

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047561.D
 Acq On : 29 Aug 2025 11:29
 Operator : JC/MD
 Sample : VX0829WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2025
 Supervised By : Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 23:51:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	238310	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	414972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172139	47.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.391	113	136803	48.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	8.647	98	482880	48.370	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.740%		
62) 4-Bromofluorobenzene	11.079	95	184241	49.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	47115	18.053	ug/l	99
3) Chloromethane	1.313	50	47681	16.728	ug/l	93
4) Vinyl Chloride	1.392	62	58806	17.551	ug/l	100
5) Bromomethane	1.630	94	28951	19.977	ug/l	93
6) Chloroethane	1.709	64	39850	18.719	ug/l	94
7) Trichlorofluoromethane	1.904	101	88022	18.470	ug/l	94
8) Diethyl Ether	2.148	74	34320	18.150	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	52657	18.553	ug/l	98
10) Methyl Iodide	2.471	142	77701	16.539	ug/l	97
11) Tert butyl alcohol	2.959	59	28236	83.943	ug/l	100
12) 1,1-Dichloroethene	2.337	96	53512	17.781	ug/l	96
13) Acrolein	2.252	56	54315	80.551	ug/l	96
14) Allyl chloride	2.678	41	98637	17.891	ug/l	98
15) Acrylonitrile	3.081	53	133241	88.521	ug/l	98
16) Acetone	2.392	43	119513	82.459	ug/l	98
17) Carbon Disulfide	2.526	76	157999	17.656	ug/l	99
18) Methyl Acetate	2.715	43	63366	17.733	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	177564	18.076	ug/l	97
20) Methylene Chloride	2.800	84	64216	17.412	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	58493	18.264	ug/l	93
22) Diisopropyl ether	3.770	45	208150	18.746	ug/l	89
23) Vinyl Acetate	3.733	43	829387	91.729	ug/l	100
24) 1,1-Dichloroethane	3.623	63	111636	18.093	ug/l	99
25) 2-Butanone	4.562	43	167735	87.939	ug/l	95
26) 2,2-Dichloropropane	4.489	77	82028	18.393	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	70075	17.958	ug/l	99
28) Bromochloromethane	4.910	49	49766	18.691	ug/l	98
29) Tetrahydrofuran	5.019	42	101984	86.159	ug/l	99
30) Chloroform	5.105	83	113884	18.126	ug/l	97
31) Cyclohexane	5.489	56	96098	18.675	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	94442	18.450	ug/l	99
36) 1,1-Dichloropropene	5.702	75	78252	19.306	ug/l	99
37) Ethyl Acetate	4.727	43	78027	19.531	ug/l	98
38) Carbon Tetrachloride	5.684	117	82746	18.398	ug/l	98
39) Methylcyclohexane	7.379	83	92040	19.690	ug/l	96
40) Benzene	6.044	78	238732	18.449	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	38376	20.283	ug/l	98
42) 1,2-Dichloroethane	6.092	62	85532	18.361	ug/l	99
43) Isopropyl Acetate	6.342	43	120057	18.702	ug/l	99
44) Trichloroethene	7.129	130	59784	18.646	ug/l	95
45) 1,2-Dichloropropane	7.434	63	59261	18.181	ug/l	98
46) Dibromomethane	7.580	93	44266	18.448	ug/l	98
47) Bromodichloromethane	7.824	83	91210	18.587	ug/l	99
48) Methyl methacrylate	7.696	41	60616	18.356	ug/l	98
49) 1,4-Dioxane	7.683	88	12516	383.149	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	353373	93.167	ug/l	99
52) Toluene	8.720	92	149613	18.972	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81987	18.545	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	92134	18.809	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	57431	18.668	ug/l	99
56) Ethyl methacrylate	9.116	69	85658	18.809	ug/l	100
57) 1,3-Dichloropropane	9.305	76	100569	18.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	199294	102.330	ug/l	99
59) 2-Hexanone	9.427	43	237487	91.656	ug/l	99
60) Dibromochloromethane	9.519	129	68812	18.723	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60047	19.180	ug/l	100
64) Tetrachloroethene	9.275	164	49533	19.848	ug/l	94
65) Chlorobenzene	10.079	112	167168	19.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55640	18.816	ug/l	98
67) Ethyl Benzene	10.195	91	284675	19.427	ug/l	99
68) m/p-Xylenes	10.299	106	219405	40.313	ug/l	98
69) o-Xylene	10.640	106	103690	19.777	ug/l	99
70) Styrene	10.652	104	180297	19.819	ug/l	99
71) Bromoform	10.799	173	43704	19.410	ug/l #	100
73) Isopropylbenzene	10.957	105	271297	19.934	ug/l	99
74) N-amyl acetate	10.841	43	104394	18.574	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	82106	19.084	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	64822m	19.637	ug/l	
77) Bromobenzene	11.195	156	67488	19.384	ug/l	98
78) n-propylbenzene	11.299	91	321157	19.820	ug/l	100
79) 2-Chlorotoluene	11.360	91	196605	19.564	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	227135	20.411	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11826	19.507	ug/l	95
82) 4-Chlorotoluene	11.451	91	232287	19.700	ug/l	100
83) tert-Butylbenzene	11.713	119	222420	19.827	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	228228	20.120	ug/l	99
85) sec-Butylbenzene	11.890	105	275685	20.424	ug/l	99
86) p-Isopropyltoluene	12.006	119	229492	20.283	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127668	19.668	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	130699	19.501	ug/l	100
89) n-Butylbenzene	12.329	91	213086	20.405	ug/l	99
90) Hexachloroethane	12.536	117	39843	19.157	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	122097	19.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14719	18.548	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	78076	20.137	ug/l	99
94) Hexachlorobutadiene	13.725	225	27630	20.502	ug/l	98
95) Naphthalene	13.774	128	221986	19.586	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	73079	20.065	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0829WBSD01

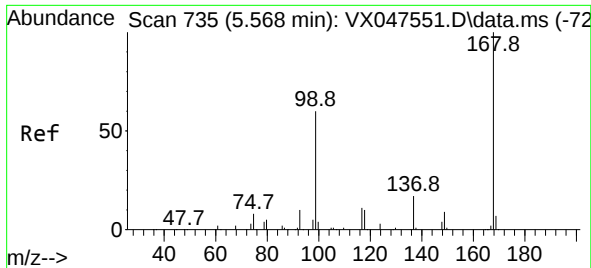
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

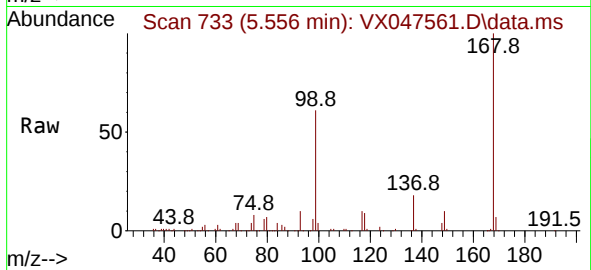
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.012 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

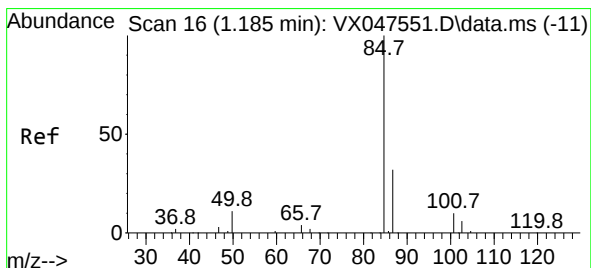
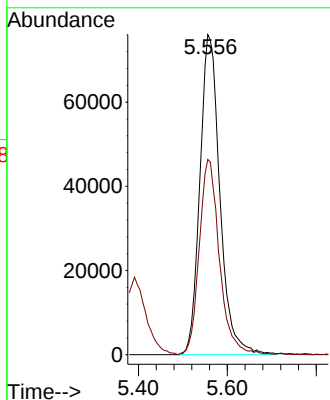
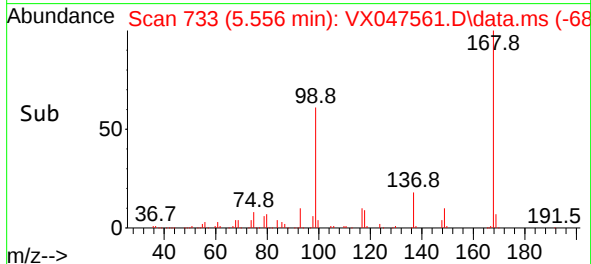
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:168 Resp: 238310
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3

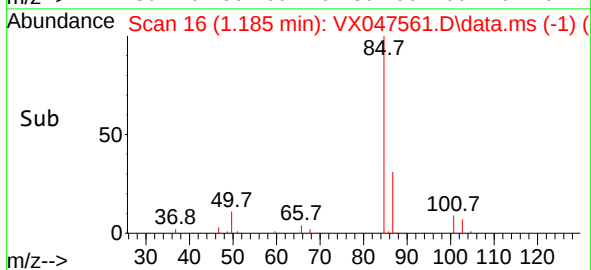
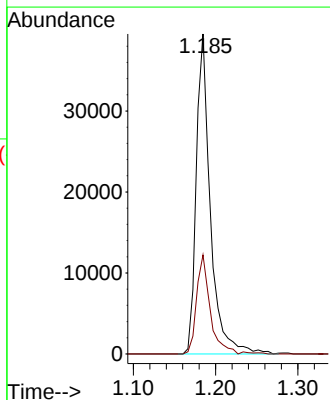
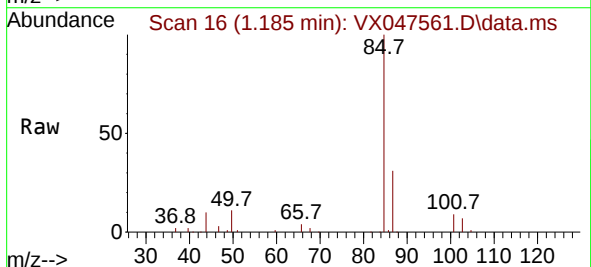
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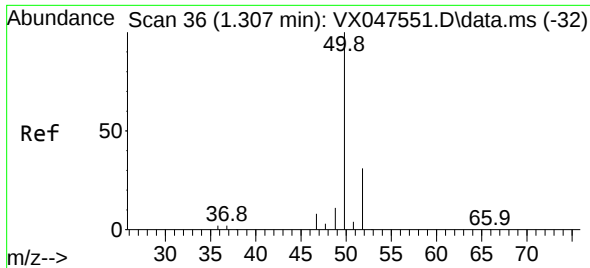
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#2
Dichlorodifluoromethane
Concen: 18.053 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 85 Resp: 47115
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.7





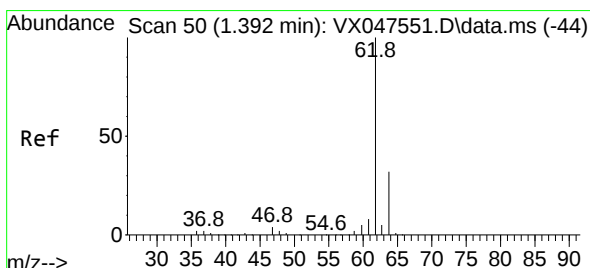
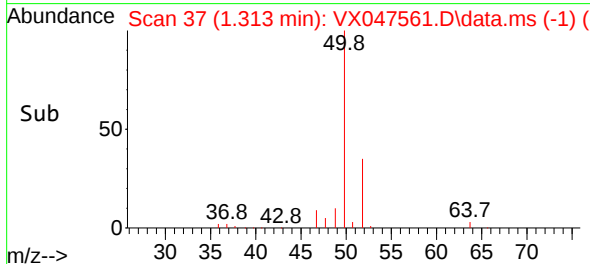
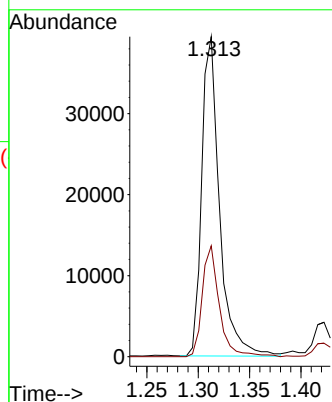
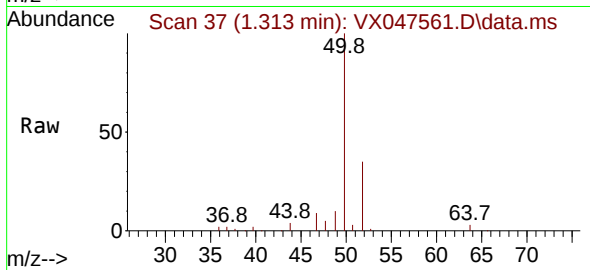
#3
Chloromethane
Concen: 16.728 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
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Tgt Ion: 50 Resp: 4768
Ion Ratio Lower Upper
50 100
52 34.8 24.6 37.0

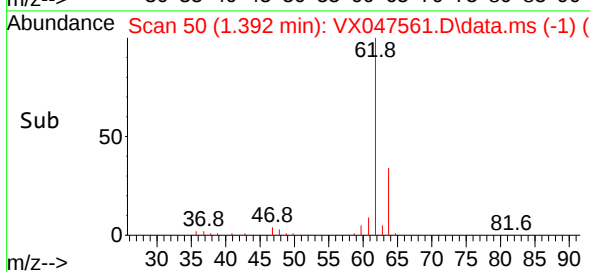
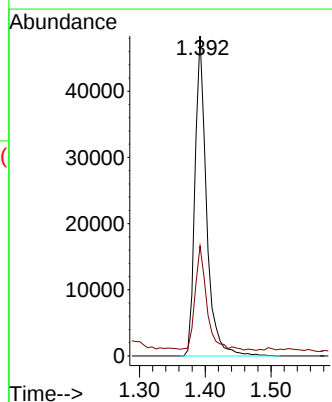
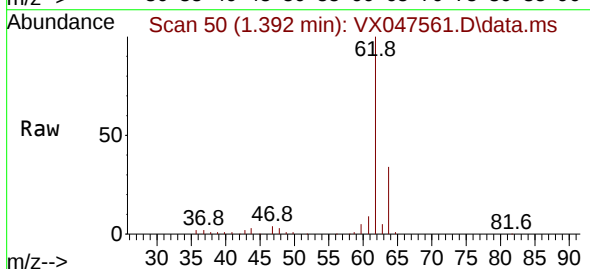
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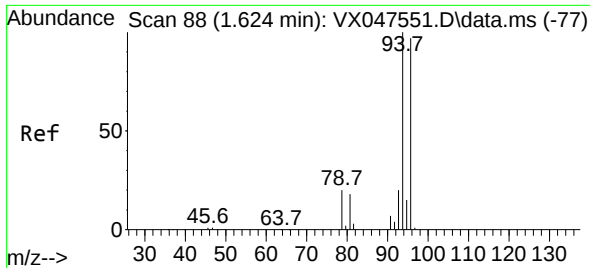
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#4
Vinyl Chloride
Concen: 17.551 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

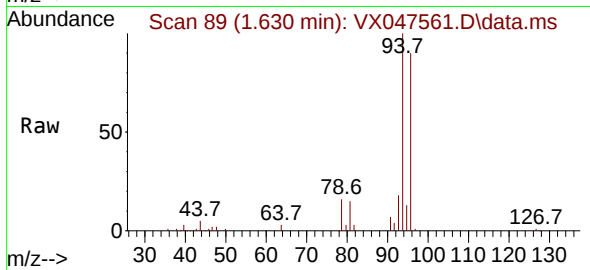
Tgt Ion: 62 Resp: 58806
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





#5
Bromomethane
Concen: 19.977 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

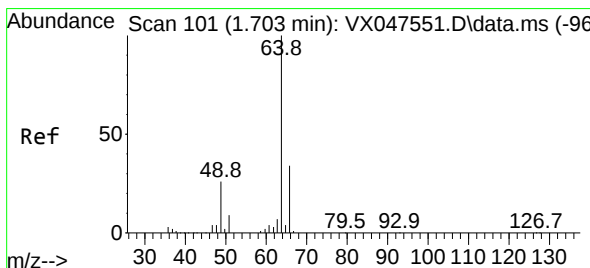
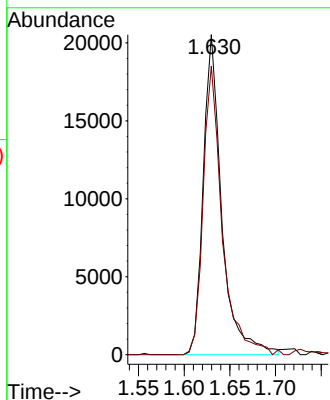
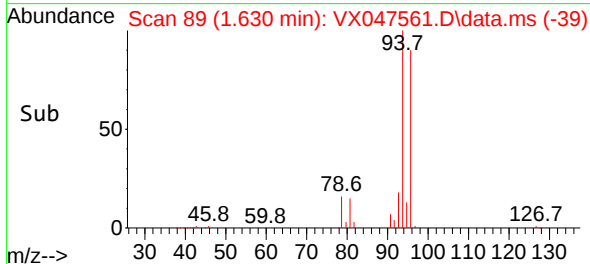
Instrument :
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Tgt Ion: 94 Resp: 2895
Ion Ratio Lower Upper
94 100
96 90.2 77.7 116.5

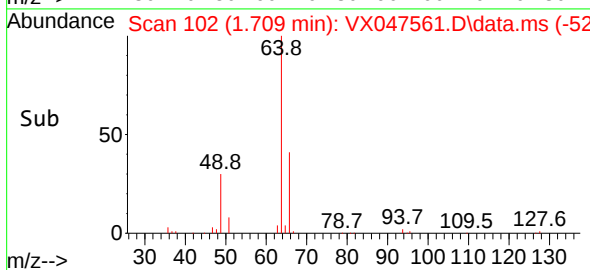
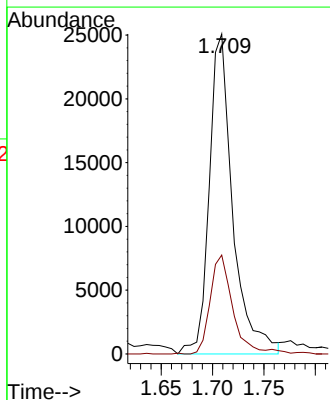
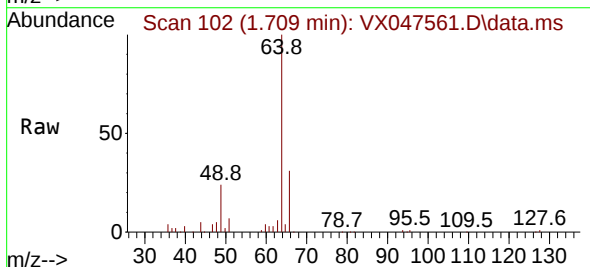
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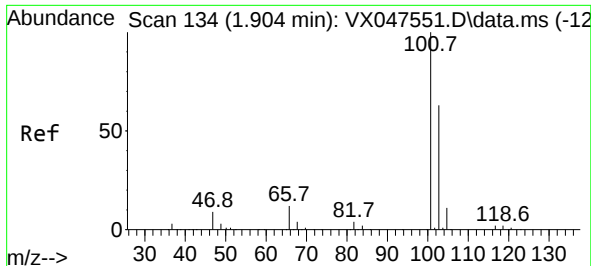
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#6
Chloroethane
Concen: 18.719 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 64 Resp: 39850
Ion Ratio Lower Upper
64 100
66 30.7 27.4 41.2





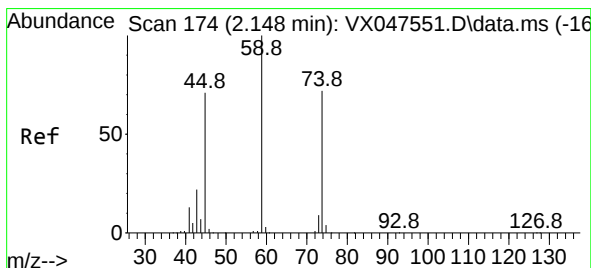
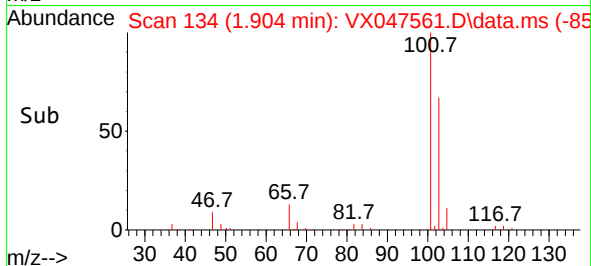
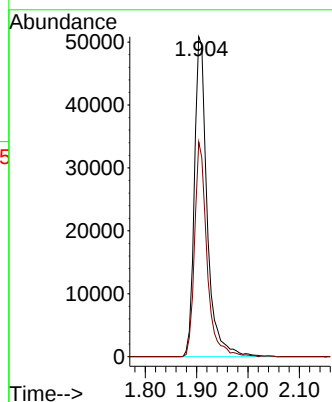
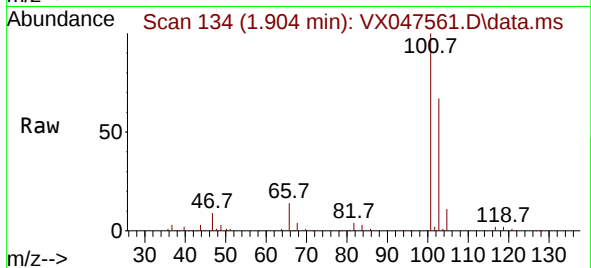
#7
Trichlorofluoromethane
Concen: 18.470 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion:101 Resp: 8802
Ion Ratio Lower Upper
101 100
103 67.1 50.1 75.1

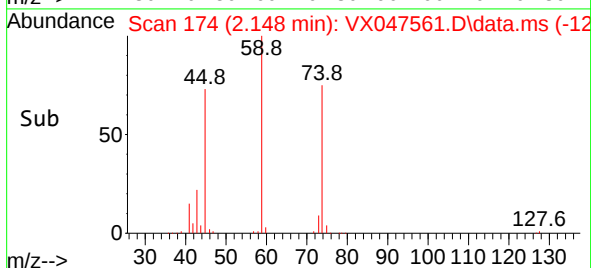
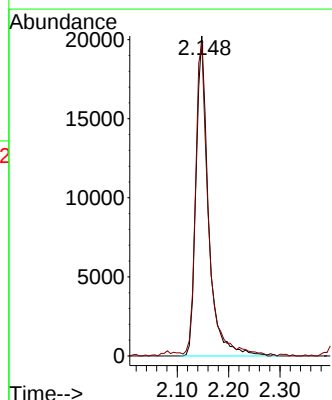
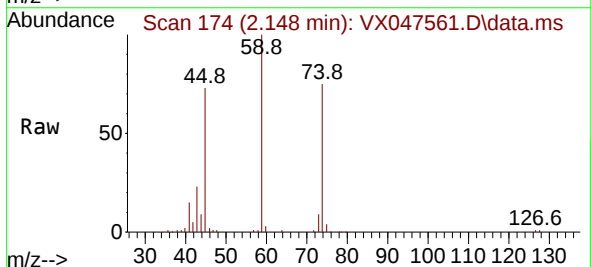
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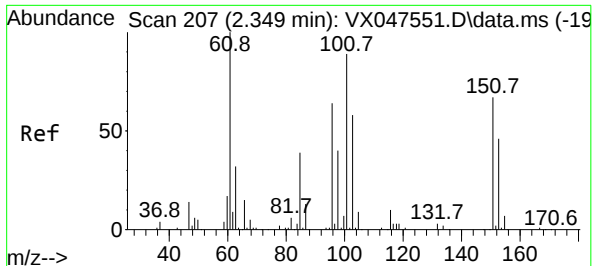
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#8
Diethyl Ether
Concen: 18.150 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 74 Resp: 34320
Ion Ratio Lower Upper
74 100
45 101.6 49.0 147.0





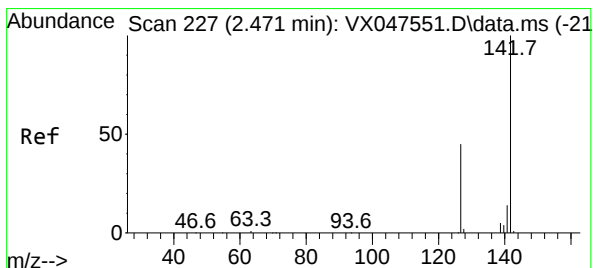
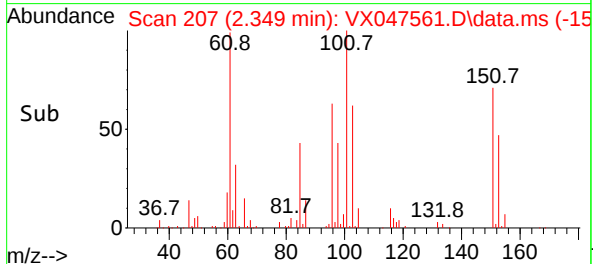
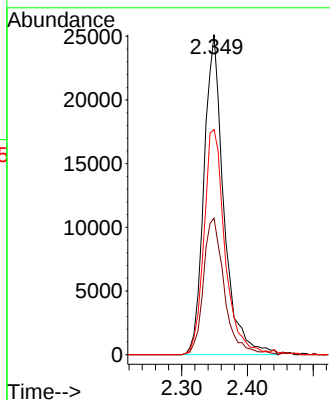
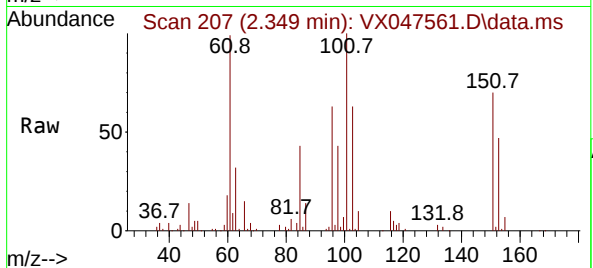
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.553 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion:101 Resp: 5265
Ion Ratio Lower Upper
101 100
85 44.9 35.1 52.7
151 74.6 58.6 88.0

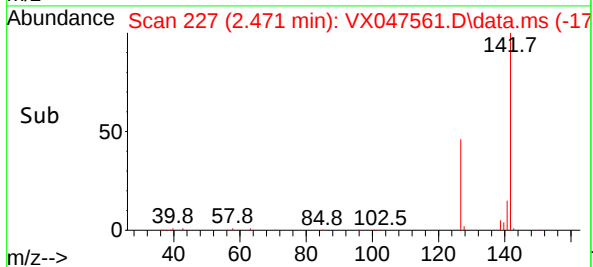
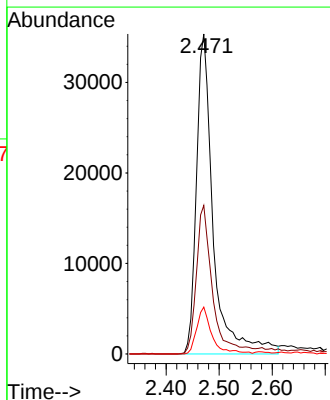
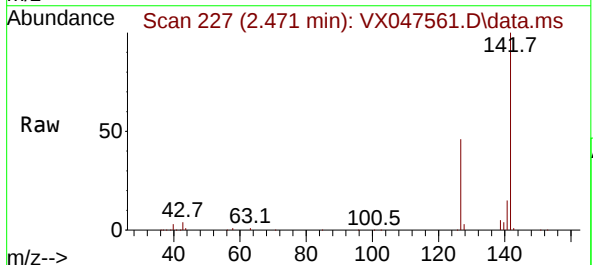
Manual Integrations
APPROVED

