

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047549.D
 Acq On : 28 Aug 2025 15:11
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 29 02:05:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	233456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	423211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	199979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.976	65	20221	5.640	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.280%#		
35) Dibromofluoromethane	5.410	113	15958	5.494	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.980%#		
50) Toluene-d8	8.653	98	56116	5.512	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.020%#		
62) 4-Bromofluorobenzene	11.079	95	21250	5.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	13567	5.307	ug/l	96
3) Chloromethane	1.313	50	13929	4.988	ug/l	93
4) Vinyl Chloride	1.392	62	16472	5.018	ug/l	99
5) Bromomethane	1.624	94	7611	5.361	ug/l	96
6) Chloroethane	1.709	64	9844	4.720	ug/l	89
7) Trichlorofluoromethane	1.904	101	23424	5.017	ug/l	96
8) Diethyl Ether	2.148	74	8931	4.821	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.349	101	13360	4.805	ug/l	97
10) Methyl Iodide	2.471	142	18665	4.055	ug/l	98
11) Tert butyl alcohol	2.965	59	8085	24.536	ug/l #	73
12) 1,1-Dichloroethene	2.343	96	14185	4.811	ug/l	88
13) Acrolein	2.252	56	17004	25.742	ug/l	97
14) Allyl chloride	2.684	41	26508	4.908	ug/l	97
15) Acrylonitrile	3.087	53	36910	25.032	ug/l	99
16) Acetone	2.392	43	36140	25.454	ug/l	93
17) Carbon Disulfide	2.532	76	43337	4.943	ug/l	99
18) Methyl Acetate	2.721	43	16804	4.800	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	47327	4.918	ug/l	99
20) Methylene Chloride	2.806	84	19473	5.390	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	16306	5.197	ug/l	91
22) Diisopropyl ether	3.770	45	54254	4.988	ug/l #	63
23) Vinyl Acetate	3.739	43	219868	24.823	ug/l	100
24) 1,1-Dichloroethane	3.629	63	31248	5.170	ug/l	98
25) 2-Butanone	4.580	43	45944	24.588	ug/l	97
26) 2,2-Dichloropropane	4.489	77	20022	4.583	ug/l	77
27) cis-1,2-Dichloroethene	4.507	96	19435	5.084	ug/l	99
28) Bromochloromethane	4.916	49	14700	5.636	ug/l	98
29) Tetrahydrofuran	5.038	42	28488	24.568	ug/l	99
30) Chloroform	5.111	83	31702	5.151	ug/l	91
31) Cyclohexane	5.483	56	24328	4.826	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	24719	4.929	ug/l	97
36) 1,1-Dichloropropene	5.702	75	20612	4.986	ug/l	99
37) Ethyl Acetate	4.745	43	19816	4.864	ug/l #	93
38) Carbon Tetrachloride	5.690	117	21281	4.640	ug/l	96
39) Methylcyclohexane	7.385	83	22541	4.728	ug/l	98
40) Benzene	6.050	78	65097	4.933	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:05:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	7833	4.059	ug/l #	77
42) 1,2-Dichloroethane	6.105	62	24546	5.167	ug/l	99
43) Isopropyl Acetate	6.354	43	31813	4.859	ug/l	97
44) Trichloroethene	7.135	130	16044	4.907	ug/l	99
45) 1,2-Dichloropropane	7.434	63	15807	4.755	ug/l	90
46) Dibromomethane	7.592	93	12204	4.987	ug/l	99
47) Bromodichloromethane	7.824	83	25570	5.109	ug/l #	97
48) Methyl methacrylate	7.702	41	15339	4.555	ug/l	96
49) 1,4-Dioxane	7.684	88	2998	89.990	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	95826	24.773	ug/l	99
52) Toluene	8.720	92	40313	5.012	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	21179	4.697	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	23387	4.681	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	16024	5.107	ug/l	99
56) Ethyl methacrylate	9.122	69	21381	4.603	ug/l	99
57) 1,3-Dichloropropane	9.311	76	28064	5.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	51737	25.727	ug/l	100
59) 2-Hexanone	9.433	43	61496	23.272	ug/l	98
60) Dibromochloromethane	9.519	129	19078	5.090	ug/l	93
61) 1,2-Dibromoethane	9.610	107	15884	4.975	ug/l	98
64) Tetrachloroethene	9.275	164	13565	5.082	ug/l	99
65) Chlorobenzene	10.079	112	46679	5.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	15108	4.777	ug/l	96
67) Ethyl Benzene	10.195	91	76411	4.875	ug/l	99
68) m/p-Xylenes	10.299	106	56579	9.720	ug/l	98
69) o-Xylene	10.640	106	28024	4.997	ug/l	99
70) Styrene	10.659	104	46549	4.784	ug/l	100
71) Bromoform	10.799	173	11486	4.769	ug/l #	99
73) Isopropylbenzene	10.963	105	70748	4.808	ug/l	98
74) N-amyl acetate	10.841	43	26450	4.353	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	23439	5.039	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	17363m	4.750	ug/l	
77) Bromobenzene	11.195	156	18378	4.882	ug/l	96
78) n-propylbenzene	11.305	91	83197	4.749	ug/l	98
79) 2-Chlorotoluene	11.360	91	53852	4.956	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	57901	4.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	2309	9.912	ug/l #	79
82) 4-Chlorotoluene	11.451	91	63251	4.961	ug/l	98
83) tert-Butylbenzene	11.713	119	58193	4.798	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	58402	4.762	ug/l	100
85) sec-Butylbenzene	11.890	105	69405	4.756	ug/l	100
86) p-Isopropyltoluene	12.006	119	58776	4.805	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	35266	5.025	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	36122	4.985	ug/l	94
89) n-Butylbenzene	12.329	91	52334	4.635	ug/l	99
90) Hexachloroethane	12.536	117	10496	4.667	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	34218	4.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4189	4.882	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	19364	4.619	ug/l	96
94) Hexachlorobutadiene	13.719	225	7236	4.966	ug/l	94
95) Naphthalene	13.774	128	53541	4.369	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18798	4.774	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

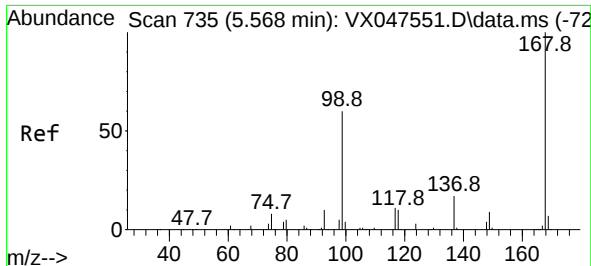
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:05:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

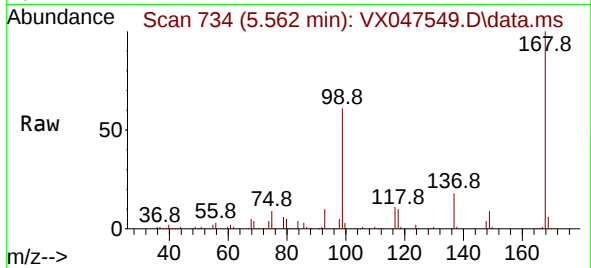
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047549.D
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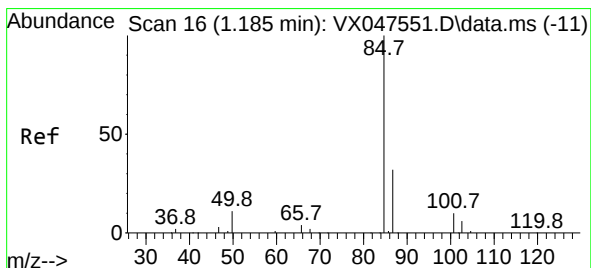
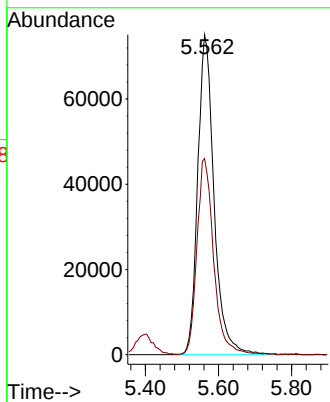
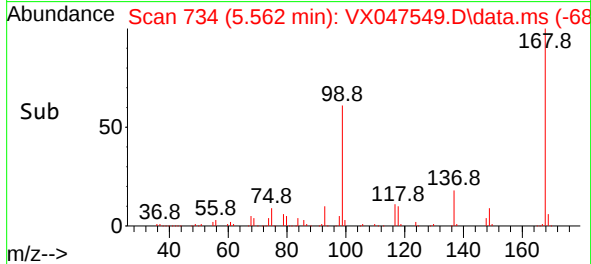
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 233456
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3

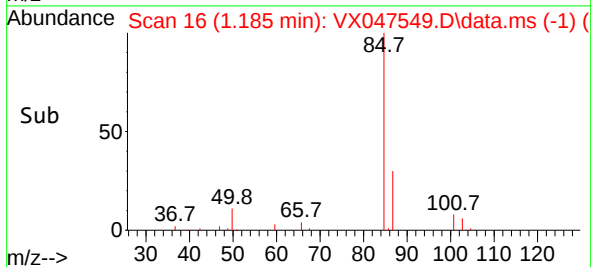
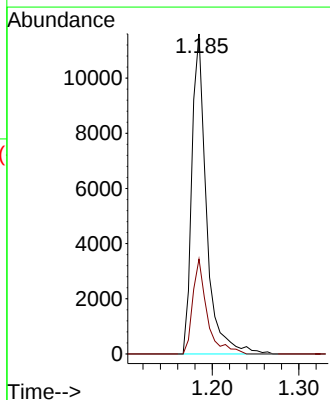
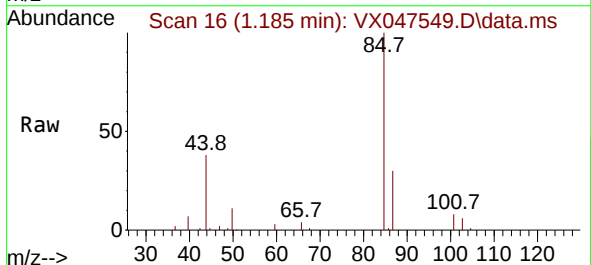
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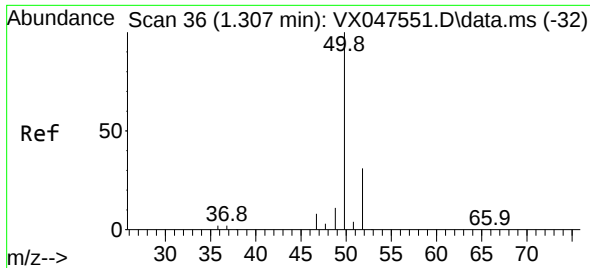
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#2
Dichlorodifluoromethane
Concen: 5.307 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 85 Resp: 13567
Ion Ratio Lower Upper
85 100
87 29.6 15.9 47.7





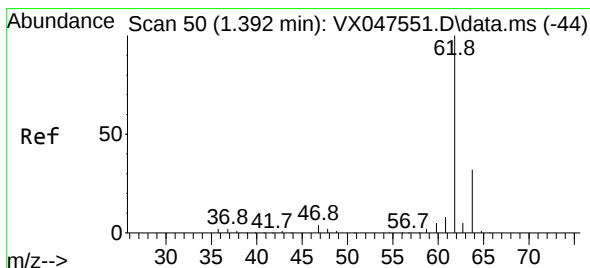
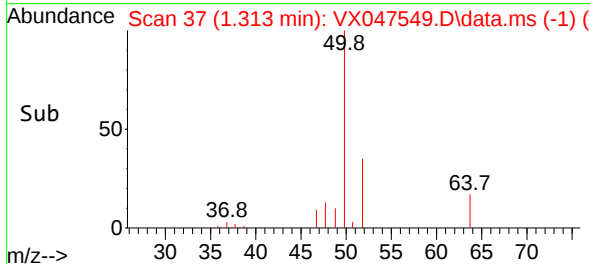
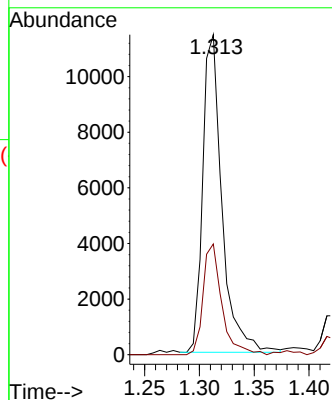
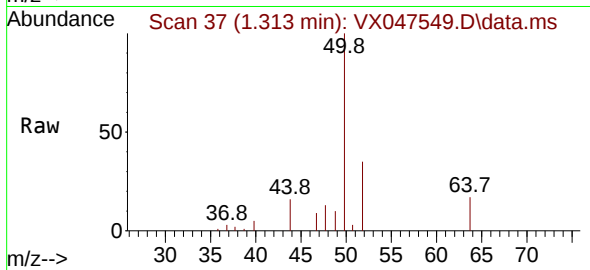
#3
Chloromethane
Concen: 4.988 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 13929
Ion Ratio Lower Upper
50 100
52 34.9 24.6 37.0

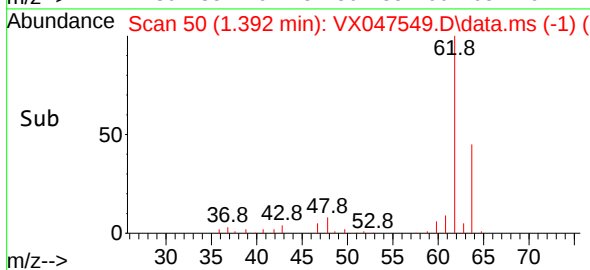
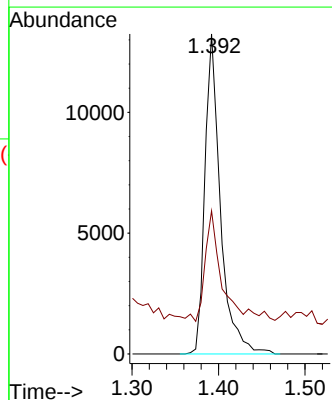
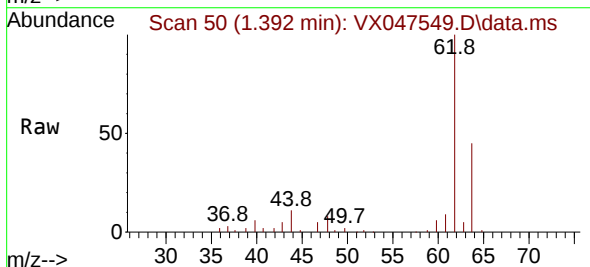
Manual Integrations
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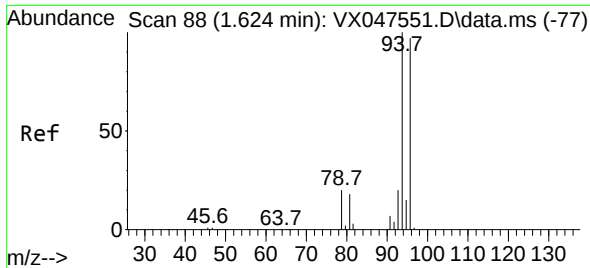
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#4
Vinyl Chloride
Concen: 5.018 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

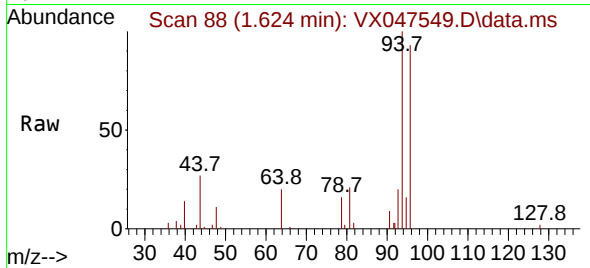
Tgt Ion: 62 Resp: 16472
Ion Ratio Lower Upper
62 100
64 33.0 25.9 38.9





#5
Bromomethane
Concen: 5.361 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

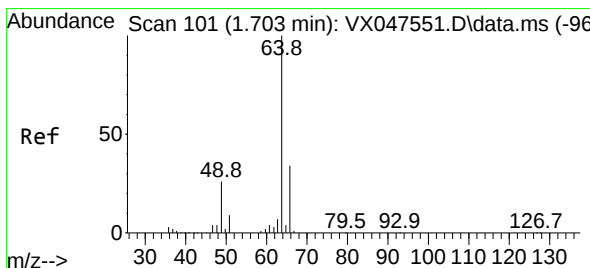
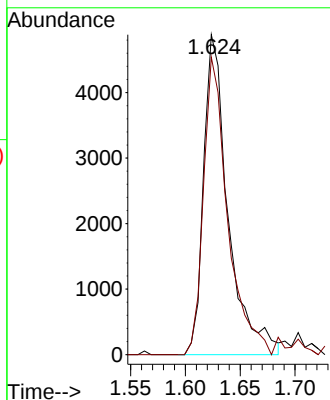
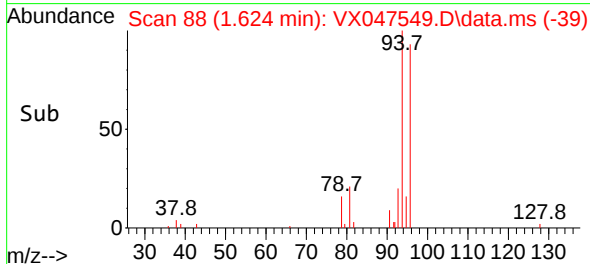
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 761
Ion Ratio Lower Upper
94 100
96 92.9 77.7 116.5

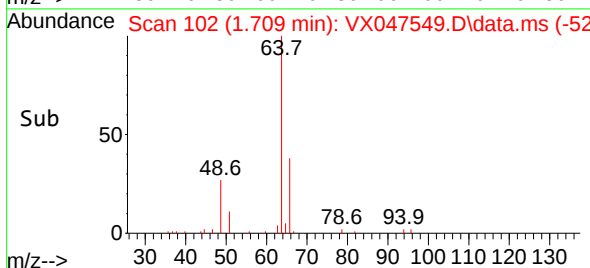
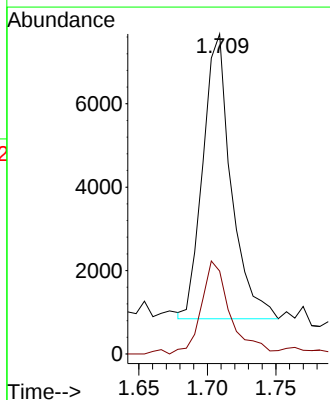
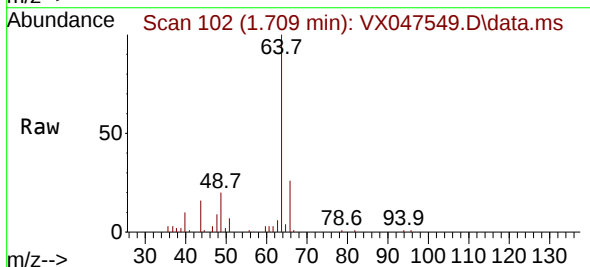
Manual Integrations
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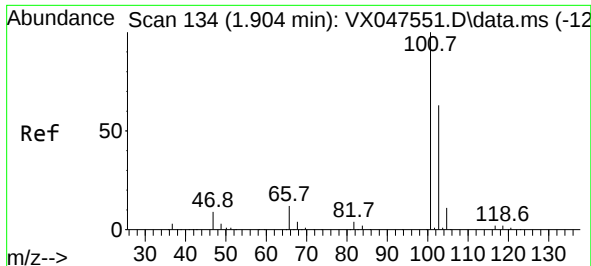
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#6
Chloroethane
Concen: 4.720 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

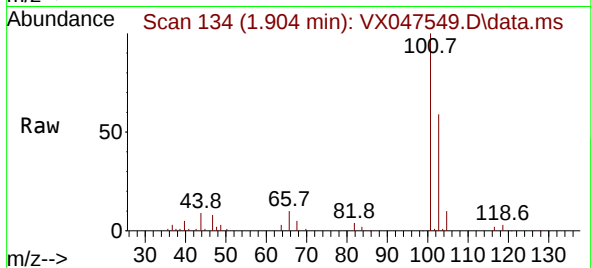
Tgt Ion: 64 Resp: 9844
Ion Ratio Lower Upper
64 100
66 27.9 27.4 41.2





#7
Trichlorofluoromethane
Concen: 5.017 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

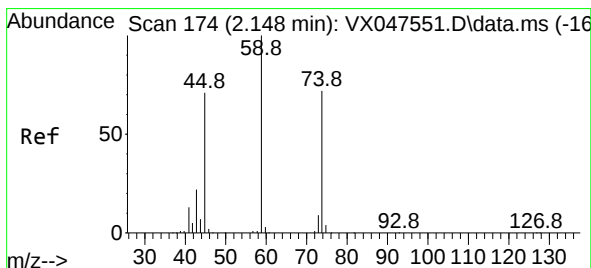
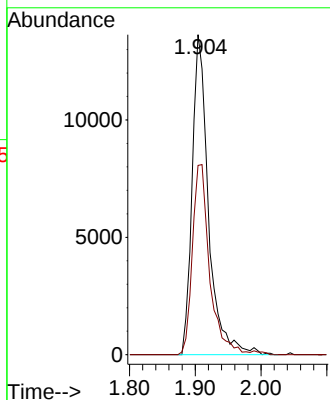
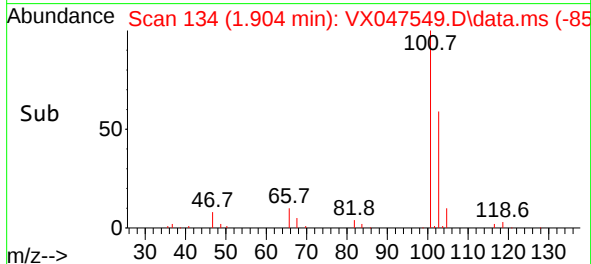
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 23424
Ion Ratio Lower Upper
101 100
103 59.2 50.1 75.1

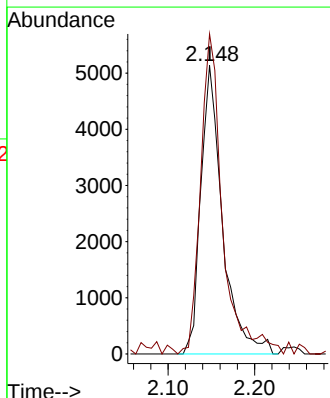
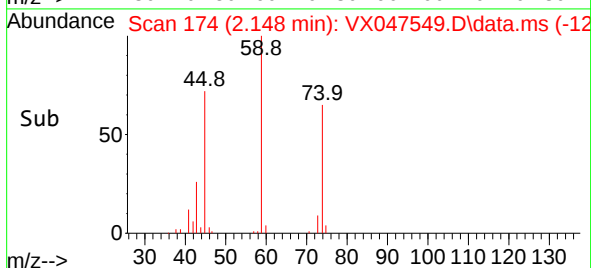
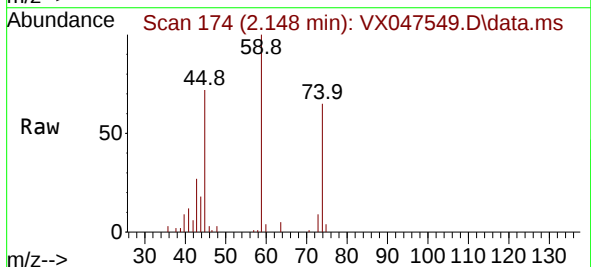
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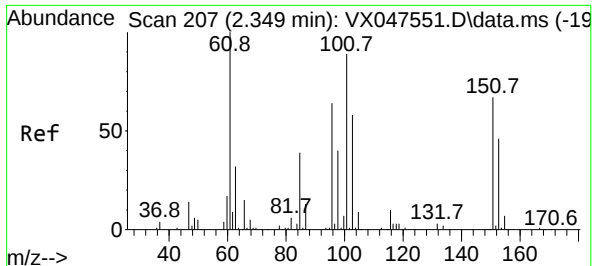
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#8
Diethyl Ether
Concen: 4.821 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

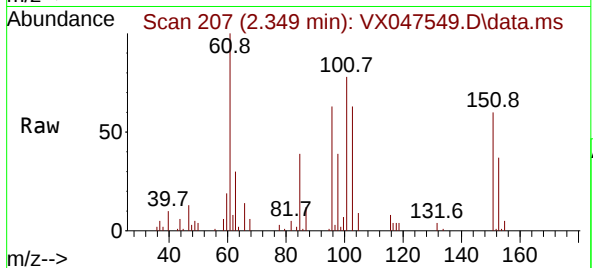
Tgt Ion: 74 Resp: 8931
Ion Ratio Lower Upper
74 100
45 112.1 49.0 147.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.805 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

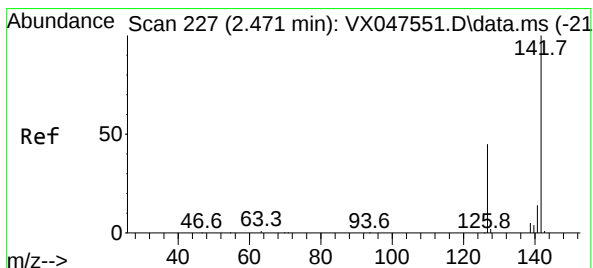
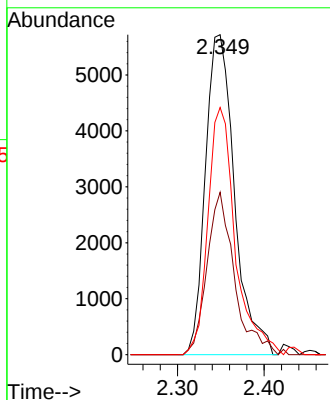
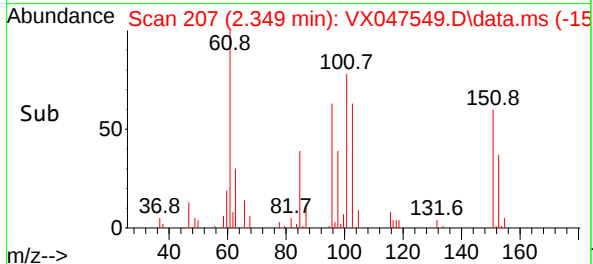
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 13360
Ion Ratio Lower Upper
101 100
85 48.0 35.1 52.7
151 72.7 58.6 88.0

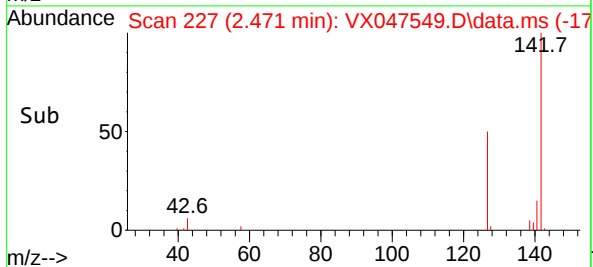
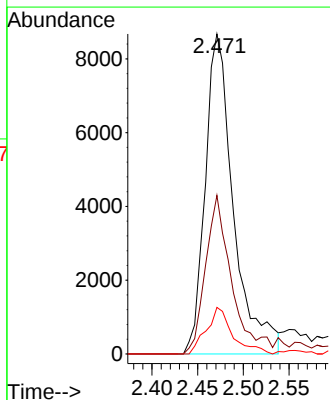
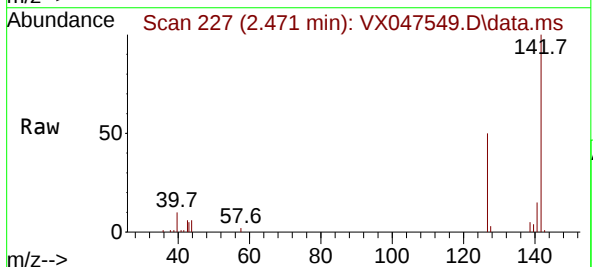
Manual Integrations
APPROVED

