

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048222.D
 Acq On : 17 Oct 2025 18:37
 Operator : JC/MD
 Sample : Q3361-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VOA 251015111-01

Quant Time: Oct 18 00:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	77358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	149050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	160262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	85672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	59908	49.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.980%
35) Dibromofluoromethane	5.373	113	51715	49.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	8.635	98	178701	47.952	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.061	95	79848	58.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.660%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	380	0.367	ug/l	96
7) Trichlorofluoromethane	2.117	101	337	0.207	ug/l	84
8) Diethyl Ether	2.136	74	3390	6.109	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.117	101	337	0.368	ug/l #	20
10) Methyl Iodide	2.465	142	300	0.273	ug/l #	89
11) Tert butyl alcohol	2.934	59	603235	7586.102	ug/l	100
13) Acrolein	2.373	56	83	0.497	ug/l #	1
14) Allyl chloride	2.636	41	6248	3.875	ug/l #	49
15) Acrylonitrile	2.934	53	6117	16.054	ug/l #	24
16) Acetone	2.373	43	710298	1737.431	ug/l	98
17) Carbon Disulfide	2.520	76	5536	2.007	ug/l #	94
18) Methyl Acetate	2.703	43	6727	8.079	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	7420	2.748	ug/l	98
20) Methylene Chloride	2.794	84	1636	1.643	ug/l #	95
25) 2-Butanone	4.538	43	1152093	2418.872	ug/l	96
26) 2,2-Dichloropropane	4.538	77	27164	17.742	ug/l #	54
27) cis-1,2-Dichloroethene	4.477	96	1443	1.311	ug/l #	16
28) Bromochloromethane	4.983	49	949	1.149	ug/l #	15
29) Tetrahydrofuran	4.983	42	224899	804.051	ug/l	97
37) Ethyl Acetate	4.538	43	1152093	989.265	ug/l #	72
38) Carbon Tetrachloride	5.538	117	8112	4.850	ug/l #	17
40) Benzene	6.025	78	24694	5.707	ug/l	96
41) Methacrylonitrile	4.983	41	149374	239.493	ug/l #	43
42) 1,2-Dichloroethane	6.080	62	3052	1.969	ug/l	97
43) Isopropyl Acetate	6.330	43	5184	2.652	ug/l #	89
45) 1,2-Dichloropropane	7.421	63	265	0.242	ug/l #	45
48) Methyl methacrylate	7.690	41	2346	2.344	ug/l #	86
49) 1,4-Dioxane	7.653	88	1051	116.671	ug/l #	68
51) 4-Methyl-2-Pentanone	8.555	43	14780	13.586	ug/l	93
52) Toluene	8.702	92	51376	19.754	ug/l	99
55) 1,1,2-Trichloroethane	9.067	97	383	0.395	ug/l #	14
56) Ethyl methacrylate	9.104	69	1351	1.024	ug/l #	85
59) 2-Hexanone	9.226	43	5968	7.843	ug/l	77
65) Chlorobenzene	10.061	112	7237	2.065	ug/l	98
67) Ethyl Benzene	10.177	91	71926	11.973	ug/l	99
68) m/p-Xylenes	10.281	106	26701	11.931	ug/l	99

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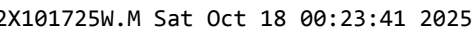
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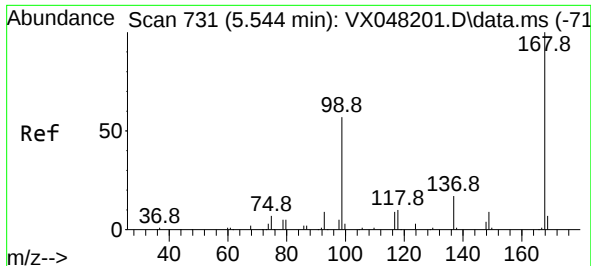
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	10.628	106	14497	6.881	ug/l	98
70) Styrene	10.640	104	3602	0.993	ug/l #	45
73) Isopropylbenzene	10.945	105	10249	1.720	ug/l	98
74) N-amyl acetate	10.829	43	465	0.209	ug/l #	74
76) 1,2,3-Trichloropropane	11.061	75	42806	32.720	ug/l #	34
78) n-propylbenzene	11.287	91	3910	0.541	ug/l	96
79) 2-Chlorotoluene	11.360	91	2381	0.545	ug/l	78
80) 1,3,5-Trimethylbenzene	11.433	105	5059	1.034	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.061	75	42806	80.120	ug/l #	10
82) 4-Chlorotoluene	11.360	91	2381	0.464	ug/l	85
83) tert-Butylbenzene	11.951	119	1722	0.348	ug/l	91
84) 1,2,4-Trimethylbenzene	11.732	105	19525	4.009	ug/l	97
86) p-Isopropyltoluene	11.988	119	49441	9.709	ug/l	98
87) 1,3-Dichlorobenzene	12.024	146	9849	3.532	ug/l	89
88) 1,4-Dichlorobenzene	12.024	146	9849	3.407	ug/l	89
89) n-Butylbenzene	12.305	91	1127	0.238	ug/l #	52
90) Hexachloroethane	12.512	117	391	0.364	ug/l #	16
91) 1,2-Dichlorobenzene	12.317	146	703	0.267	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.945	75	211	0.684	ug/l #	1
95) Naphthalene	13.756	128	135413	33.028	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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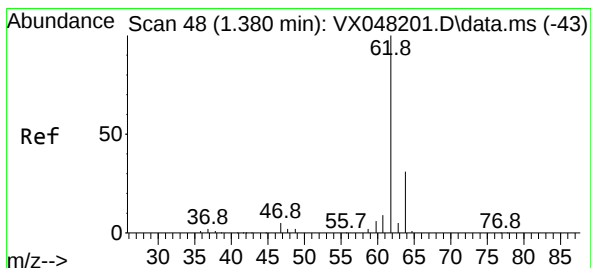
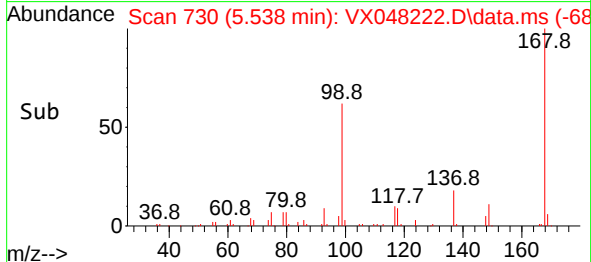
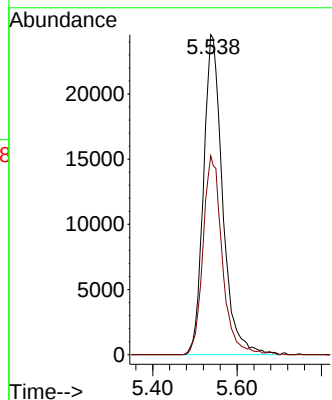
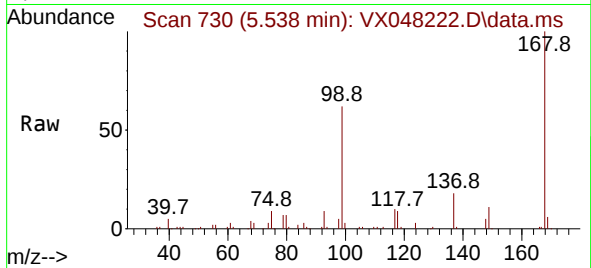




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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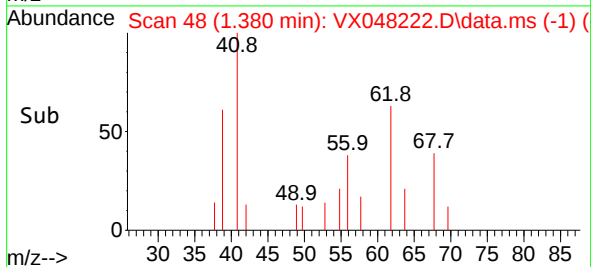
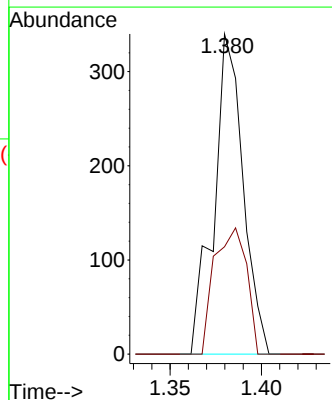
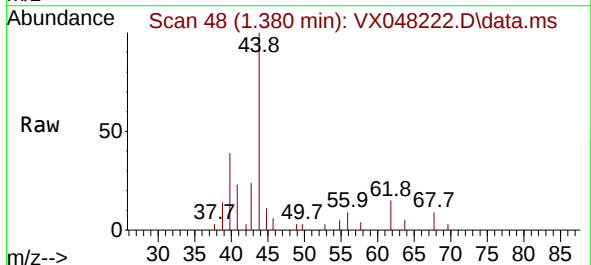
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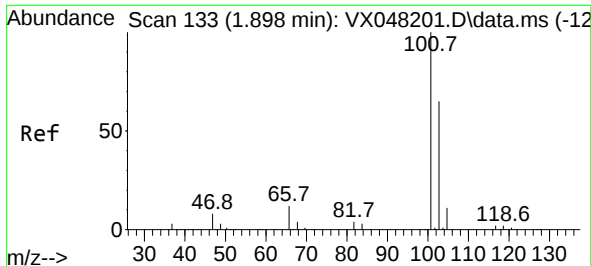
Tgt Ion:168 Resp: 77358
Ion Ratio Lower Upper
168 100
99 62.1 46.4 69.6



#4
Vinyl Chloride
Concen: 0.367 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 62 Resp: 380
Ion Ratio Lower Upper
62 100
64 33.5 25.1 37.7

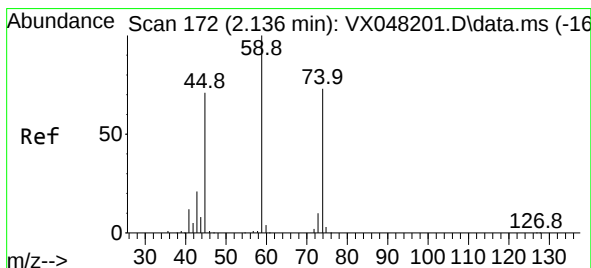
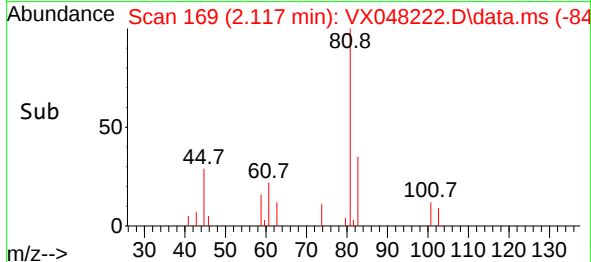
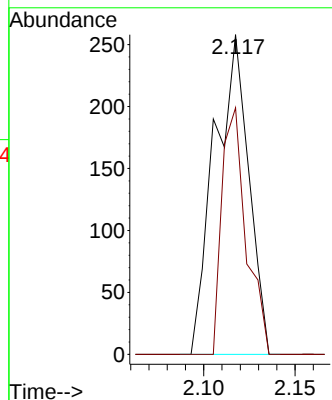
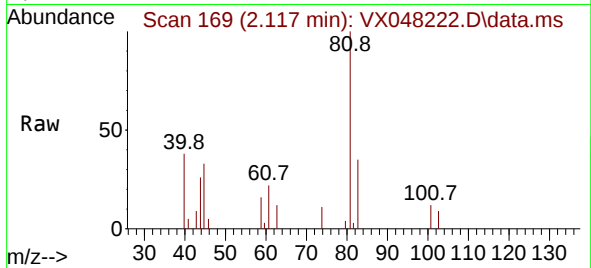




#7
Trichlorofluoromethane
Concen: 0.207 ug/l
RT: 2.117 min Scan# 1
Delta R.T. 0.219 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

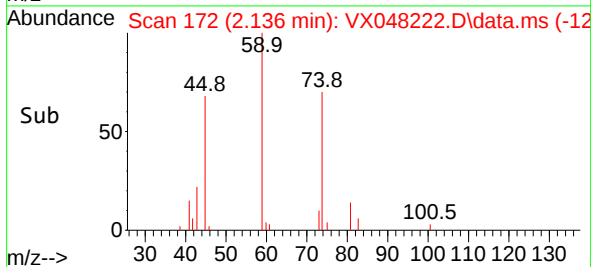
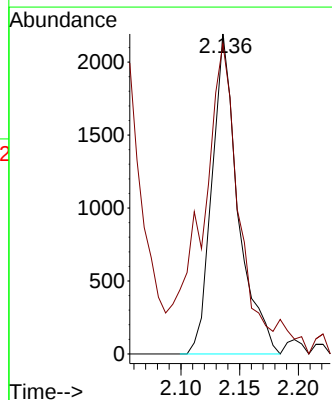
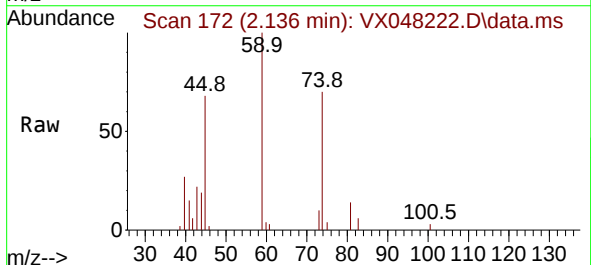
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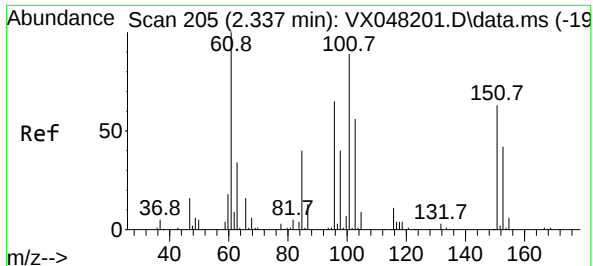
Tgt Ion:101 Resp: 337
Ion Ratio Lower Upper
101 100
103 77.1 51.6 77.4



#8
Diethyl Ether
Concen: 6.109 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 74 Resp: 3390
Ion Ratio Lower Upper
74 100
45 117.7 50.0 149.8

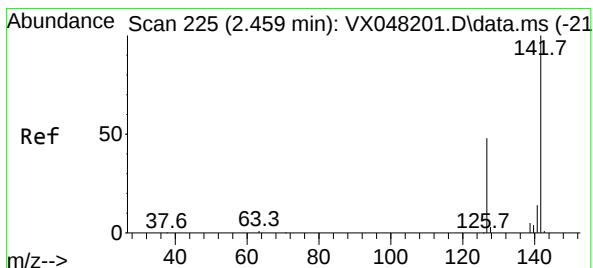
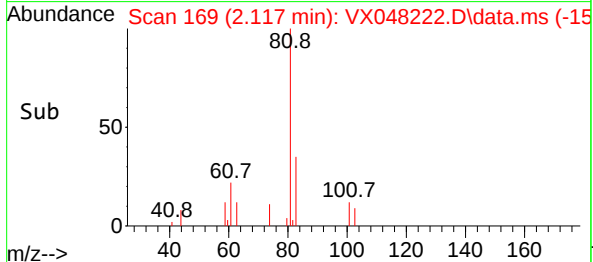
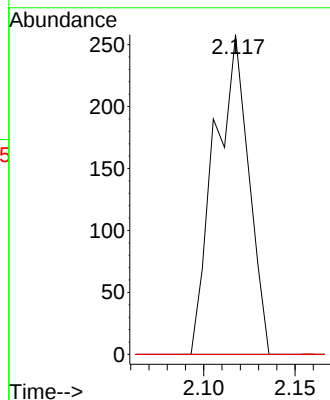
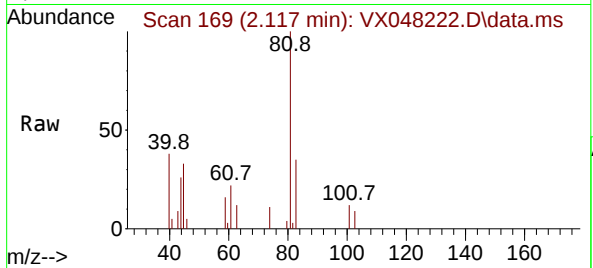




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.368 ug/l
RT: 2.117 min Scan# 1
Delta R.T. -0.220 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

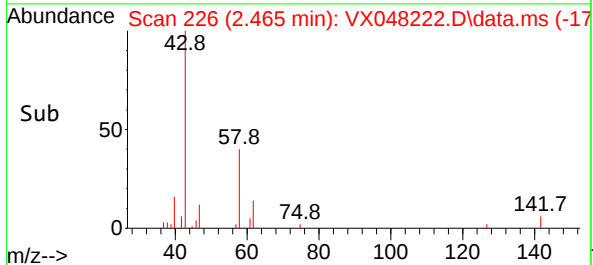
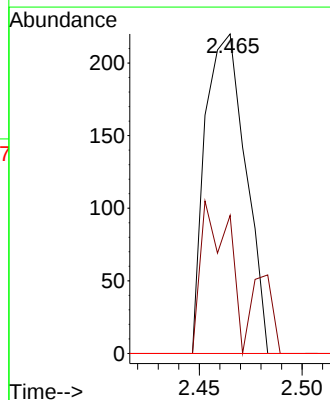
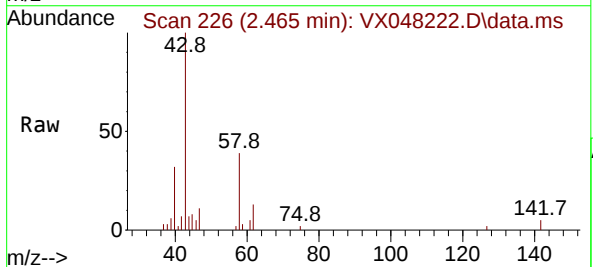
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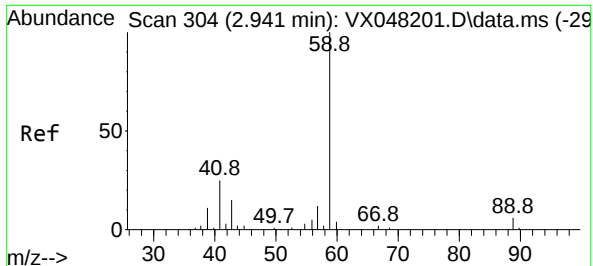
Tgt Ion:101 Resp: 337
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 58.0 87.0#



