

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047509.D
 Acq On : 22 Aug 2025 19:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 01:33:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	195174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	148612	54.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.820%			
35) Dibromofluoromethane	5.403	113	118931	52.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.653	98	412057	50.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	158730	53.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	116362	46.769	ug/l	99
3) Chloromethane	1.313	50	106421	47.547	ug/l	96
4) Vinyl Chloride	1.392	62	138256	49.214	ug/l	96
5) Bromomethane	1.624	94	55043	48.508	ug/l	99
6) Chloroethane	1.703	64	89720	52.199	ug/l	96
7) Trichlorofluoromethane	1.904	101	202822	48.810	ug/l	98
8) Diethyl Ether	2.148	74	81132	55.450	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	120016	49.790	ug/l	98
10) Methyl Iodide	2.471	142	169736	41.091	ug/l	98
11) Tert butyl alcohol	2.965	59	75692	318.533	ug/l	97
12) 1,1-Dichloroethene	2.337	96	124299	50.582	ug/l	98
13) Acrolein	2.252	56	157769	314.519	ug/l	100
14) Allyl chloride	2.678	41	227008	53.186	ug/l	98
15) Acrylonitrile	3.087	53	334439	291.259	ug/l	100
16) Acetone	2.392	43	254654	248.025	ug/l	100
17) Carbon Disulfide	2.532	76	345788	46.631	ug/l	100
18) Methyl Acetate	2.715	43	171097	64.306	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	434777	58.157	ug/l	98
20) Methylene Chloride	2.806	84	146312	53.815	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	131895	50.569	ug/l	98
22) Diisopropyl ether	3.770	45	496301	58.826	ug/l	85
23) Vinyl Acetate	3.733	43	2012345	291.003	ug/l	100
24) 1,1-Dichloroethane	3.623	63	261196	54.772	ug/l	96
25) 2-Butanone	4.568	43	403599	300.145	ug/l	99
26) 2,2-Dichloropropane	4.489	77	170320	47.321	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	166518	54.815	ug/l	96
28) Bromochloromethane	4.916	49	113266	57.079	ug/l	98
29) Tetrahydrofuran	5.025	42	255391	293.850	ug/l	99
30) Chloroform	5.105	83	269537	55.383	ug/l	96
31) Cyclohexane	5.489	56	211603	48.136	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	220842	52.719	ug/l	99
36) 1,1-Dichloropropene	5.702	75	176064	49.336	ug/l	99
37) Ethyl Acetate	4.727	43	183432	49.512	ug/l	98
38) Carbon Tetrachloride	5.690	117	190779	48.921	ug/l	97
39) Methylcyclohexane	7.385	83	204377	45.914	ug/l	94
40) Benzene	6.050	78	554962	51.955	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	88712	56.784	ug/l	98
42) 1,2-Dichloroethane	6.098	62	204696	54.102	ug/l	99
43) Isopropyl Acetate	6.348	43	294283	55.293	ug/l	100
44) Trichloroethene	7.129	130	136282	49.828	ug/l	100
45) 1,2-Dichloropropane	7.434	63	143866	53.762	ug/l	99
46) Dibromomethane	7.586	93	105120	54.109	ug/l	98
47) Bromodichloromethane	7.824	83	218111	54.156	ug/l	100
48) Methyl methacrylate	7.696	41	157516	57.017	ug/l	97
49) 1,4-Dioxane	7.690	88	32313	1203.196	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	881330	287.758	ug/l	98
52) Toluene	8.720	92	347352	52.626	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	200203	56.957	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	218694	54.968	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	139633	55.718	ug/l	98
56) Ethyl methacrylate	9.116	69	211779	57.319	ug/l	99
57) 1,3-Dichloropropane	9.311	76	238648	55.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	451077	255.480	ug/l	98
59) 2-Hexanone	9.433	43	590617	278.781	ug/l	100
60) Dibromochloromethane	9.518	129	164849	55.351	ug/l	100
61) 1,2-Dibromoethane	9.610	107	140922	54.532	ug/l	100
64) Tetrachloroethene	9.275	164	112262	49.979	ug/l	99
65) Chlorobenzene	10.079	112	391535	53.057	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	137677	55.190	ug/l	98
67) Ethyl Benzene	10.195	91	669893	52.742	ug/l	99
68) m/p-Xylenes	10.299	106	508565	107.383	ug/l	99
69) o-Xylene	10.640	106	247614	54.329	ug/l	98
70) Styrene	10.652	104	425853	55.299	ug/l	100
71) Bromoform	10.799	173	106482	56.818	ug/l #	100
73) Isopropylbenzene	10.963	105	631985	51.402	ug/l	99
74) N-amyl acetate	10.841	43	263456	56.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	197381	54.678	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157042m	54.497	ug/l	
77) Bromobenzene	11.195	156	157028	52.302	ug/l	98
78) n-propylbenzene	11.299	91	757315	51.574	ug/l	100
79) 2-Chlorotoluene	11.360	91	458829	51.690	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	527334	52.128	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29348	45.171	ug/l	98
82) 4-Chlorotoluene	11.451	91	540991	51.702	ug/l	100
83) tert-Butylbenzene	11.713	119	530839	52.597	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	530191	52.409	ug/l	99
85) sec-Butylbenzene	11.890	105	649807	51.945	ug/l	100
86) p-Isopropyltoluene	12.006	119	540369	51.048	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	293460	51.165	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	292919	49.655	ug/l	99
89) n-Butylbenzene	12.329	91	505842	51.376	ug/l	100
90) Hexachloroethane	12.536	117	94730	51.011	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	283619	52.097	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38051	54.505	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	186768	51.174	ug/l	98
94) Hexachlorobutadiene	13.719	225	64419	49.588	ug/l	98
95) Naphthalene	13.774	128	583026	55.900	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	179717	52.241	ug/l	98

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VSTDCCC050EC

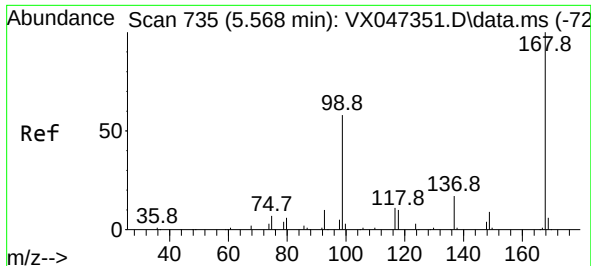
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/25/2025

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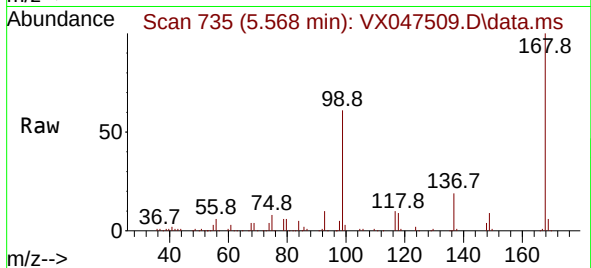
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
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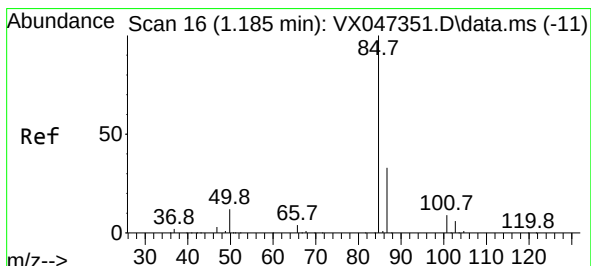
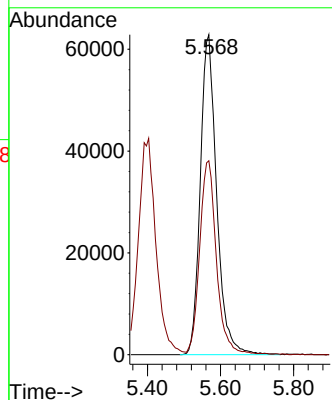
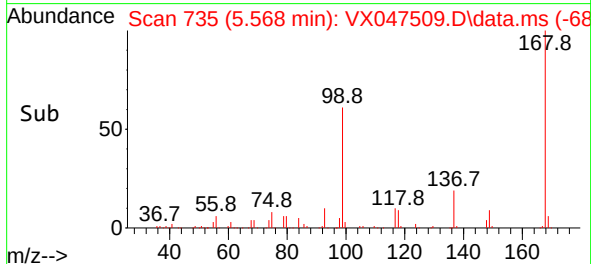
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



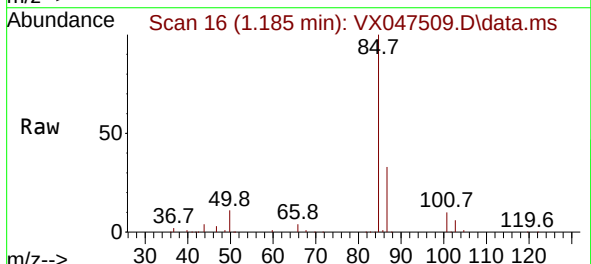
Tgt Ion:168 Resp: 195174
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9

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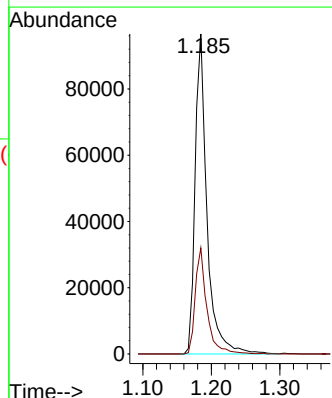
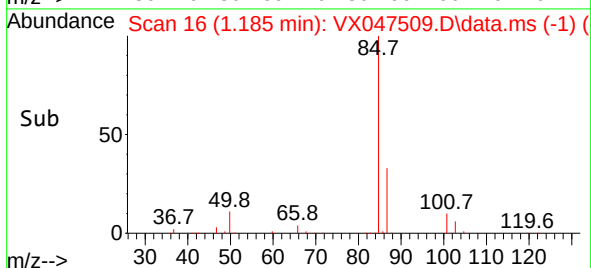
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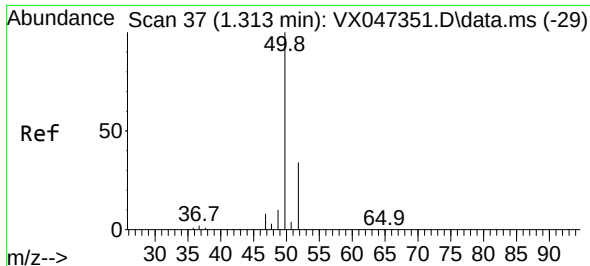


#2
Dichlorodifluoromethane
Concen: 46.769 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



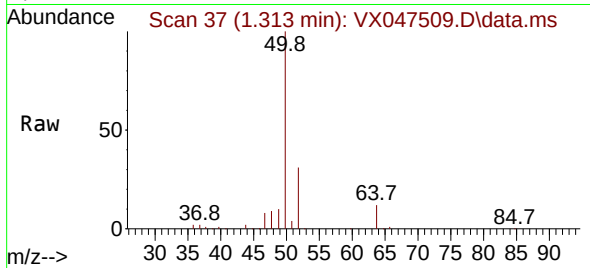
Tgt Ion: 85 Resp: 116362
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.1





#3
Chloromethane
Concen: 47.547 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

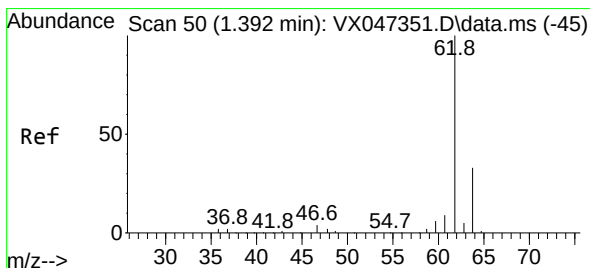
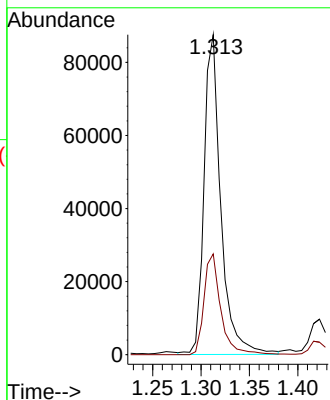
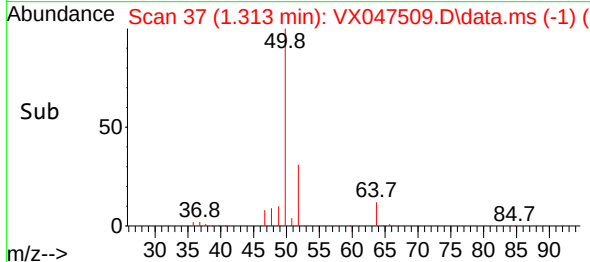
Instrument :
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Tgt Ion: 50 Resp: 10642
Ion Ratio Lower Upper
50 100
52 31.7 27.0 40.4

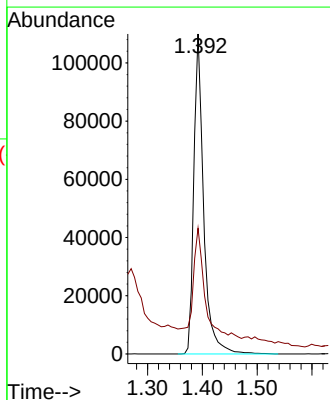
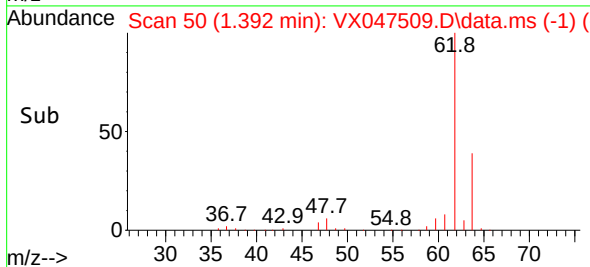
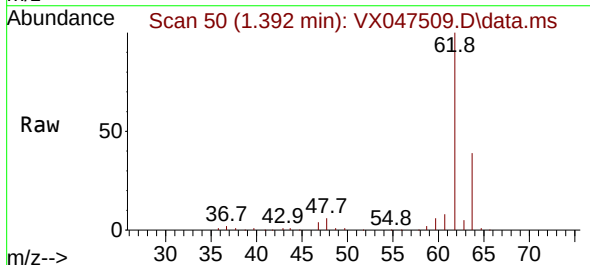
Manual Integrations
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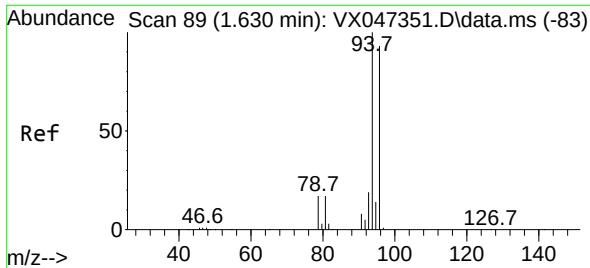
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Vinyl Chloride
Concen: 49.214 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 62 Resp: 138256
Ion Ratio Lower Upper
62 100
64 35.4 26.5 39.7





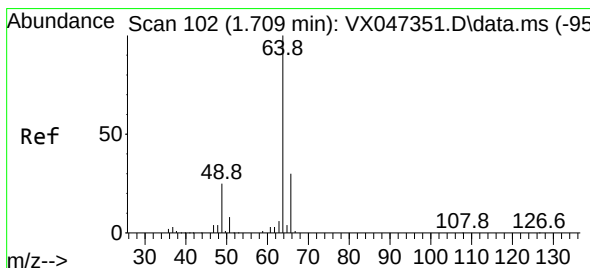
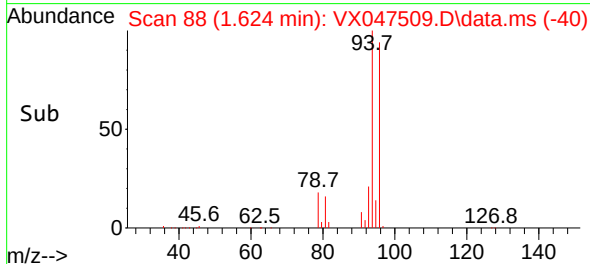
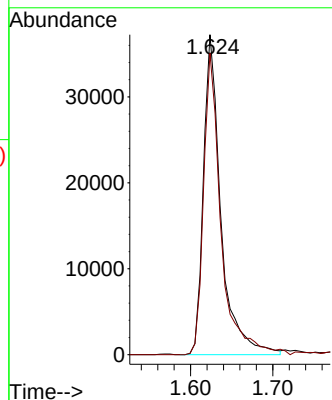
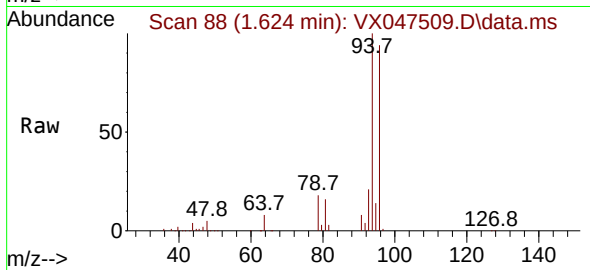
#5
Bromomethane
Concen: 48.508 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047509.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5504
Ion Ratio Lower Upper
94 100
96 94.2 74.7 112.1

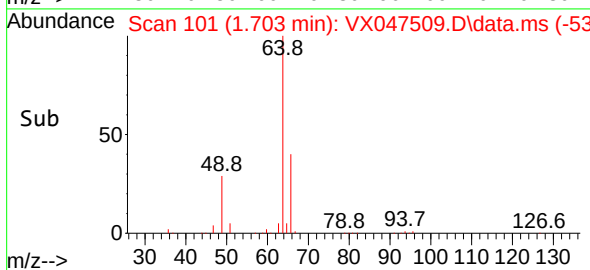
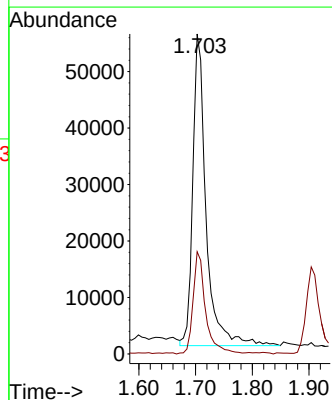
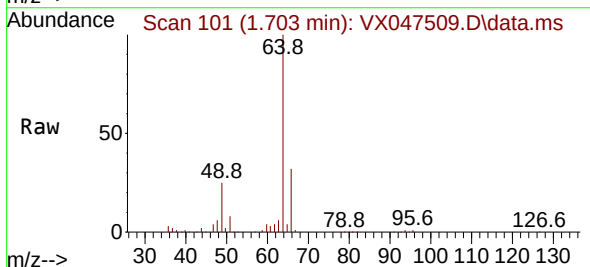
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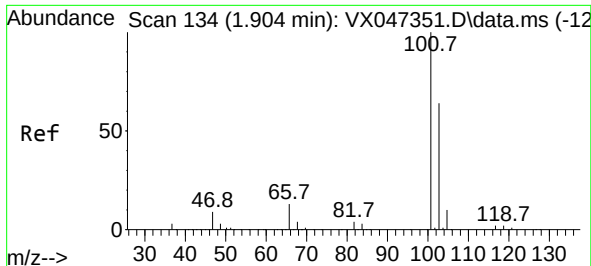
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#6
Chloroethane
Concen: 52.199 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047509.D
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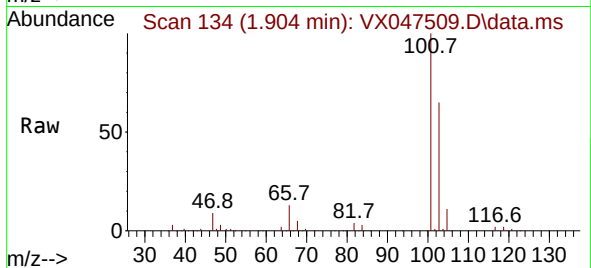
Tgt Ion: 64 Resp: 89720
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 48.810 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

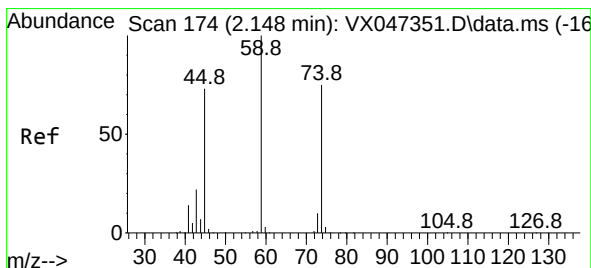
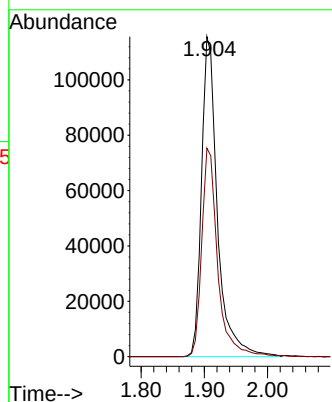
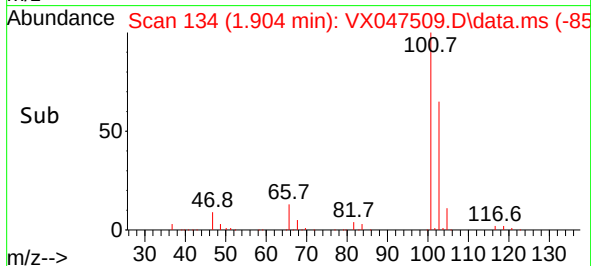
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 20282
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3

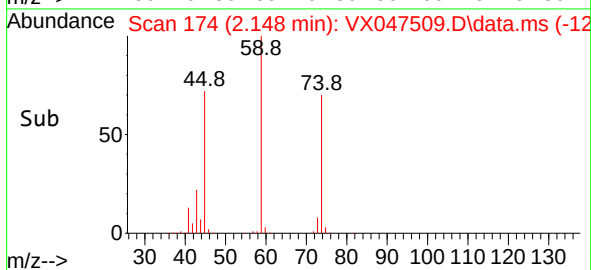
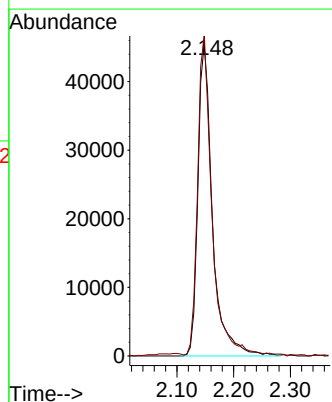
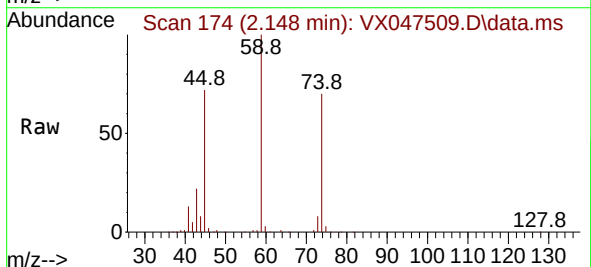
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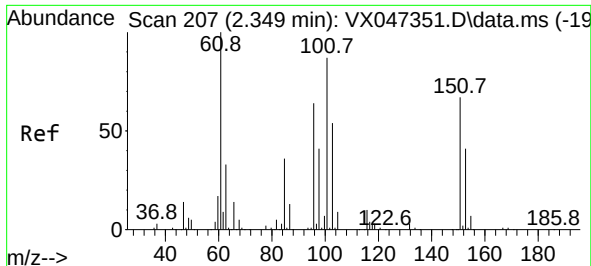
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#8
Diethyl Ether
Concen: 55.450 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047509.D
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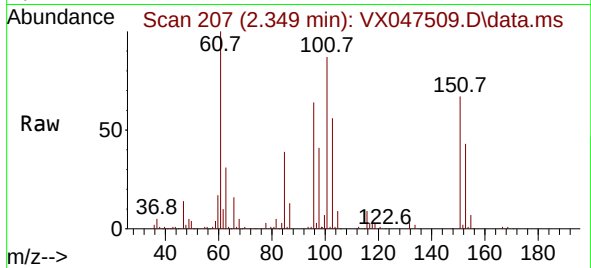
Tgt Ion: 74 Resp: 81132
Ion Ratio Lower Upper
74 100
45 102.2 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.790 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047509.D
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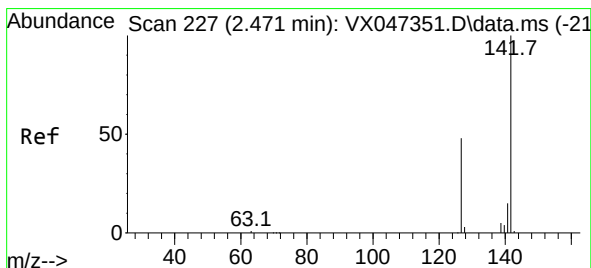
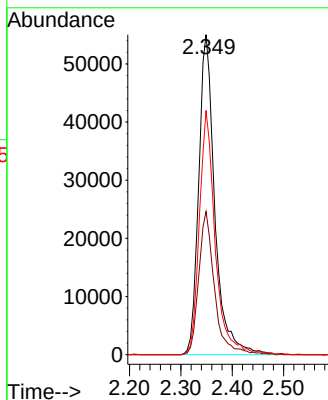
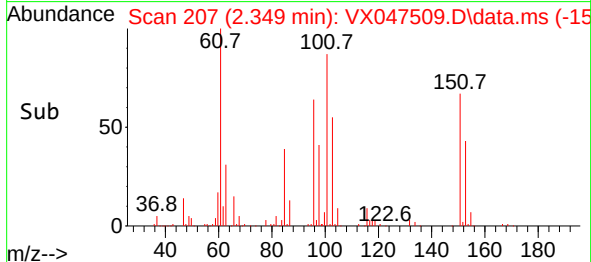
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



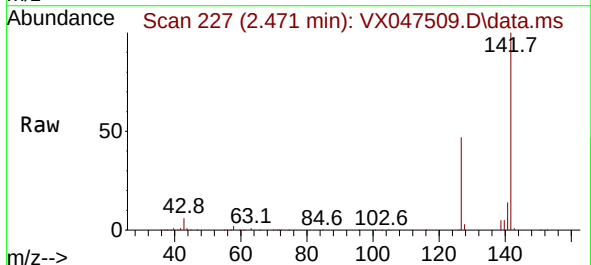
Tgt Ion:101 Resp: 120010
Ion Ratio Lower Upper
101 100
85 43.9 34.3 51.5
151 75.3 59.2 88.8

Manual Integrations
APPROVED

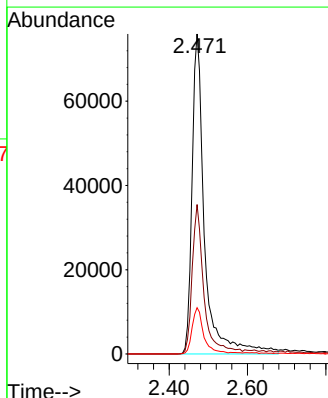
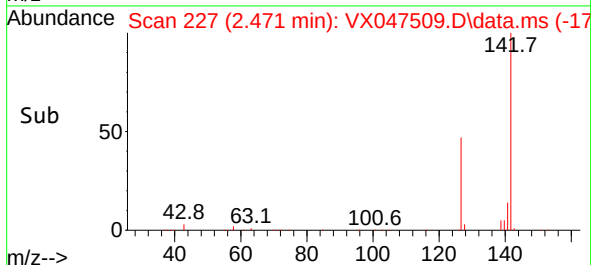
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