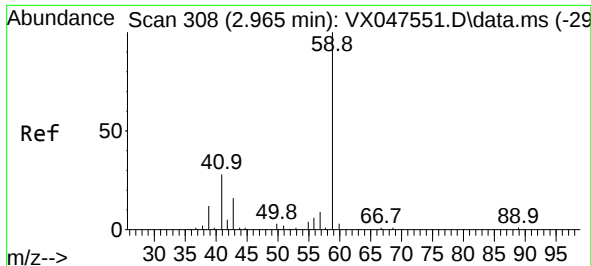
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#10
Methyl Iodide
Concen: 4.055 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

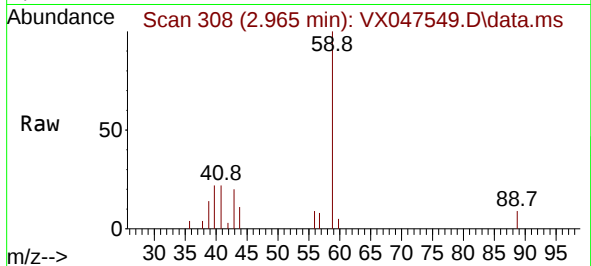
Tgt Ion:142 Resp: 18665
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 13.5 10.6 16.0





#11
Tert butyl alcohol
Concen: 24.536 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

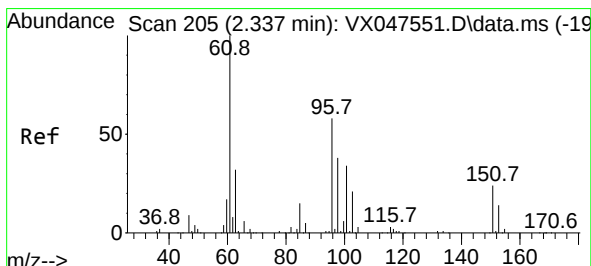
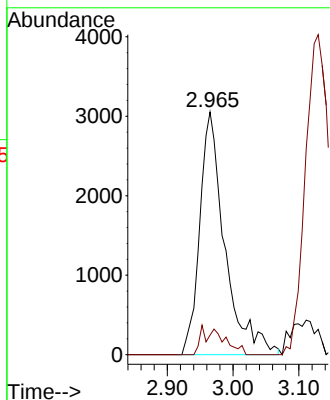
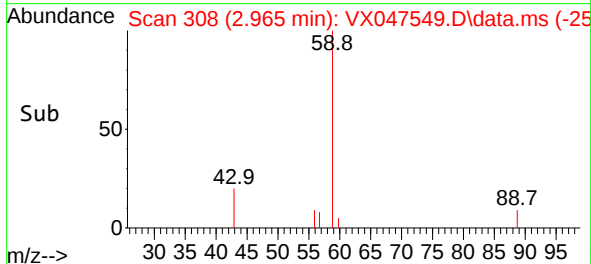
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 808
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9

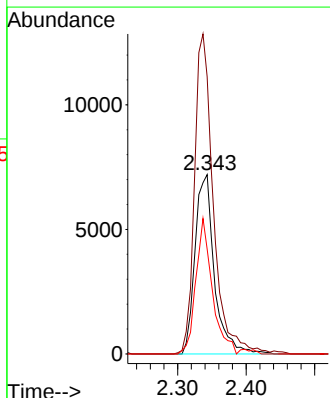
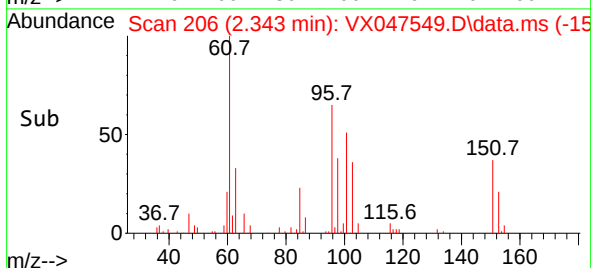
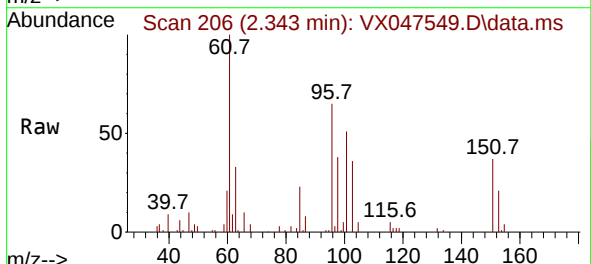
Manual Integrations
APPROVED

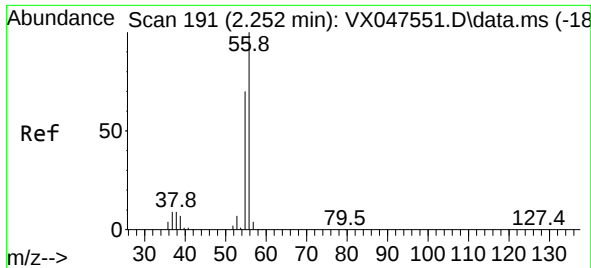
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#12
1,1-Dichloroethene
Concen: 4.811 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 96 Resp: 14185
Ion Ratio Lower Upper
96 100
61 153.8 136.8 205.2
98 58.4 52.4 78.6





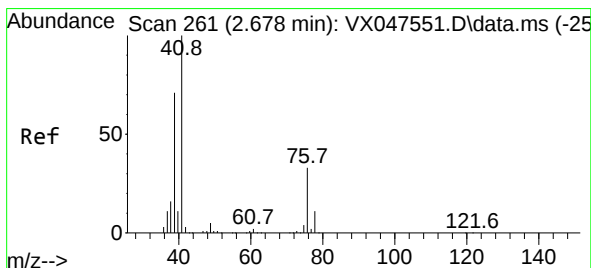
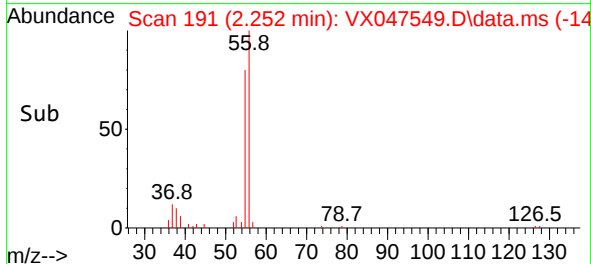
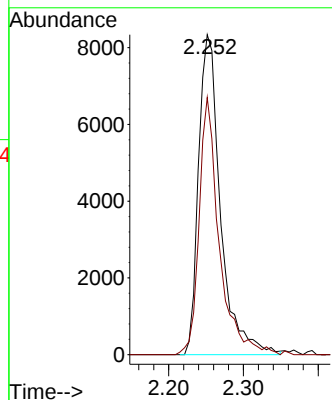
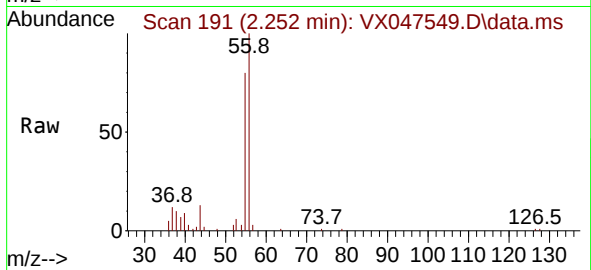
#13
Acrolein
Concen: 25.742 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 17004
Ion Ratio Lower Upper
56 100
55 73.5 57.0 85.6

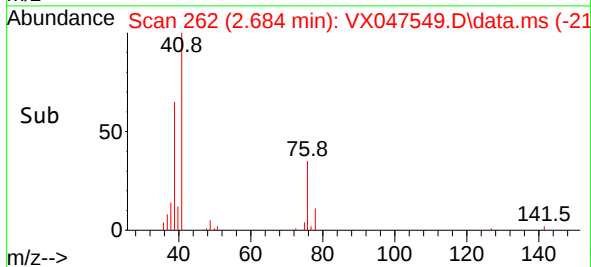
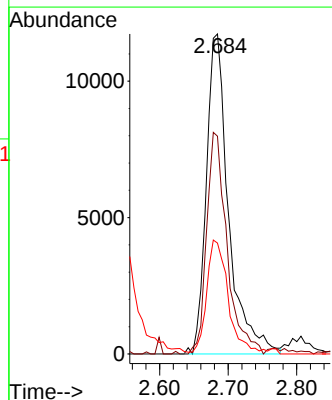
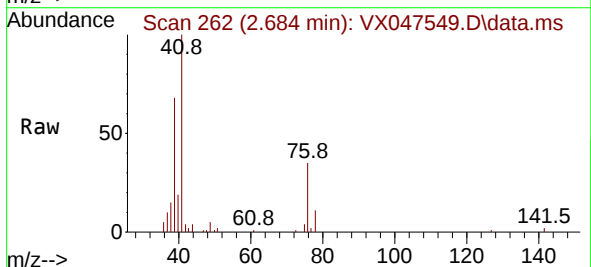
Manual Integrations
APPROVED

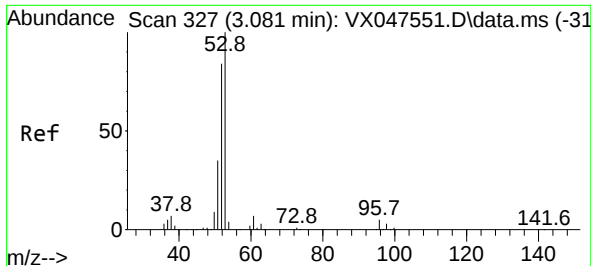
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#14
Allyl chloride
Concen: 4.908 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 41 Resp: 26508
Ion Ratio Lower Upper
41 100
39 63.5 53.2 79.8
76 33.0 26.8 40.2





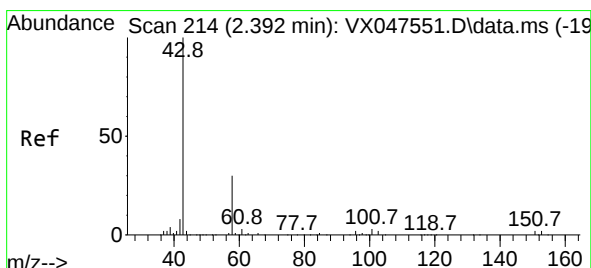
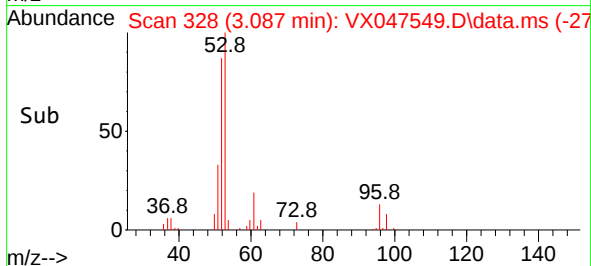
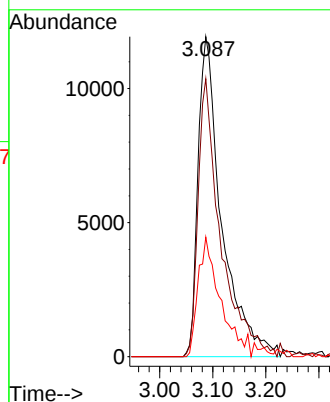
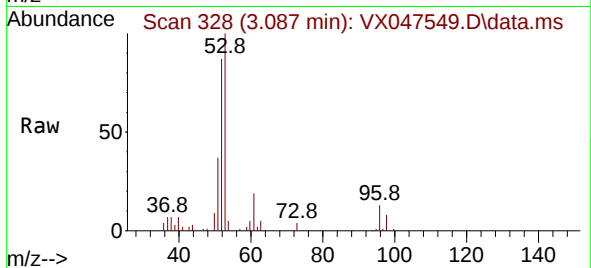
#15
Acrylonitrile
Concen: 25.032 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 36910
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 35.3 29.4 44.0

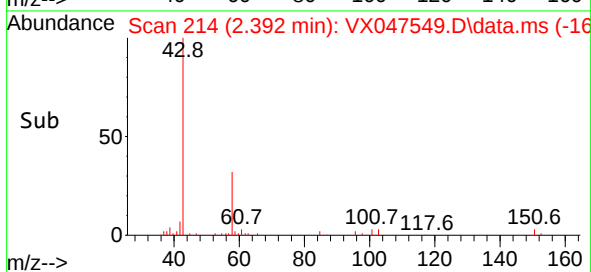
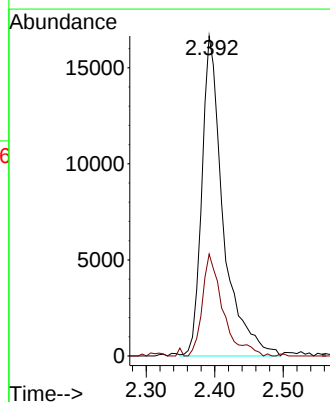
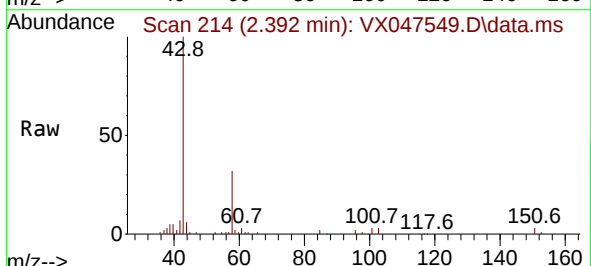
Manual Integrations
APPROVED

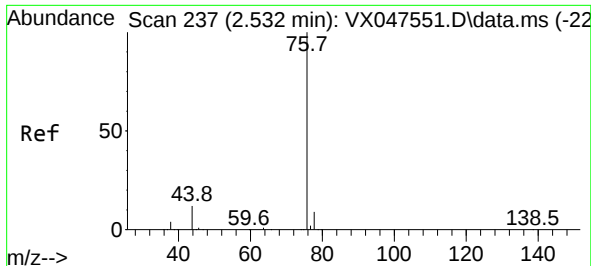
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#16
Acetone
Concen: 25.454 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

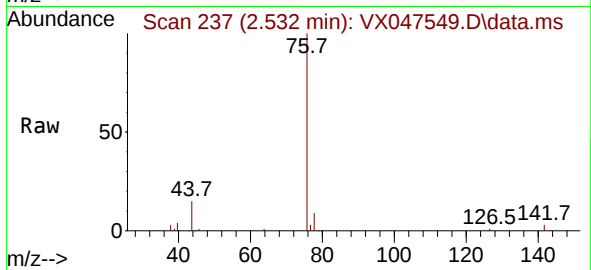
Tgt Ion: 43 Resp: 36140
Ion Ratio Lower Upper
43 100
58 33.9 24.2 36.2





#17
Carbon Disulfide
Concen: 4.943 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

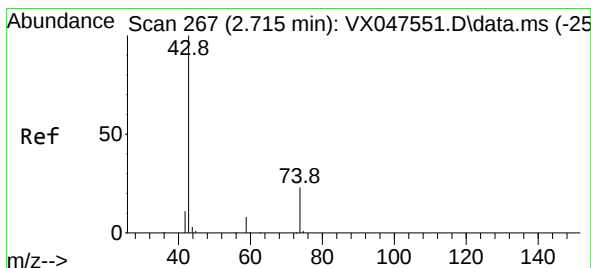
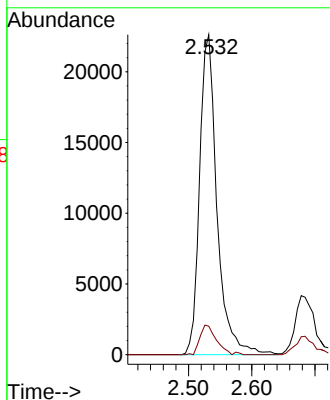
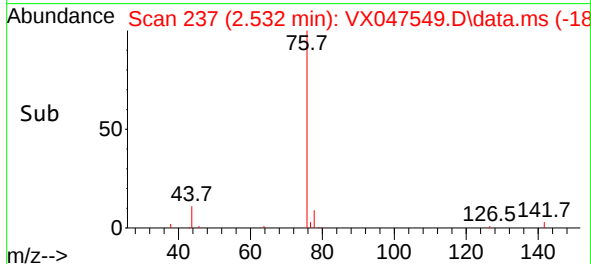
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 4333
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

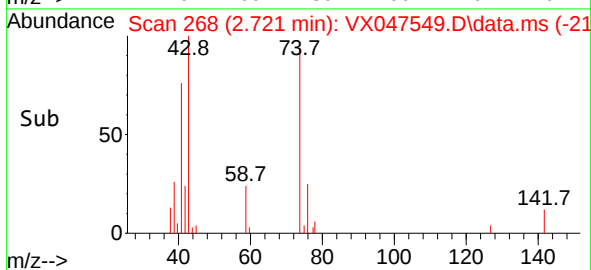
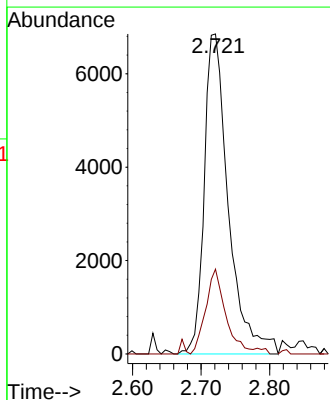
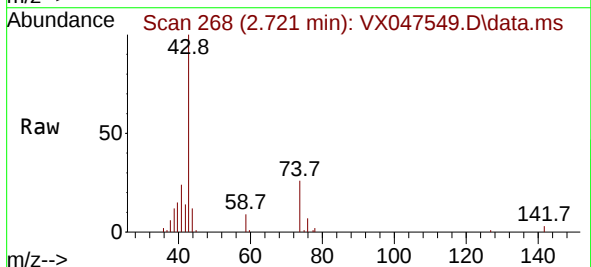
Manual Integrations
APPROVED

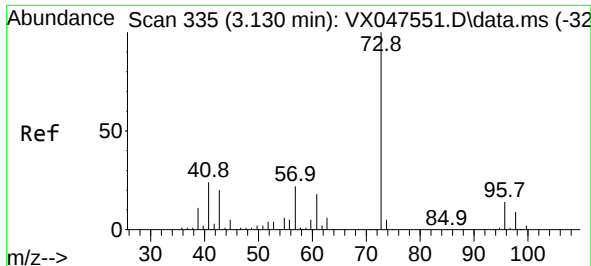
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#18
Methyl Acetate
Concen: 4.800 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 43 Resp: 16804
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8





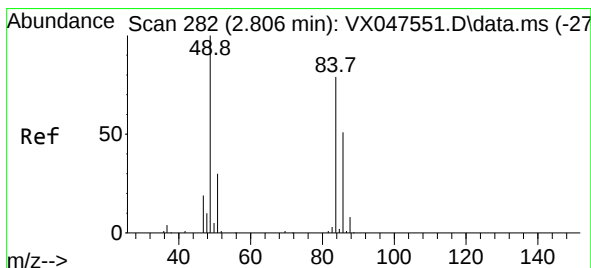
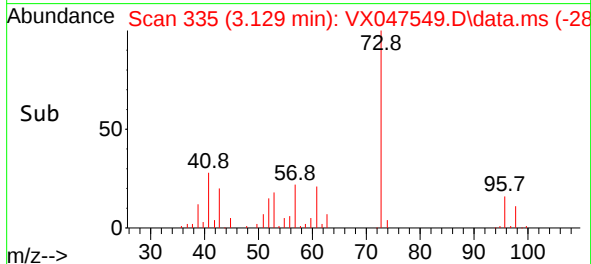
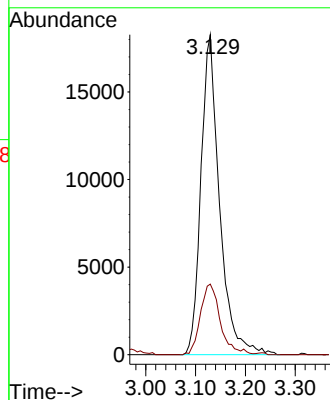
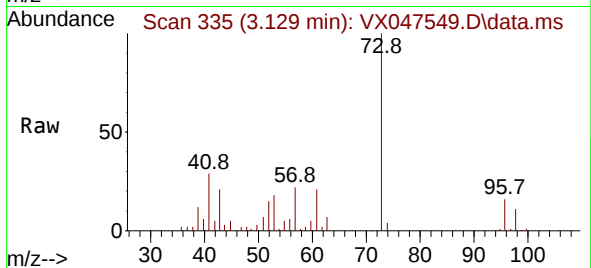
#19
Methyl tert-butyl Ether
Concen: 4.918 ug/l
RT: 3.129 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 4732
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

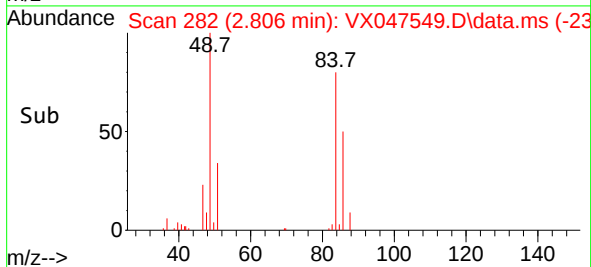
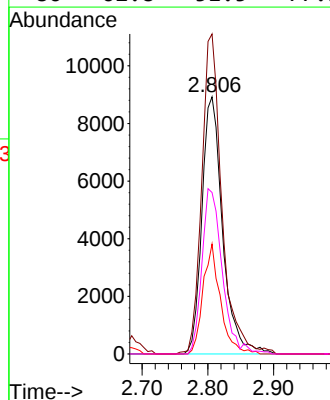
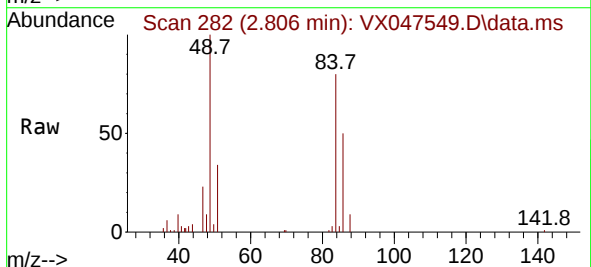
Manual Integrations
APPROVED

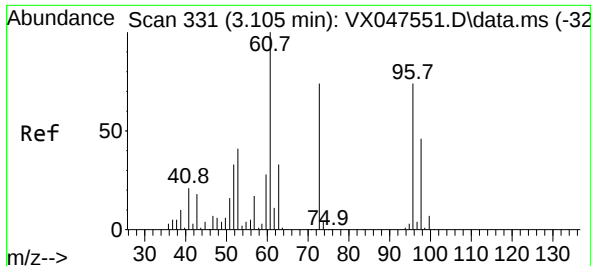
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#20
Methylene Chloride
Concen: 5.390 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 84 Resp: 19473
Ion Ratio Lower Upper
84 100
49 124.5 101.4 152.2
51 42.8 30.6 46.0
86 62.8 51.5 77.3





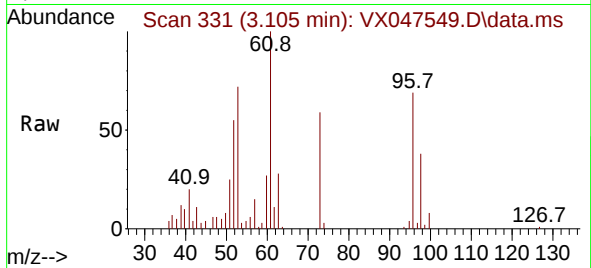
#21
trans-1,2-Dichloroethene
Concen: 5.197 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



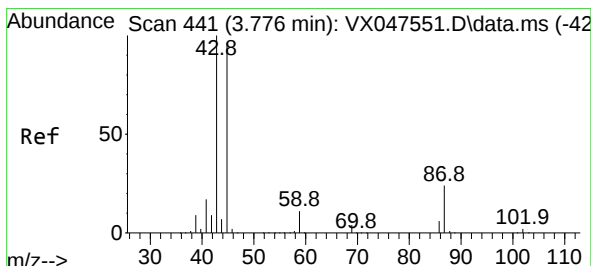
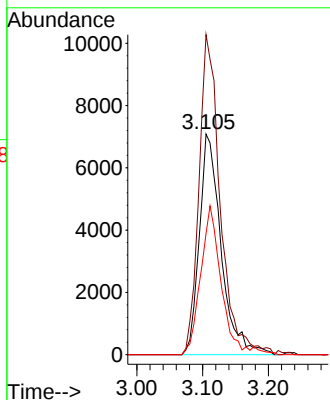
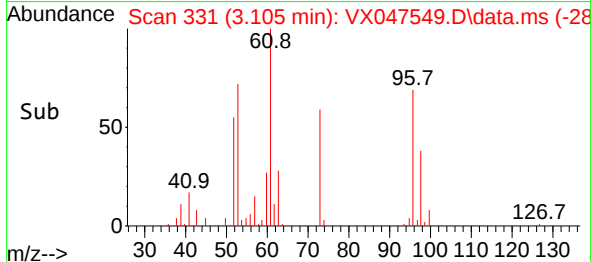
Tgt Ion: 96 Resp: 16300
Ion Ratio Lower Upper
96 100
61 145.0 108.0 162.0
98 57.2 51.6 77.4

Manual Integrations

APPROVED

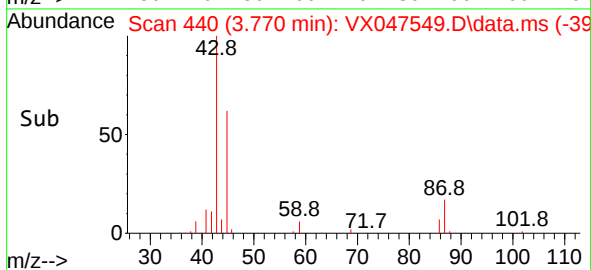
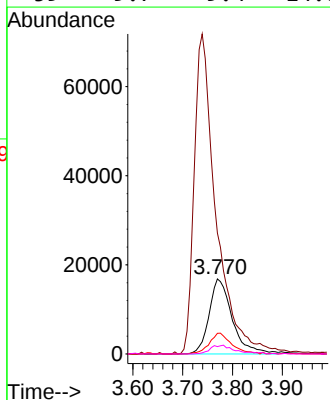
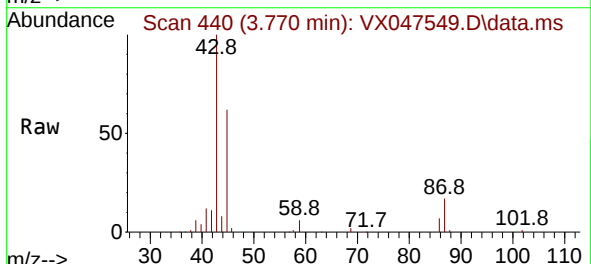
Reviewed By :John Carlone 08/29/2025