#10
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion:142 Resp: 300
Ion Ratio Lower Upper
142 100
127 45.7 38.5 57.7
141 0.0 11.6 17.4#

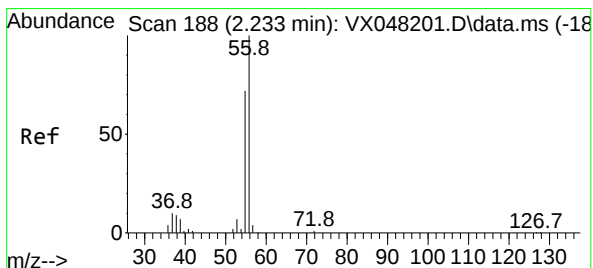
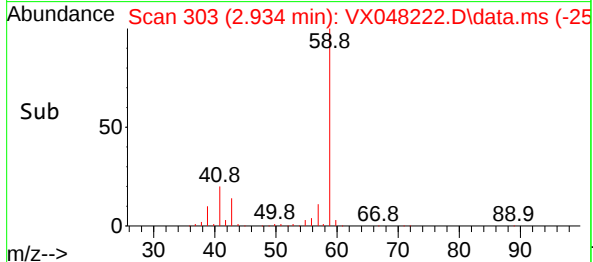
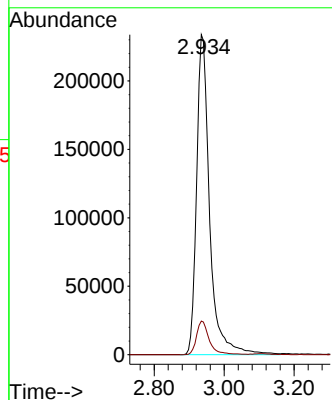
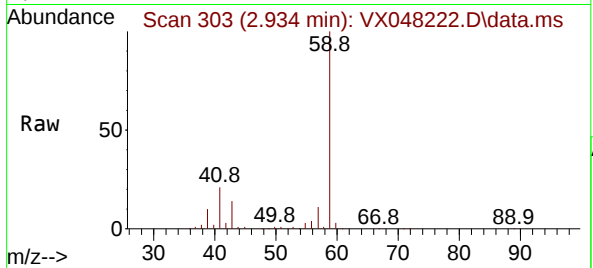




#11
Tert butyl alcohol
Concen: 7586.102 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

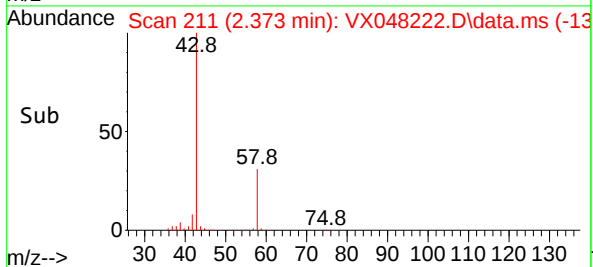
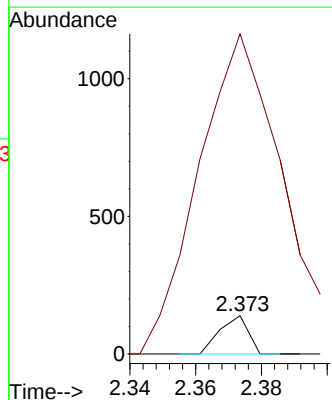
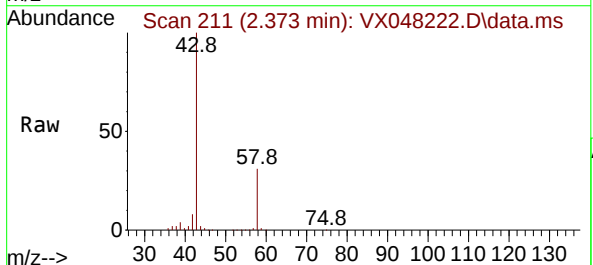
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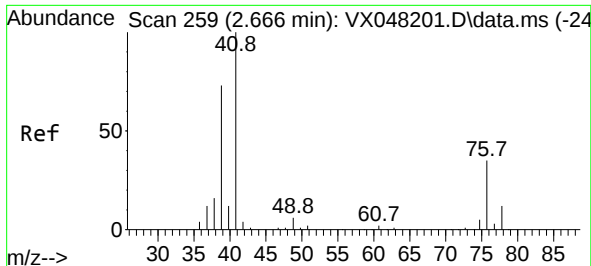
Tgt Ion: 59 Resp: 603235
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#13
Acrolein
Concen: 0.497 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.140 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 2757.8 56.1 84.1#

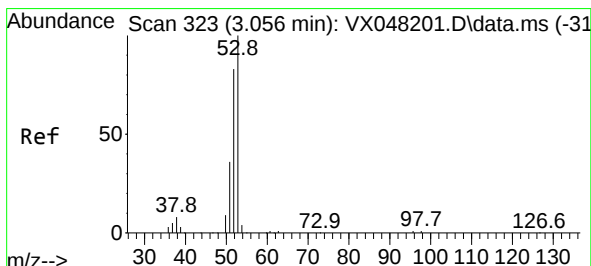
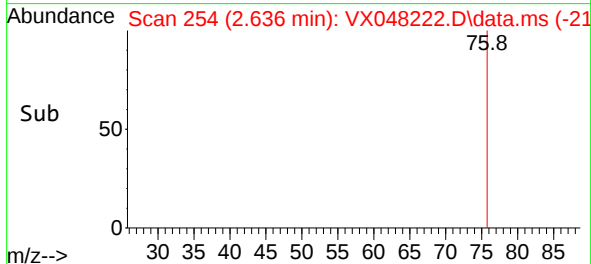
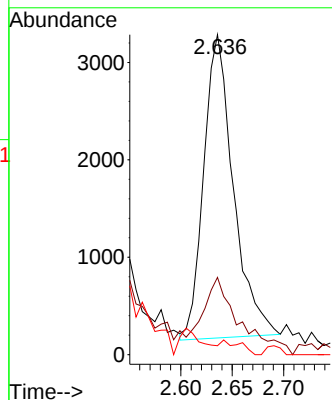
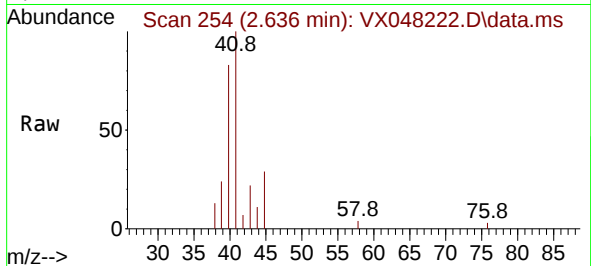




#14
 Allyl chloride
 Concen: 3.875 ug/l
 RT: 2.636 min Scan# 21
 Delta R.T. -0.031 min
 Lab File: VX048222.D
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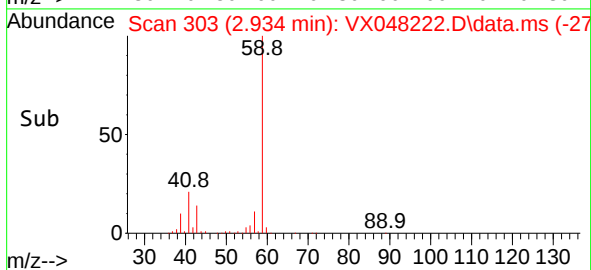
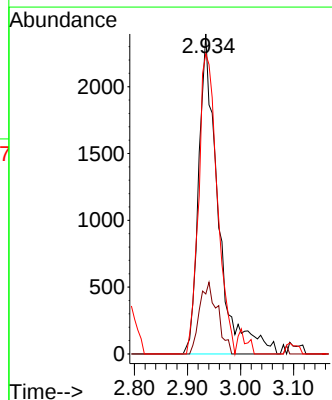
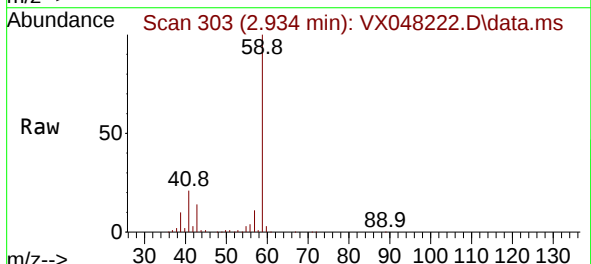
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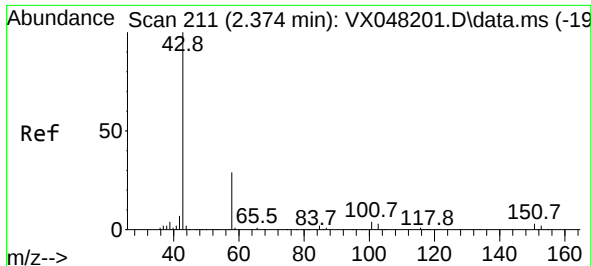
Tgt Ion: 41 Resp: 6248
 Ion Ratio Lower Upper
 41 100
 39 31.7 56.0 84.0#
 76 0.0 27.5 41.3#



#15
 Acrylonitrile
 Concen: 16.054 ug/l
 RT: 2.934 min Scan# 303
 Delta R.T. -0.122 min
 Lab File: VX048222.D
 Acq: 17 Oct 2025 18:37

Tgt Ion: 53 Resp: 6117
 Ion Ratio Lower Upper
 53 100
 52 20.5 66.1 99.1#
 51 89.3 29.0 43.4#

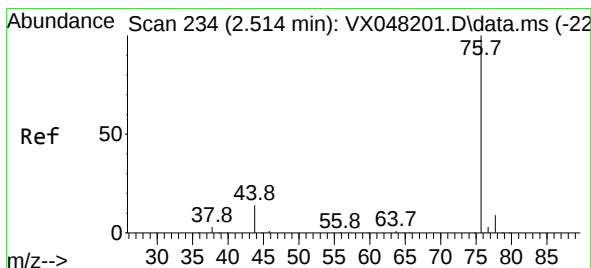
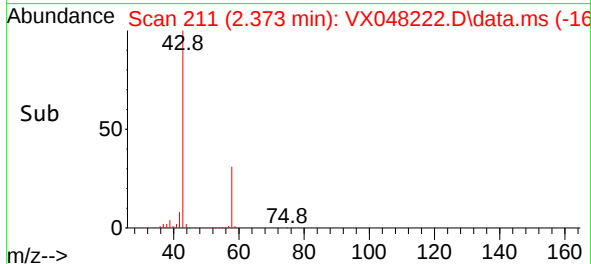
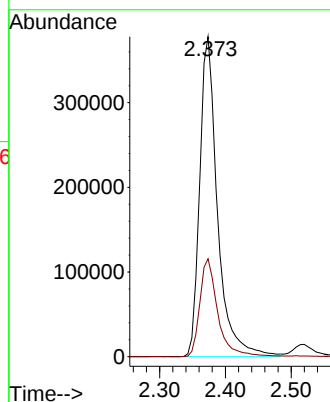
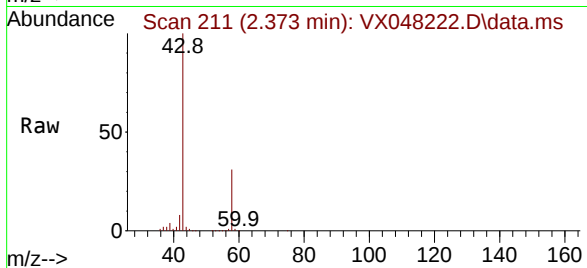




#16
Acetone
Concen: 1737.431 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048222.D
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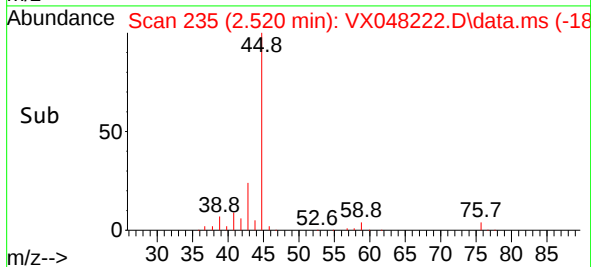
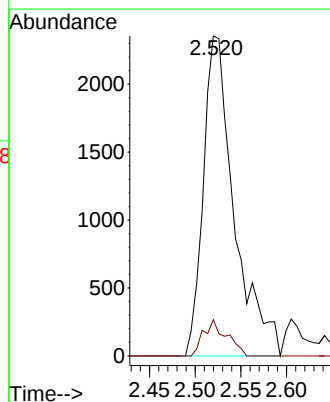
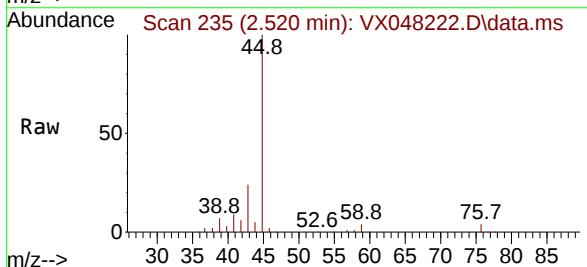
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ClientSampleId :
VOA 251015111-01

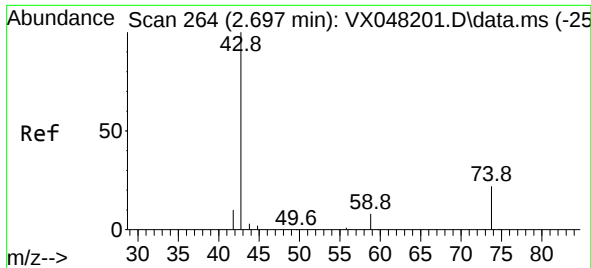
Tgt Ion: 43 Resp: 710298
Ion Ratio Lower Upper
43 100
58 30.6 23.4 35.2



#17
Carbon Disulfide
Concen: 2.007 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 76 Resp: 5536
Ion Ratio Lower Upper
76 100
78 11.1 7.1 10.7#

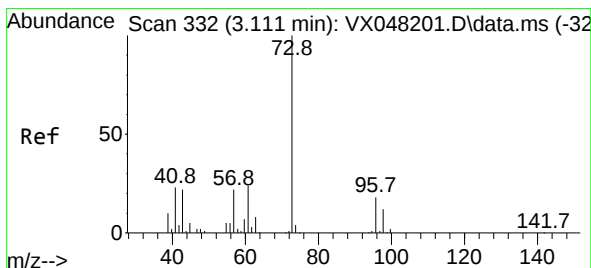
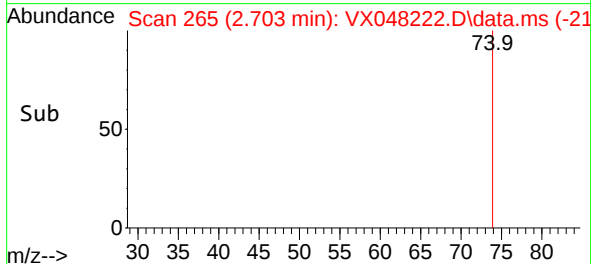
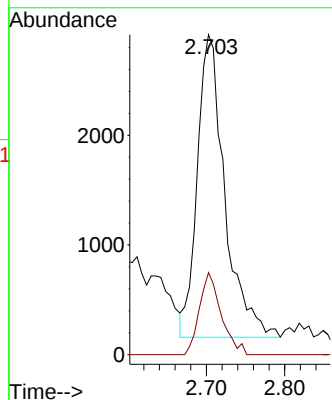
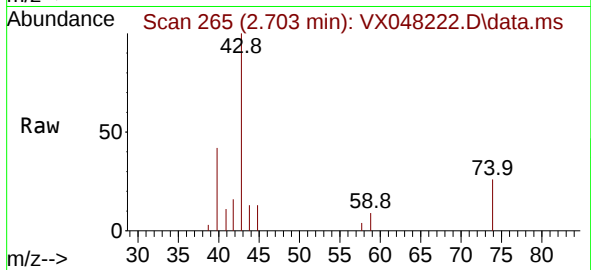




#18
Methyl Acetate
Concen: 8.079 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

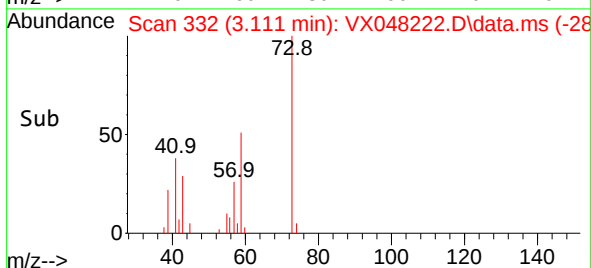
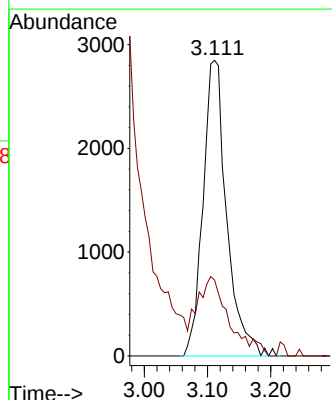
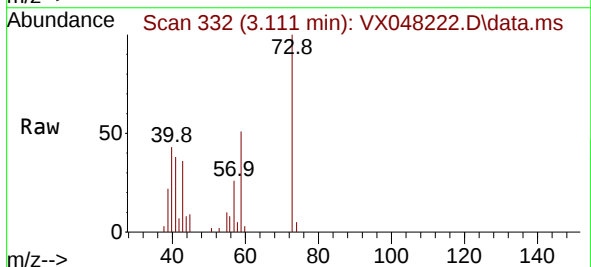
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

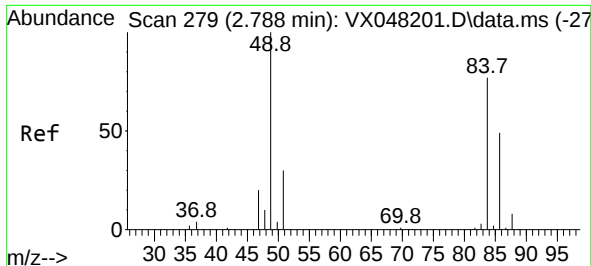
Tgt Ion: 43 Resp: 6727
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3