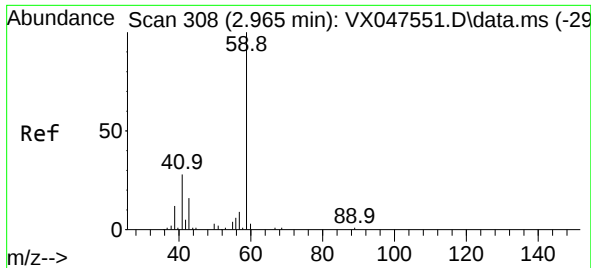
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#10
Methyl Iodide
Concen: 16.539 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

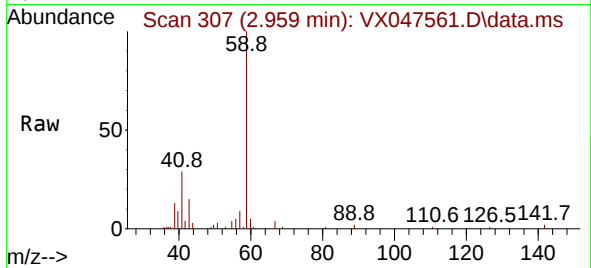
Tgt Ion:142 Resp: 77701
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 13.2 10.6 16.0





#11
Tert butyl alcohol
Concen: 83.943 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

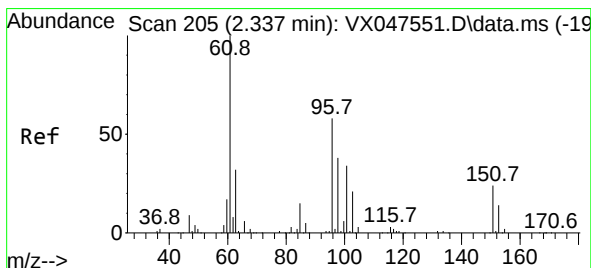
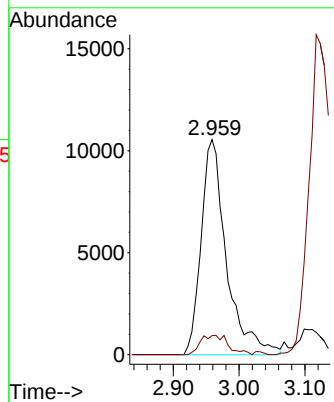
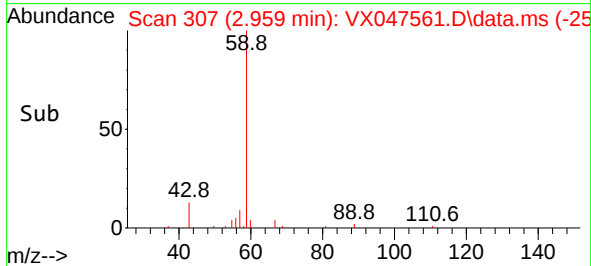
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 59 Resp: 28230
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

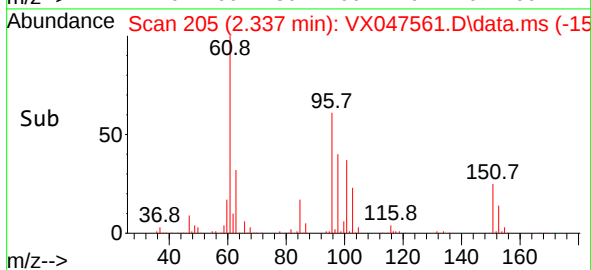
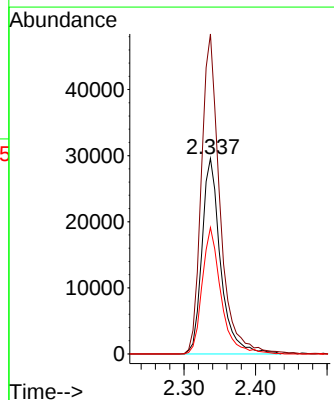
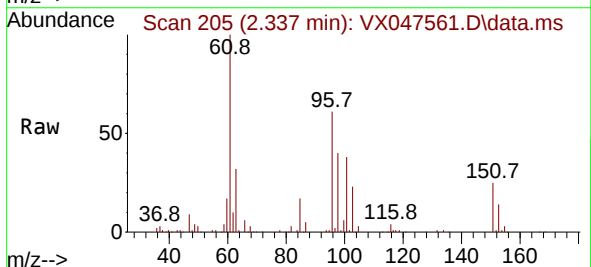
Manual Integrations
APPROVED

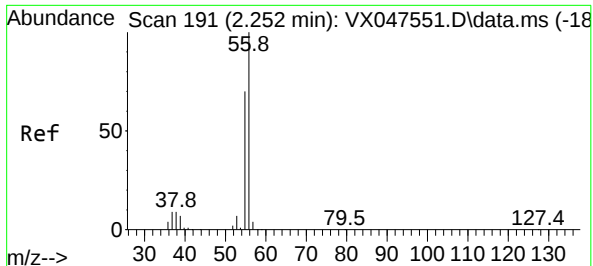
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#12
1,1-Dichloroethene
Concen: 17.781 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

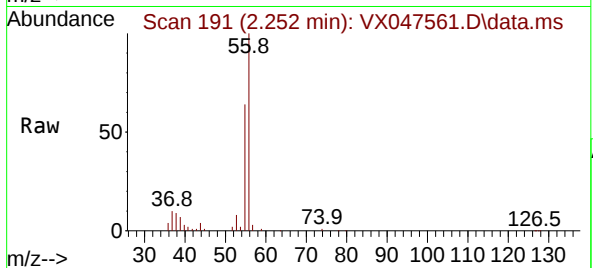
Tgt Ion: 96 Resp: 53512
Ion Ratio Lower Upper
96 100
61 163.7 136.8 205.2
98 64.7 52.4 78.6





#13
Acrolein
Concen: 80.551 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

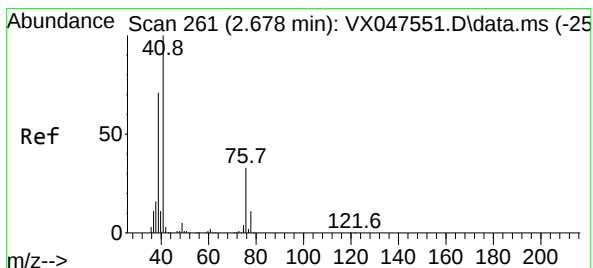
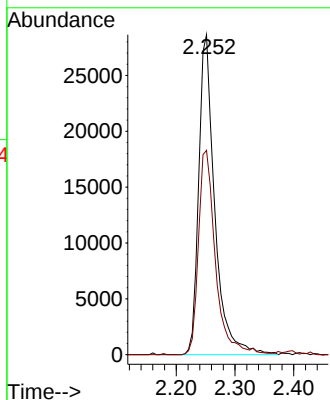
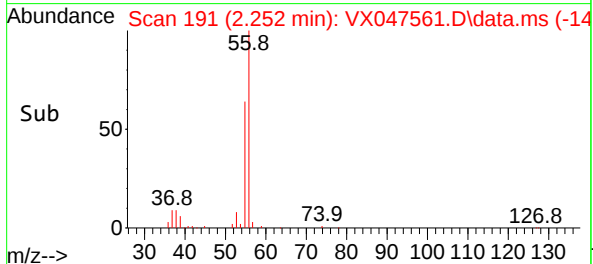
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 56 Resp: 5431
Ion Ratio Lower Upper
56 100
55 68.0 57.0 85.6

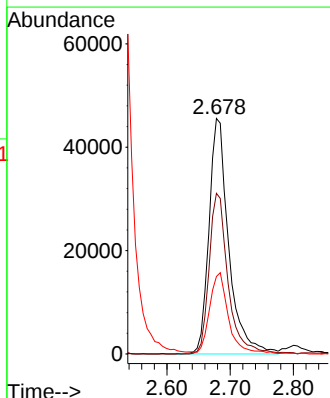
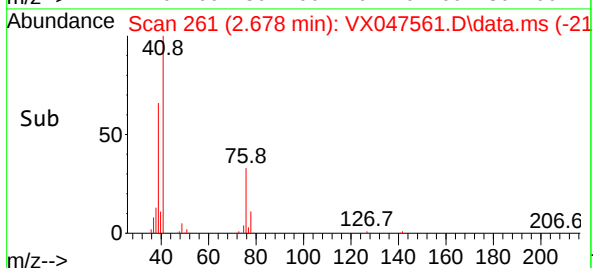
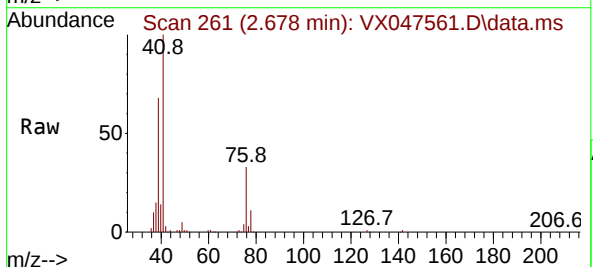
Manual Integrations
APPROVED

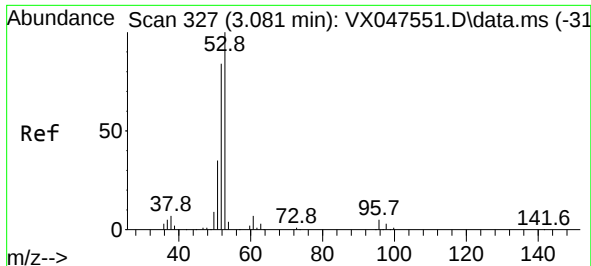
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#14
Allyl chloride
Concen: 17.891 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 41 Resp: 98637
Ion Ratio Lower Upper
41 100
39 65.2 53.2 79.8
76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 88.521 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

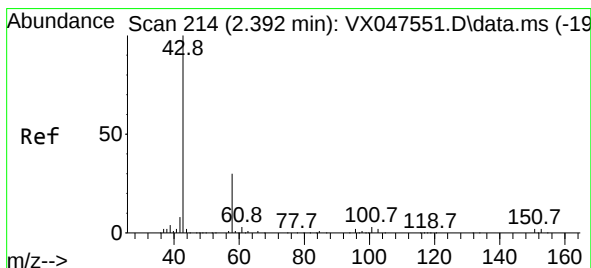
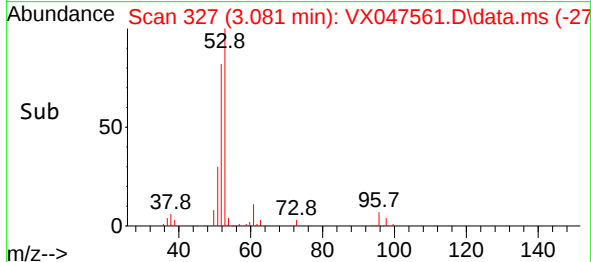
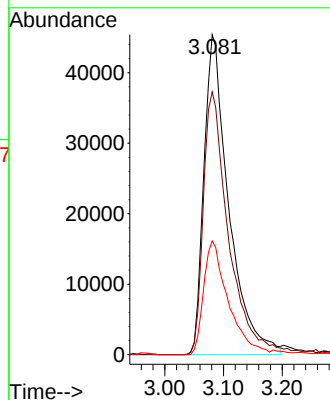
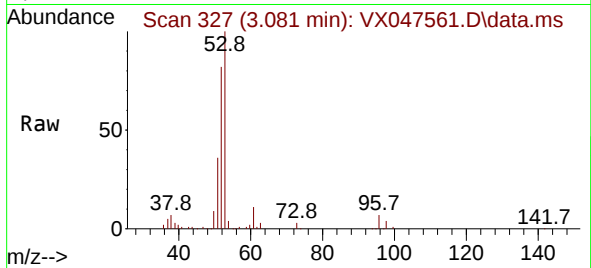
Tgt Ion:	53	Resp:	13324
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.2	99.4
51	35.2	29.4	44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#16

Acetone

Concen: 82.459 ug/l

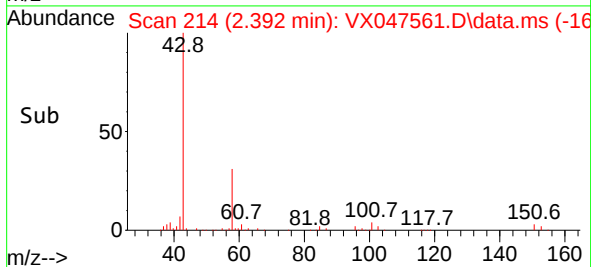
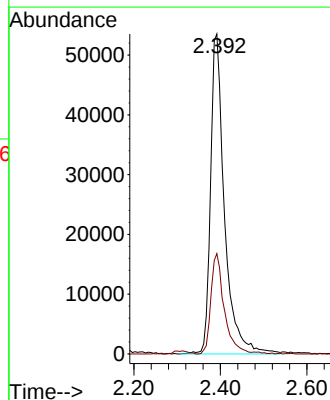
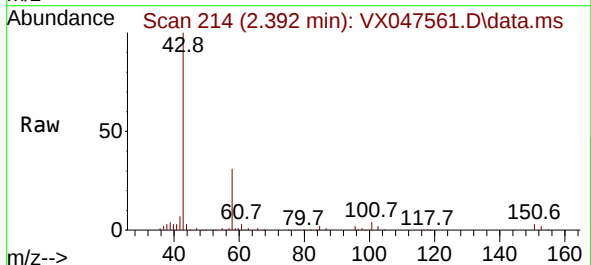
RT: 2.392 min Scan# 214

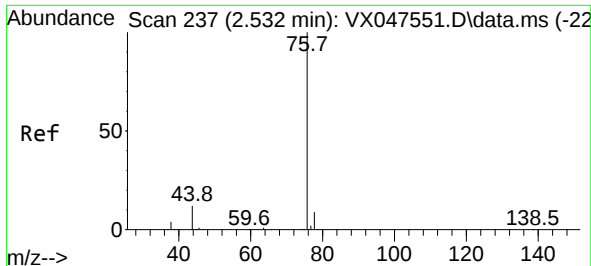
Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

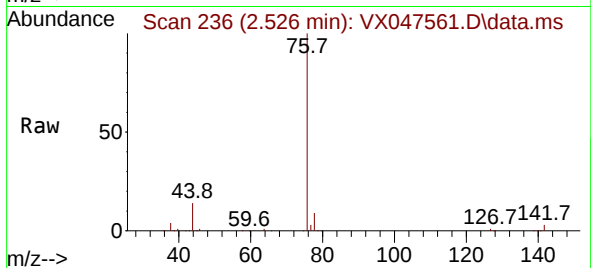
Tgt Ion:	43	Resp:	119513
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.2	36.2





#17
Carbon Disulfide
Concen: 17.656 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

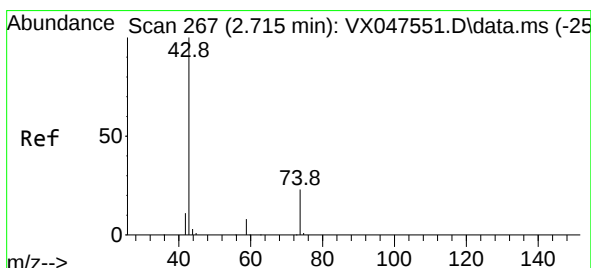
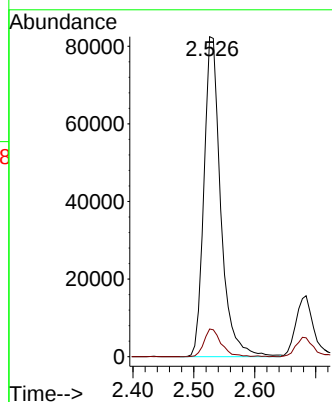
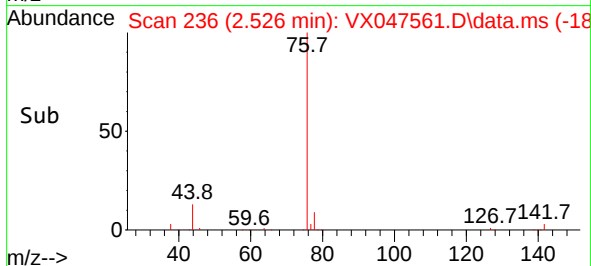
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 76 Resp: 157999
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

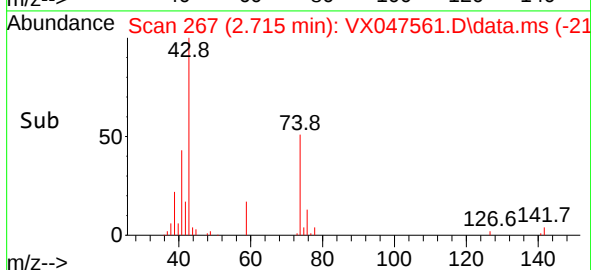
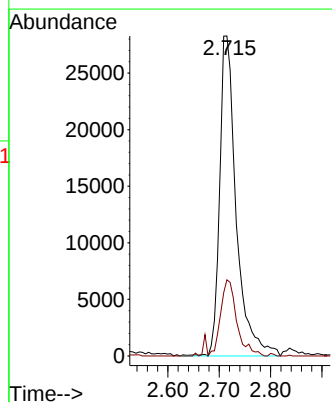
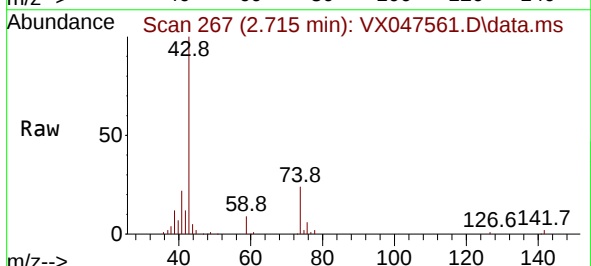
Manual Integrations
APPROVED

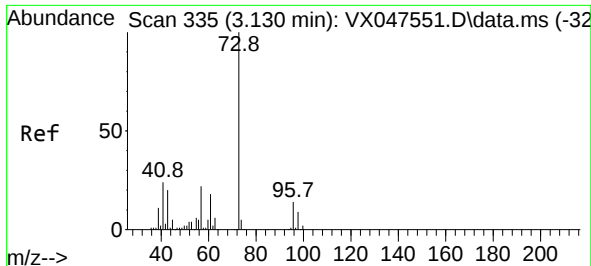
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#18
Methyl Acetate
Concen: 17.733 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

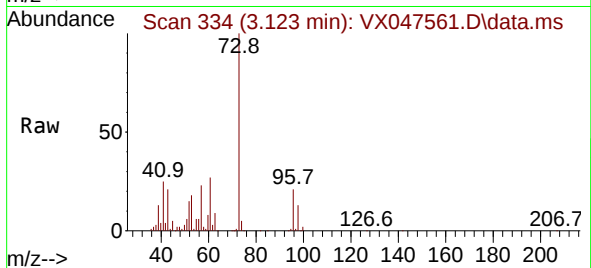
Tgt Ion: 43 Resp: 63366
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.076 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

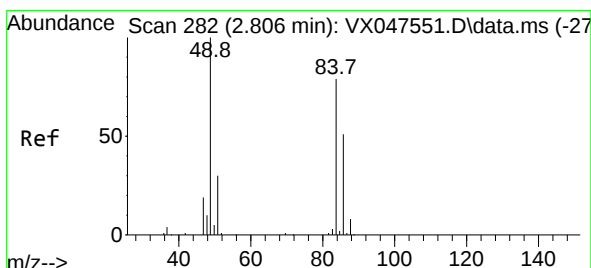
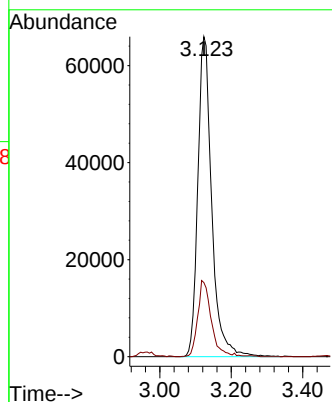
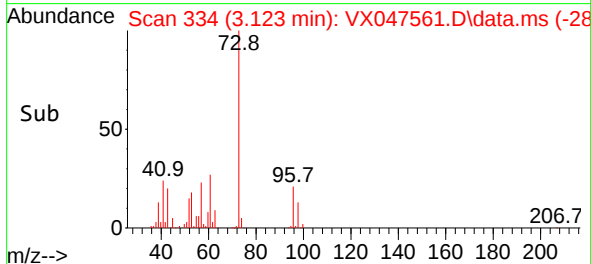
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 73 Resp: 177564
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.2

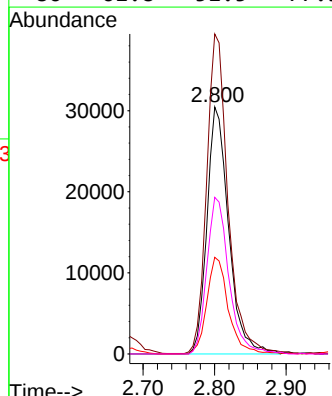
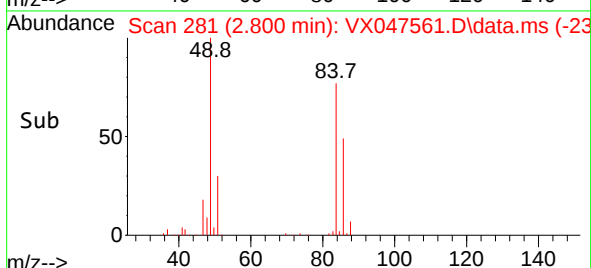
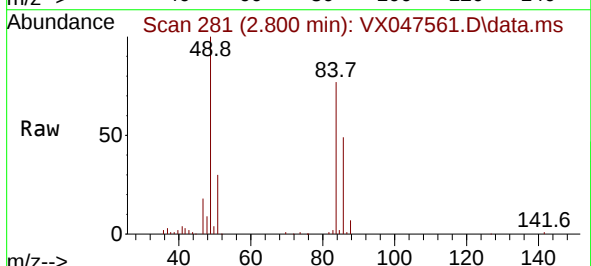
Manual Integrations
APPROVED

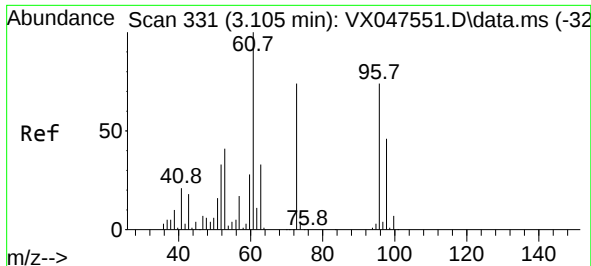
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#20
Methylene Chloride
Concen: 17.412 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

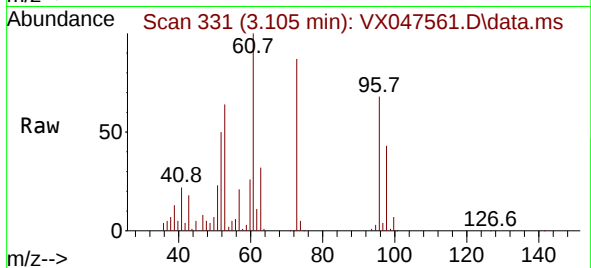
Tgt Ion: 84 Resp: 64216
Ion Ratio Lower Upper
84 100
49 126.2 101.4 152.2
51 38.2 30.6 46.0
86 61.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 18.264 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

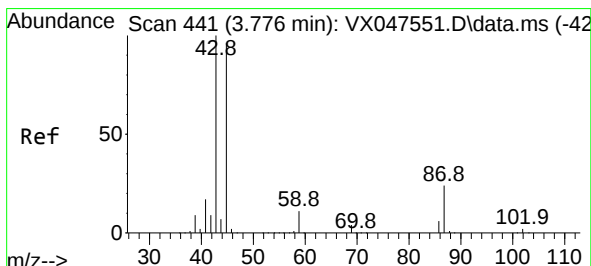
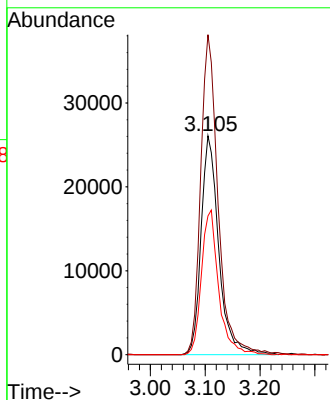
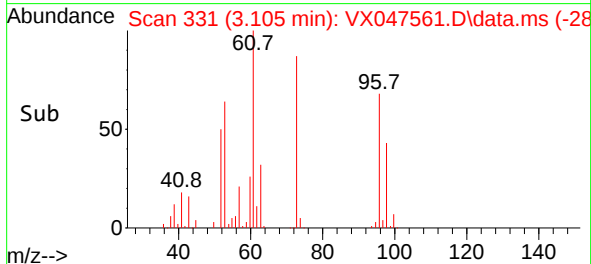
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 96 Resp: 5849
Ion Ratio Lower Upper
96 100
61 146.2 108.0 162.0
98 63.4 51.6 77.4

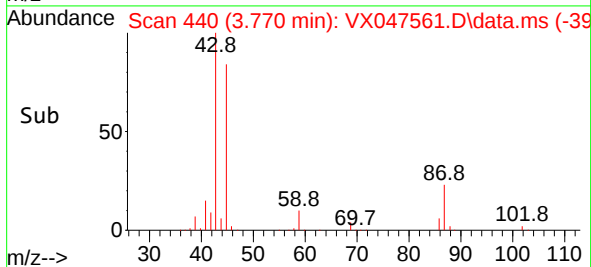
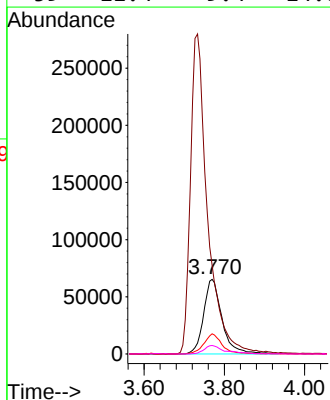
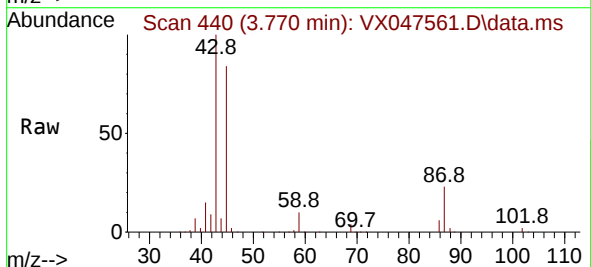
Manual Integrations
APPROVED