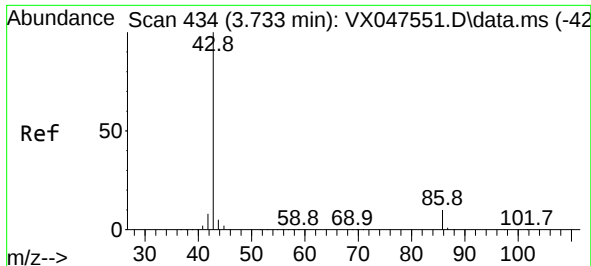
Supervised By :Semsettin Yesilyurt 08/29/2025



#22
Diisopropyl ether
Concen: 4.988 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

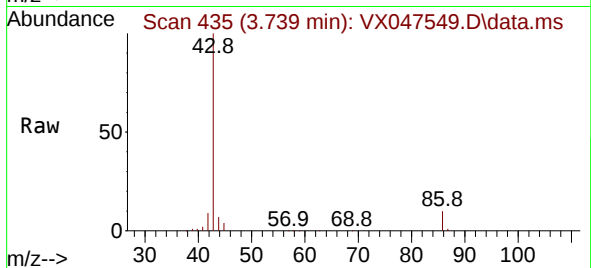
Tgt Ion: 45 Resp: 54254
Ion Ratio Lower Upper
45 100
43 154.5 83.2 124.8#
87 26.8 20.2 30.4
59 9.7 9.4 14.0





#23
Vinyl Acetate
Concen: 24.823 ug/l
RT: 3.739 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

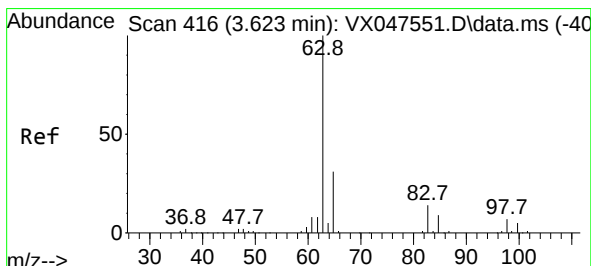
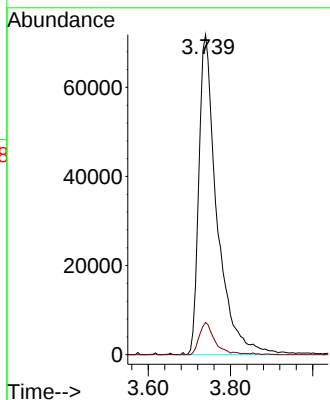
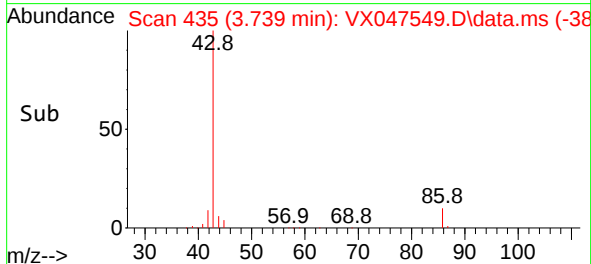
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



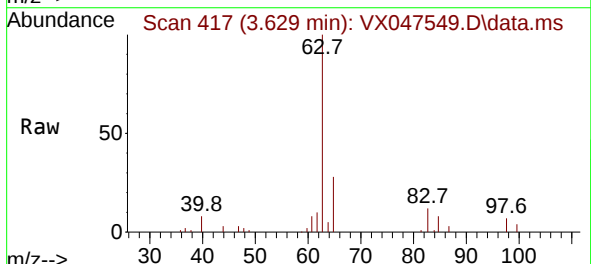
Tgt Ion: 43 Resp: 21986
Ion Ratio Lower Upper
43 100
86 10.1 8.1 12.1

Manual Integrations
APPROVED

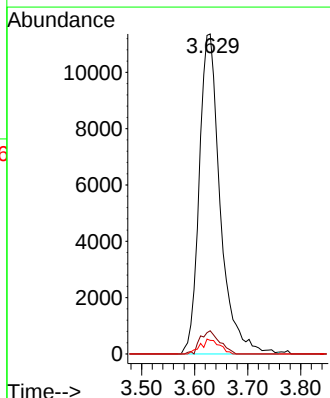
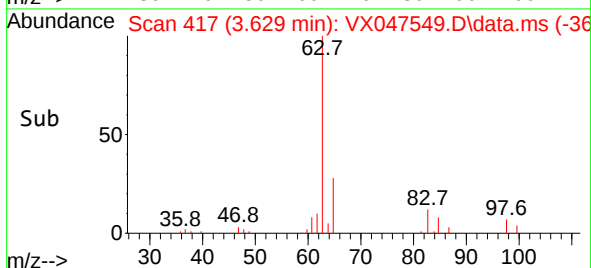
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

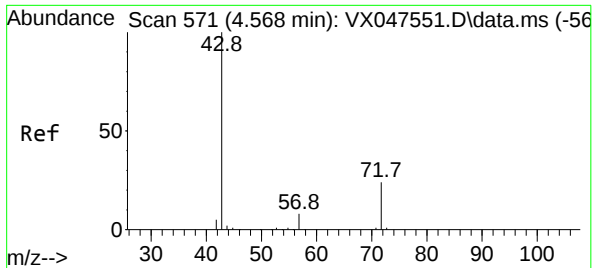


#24
1,1-Dichloroethane
Concen: 5.170 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11



Tgt Ion: 63 Resp: 31248
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 4.2 2.6 7.8





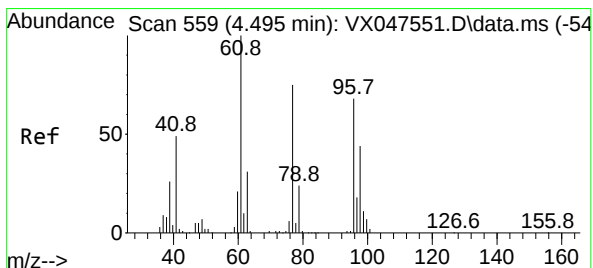
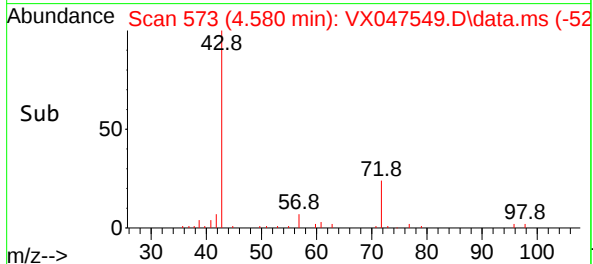
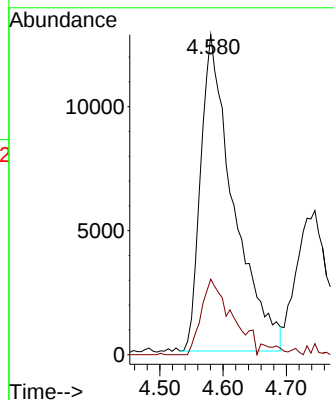
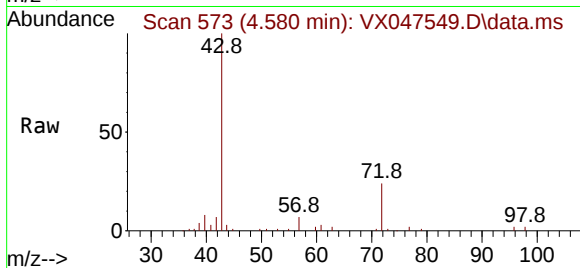
#25
2-Butanone
Concen: 24.588 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 45944
Ion Ratio Lower Upper
43 100
72 23.1 19.5 29.3

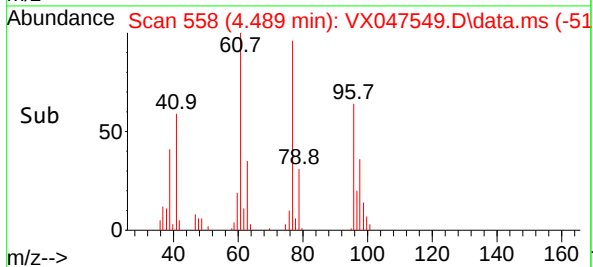
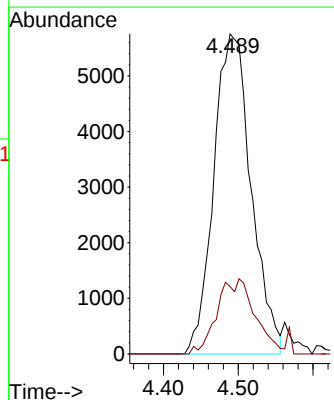
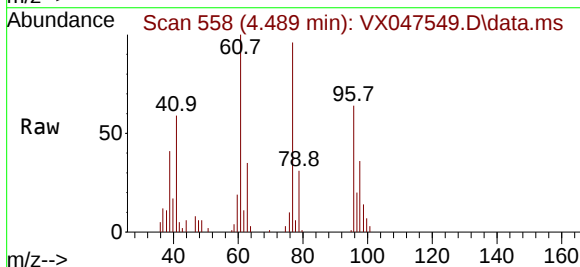
Manual Integrations
APPROVED

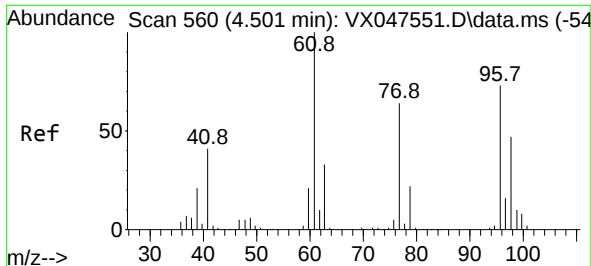
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#26
2,2-Dichloropropane
Concen: 4.583 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 77 Resp: 20022
Ion Ratio Lower Upper
77 100
97 12.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 5.084 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1943

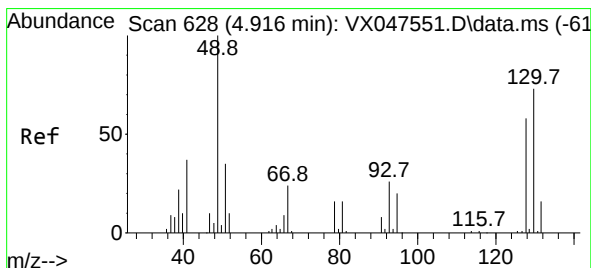
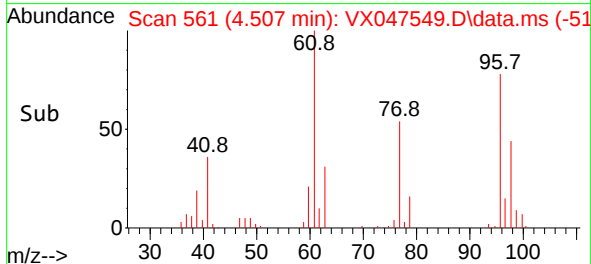
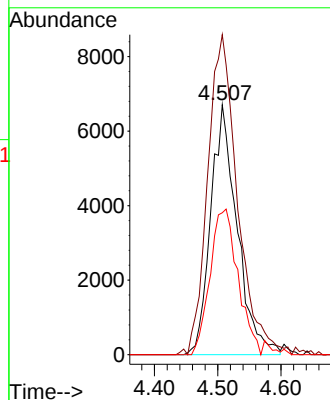
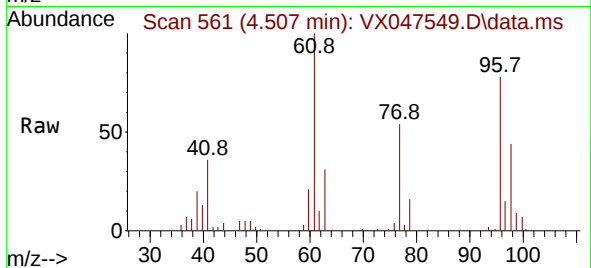
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	289.4
98	61.6	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#28

Bromochloromethane

Concen: 5.636 ug/l

RT: 4.916 min Scan# 628

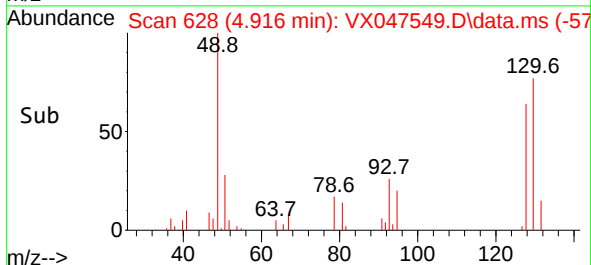
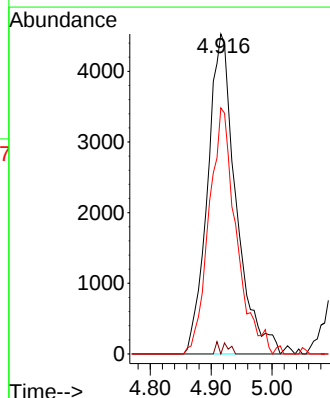
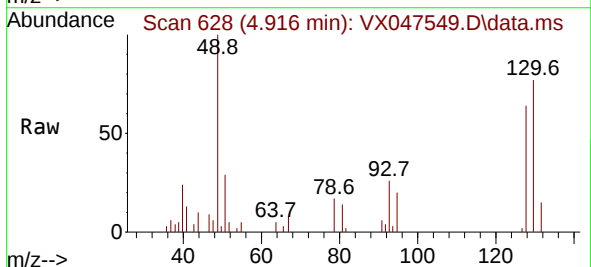
Delta R.T. -0.000 min

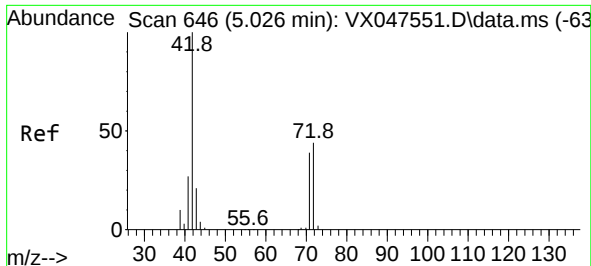
Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Tgt Ion: 49 Resp: 14700

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.8
130	73.4	59.8	89.6





#29

Tetrahydrofuran

Concen: 24.568 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

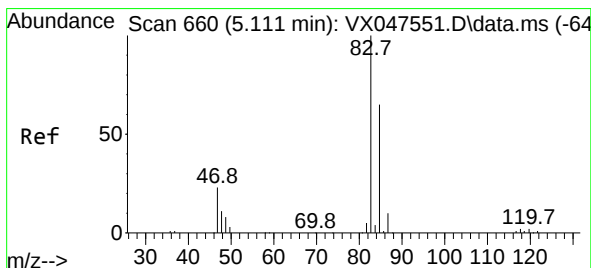
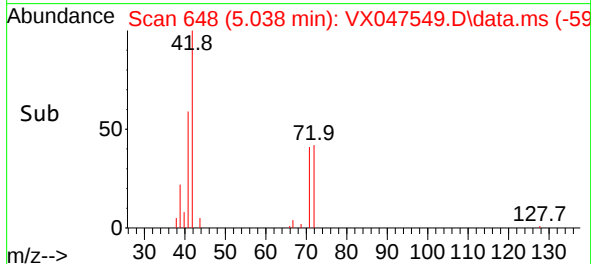
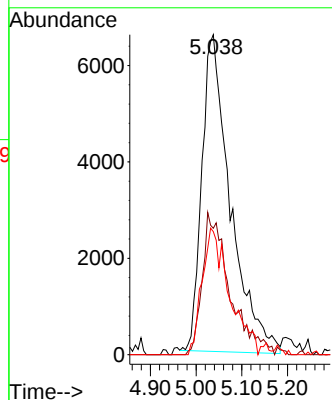
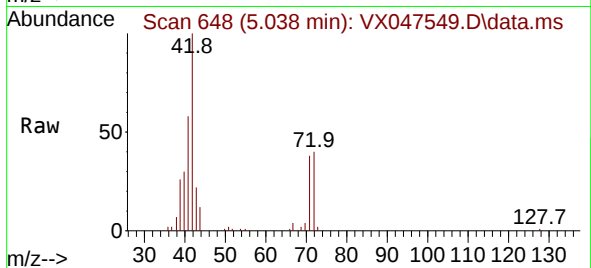
Tgt Ion:	42	Resp:	2848
Ion Ratio	Lower	Upper	
42	100		
72	43.1	34.5	51.7
71	38.4	31.7	47.5

Manual Integrations

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Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#30

Chloroform

Concen: 5.151 ug/l

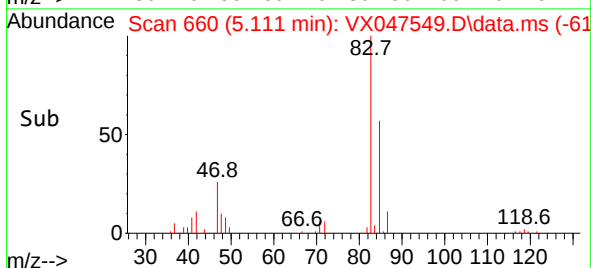
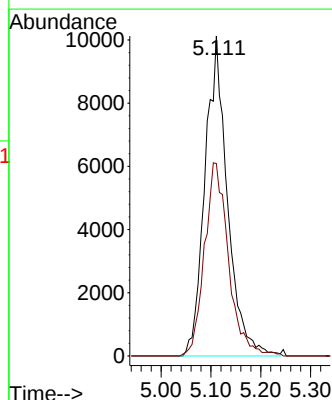
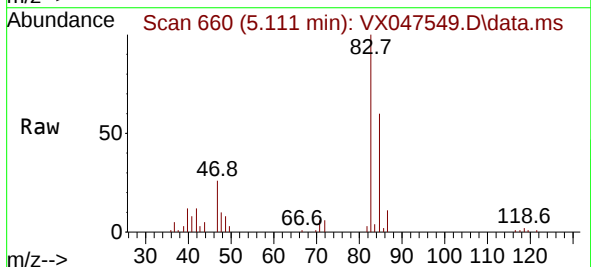
RT: 5.111 min Scan# 660

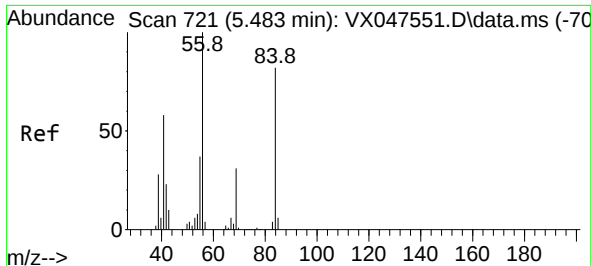
Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

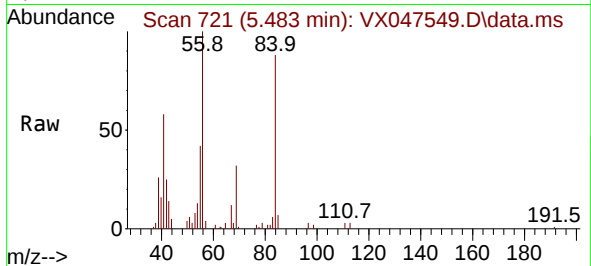
Tgt Ion:	83	Resp:	31702
Ion Ratio	Lower	Upper	
83	100		
85	58.1	52.3	78.5





#31
Cyclohexane
Concen: 4.826 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

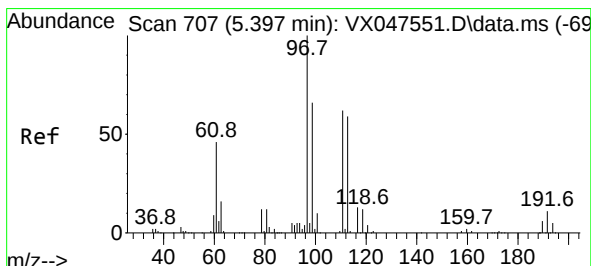
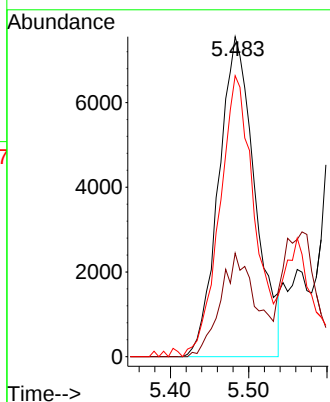
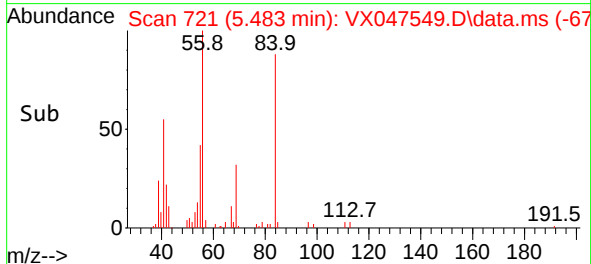
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



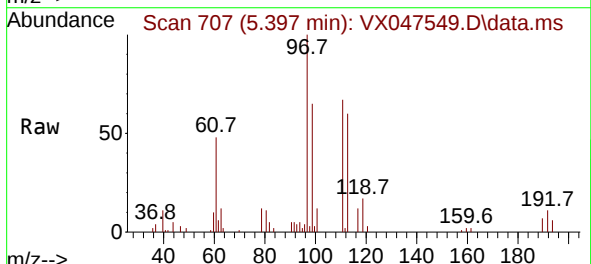
Tgt Ion: 56 Resp: 24328
Ion Ratio Lower Upper
56 100
69 33.7 24.2 36.2
84 86.2 65.5 98.3

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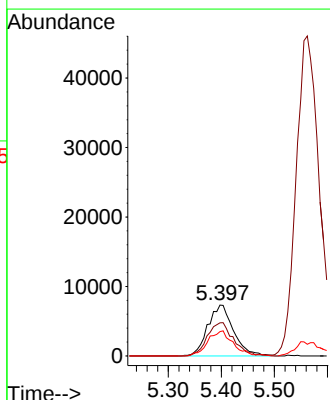
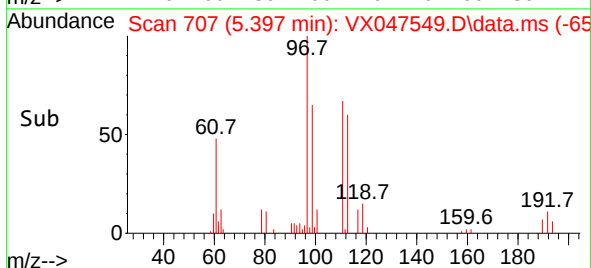
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

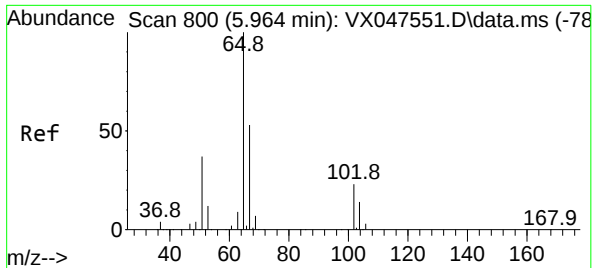


#32
1,1,1-Trichloroethane
Concen: 4.929 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11



Tgt Ion: 97 Resp: 24719
Ion Ratio Lower Upper
97 100
99 66.2 51.5 77.3
61 48.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 5.640 ug/l

RT: 5.976 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2022

Ion Ratio Lower Upper

65 100

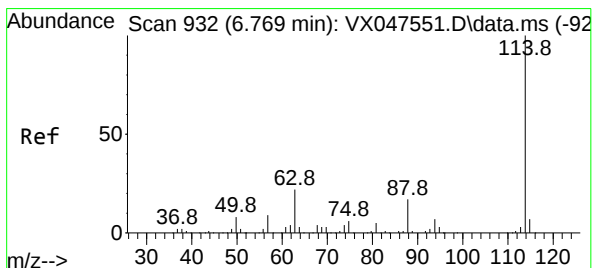
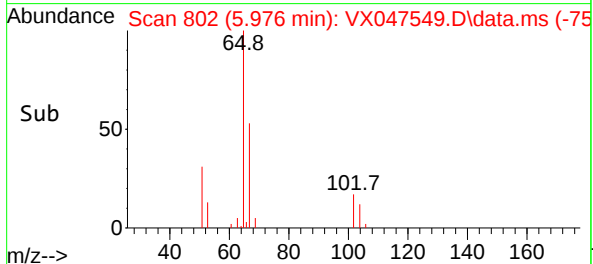
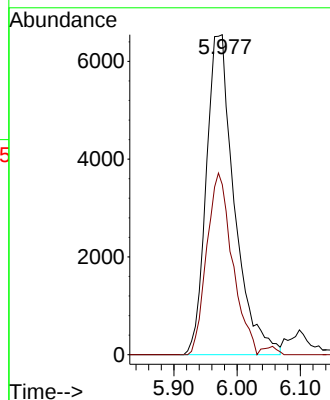
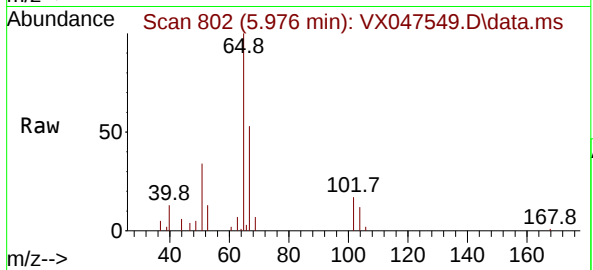
67 52.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

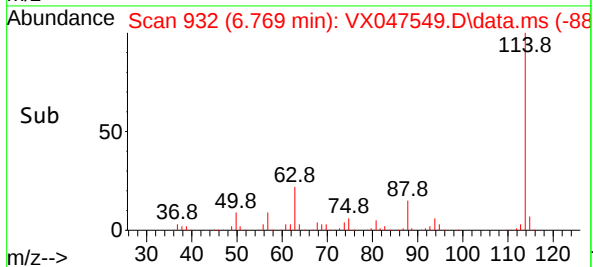
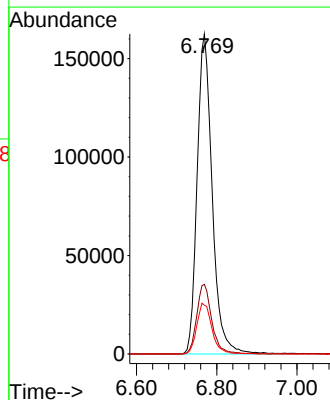
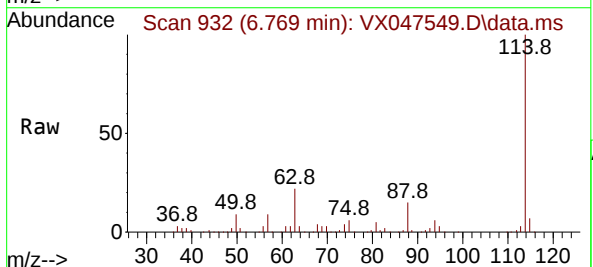
Tgt Ion:114 Resp: 423211