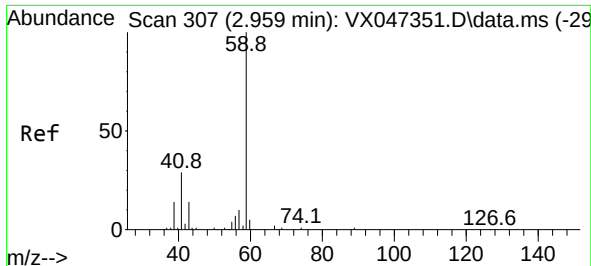


#10
Methyl Iodide
Concen: 41.091 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



Tgt Ion:142 Resp: 169736
Ion Ratio Lower Upper
142 100
127 43.7 36.1 54.1
141 13.4 11.1 16.7





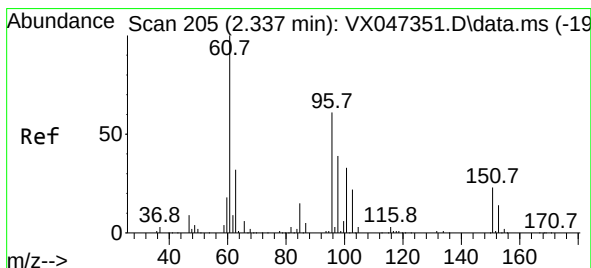
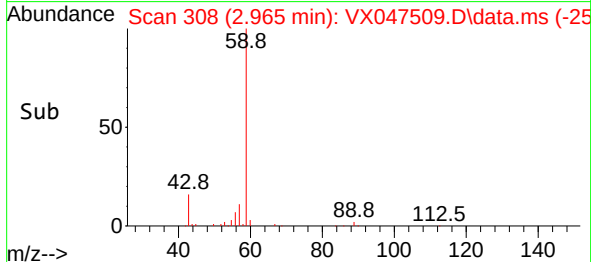
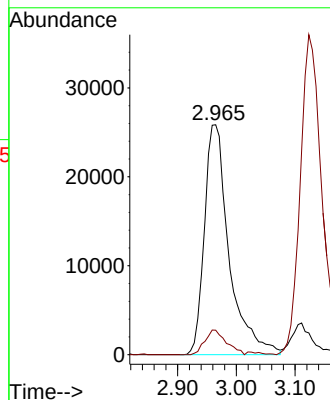
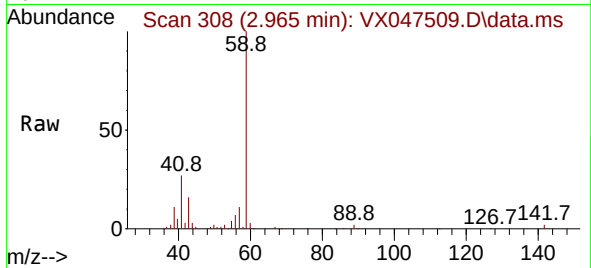
#11
Tert butyl alcohol
Concen: 318.533 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 75692
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

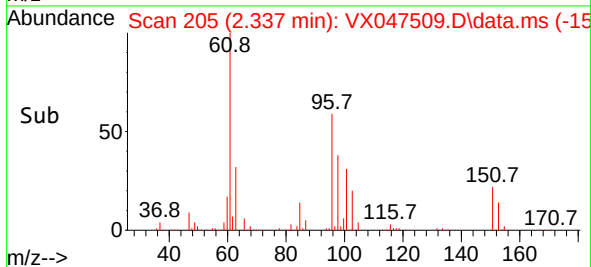
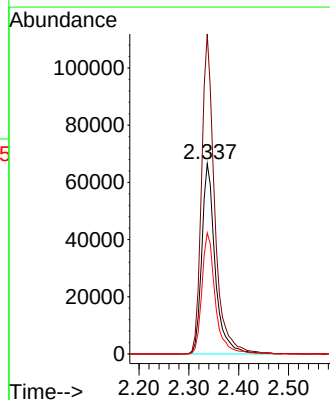
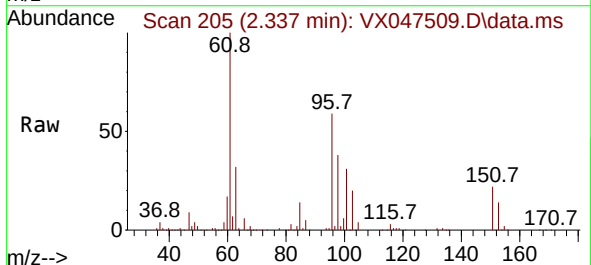
Manual Integrations
APPROVED

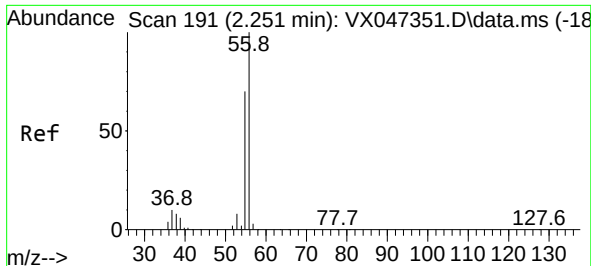
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#12
1,1-Dichloroethene
Concen: 50.582 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

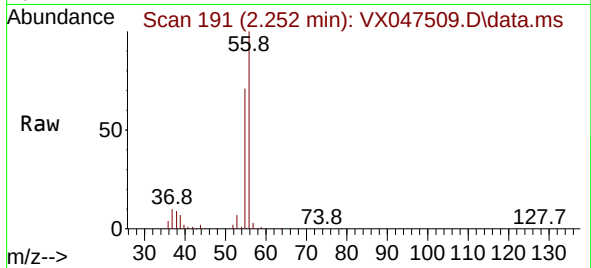
Tgt Ion: 96 Resp: 124299
Ion Ratio Lower Upper
96 100
61 168.3 132.2 198.2
98 63.6 51.2 76.8





#13
Acrolein
Concen: 314.519 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

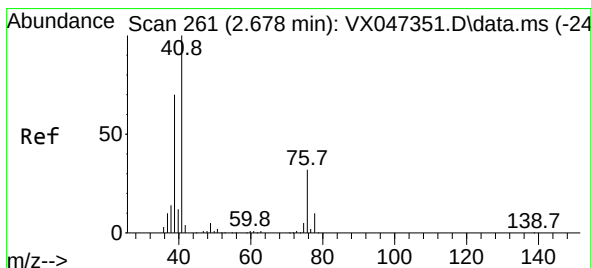
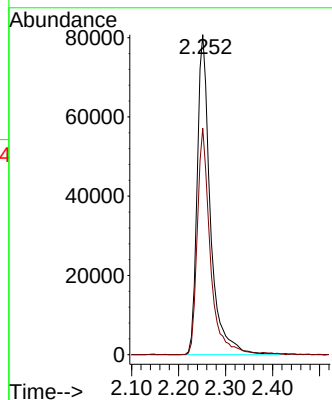
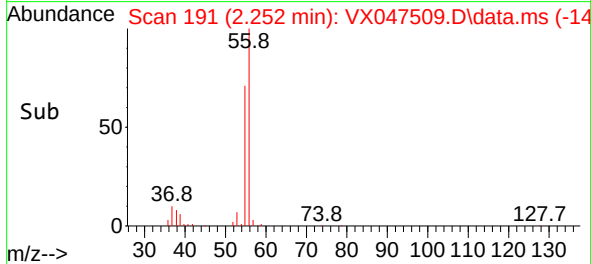
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 157769
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3

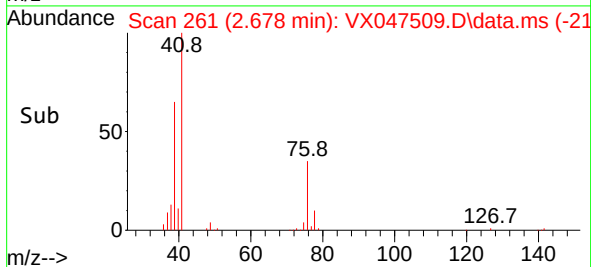
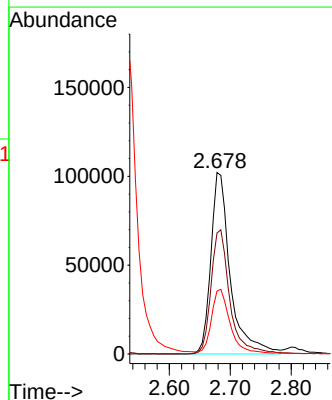
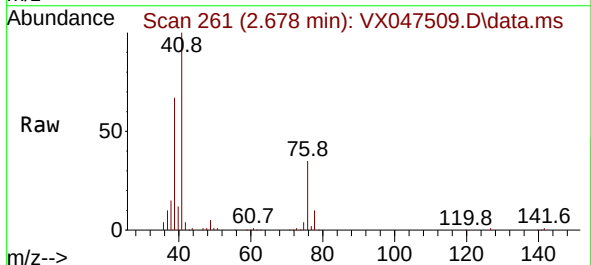
Manual Integrations
APPROVED

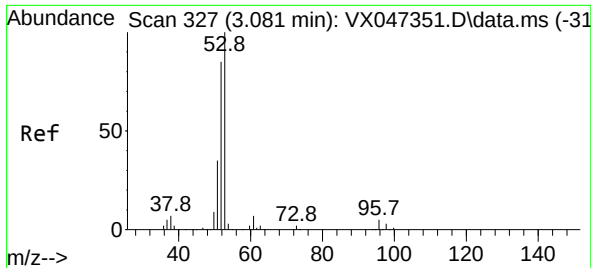
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 53.186 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

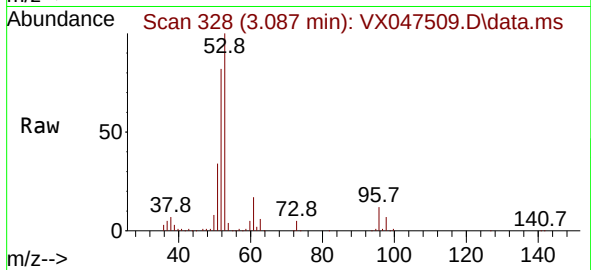
Tgt Ion: 41 Resp: 227008
Ion Ratio Lower Upper
41 100
39 66.2 54.6 81.8
76 33.9 27.6 41.4





#15
Acrylonitrile
Concen: 291.259 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

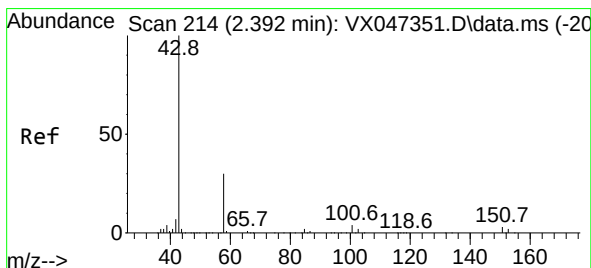
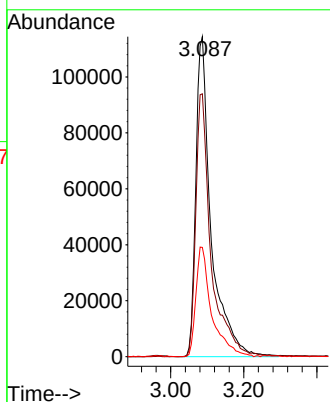
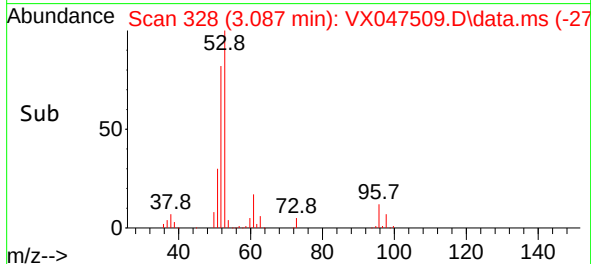
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 334439
Ion Ratio Lower Upper
53 100
52 81.8 65.8 98.6
51 35.5 28.2 42.2

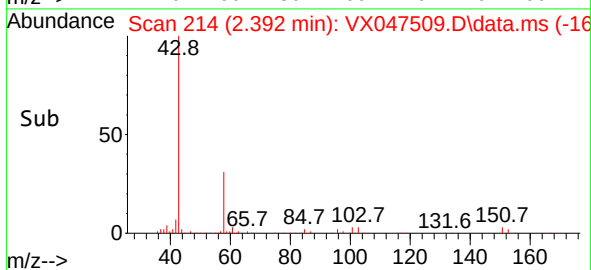
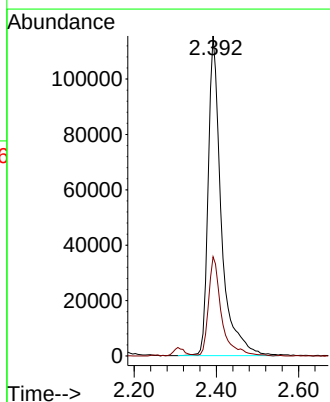
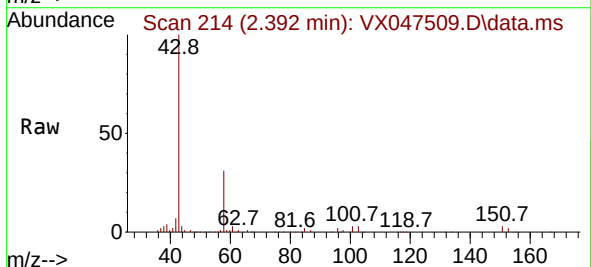
Manual Integrations
APPROVED

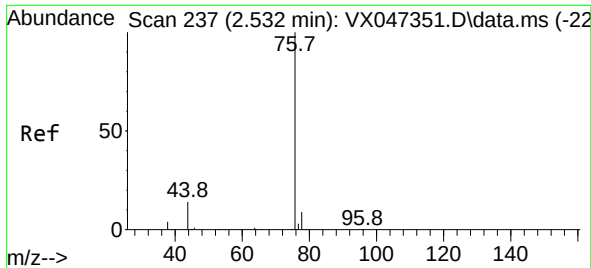
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#16
Acetone
Concen: 248.025 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 43 Resp: 254654
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2





#17

Carbon Disulfide

Concen: 46.631 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 34578

Ion Ratio Lower Upper

76 100

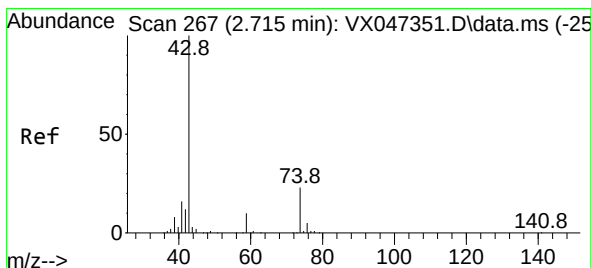
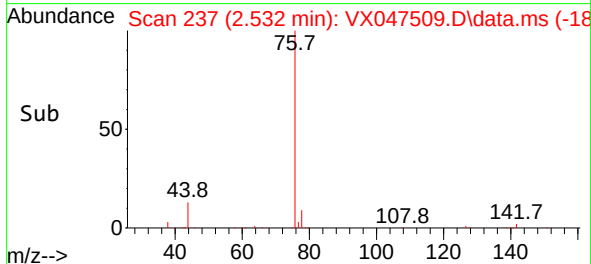
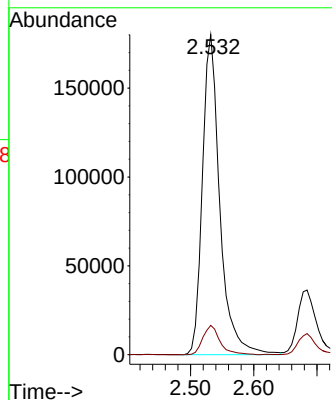
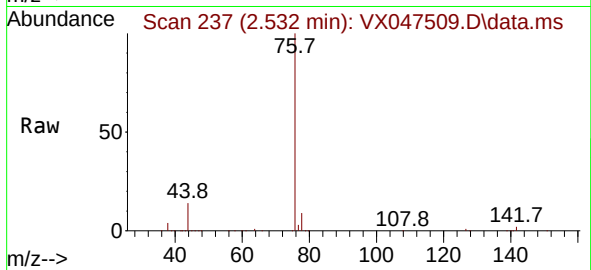
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#18

Methyl Acetate

Concen: 64.306 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047509.D

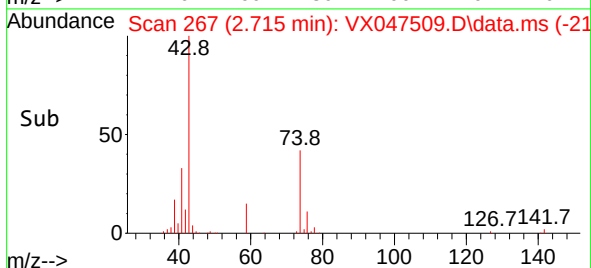
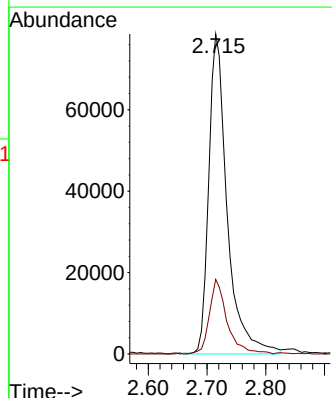
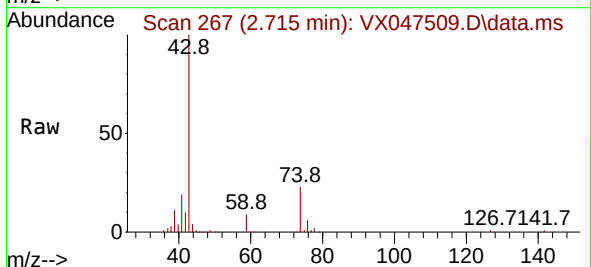
Acq: 22 Aug 2025 19:12

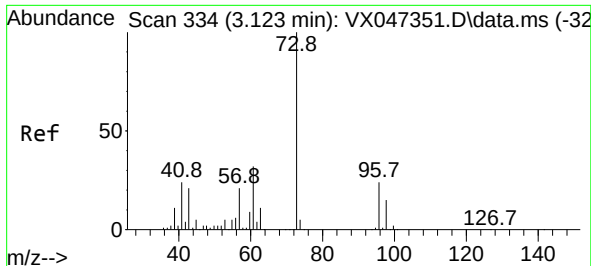
Tgt Ion: 43 Resp: 171097

Ion Ratio Lower Upper

43 100

74 22.5 18.4 27.6





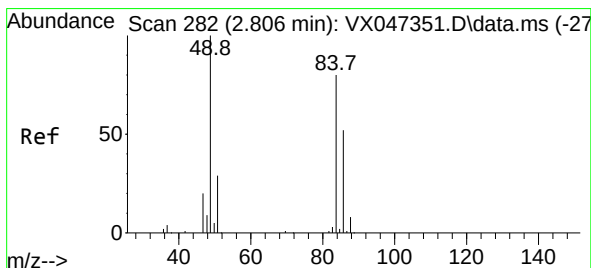
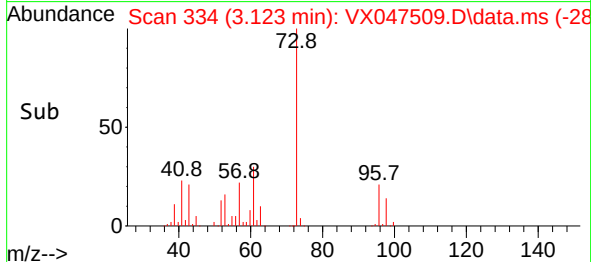
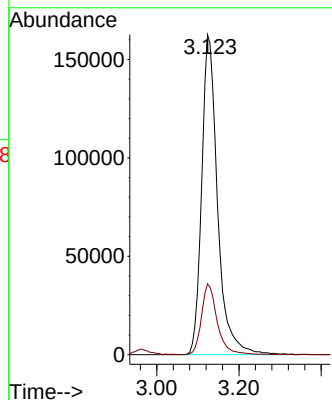
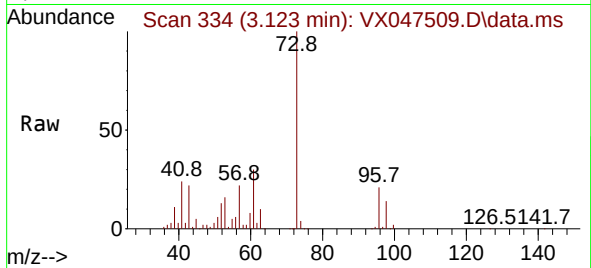
#19
Methyl tert-butyl Ether
Concen: 58.157 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 43477
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

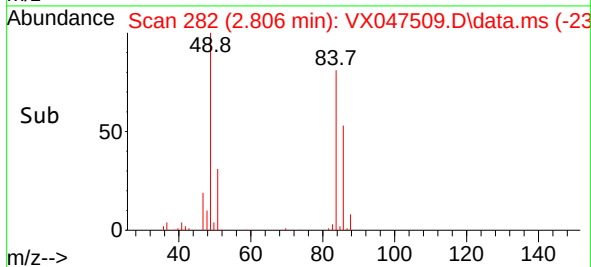
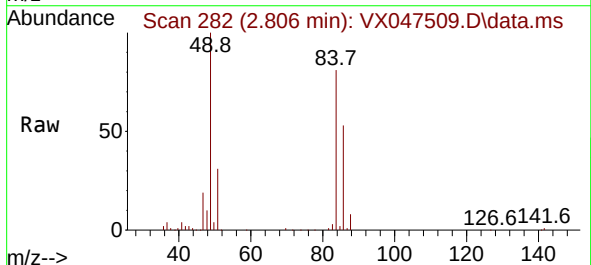
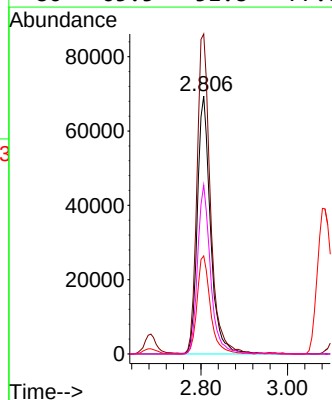
Manual Integrations
APPROVED

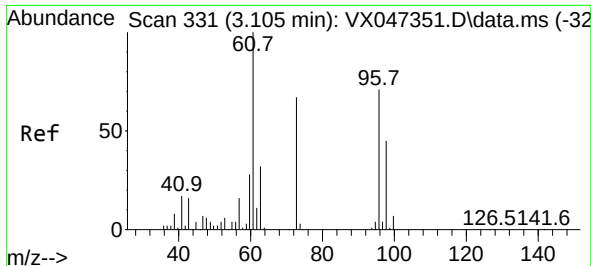
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 53.815 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

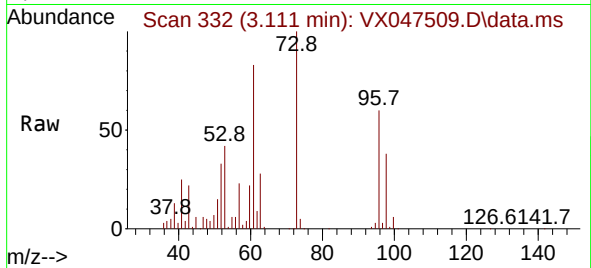
Tgt Ion: 84 Resp: 146312
Ion Ratio Lower Upper
84 100
49 123.9 100.1 150.1
51 38.1 29.5 44.3
86 65.5 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 50.569 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

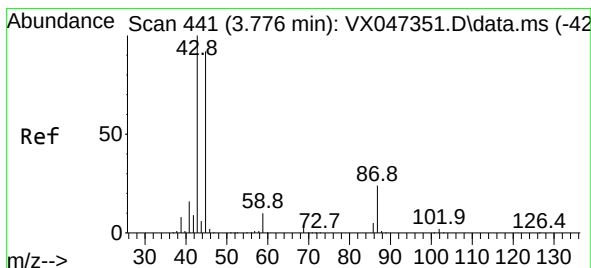
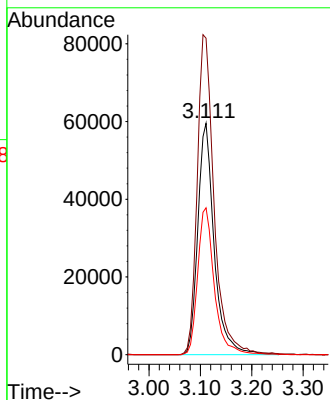
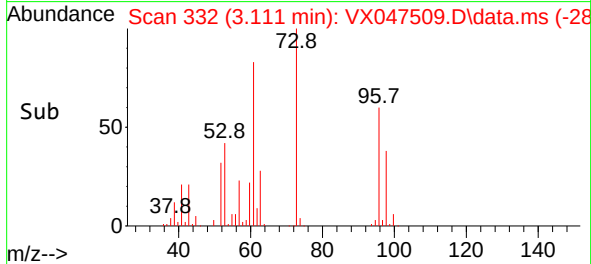
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13189
Ion Ratio Lower Upper
96 100
61 136.8 112.6 169.0
98 63.5 50.9 76.3

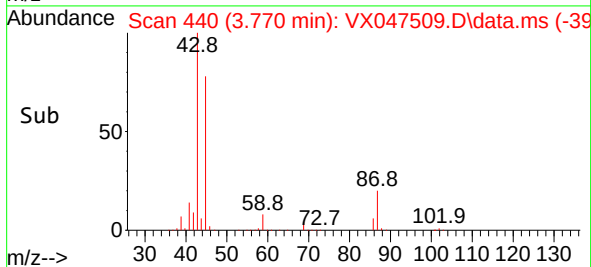
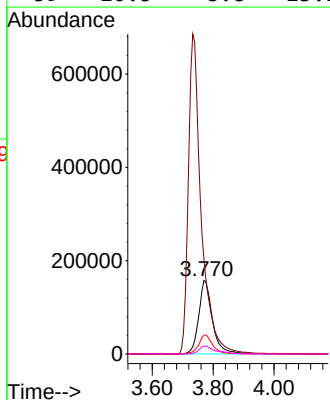
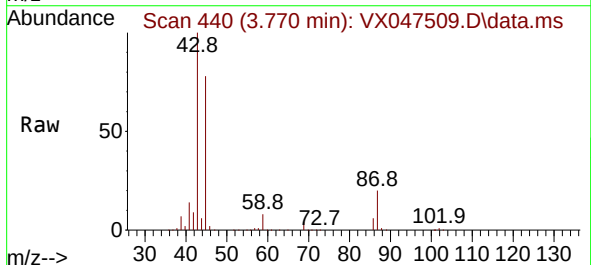
Manual Integrations
APPROVED