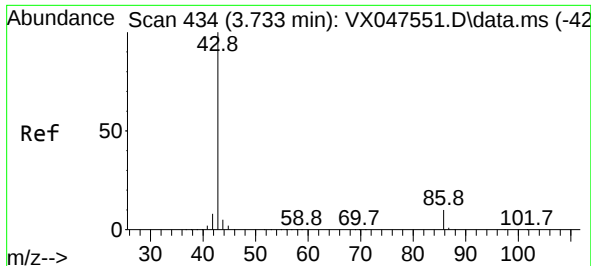
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#22
Diisopropyl ether
Concen: 18.746 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 45 Resp: 208150
Ion Ratio Lower Upper
45 100
43 118.6 83.2 124.8
87 27.1 20.2 30.4
59 11.4 9.4 14.0





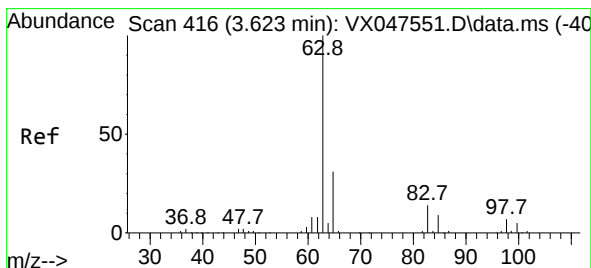
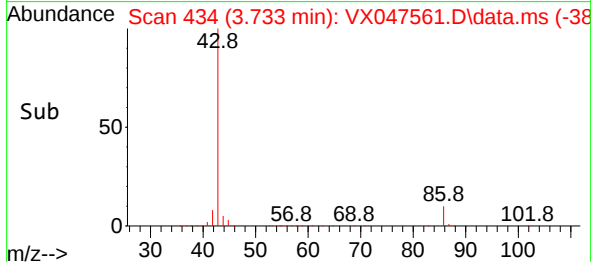
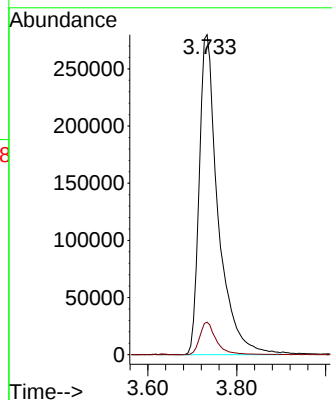
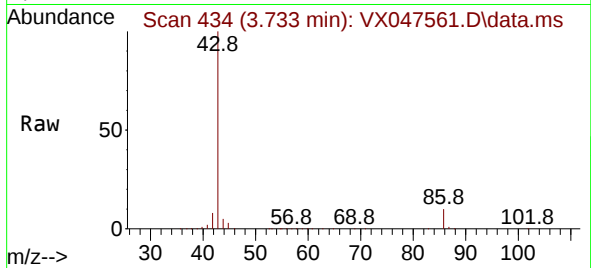
#23
 Vinyl Acetate
 Concen: 91.729 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047561.D
 Acq: 29 Aug 2025 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Tgt Ion: 43 Resp: 82938
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

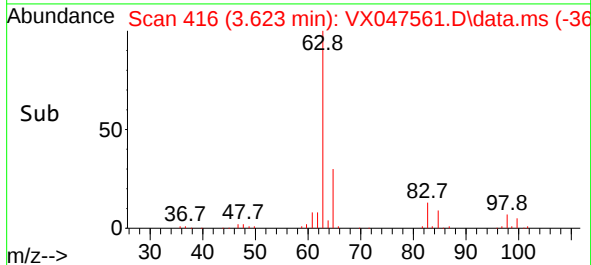
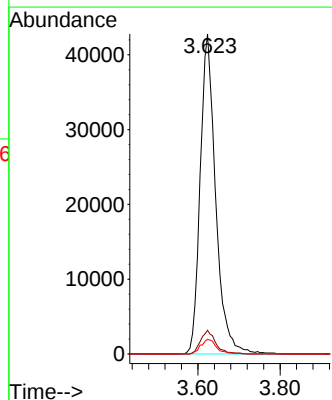
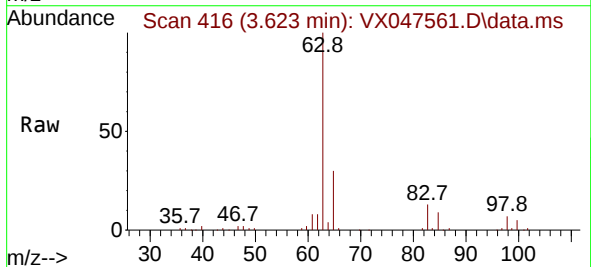
Manual Integrations
 APPROVED

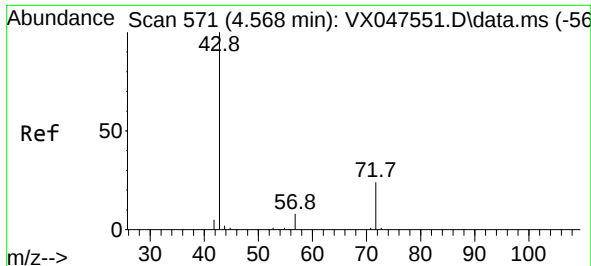
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#24
 1,1-Dichloroethane
 Concen: 18.093 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047561.D
 Acq: 29 Aug 2025 11:29

Tgt Ion: 63 Resp: 111636
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.6 2.6 7.8





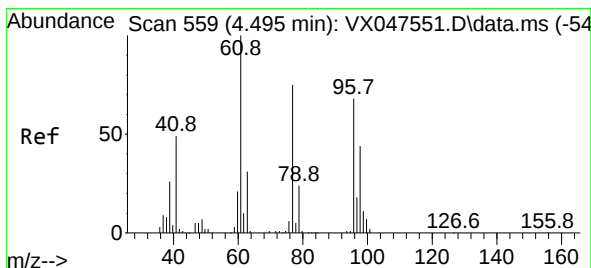
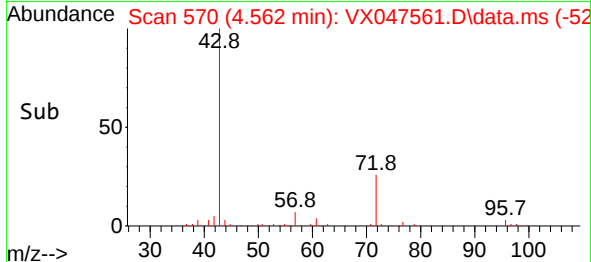
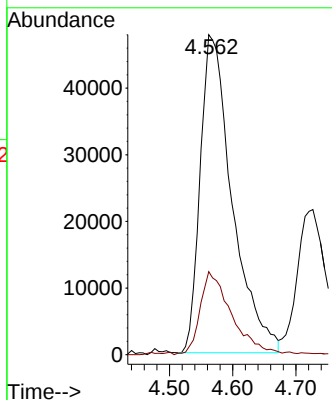
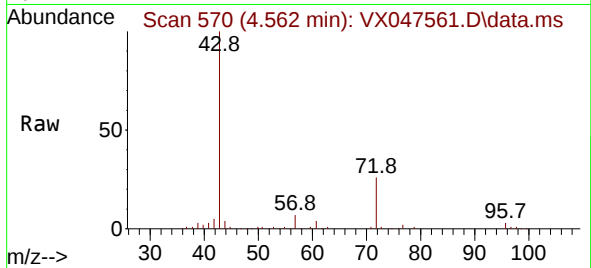
#25
2-Butanone
Concen: 87.939 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion: 43 Resp: 16773
Ion Ratio Lower Upper
43 100
72 26.9 19.5 29.3

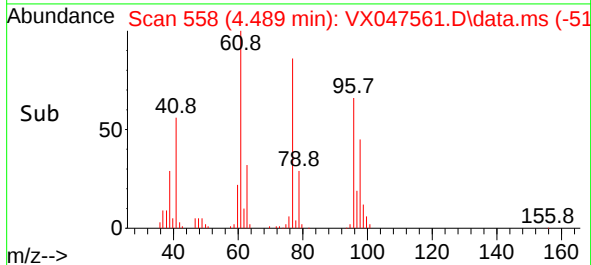
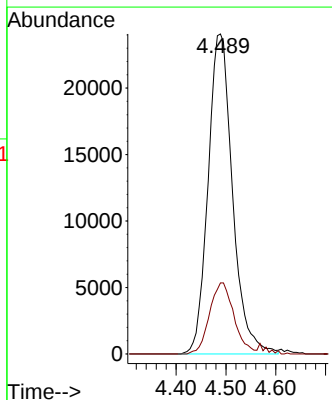
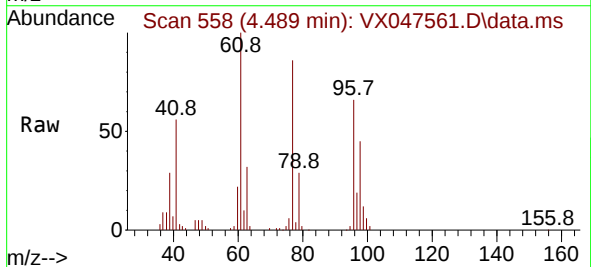
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APPROVED

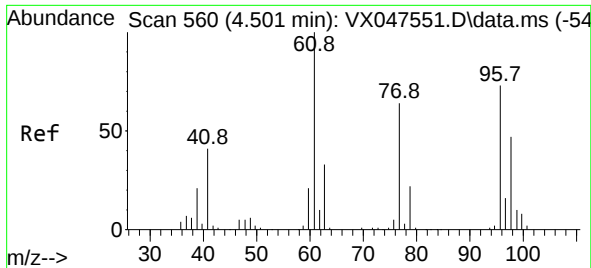
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#26
2,2-Dichloropropane
Concen: 18.393 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 77 Resp: 82028
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.958 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion: 96 Resp: 70075

Ion Ratio Lower Upper

96 100

61 146.0 0.0 289.4

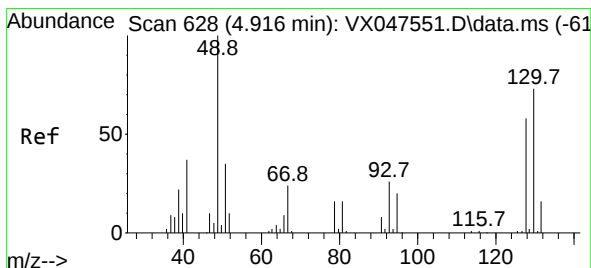
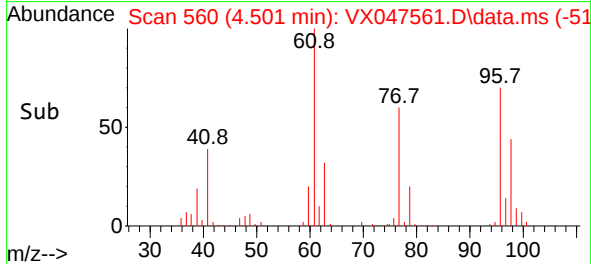
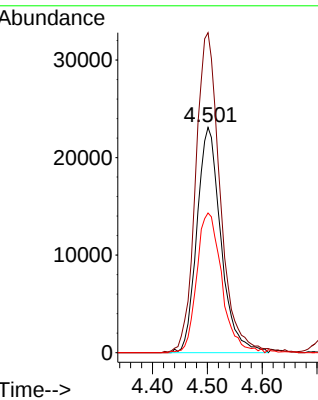
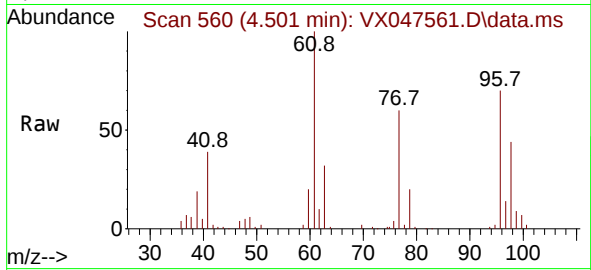
98 64.7 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#28

Bromochloromethane

Concen: 18.691 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

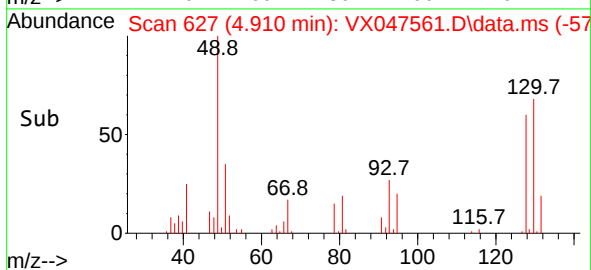
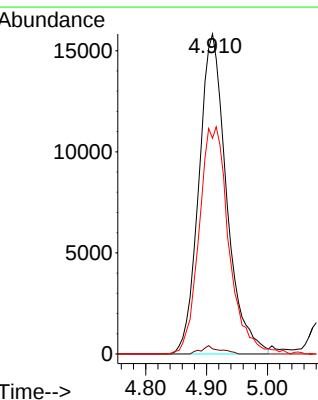
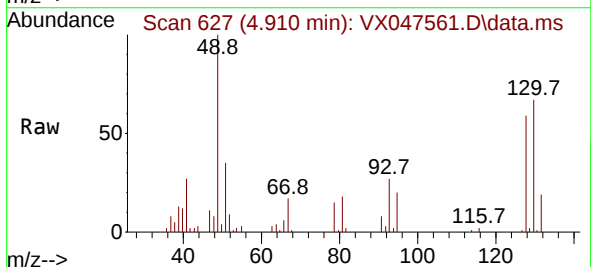
Tgt Ion: 49 Resp: 49766

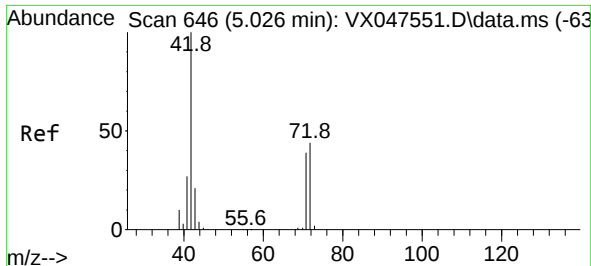
Ion Ratio Lower Upper

49 100

129 1.7 0.0 1.8

130 76.4 59.8 89.6





#29

Tetrahydrofuran

Concen: 86.159 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion: 42 Resp: 101984

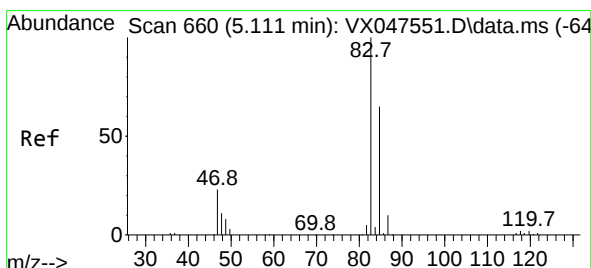
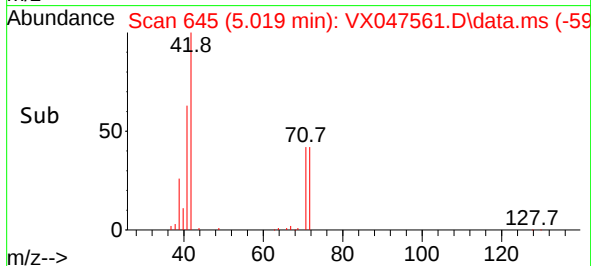
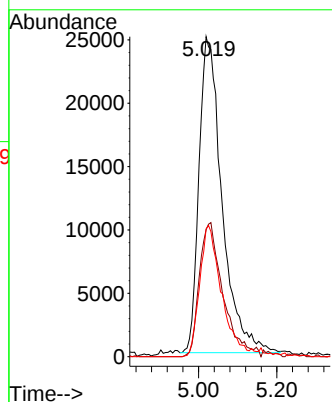
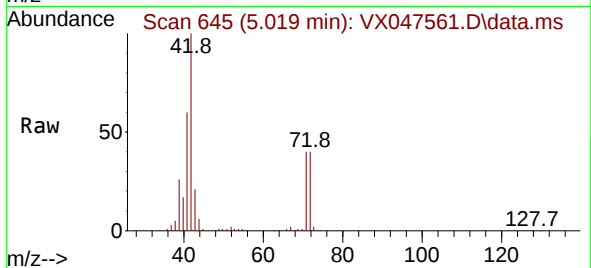
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.5	51.7
71	39.2	31.7	47.5

Manual Integrations

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Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#30

Chloroform

Concen: 18.126 ug/l

RT: 5.105 min Scan# 659

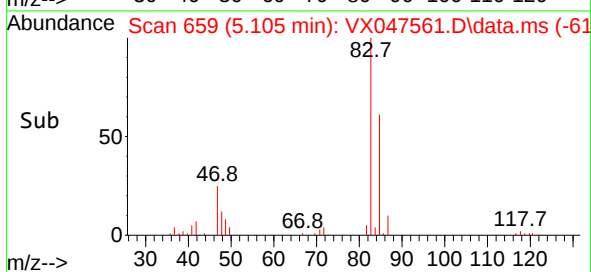
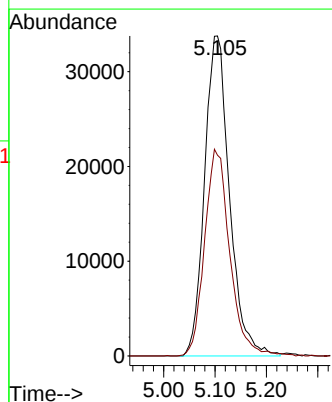
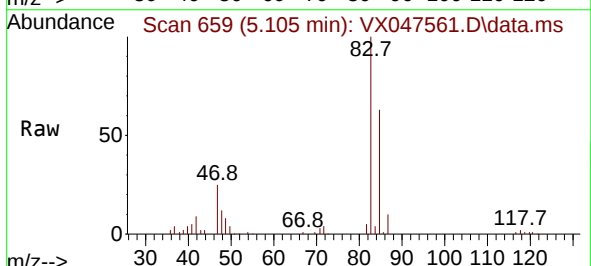
Delta R.T. -0.006 min

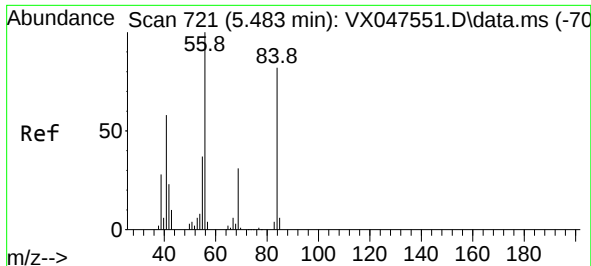
Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Tgt Ion: 83 Resp: 113884

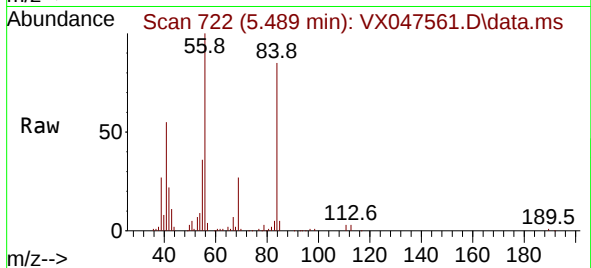
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.3	78.5





#31
Cyclohexane
Concen: 18.675 ug/l
RT: 5.489 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

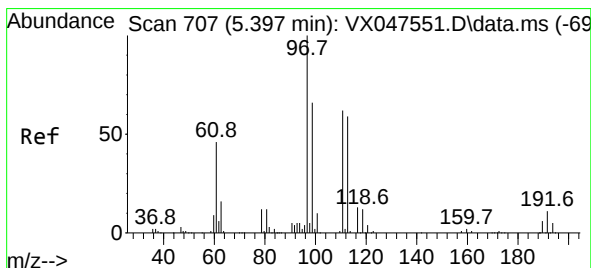
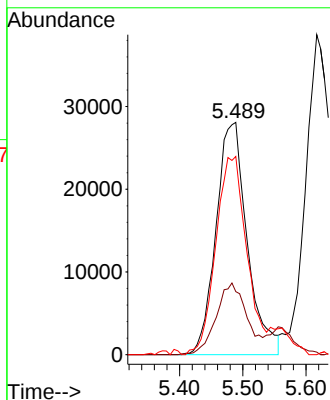
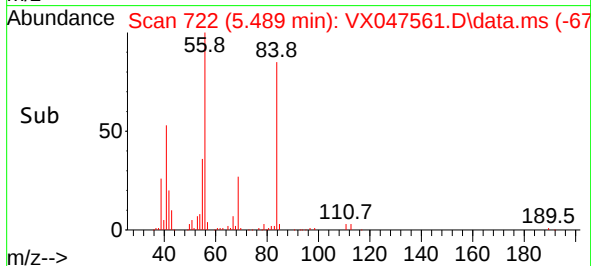
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 56 Resp: 96098
Ion Ratio Lower Upper
56 100
69 27.1 24.2 36.2
84 83.6 65.5 98.3

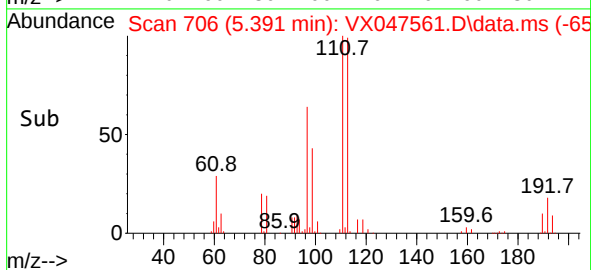
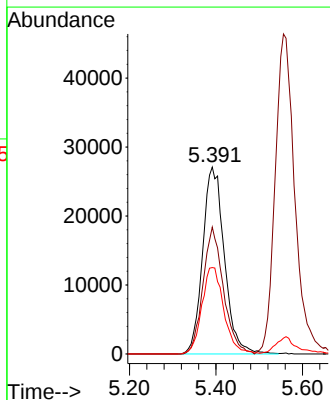
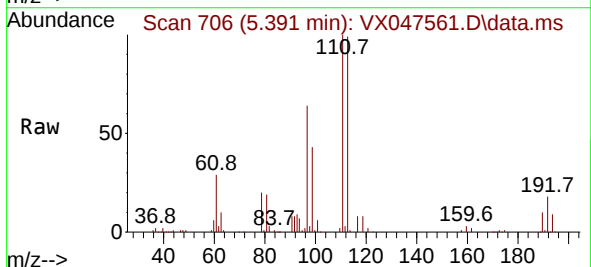
Manual Integrations
APPROVED

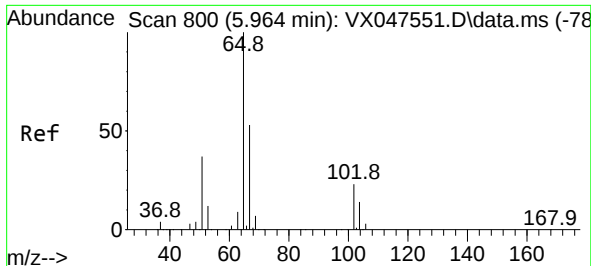
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.450 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 97 Resp: 94442
Ion Ratio Lower Upper
97 100
99 63.7 51.5 77.3
61 46.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.038 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion: 65 Resp: 172139

Ion Ratio Lower Upper

65 100

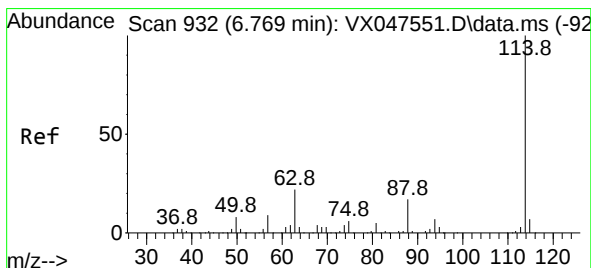
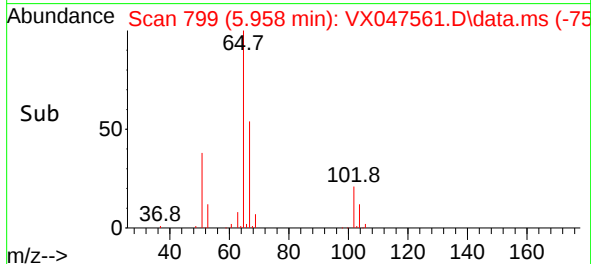
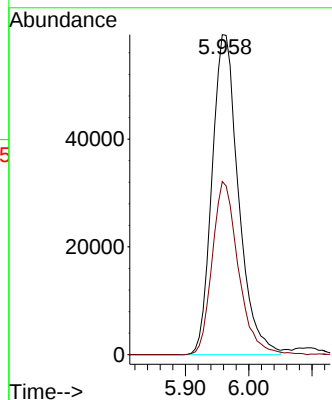
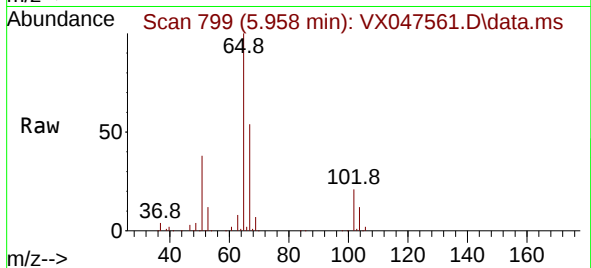
67 53.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

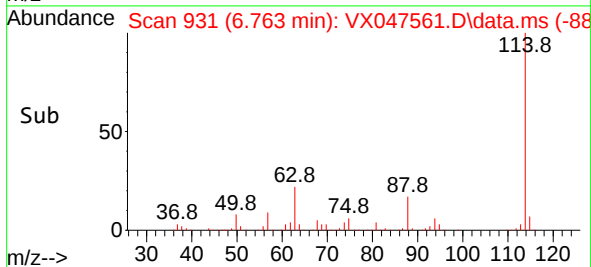
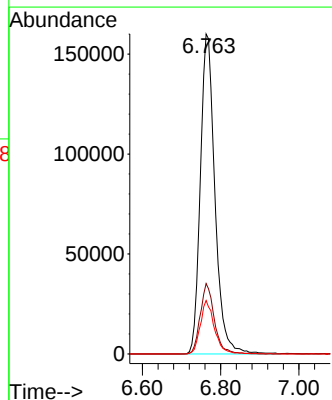
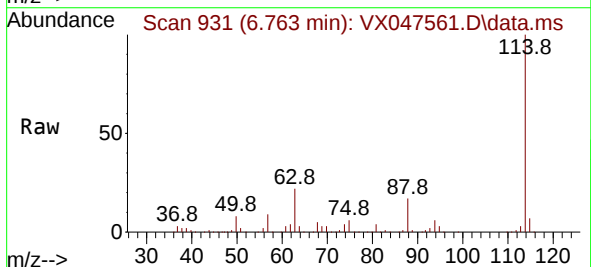
Tgt Ion:114 Resp: 414972

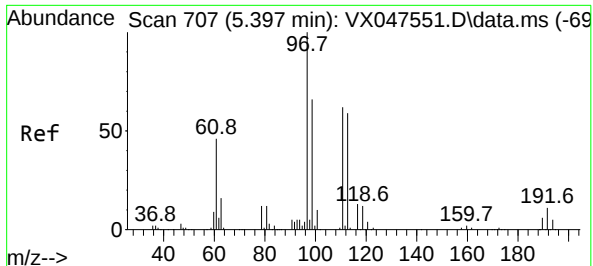
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.6