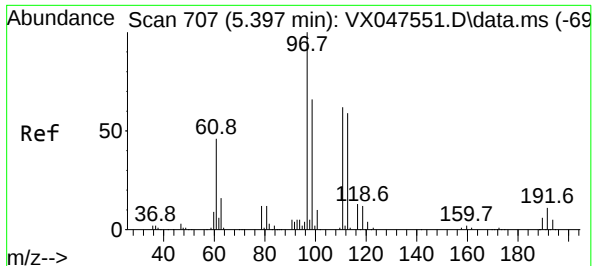
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 5.494 ug/l

RT: 5.410 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 15958

Ion Ratio Lower Upper

113 100

111 100.2 81.2 121.8

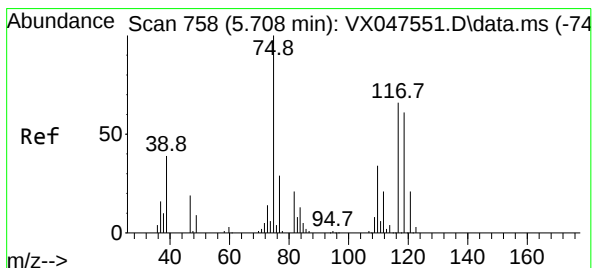
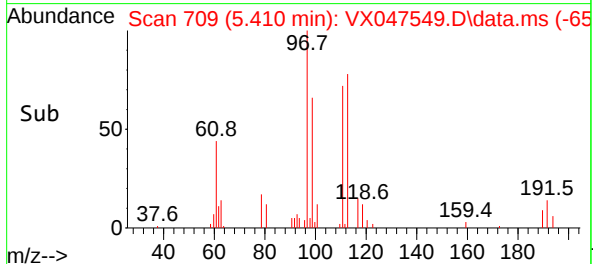
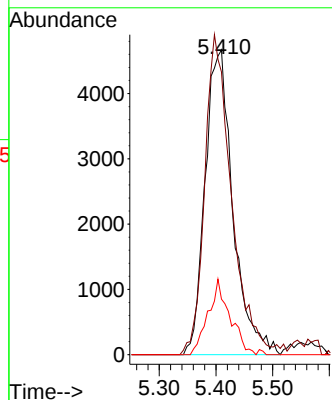
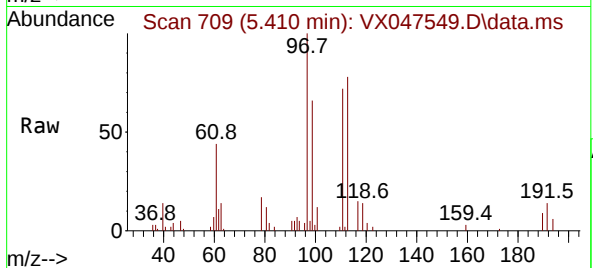
192 19.3 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#36

1,1-Dichloropropene

Concen: 4.986 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.006 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

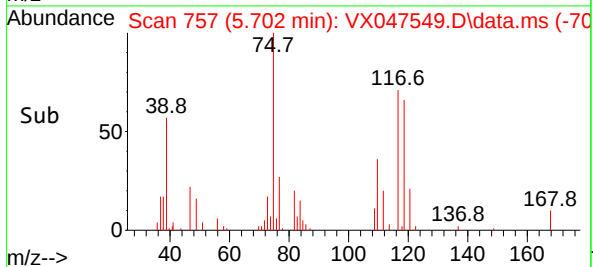
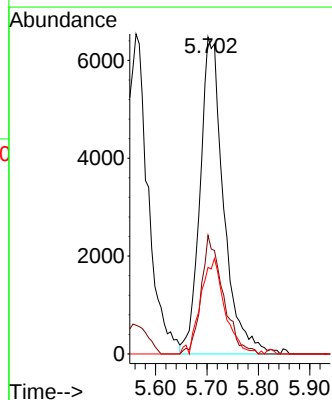
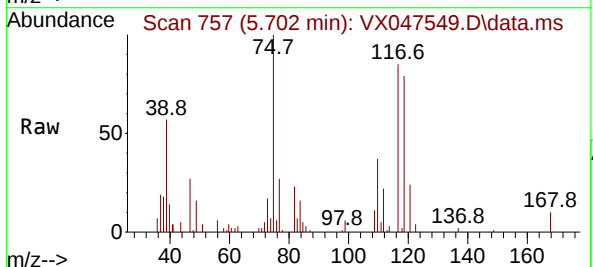
Tgt Ion: 75 Resp: 20612

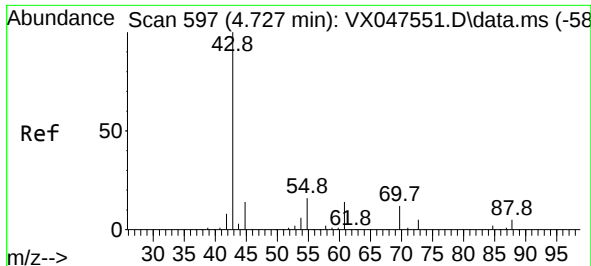
Ion Ratio Lower Upper

75 100

110 34.7 17.1 51.3

77 30.8 25.0 37.6





#37

Ethyl Acetate

Concen: 4.864 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.018 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

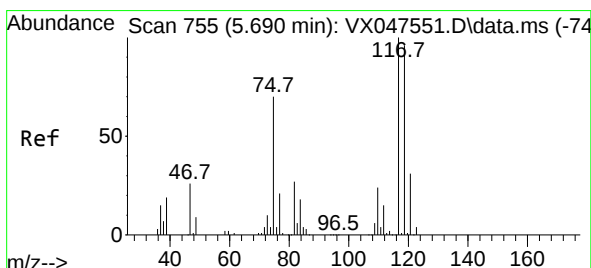
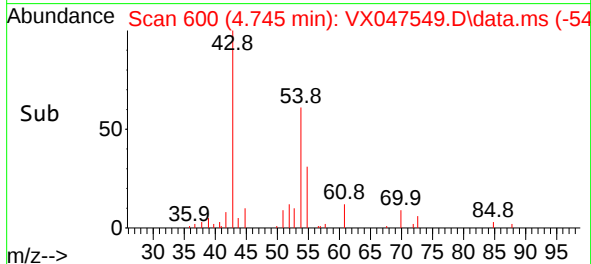
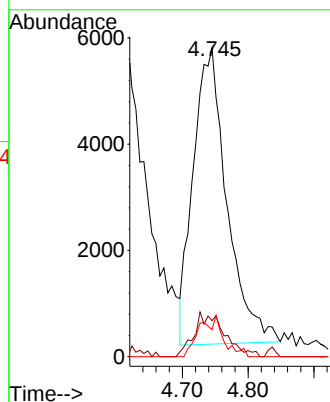
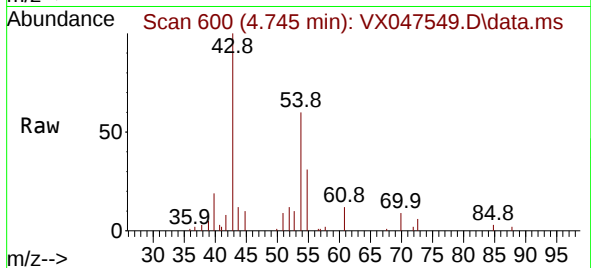
Tgt Ion:	43	Resp:	19810
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	5.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#38

Carbon Tetrachloride

Concen: 4.640 ug/l

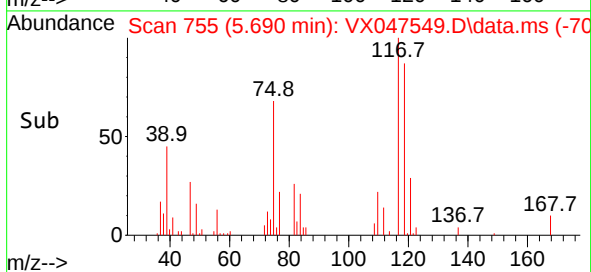
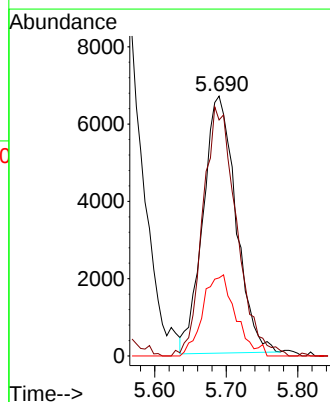
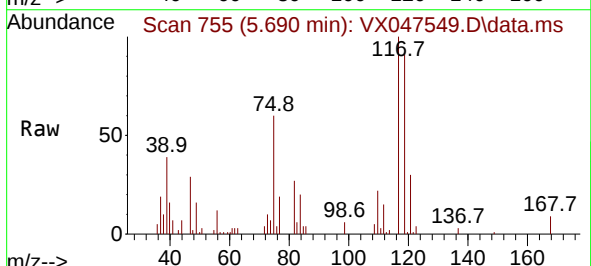
RT: 5.690 min Scan# 755

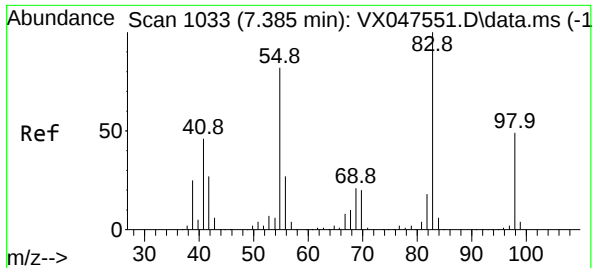
Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Tgt Ion:	117	Resp:	21281
Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.4	114.6
121	30.5	24.9	37.3





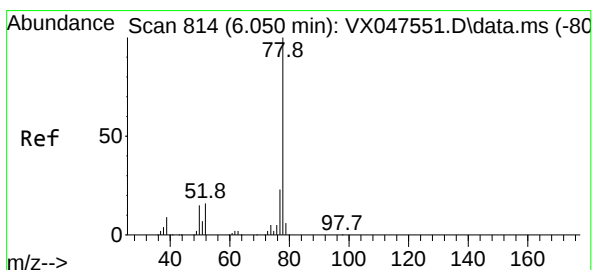
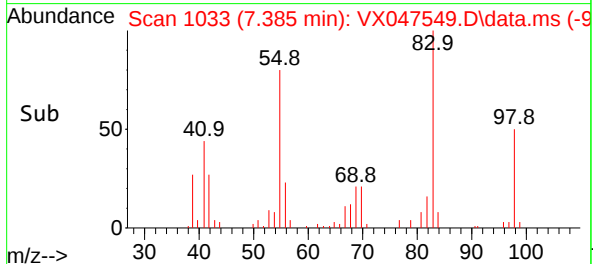
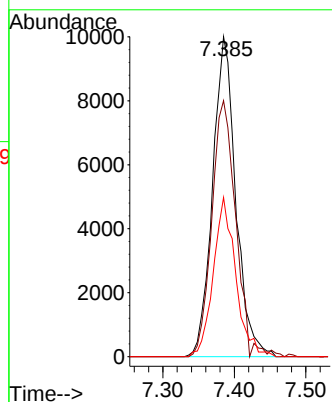
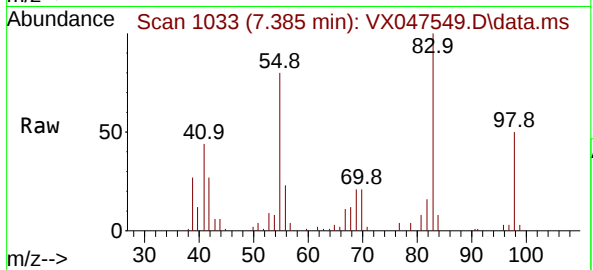
#39
Methylcyclohexane
Concen: 4.728 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 2254
Ion Ratio Lower Upper
83 100
55 80.0 65.4 98.2
98 49.8 39.0 58.4

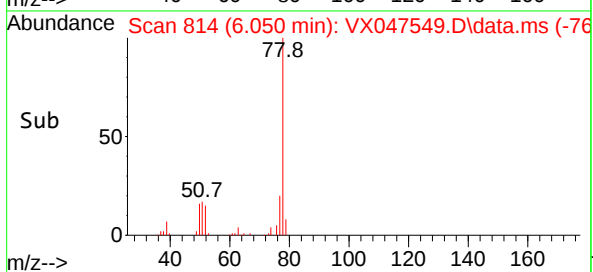
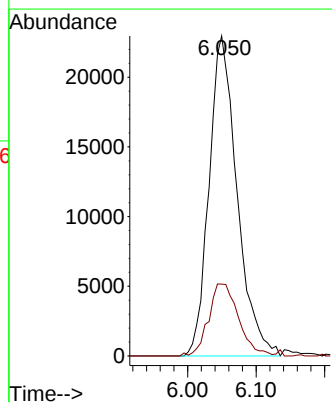
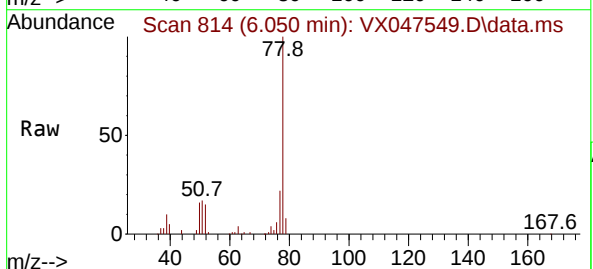
Manual Integrations
APPROVED

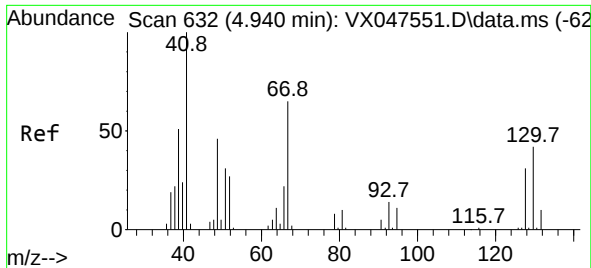
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#40
Benzene
Concen: 4.933 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

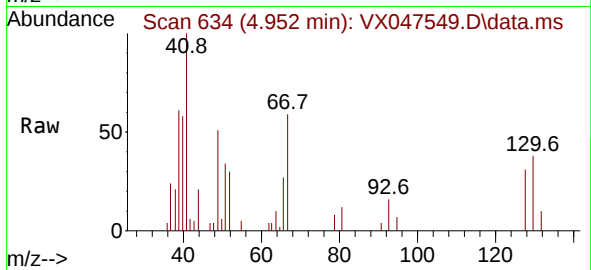
Tgt Ion: 78 Resp: 65097
Ion Ratio Lower Upper
78 100
77 22.5 18.5 27.7





#41
Methacrylonitrile
Concen: 4.059 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

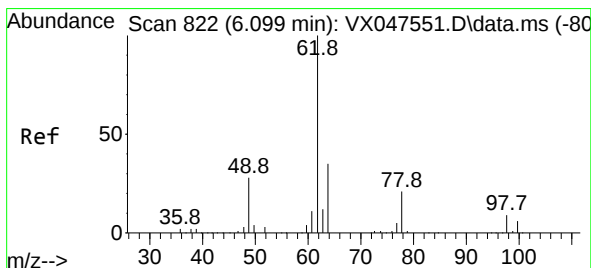
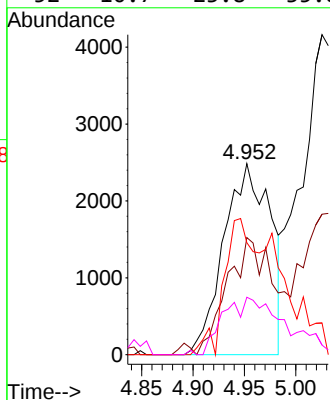
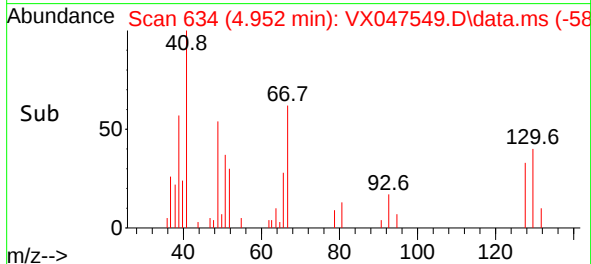
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 783
Ion Ratio Lower Upper
41 100
39 55.9 42.4 63.6
67 48.4 60.6 90.8
52 10.7 23.8 35.8

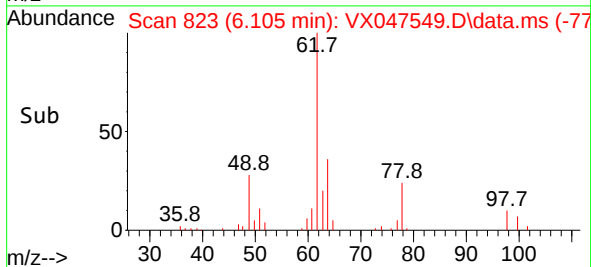
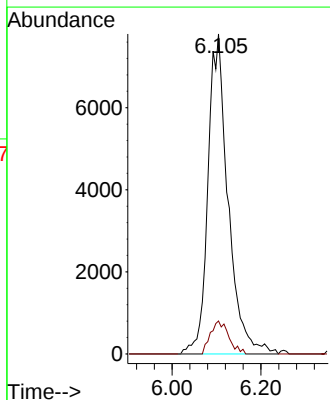
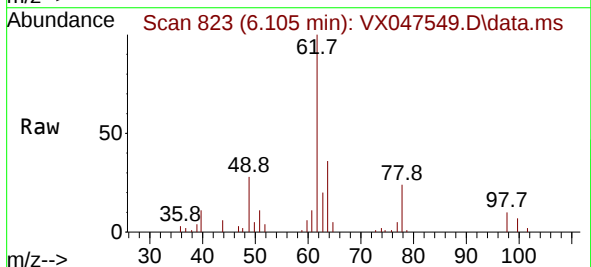
Manual Integrations
APPROVED

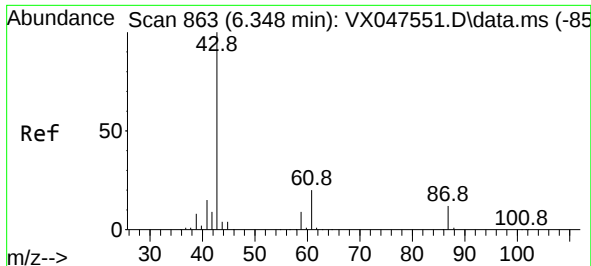
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#42
1,2-Dichloroethane
Concen: 5.167 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 62 Resp: 24546
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





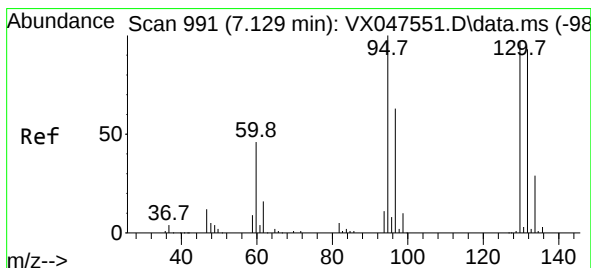
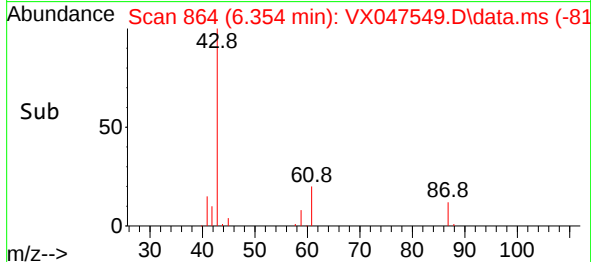
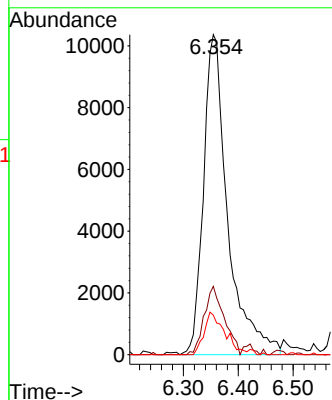
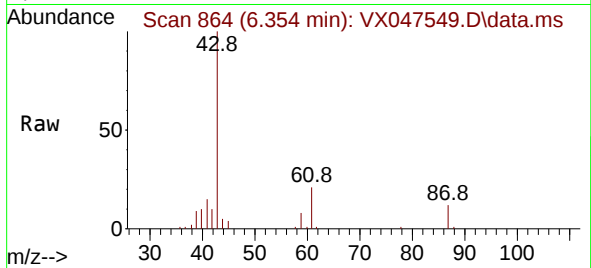
#43
Isopropyl Acetate
Concen: 4.859 ug/l
RT: 6.354 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:	43	Resp:	3181
Ion Ratio	Lower	Upper	
43	100		
61	17.7	15.4	23.2
87	11.3	9.9	14.9

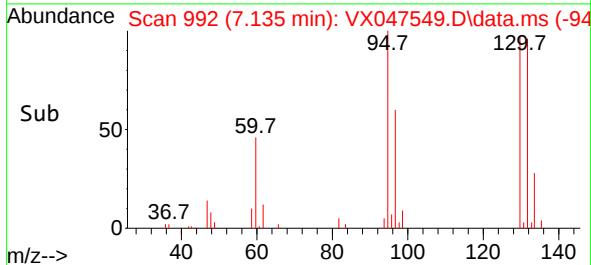
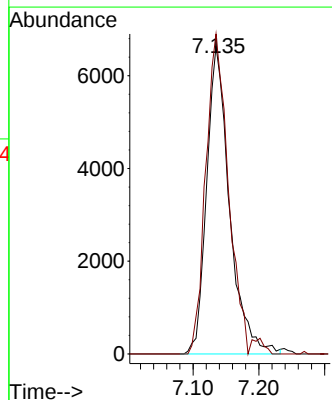
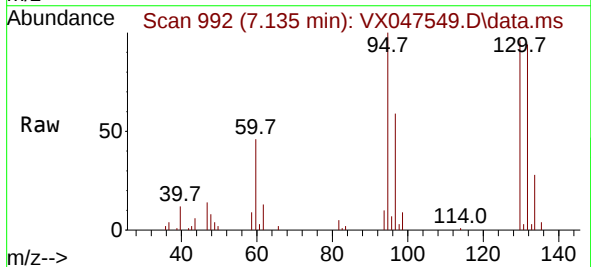
Manual Integrations
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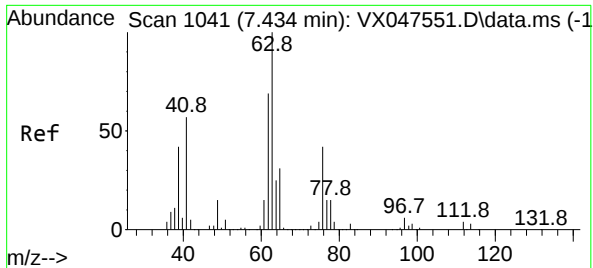
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#44
Trichloroethene
Concen: 4.907 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion:	130	Resp:	16044
Ion Ratio	Lower	Upper	
130	100		
95	104.0	0.0	206.6





#45

1,2-Dichloropropane

Concen: 4.755 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1580

Ion Ratio Lower Upper

63 100

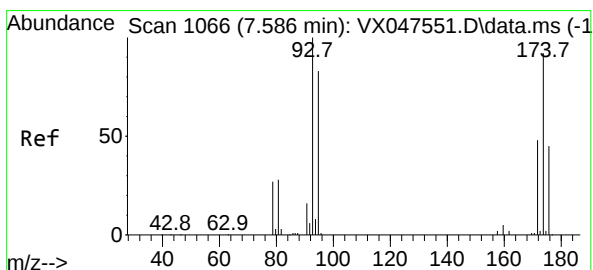
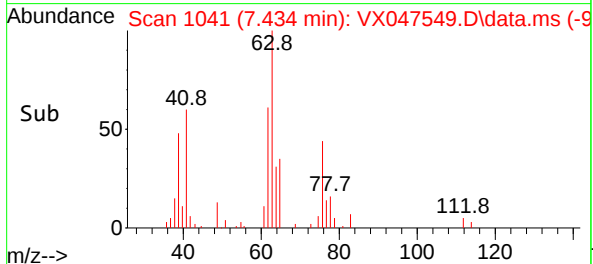
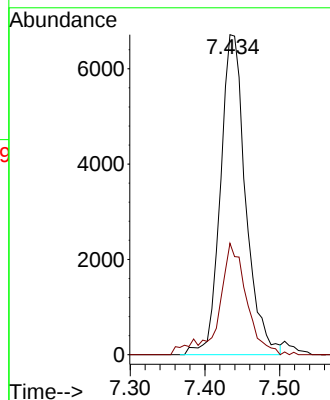
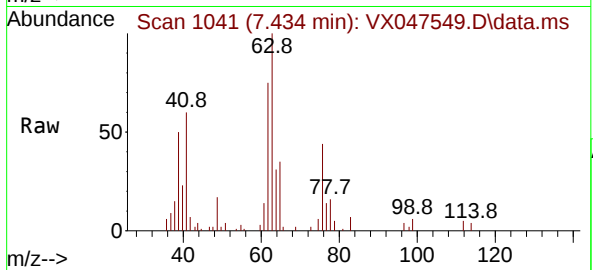
65 36.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#46

Dibromomethane

Concen: 4.987 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

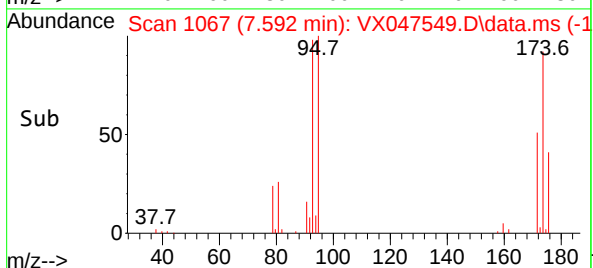
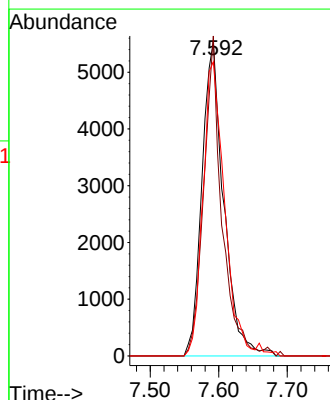
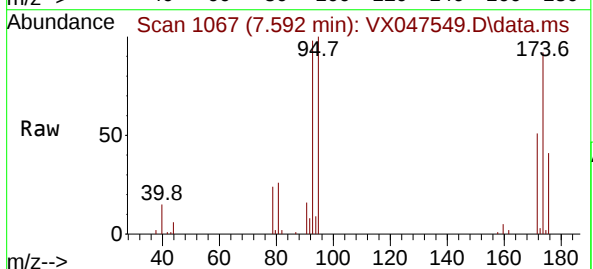
Tgt Ion: 93 Resp: 12204

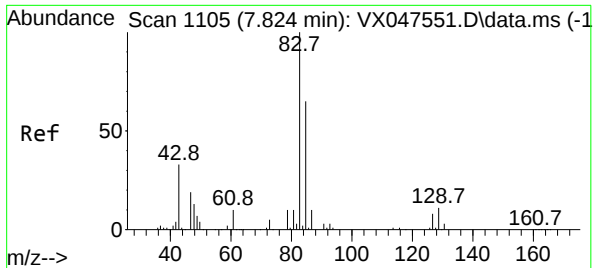
Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