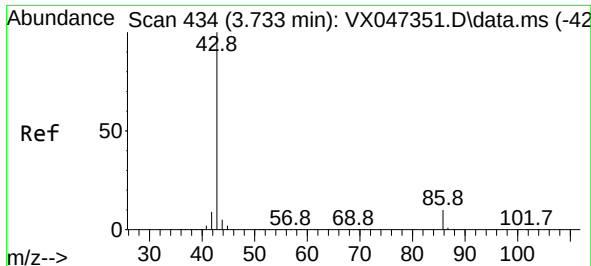
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#22
Diisopropyl ether
Concen: 58.826 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 45 Resp: 496301
Ion Ratio Lower Upper
45 100
43 128.9 86.8 130.2
87 25.2 20.4 30.6
59 10.5 8.8 13.2





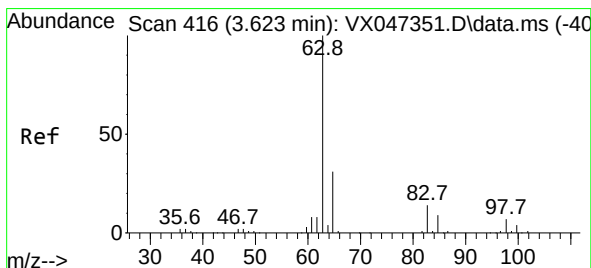
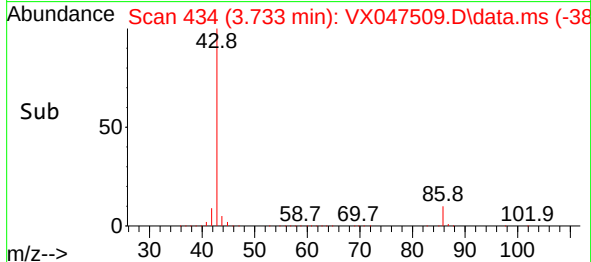
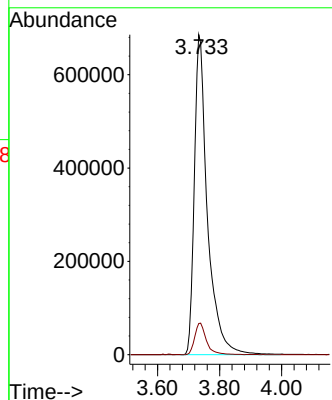
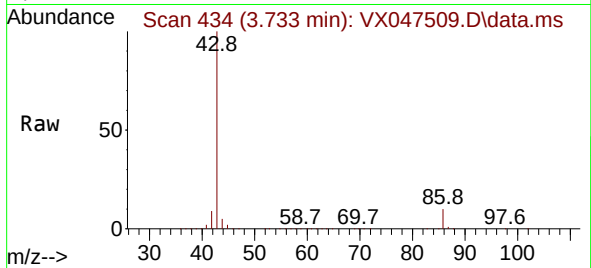
#23
Vinyl Acetate
Concen: 291.003 ug/l
RT: 3.733 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 201234
Ion Ratio Lower Upper
43 100
86 9.7 7.9 11.9

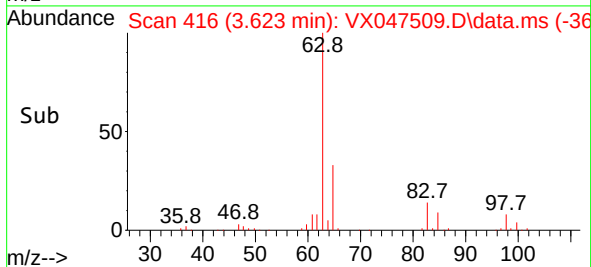
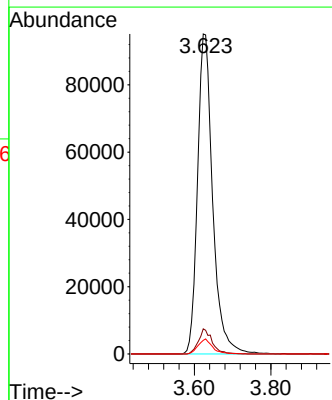
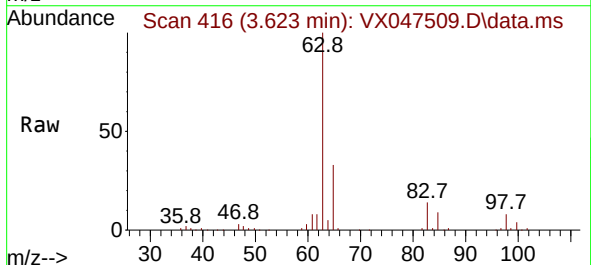
Manual Integrations
APPROVED

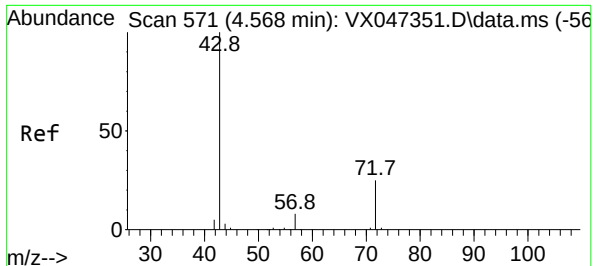
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#24
1,1-Dichloroethane
Concen: 54.772 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

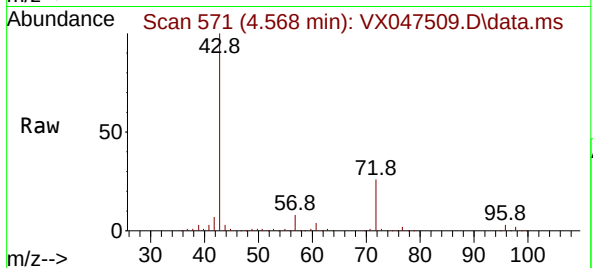
Tgt Ion: 63 Resp: 261196
Ion Ratio Lower Upper
63 100
98 8.4 3.3 9.9
100 4.5 2.1 6.3





#25
2-Butanone
Concen: 300.145 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

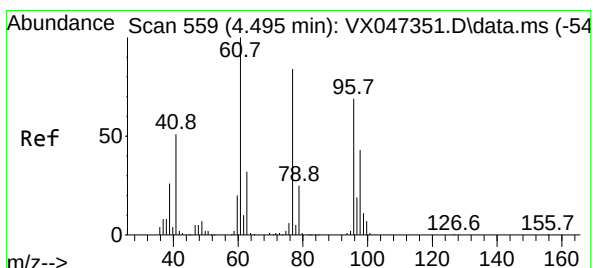
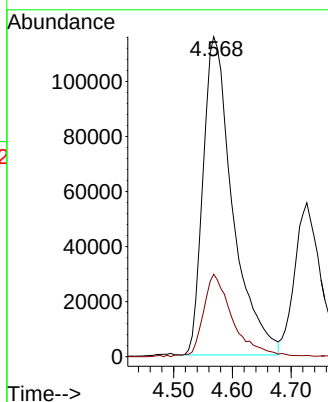
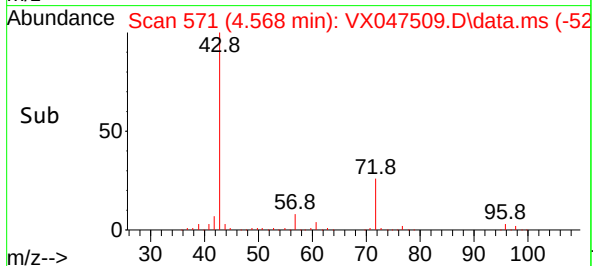
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40359
Ion Ratio Lower Upper
43 100
72 25.4 19.8 29.8

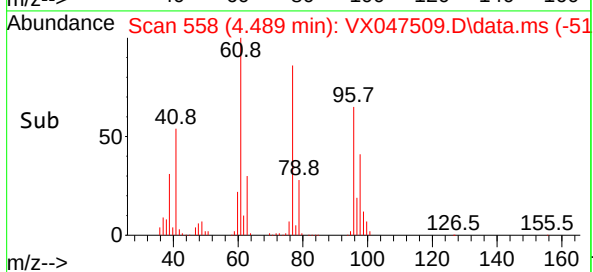
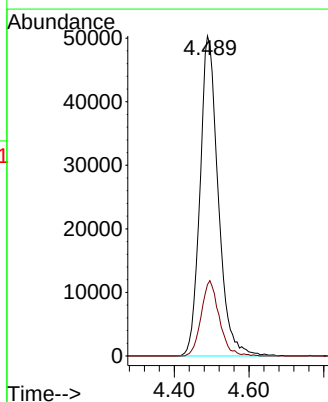
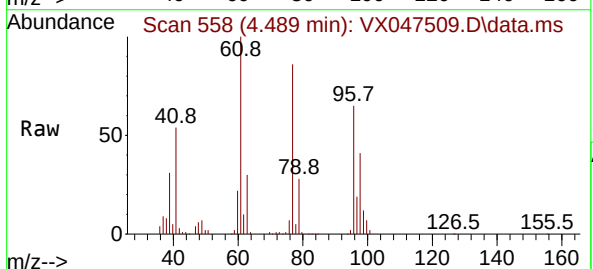
Manual Integrations
APPROVED

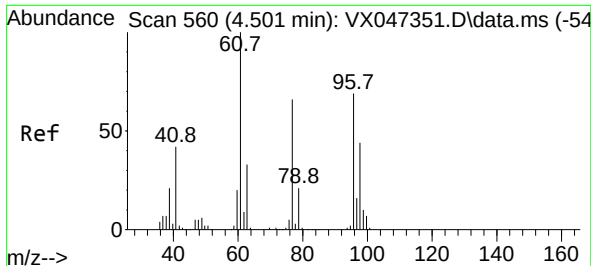
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
2,2-Dichloropropane
Concen: 47.321 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 77 Resp: 170320
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.815 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 166518

Ion Ratio Lower Upper

96 100

61 142.8 0.0 296.6

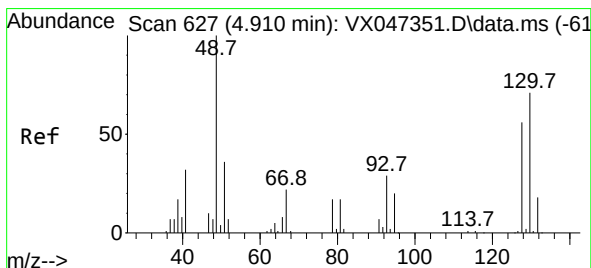
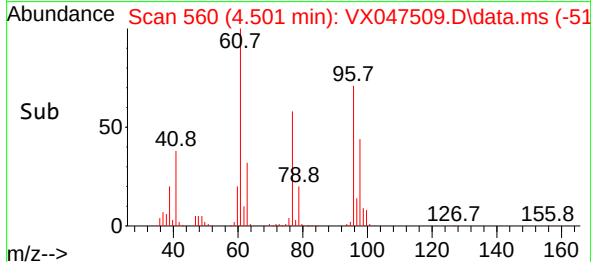
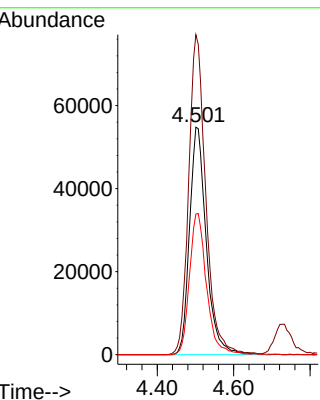
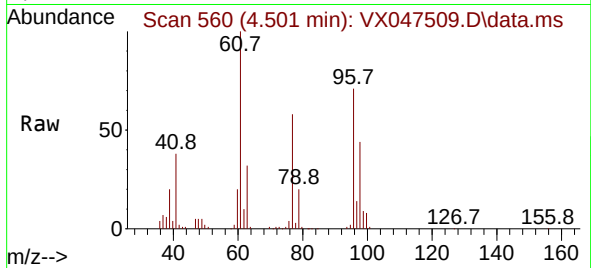
98 63.2 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#28

Bromochloromethane

Concen: 57.079 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.006 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

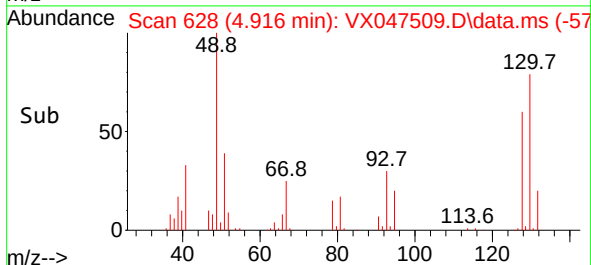
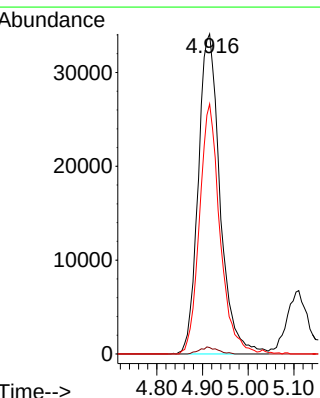
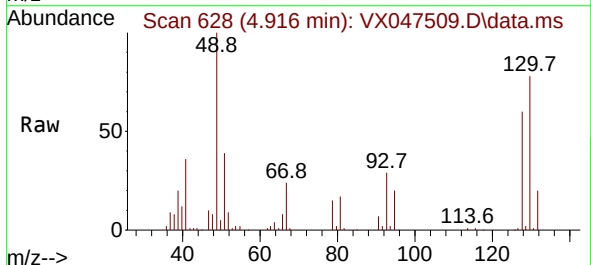
Tgt Ion: 49 Resp: 113266

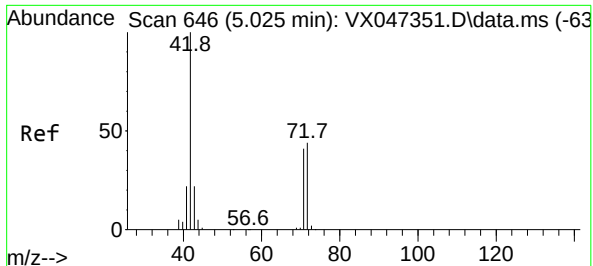
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 73.1 59.8 89.6





#29

Tetrahydrofuran

Concen: 293.850 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.000 min

Lab File: VX047509.D

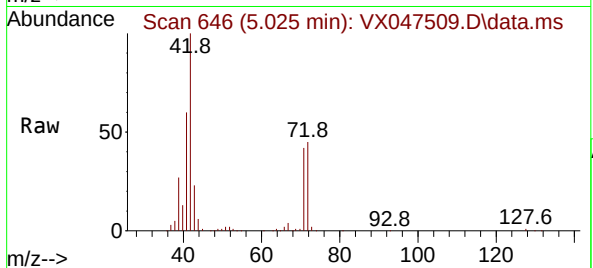
Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 25539

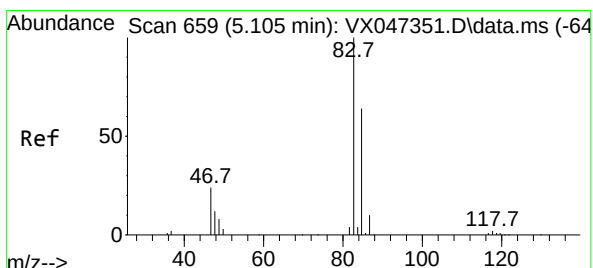
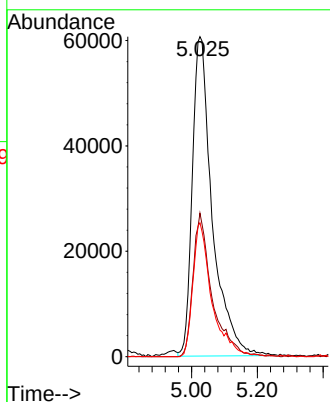
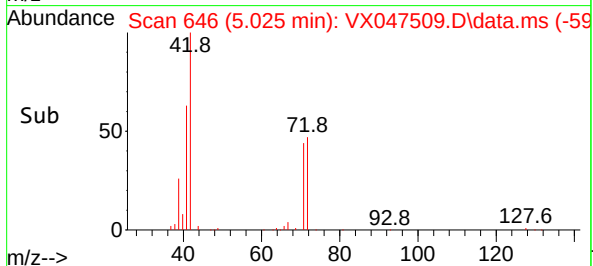
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	51.8
71	39.4	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#30

Chloroform

Concen: 55.383 ug/l

RT: 5.105 min Scan# 659

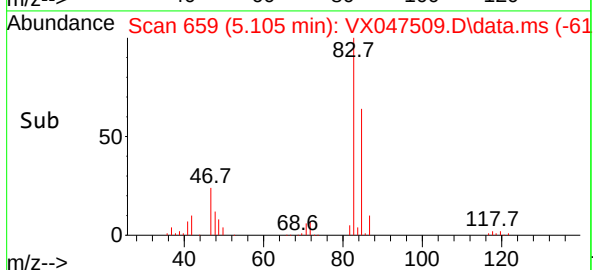
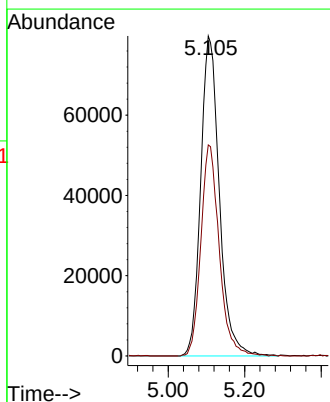
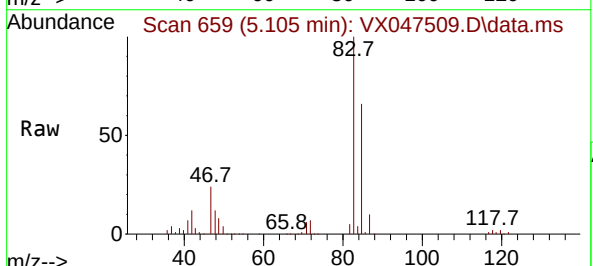
Delta R.T. 0.000 min

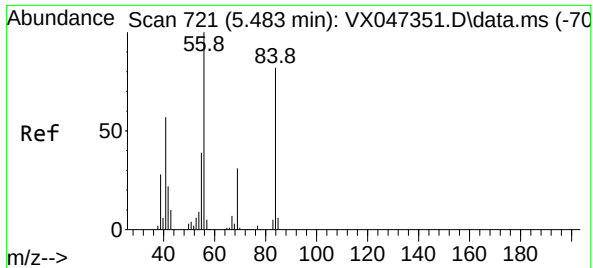
Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Tgt Ion: 83 Resp: 269537

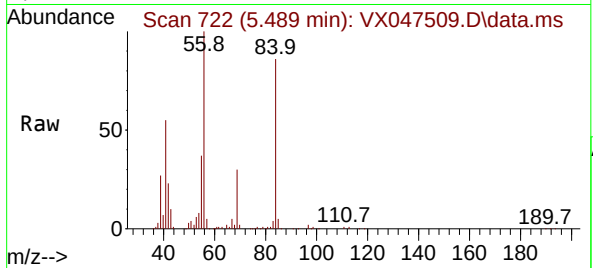
Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.2	76.8





#31
Cyclohexane
Concen: 48.136 ug/l
RT: 5.489 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

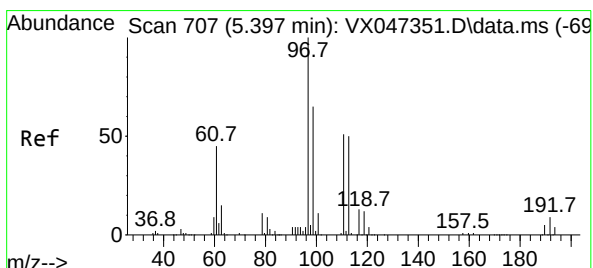
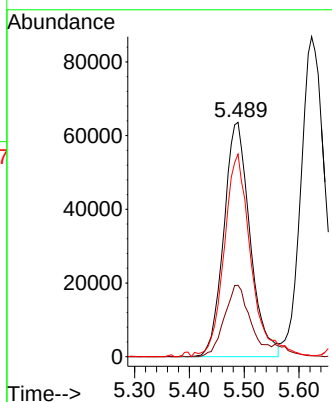
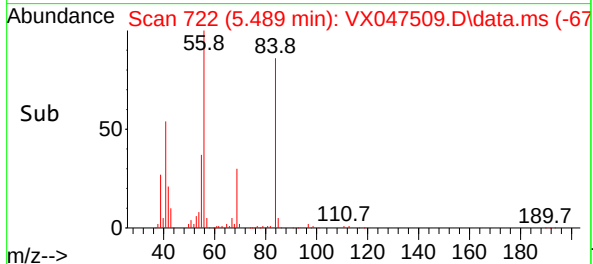
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21160
Ion Ratio Lower Upper
56 100
69 30.1 24.3 36.5
84 86.4 65.3 97.9

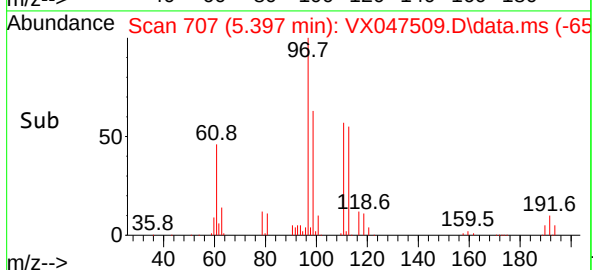
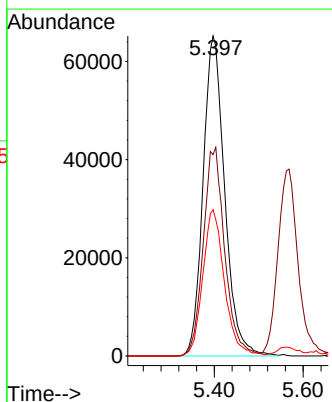
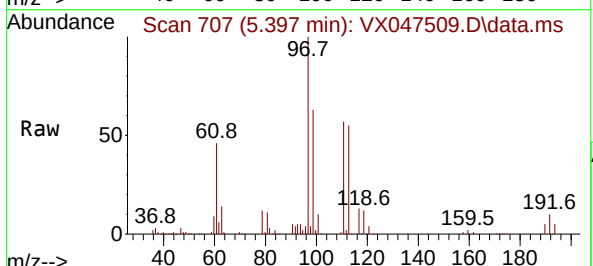
Manual Integrations
APPROVED

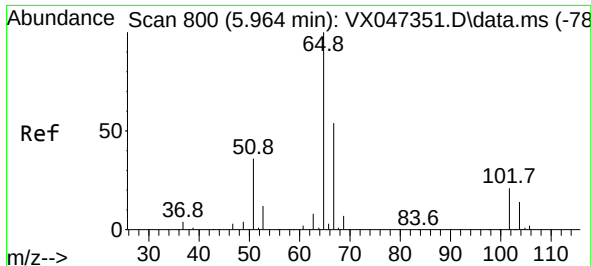
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 52.719 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

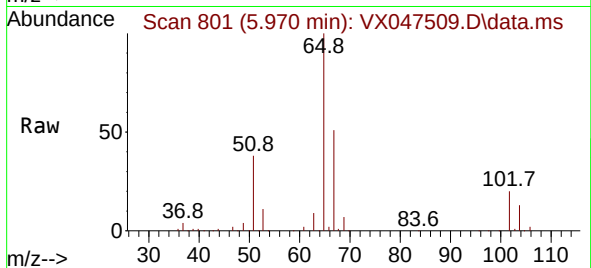
Tgt Ion: 97 Resp: 220842
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 45.8 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 54.406 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

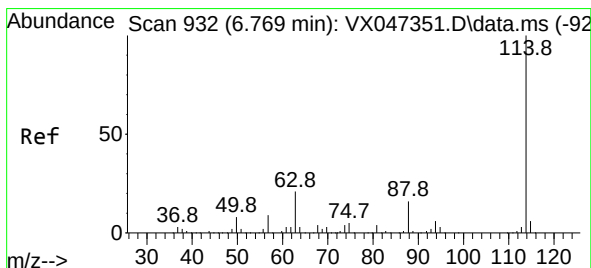
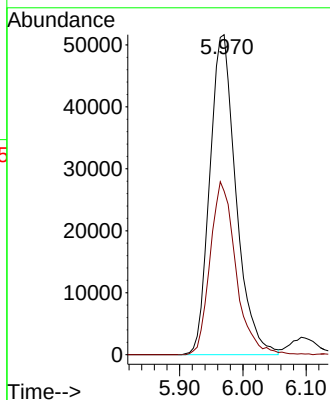
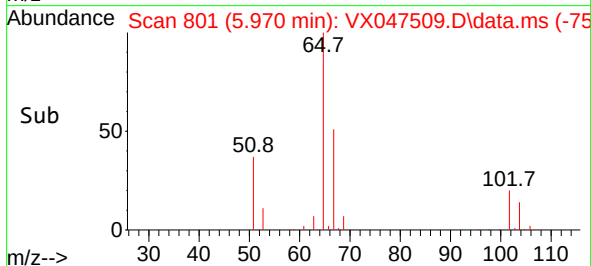
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 148612
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0

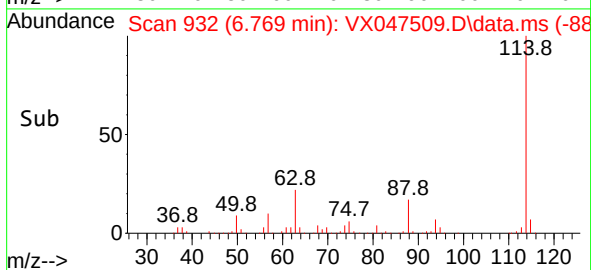
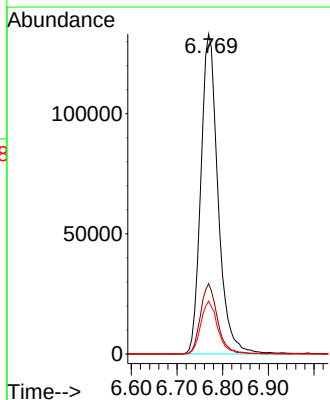
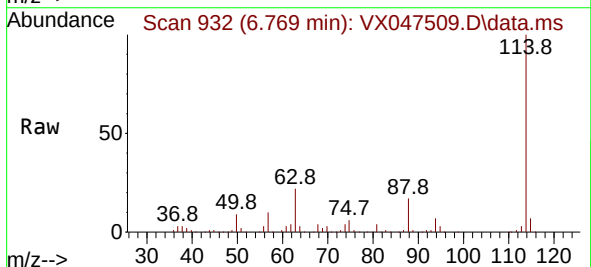
Manual Integrations
APPROVED

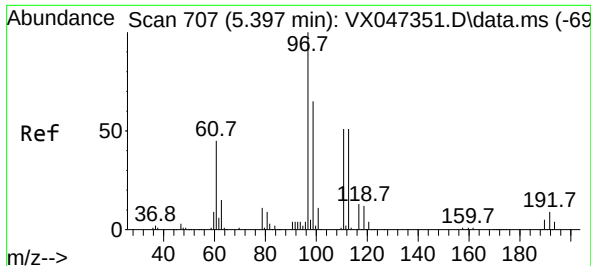
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