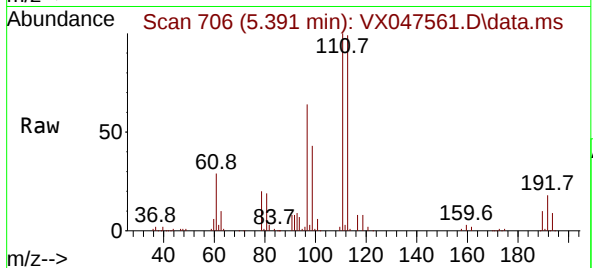
88 16.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.033 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

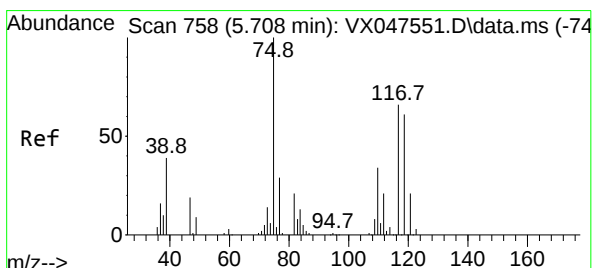
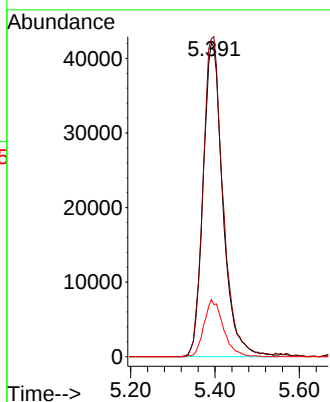
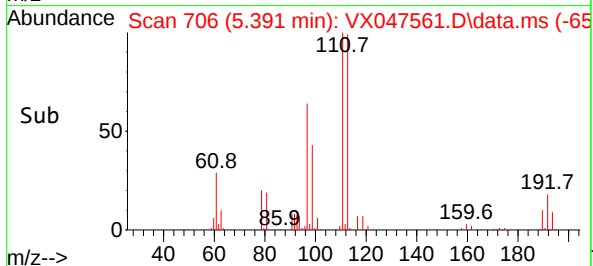
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 113 Resp: 13680
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 17.9 14.2 21.4

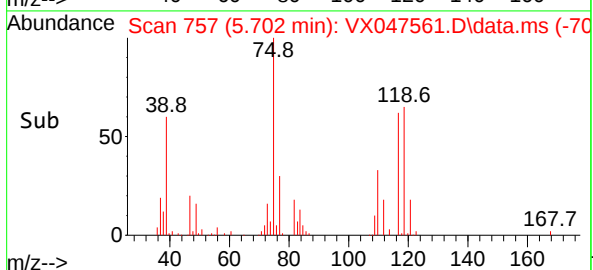
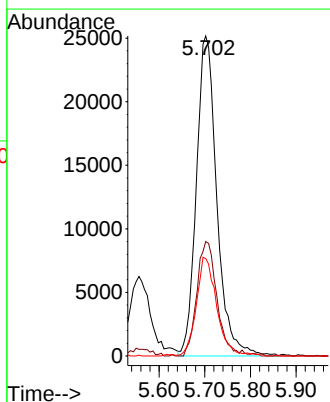
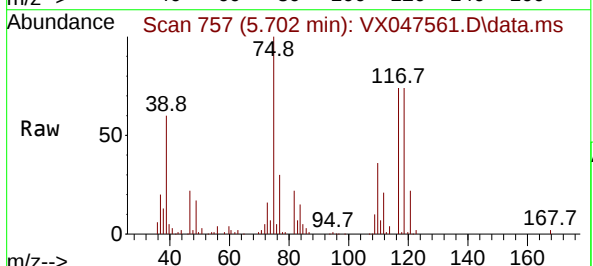
Manual Integrations
APPROVED

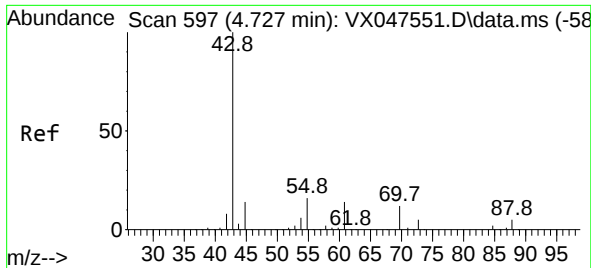
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#36
1,1-Dichloropropene
Concen: 19.306 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

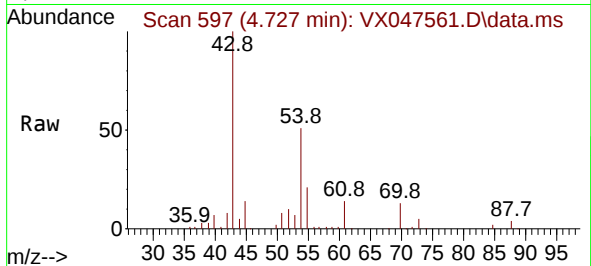
Tgt Ion: 75 Resp: 78252
Ion Ratio Lower Upper
75 100
110 35.1 17.1 51.3
77 30.8 25.0 37.6





#37
Ethyl Acetate
Concen: 19.531 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

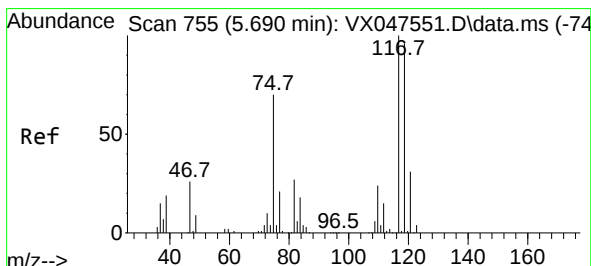
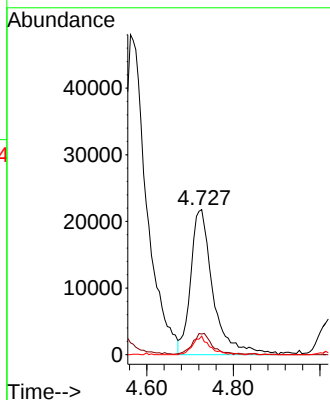
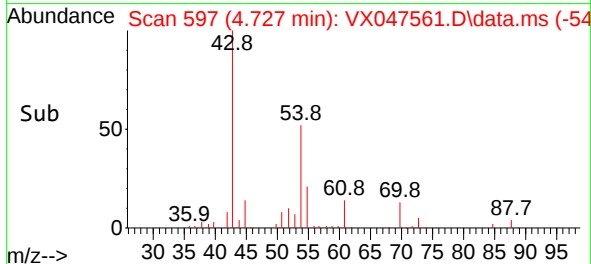
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 43 Resp: 7802
Ion Ratio Lower Upper
43 100
61 12.2 10.2 15.2
70 9.3 8.2 12.4

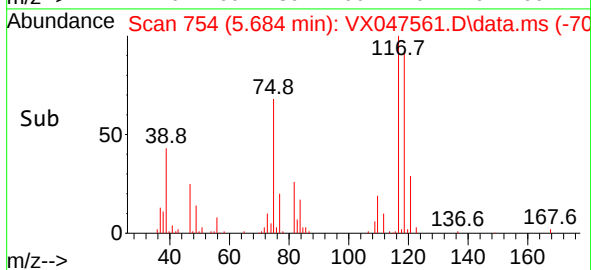
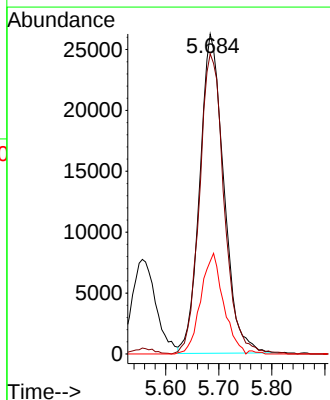
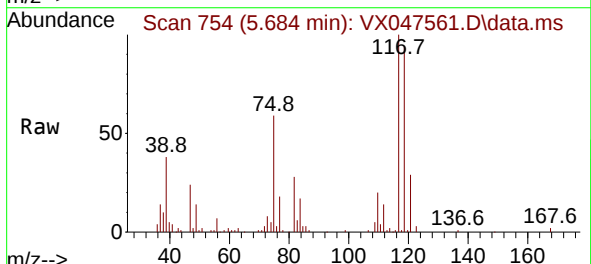
Manual Integrations
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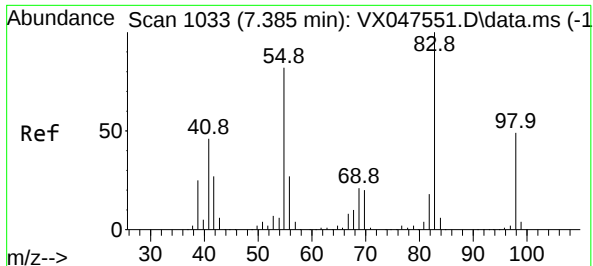
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#38
Carbon Tetrachloride
Concen: 18.398 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion:117 Resp: 82746
Ion Ratio Lower Upper
117 100
119 93.6 76.4 114.6
121 29.1 24.9 37.3





#39

Methylcyclohexane

Concen: 19.690 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion: 83 Resp: 92040

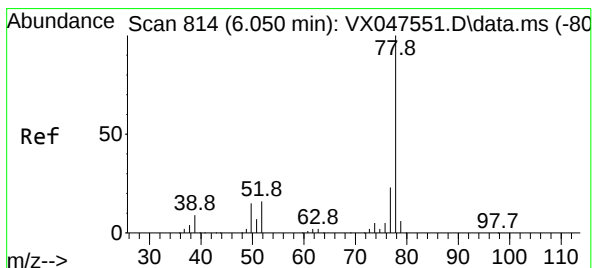
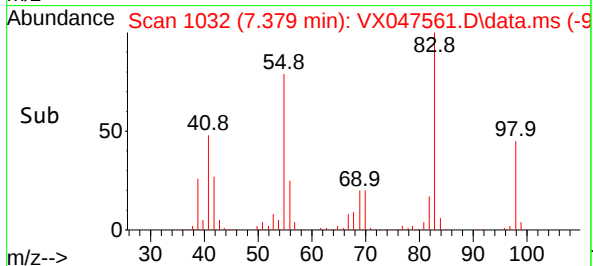
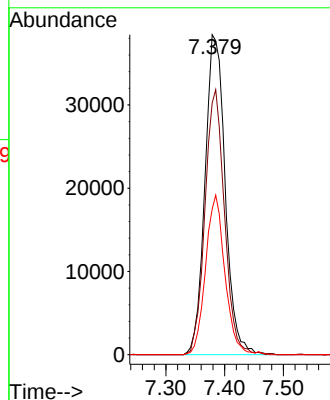
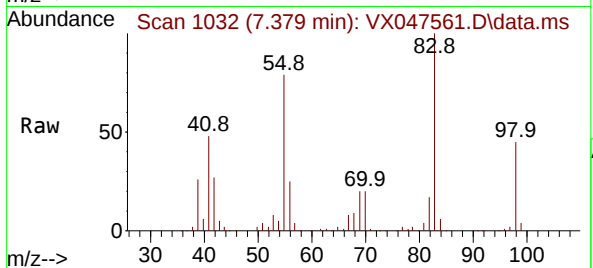
Ion	Ratio	Lower	Upper
83	100		
55	78.7	65.4	98.2
98	45.5	39.0	58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#40

Benzene

Concen: 18.449 ug/l

RT: 6.044 min Scan# 813

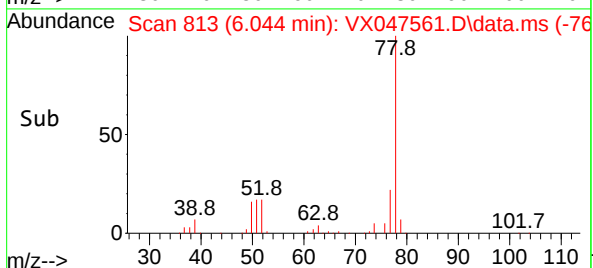
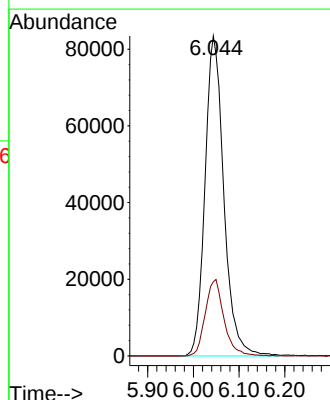
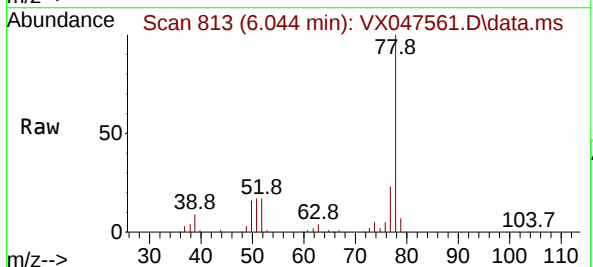
Delta R.T. -0.006 min

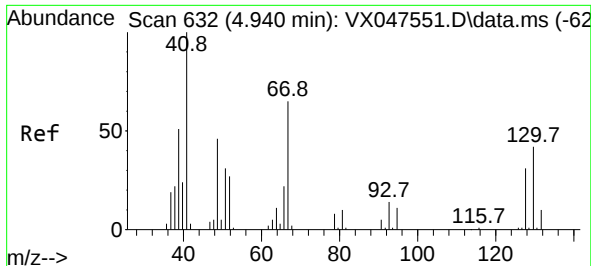
Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Tgt Ion: 78 Resp: 238732

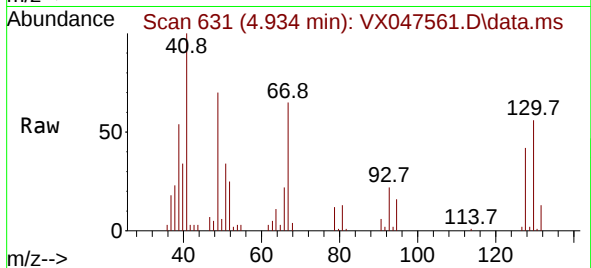
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.5	27.7





#41
Methacrylonitrile
Concen: 20.283 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

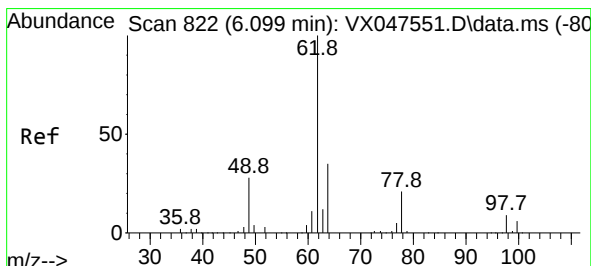
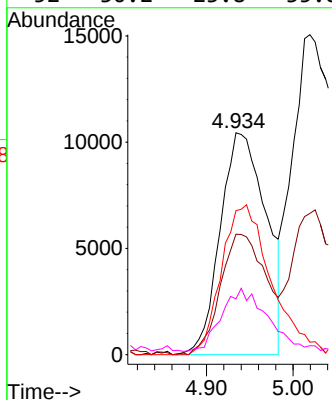
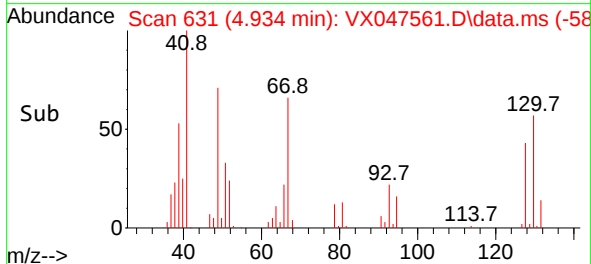
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 41 Resp: 38370
Ion Ratio Lower Upper
41 100
39 54.2 42.4 63.6
67 72.9 60.6 90.8
52 30.2 23.8 35.8

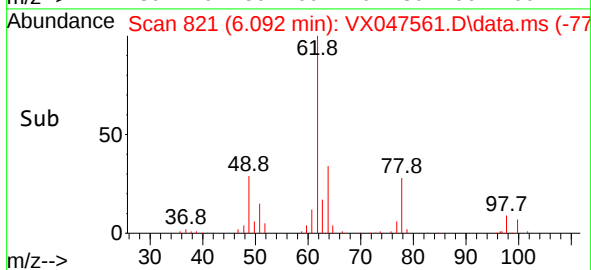
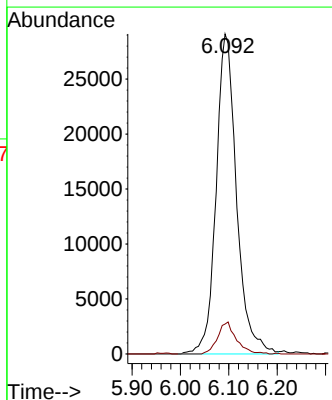
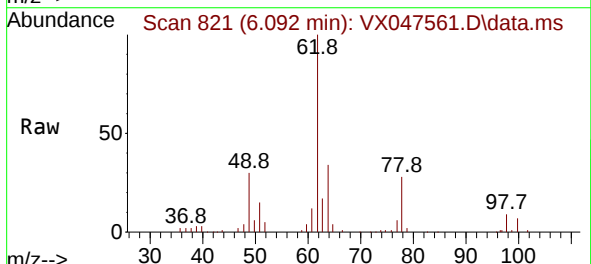
Manual Integrations
APPROVED

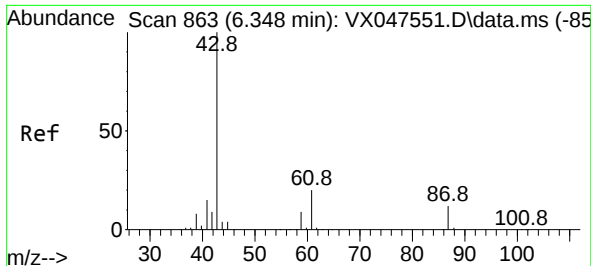
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#42
1,2-Dichloroethane
Concen: 18.361 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 62 Resp: 85532
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8





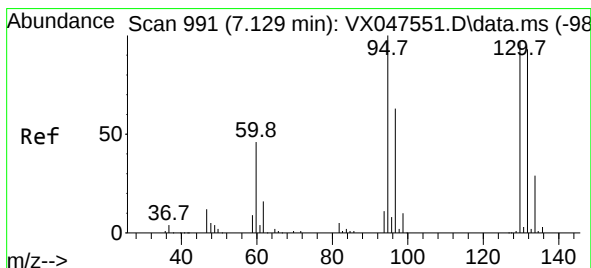
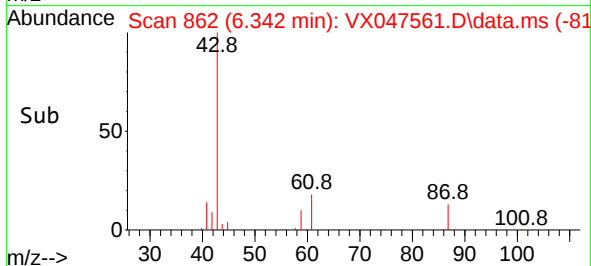
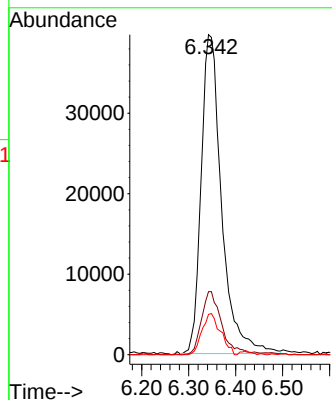
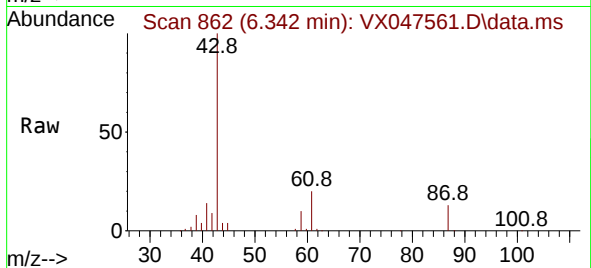
#43
Isopropyl Acetate
Concen: 18.702 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion: 43 Resp: 12005
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.2
87 11.6 9.9 14.9

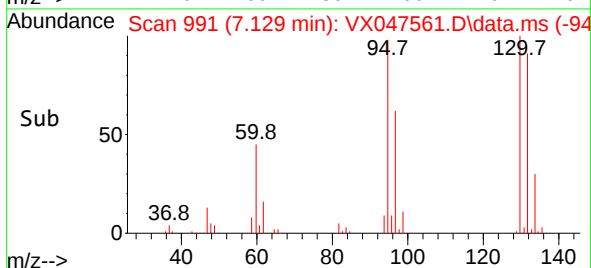
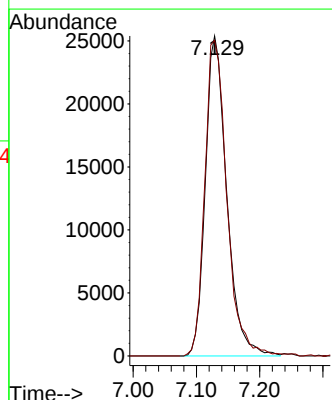
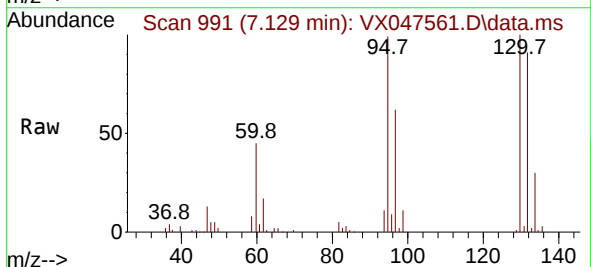
Manual Integrations
APPROVED

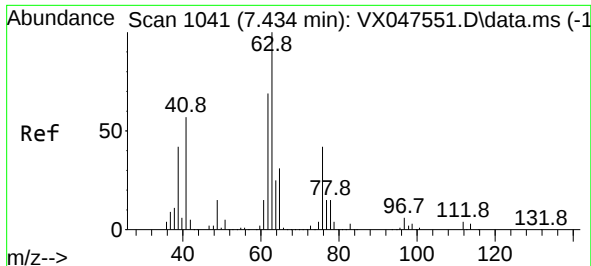
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#44
Trichloroethene
Concen: 18.646 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion:130 Resp: 59784
Ion Ratio Lower Upper
130 100
95 98.6 0.0 206.6





#45

1,2-Dichloropropane

Concen: 18.181 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion: 63 Resp: 5926

Ion Ratio Lower Upper

63 100

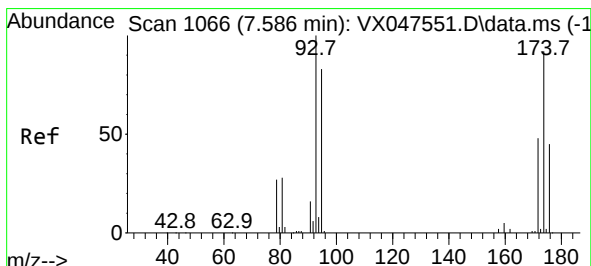
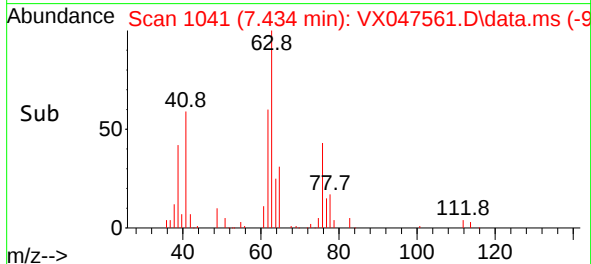
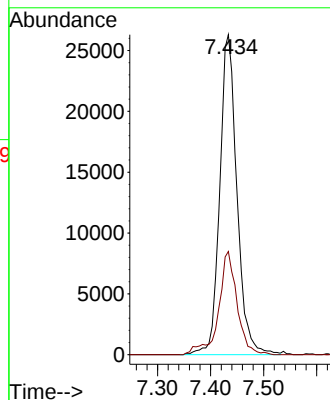
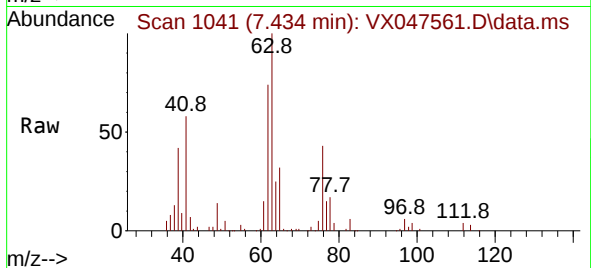
65 32.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#46

Dibromomethane

Concen: 18.448 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

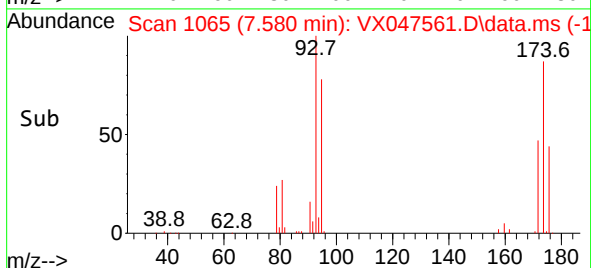
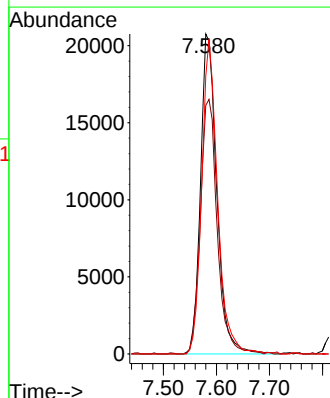
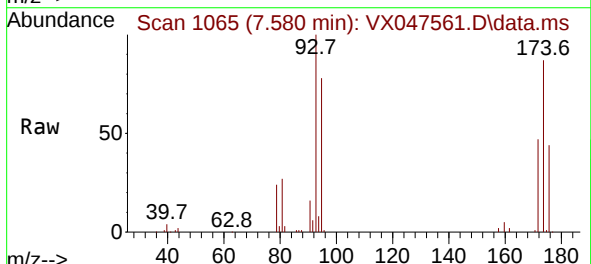
Tgt Ion: 93 Resp: 44266

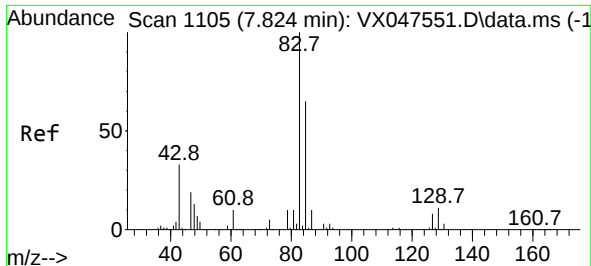
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 96.0 75.2 112.8