174 93.0 75.2 112.8





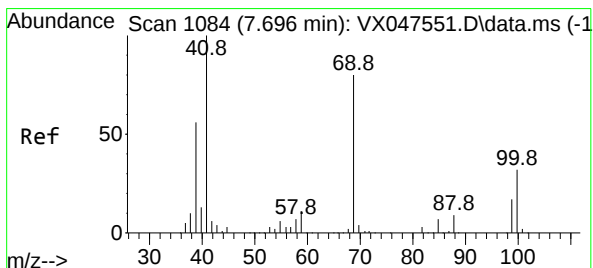
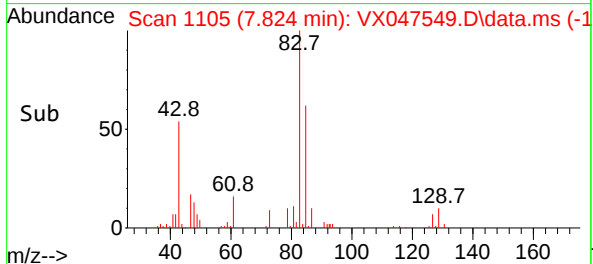
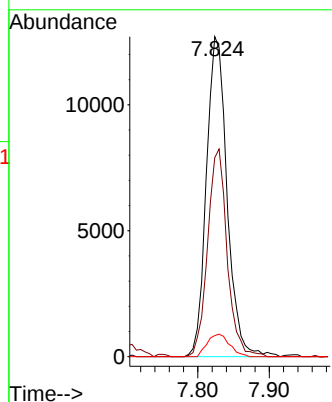
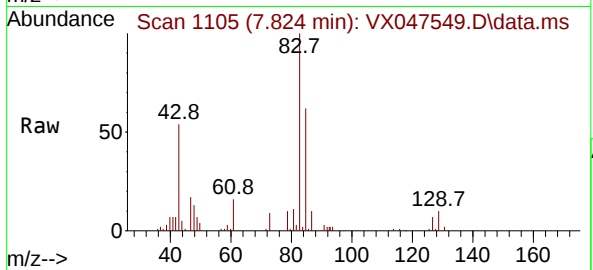
#47
Bromodichloromethane
Concen: 5.109 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 25570
Ion Ratio Lower Upper
83 100
85 62.9 52.0 78.0
127 6.6 6.8 10.2

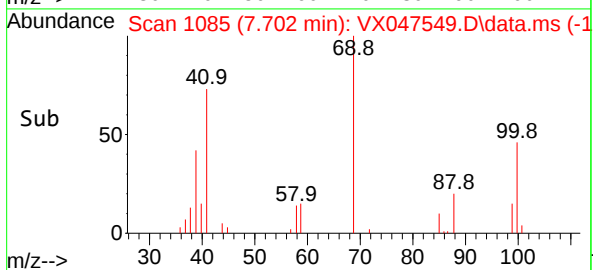
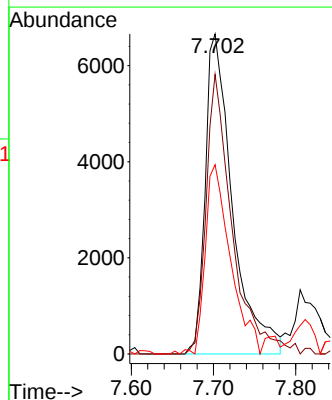
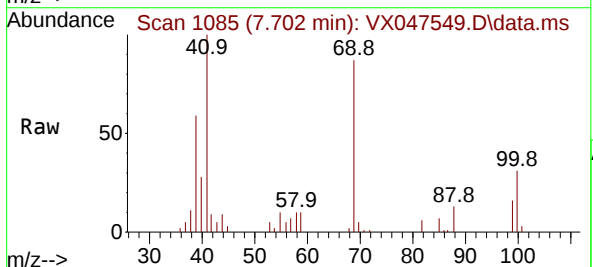
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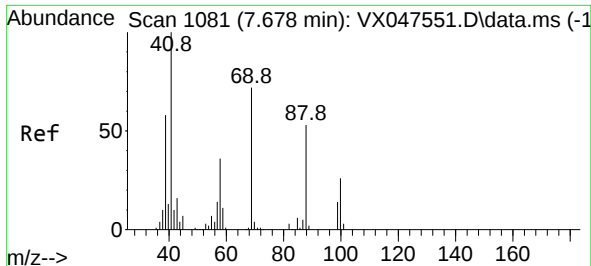
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#48
Methyl methacrylate
Concen: 4.555 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 41 Resp: 15339
Ion Ratio Lower Upper
41 100
69 84.0 63.4 95.2
39 54.7 44.7 67.1





#49

1,4-Dioxane

Concen: 89.990 ug/l

RT: 7.684 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047549.D

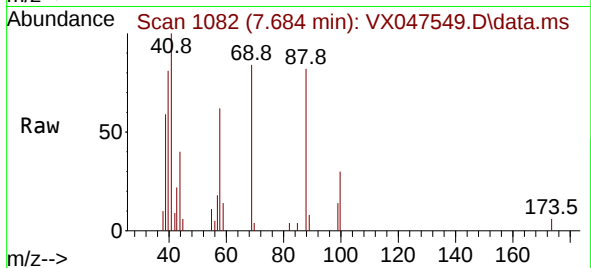
Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



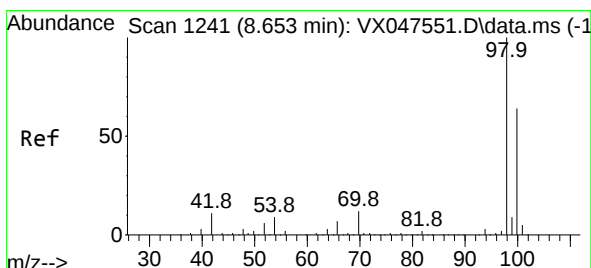
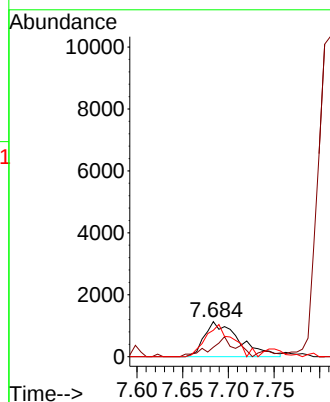
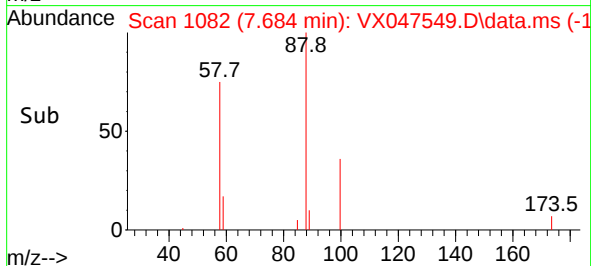
Tgt Ion:	88	Resp:	2998
Ion	Ratio	Lower	Upper
88	100		
43	39.8	31.9	47.9
58	71.6	57.5	86.3

Manual Integrations

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Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#50

Toluene-d8

Concen: 5.512 ug/l

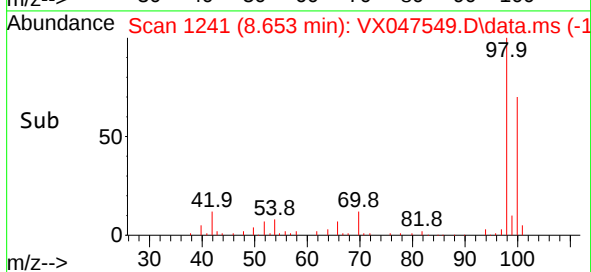
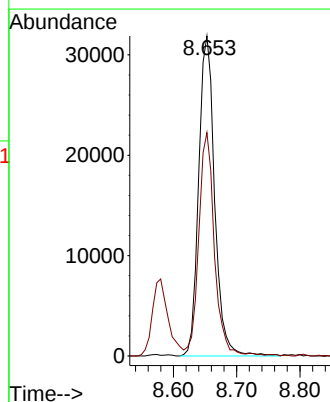
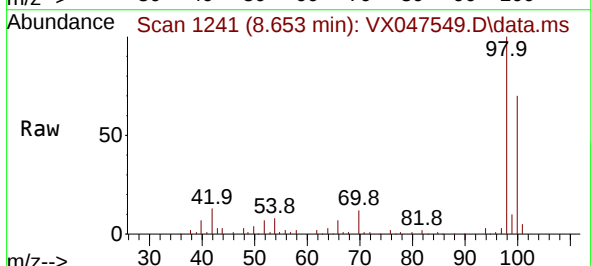
RT: 8.653 min Scan# 1241

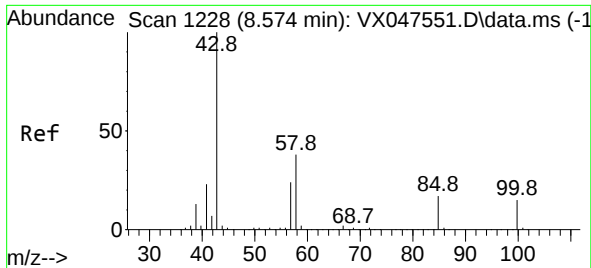
Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Tgt Ion:	98	Resp:	56116
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.5	80.3





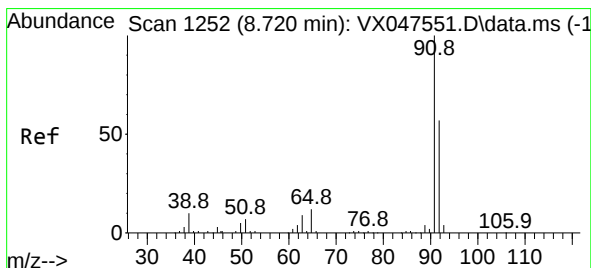
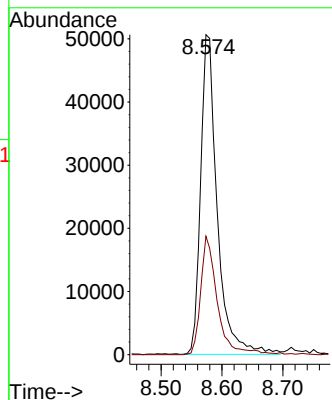
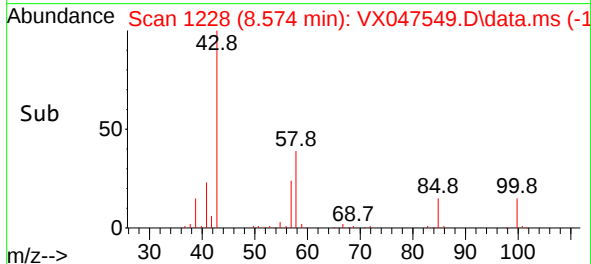
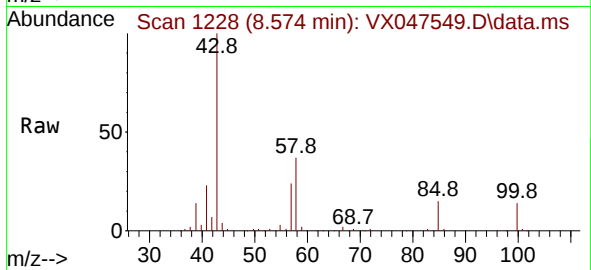
#51
4-Methyl-2-Pentanone
Concen: 24.773 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 95820
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

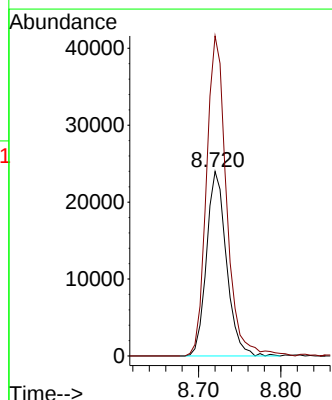
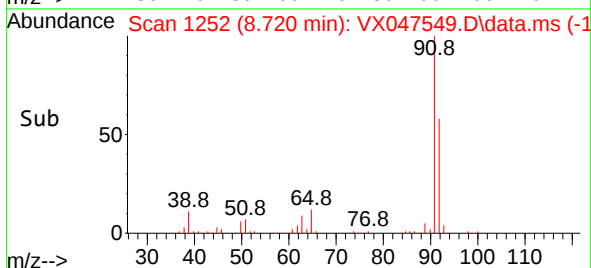
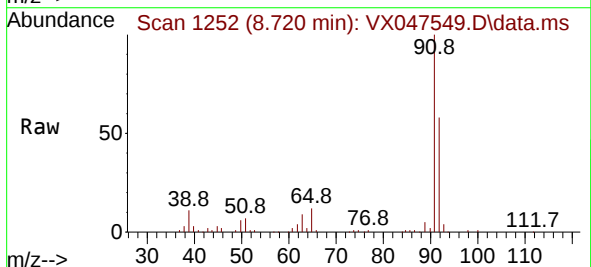
Manual Integrations
APPROVED

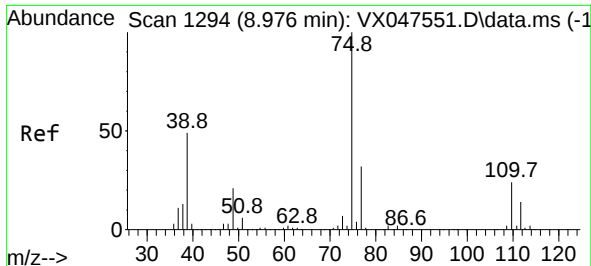
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#52
Toluene
Concen: 5.012 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 92 Resp: 40313
Ion Ratio Lower Upper
92 100
91 174.8 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 4.697 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 21179

Ion Ratio Lower Upper

75 100

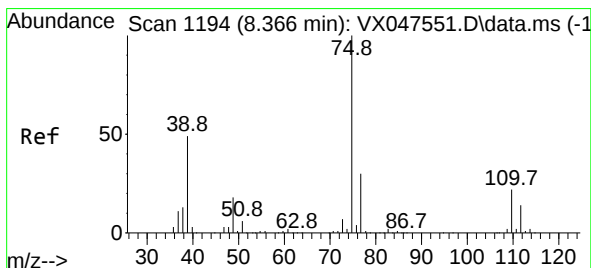
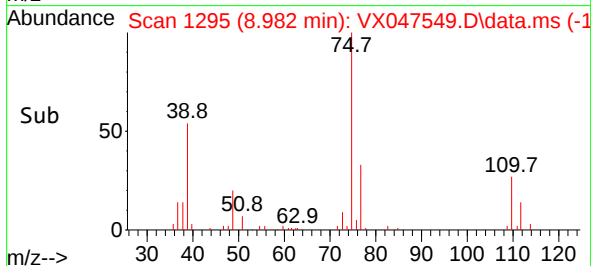
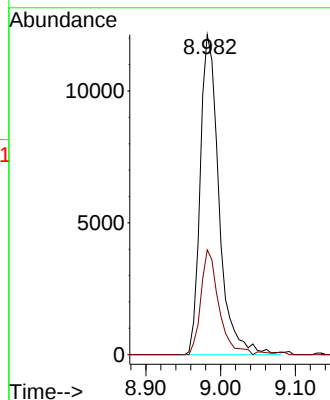
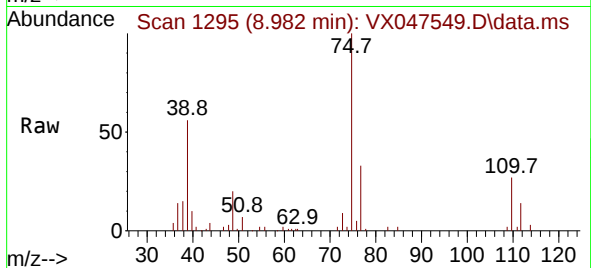
77 32.8 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#54

cis-1,3-Dichloropropene

Concen: 4.681 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

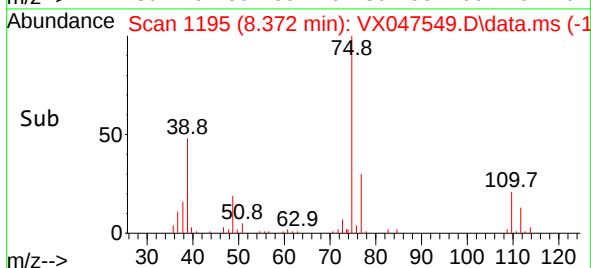
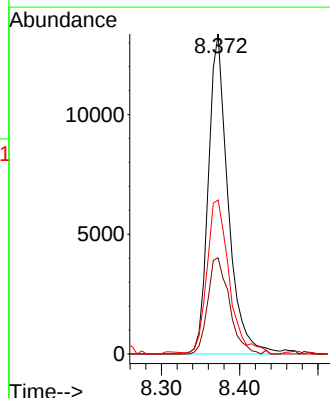
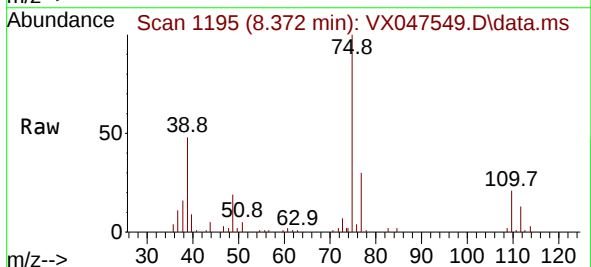
Tgt Ion: 75 Resp: 23387

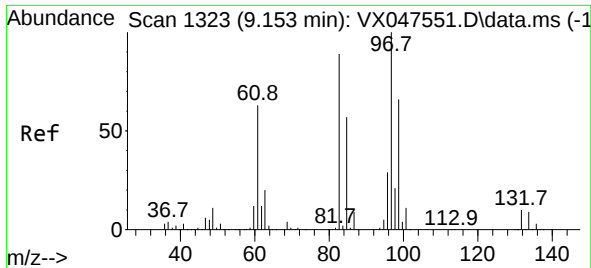
Ion Ratio Lower Upper

75 100

77 30.1 24.3 36.5

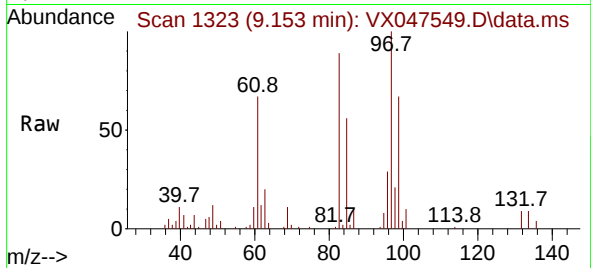
39 50.9 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 5.107 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

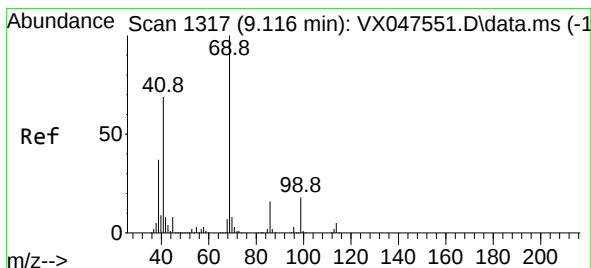
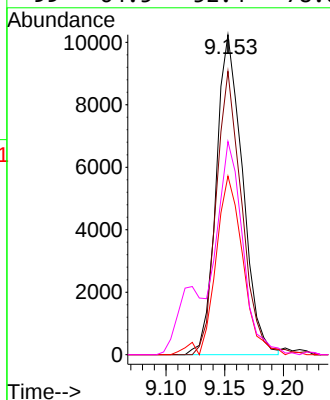
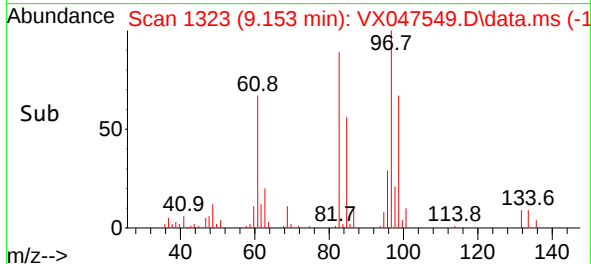
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	71.4	107.0
85	56.9	45.6	68.4
99	64.5	52.4	78.6

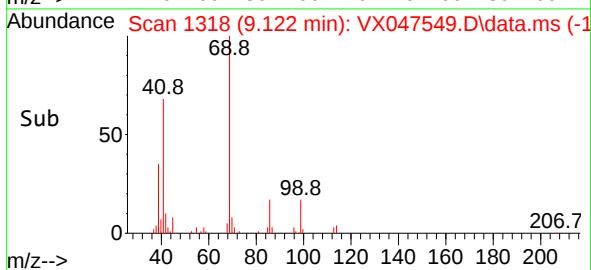
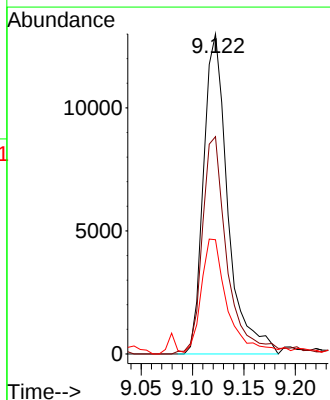
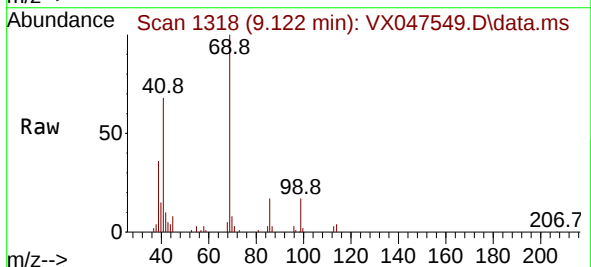
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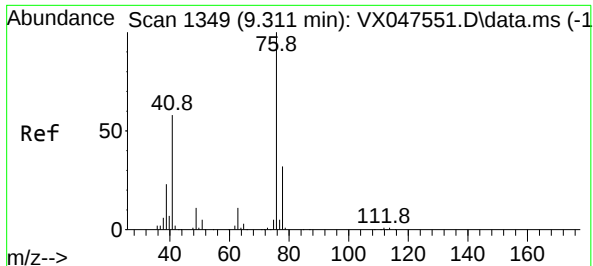
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#56
Ethyl methacrylate
Concen: 4.603 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.0	82.4
39	37.5	29.8	44.6





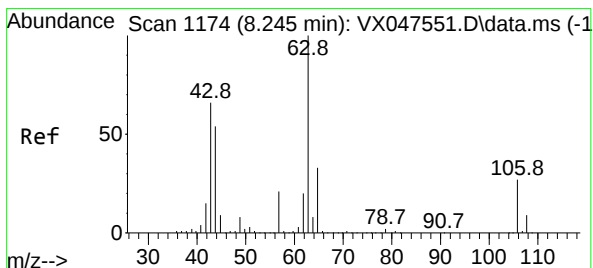
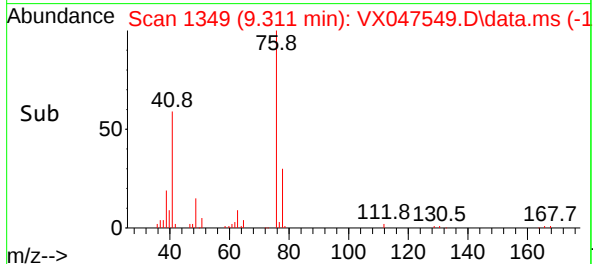
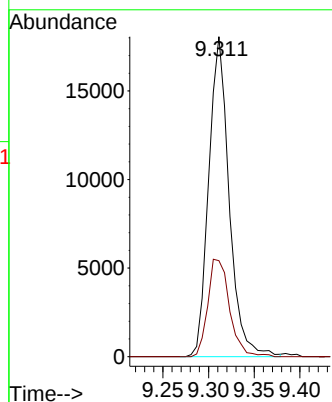
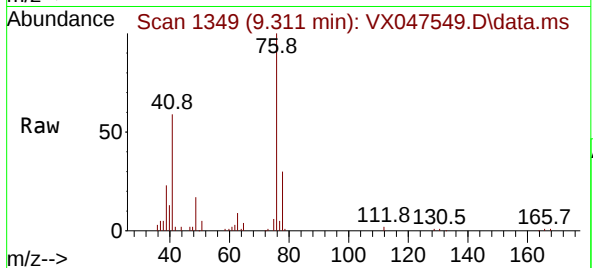
#57
1,3-Dichloropropane
Concen: 5.166 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 28064
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

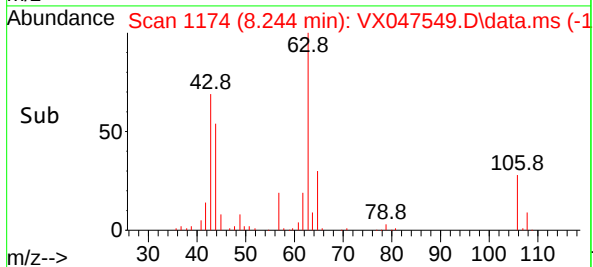
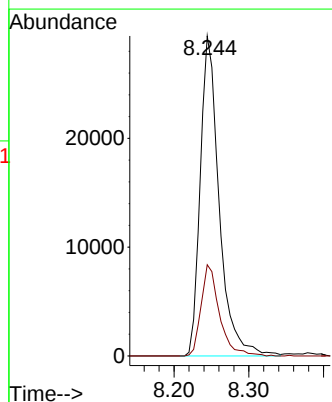
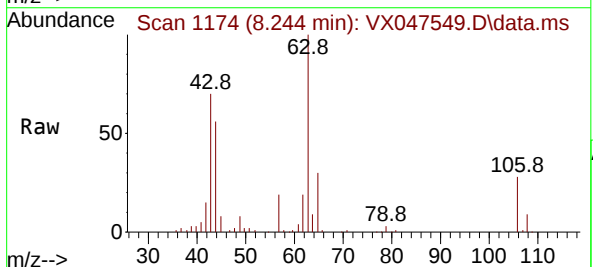
Manual Integrations
APPROVED

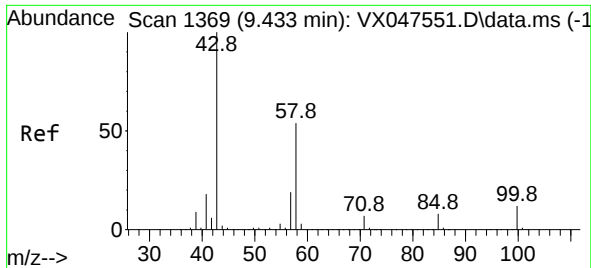
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 25.727 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 63 Resp: 51737
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.4