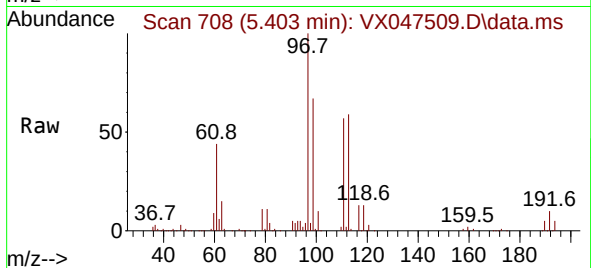
Tgt Ion:114 Resp: 348326
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.5 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.609 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

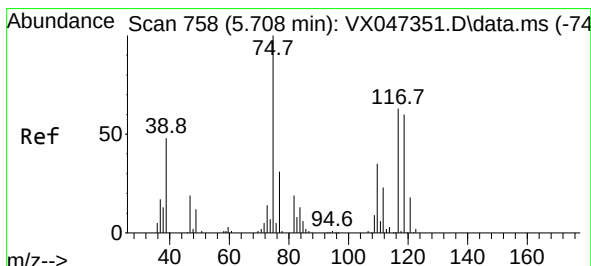
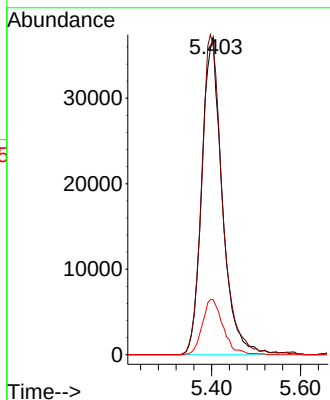
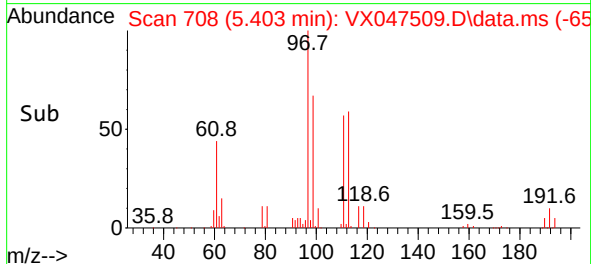
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 11893
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.2
192 17.7 14.1 21.1

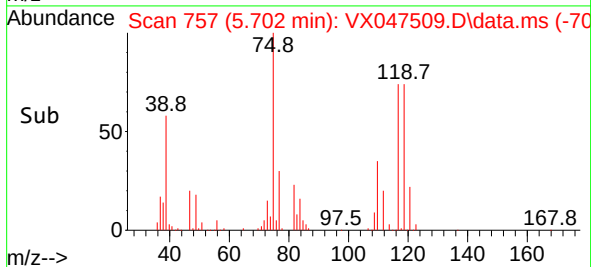
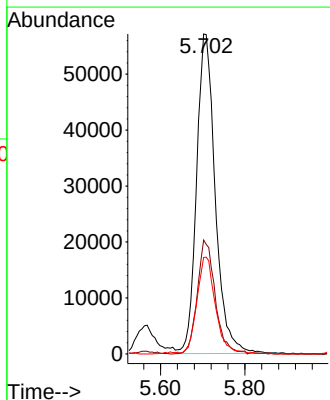
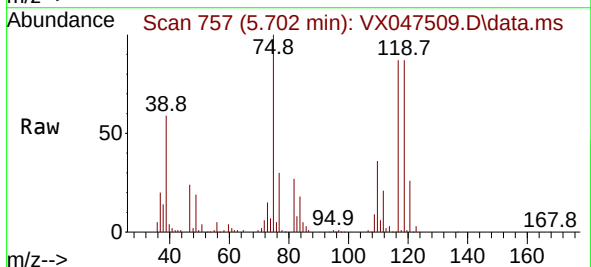
Manual Integrations
APPROVED

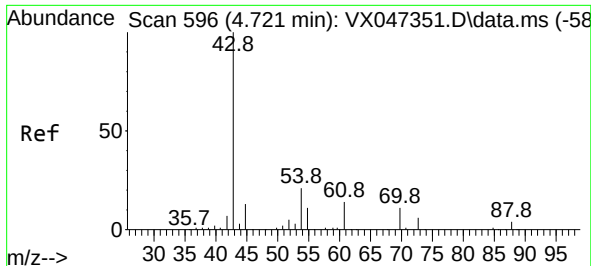
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#36
1,1-Dichloropropene
Concen: 49.336 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 75 Resp: 176064
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.2
77 29.9 24.4 36.6





#37

Ethyl Acetate

Concen: 49.512 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18343

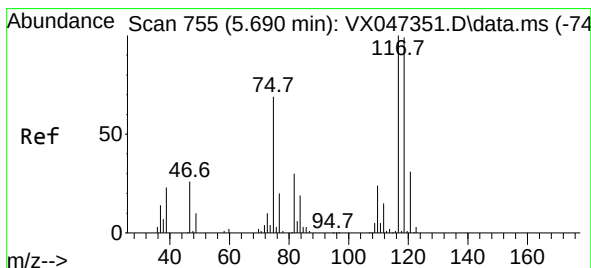
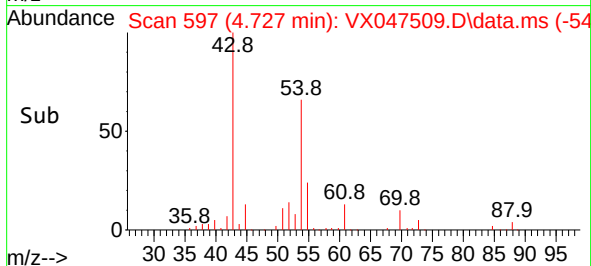
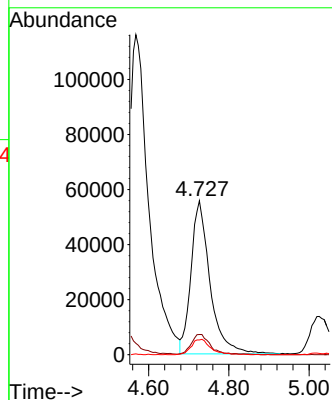
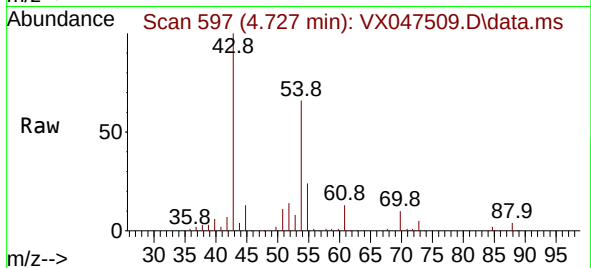
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.4	14.2
70	10.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#38

Carbon Tetrachloride

Concen: 48.921 ug/l

RT: 5.690 min Scan# 755

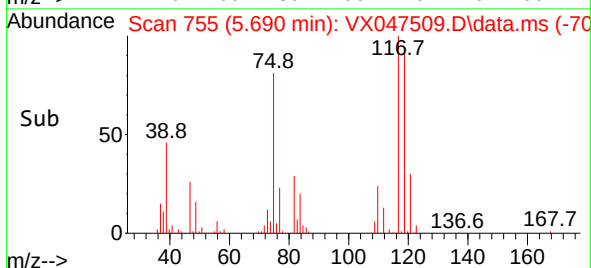
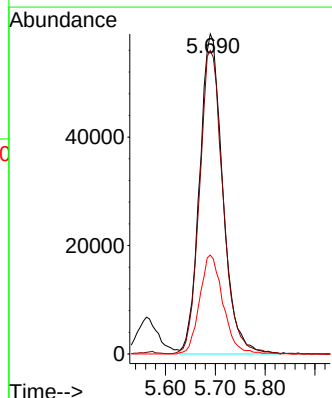
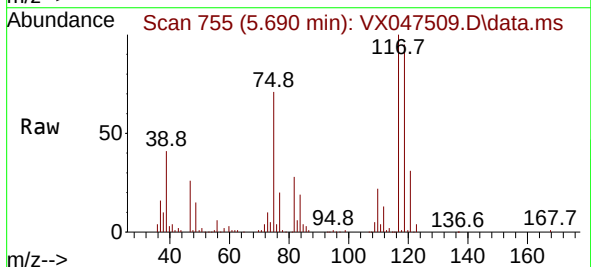
Delta R.T. 0.000 min

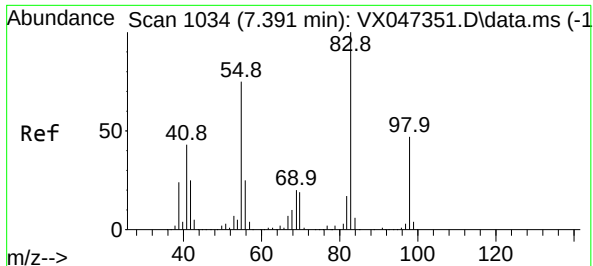
Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Tgt Ion:117 Resp: 190779

Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.5	117.7
121	30.9	24.7	37.1





#39

Methylcyclohexane

Concen: 45.914 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 20437

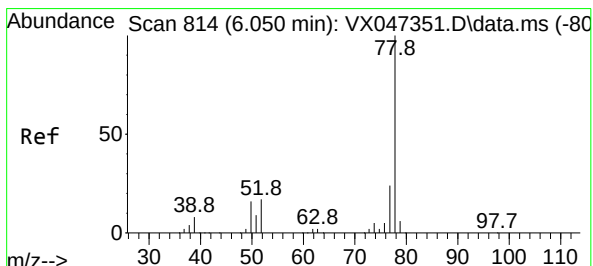
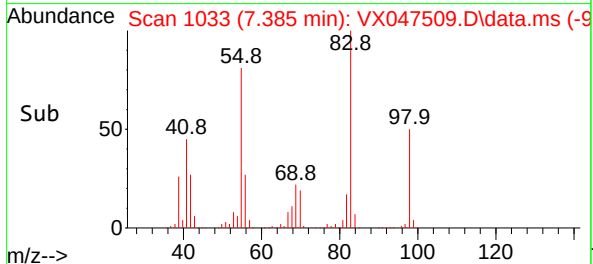
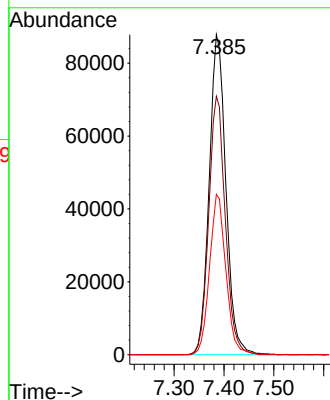
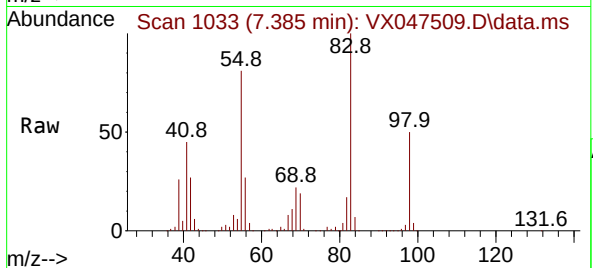
Ion	Ratio	Lower	Upper
83	100		
55	80.8	60.0	90.0
98	50.1	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 51.955 ug/l

RT: 6.050 min Scan# 814

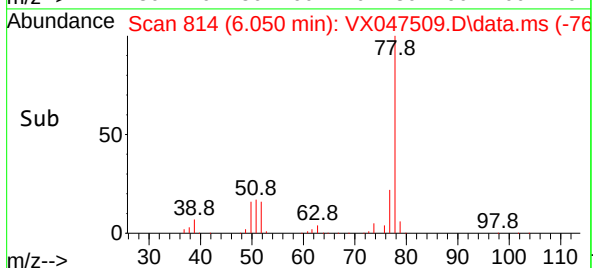
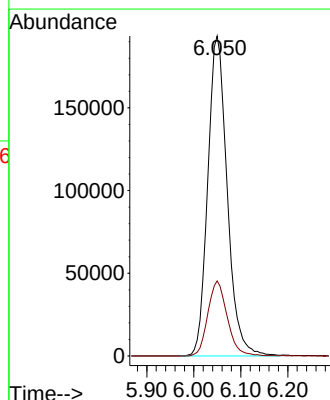
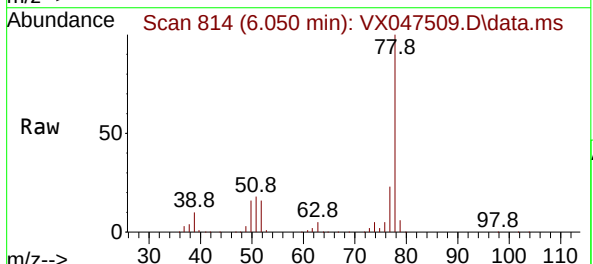
Delta R.T. 0.000 min

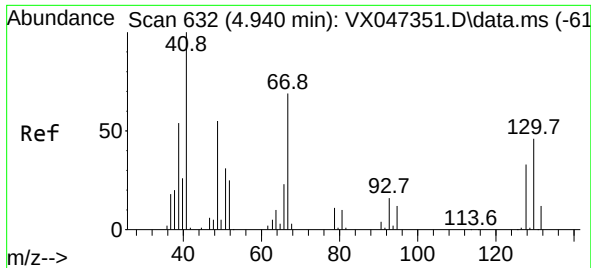
Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Tgt Ion: 78 Resp: 554962

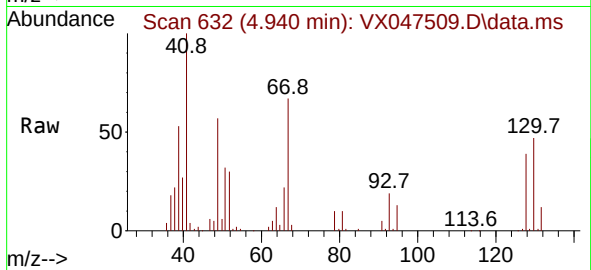
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41
Methacrylonitrile
Concen: 56.784 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

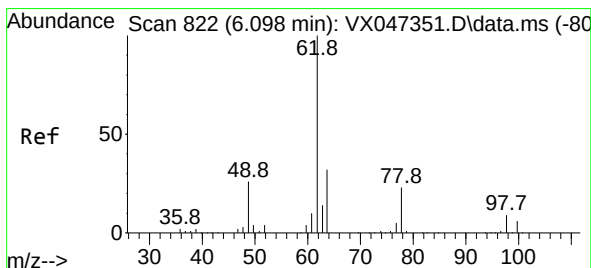
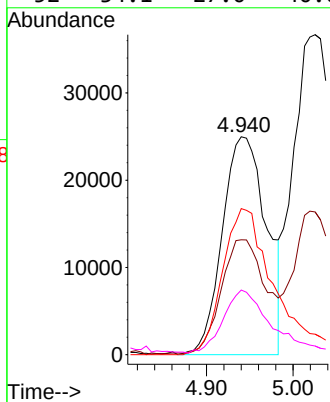
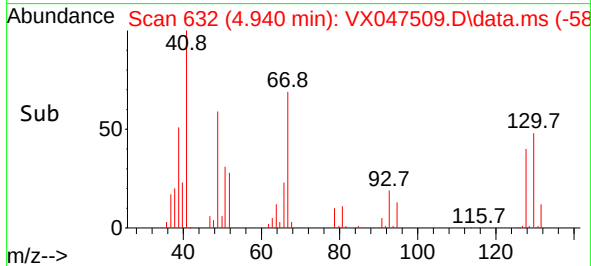
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 88712
Ion Ratio Lower Upper
41 100
39 52.5 45.4 68.2
67 79.8 64.0 96.0
52 34.1 27.0 40.6

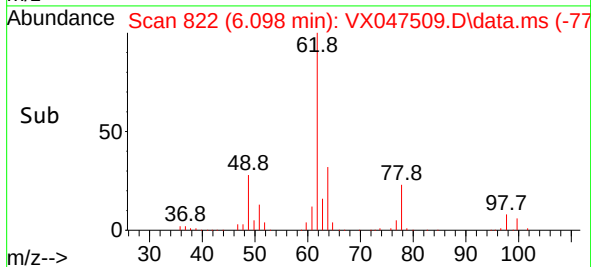
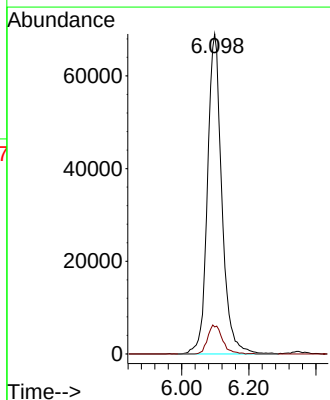
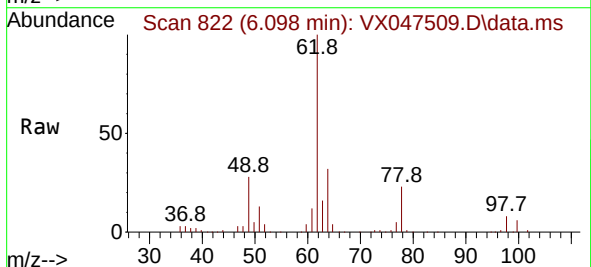
Manual Integrations
APPROVED

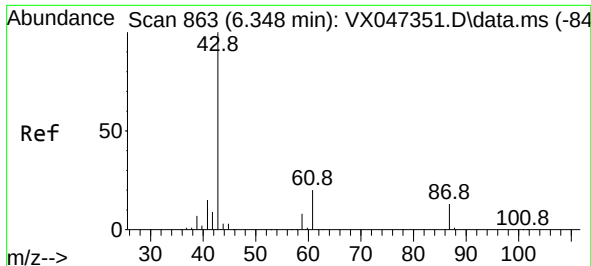
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 54.102 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

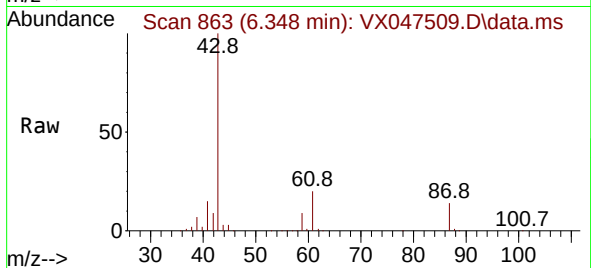
Tgt Ion: 62 Resp: 204696
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 55.293 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

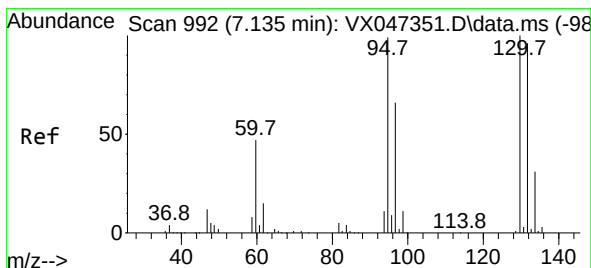
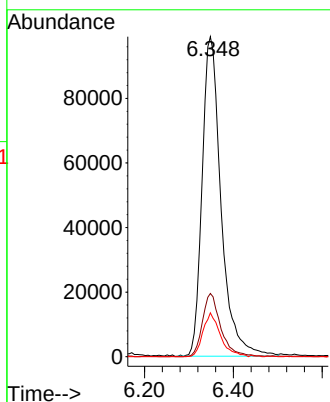
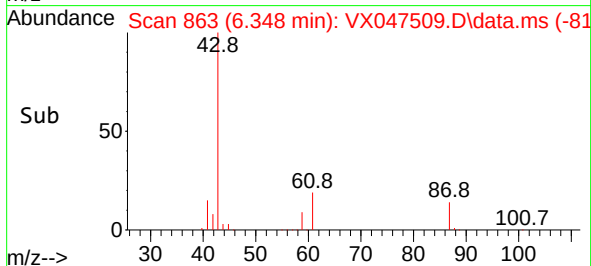
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 29428
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 12.6 10.2 15.4

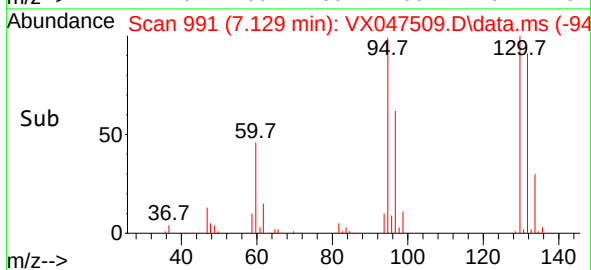
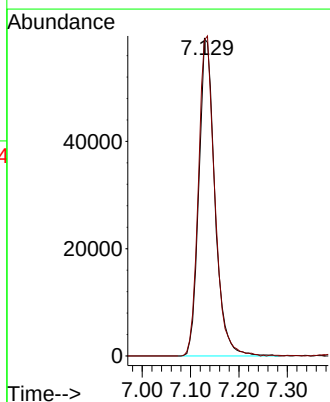
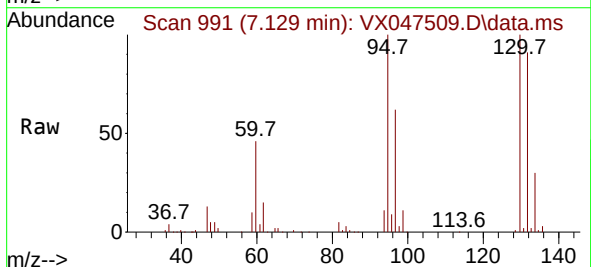
Manual Integrations
APPROVED

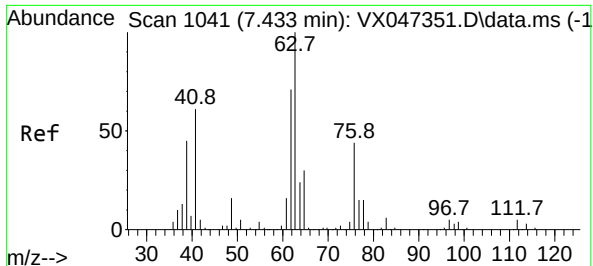
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
Trichloroethene
Concen: 49.828 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion:130 Resp: 136282
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 53.762 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 143860

Ion Ratio Lower Upper

63 100

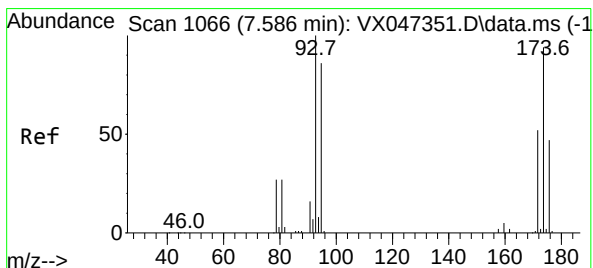
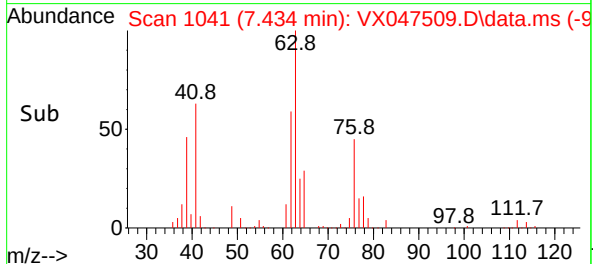
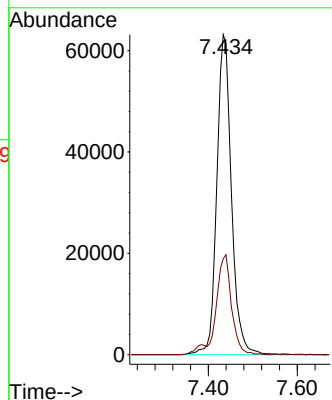
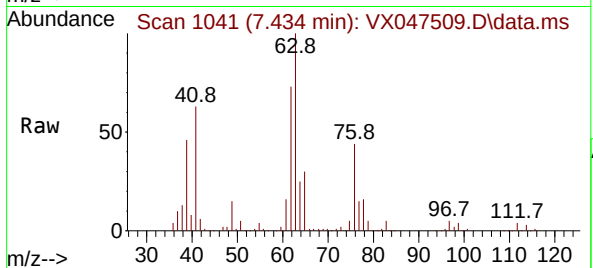
65 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#46

Dibromomethane

Concen: 54.109 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

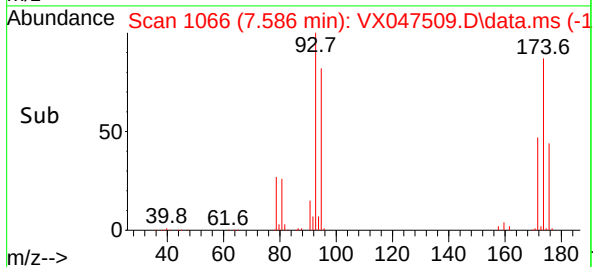
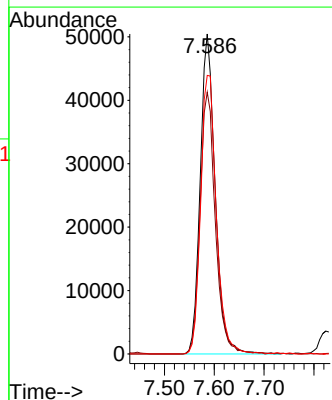
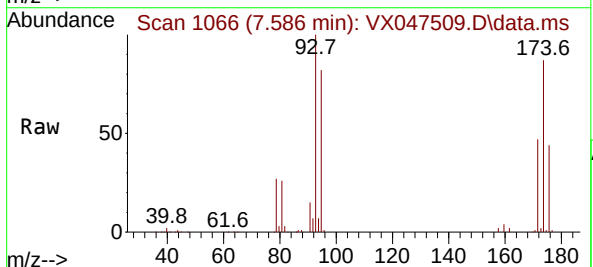
Tgt Ion: 93 Resp: 105120

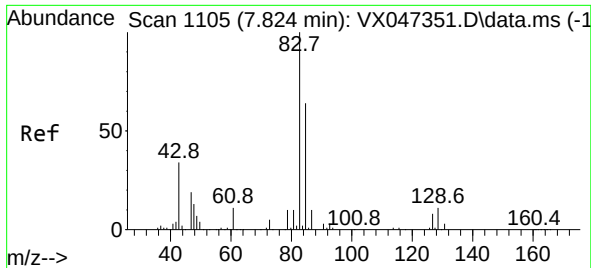
Ion Ratio Lower Upper

93 100

95 83.7 68.0 102.0

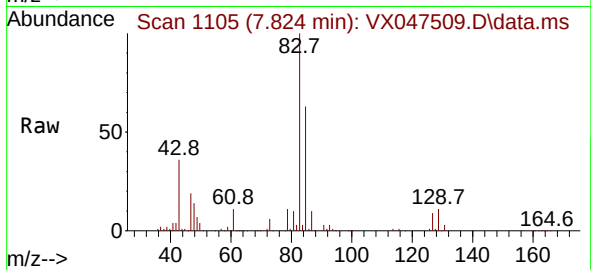
174 91.6 75.8 113.6





#47
Bromodichloromethane
Concen: 54.156 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