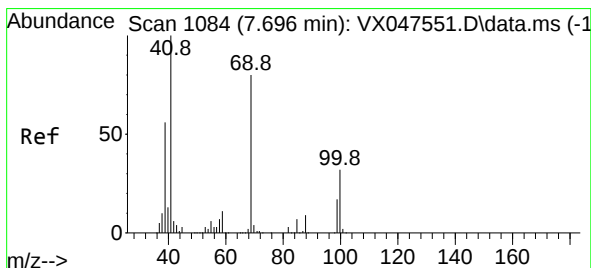
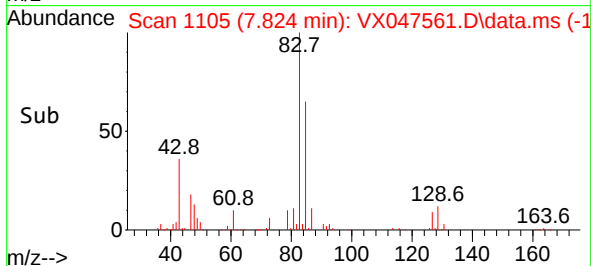
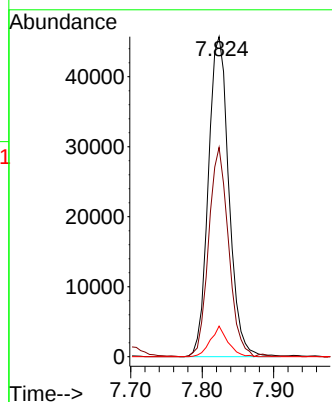
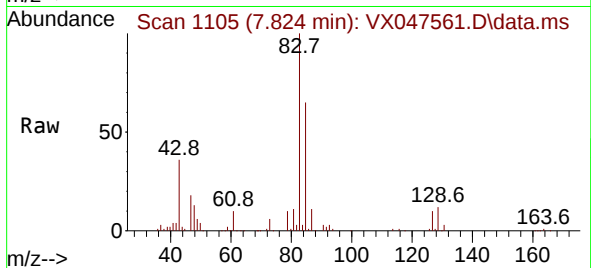
#47
Bromodichloromethane
Concen: 18.587 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion: 83 Resp: 91210
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0
127 9.6 6.8 10.2

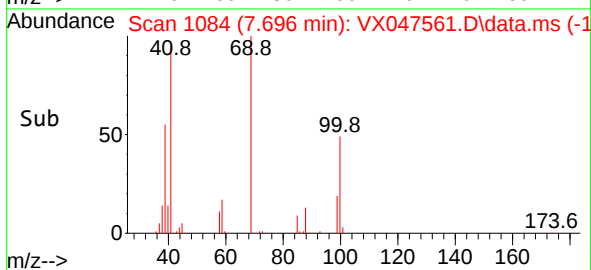
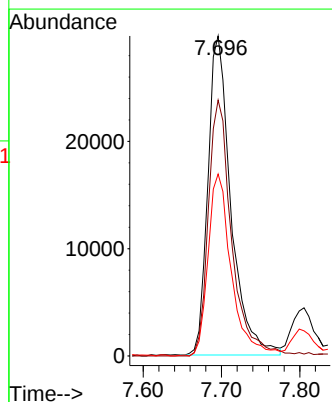
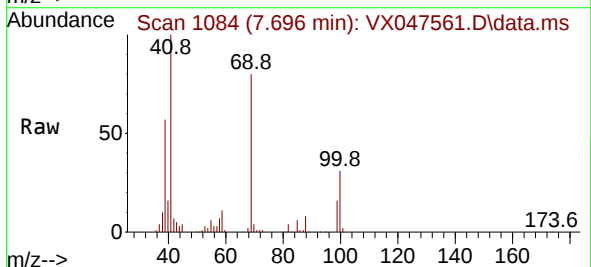
Manual Integrations
APPROVED

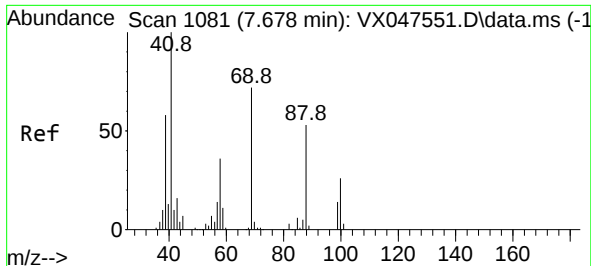
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#48
Methyl methacrylate
Concen: 18.356 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 41 Resp: 60616
Ion Ratio Lower Upper
41 100
69 81.3 63.4 95.2
39 57.9 44.7 67.1





#49

1,4-Dioxane

Concen: 383.149 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

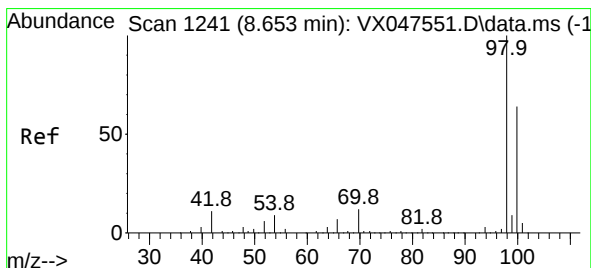
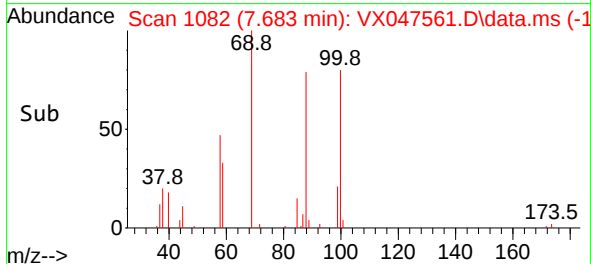
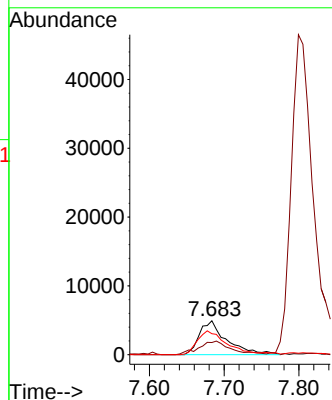
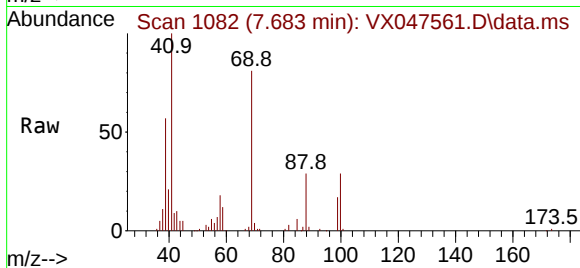
Tgt Ion:	88	Resp:	12510
Ion Ratio	Lower	Upper	
88	100		
43	46.5	31.9	47.9
58	73.6	57.5	86.3

Manual Integrations

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Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#50

Toluene-d8

Concen: 48.370 ug/l

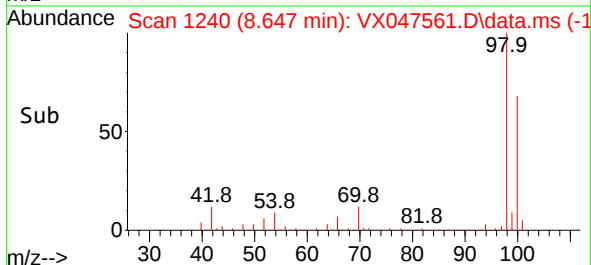
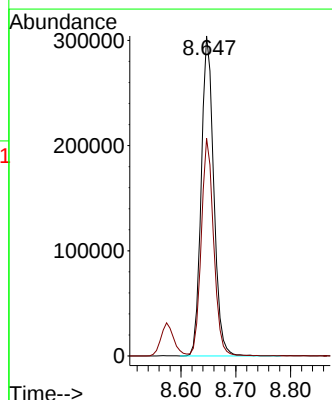
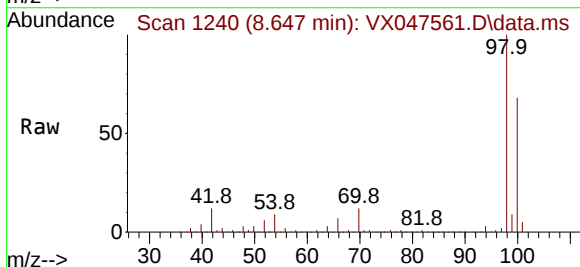
RT: 8.647 min Scan# 1240

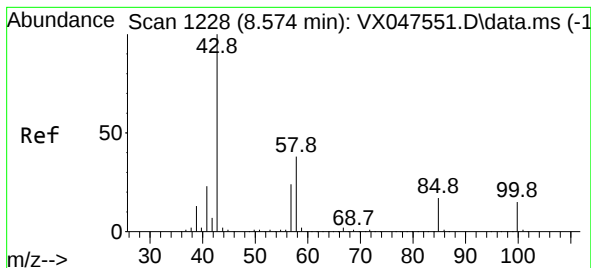
Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Tgt Ion:	98	Resp:	482880
Ion Ratio	Lower	Upper	
98	100		
100	67.3	53.5	80.3





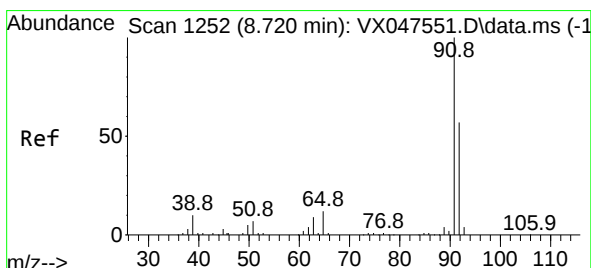
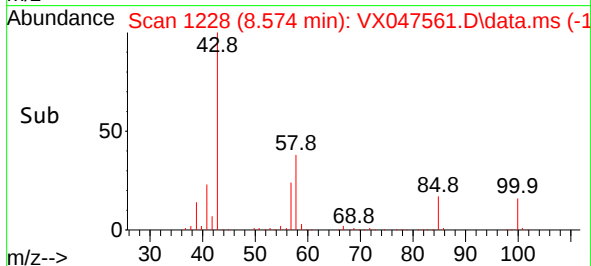
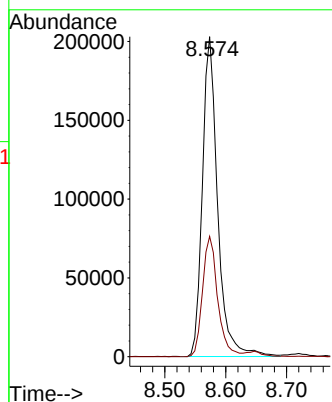
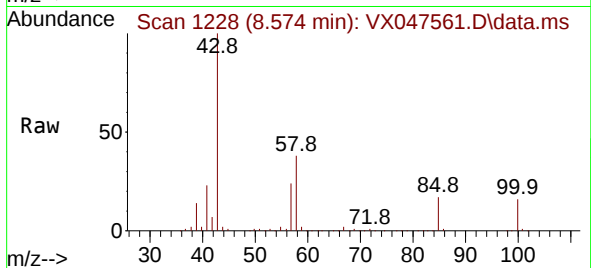
#51
4-Methyl-2-Pentanone
Concen: 93.167 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion: 43 Resp: 35337
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

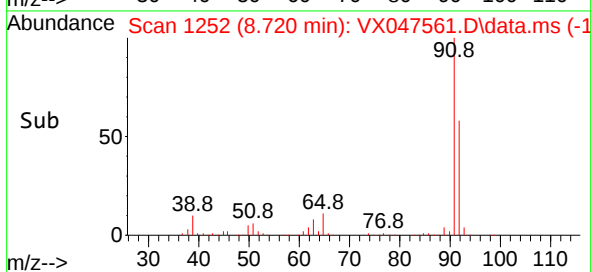
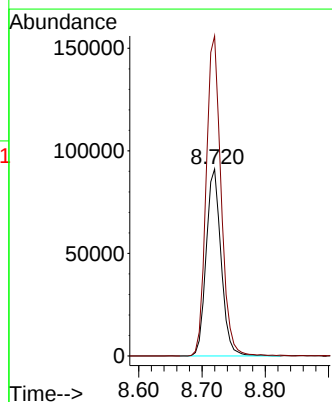
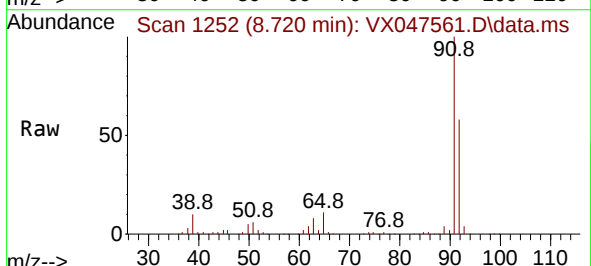
Manual Integrations
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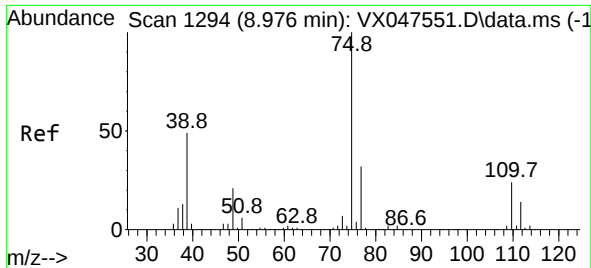
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#52
Toluene
Concen: 18.972 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 92 Resp: 149613
Ion Ratio Lower Upper
92 100
91 171.0 137.8 206.8





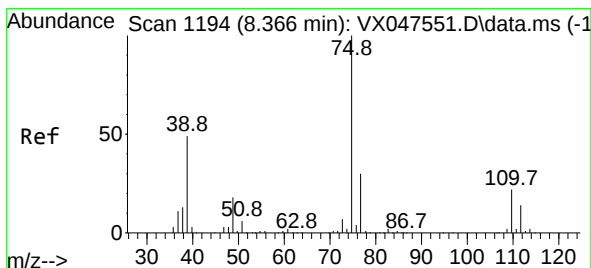
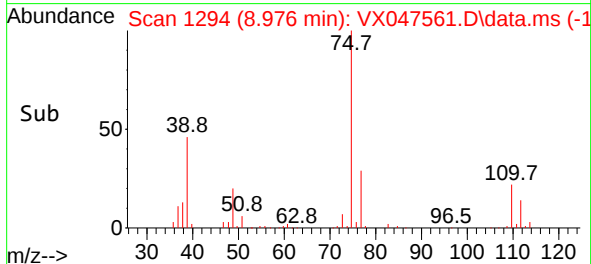
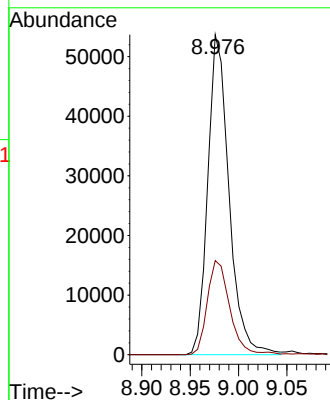
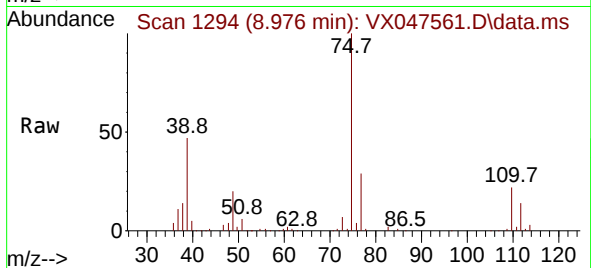
#53
 t-1,3-Dichloropropene
 Concen: 18.545 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX047561.D
 Acq: 29 Aug 2025 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01

Tgt Ion: 75 Resp: 8198
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.7 38.5

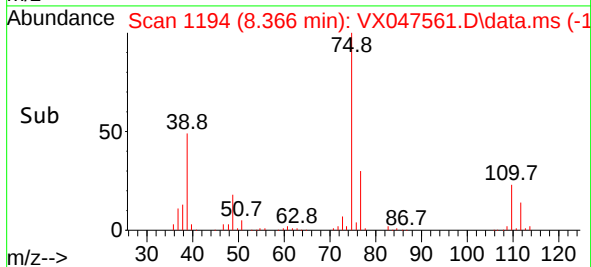
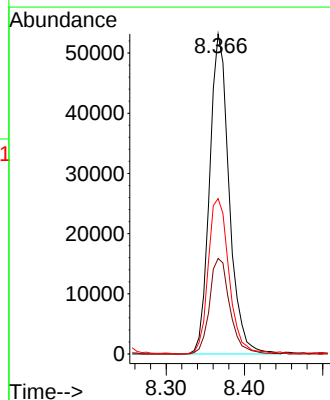
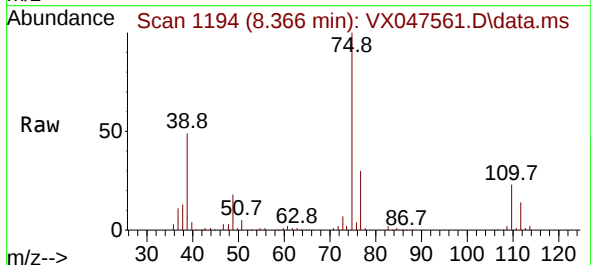
Manual Integrations
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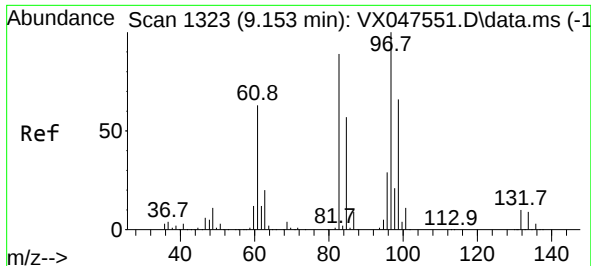
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.809 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX047561.D
 Acq: 29 Aug 2025 11:29

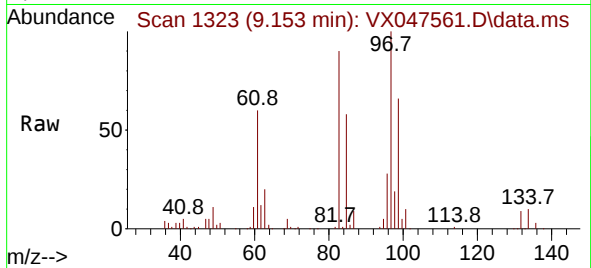
Tgt Ion: 75 Resp: 92134
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.3 36.5
 39 47.9 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 18.668 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

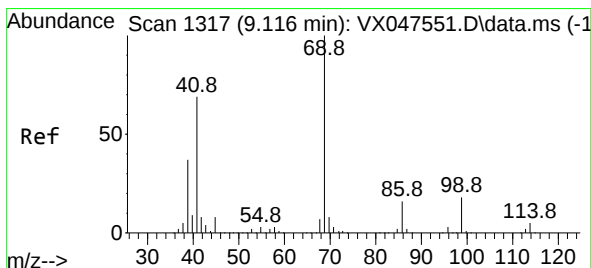
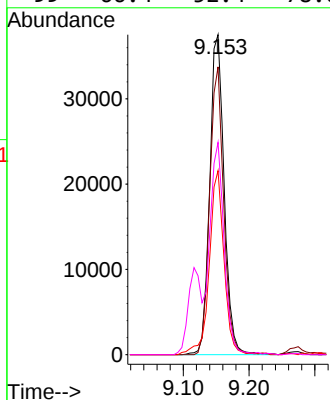
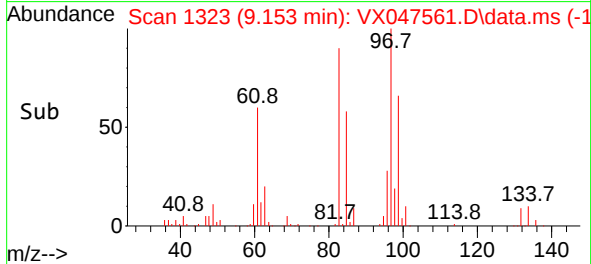
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:	97	Resp:	5743
Ion	Ratio	Lower	Upper
97	100		
83	89.9	71.4	107.0
85	57.5	45.6	68.4
99	66.4	52.4	78.6

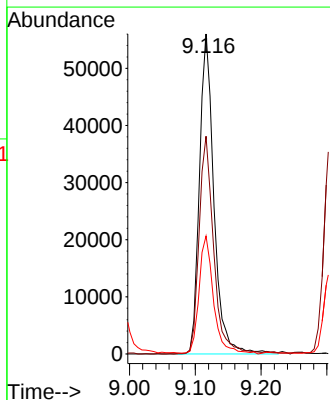
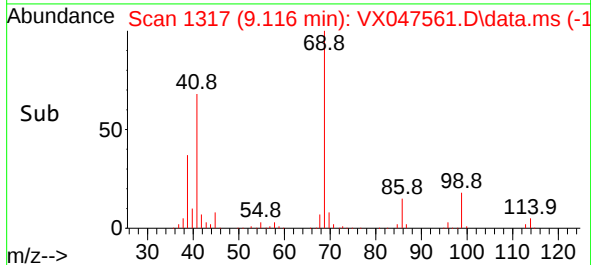
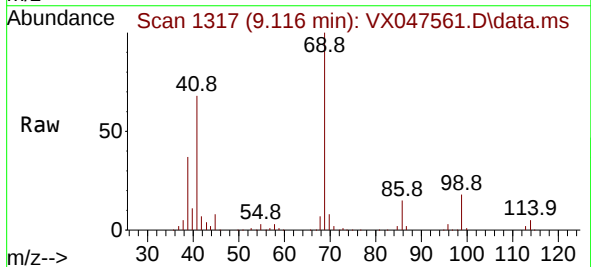
Manual Integrations
APPROVED

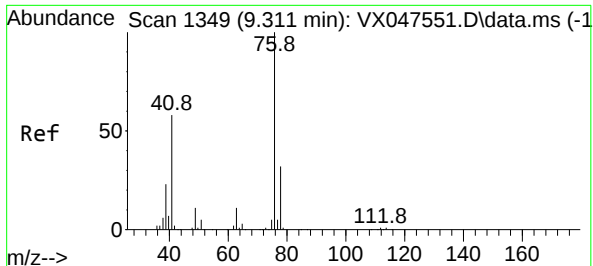
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#56
Ethyl methacrylate
Concen: 18.809 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion:	69	Resp:	85658
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.0	82.4
39	37.0	29.8	44.6





#57

1,3-Dichloropropane

Concen: 18.881 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion: 76 Resp: 100569

Ion Ratio Lower Upper

76 100

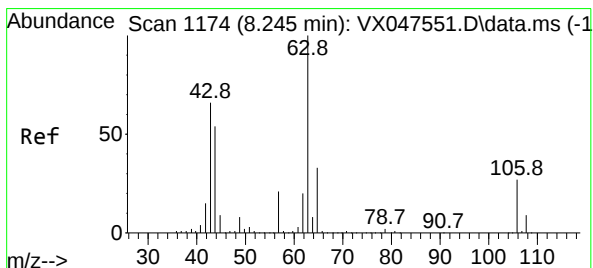
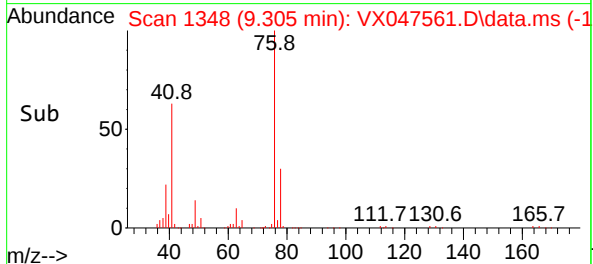
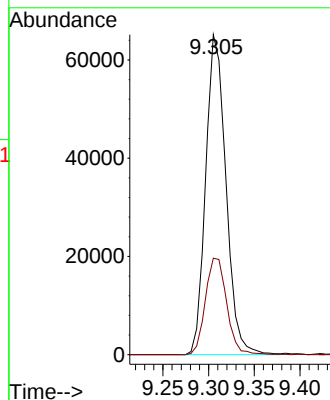
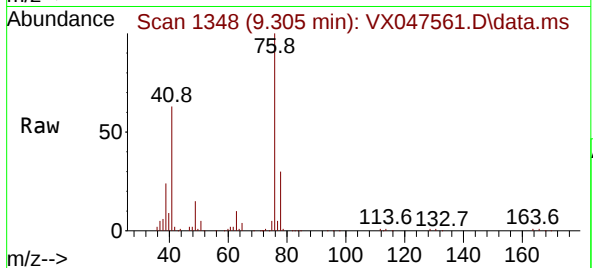
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.330 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX047561.D

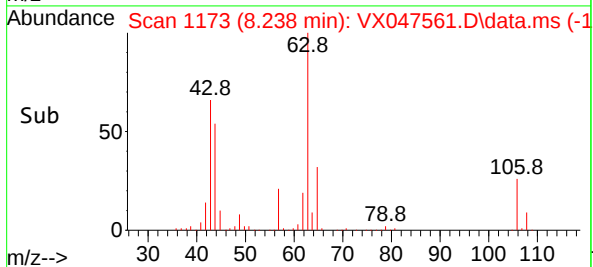
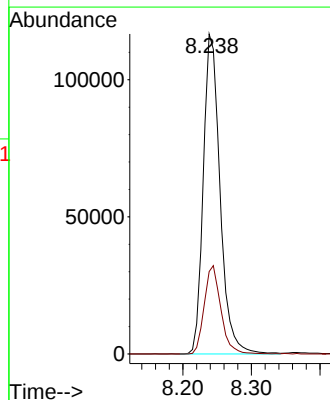
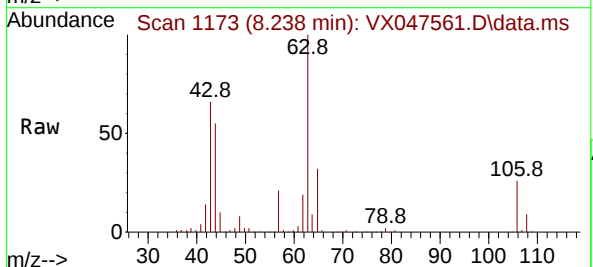
Acq: 29 Aug 2025 11:29

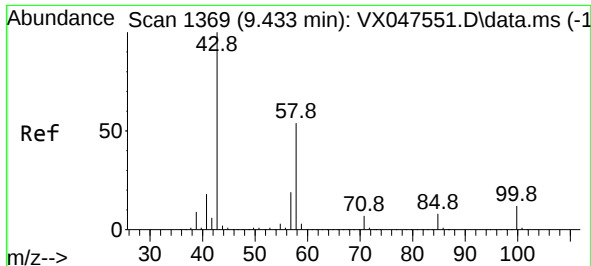
Tgt Ion: 63 Resp: 199294

Ion Ratio Lower Upper

63 100

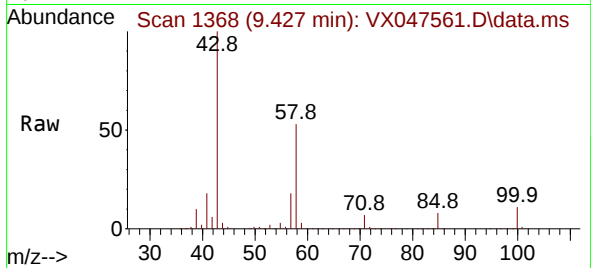
106 27.3 22.2 33.4





#59
2-Hexanone
Concen: 91.656 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