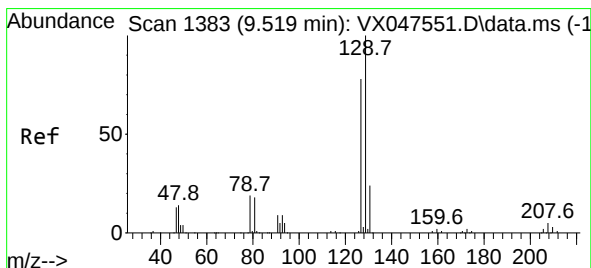
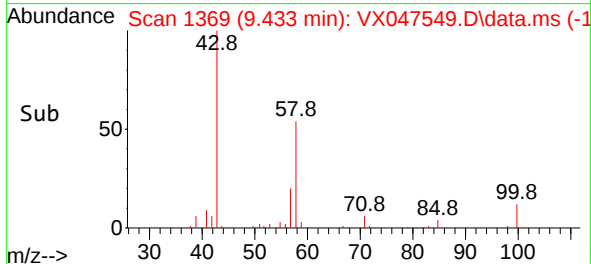
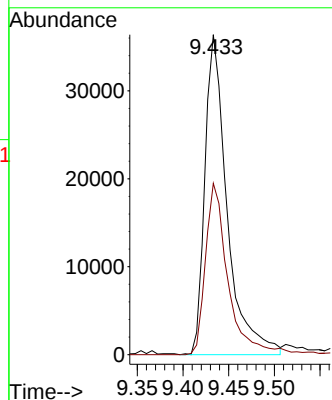
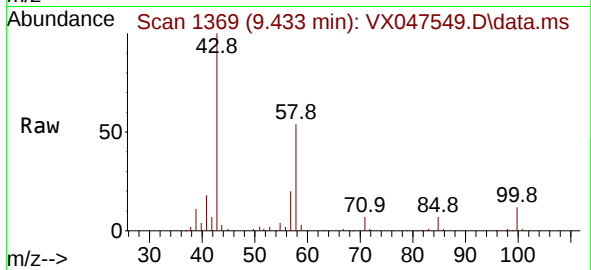
#59
2-Hexanone
Concen: 23.272 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 61490
Ion Ratio Lower Upper
43 100
58 54.8 26.7 80.0

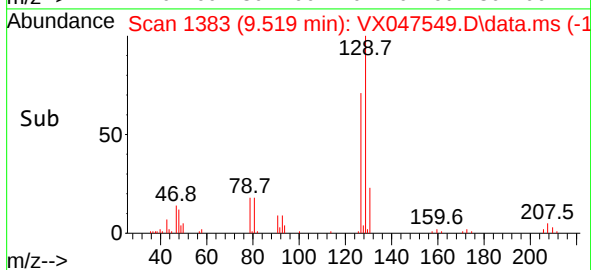
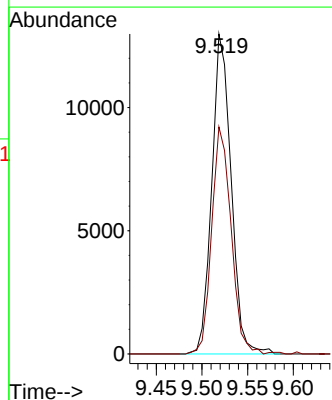
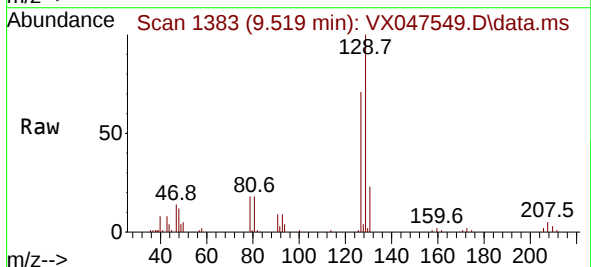
Manual Integrations
APPROVED

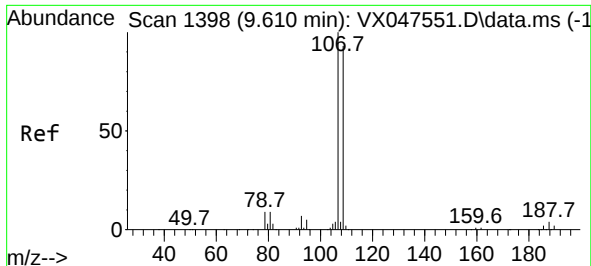
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#60
Dibromochloromethane
Concen: 5.090 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

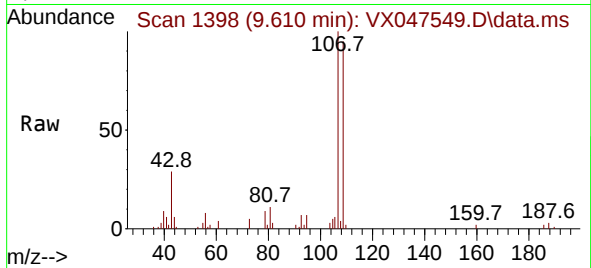
Tgt Ion:129 Resp: 19078
Ion Ratio Lower Upper
129 100
127 71.2 38.5 115.3





#61
1,2-Dibromoethane
Concen: 4.975 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

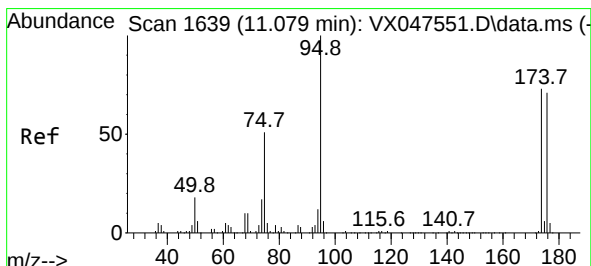
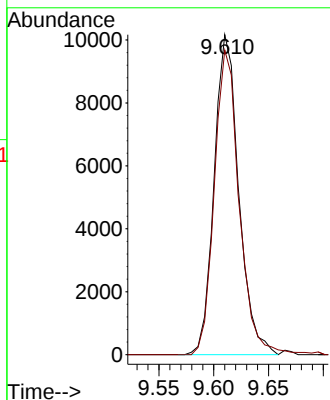
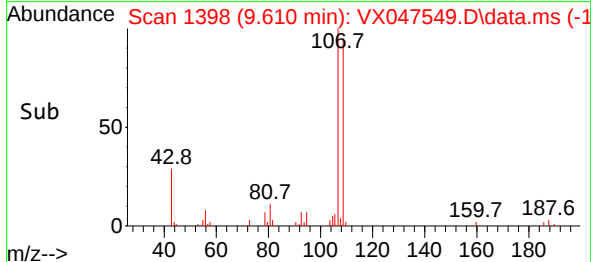
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 15884
Ion Ratio Lower Upper
107 100
109 96.5 75.5 113.3

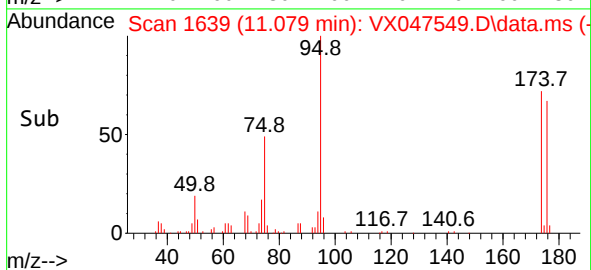
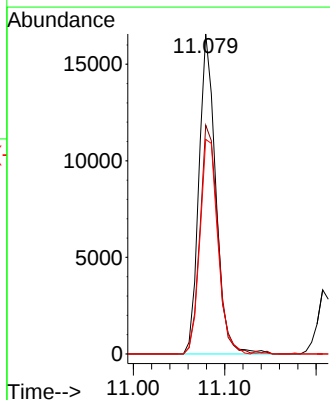
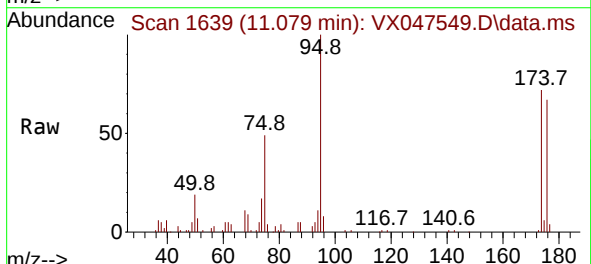
Manual Integrations
APPROVED

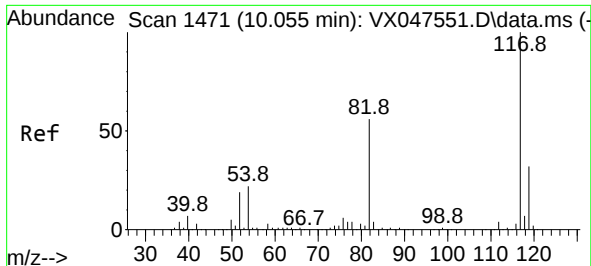
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#62
4-Bromofluorobenzene
Concen: 5.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

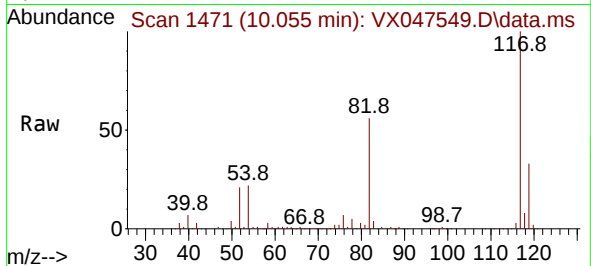
Tgt Ion: 95 Resp: 21250
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 71.6 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

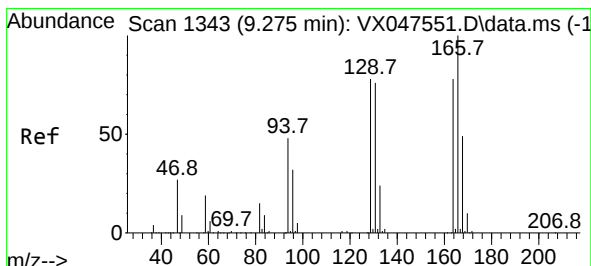
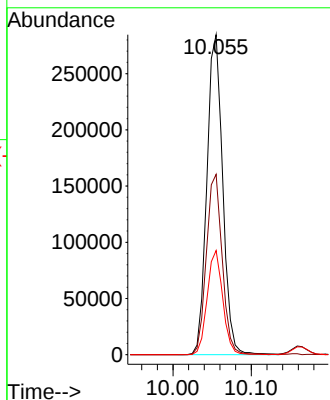
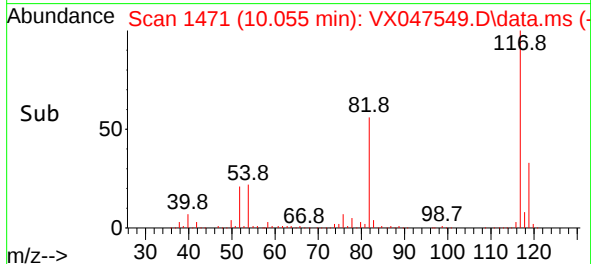
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 398418
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 32.6 25.7 38.5

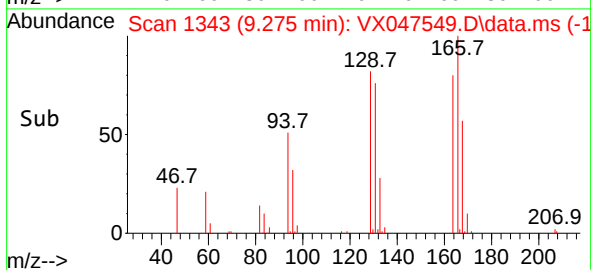
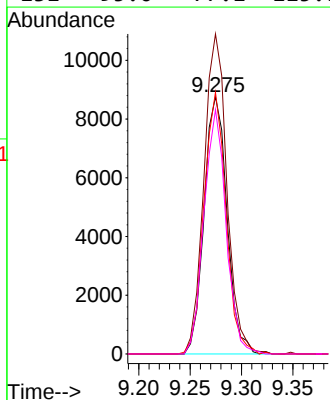
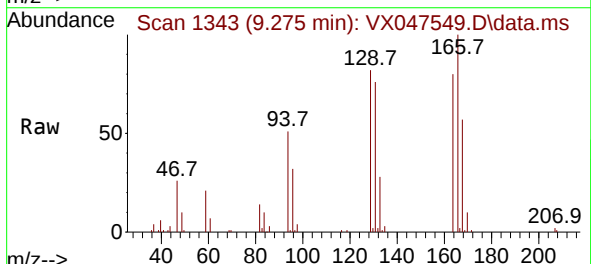
Manual Integrations
APPROVED

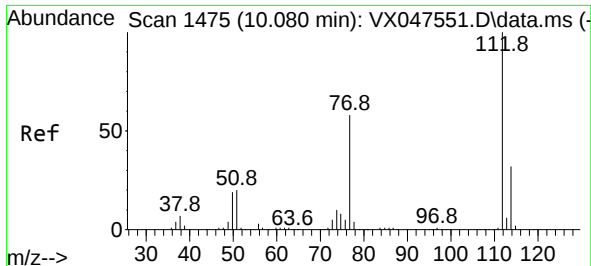
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#64
Tetrachloroethene
Concen: 5.082 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion:164 Resp: 13565
Ion Ratio Lower Upper
164 100
166 127.0 102.1 153.1
129 101.8 79.3 118.9
131 95.0 77.1 115.7





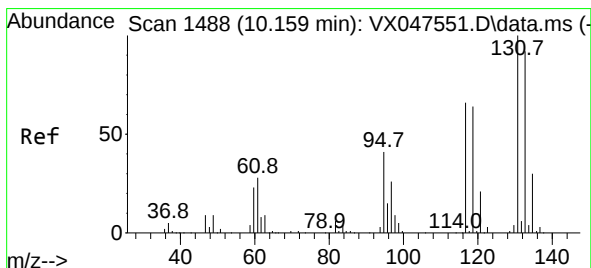
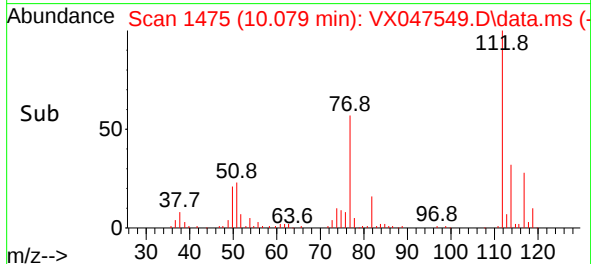
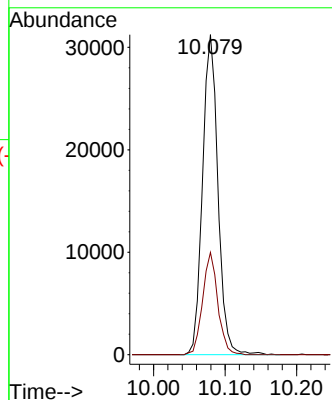
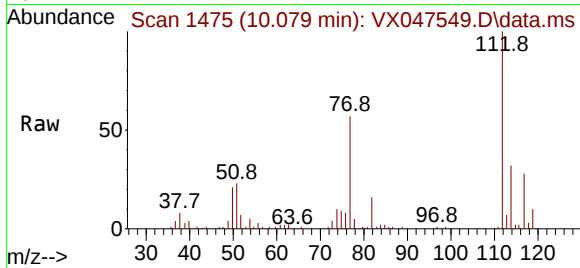
#65
Chlorobenzene
Concen: 5.005 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 46679
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

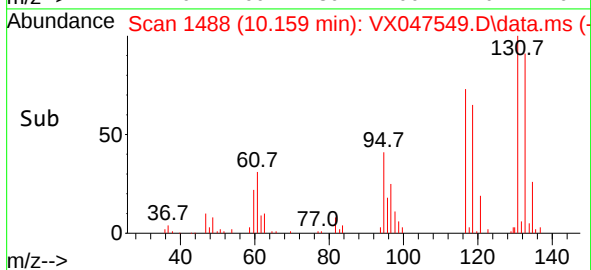
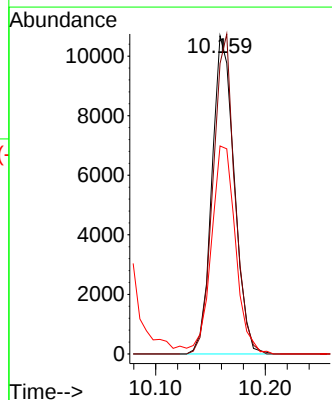
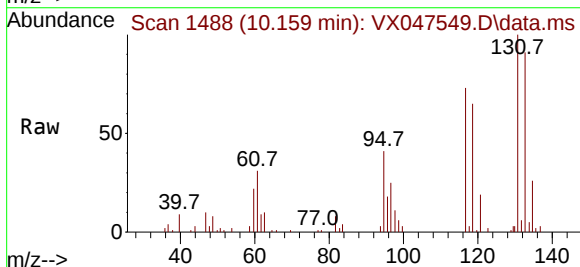
Manual Integrations
APPROVED

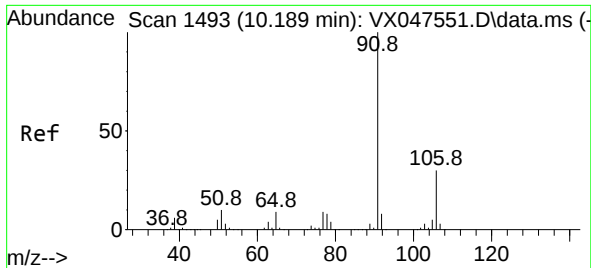
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.777 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion:131 Resp: 15108
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.3
119 70.5 32.6 97.7





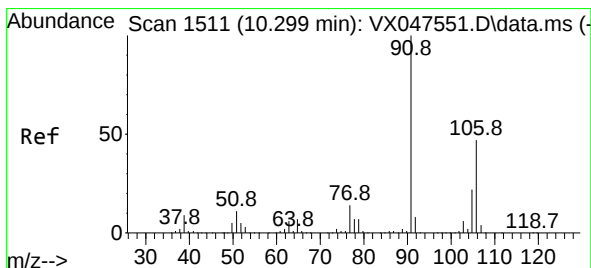
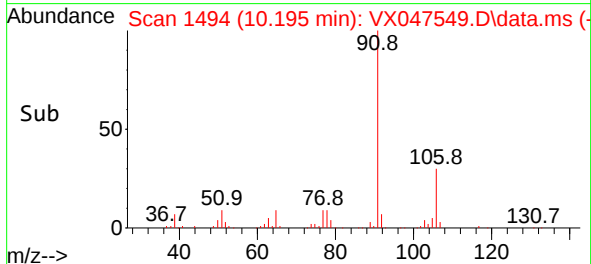
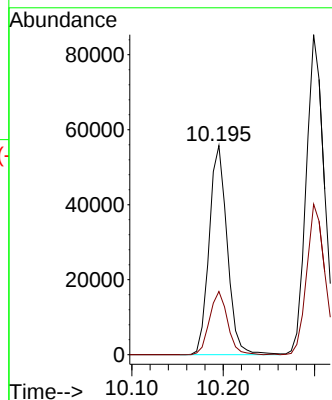
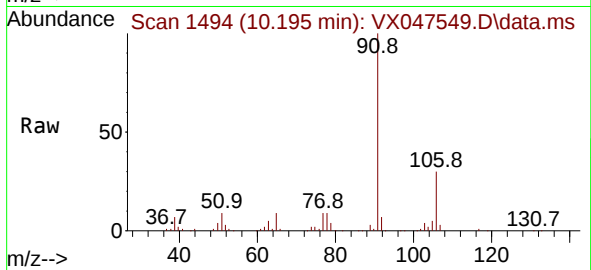
#67
Ethyl Benzene
Concen: 4.875 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7641
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

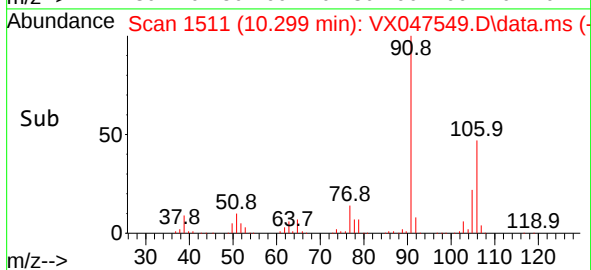
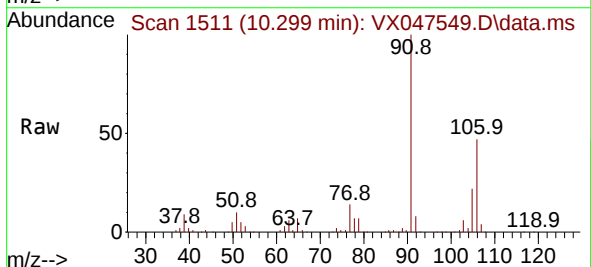
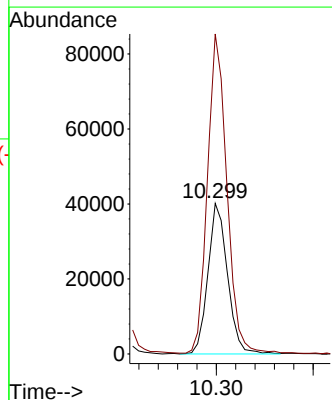
Manual Integrations
APPROVED

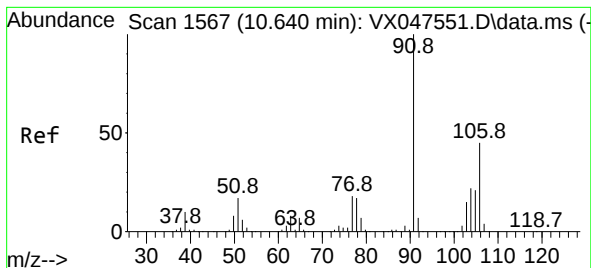
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#68
m/p-Xylenes
Concen: 9.720 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

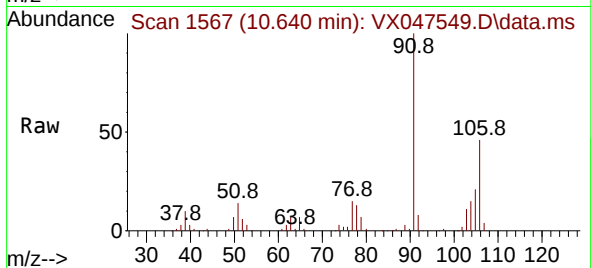
Tgt Ion:106 Resp: 56579
Ion Ratio Lower Upper
106 100
91 210.5 166.1 249.1





#69
o-Xylene
Concen: 4.997 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

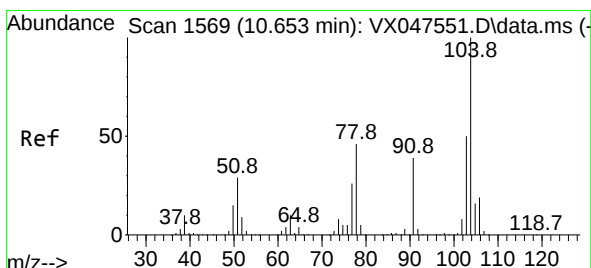
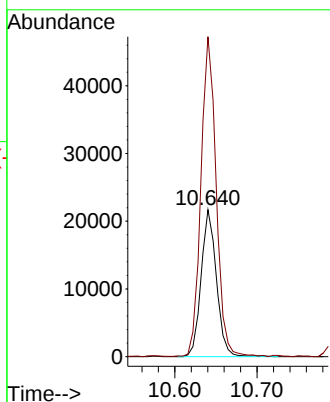
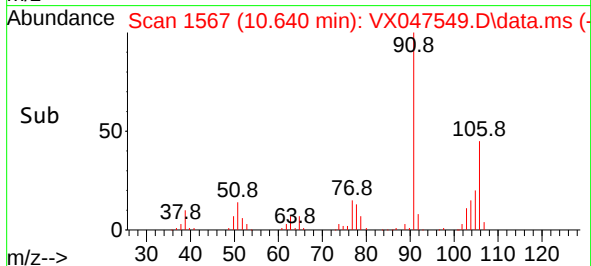
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 28024
Ion Ratio Lower Upper
106 100
91 217.5 109.9 329.7

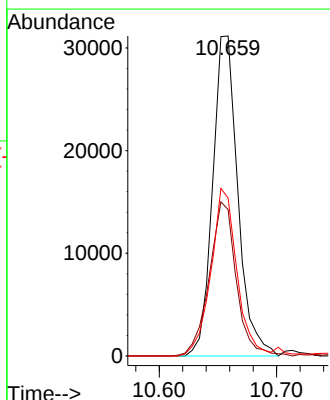
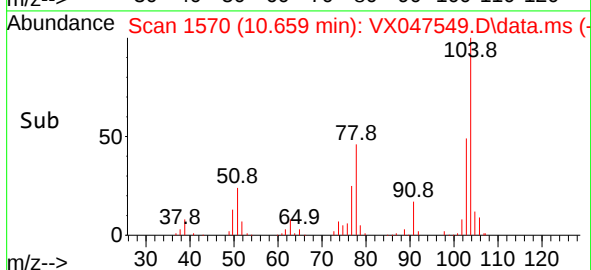
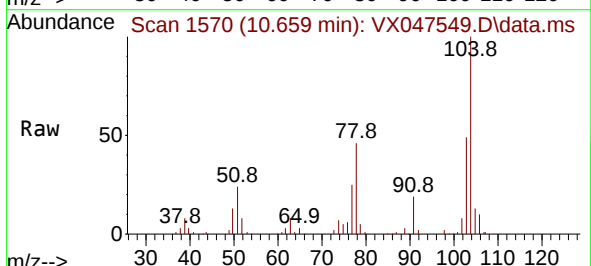
Manual Integrations
APPROVED

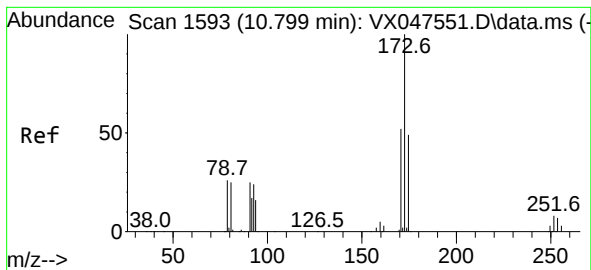
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#70
Styrene
Concen: 4.784 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion:104 Resp: 46549
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 53.9 43.0 64.4





#71

Bromoform

Concen: 4.769 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 11480

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

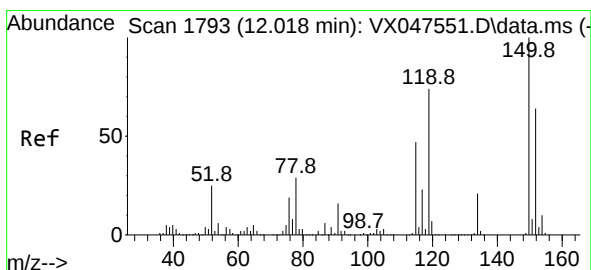
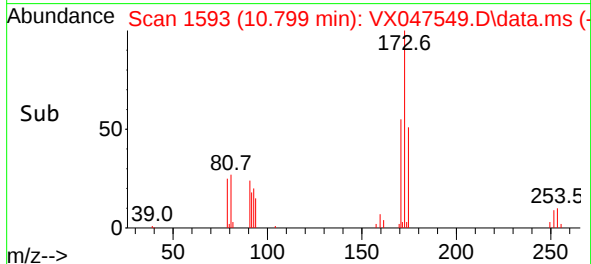
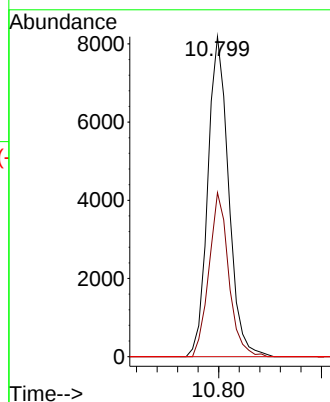
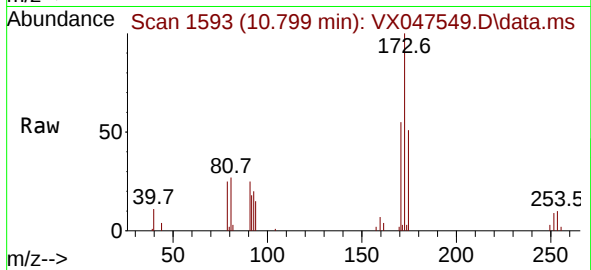
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