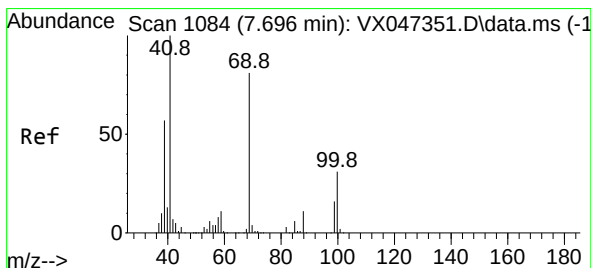
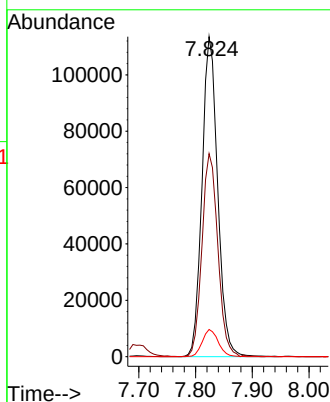
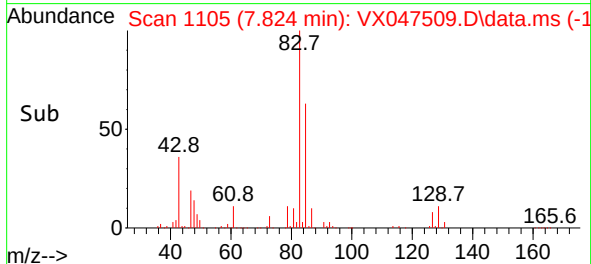
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 21811
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 8.5 7.0 10.4

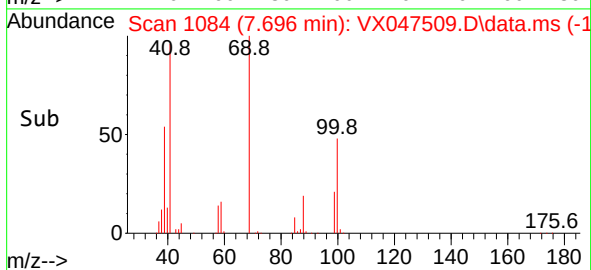
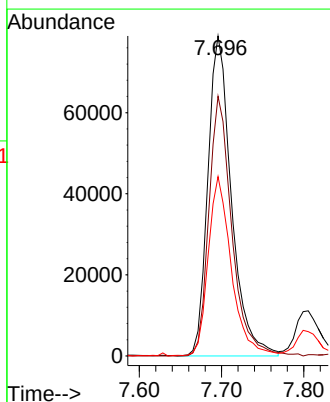
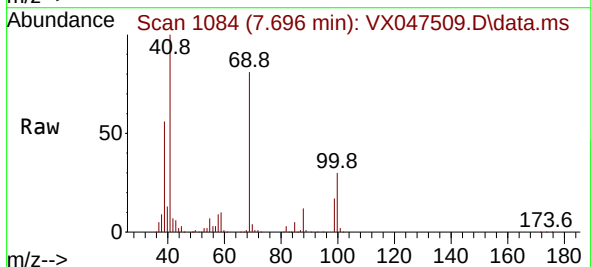
Manual Integrations
APPROVED

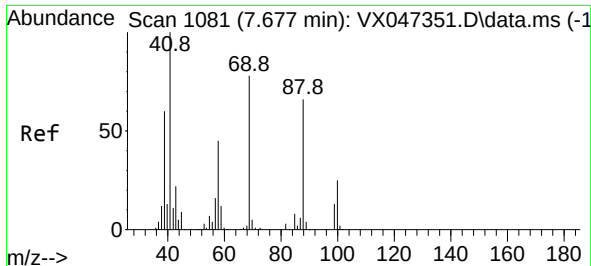
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#48
Methyl methacrylate
Concen: 57.017 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 41 Resp: 157516
Ion Ratio Lower Upper
41 100
69 79.1 65.0 97.4
39 54.6 45.7 68.5





#49

1,4-Dioxane

Concen: 1203.196 ug/l

RT: 7.690 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3231

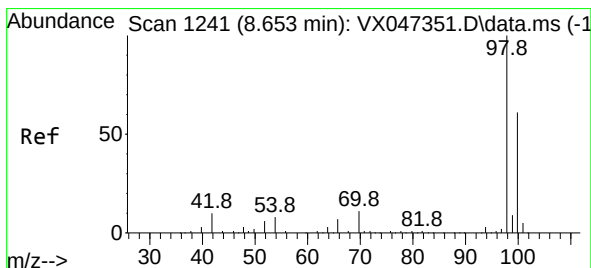
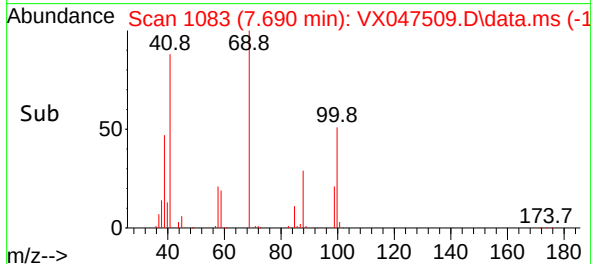
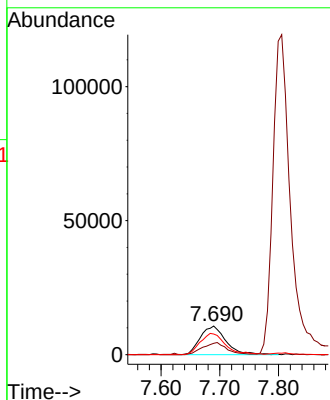
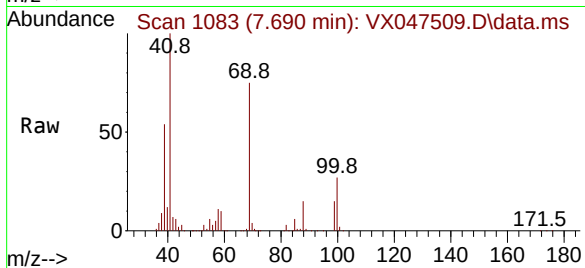
Ion	Ratio	Lower	Upper
88	100		
43	38.4	32.4	48.6
58	73.0	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 50.996 ug/l

RT: 8.653 min Scan# 1241

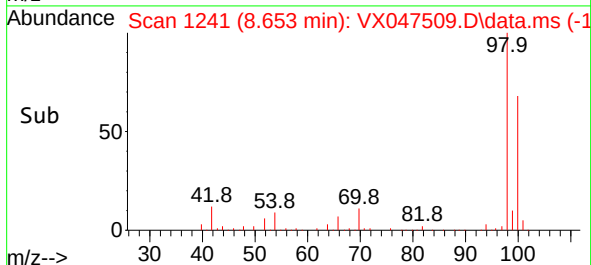
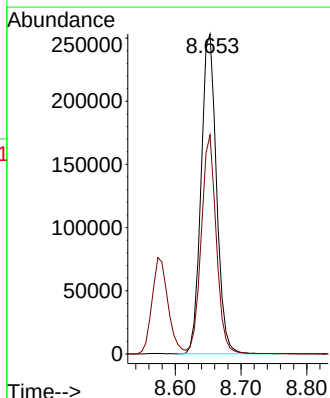
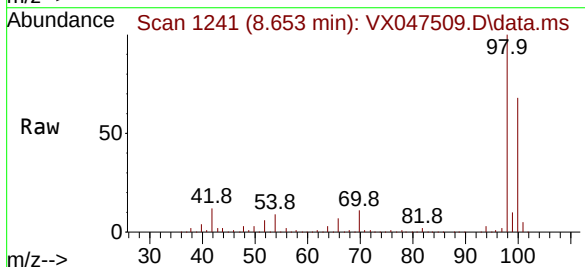
Delta R.T. 0.000 min

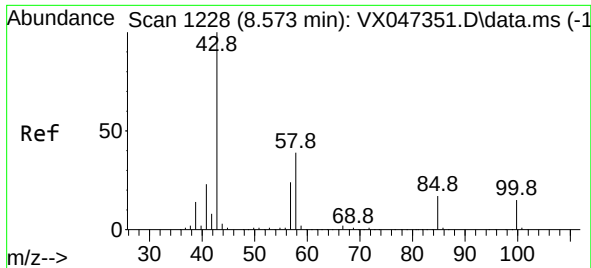
Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Tgt Ion: 98 Resp: 412057

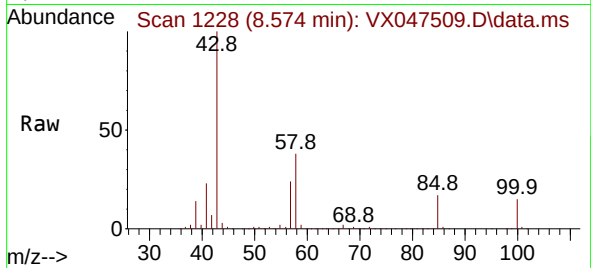
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 287.758 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

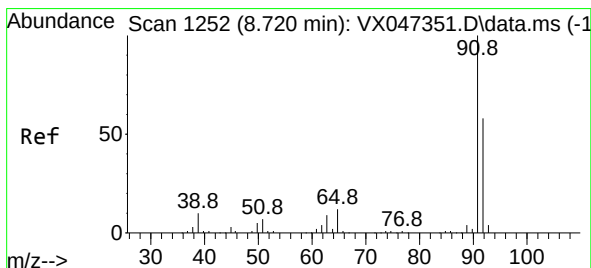
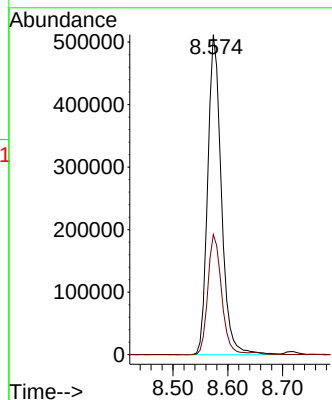
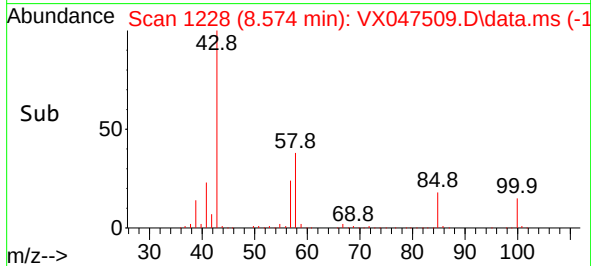
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 881330
Ion Ratio Lower Upper
43 100
58 37.8 31.2 46.8

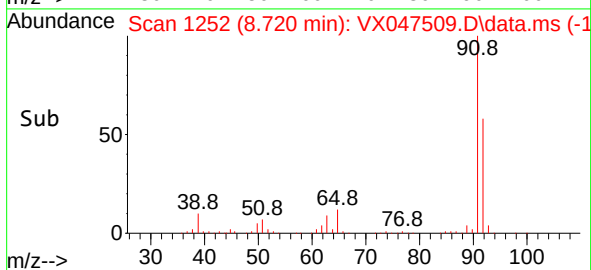
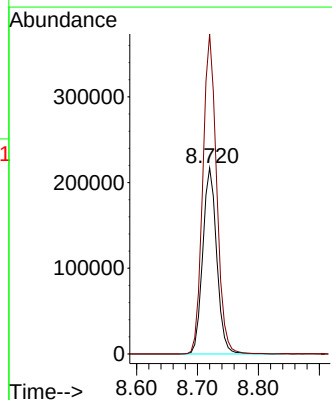
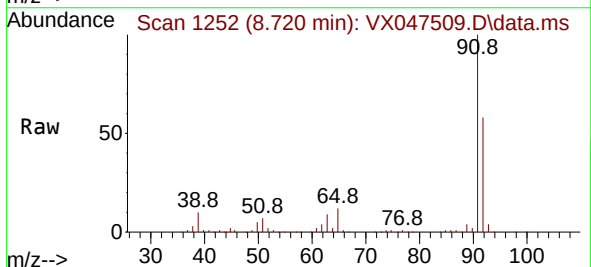
Manual Integrations
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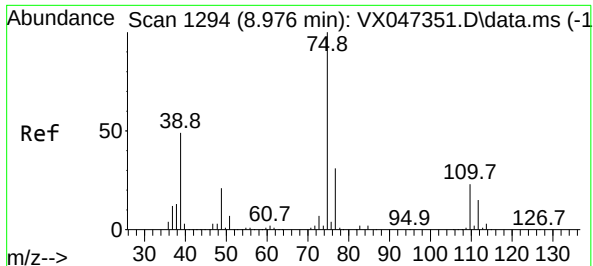
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Toluene
Concen: 52.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

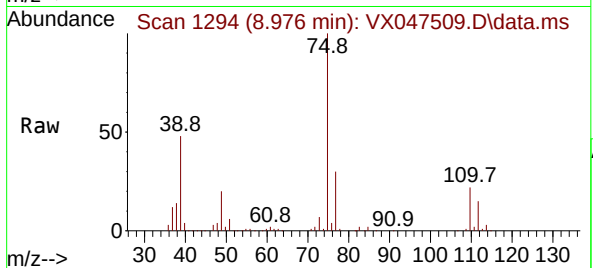
Tgt Ion: 92 Resp: 347352
Ion Ratio Lower Upper
92 100
91 170.4 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 56.957 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

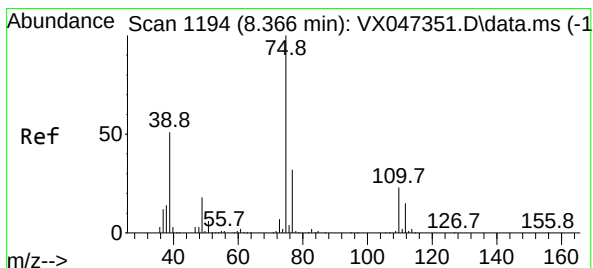
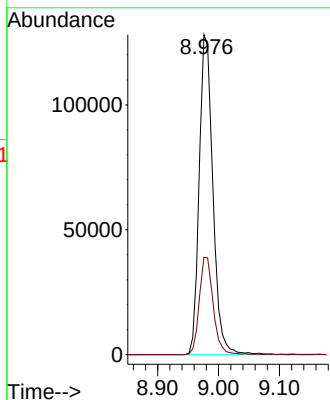
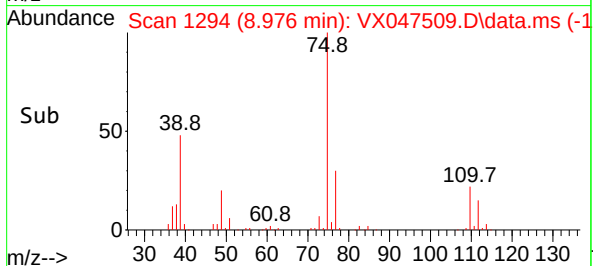
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 20020
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1

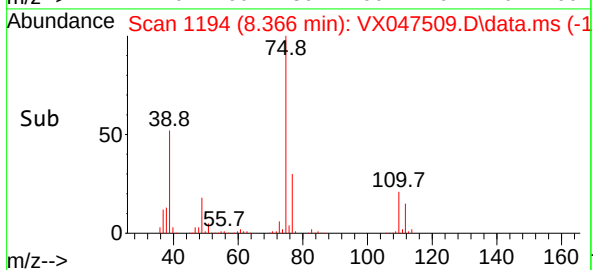
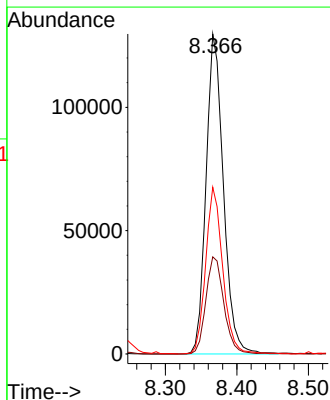
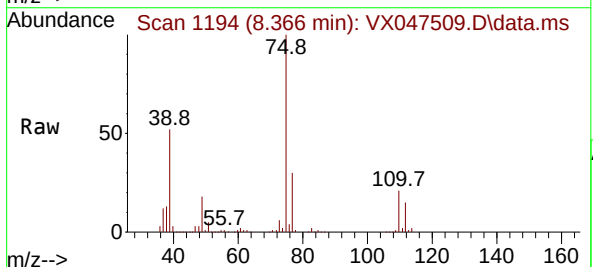
Manual Integrations
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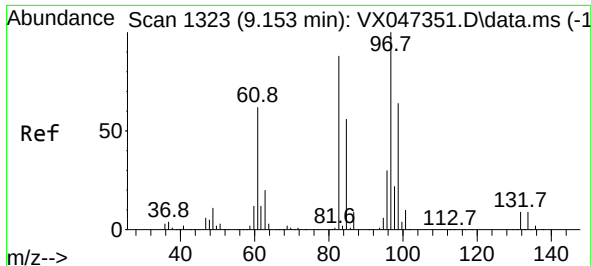
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 54.968 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

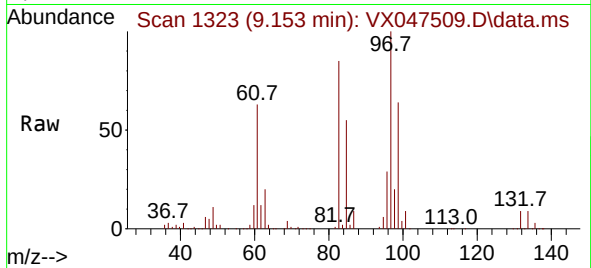
Tgt Ion: 75 Resp: 218694
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4
39 52.1 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 55.718 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

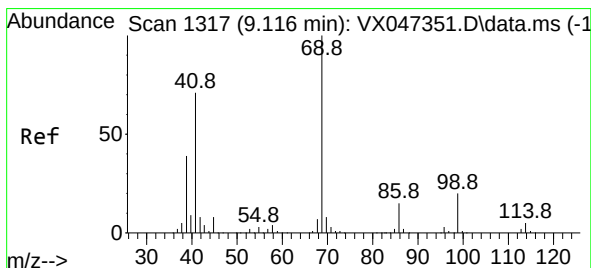
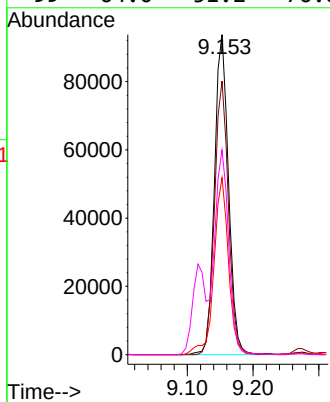
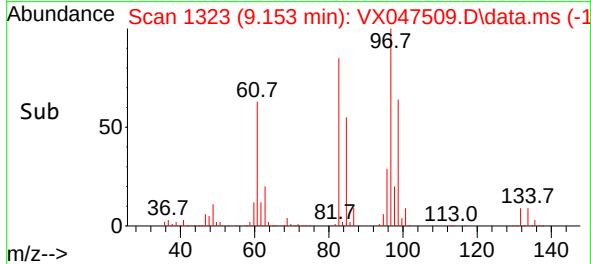
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



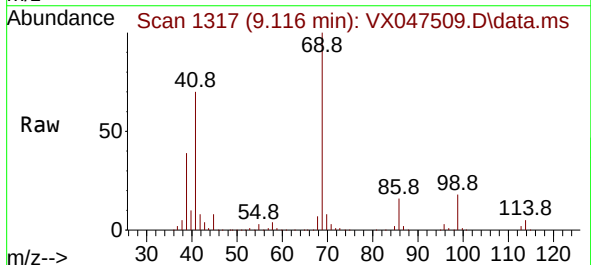
Tgt Ion: 97 Resp: 13963
Ion Ratio Lower Upper
97 100
83 85.5 70.6 106.0
85 55.3 44.7 67.1
99 64.0 51.2 76.8

Manual Integrations
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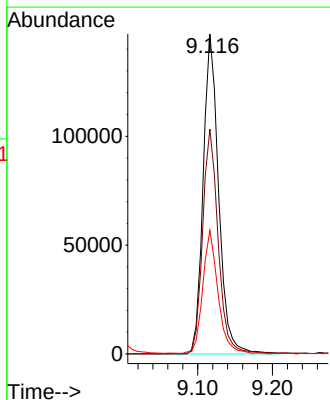
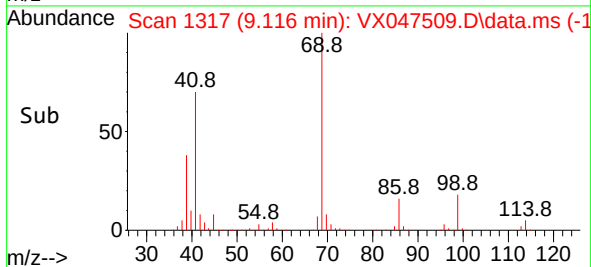
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

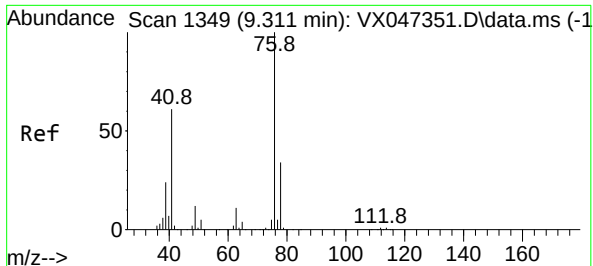


#56
Ethyl methacrylate
Concen: 57.319 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



Tgt Ion: 69 Resp: 211779
Ion Ratio Lower Upper
69 100
41 70.3 55.3 82.9
39 38.5 30.2 45.2





#57

1,3-Dichloropropane

Concen: 55.886 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23864

Ion Ratio Lower Upper

76 100

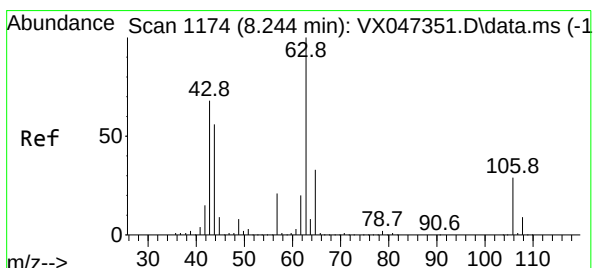
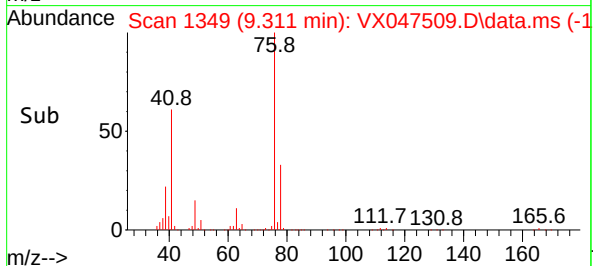
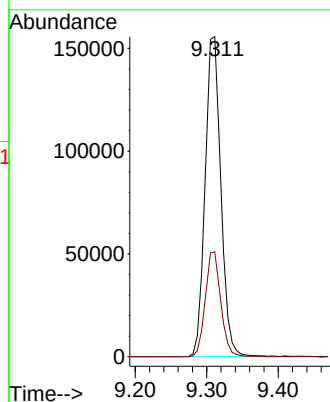
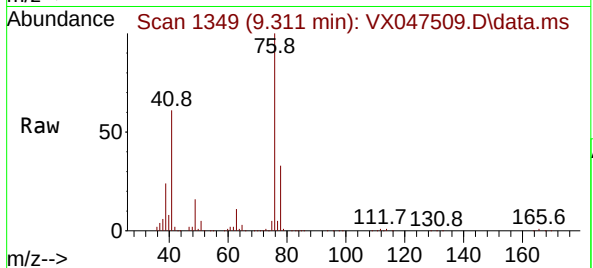
78 32.2 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.480 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047509.D

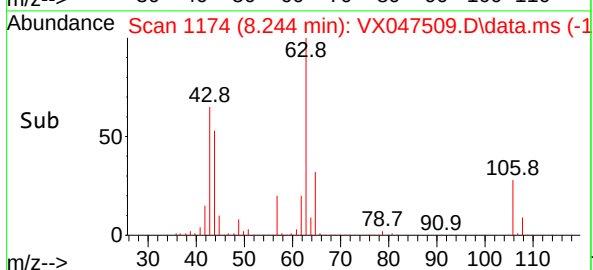
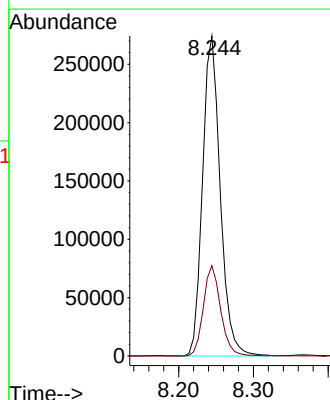
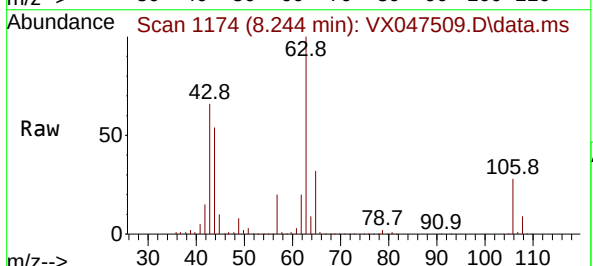
Acq: 22 Aug 2025 19:12

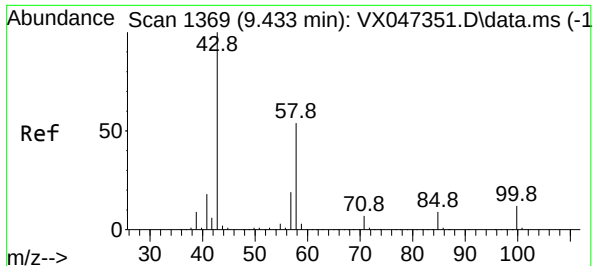
Tgt Ion: 63 Resp: 451077

Ion Ratio Lower Upper

63 100

106 27.5 22.8 34.2





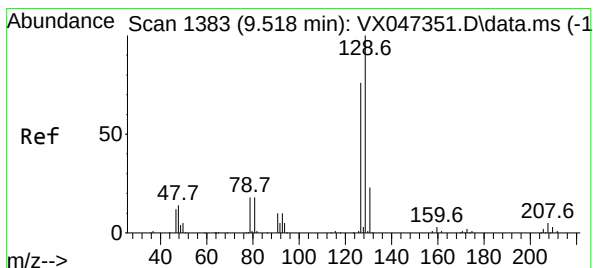
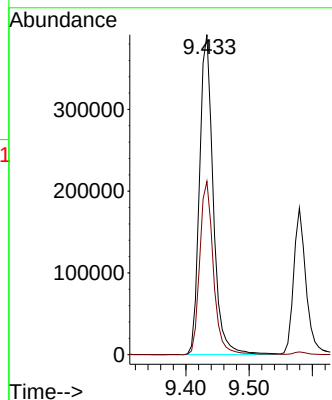
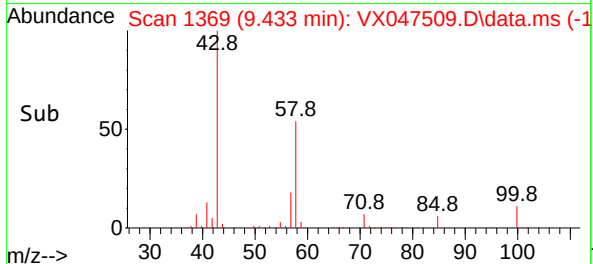
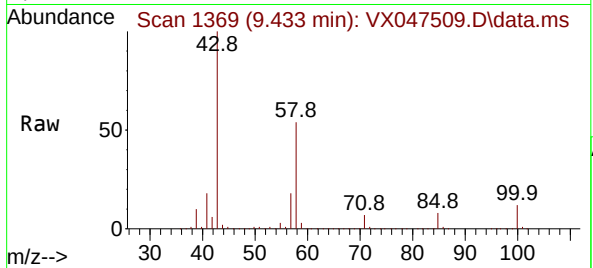
#59
2-Hexanone
Concen: 278.781 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 59061
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