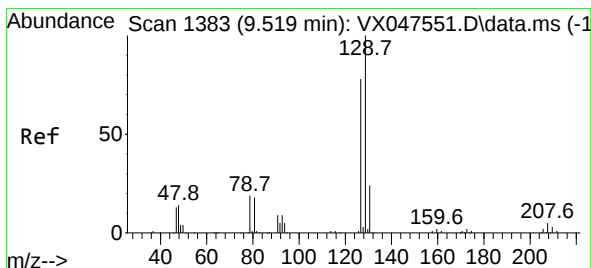
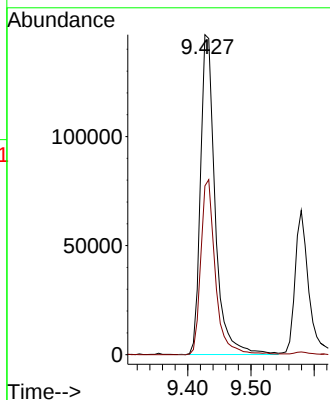
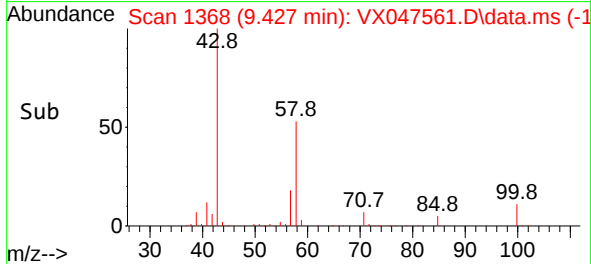
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 43 Resp: 23748
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.0

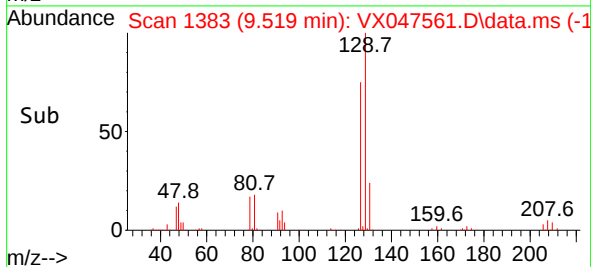
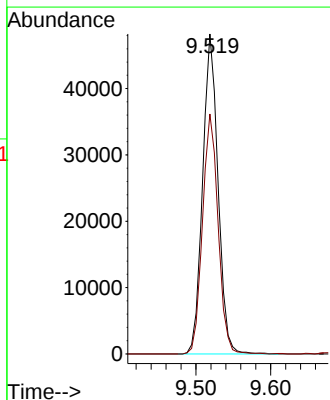
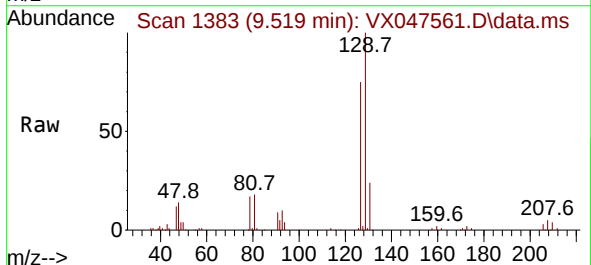
Manual Integrations
APPROVED

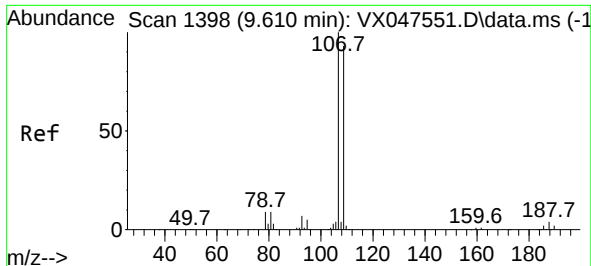
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#60
Dibromochloromethane
Concen: 18.723 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

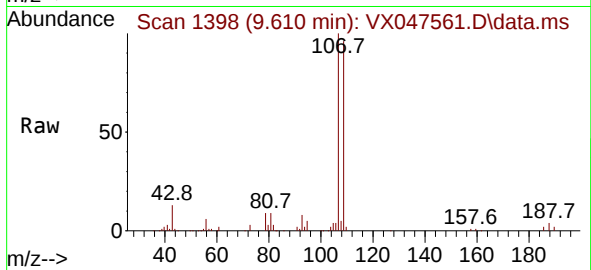
Tgt Ion:129 Resp: 68812
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.180 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

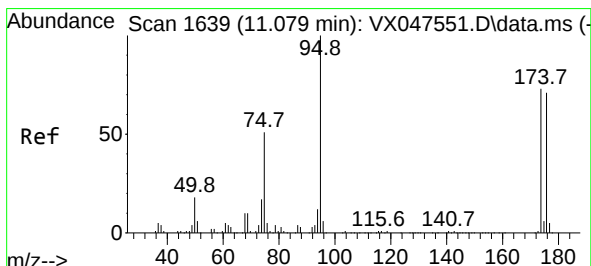
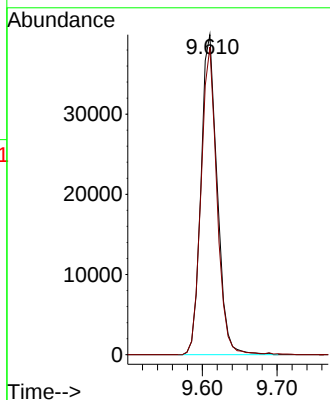
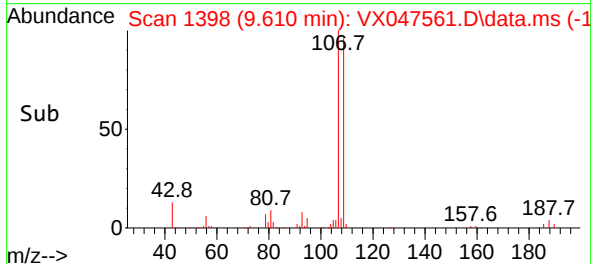
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



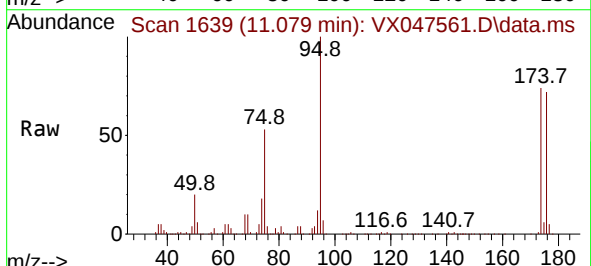
Tgt Ion:107 Resp: 6004
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3

Manual Integrations
APPROVED

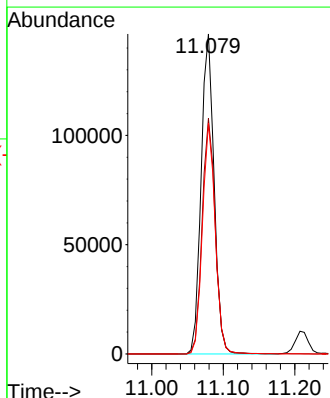
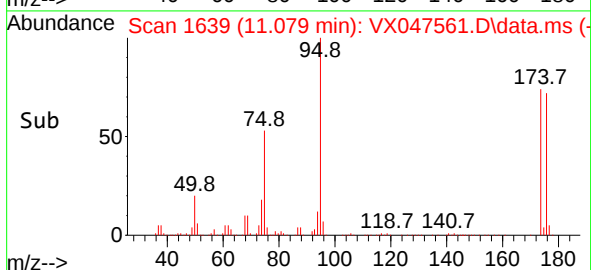
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

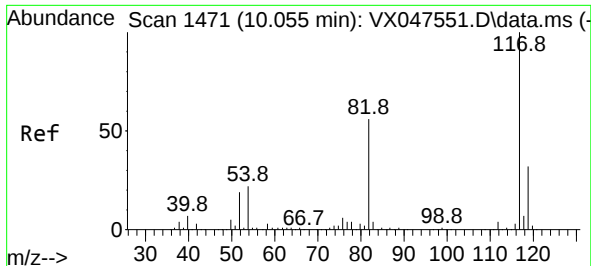


#62
4-Bromofluorobenzene
Concen: 49.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29



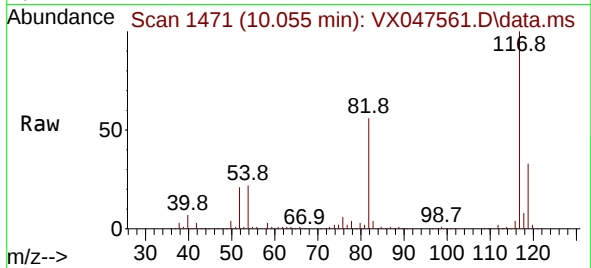
Tgt Ion: 95 Resp: 184241
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.2
176 71.3 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

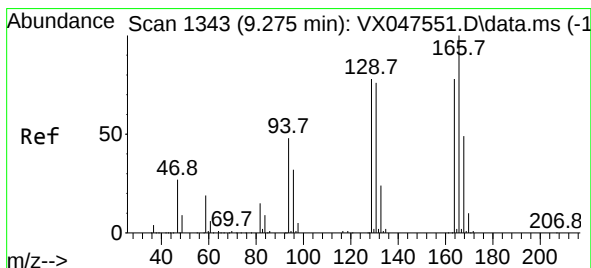
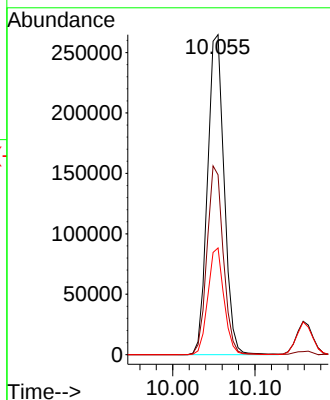
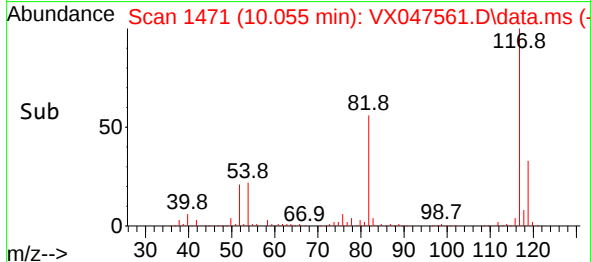
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:117 Resp: 372504
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 33.3 25.7 38.5

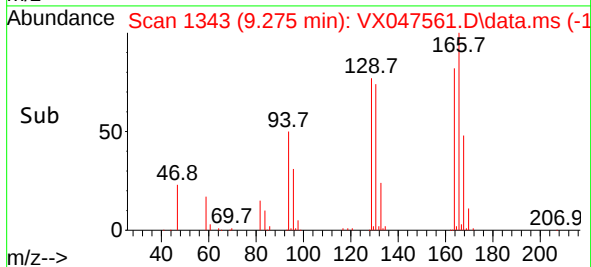
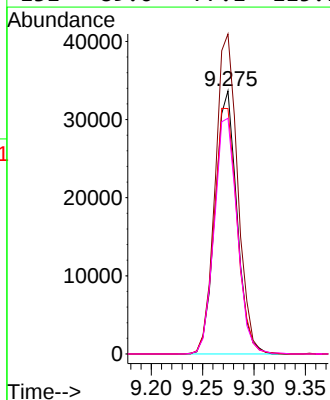
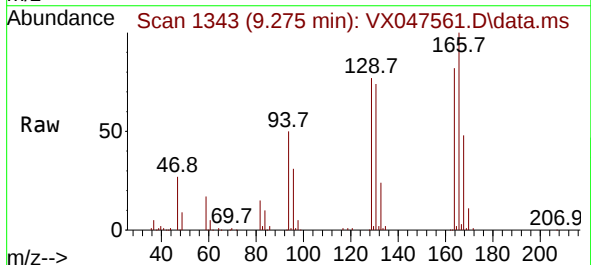
Manual Integrations
APPROVED

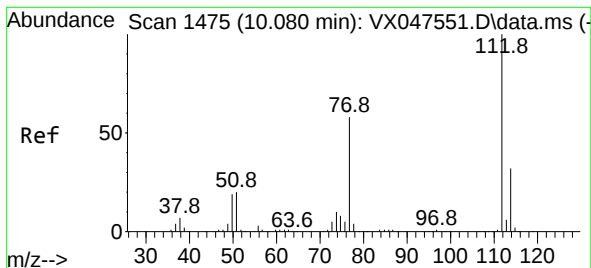
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#64
Tetrachloroethene
Concen: 19.848 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

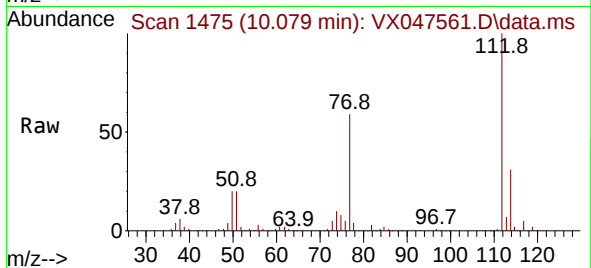
Tgt Ion:164 Resp: 49533
Ion Ratio Lower Upper
164 100
166 121.6 102.1 153.1
129 93.3 79.3 118.9
131 89.6 77.1 115.7





#65
Chlorobenzene
Concen: 19.170 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

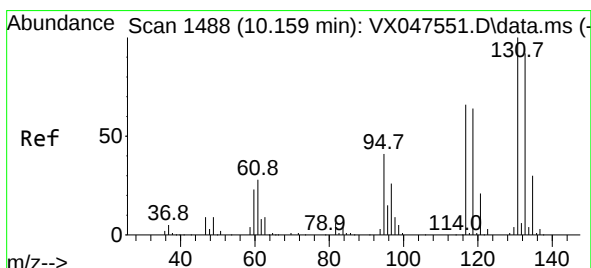
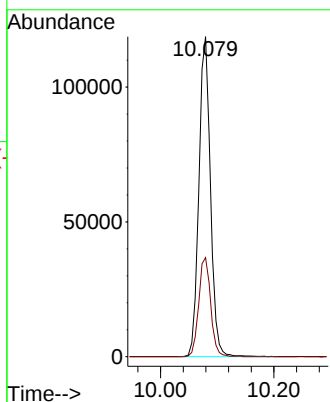
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:112 Resp: 167168
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9

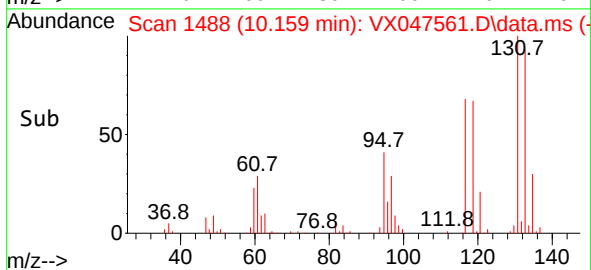
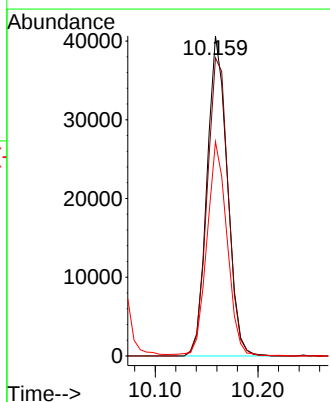
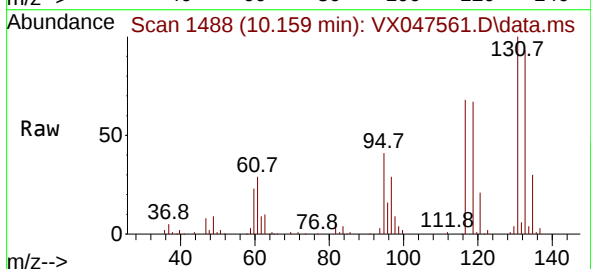
Manual Integrations
APPROVED

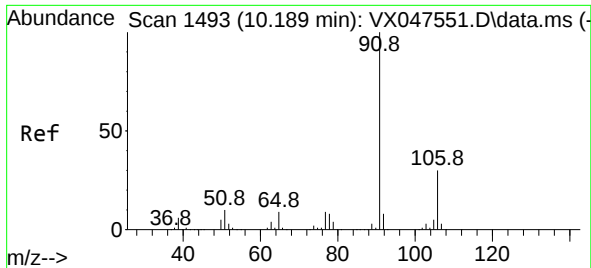
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.816 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

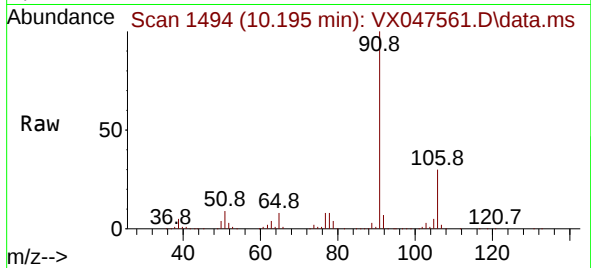
Tgt Ion:131 Resp: 55640
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.3
119 66.6 32.6 97.7





#67
Ethyl Benzene
Concen: 19.427 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

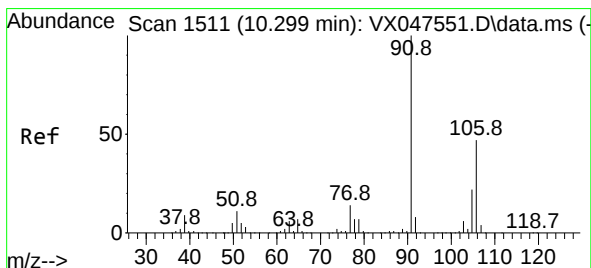
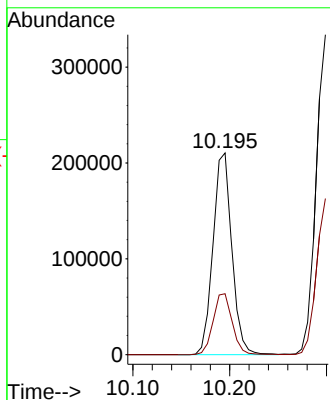
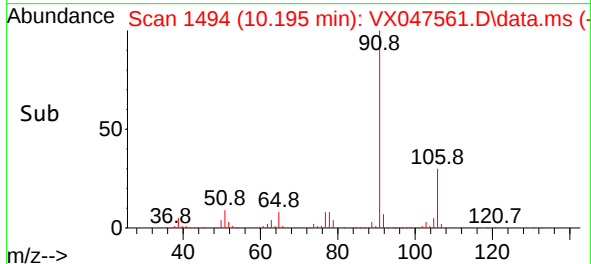
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 91 Resp: 284675
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

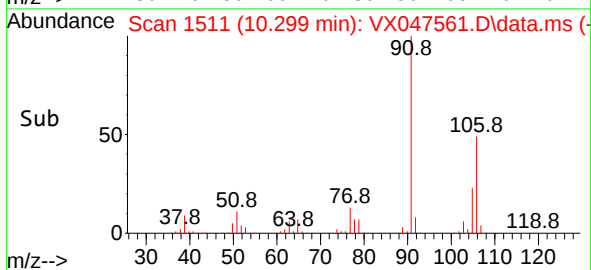
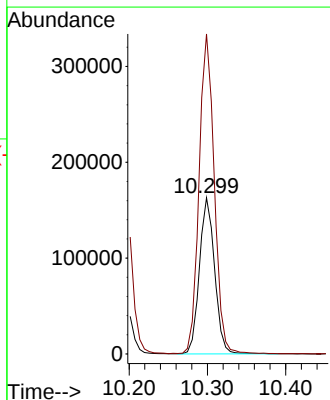
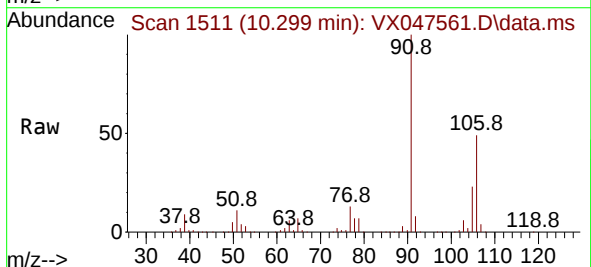
Manual Integrations
APPROVED

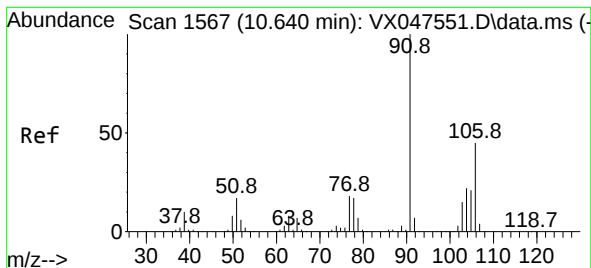
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#68
m/p-Xylenes
Concen: 40.313 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

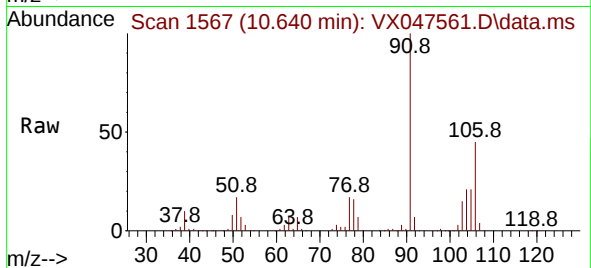
Tgt Ion:106 Resp: 219405
Ion Ratio Lower Upper
106 100
91 205.0 166.1 249.1





#69
o-Xylene
Concen: 19.777 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

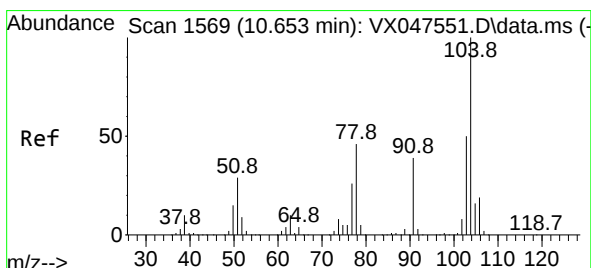
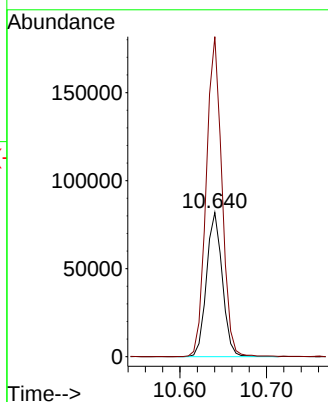
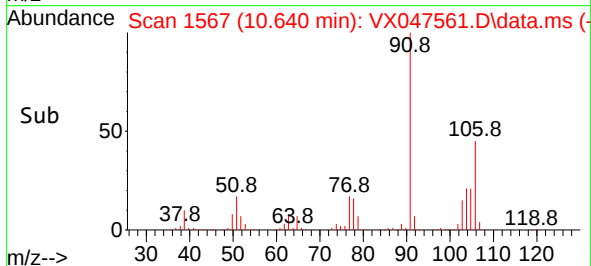
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:106 Resp: 103690
Ion Ratio Lower Upper
106 100
91 221.0 109.9 329.7

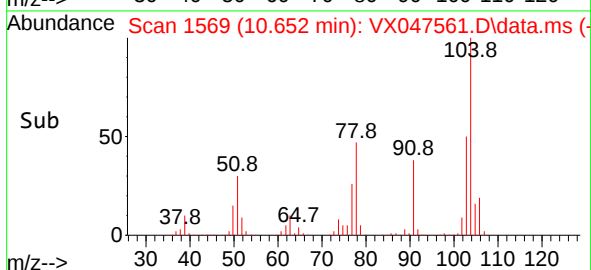
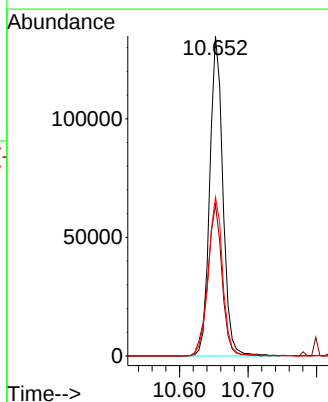
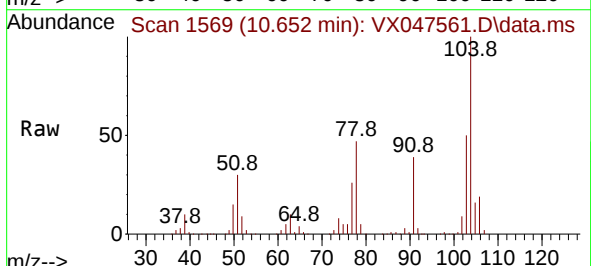
Manual Integrations
APPROVED

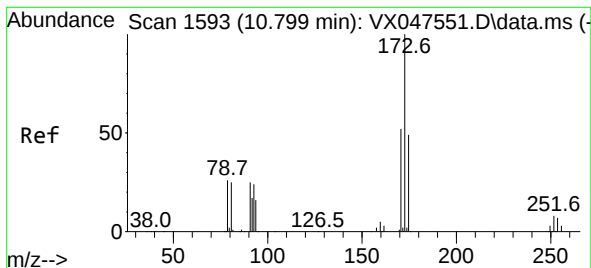
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#70
Styrene
Concen: 19.819 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion:104 Resp: 180297
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 54.3 43.0 64.4





#71

Bromoform

Concen: 19.410 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

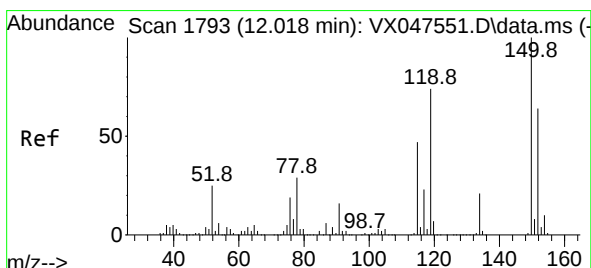
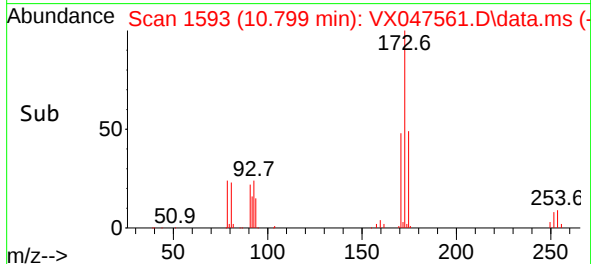
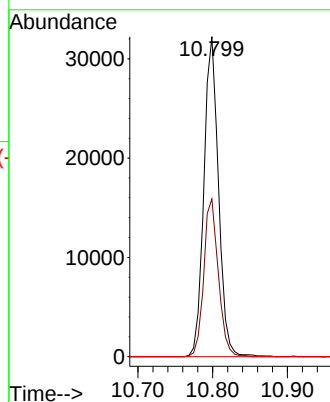
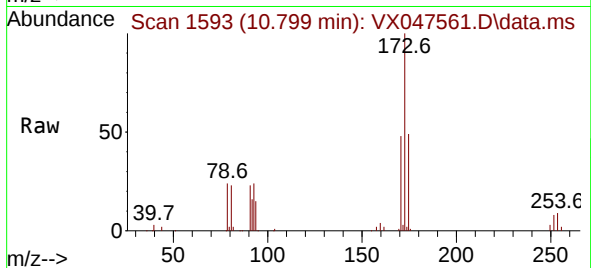
Tgt Ion:173 Resp: 43704
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.5 73.5
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