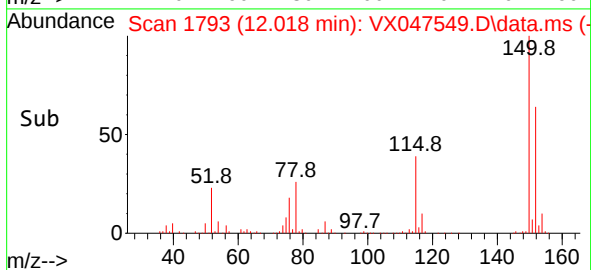
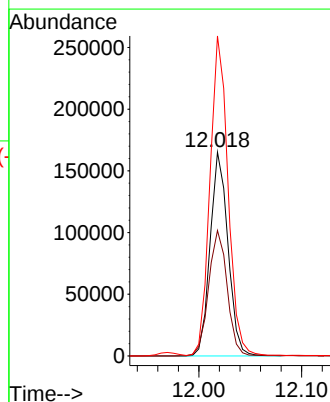
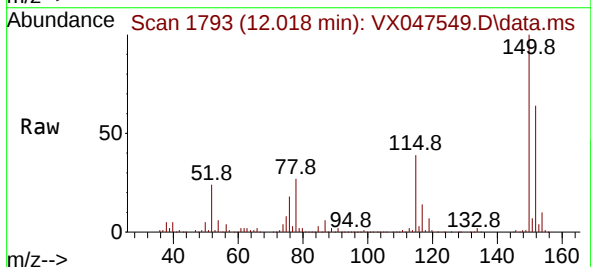
Tgt Ion:152 Resp: 199979

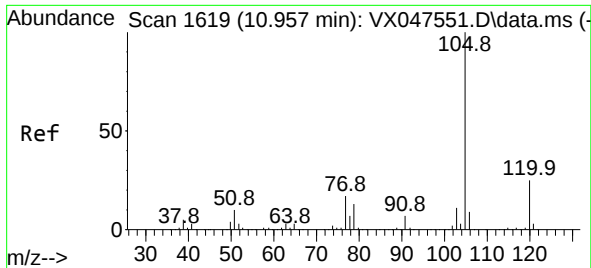
Ion Ratio Lower Upper

152 100

115 64.0 42.9 128.5

150 159.2 0.0 351.0





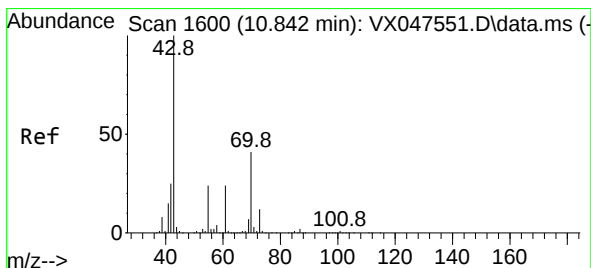
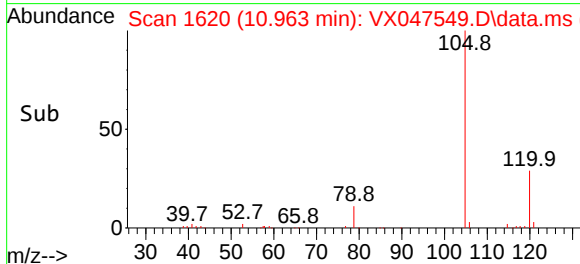
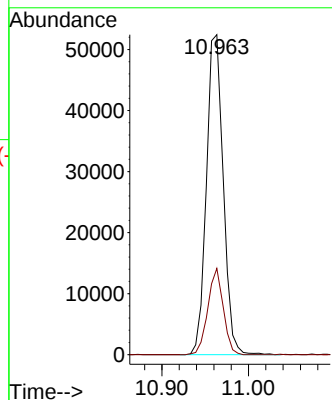
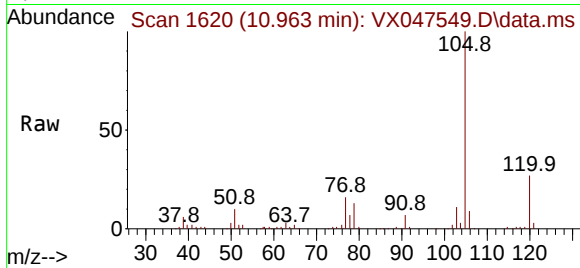
#73
Isopropylbenzene
Concen: 4.808 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 70748
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4

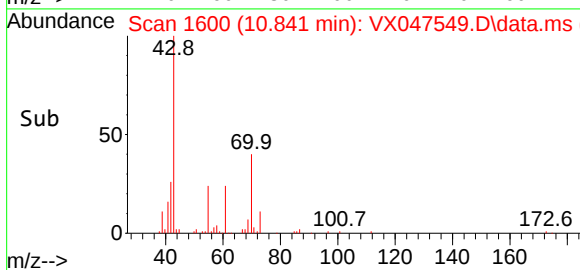
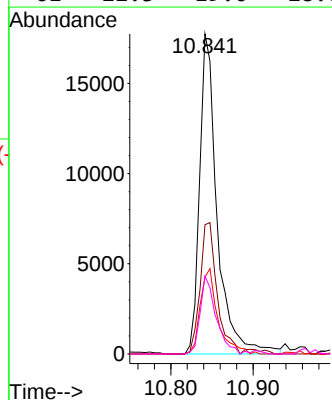
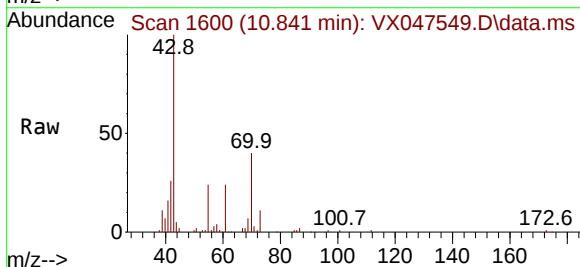
Manual Integrations
APPROVED

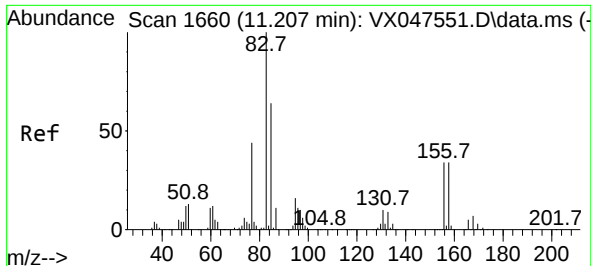
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#74
N-ethyl acetate
Concen: 4.353 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

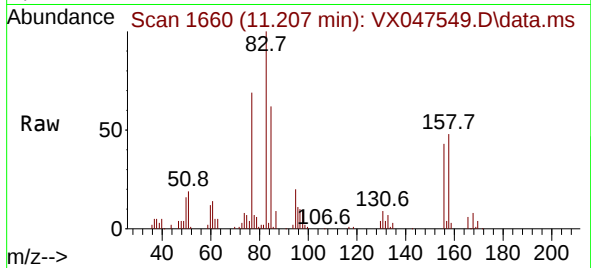
Tgt Ion: 43 Resp: 26450
Ion Ratio Lower Upper
43 100
70 39.3 32.9 49.3
55 26.5 19.2 28.8
61 22.3 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 5.039 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

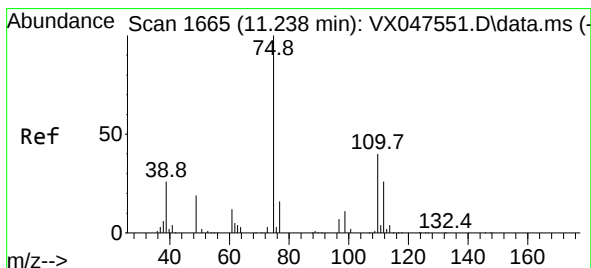
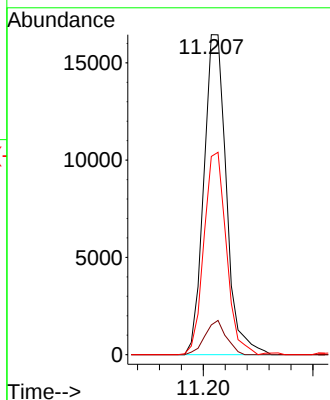
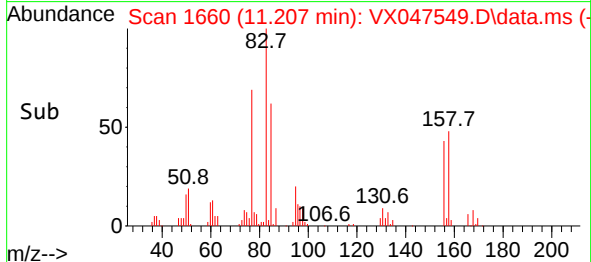
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 23439
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.0 32.4 97.0

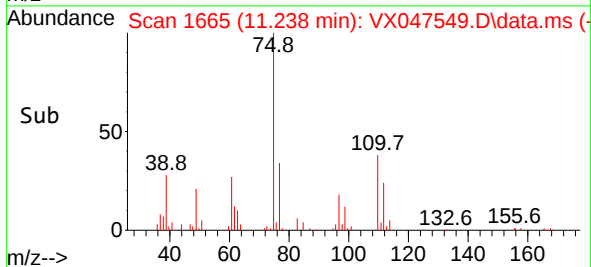
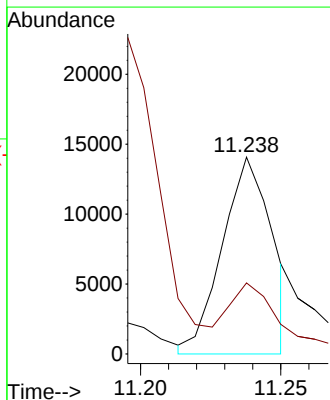
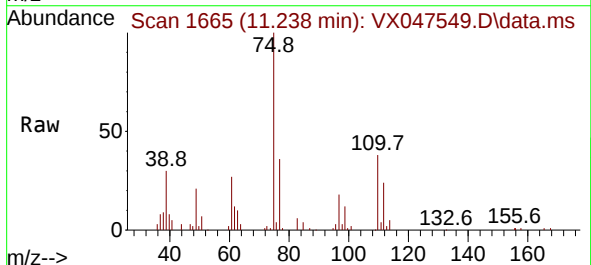
Manual Integrations
APPROVED

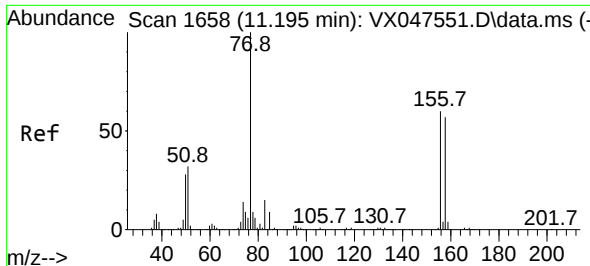
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#76
1,2,3-Trichloropropane
Concen: 4.750 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

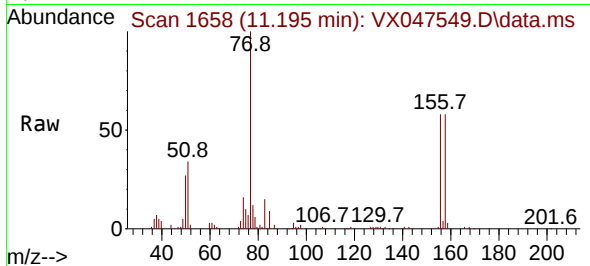
Tgt Ion: 75 Resp: 17363
Ion Ratio Lower Upper
75 100
77 39.2 19.7 59.1





#77
Bromobenzene
Concen: 4.882 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

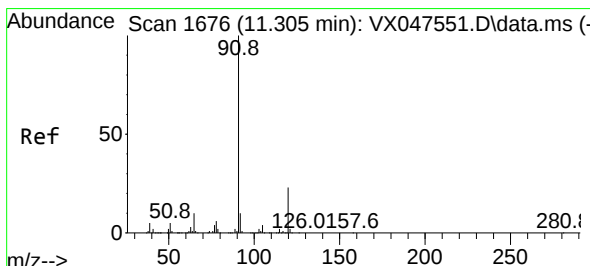
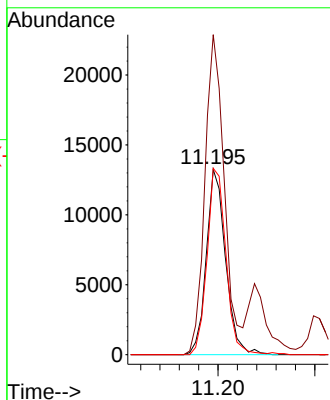
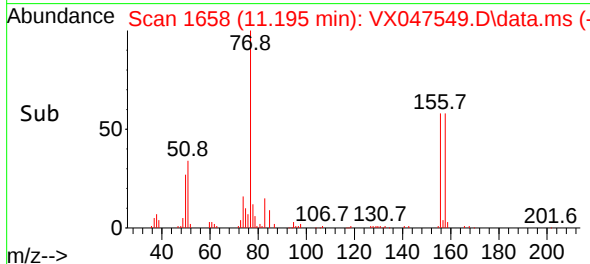
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



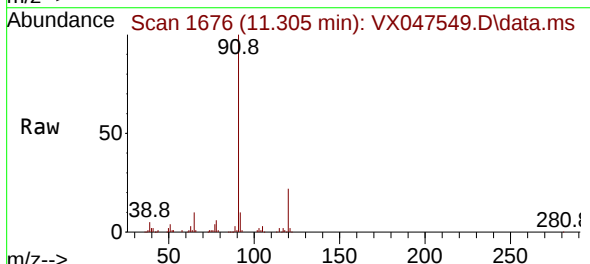
Tgt Ion:156 Resp: 18378
Ion Ratio Lower Upper
156 100
77 174.4 84.4 253.1
158 98.3 47.4 142.3

Manual Integrations
APPROVED

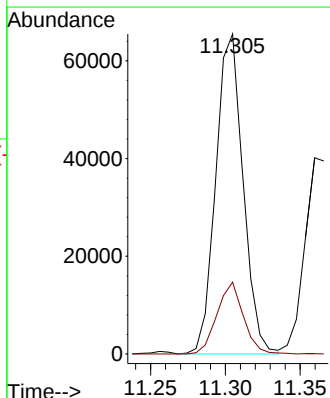
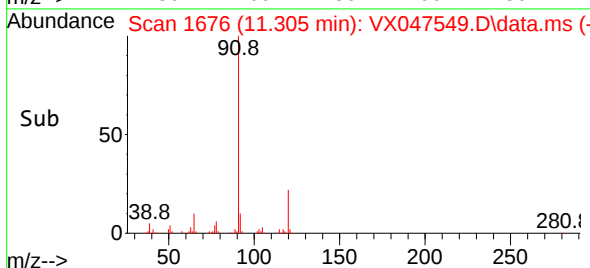
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

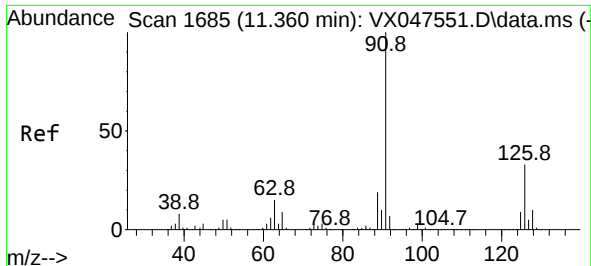


#78
n-propylbenzene
Concen: 4.749 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11



Tgt Ion: 91 Resp: 83197
Ion Ratio Lower Upper
91 100
120 21.7 11.2 33.6





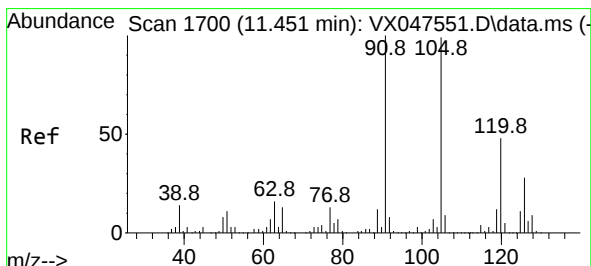
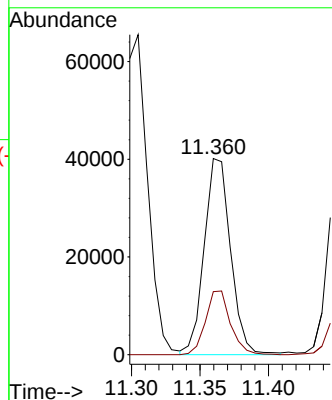
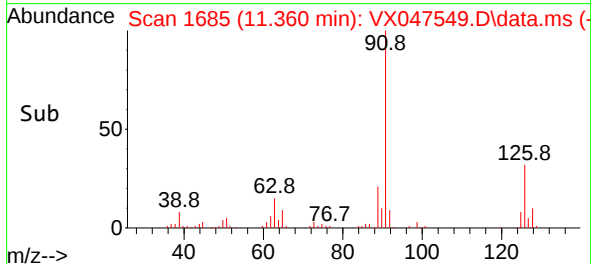
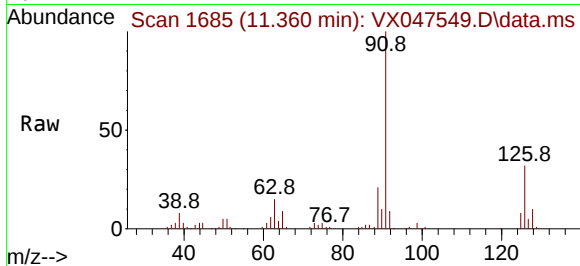
#79
2-Chlorotoluene
Concen: 4.956 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 53852
Ion Ratio Lower Upper
91 100
126 30.6 16.4 49.2

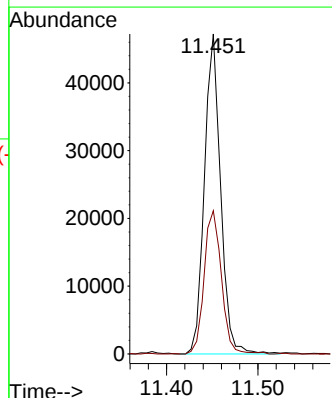
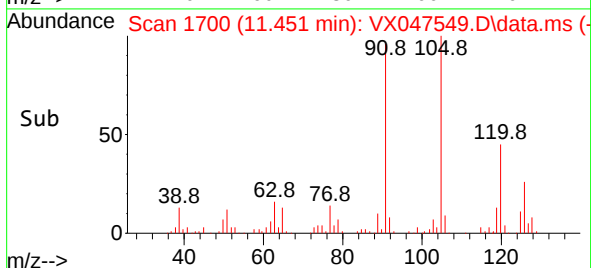
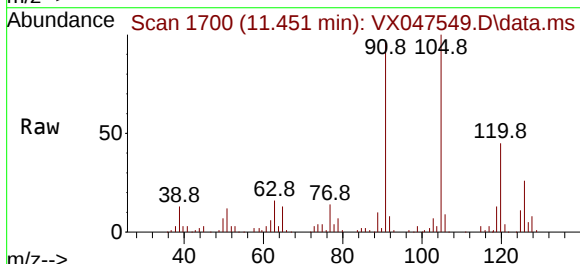
Manual Integrations
APPROVED

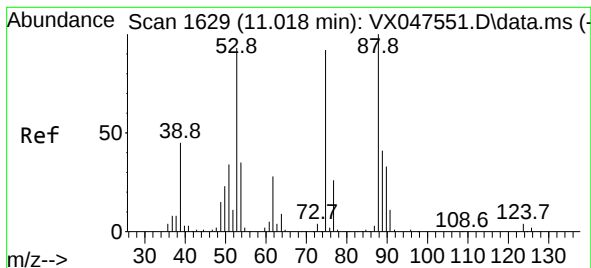
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.812 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

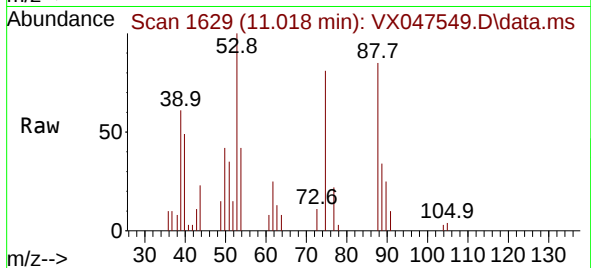
Tgt Ion:105 Resp: 57901
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 9.912 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

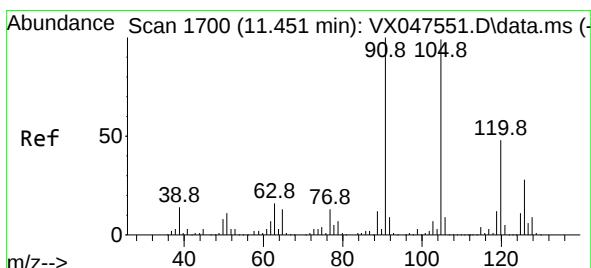
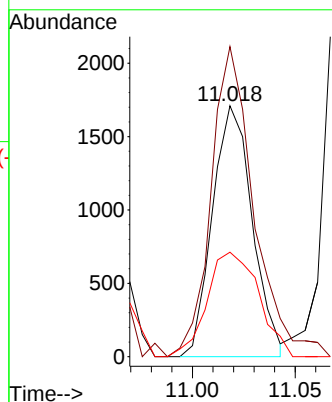
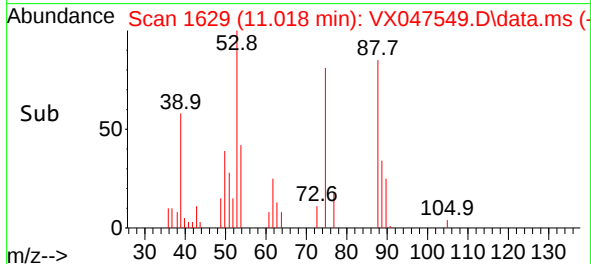
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2309
Ion Ratio Lower Upper
75 100
53 132.6 85.7 128.5
89 53.8 36.4 54.6

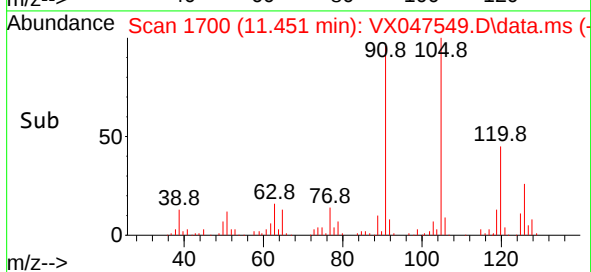
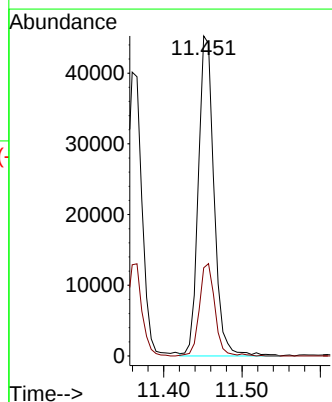
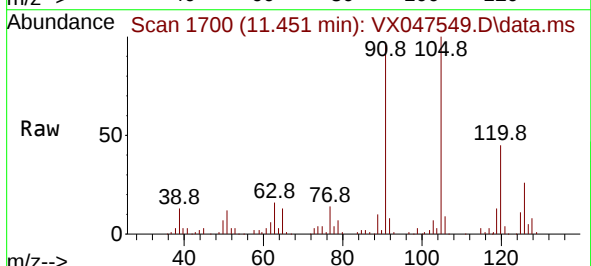
Manual Integrations
APPROVED

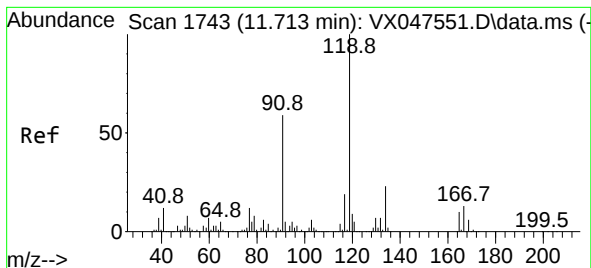
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#82
4-Chlorotoluene
Concen: 4.961 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 91 Resp: 63251
Ion Ratio Lower Upper
91 100
126 28.0 14.6 43.8





#83

tert-Butylbenzene

Concen: 4.798 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

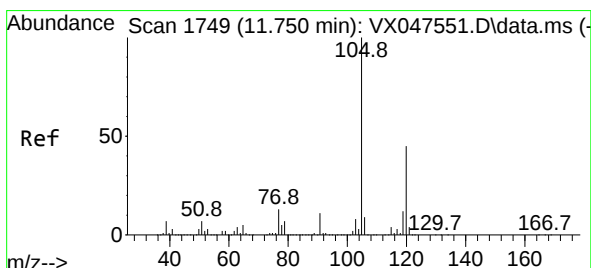
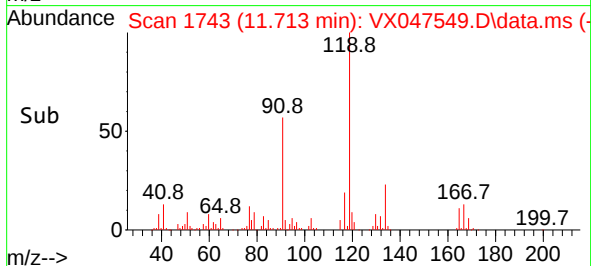
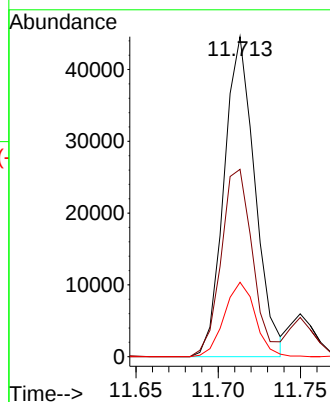
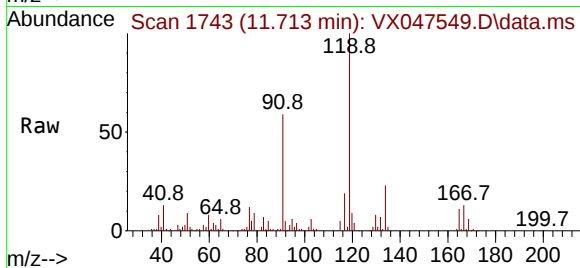
Tgt Ion:	119	Resp:	5819
Ion Ratio	Lower	Upper	
119	100		
91	60.2	28.5	85.5
134	23.4	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.762 ug/l