#19
Methyl tert-butyl Ether
Concen: 2.748 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 73 Resp: 7420
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

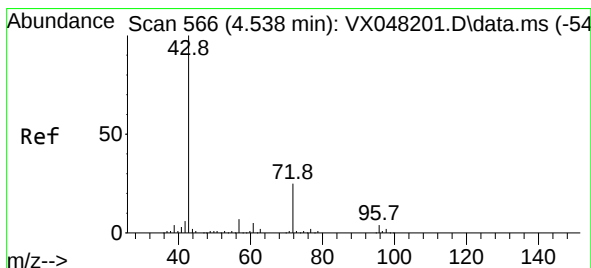
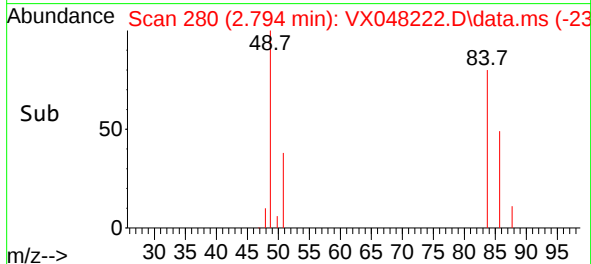
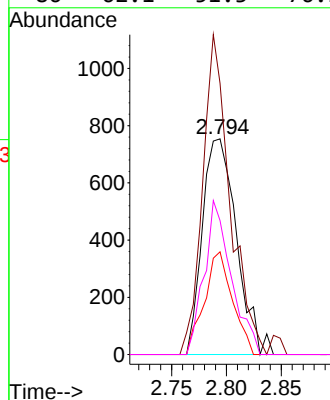
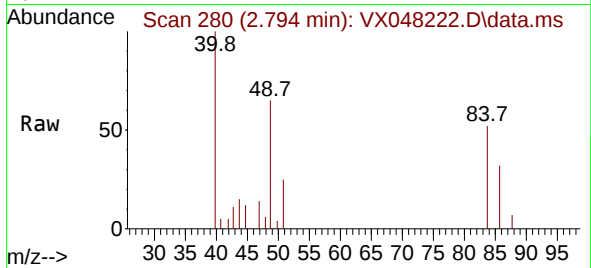




#20
Methylene Chloride
Concen: 1.643 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

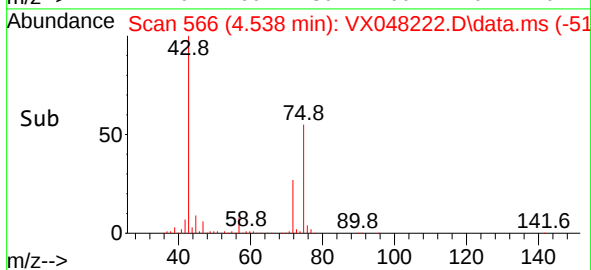
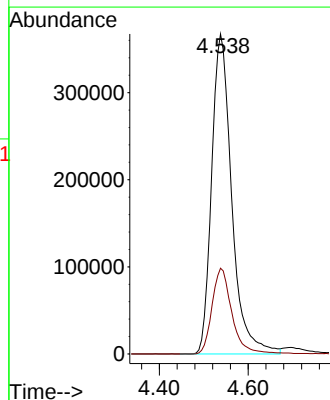
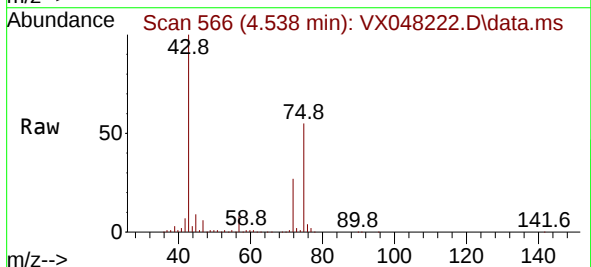
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

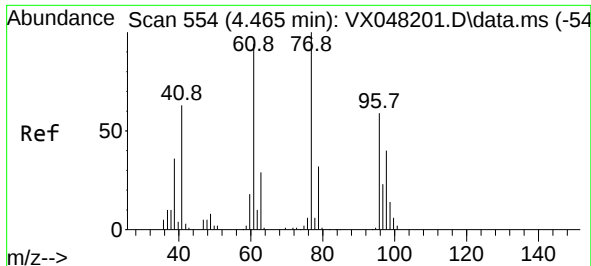
Tgt Ion:	84	Resp:	1636
Ion	Ratio	Lower	Upper
84	100		
49	125.7	104.1	156.1
51	47.6	31.3	46.9#
86	62.1	51.3	76.9



#25
2-Butanone
Concen: 2418.872 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion:	43	Resp:	1152093
Ion	Ratio	Lower	Upper
43	100		
72	26.8	19.9	29.9

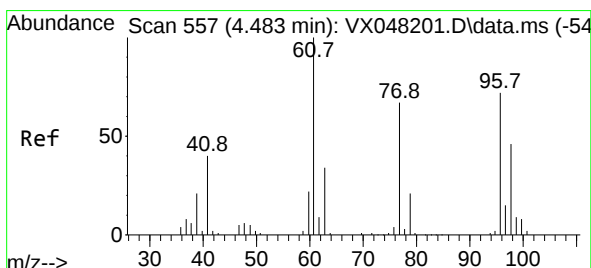
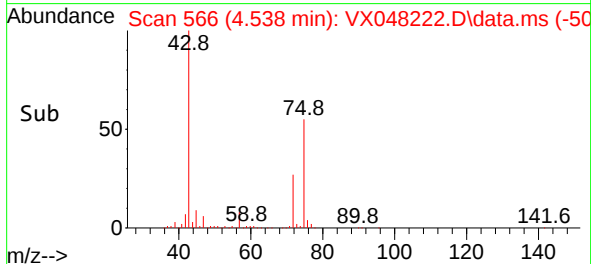
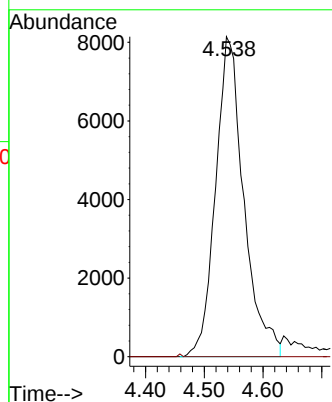
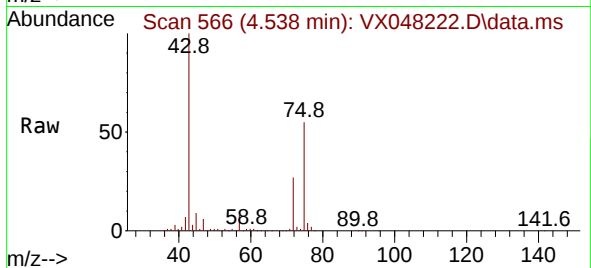




#26
2,2-Dichloropropane
Concen: 17.742 ug/l
RT: 4.538 min Scan# 556
Delta R.T. 0.073 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

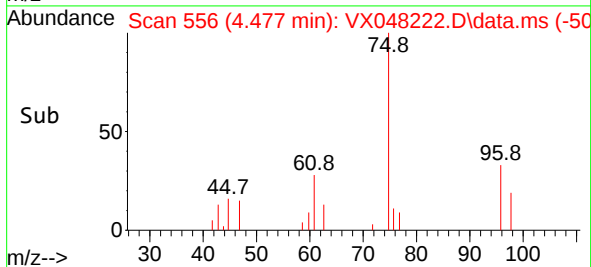
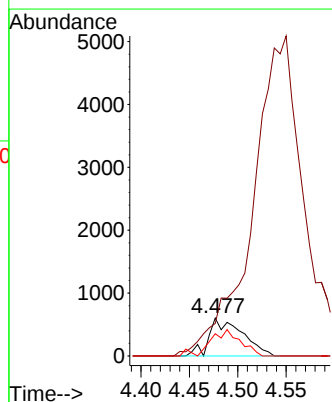
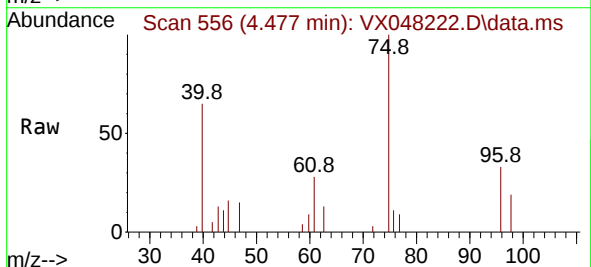
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

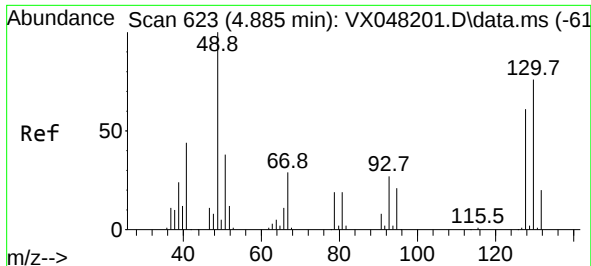
Tgt Ion: 77 Resp: 27164
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.3#



#27
cis-1,2-Dichloroethene
Concen: 1.311 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 96 Resp: 1443
Ion Ratio Lower Upper
96 100
61 0.0 0.0 294.2
98 59.0 0.0 128.4





#28

Bromochloromethane

Concen: 1.149 ug/l

RT: 4.983 min Scan# 61

Delta R.T. 0.097 min

Lab File: VX048222.D

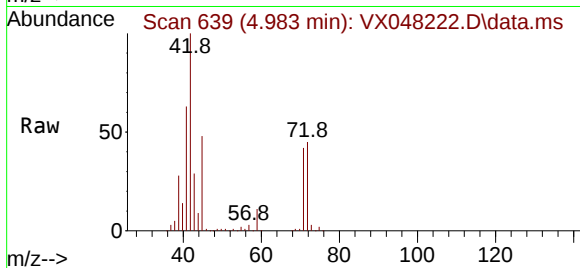
Acq: 17 Oct 2025 18:37

Instrument :

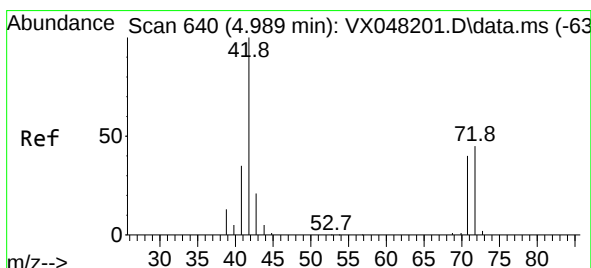
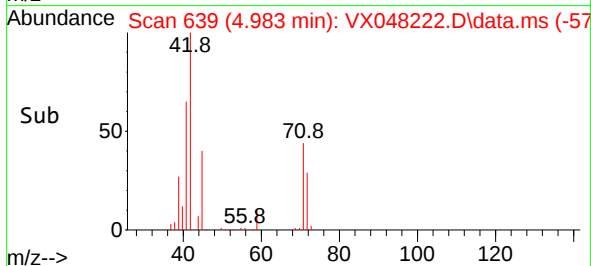
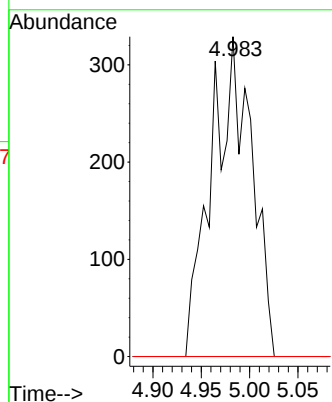
MSVOA_X

ClientSampleId :

VOA 251015111-01



Tgt Ion:	49	Resp:	949
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.4
130	0.0	59.3	88.9#



#29

Tetrahydrofuran

Concen: 804.051 ug/l

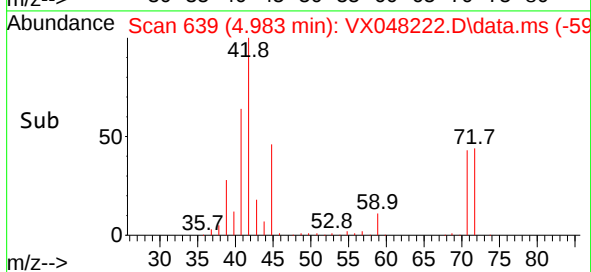
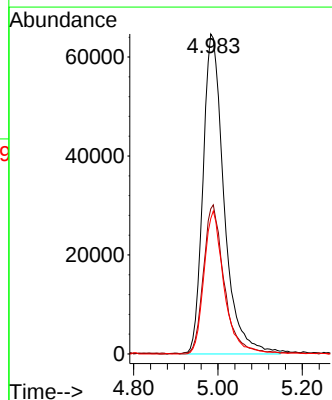
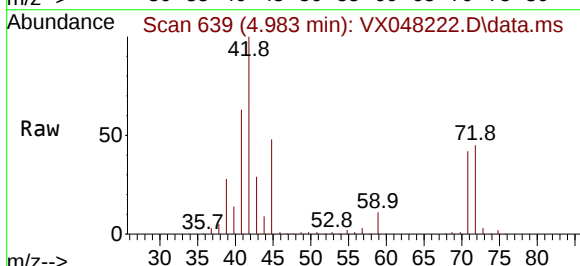
RT: 4.983 min Scan# 639

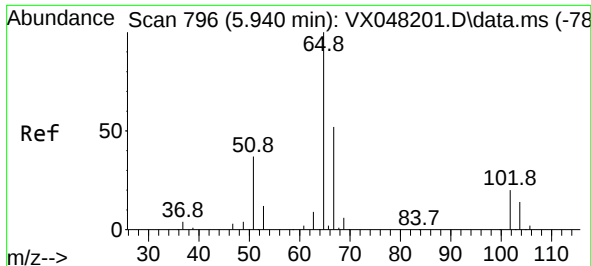
Delta R.T. -0.006 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Tgt Ion:	42	Resp:	224899
Ion Ratio	Lower	Upper	
42	100		
72	45.4	35.3	52.9
71	42.8	32.2	48.4





#33

1,2-Dichloroethane-d4

Concen: 49.989 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

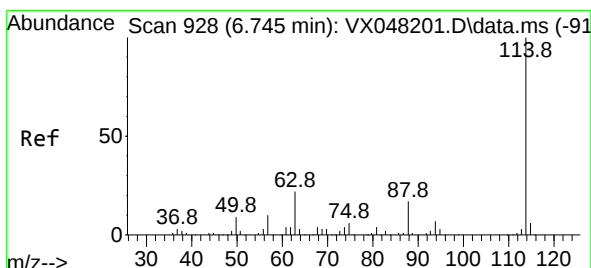
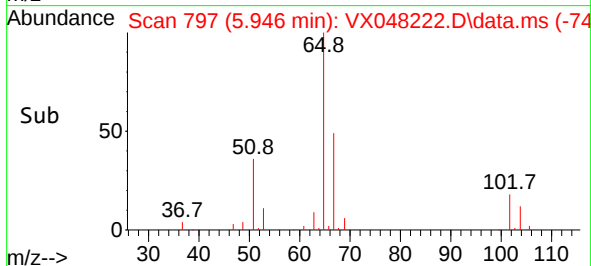
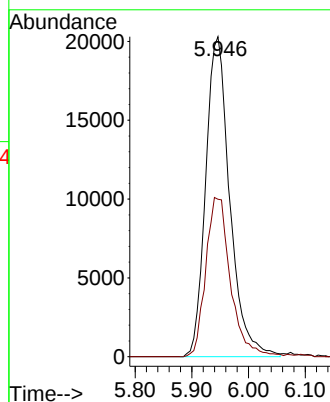
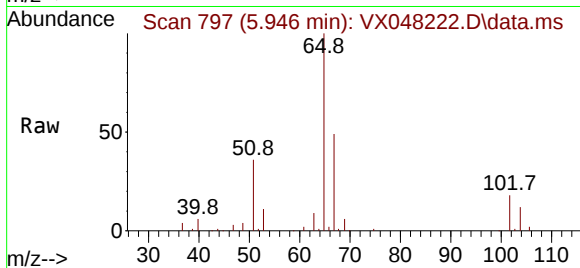
VOA 251015111-01

Tgt Ion: 65 Resp: 59908

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

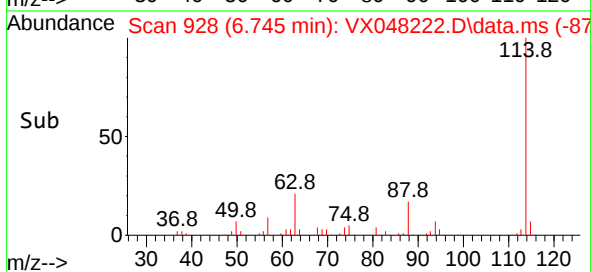
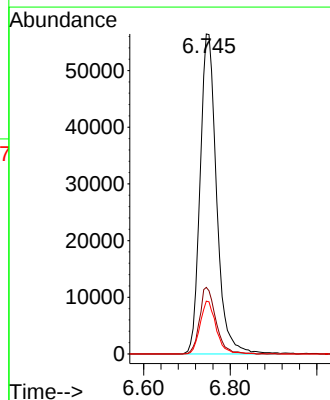
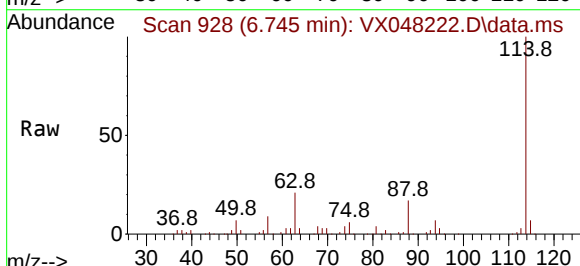
Tgt Ion: 114 Resp: 149050

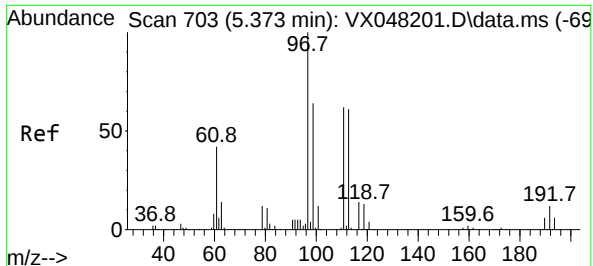
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.5 0.0 33.6