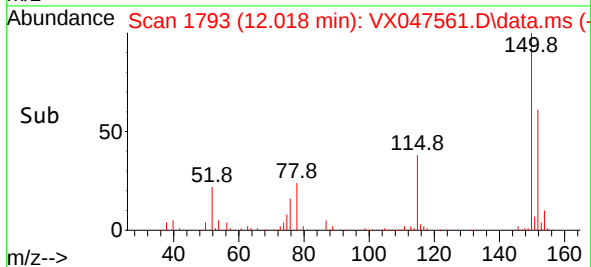
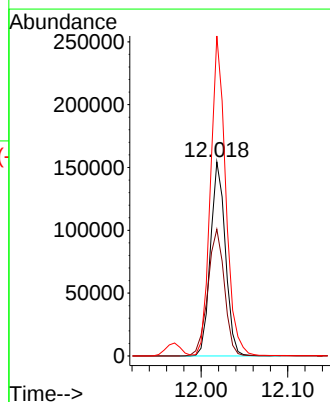
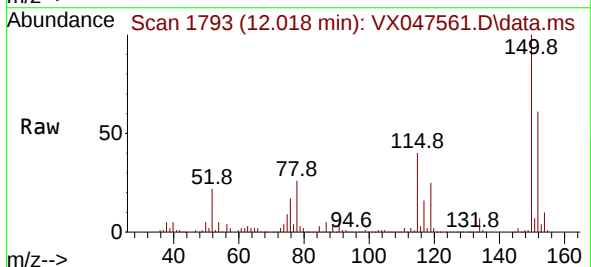
RT: 12.018 min Scan# 1793

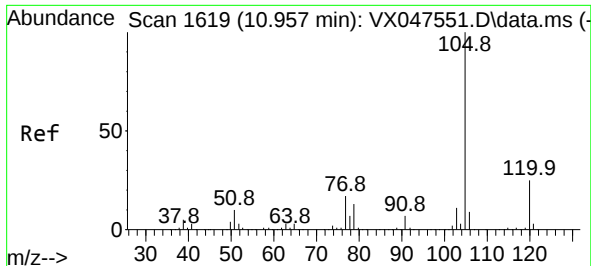
Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Tgt Ion:152 Resp: 184959
 Ion Ratio Lower Upper
 152 100
 115 72.6 42.9 128.5
 150 167.8 0.0 351.0





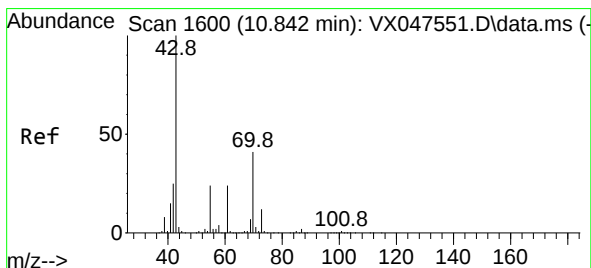
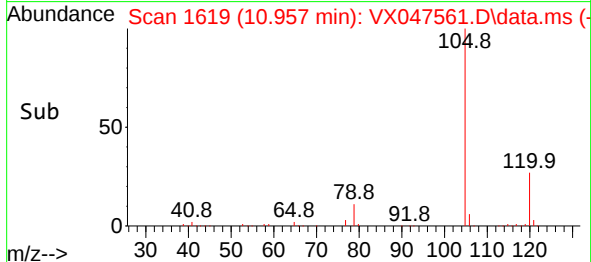
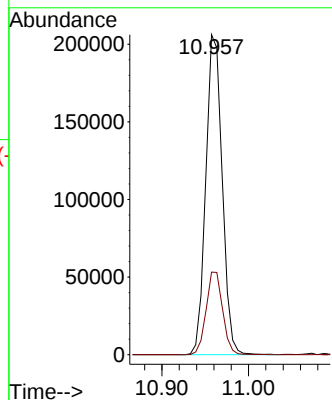
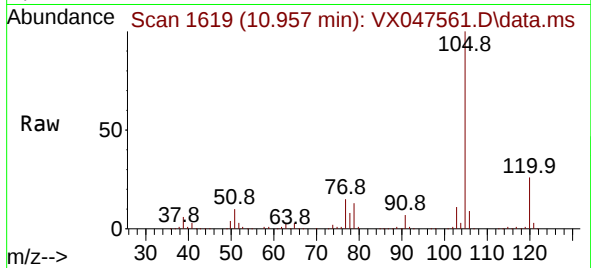
#73
Isopropylbenzene
Concen: 19.934 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion:105 Resp: 27129
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

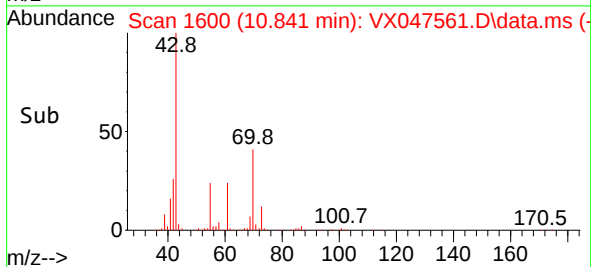
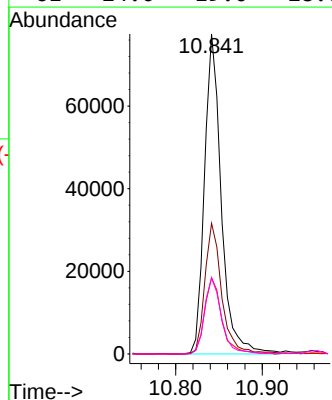
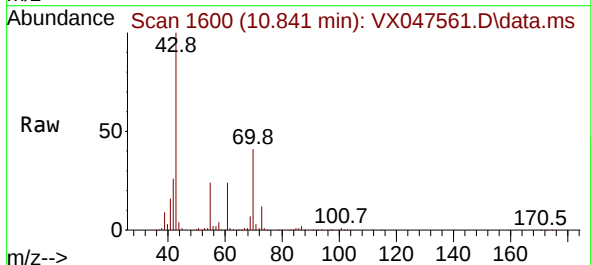
Manual Integrations
APPROVED

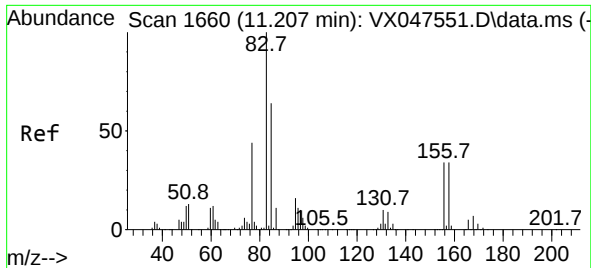
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#74
N-ethyl acetate
Concen: 18.574 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 43 Resp: 104394
Ion Ratio Lower Upper
43 100
70 41.4 32.9 49.3
55 24.3 19.2 28.8
61 24.0 19.0 28.6





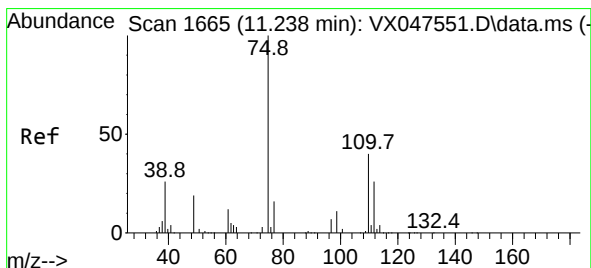
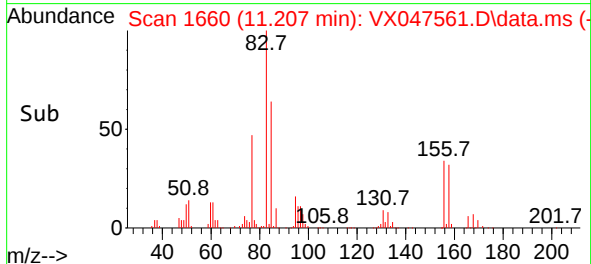
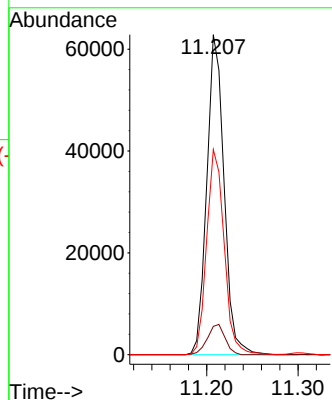
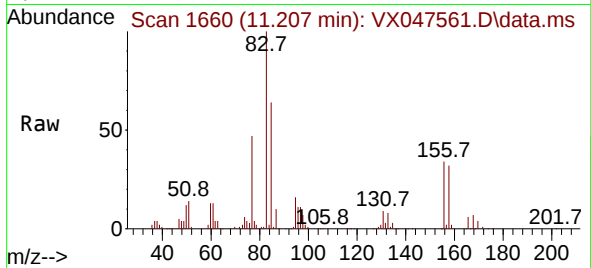
#75
1,1,2,2-Tetrachloroethane
Concen: 19.084 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Tgt Ion: 83 Resp: 82100
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 65.0 32.4 97.0

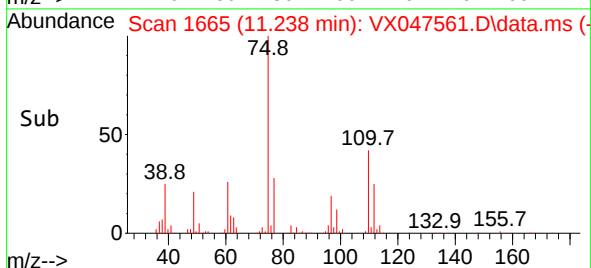
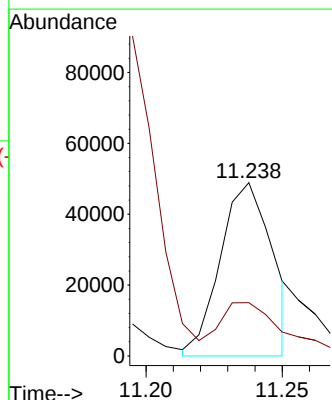
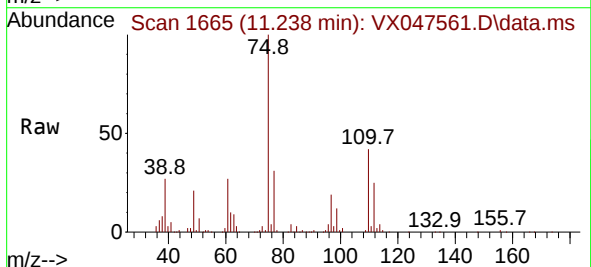
Manual Integrations
APPROVED

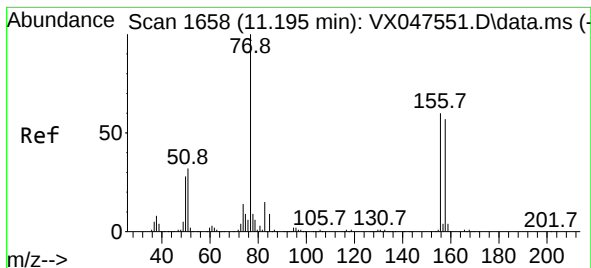
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#76
1,2,3-Trichloropropane
Concen: 19.637 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 75 Resp: 64822
Ion Ratio Lower Upper
75 100
77 39.4 19.7 59.1





#77

Bromobenzene

Concen: 19.384 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

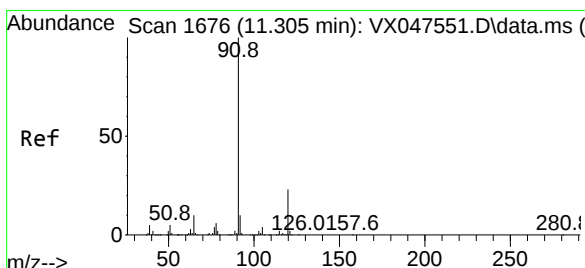
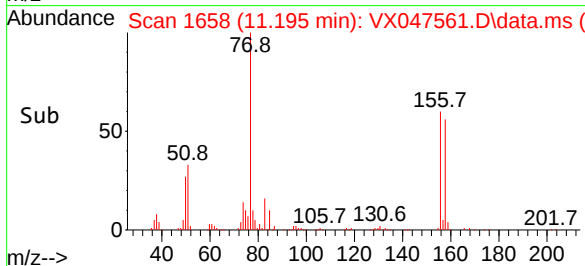
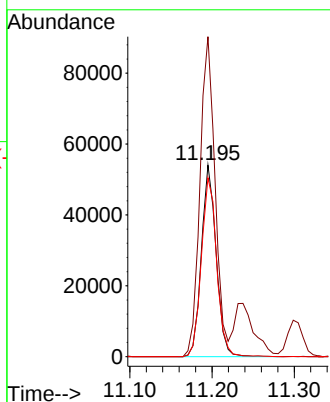
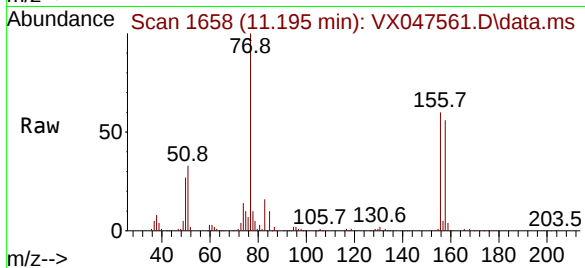
Tgt Ion:	156	Resp:	6748
Ion Ratio	Lower	Upper	
156	100		
77	171.2	84.4	253.1
158	97.3	47.4	142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#78

n-propylbenzene

Concen: 19.820 ug/l

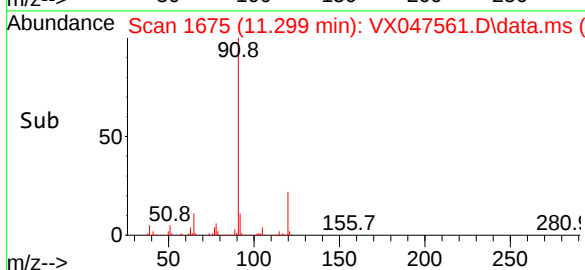
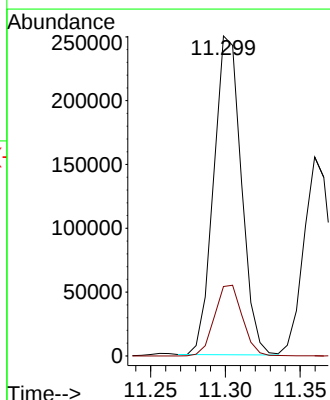
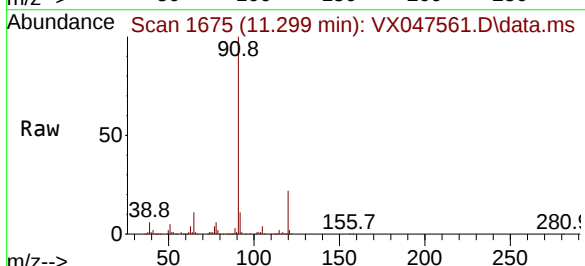
RT: 11.299 min Scan# 1675

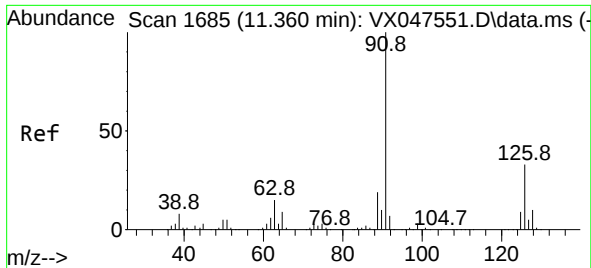
Delta R.T. -0.006 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

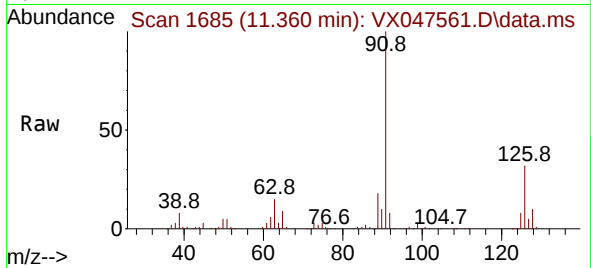
Tgt Ion:	91	Resp:	321157
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.6





#79
2-Chlorotoluene
Concen: 19.564 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

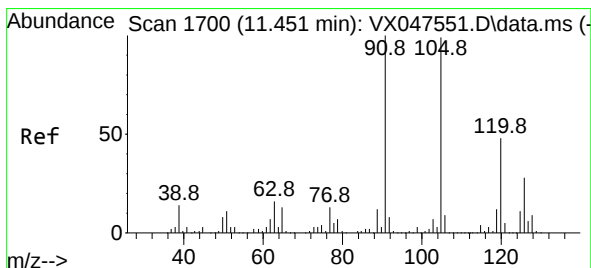
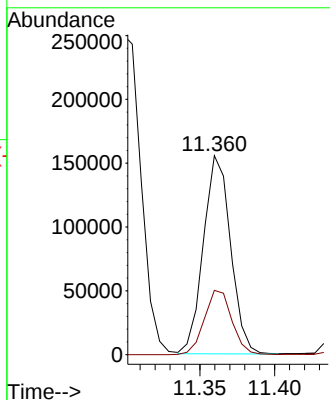
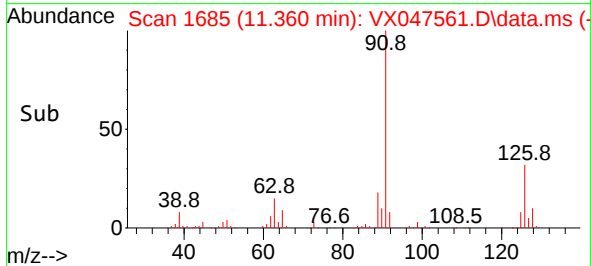
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



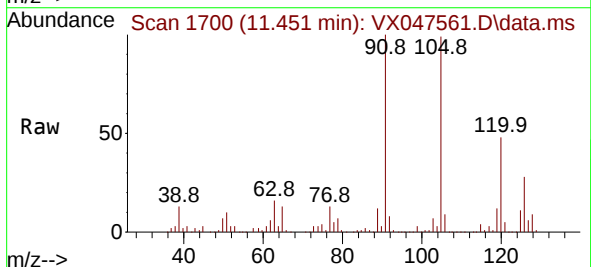
Tgt Ion: 91 Resp: 196609
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

Manual Integrations
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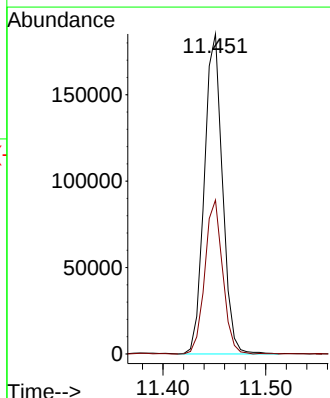
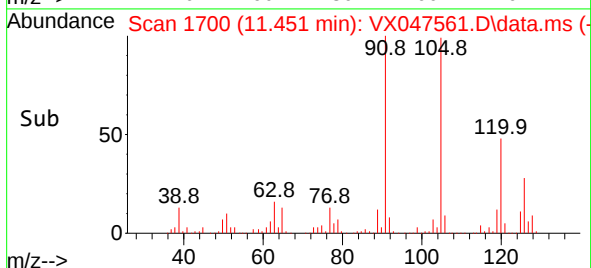
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

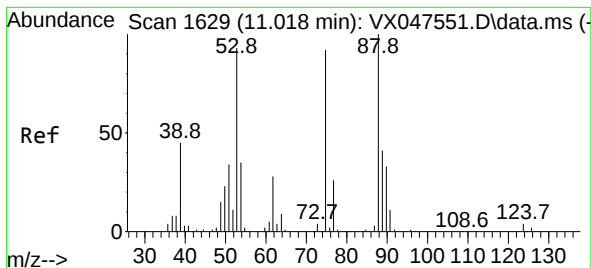


#80
1,3,5-Trimethylbenzene
Concen: 20.411 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29



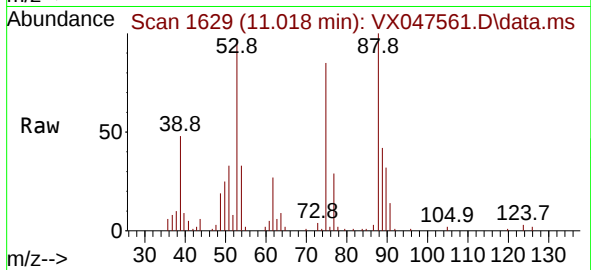
Tgt Ion:105 Resp: 227135
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.507 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

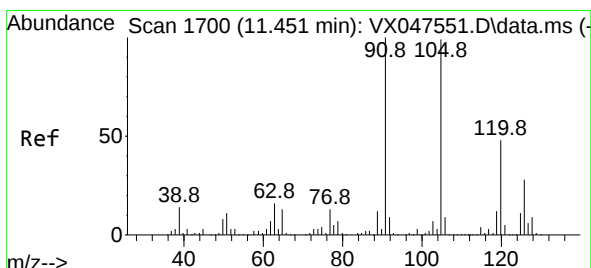
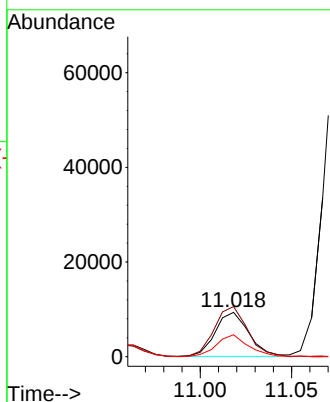
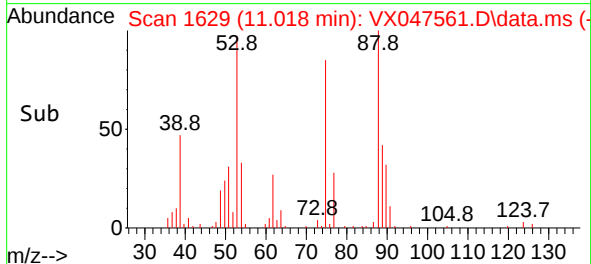
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



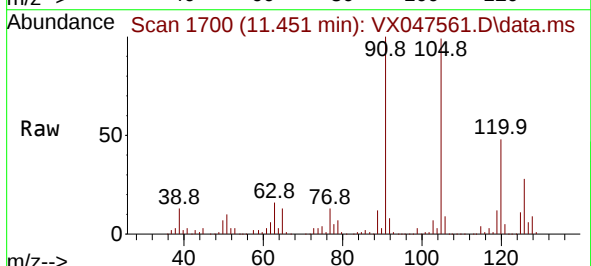
Tgt Ion: 75 Resp: 11820
Ion Ratio Lower Upper
75 100
53 112.4 85.7 128.5
89 47.9 36.4 54.6

Manual Integrations
APPROVED

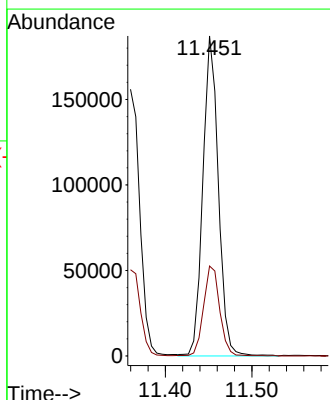
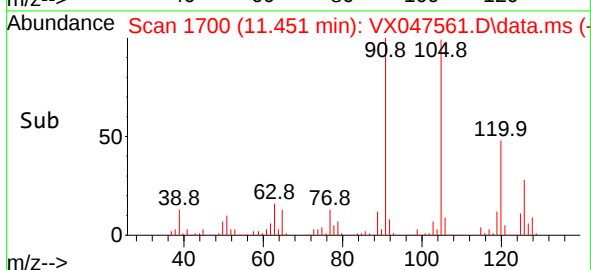
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

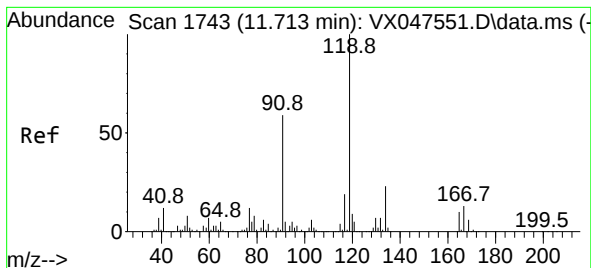


#82
4-Chlorotoluene
Concen: 19.700 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29



Tgt Ion: 91 Resp: 232287
Ion Ratio Lower Upper
91 100
126 29.0 14.6 43.8





#83

tert-Butylbenzene

Concen: 19.827 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

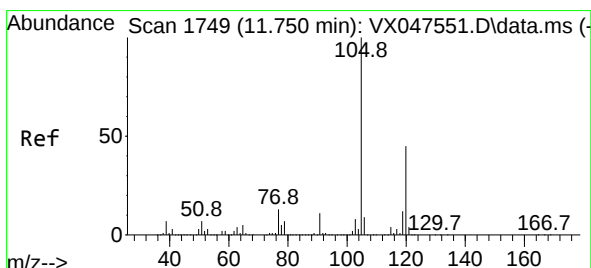
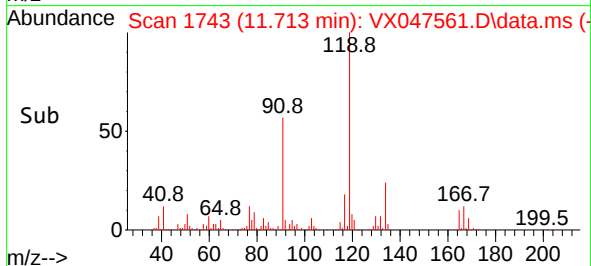
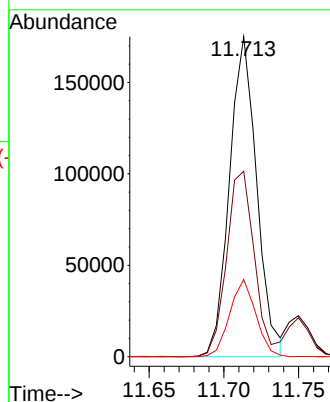
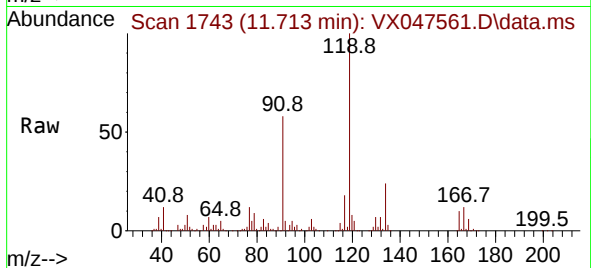
Tgt Ion:	119	Resp:	222420
Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.5	85.5
134	23.1	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.120 ug/l