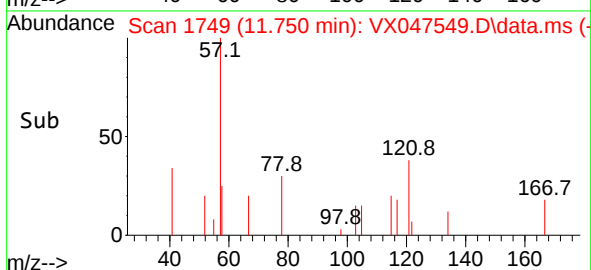
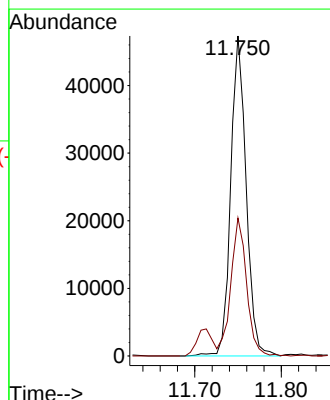
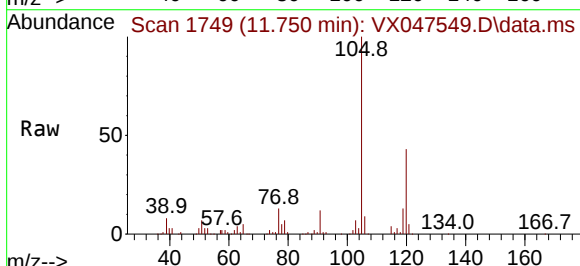
RT: 11.750 min Scan# 1749

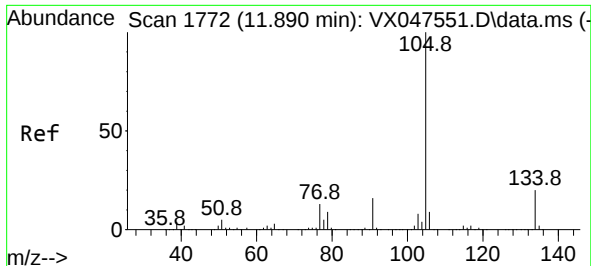
Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

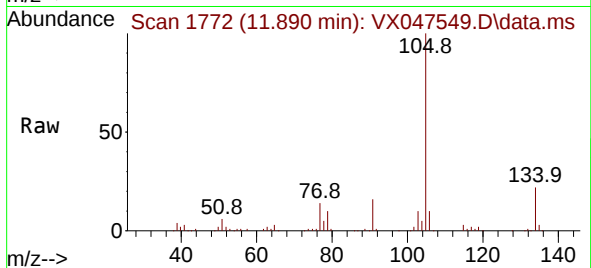
Tgt Ion:	105	Resp:	58402
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.3	66.8





#85
sec-Butylbenzene
Concen: 4.756 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

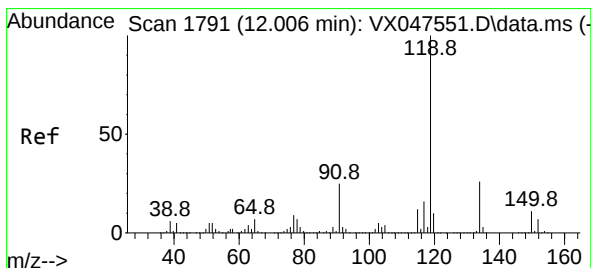
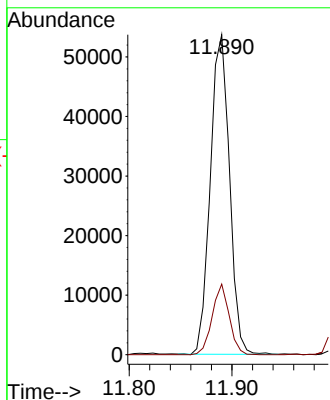
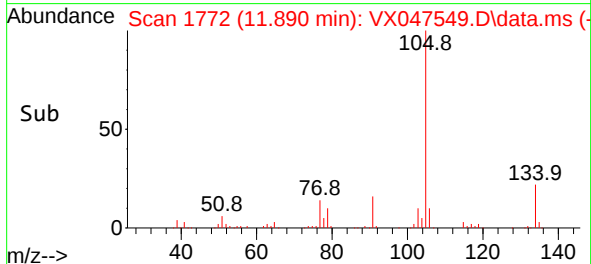
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



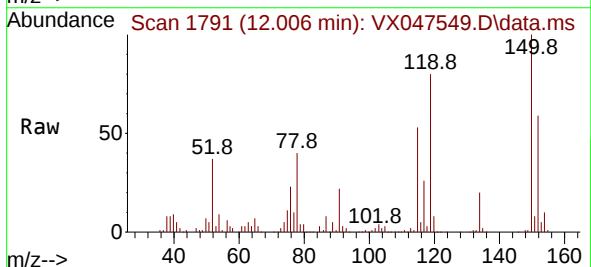
Tgt Ion:105 Resp: 6940
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.5

Manual Integrations
APPROVED

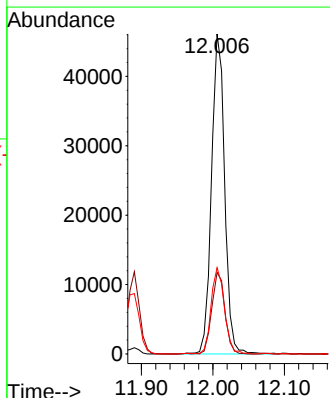
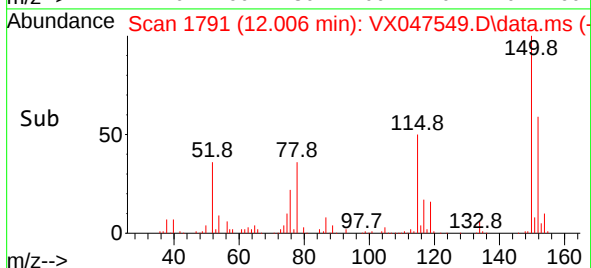
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

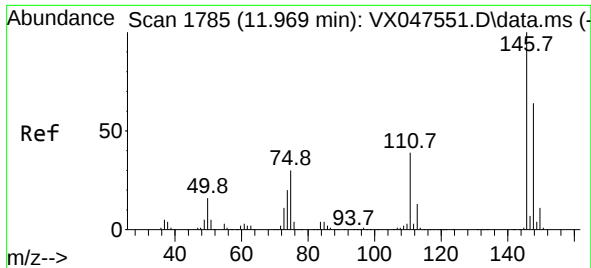


#86
p-Isopropyltoluene
Concen: 4.805 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11



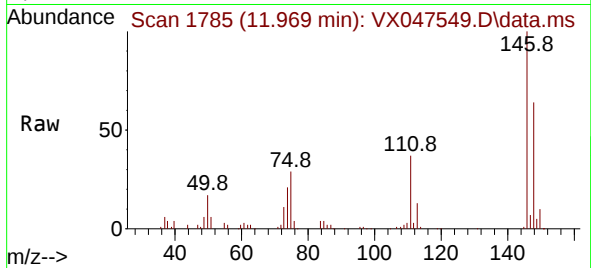
Tgt Ion:119 Resp: 58776
Ion Ratio Lower Upper
119 100
134 25.4 13.0 38.9
91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 5.025 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

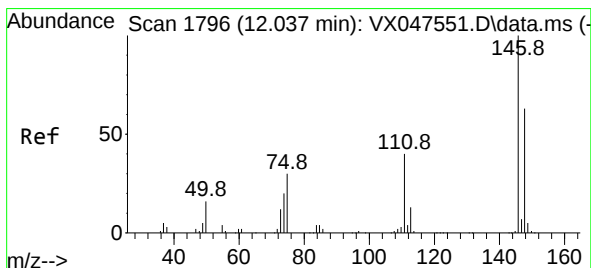
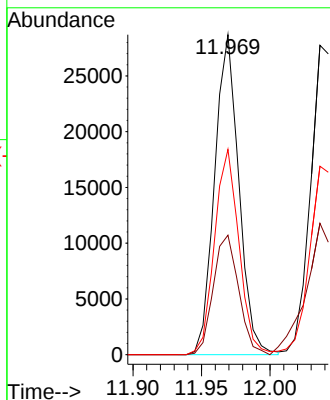
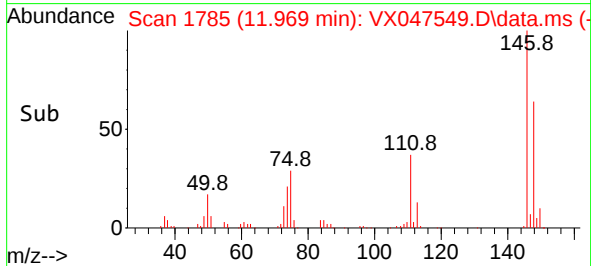
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



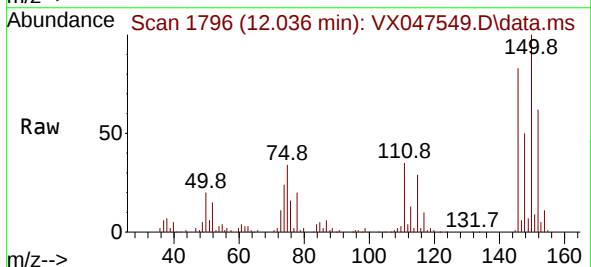
Tgt Ion:146 Resp: 35260
Ion Ratio Lower Upper
146 100
111 39.1 20.6 61.9
148 64.7 31.9 95.5

Manual Integrations
APPROVED

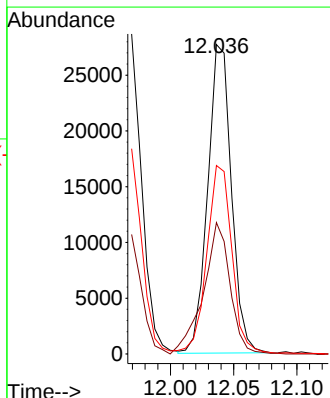
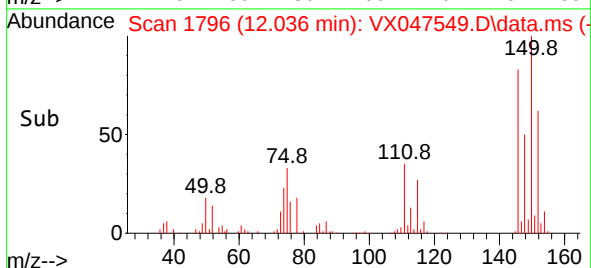
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

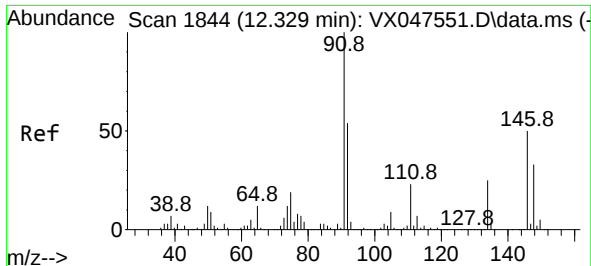


#88
1,4-Dichlorobenzene
Concen: 4.985 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11



Tgt Ion:146 Resp: 36122
Ion Ratio Lower Upper
146 100
111 47.8 20.1 60.2
148 65.3 31.8 95.4





#89

n-Butylbenzene

Concen: 4.635 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 52334

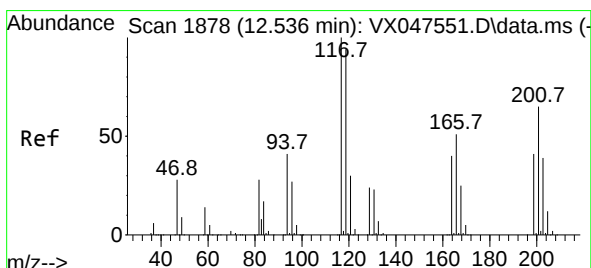
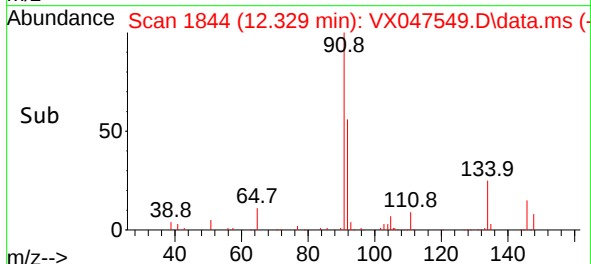
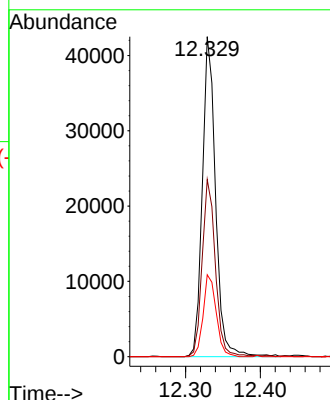
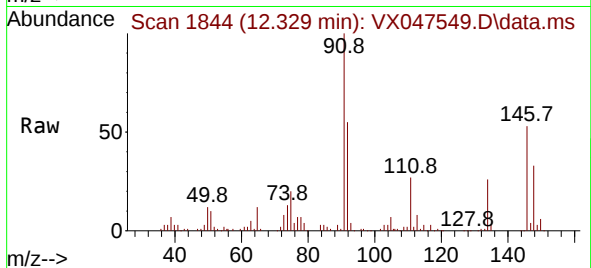
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.0	81.0
134	25.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#90

Hexachloroethane

Concen: 4.667 ug/l

RT: 12.536 min Scan# 1878

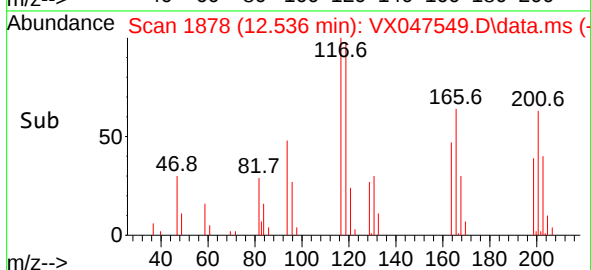
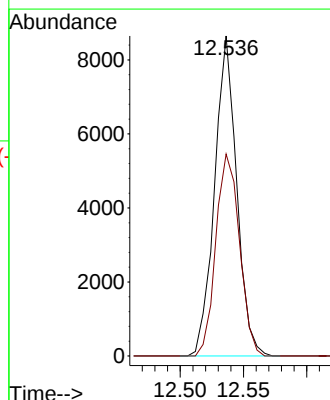
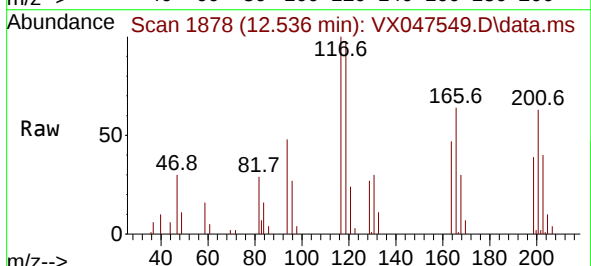
Delta R.T. -0.000 min

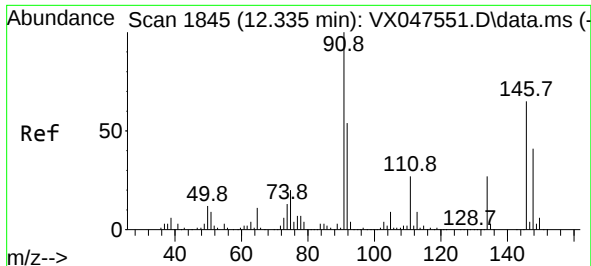
Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Tgt Ion:117 Resp: 10496

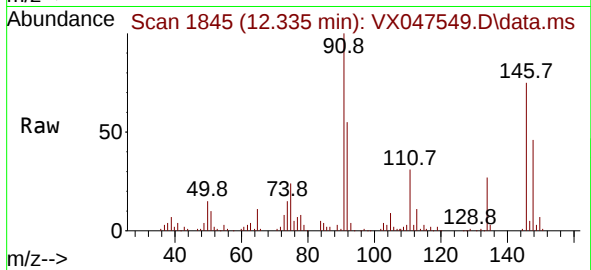
Ion	Ratio	Lower	Upper
117	100		
201	67.4	33.7	101.1





#91
1,2-Dichlorobenzene
Concen: 4.975 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

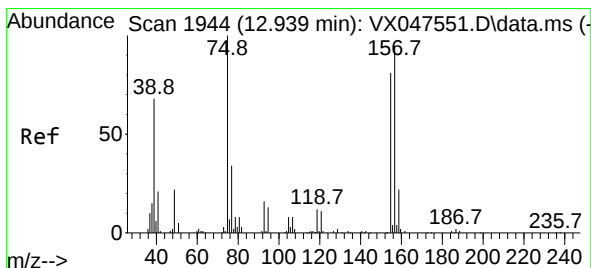
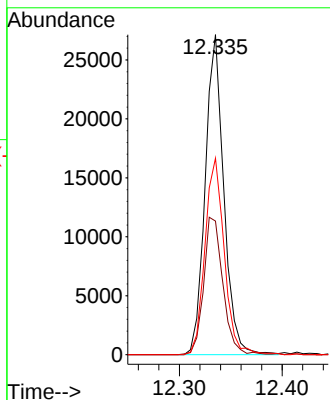
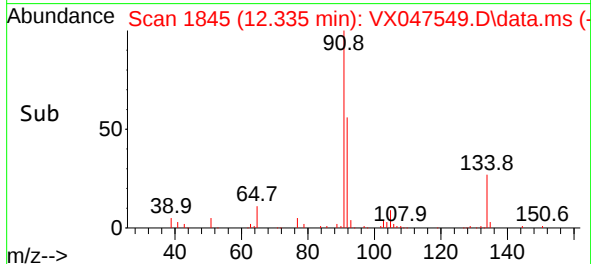
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 34218
Ion Ratio Lower Upper
146 100
111 44.5 21.7 65.1
148 63.7 32.0 96.2

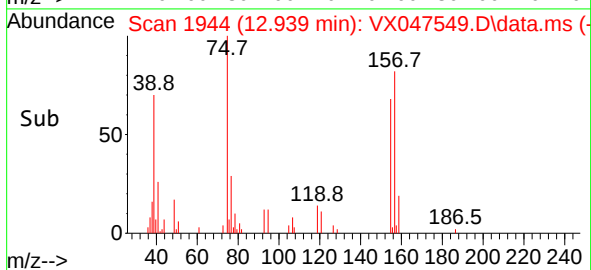
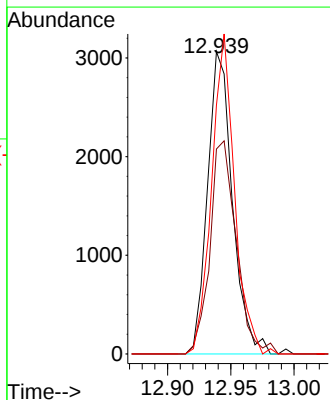
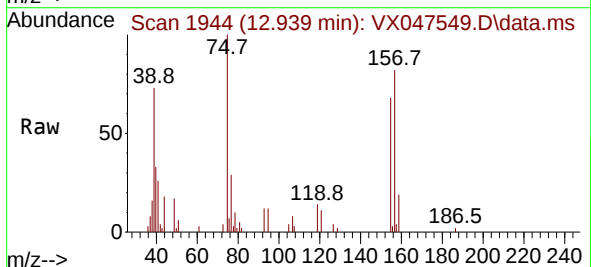
Manual Integrations
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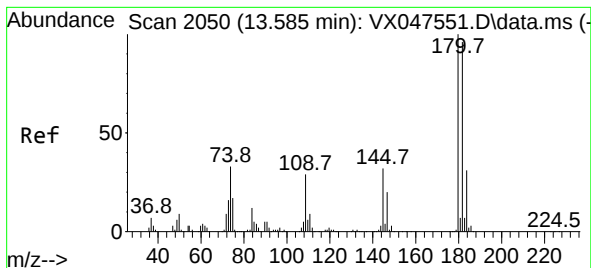
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.882 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion: 75 Resp: 4189
Ion Ratio Lower Upper
75 100
155 74.6 41.9 125.6
157 97.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 4.619 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

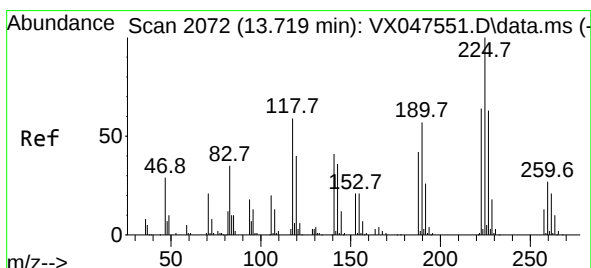
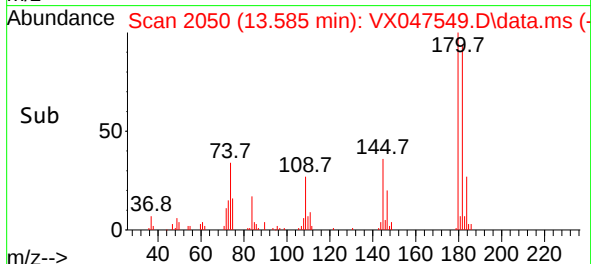
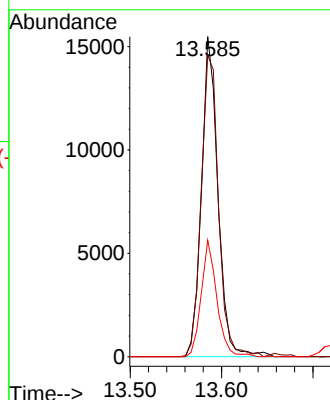
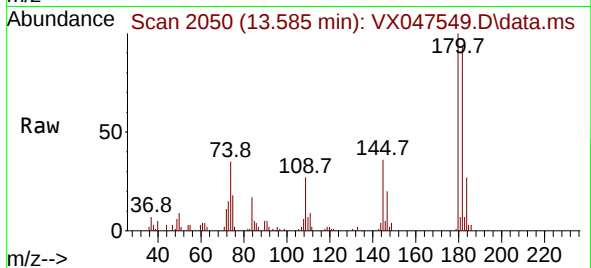
Tgt Ion:	180	Resp:	1936
Ion Ratio	Lower	Upper	
180	100		
182	99.2	47.7	143.1
145	34.6	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#94

Hexachlorobutadiene

Concen: 4.966 ug/l

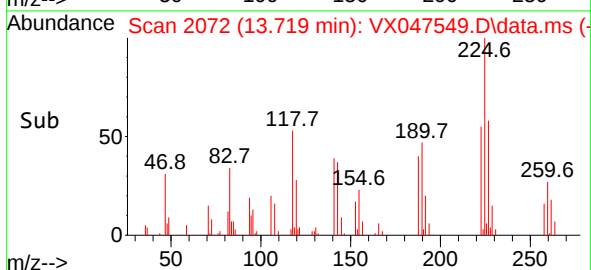
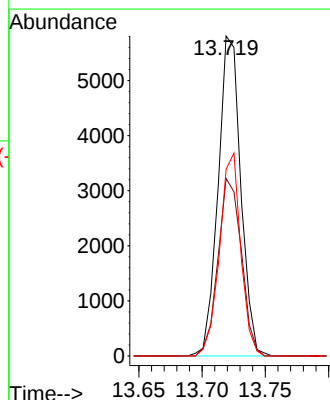
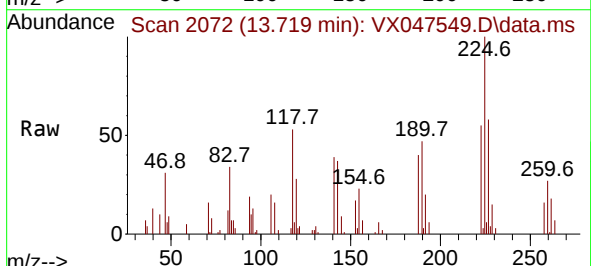
RT: 13.719 min Scan# 2072

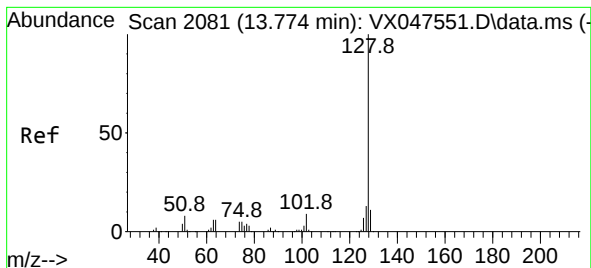
Delta R.T. -0.000 min

Lab File: VX047549.D

Acq: 28 Aug 2025 15:11

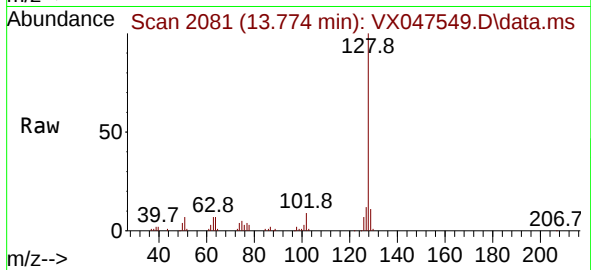
Tgt Ion:	225	Resp:	7236
Ion Ratio	Lower	Upper	
225	100		
223	57.3	31.1	93.5
227	59.0	31.8	95.3





#95
Naphthalene
Concen: 4.369 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

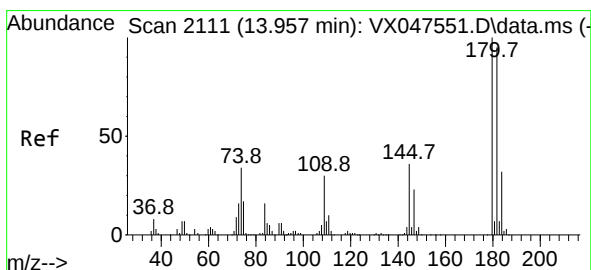
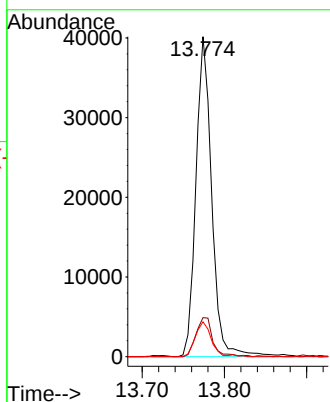
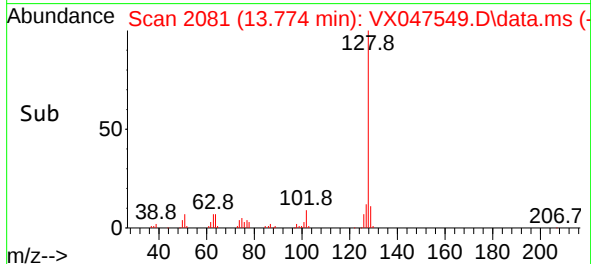
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 5354
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.774 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX047549.D
Acq: 28 Aug 2025 15:11

Tgt Ion:180 Resp: 18798
Ion Ratio Lower Upper
180 100
182 92.7 48.1 144.4
145 35.3 17.6 52.9