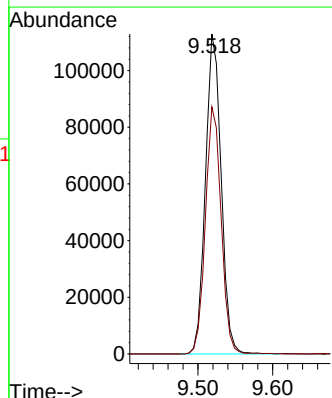
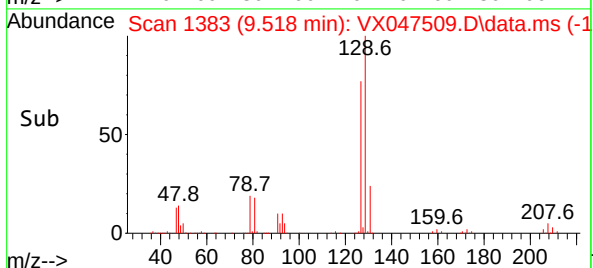
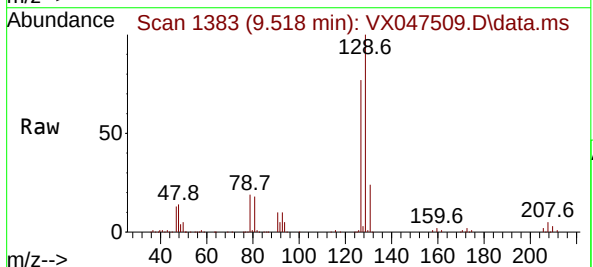
Manual Integrations
APPROVED

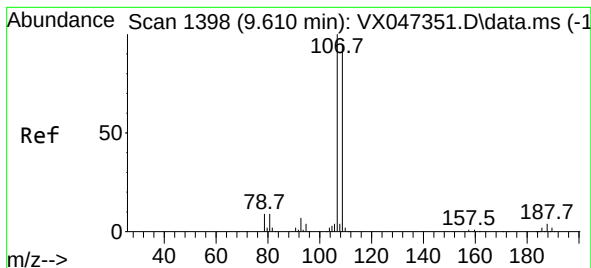
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#60
Dibromochloromethane
Concen: 55.351 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

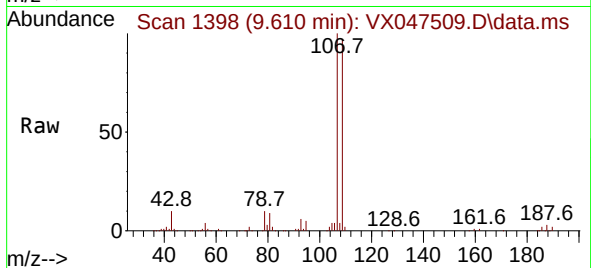
Tgt Ion:129 Resp: 164849
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 54.532 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

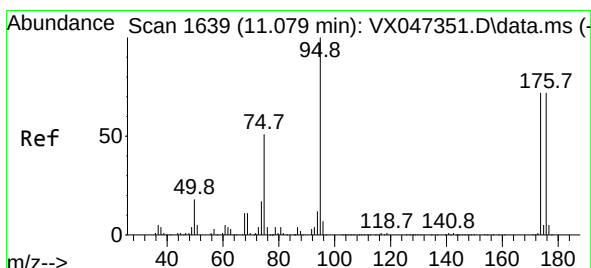
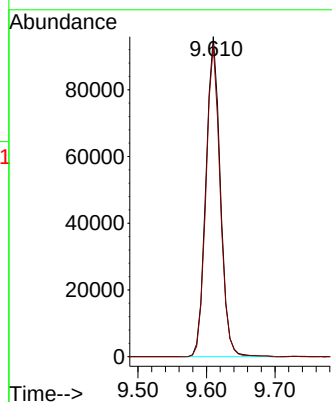
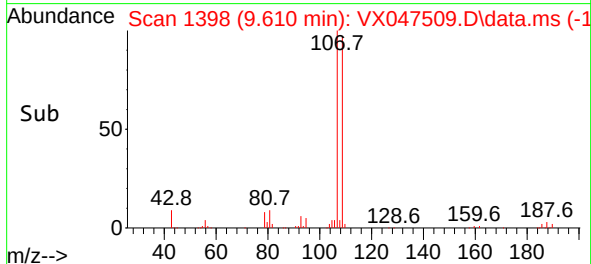
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



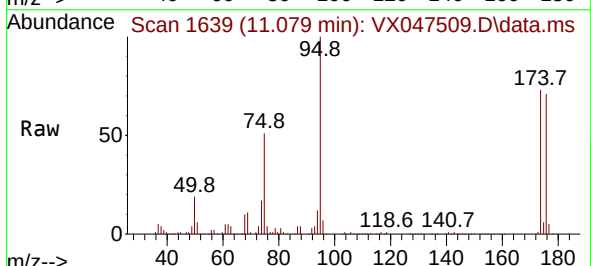
Tgt Ion:107 Resp: 140922
Ion Ratio Lower Upper
107 100
109 95.6 76.2 114.2

Manual Integrations
APPROVED

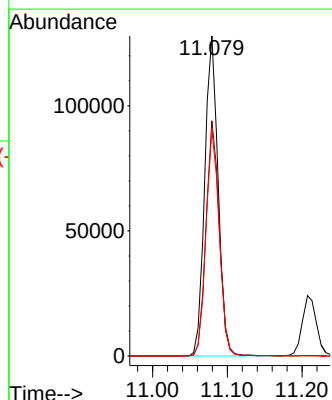
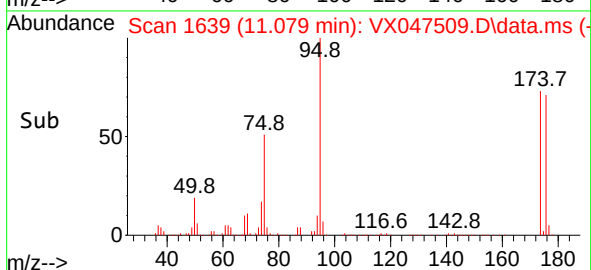
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

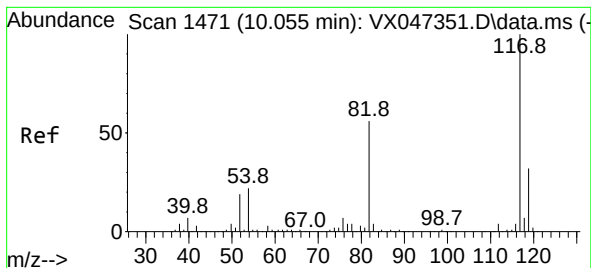


#62
4-Bromofluorobenzene
Concen: 53.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



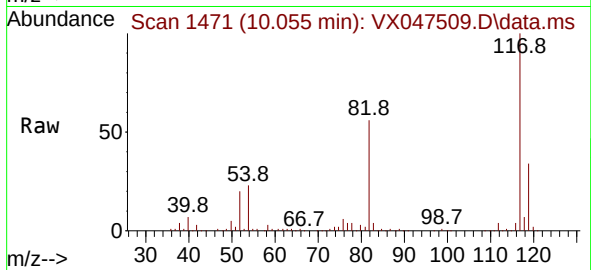
Tgt Ion: 95 Resp: 158730
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.0
176 69.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

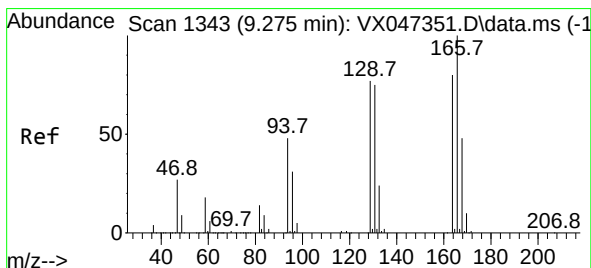
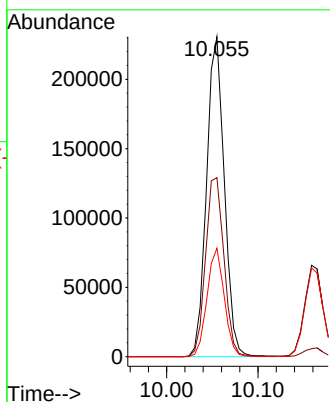
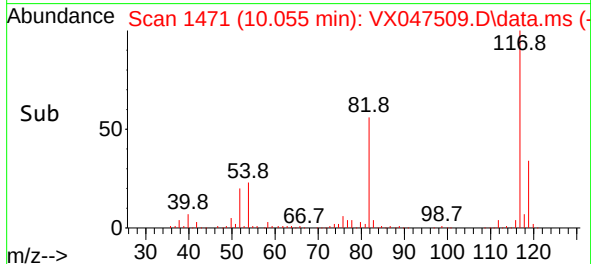
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 31053
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 33.9 25.8 38.8

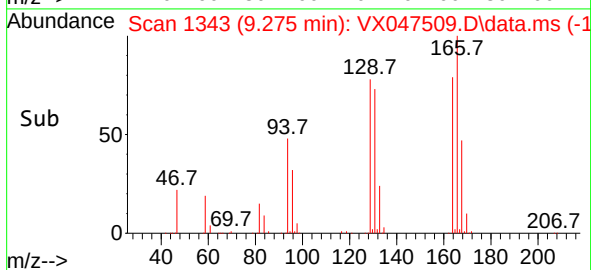
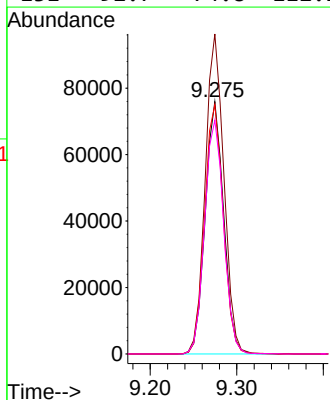
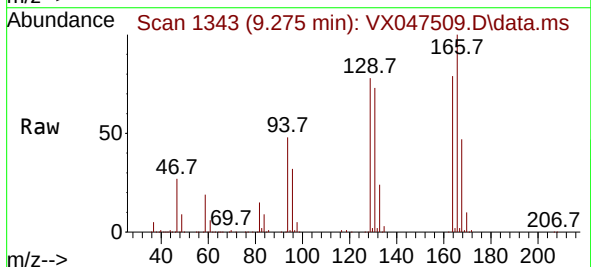
Manual Integrations
APPROVED

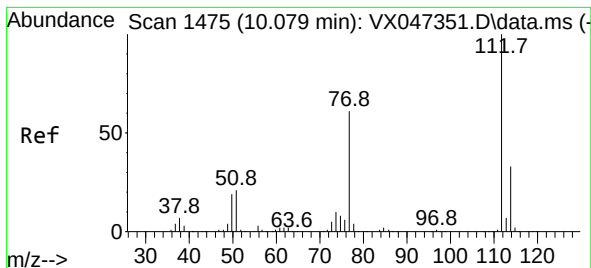
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#64
Tetrachloroethene
Concen: 49.979 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

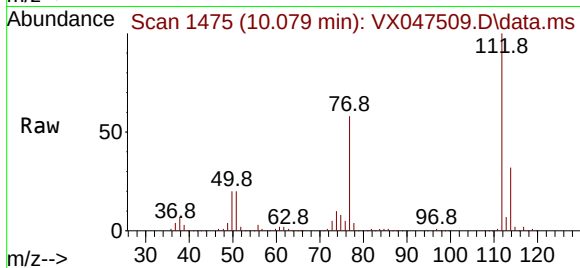
Tgt Ion:164 Resp: 112262
Ion Ratio Lower Upper
164 100
166 126.8 100.3 150.5
129 98.8 77.7 116.5
131 92.7 74.8 112.2





#65
Chlorobenzene
Concen: 53.057 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

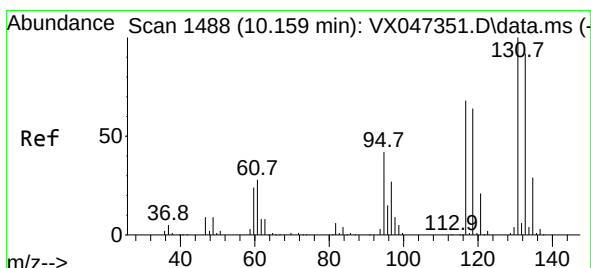
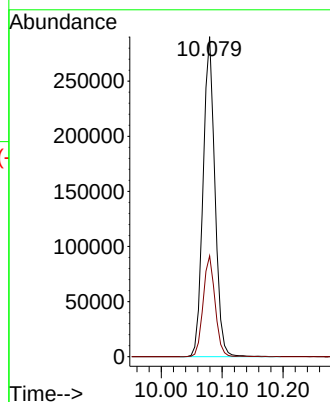
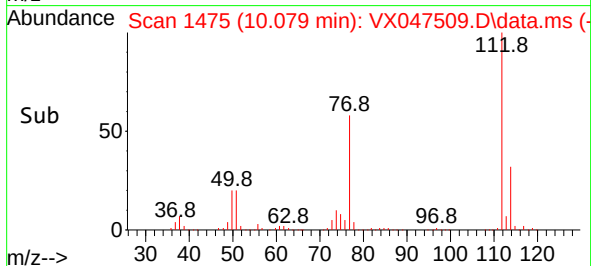
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 391538
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

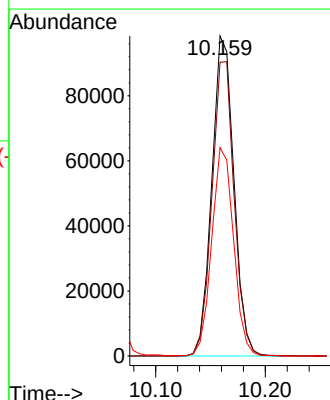
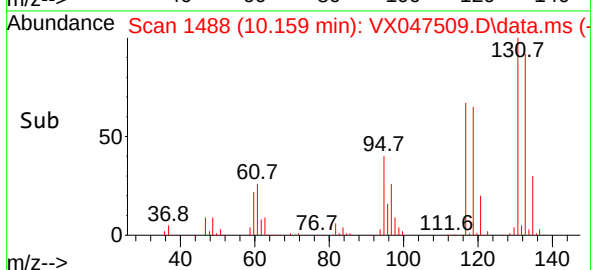
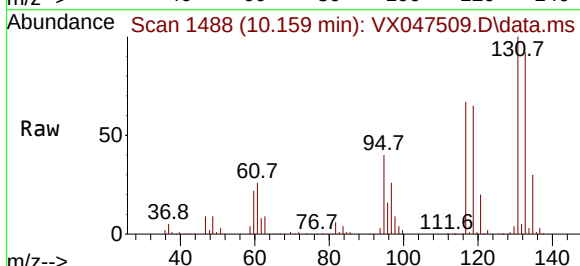
Manual Integrations
APPROVED

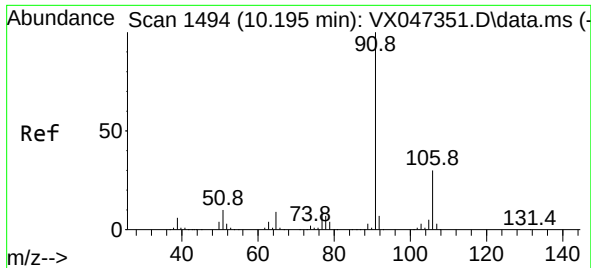
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.190 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

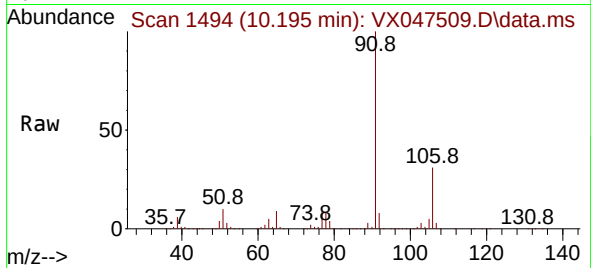
Tgt Ion:131 Resp: 137677
Ion Ratio Lower Upper
131 100
133 93.0 47.6 142.9
119 64.7 32.3 96.8





#67
Ethyl Benzene
Concen: 52.742 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

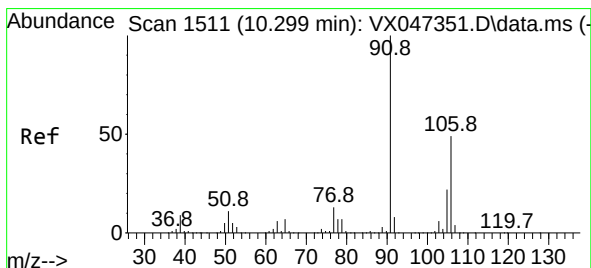
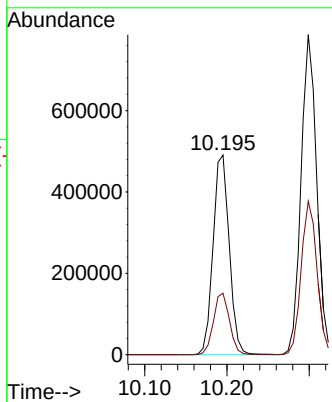
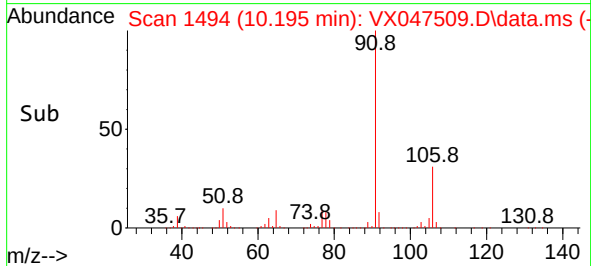
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 669893
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

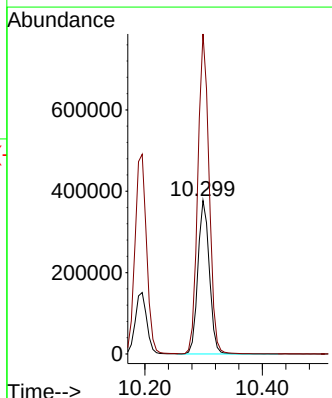
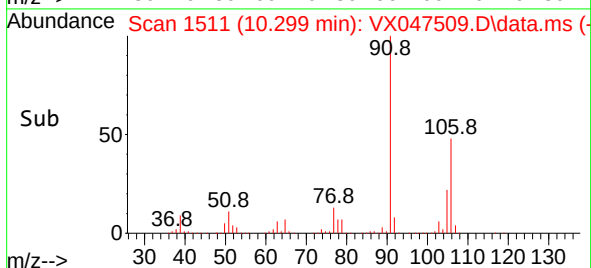
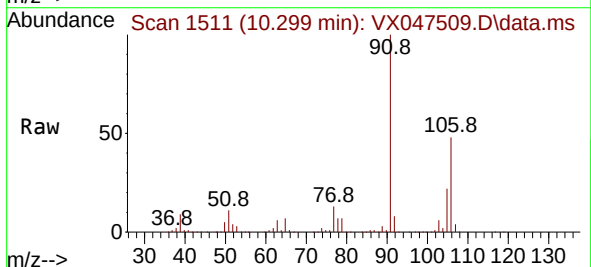
Manual Integrations
APPROVED

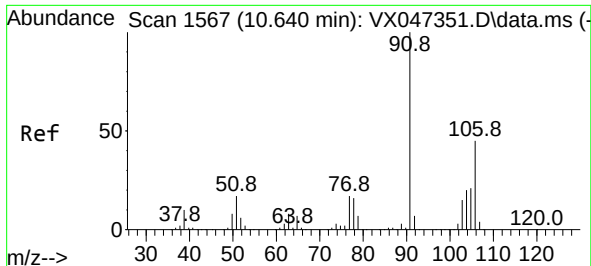
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#68
m/p-Xylenes
Concen: 107.383 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion:106 Resp: 508565
Ion Ratio Lower Upper
106 100
91 204.8 164.7 247.1





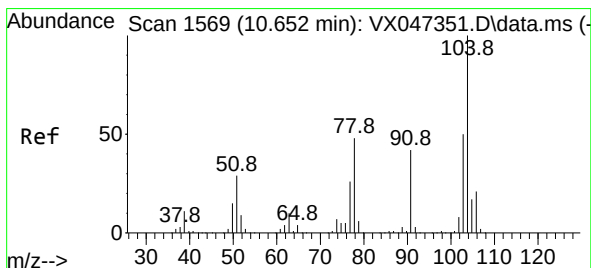
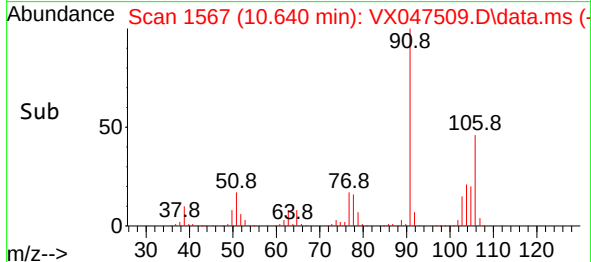
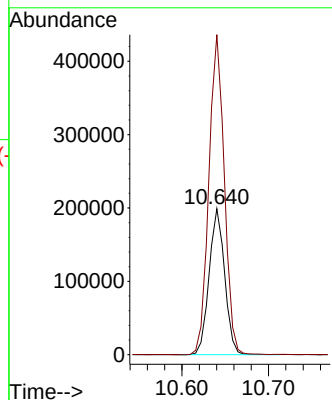
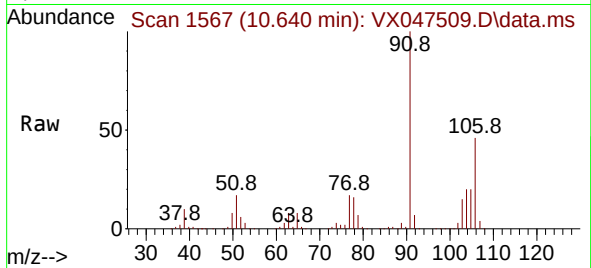
#69
o-Xylene
Concen: 54.329 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 247614
Ion Ratio Lower Upper
106 100
91 218.3 110.6 331.8

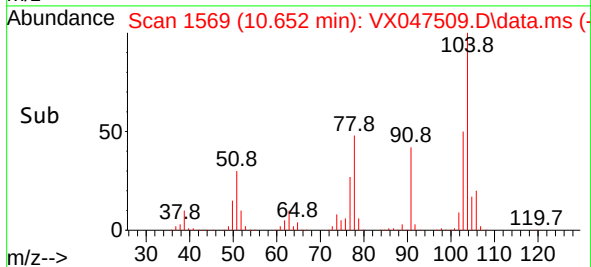
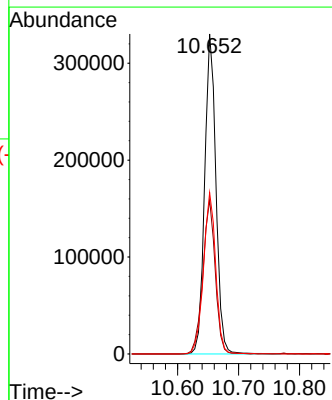
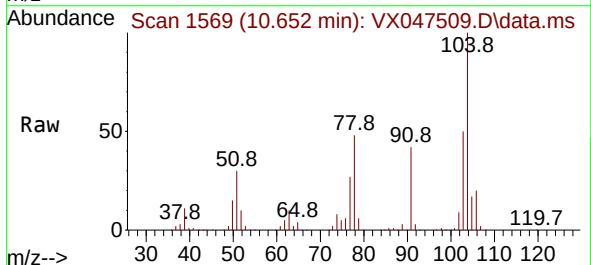
Manual Integrations
APPROVED

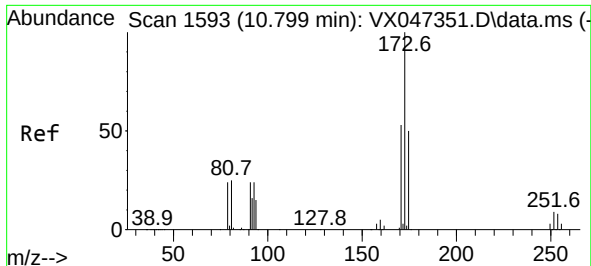
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 55.299 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

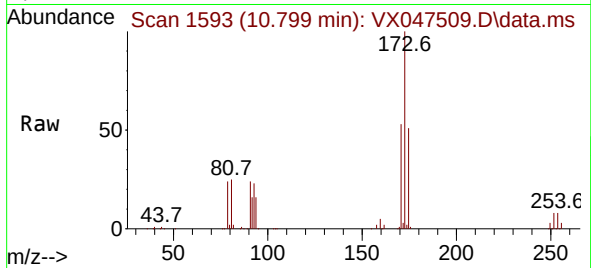
Tgt Ion:104 Resp: 425853
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 54.8 43.6 65.4





#71
Bromoform
Concen: 56.818 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

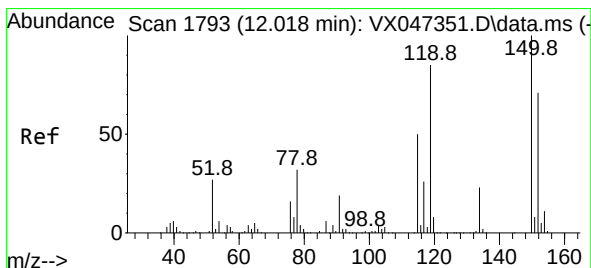
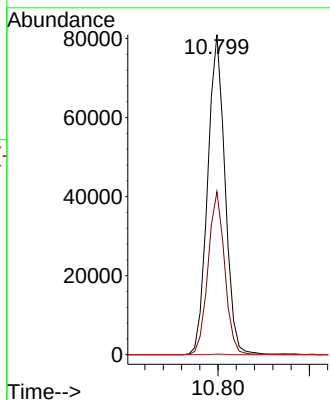
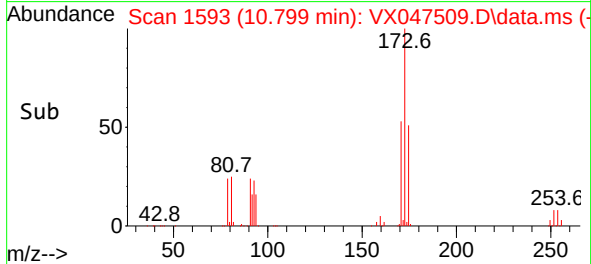
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10648
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.1 0.1 0.1