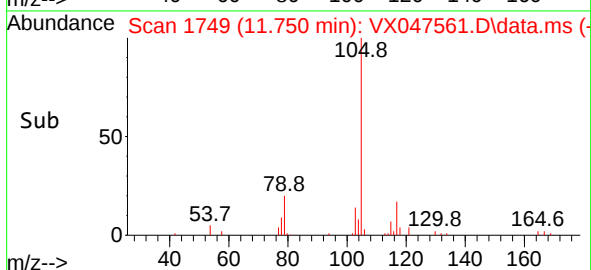
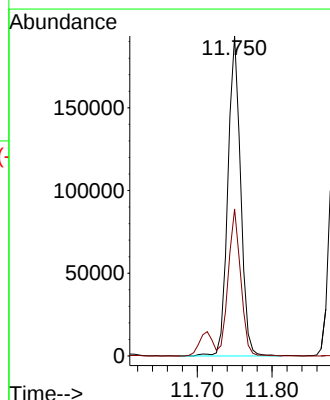
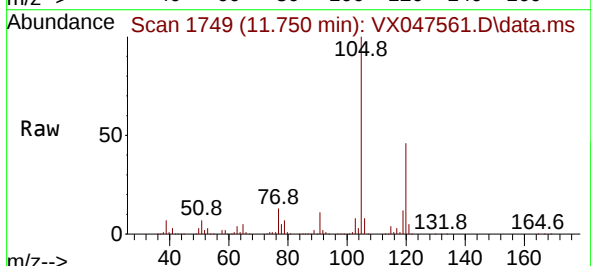
RT: 11.750 min Scan# 1749

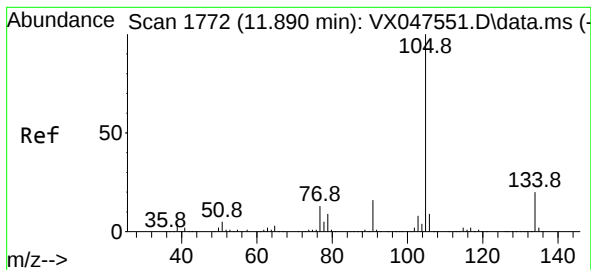
Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

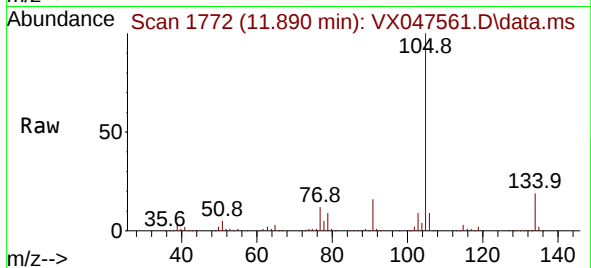
Tgt Ion:	105	Resp:	228228
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8





#85
 sec-Butylbenzene
 Concen: 20.424 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047561.D
 Acq: 29 Aug 2025 11:29

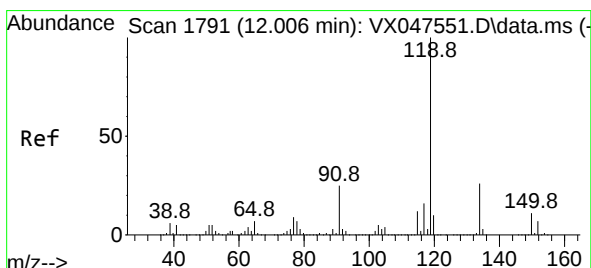
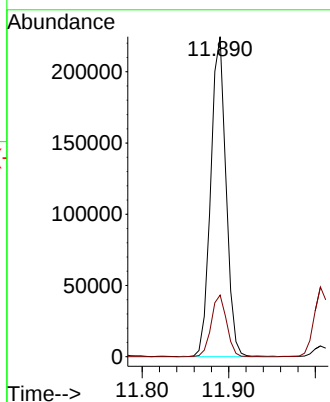
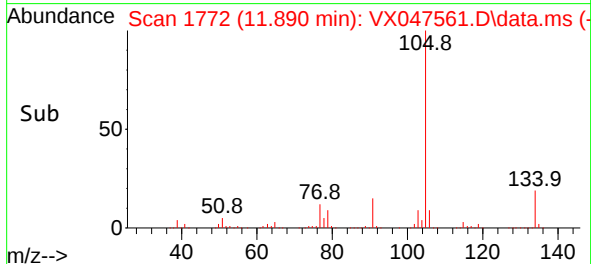
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD01



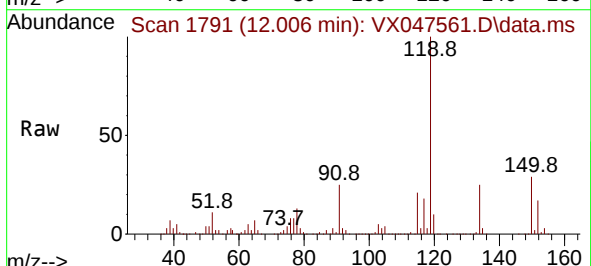
Tgt Ion:105 Resp: 27568
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

Manual Integrations
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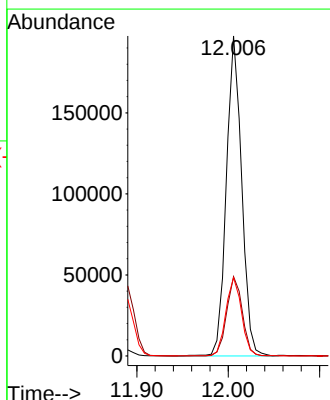
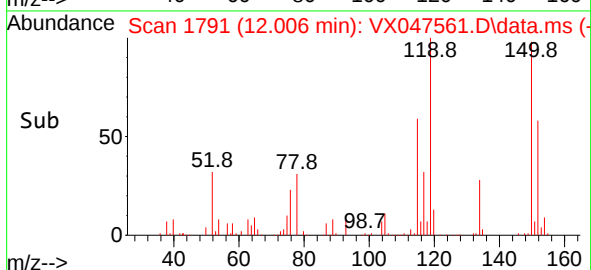
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

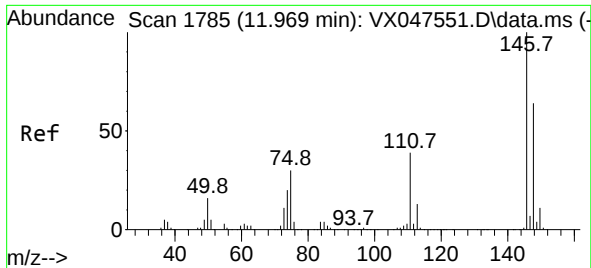


#86
 p-Isopropyltoluene
 Concen: 20.283 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047561.D
 Acq: 29 Aug 2025 11:29



Tgt Ion:119 Resp: 229492
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.668 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion:146 Resp: 127668

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.9

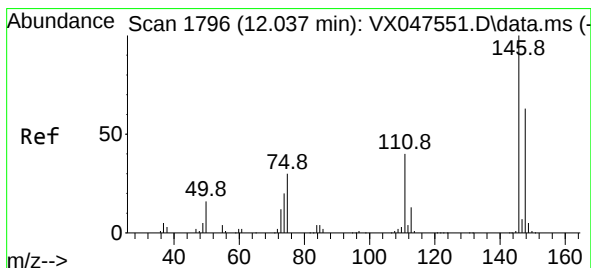
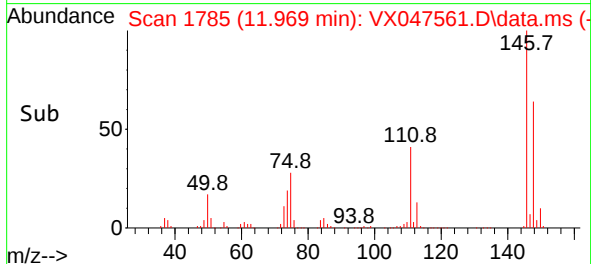
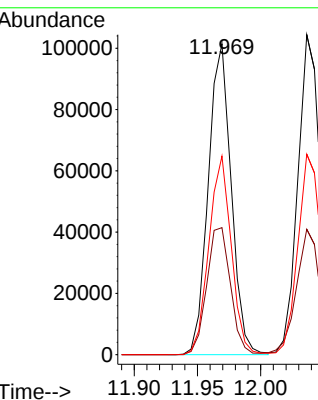
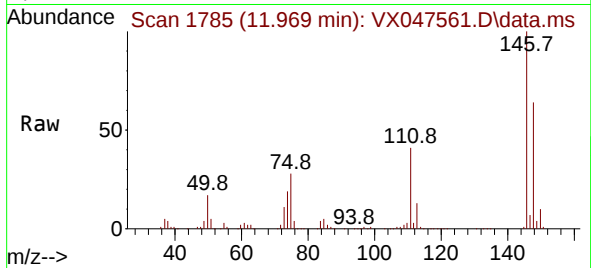
148 62.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#88

1,4-Dichlorobenzene

Concen: 19.501 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

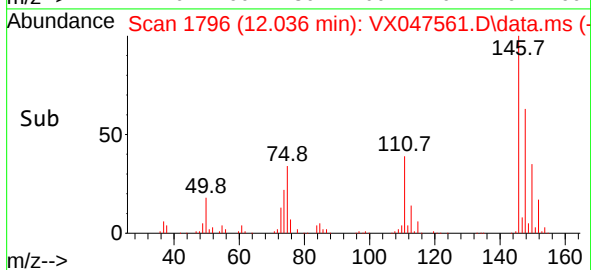
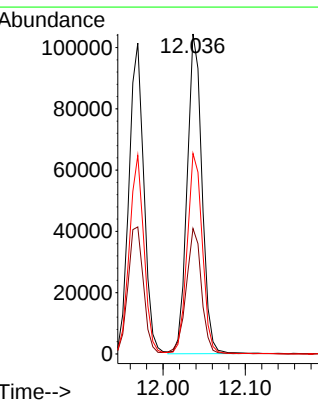
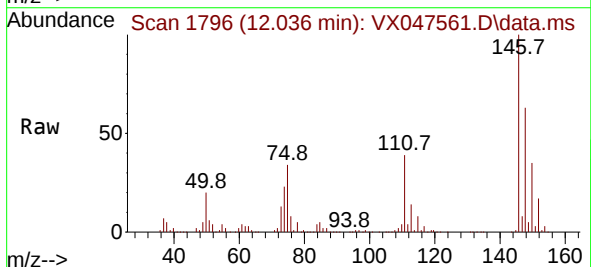
Tgt Ion:146 Resp: 130699

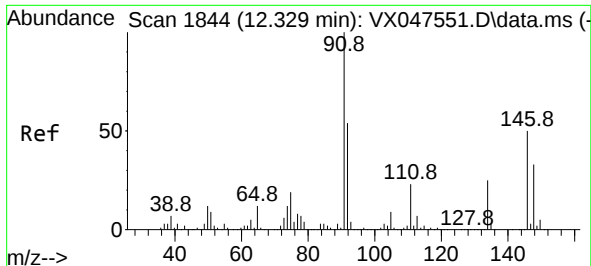
Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

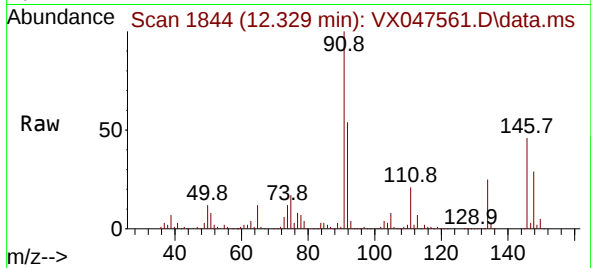
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 20.405 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047551.D
Acq: 29 Aug 2025 11:29

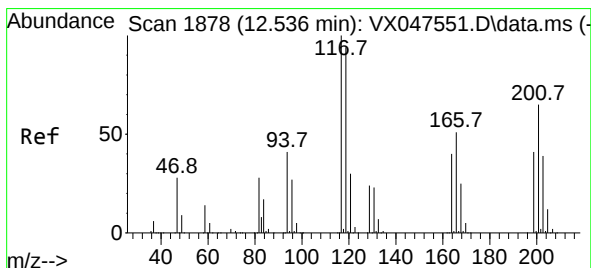
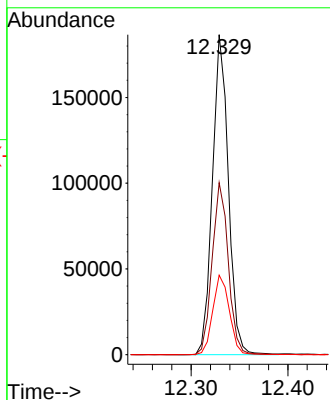
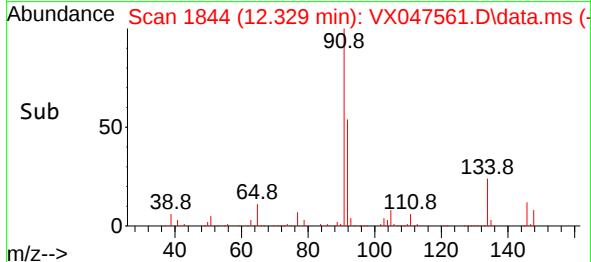
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion: 91 Resp: 21308
Ion Ratio Lower Upper
91 100
92 54.6 27.0 81.0
134 26.0 12.6 37.6

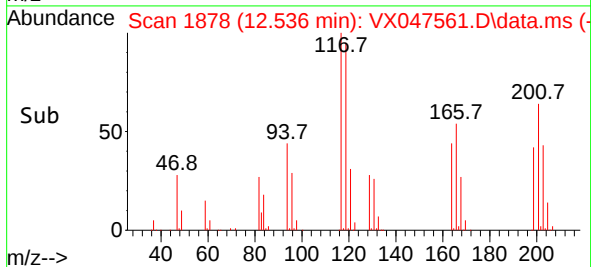
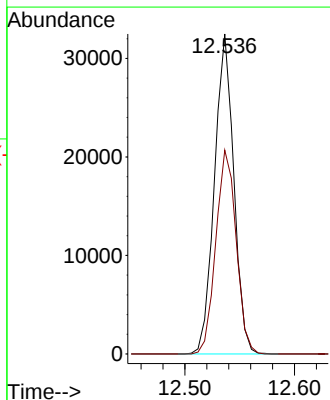
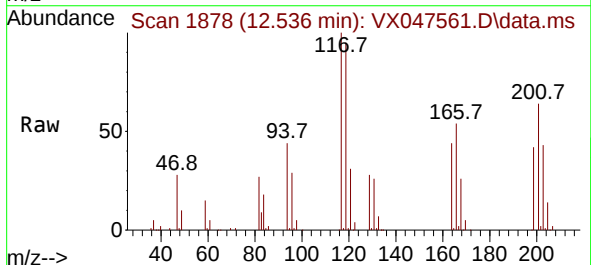
Manual Integrations
APPROVED

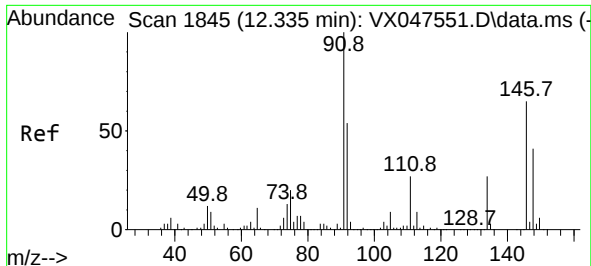
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#90
Hexachloroethane
Concen: 19.157 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

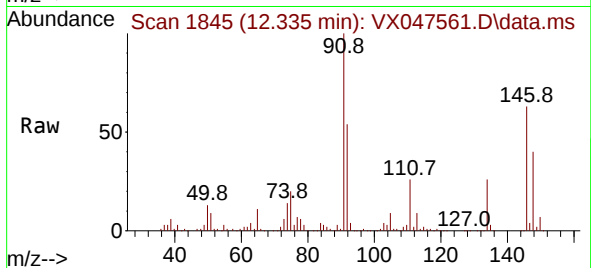
Tgt Ion:117 Resp: 39843
Ion Ratio Lower Upper
117 100
201 66.9 33.7 101.1





#91
1,2-Dichlorobenzene
Concen: 19.195 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

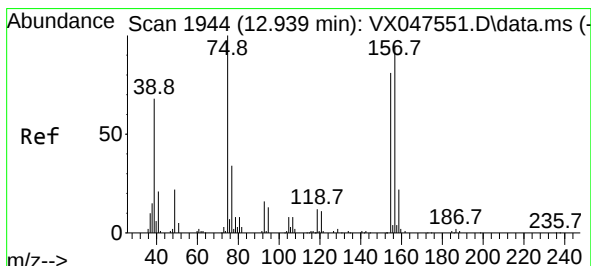
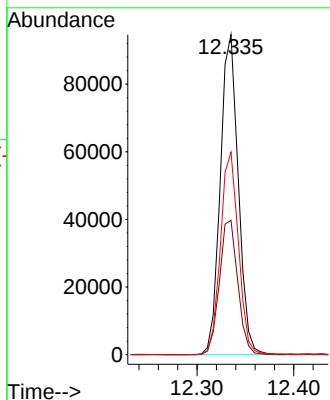
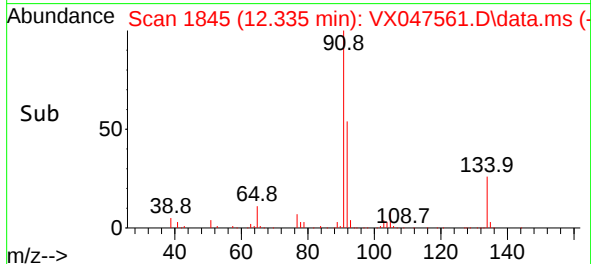
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:146 Resp: 122097
Ion Ratio Lower Upper
146 100
111 43.1 21.7 65.1
148 63.3 32.0 96.2

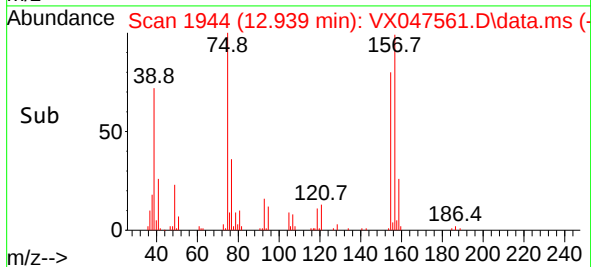
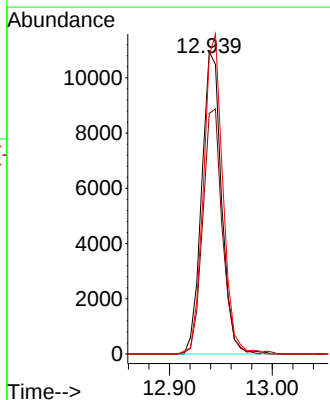
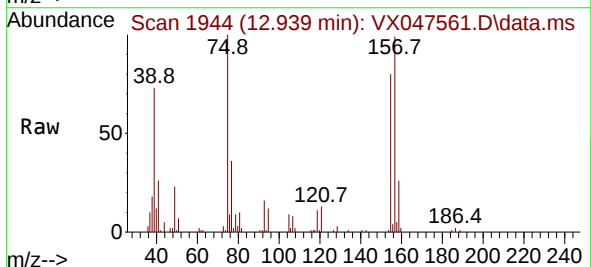
Manual Integrations
APPROVED

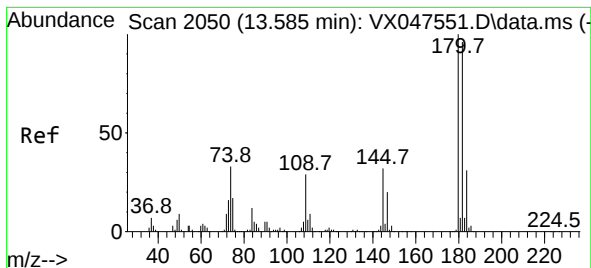
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.548 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion: 75 Resp: 14719
Ion Ratio Lower Upper
75 100
155 79.6 41.9 125.6
157 102.5 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.137 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBSD01

Tgt Ion:180 Resp: 78070

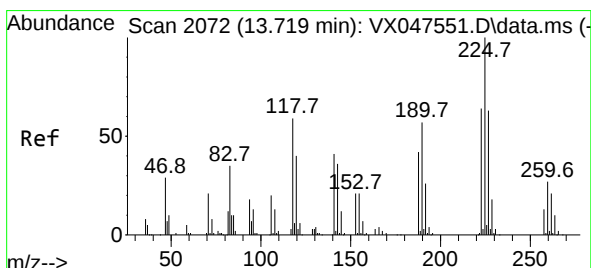
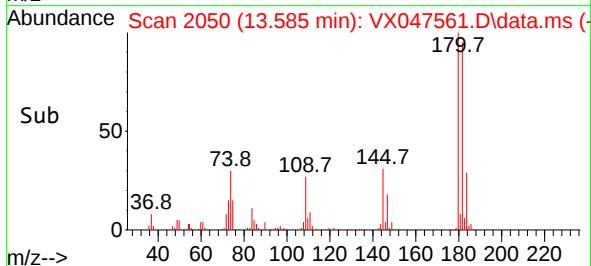
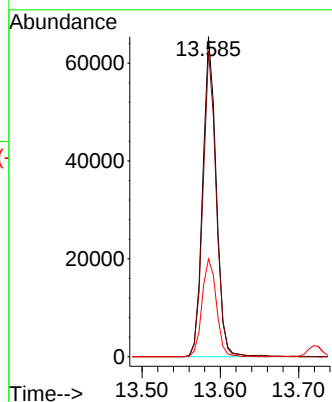
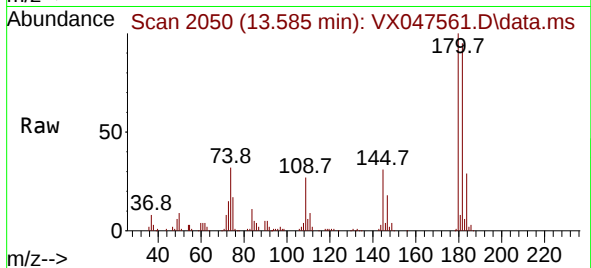
Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.7	143.1
145	32.4	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#94

Hexachlorobutadiene

Concen: 20.502 ug/l

RT: 13.725 min Scan# 2073

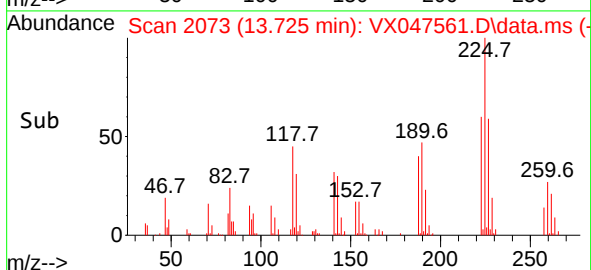
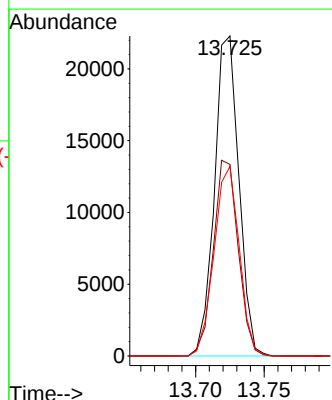
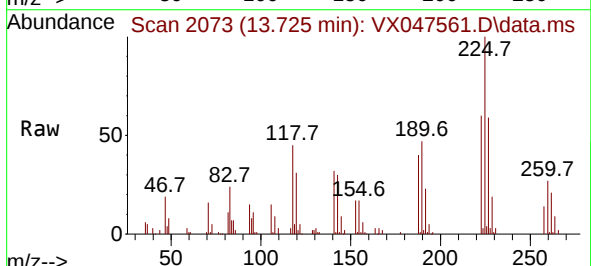
Delta R.T. 0.006 min

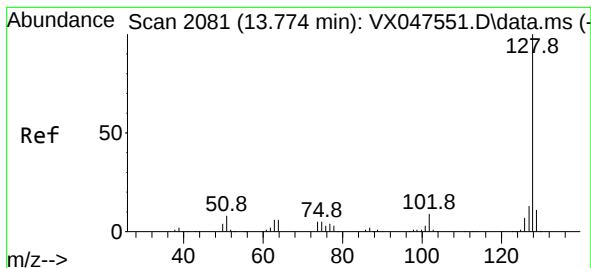
Lab File: VX047561.D

Acq: 29 Aug 2025 11:29

Tgt Ion:225 Resp: 27630

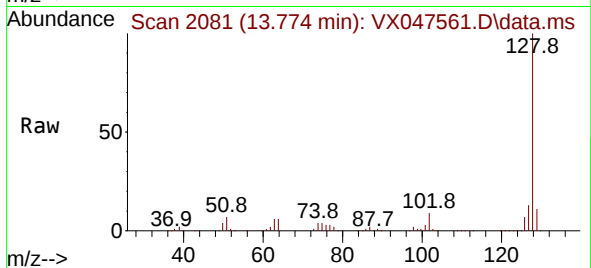
Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.5
227	61.1	31.8	95.3





#95
Naphthalene
Concen: 19.586 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

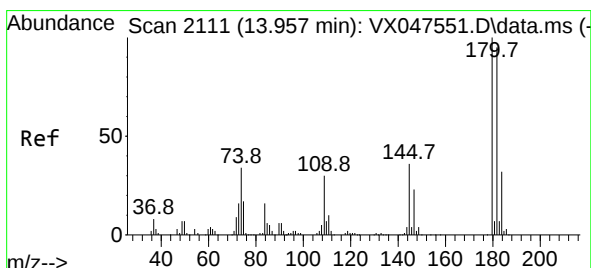
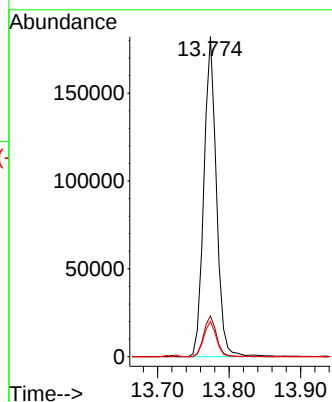
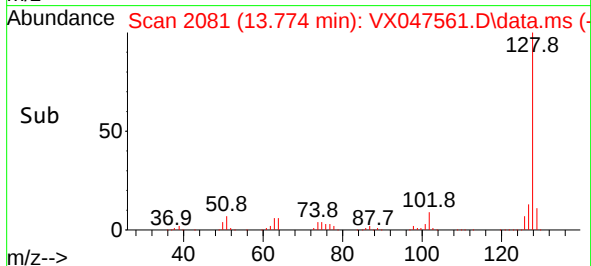
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01



Tgt Ion:128 Resp: 221980
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.065 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047561.D
Acq: 29 Aug 2025 11:29

Tgt Ion:180 Resp: 73079
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.4
145 33.5 17.6 52.9