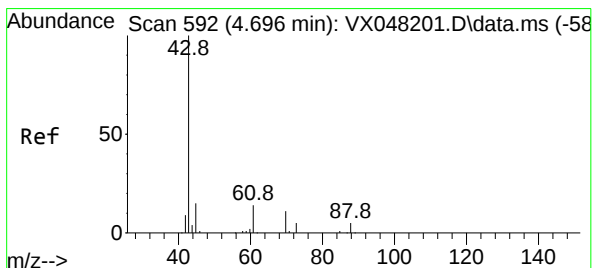
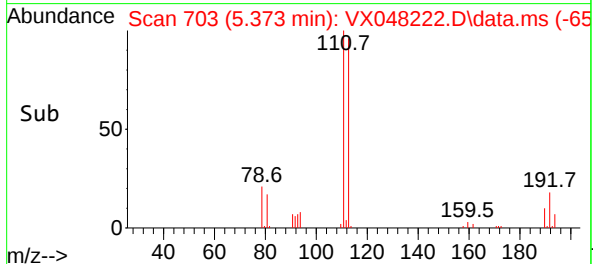
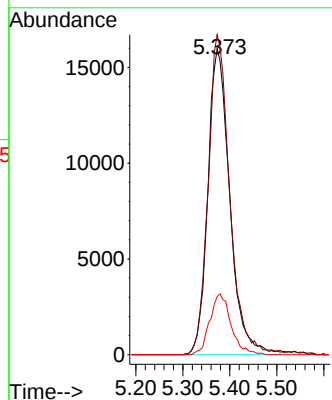
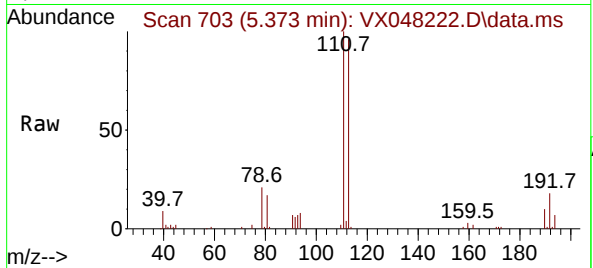




#35
Dibromofluoromethane
Concen: 49.993 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

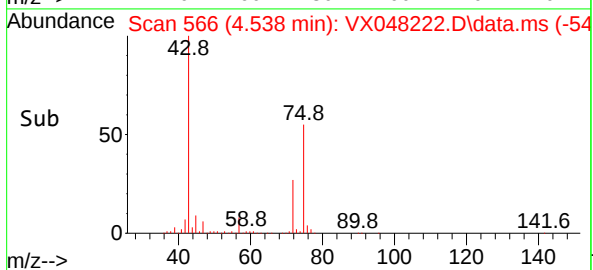
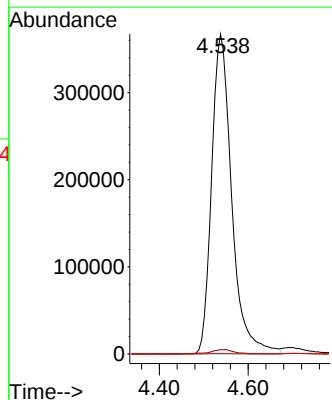
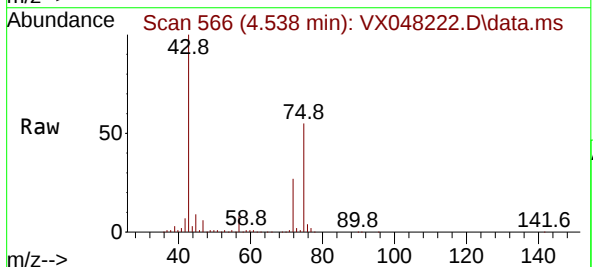
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

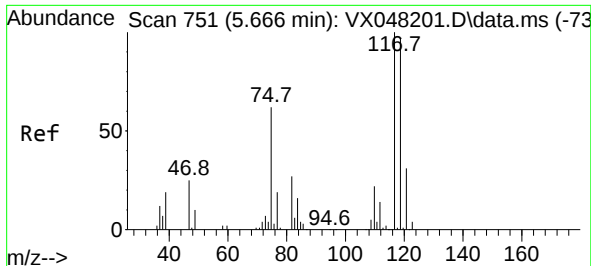
Tgt Ion:113 Resp: 51715
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.2 15.1 22.7



#37
Ethyl Acetate
Concen: 989.265 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.159 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

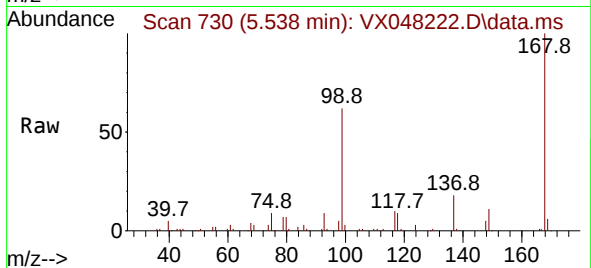
Tgt Ion: 43 Resp: 1152093
Ion Ratio Lower Upper
43 100
61 1.7 10.6 15.8#
70 0.0 7.8 11.6#



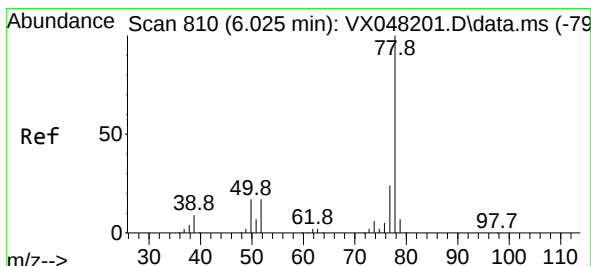
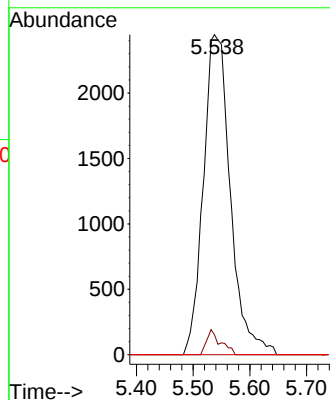
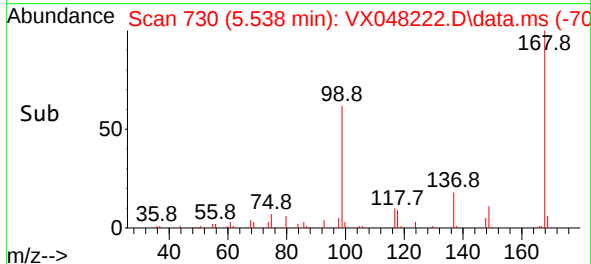


#38
Carbon Tetrachloride
Concen: 4.850 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

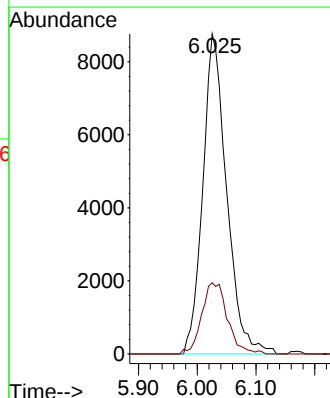
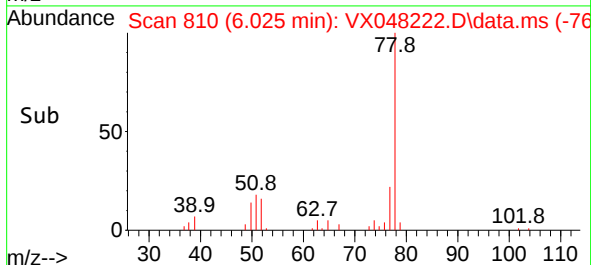
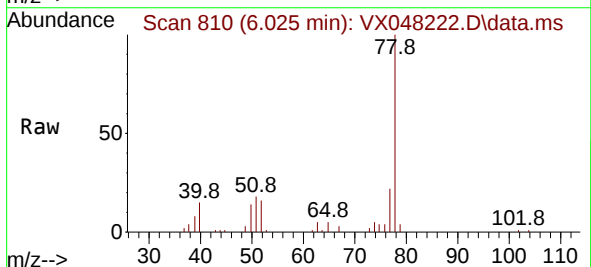


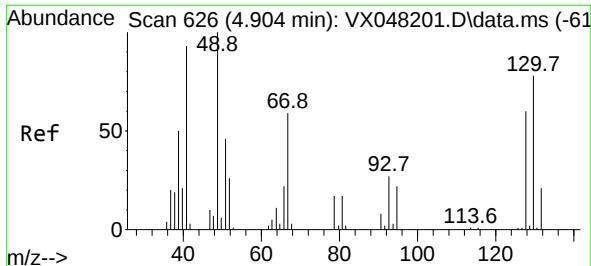
Tgt Ion:117 Resp: 8112
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 5.707 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 78 Resp: 24694
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9

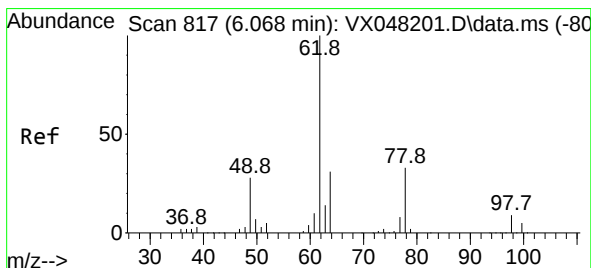
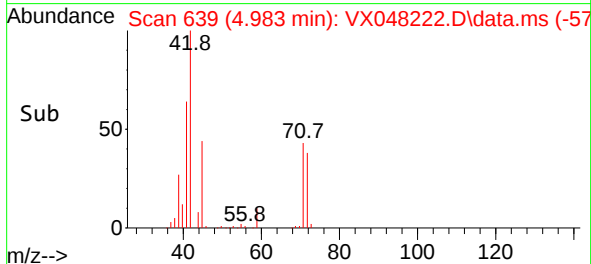
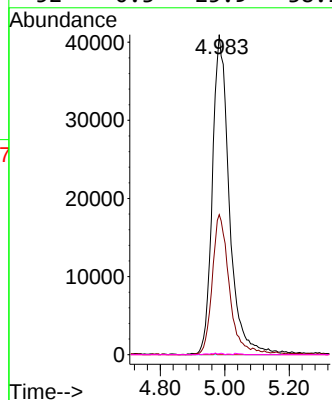
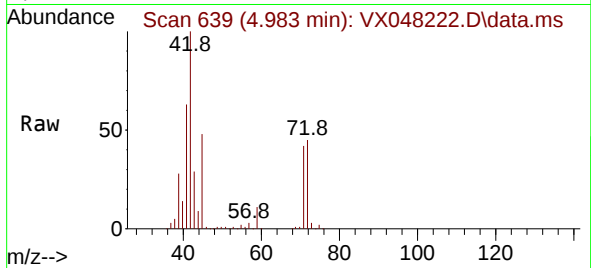




#41
Methacrylonitrile
Concen: 239.493 ug/l
RT: 4.983 min Scan# 61
Delta R.T. 0.079 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

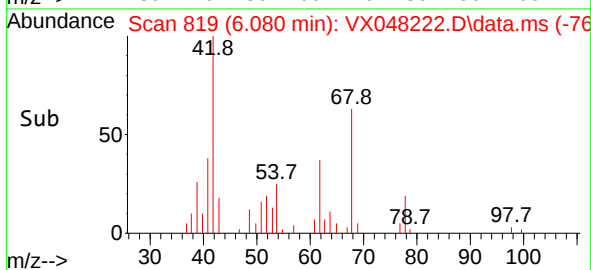
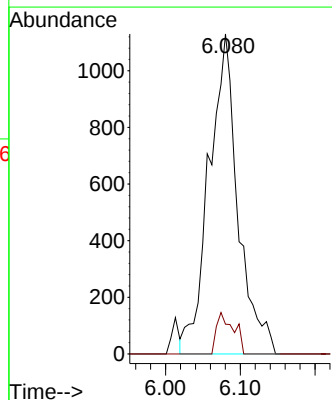
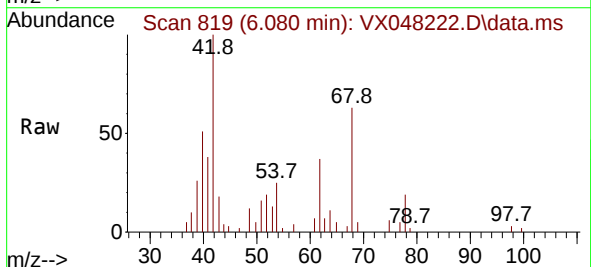
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

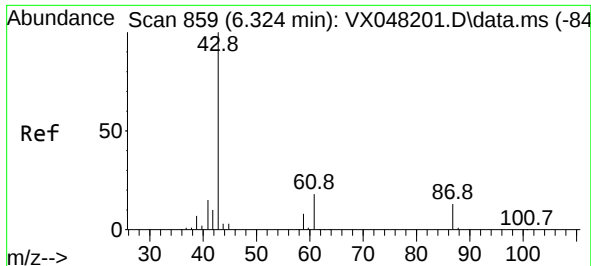
Tgt Ion: 41 Resp: 149374
Ion Ratio Lower Upper
41 100
39 43.9 44.0 66.0#
67 0.0 58.7 88.1#
52 0.3 25.9 38.9#



#42
1,2-Dichloroethane
Concen: 1.969 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 62 Resp: 3052
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.2

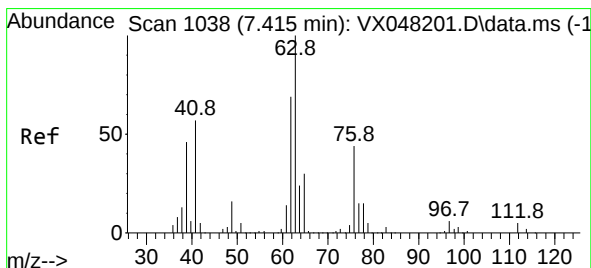
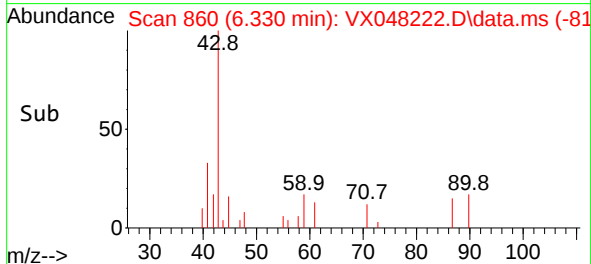
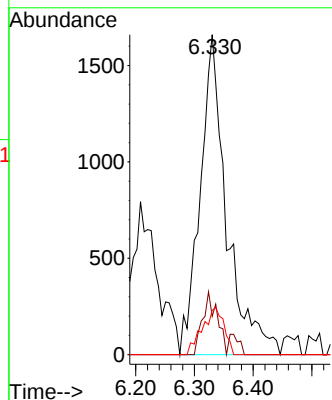
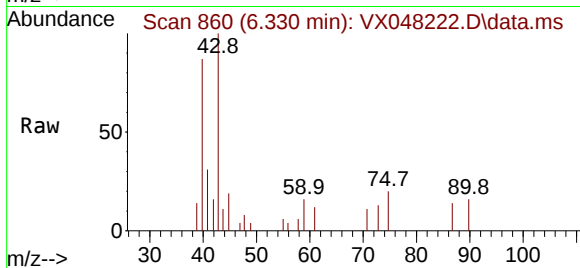




#43
Isopropyl Acetate
Concen: 2.652 ug/l
RT: 6.330 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

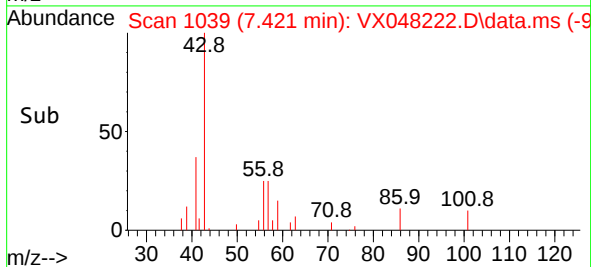
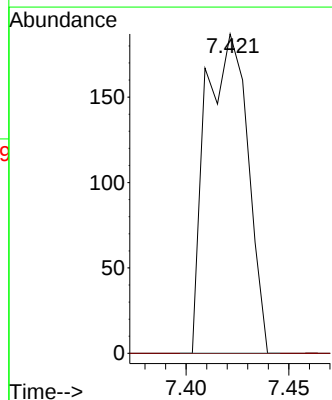
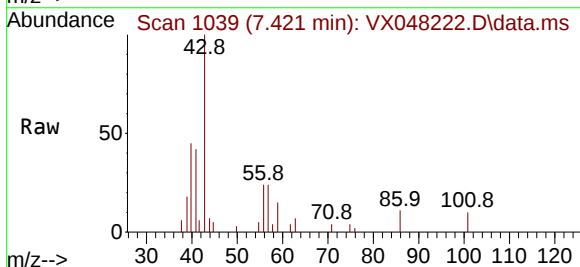
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

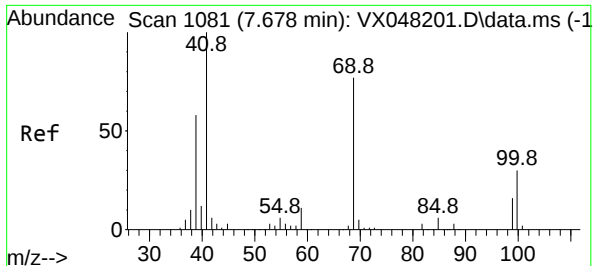
Tgt Ion: 43 Resp: 5184
Ion Ratio Lower Upper
43 100
61 10.9 14.9 22.3#
87 12.1 9.4 14.2



#45
1,2-Dichloropropane
Concen: 0.242 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 63 Resp: 265
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#





#48

Methyl methacrylate

Concen: 2.344 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.012 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