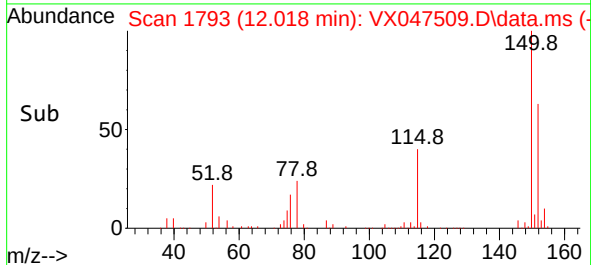
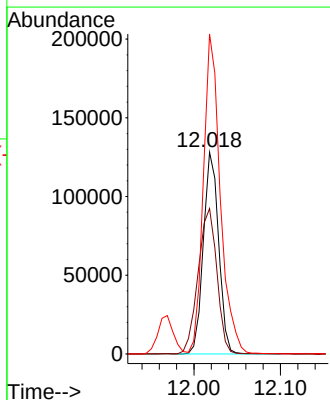
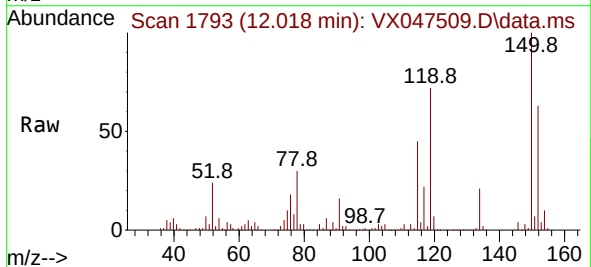
Manual Integrations
APPROVED

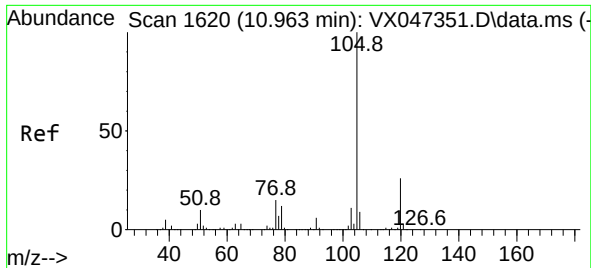
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

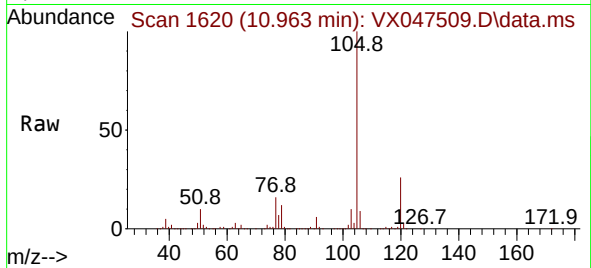
Tgt Ion:152 Resp: 157115
Ion Ratio Lower Upper
152 100
115 88.7 44.6 133.8
150 175.6 0.0 349.8





#73
Isopropylbenzene
Concen: 51.402 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

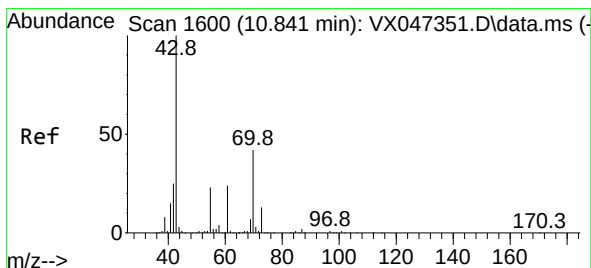
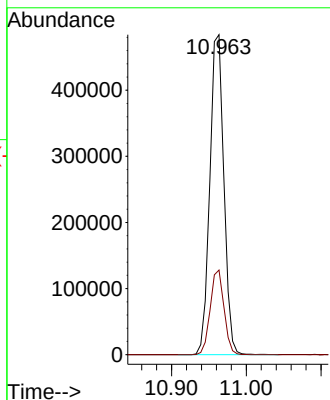
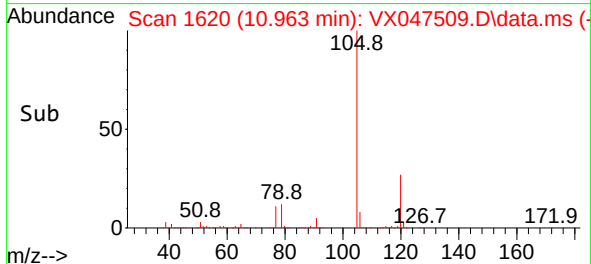
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 63198
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

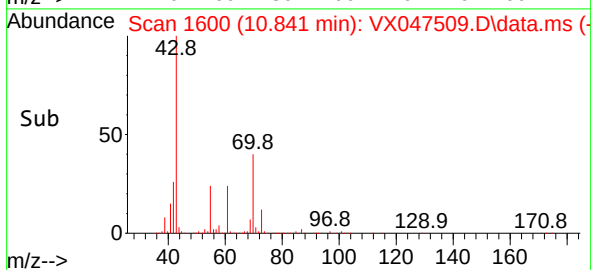
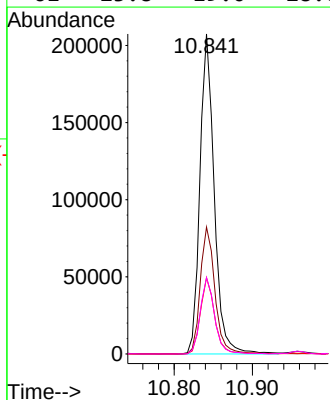
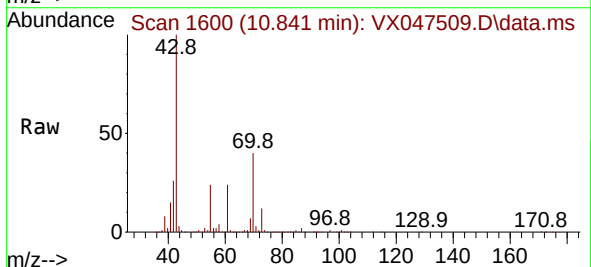
Manual Integrations
APPROVED

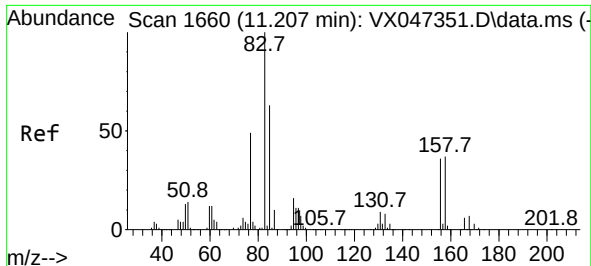
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#74
N-ethyl acetate
Concen: 56.428 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

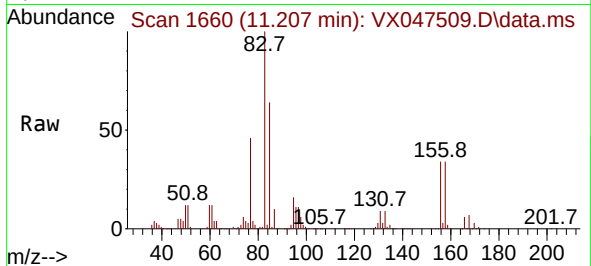
Tgt Ion: 43 Resp: 263456
Ion Ratio Lower Upper
43 100
70 40.8 33.1 49.7
55 23.9 19.0 28.6
61 23.8 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.678 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

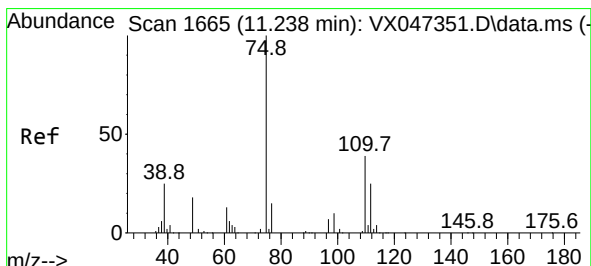
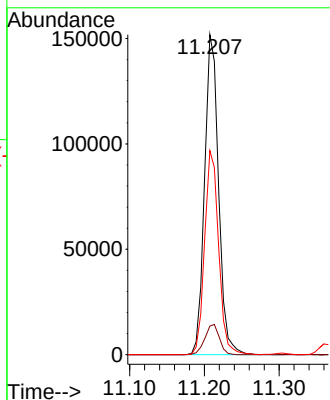
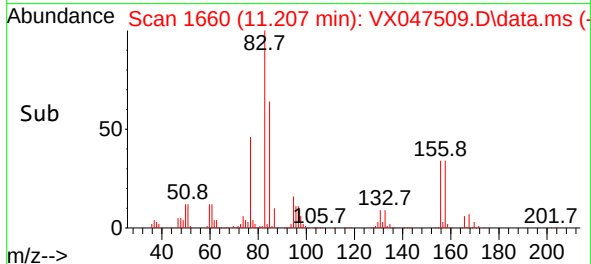
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 19738
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.9 31.7 95.1

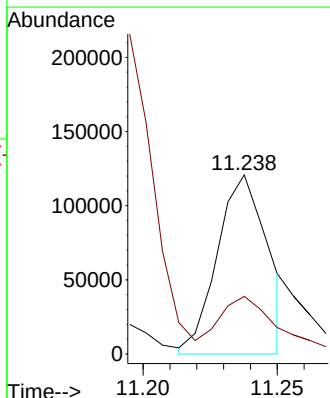
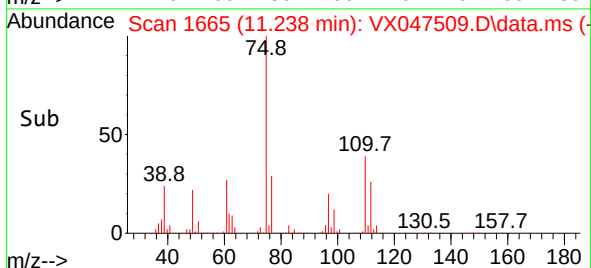
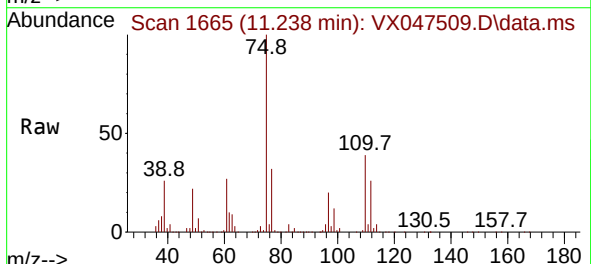
Manual Integrations
APPROVED

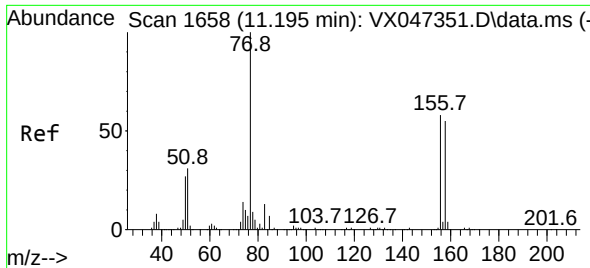
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#76
1,2,3-Trichloropropane
Concen: 54.497 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

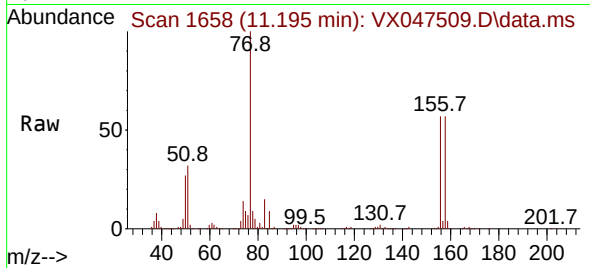
Tgt Ion: 75 Resp: 157042
Ion Ratio Lower Upper
75 100
77 38.2 19.4 58.2





#77
Bromobenzene
Concen: 52.302 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

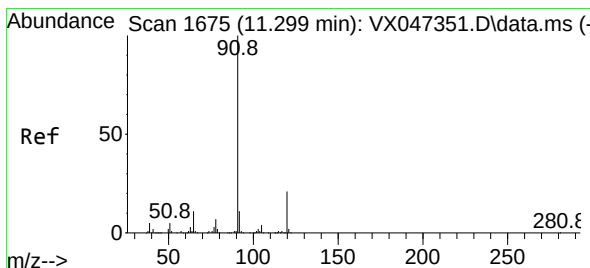
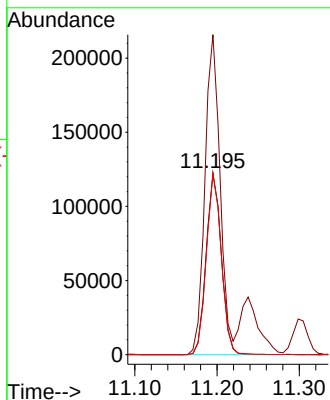
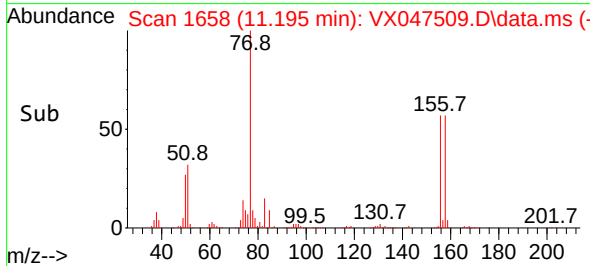
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



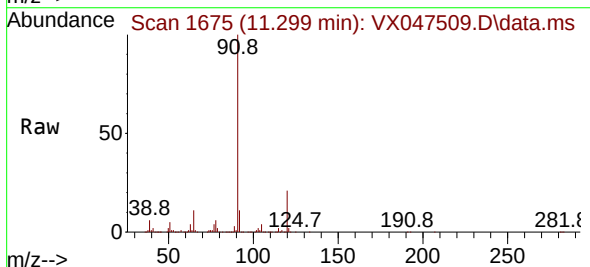
Tgt Ion:156 Resp: 157028
Ion Ratio Lower Upper
156 100
77 175.6 86.3 258.9
158 98.4 48.0 144.2

Manual Integrations
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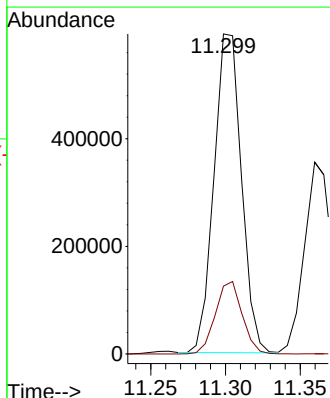
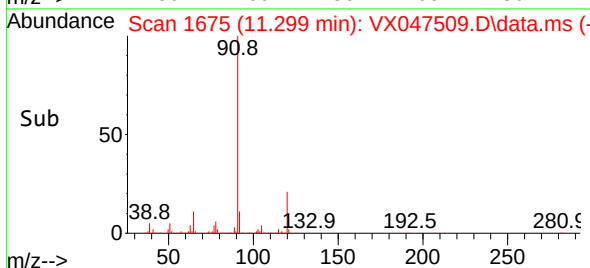
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

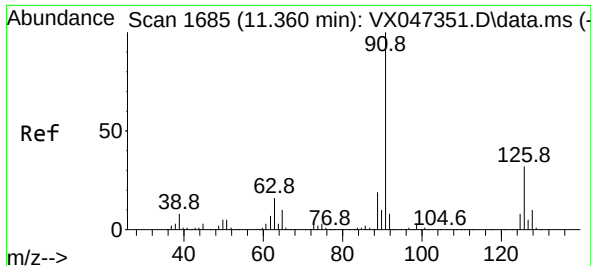


#78
n-propylbenzene
Concen: 51.574 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



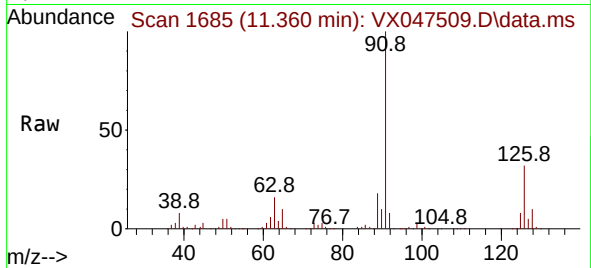
Tgt Ion: 91 Resp: 757315
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79
2-Chlorotoluene
Concen: 51.690 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

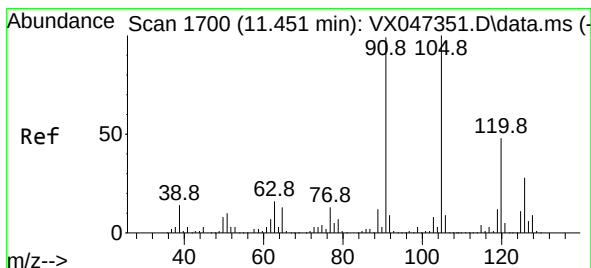
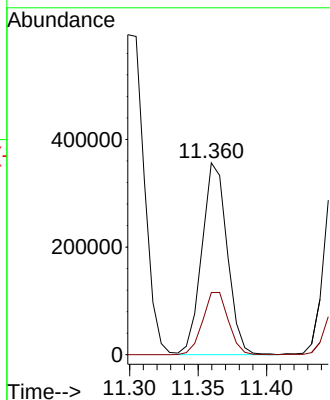
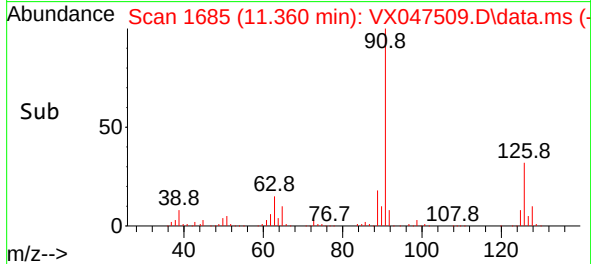
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



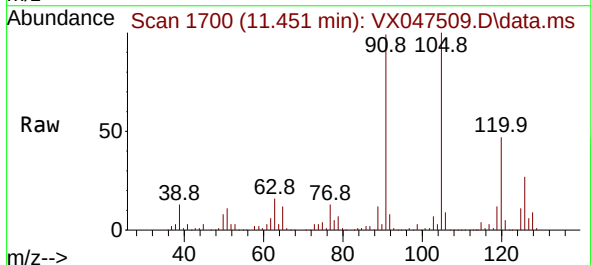
Tgt Ion: 91 Resp: 458829
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1

Manual Integrations
APPROVED

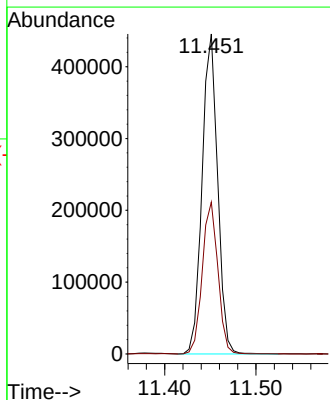
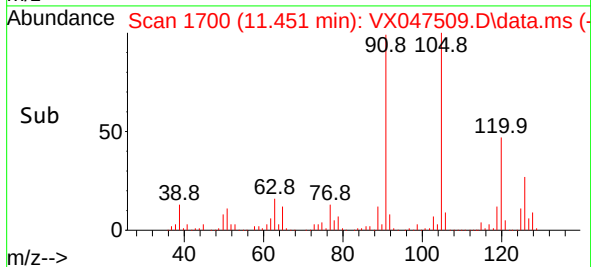
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

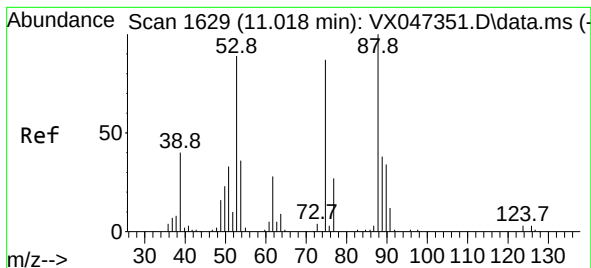


#80
1,3,5-Trimethylbenzene
Concen: 52.128 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



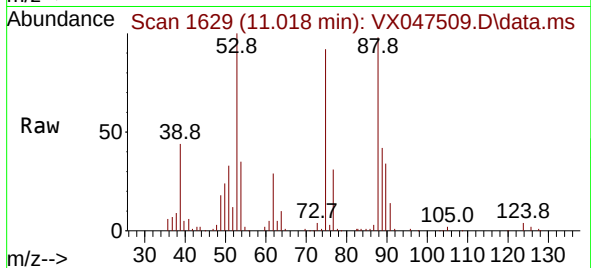
Tgt Ion:105 Resp: 527334
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.171 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

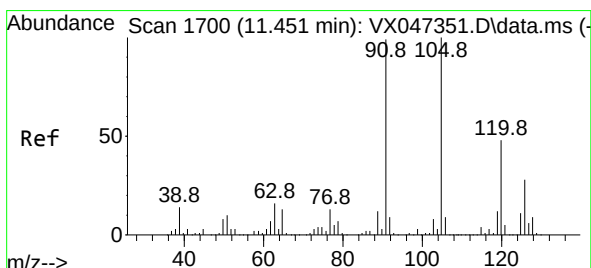
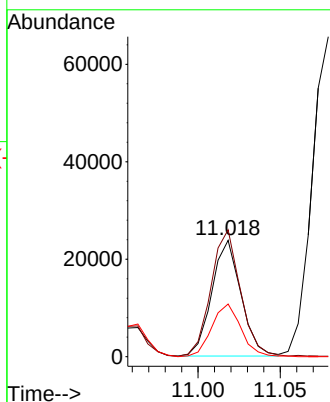
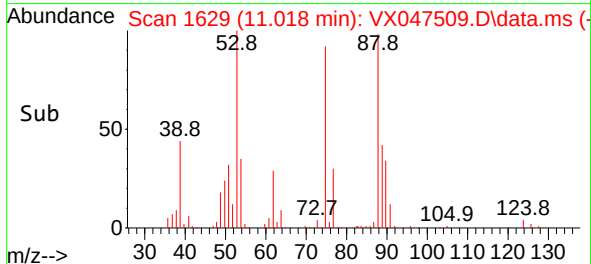
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 29348
Ion Ratio Lower Upper
75 100
53 110.0 85.2 127.8
89 45.7 36.7 55.1

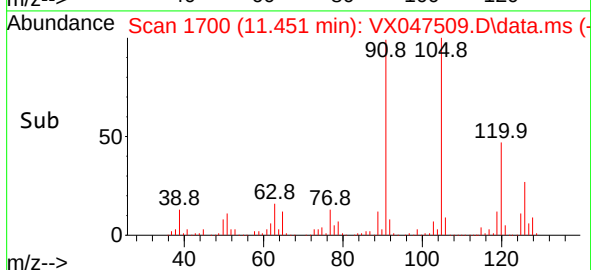
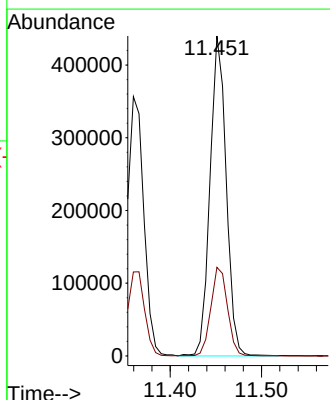
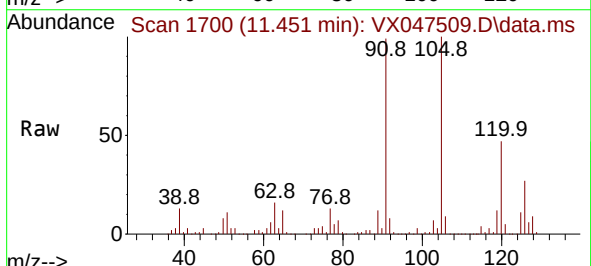
Manual Integrations
APPROVED

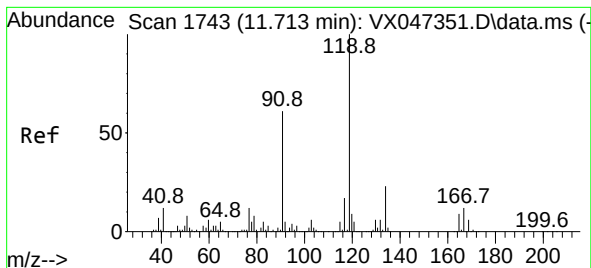
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#82
4-Chlorotoluene
Concen: 51.702 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion: 91 Resp: 540991
Ion Ratio Lower Upper
91 100
126 28.5 14.4 43.0





#83

tert-Butylbenzene

Concen: 52.597 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 530839

Ion Ratio Lower Upper

119 100

91 58.2 29.1 87.4

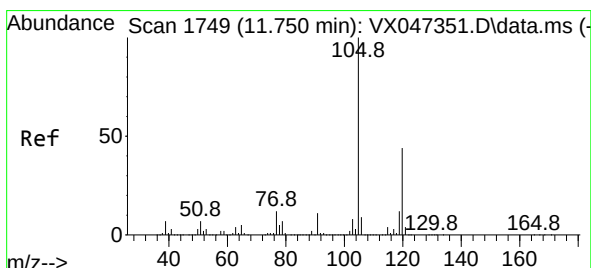
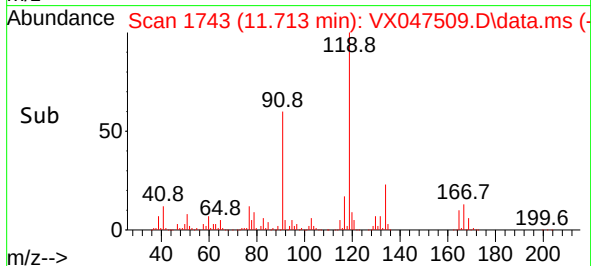
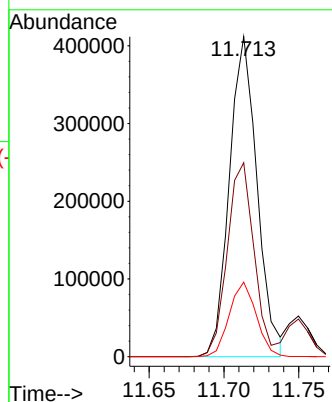
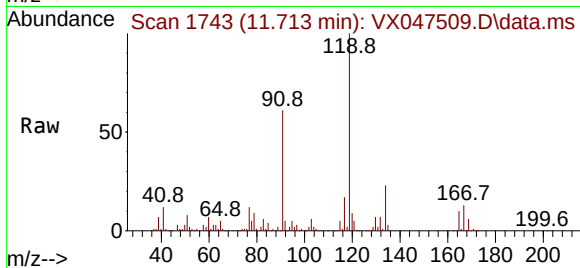
134 22.7 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.409 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047509.D

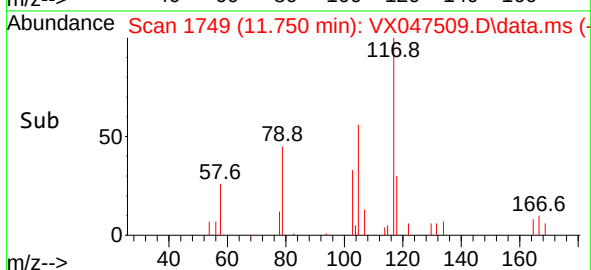
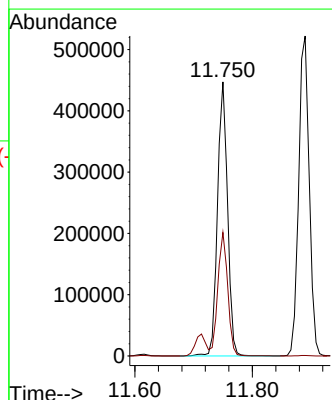
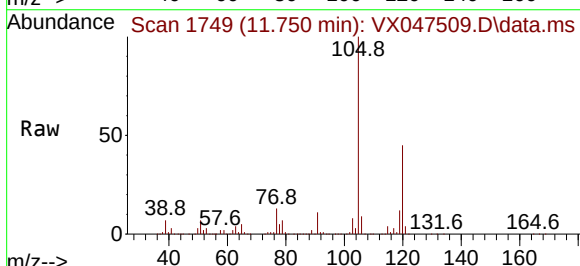
Acq: 22 Aug 2025 19:12

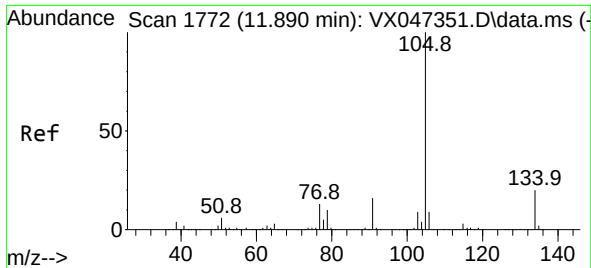
Tgt Ion:105 Resp: 530191

Ion Ratio Lower Upper

105 100

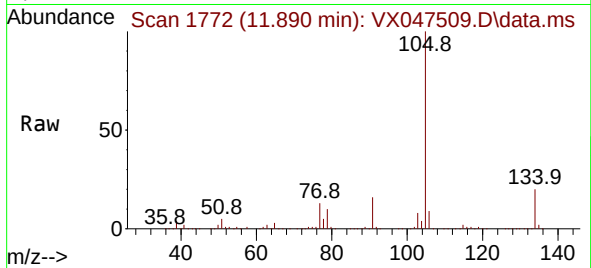
120 44.4 21.9 65.7





#85
sec-Butylbenzene
Concen: 51.945 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

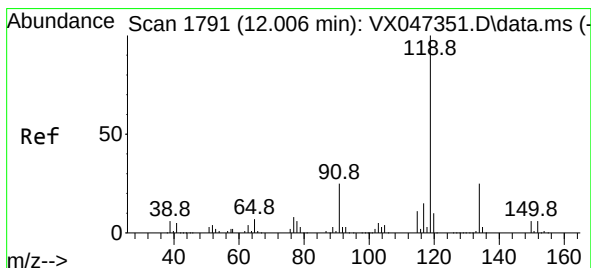
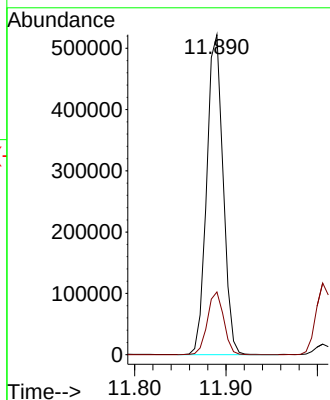
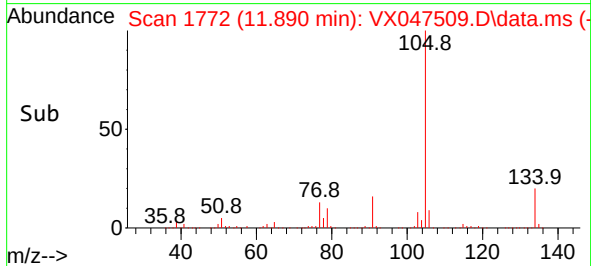
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 64980
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.5

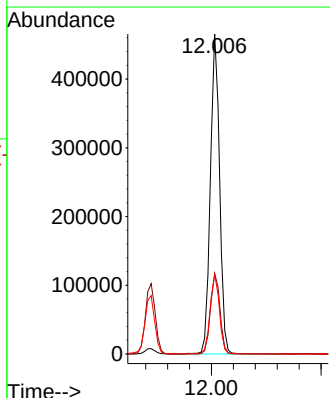
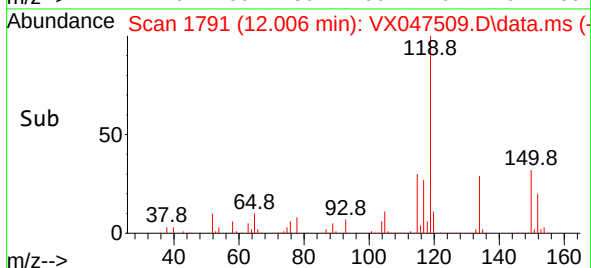
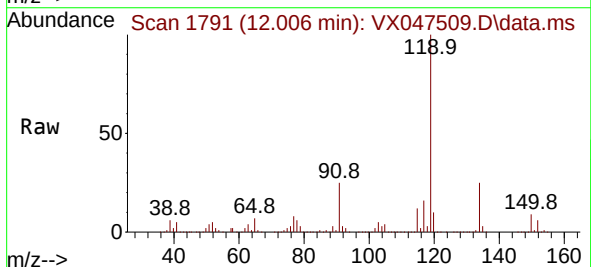
Manual Integrations
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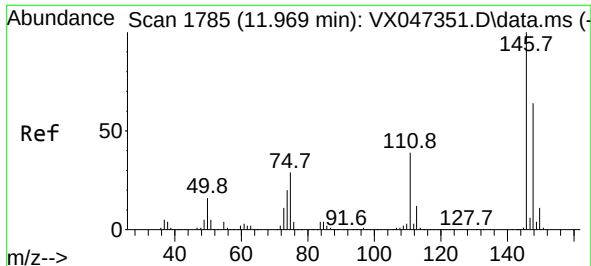
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#86
p-Isopropyltoluene
Concen: 51.048 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

Tgt Ion:119 Resp: 540369
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.4
91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.165 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 293460

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.8

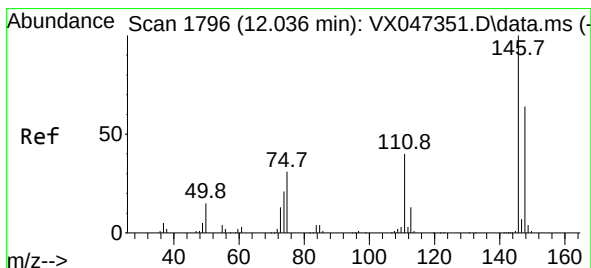
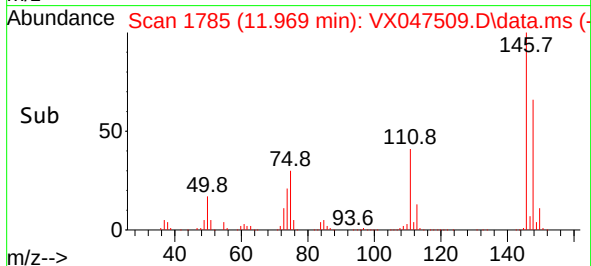
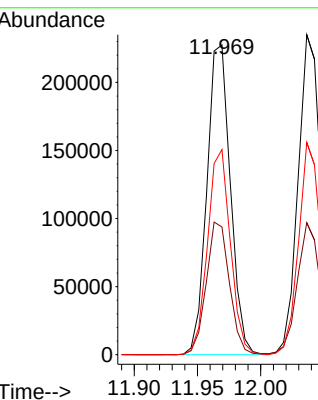
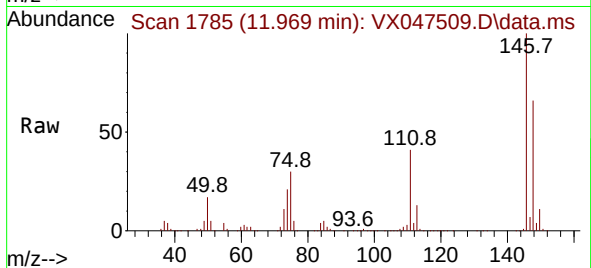
148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#88

1,4-Dichlorobenzene

Concen: 49.655 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047509.D

Acq: 22 Aug 2025 19:12

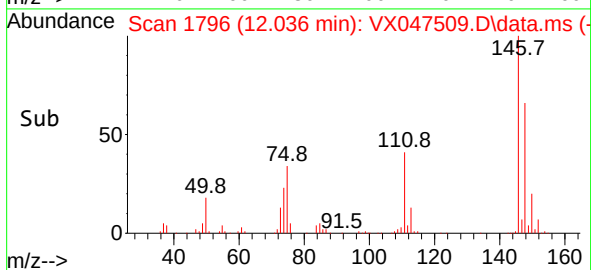
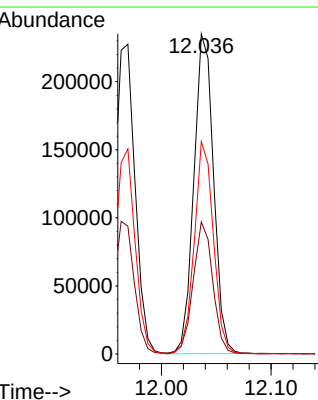
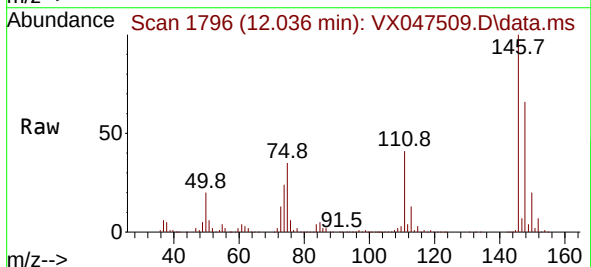
Tgt Ion:146 Resp: 292919

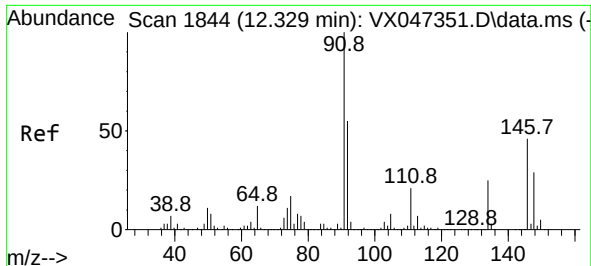
Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.2

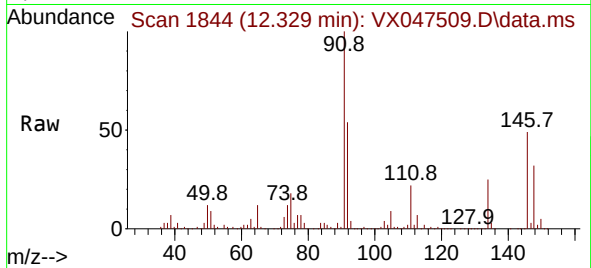
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 51.376 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

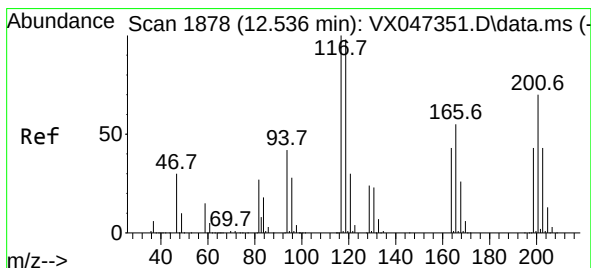
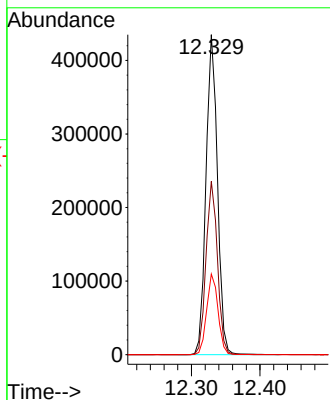
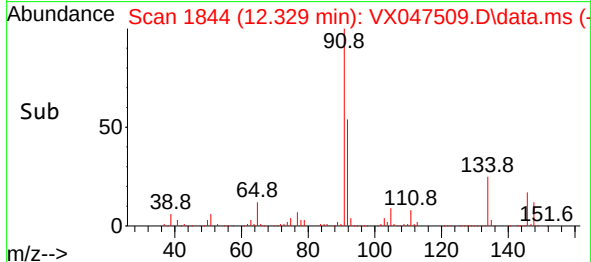
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 50584
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.5
134 25.1 12.6 37.8

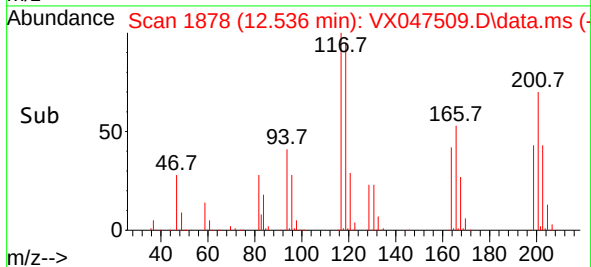
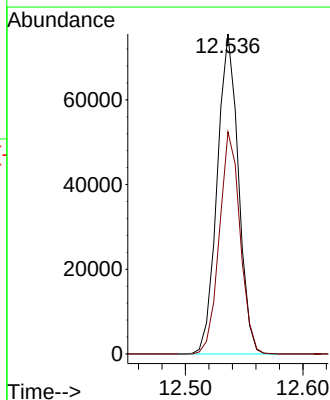
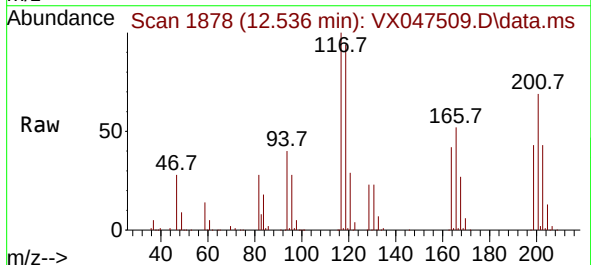
Manual Integrations
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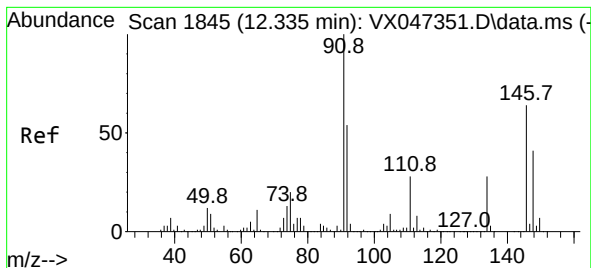
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#90
Hexachloroethane
Concen: 51.011 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

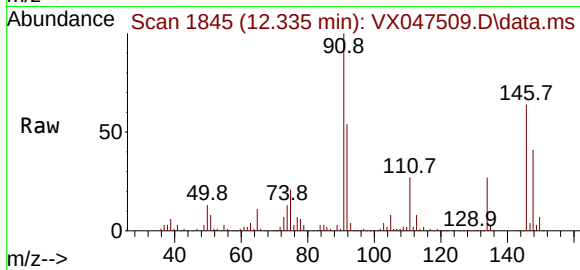
Tgt Ion:117 Resp: 94730
Ion Ratio Lower Upper
117 100
201 68.1 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 52.097 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

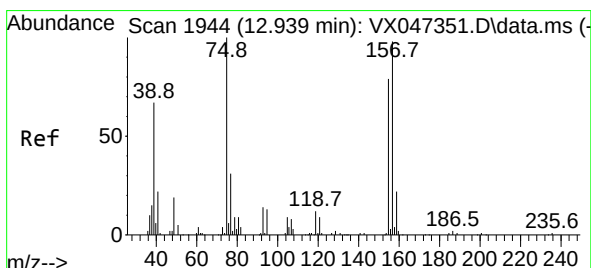
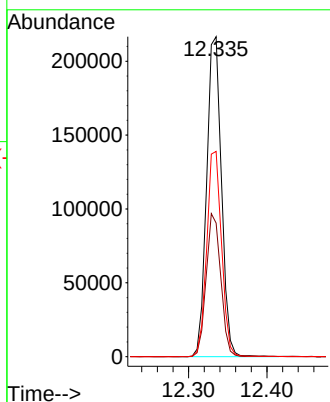
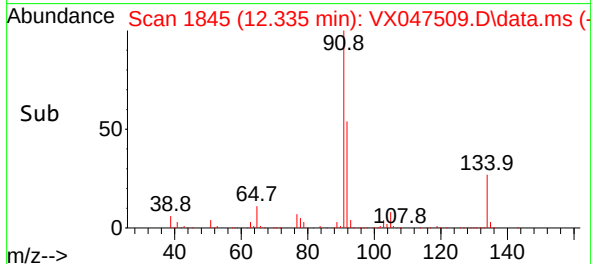
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 283619
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 64.1 31.9 95.5

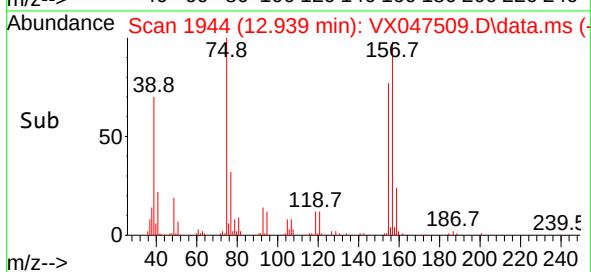
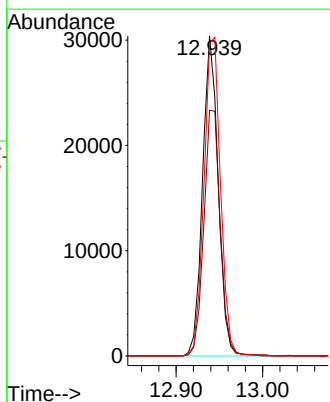
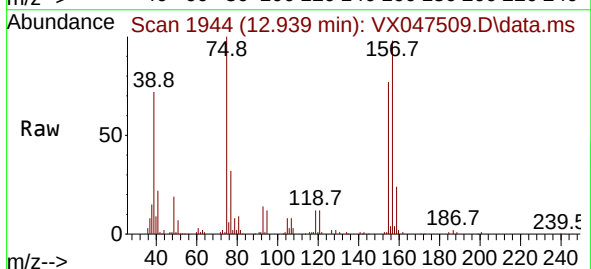
Manual Integrations
APPROVED

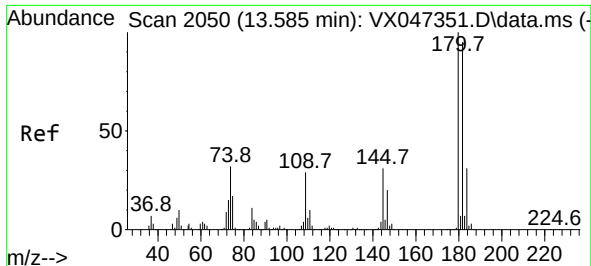
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.505 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

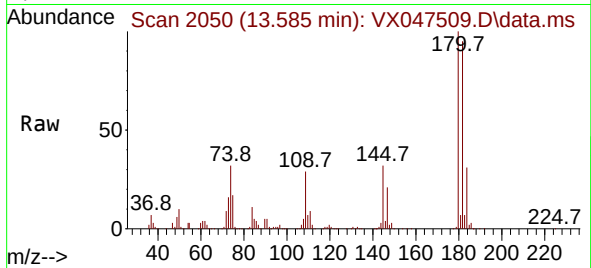
Tgt Ion: 75 Resp: 38051
Ion Ratio Lower Upper
75 100
155 80.9 41.3 123.7
157 105.8 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 51.174 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

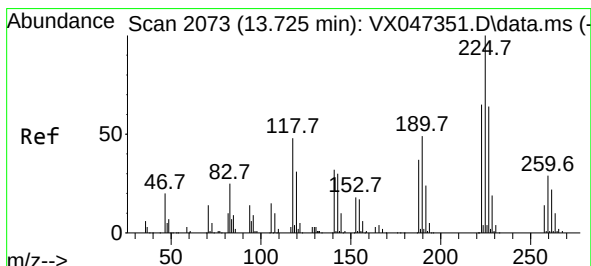
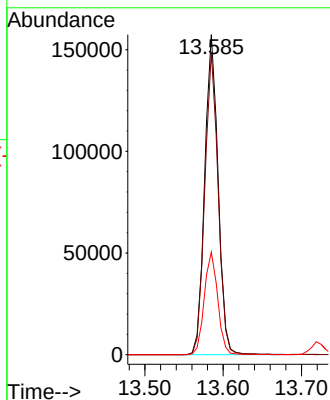
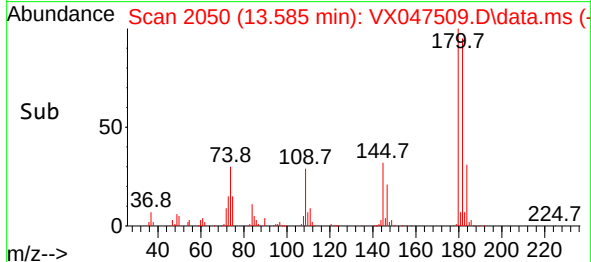
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



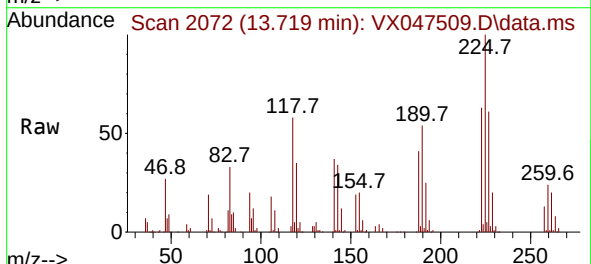
Tgt Ion:180 Resp: 186768
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.4
145 32.1 16.2 48.5

Manual Integrations
APPROVED

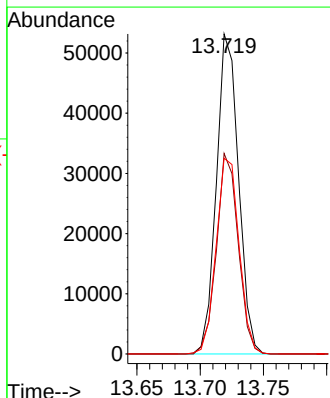
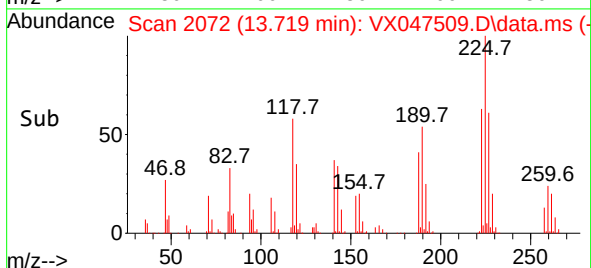
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

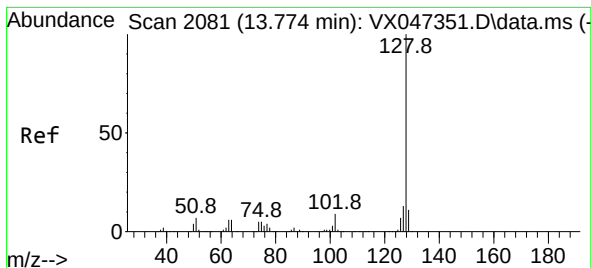


#94
Hexachlorobutadiene
Concen: 49.588 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



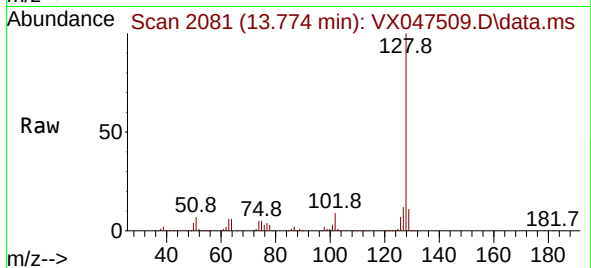
Tgt Ion:225 Resp: 64419
Ion Ratio Lower Upper
225 100
223 61.6 32.2 96.6
227 63.7 31.6 95.0





#95
Naphthalene
Concen: 55.900 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12

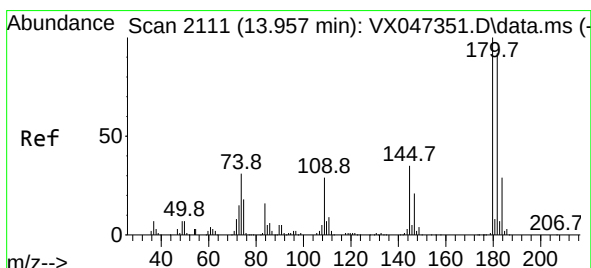
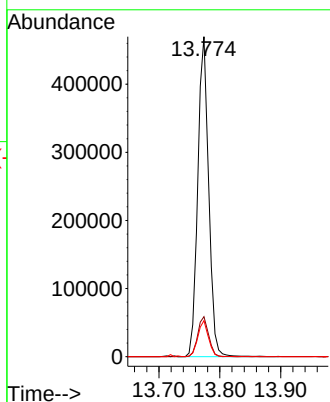
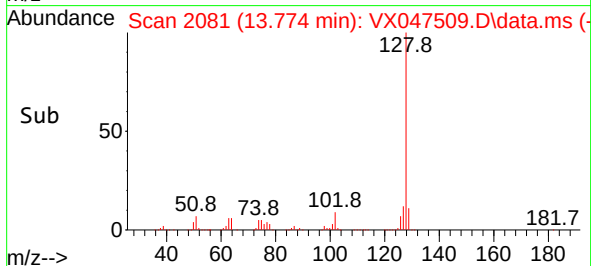
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



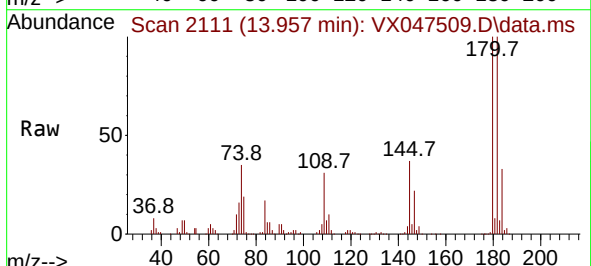
Tgt Ion:128 Resp: 583020
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.241 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047509.D
Acq: 22 Aug 2025 19:12



Tgt Ion:180 Resp: 179717
Ion Ratio Lower Upper
180 100
182 93.9 48.0 144.2
145 34.4 17.4 52.2