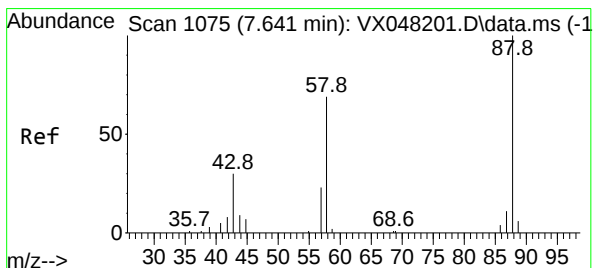
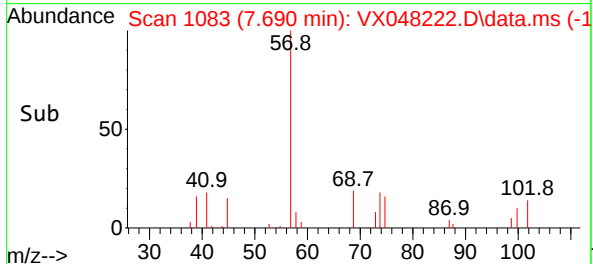
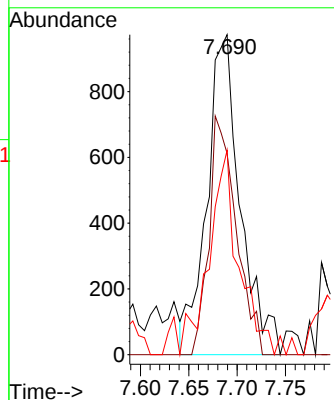
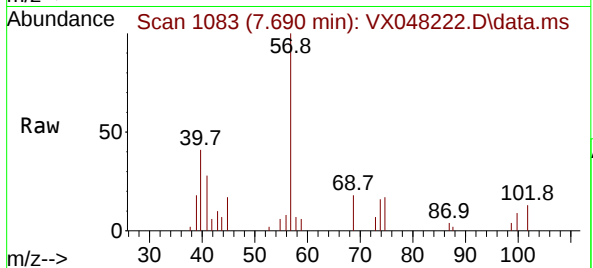
Instrument :

MSVOA_X

ClientSampleId :

VOA 251015111-01

Tgt Ion:	41	Resp:	2346
Ion	Ratio	Lower	Upper
41	100		
69	60.7	63.4	95.0#
39	56.4	47.1	70.7



#49

1,4-Dioxane

Concen: 116.671 ug/l

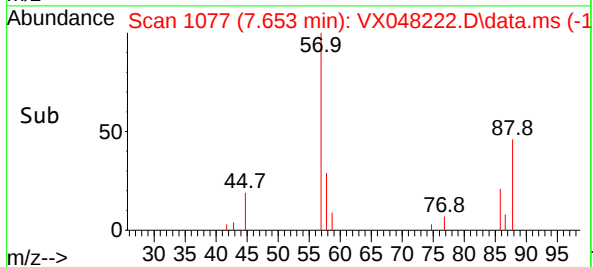
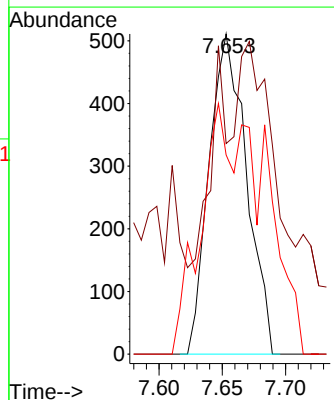
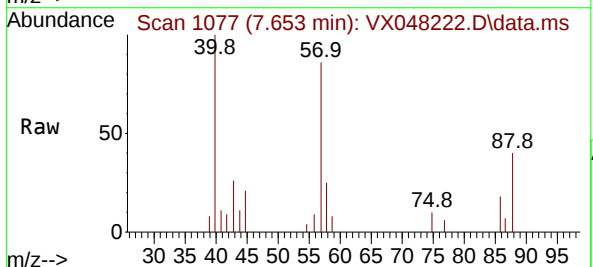
RT: 7.653 min Scan# 1077

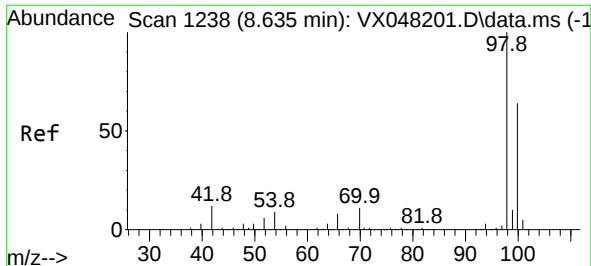
Delta R.T. 0.012 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Tgt Ion:	88	Resp:	1051
Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.0	52.4#
58	66.7	61.9	92.9

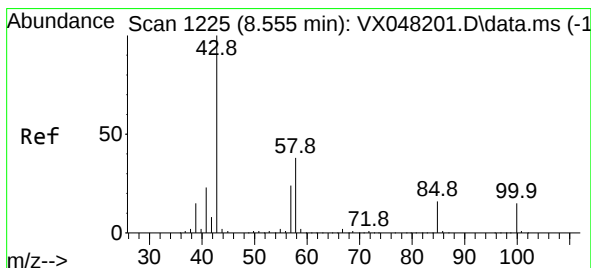
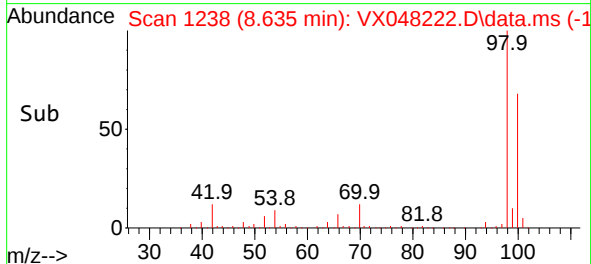
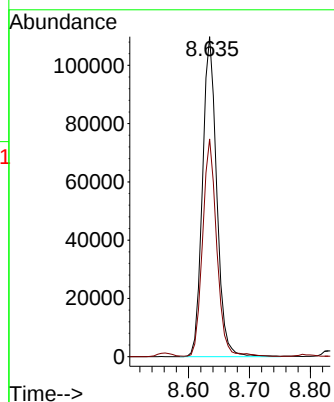
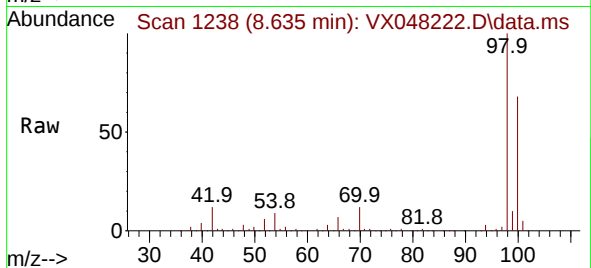




#50
Toluene-d8
Concen: 47.952 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

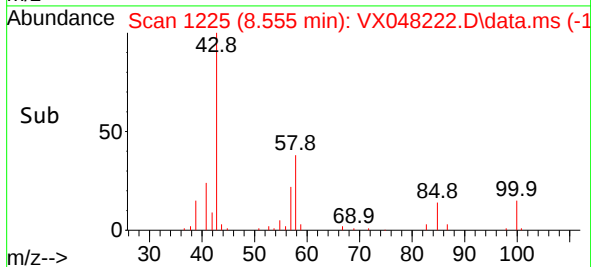
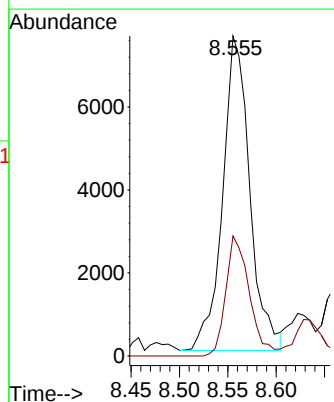
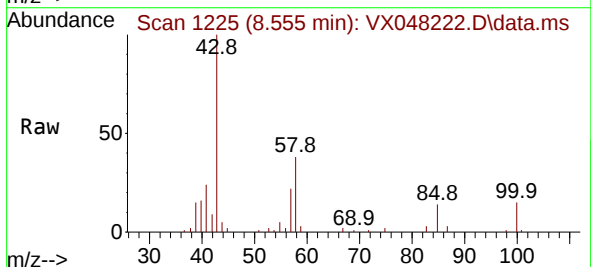
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

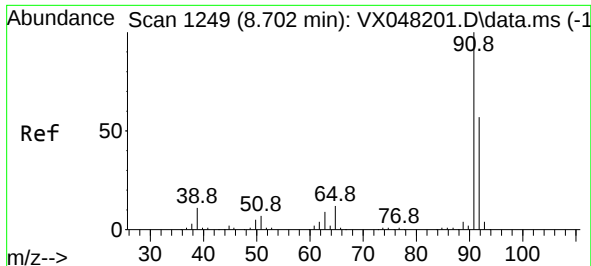
Tgt Ion: 98 Resp: 178701
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 13.586 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 43 Resp: 14780
Ion Ratio Lower Upper
43 100
58 32.9 29.5 44.3





#52

Toluene

Concen: 19.754 ug/l

RT: 8.702 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

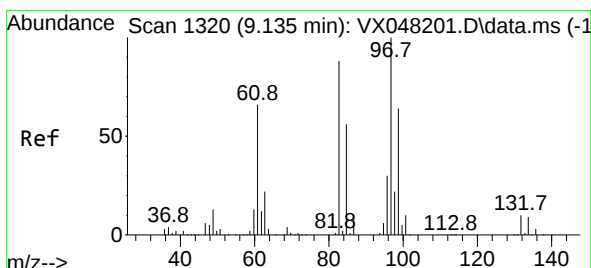
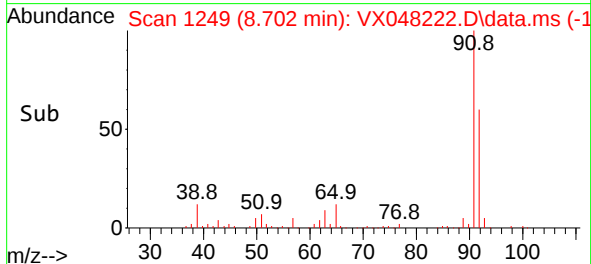
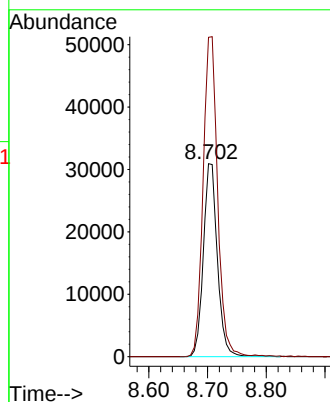
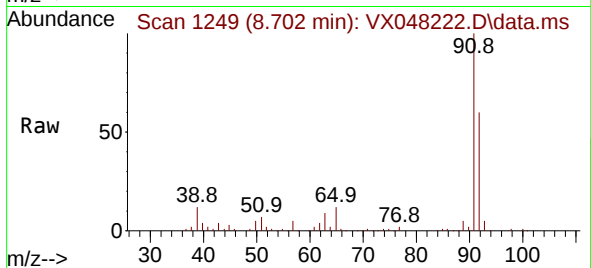
VOA 251015111-01

Tgt Ion: 92 Resp: 51376

Ion Ratio Lower Upper

92 100

91 171.2 136.1 204.1



#55

1,1,2-Trichloroethane

Concen: 0.395 ug/l

RT: 9.067 min Scan# 1309

Delta R.T. -0.067 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Tgt Ion: 97 Resp: 383

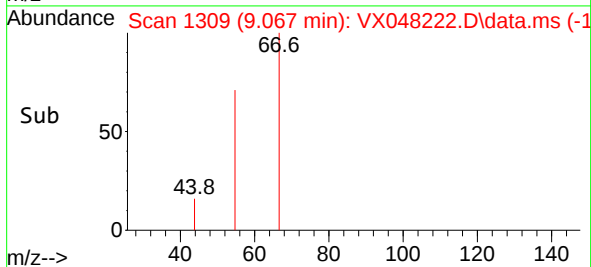
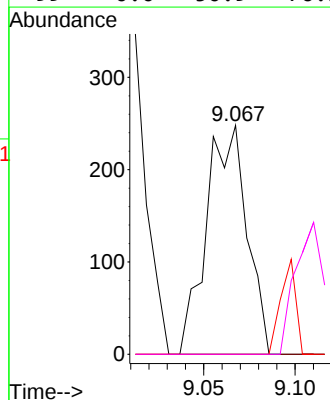
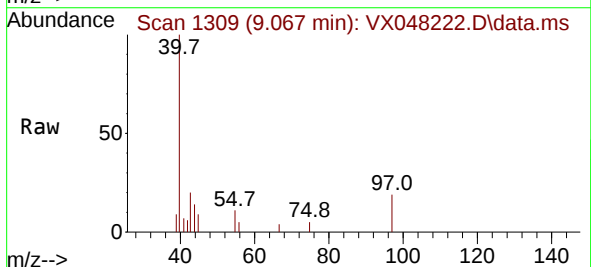
Ion Ratio Lower Upper

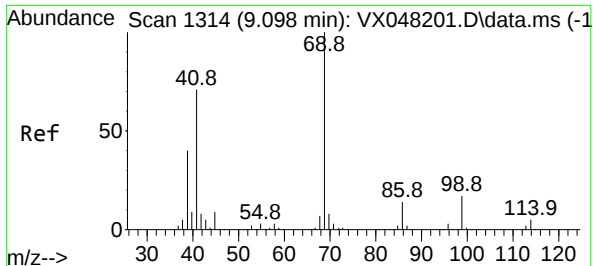
97 100

83 0.0 70.6 105.8#

85 0.0 45.0 67.6#

99 0.0 50.9 76.3#





#56

Ethyl methacrylate

Concen: 1.024 ug/l

RT: 9.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

VOA 251015111-01

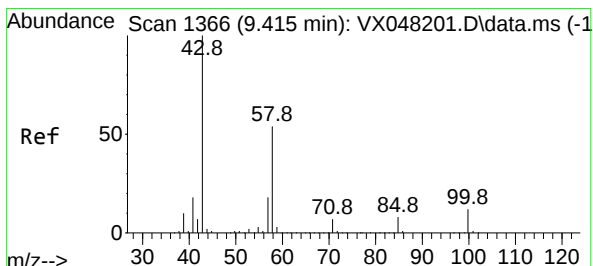
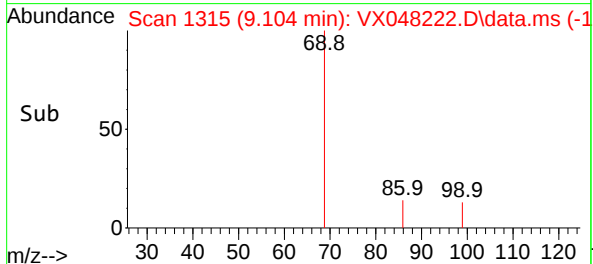
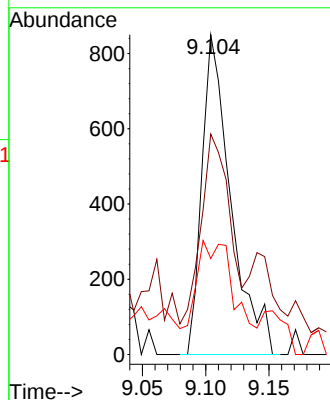
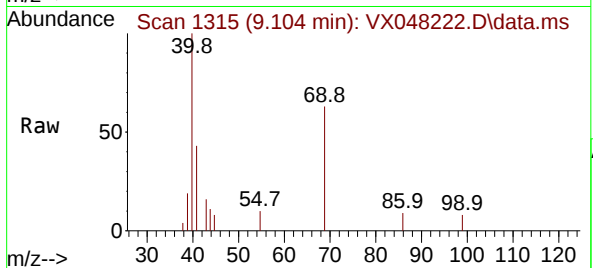
Tgt Ion: 69 Resp: 1351

Ion Ratio Lower Upper

69 100

41 57.4 56.0 84.0

39 30.3 31.6 47.4#



#59

2-Hexanone

Concen: 7.843 ug/l

RT: 9.226 min Scan# 1335

Delta R.T. -0.189 min

Lab File: VX048222.D

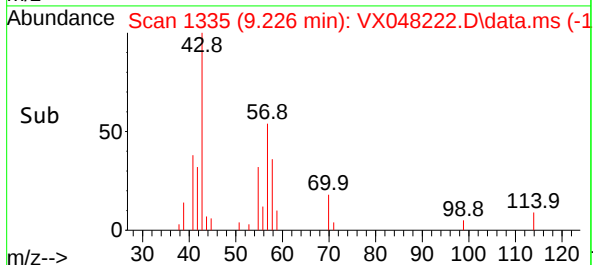
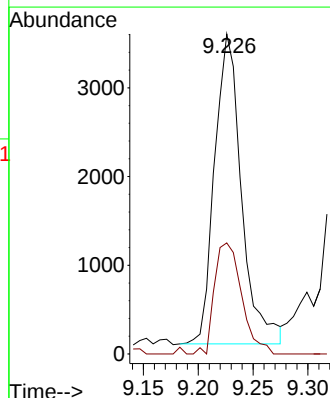
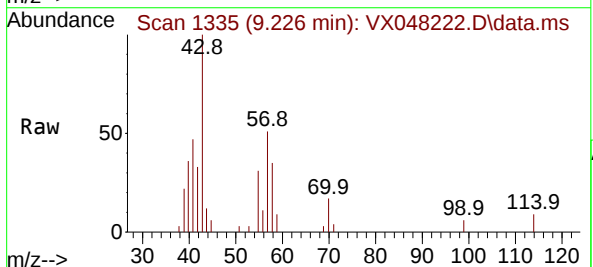
Acq: 17 Oct 2025 18:37

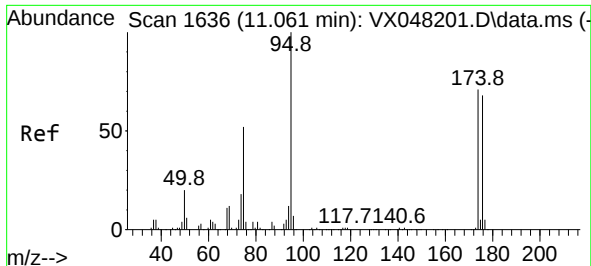
Tgt Ion: 43 Resp: 5968

Ion Ratio Lower Upper

43 100

58 36.1 26.3 78.8

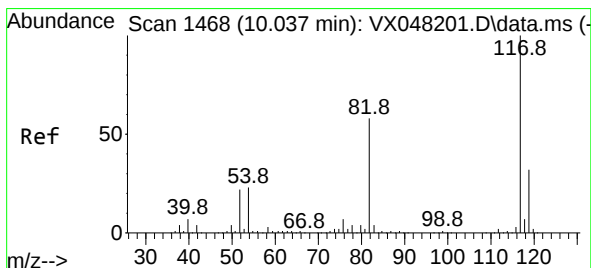
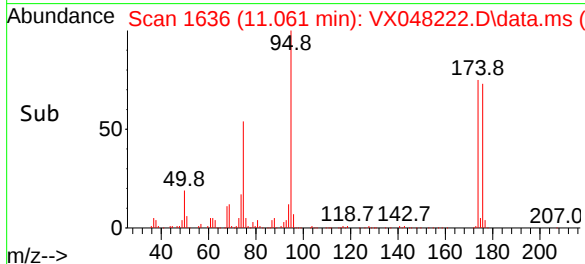
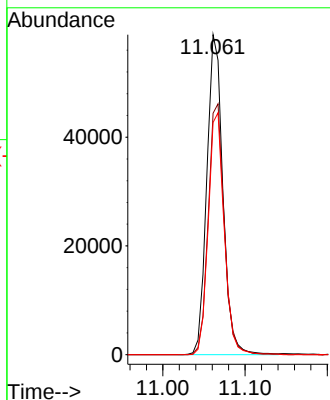
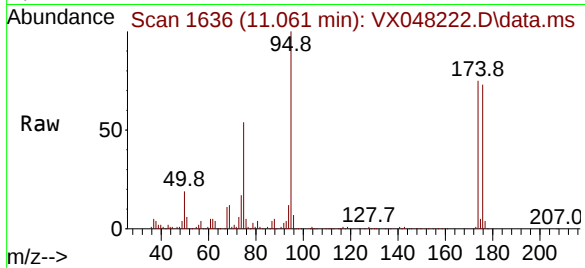




#62
4-Bromofluorobenzene
Concen: 58.826 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

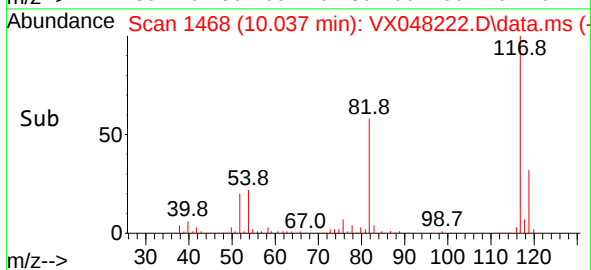
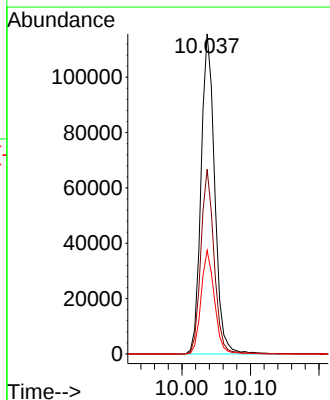
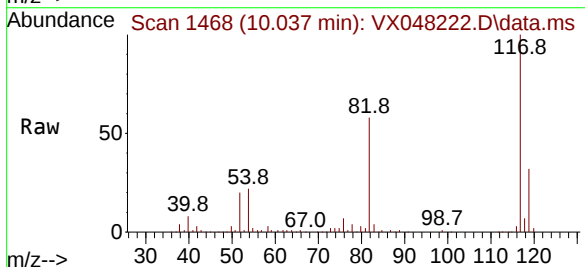
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

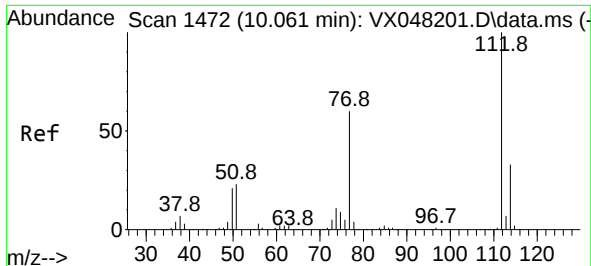
Tgt Ion: 95 Resp: 79848
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.8
176 75.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 117 Resp: 160262
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 32.3 25.9 38.9

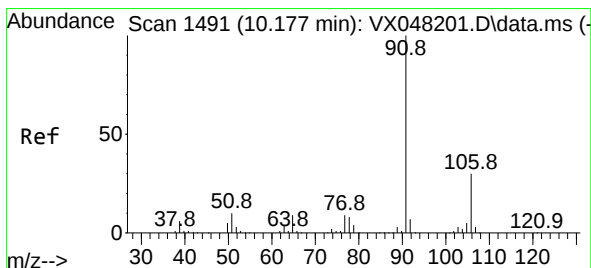
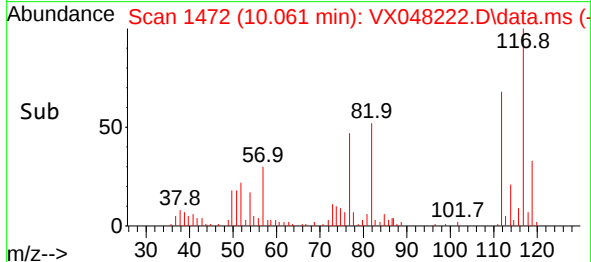
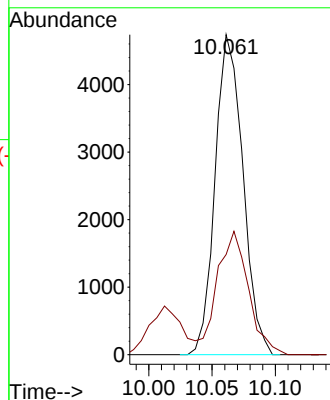
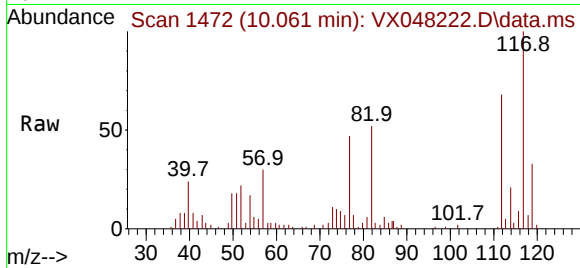




#65
Chlorobenzene
Concen: 2.065 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

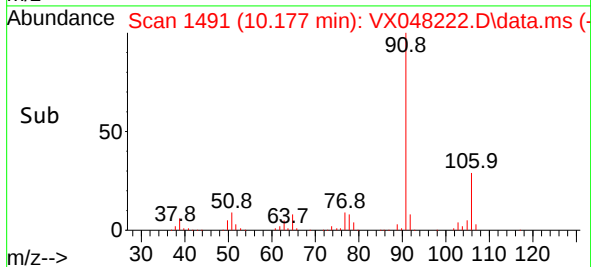
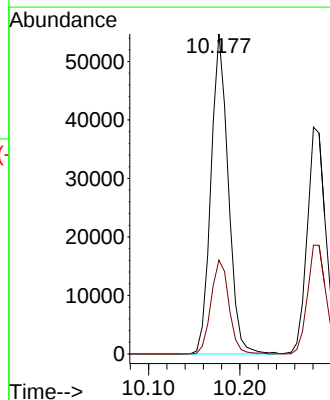
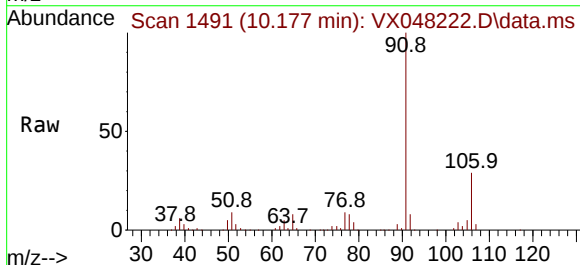
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

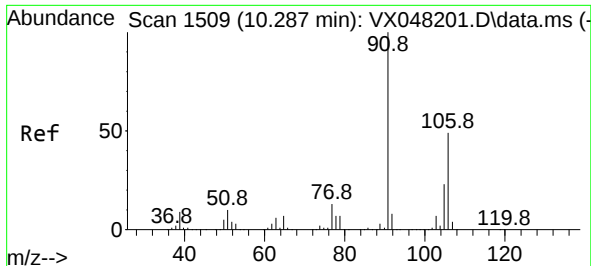
Tgt Ion:112 Resp: 7237
Ion Ratio Lower Upper
112 100
114 33.8 26.2 39.2



#67
Ethyl Benzene
Concen: 11.973 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 91 Resp: 71926
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6

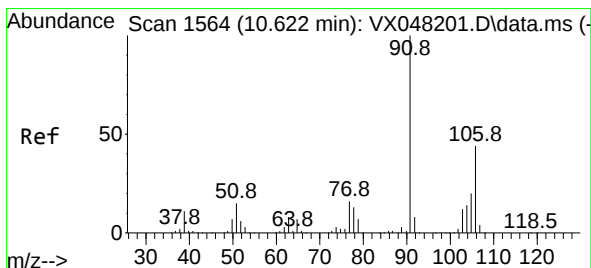
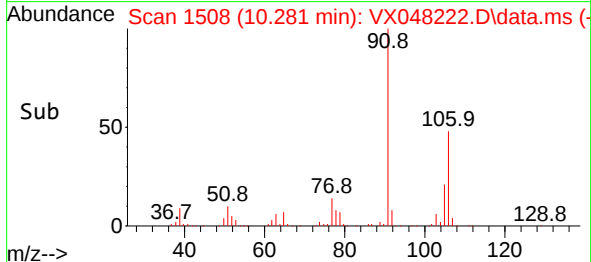
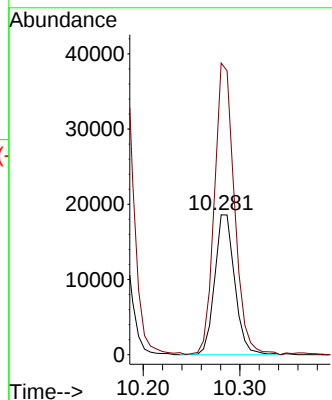
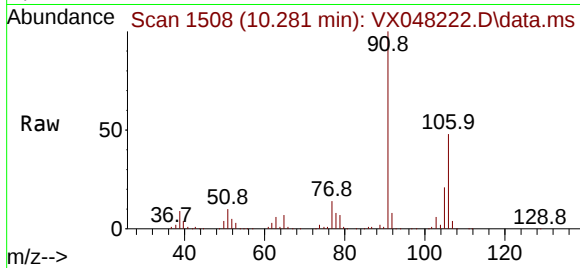




#68
m/p-Xylenes
Concen: 11.931 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

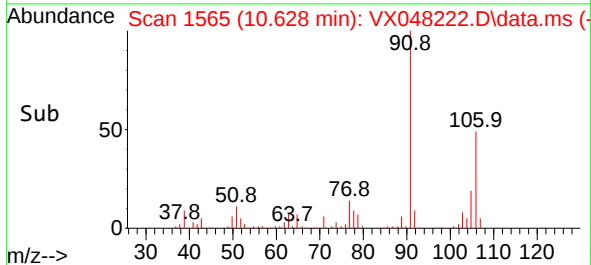
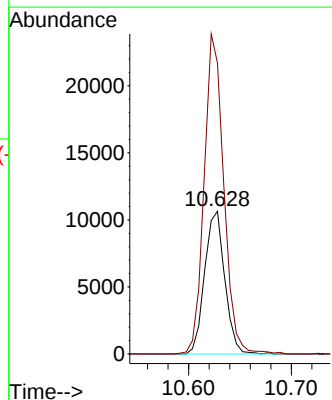
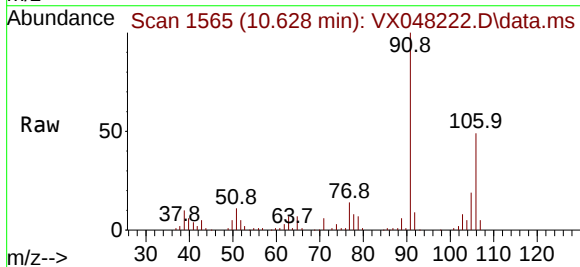
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

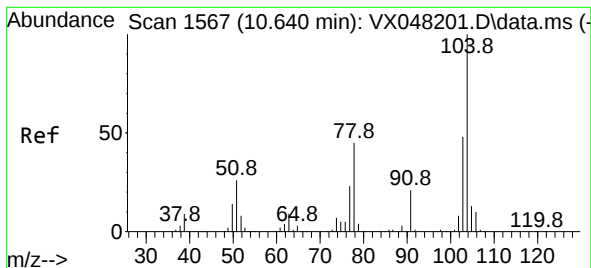
Tgt Ion:106 Resp: 26701
Ion Ratio Lower Upper
106 100
91 208.7 167.9 251.9



#69
o-Xylene
Concen: 6.881 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion:106 Resp: 14497
Ion Ratio Lower Upper
106 100
91 219.1 111.3 333.9





#70

Styrene

Concen: 0.993 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

VOA 251015111-01

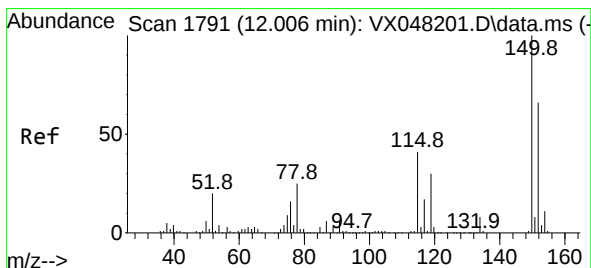
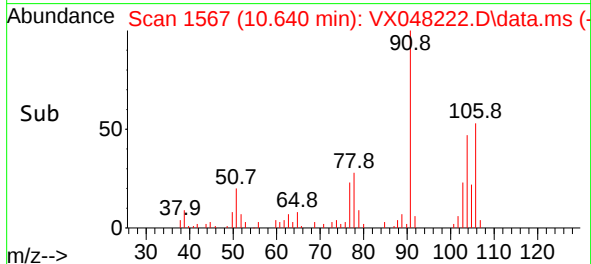
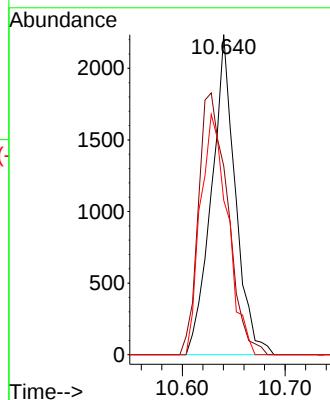
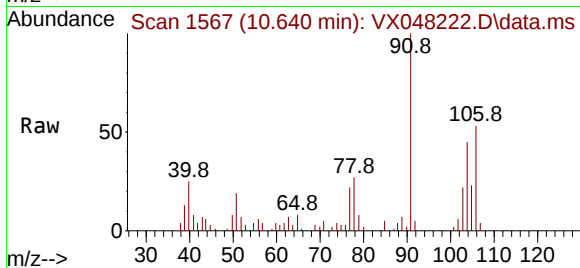
Tgt Ion:104 Resp: 3602

Ion Ratio Lower Upper

104 100

78 99.7 42.2 63.4#

103 85.6 43.0 64.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

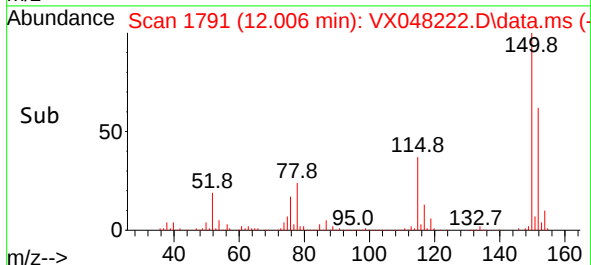
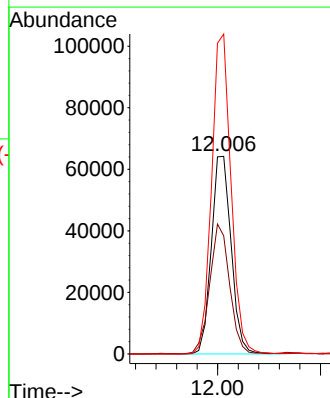
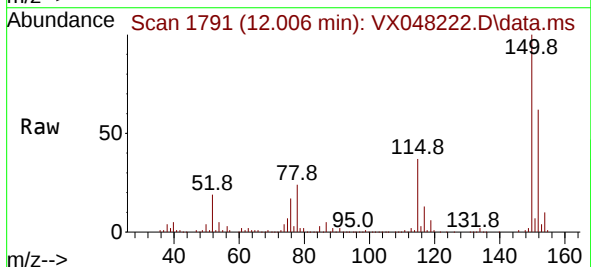
Tgt Ion:152 Resp: 85672

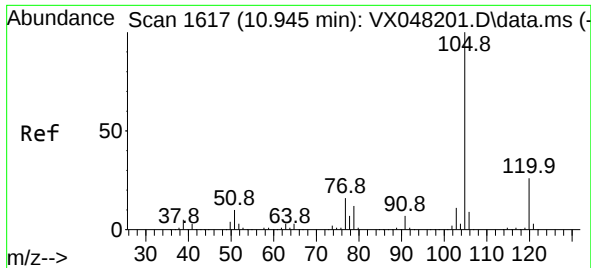
Ion Ratio Lower Upper

152 100

115 65.9 43.1 129.4

150 159.2 0.0 353.0

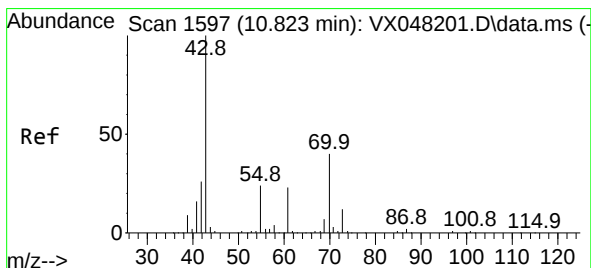
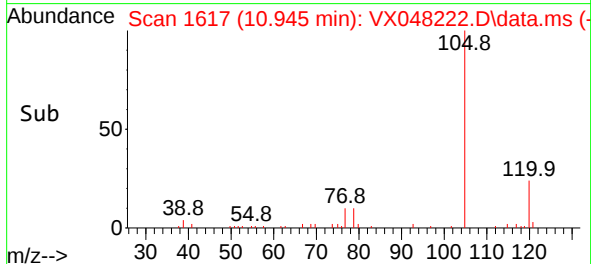
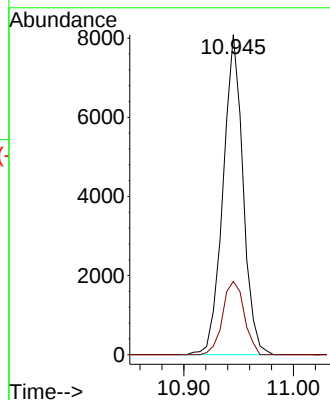
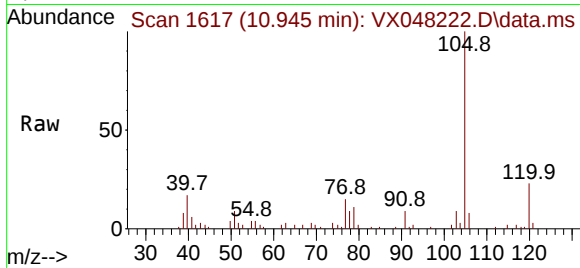




#73
Isopropylbenzene
Concen: 1.720 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

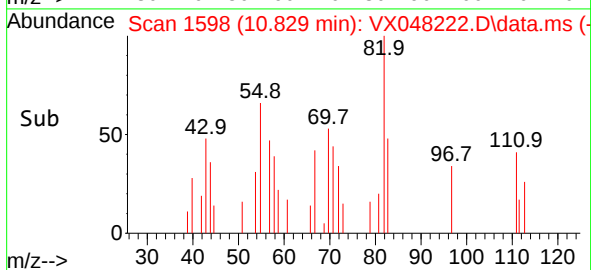
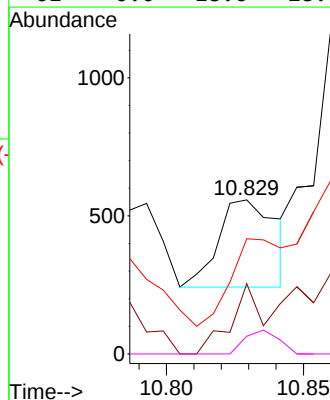
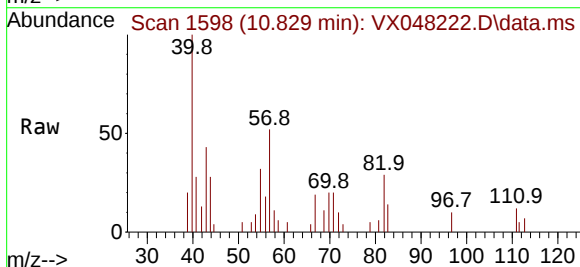
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

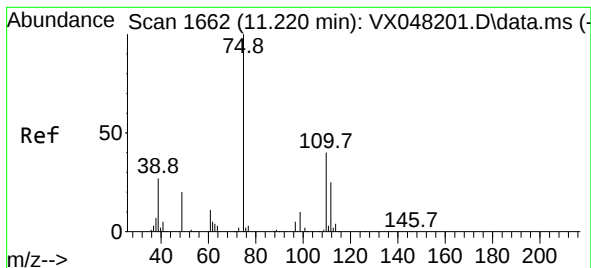
Tgt Ion:105 Resp: 10249
Ion Ratio Lower Upper
105 100
120 24.7 13.0 38.9



#74
N-ethyl acetate
Concen: 0.209 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
70 40.6 32.2 48.2
55 0.0 19.1 28.7#
61 0.0 18.6 28.0#





#76

1,2,3-Trichloropropane

Concen: 32.720 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

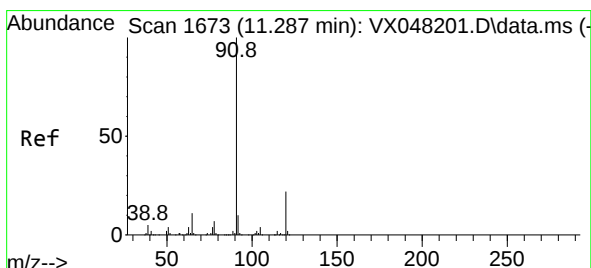
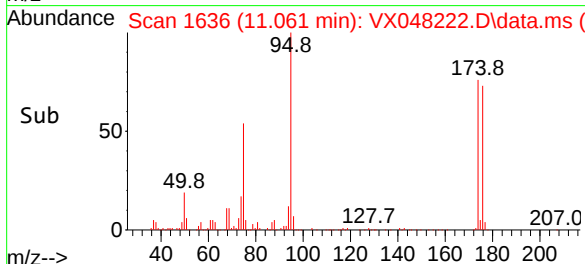
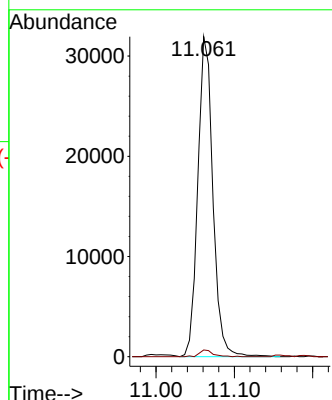
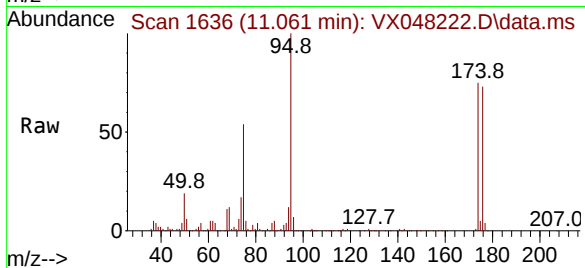
VOA 251015111-01

Tgt Ion: 75 Resp: 42806

Ion Ratio Lower Upper

75 100

77 1.9 22.4 67.2#



#78

n-propylbenzene

Concen: 0.541 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048222.D

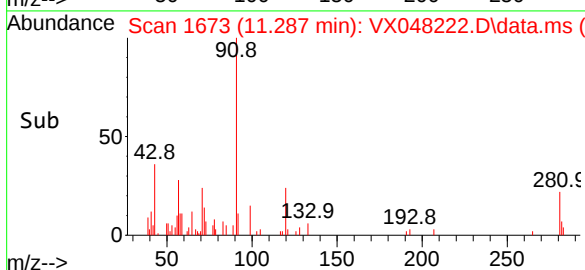
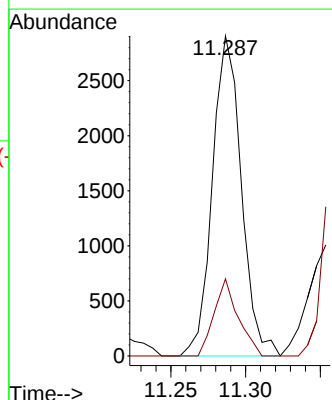
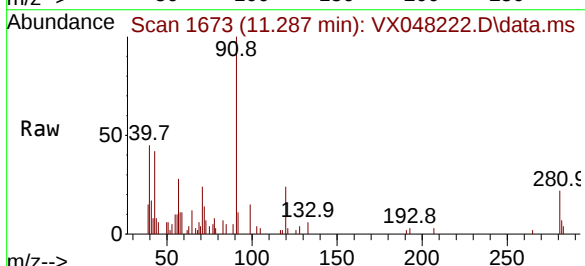
Acq: 17 Oct 2025 18:37

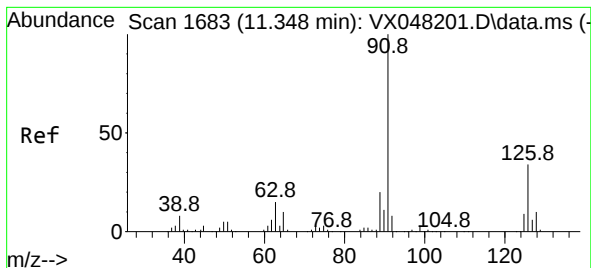
Tgt Ion: 91 Resp: 3910

Ion Ratio Lower Upper

91 100

120 20.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 0.545 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX048222.D

Acq: 17 Oct 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

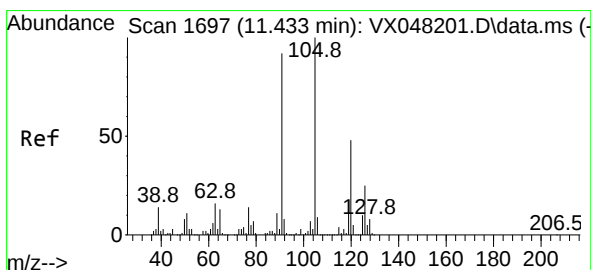
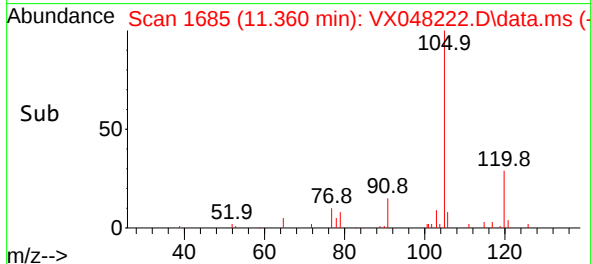
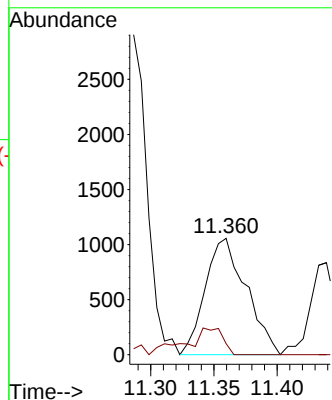
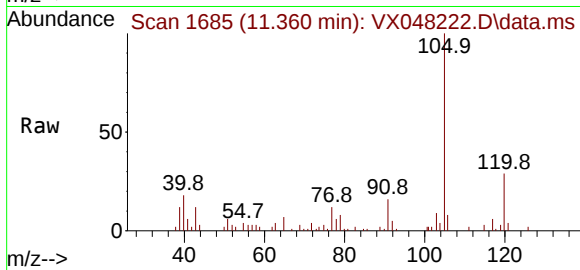
VOA 251015111-01

Tgt Ion: 91 Resp: 2381

Ion Ratio Lower Upper

91 100

126 20.4 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 1.034 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048222.D

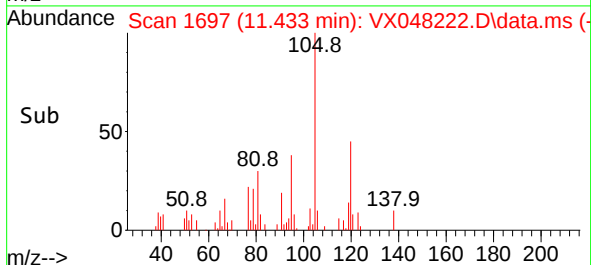
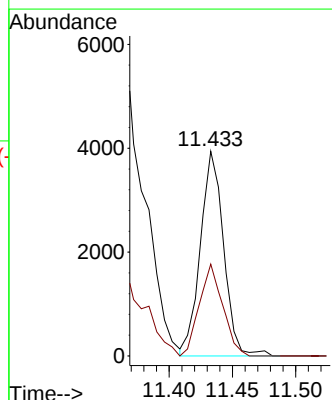
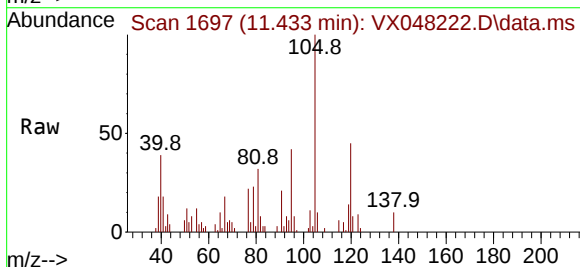
Acq: 17 Oct 2025 18:37

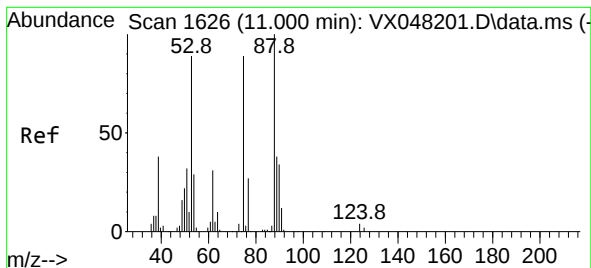
Tgt Ion:105 Resp: 5059

Ion Ratio Lower Upper

105 100

120 45.1 24.0 72.0

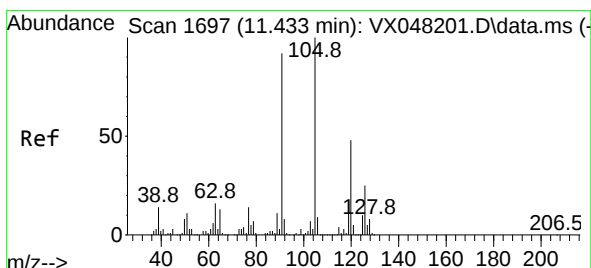
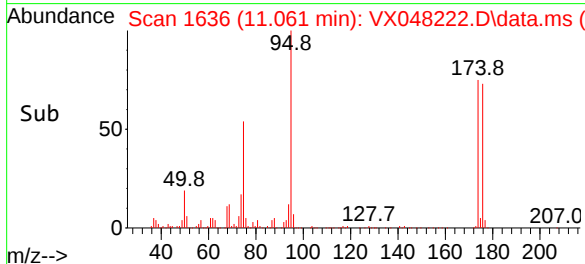
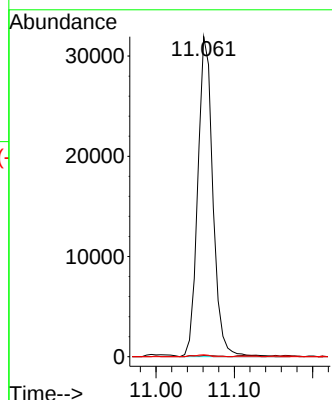
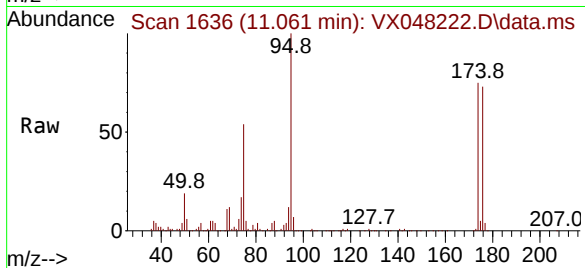




#81
trans-1,4-Dichloro-2-butene
Concen: 80.120 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

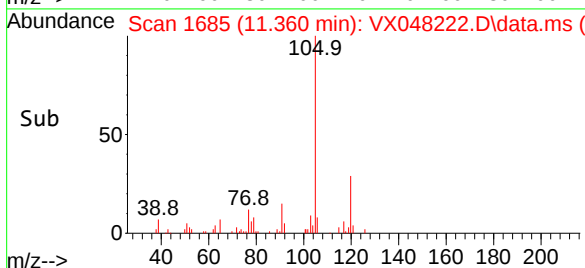
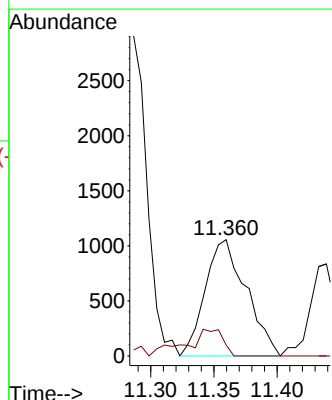
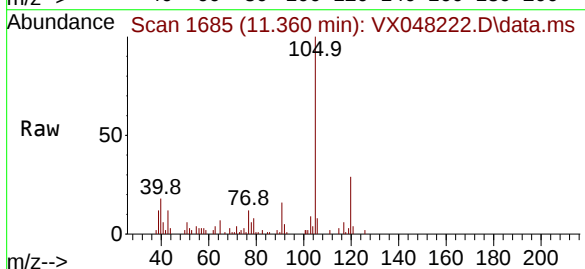
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

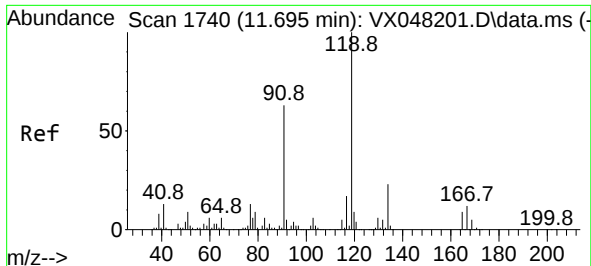
Tgt Ion: 75 Resp: 42806
Ion Ratio Lower Upper
75 100
53 0.4 79.5 119.3#
89 0.6 36.8 55.2#



#82
4-Chlorotoluene
Concen: 0.464 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.073 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 91 Resp: 2381
Ion Ratio Lower Upper
91 100
126 20.4 14.1 42.4

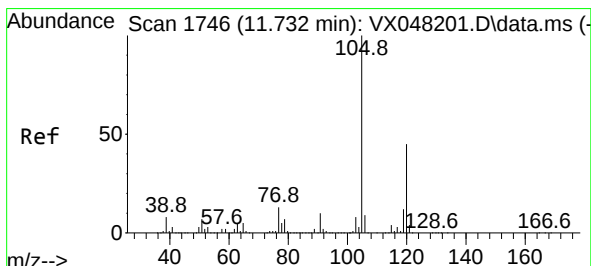
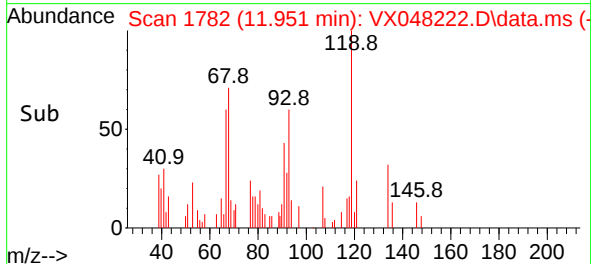
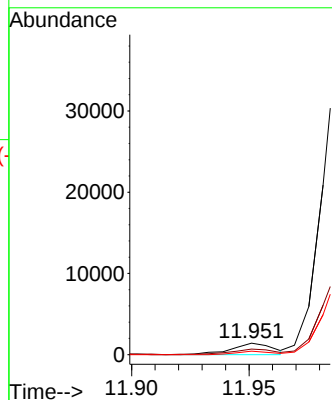
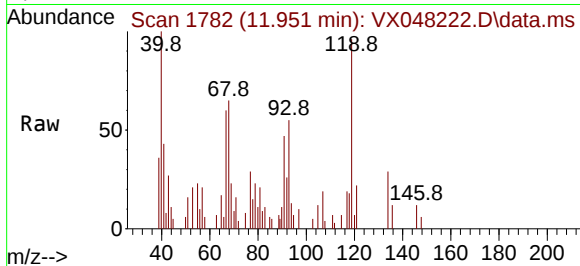




#83
tert-Butylbenzene
Concen: 0.348 ug/l
RT: 11.951 min Scan# 11
Delta R.T. 0.256 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

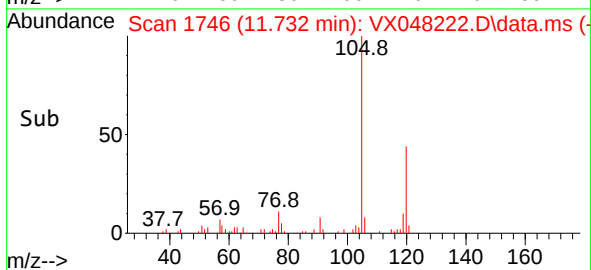
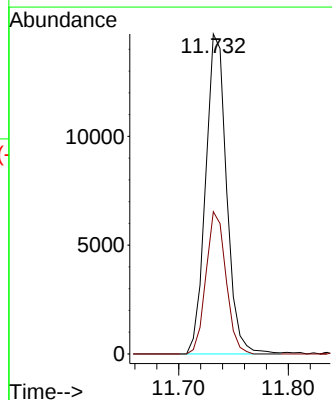
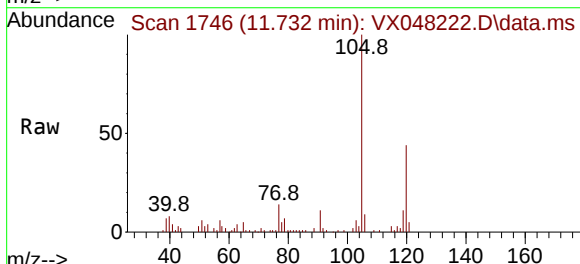
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

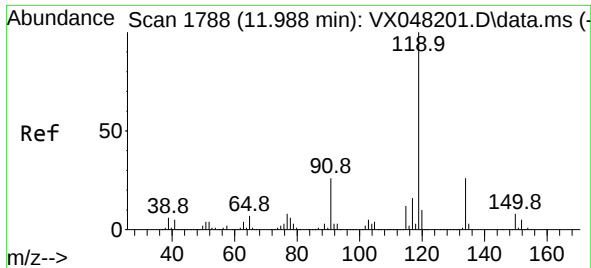
Tgt Ion:119 Resp: 1722
Ion Ratio Lower Upper
119 100
91 52.5 30.3 91.0
134 25.1 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 4.009 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion:105 Resp: 19525
Ion Ratio Lower Upper
105 100
120 42.3 22.1 66.5

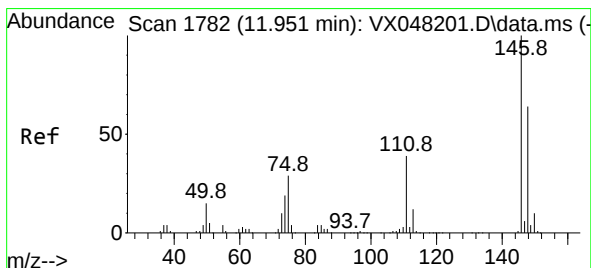
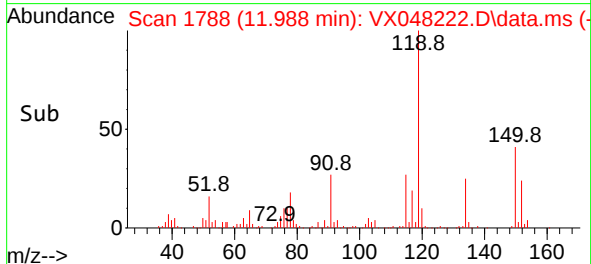
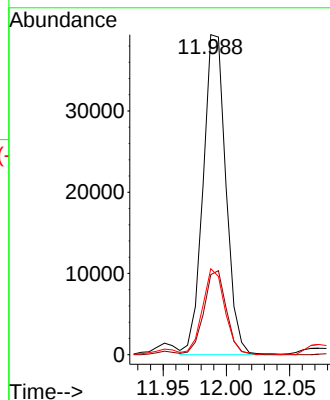
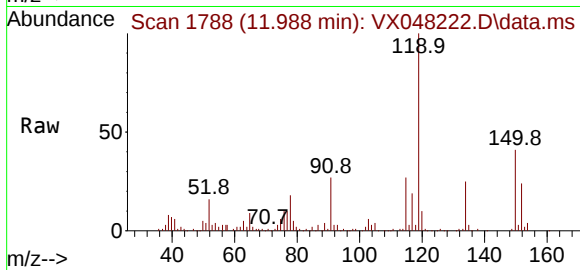




#86
 p-Isopropyltoluene
 Concen: 9.709 ug/l
 RT: 11.988 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048222.D
 Acq: 17 Oct 2025 18:37

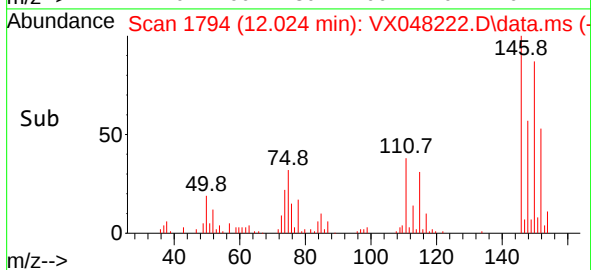
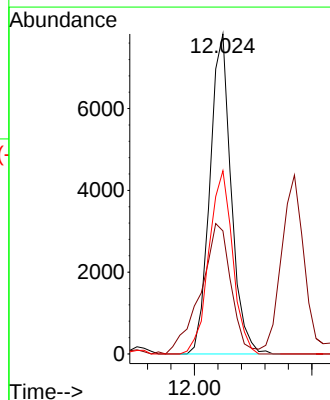
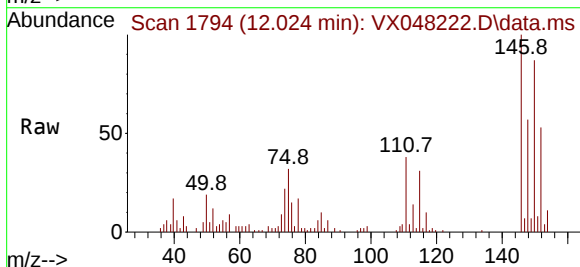
Instrument :
 MSVOA_X
 ClientSampleId :
 VOA 251015111-01

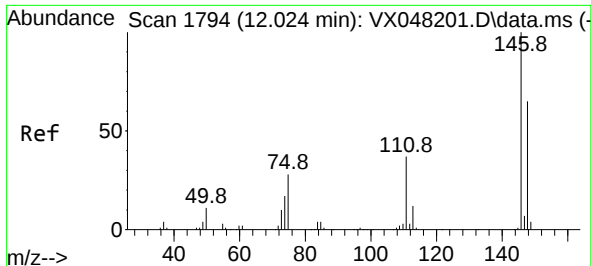
Tgt Ion:	119	Resp:	49441
Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	26.6	12.1	36.3



#87
 1,3-Dichlorobenzene
 Concen: 3.532 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.073 min
 Lab File: VX048222.D
 Acq: 17 Oct 2025 18:37

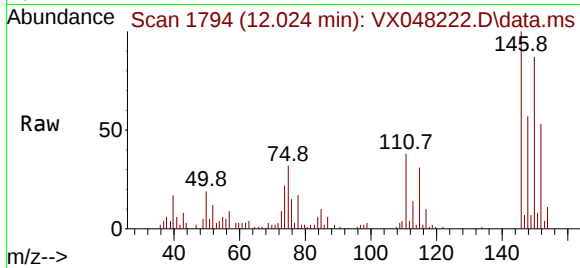
Tgt Ion:	146	Resp:	9849
Ion	Ratio	Lower	Upper
146	100		
111	58.1	20.4	61.2
148	63.7	31.9	95.9



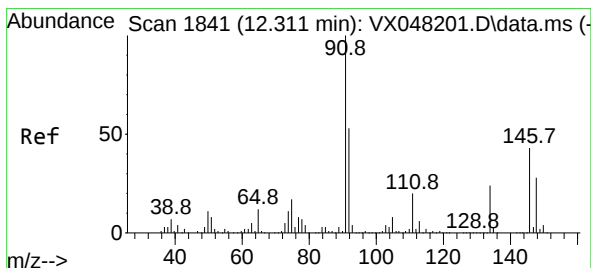
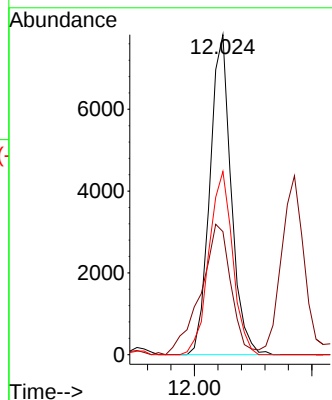
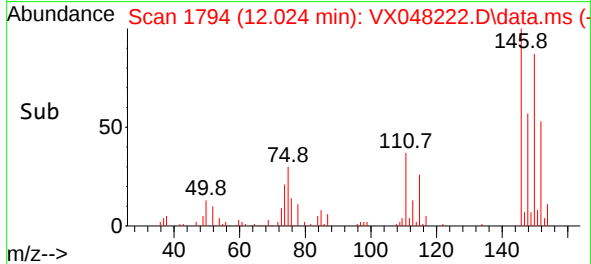


#88
1,4-Dichlorobenzene
Concen: 3.407 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

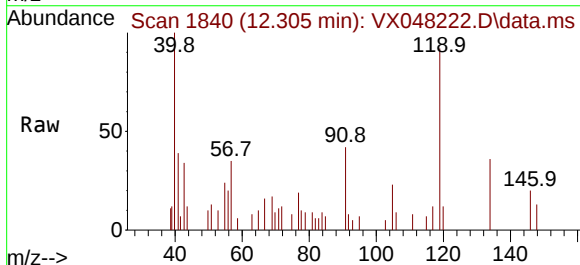
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01



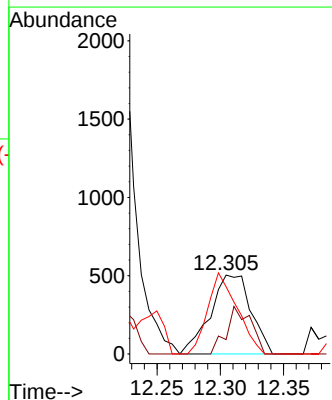
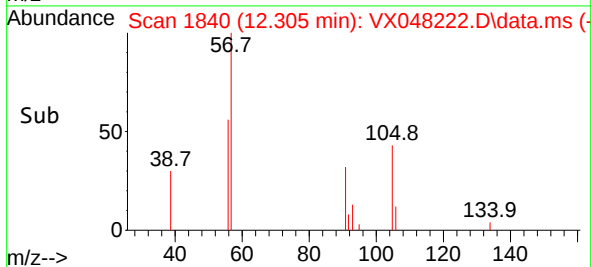
Tgt Ion:146 Resp: 9849
Ion Ratio Lower Upper
146 100
111 58.1 20.1 60.2
148 63.7 31.8 95.3

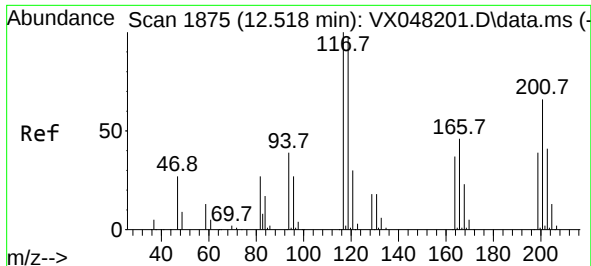


#89
n-Butylbenzene
Concen: 0.238 ug/l
RT: 12.305 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37



Tgt Ion: 91 Resp: 1127
Ion Ratio Lower Upper
91 100
92 35.8 26.9 80.6
134 74.8 12.7 38.1#

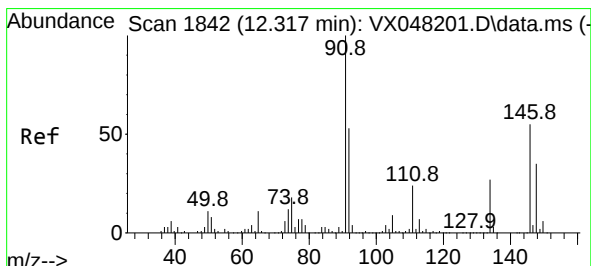
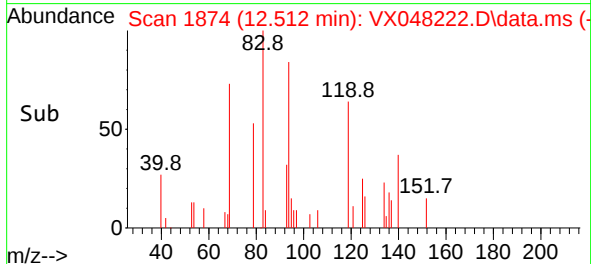
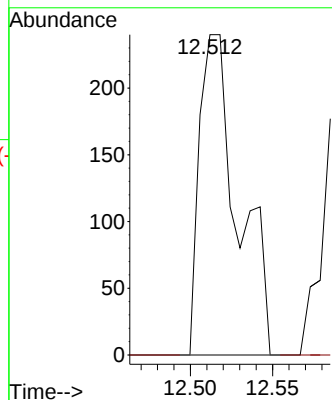
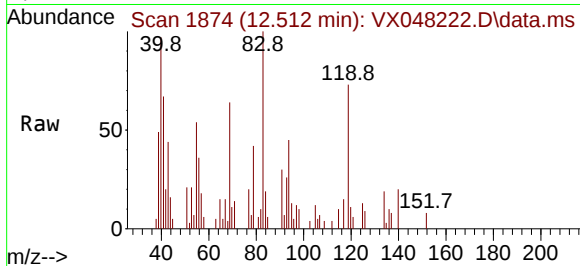




#90
Hexachloroethane
Concen: 0.364 ug/l
RT: 12.512 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

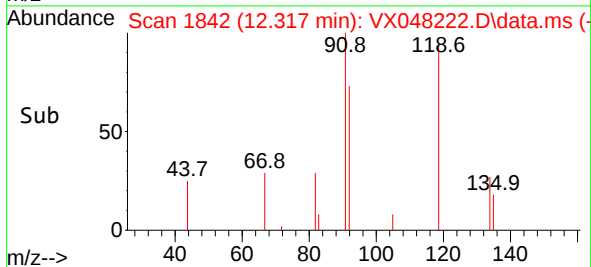
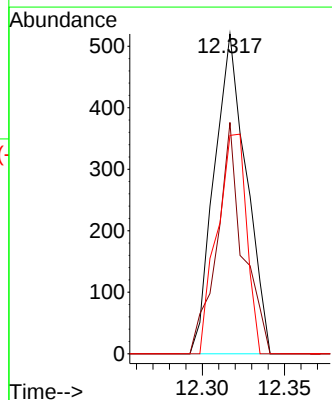
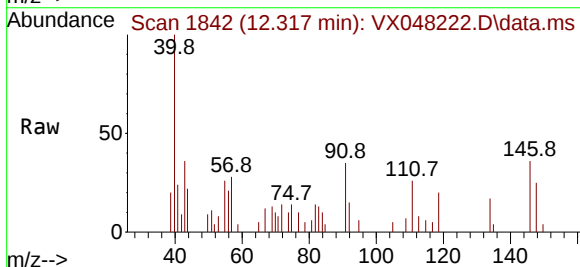
Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

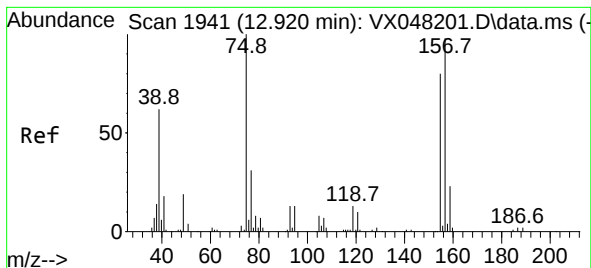
Tgt Ion:117 Resp: 391
Ion Ratio Lower Upper
117 100
201 0.0 34.1 102.2#



#91
1,2-Dichlorobenzene
Concen: 0.267 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion:146 Resp: 703
Ion Ratio Lower Upper
146 100
111 58.6 21.9 65.5
148 63.0 31.9 95.5

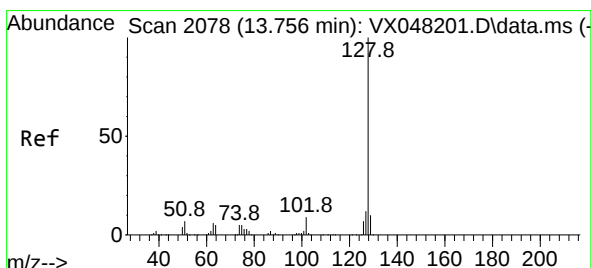
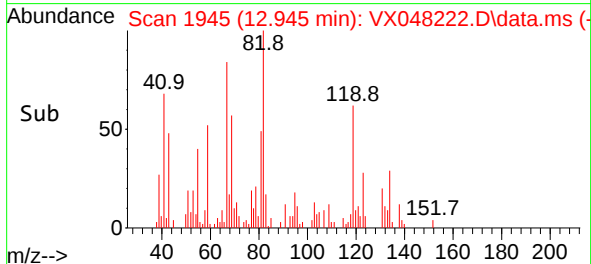
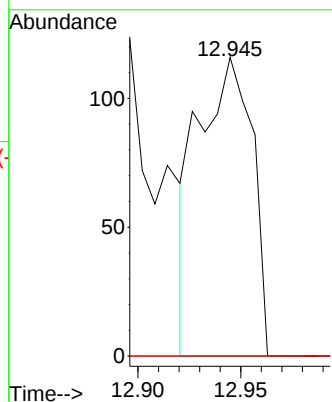
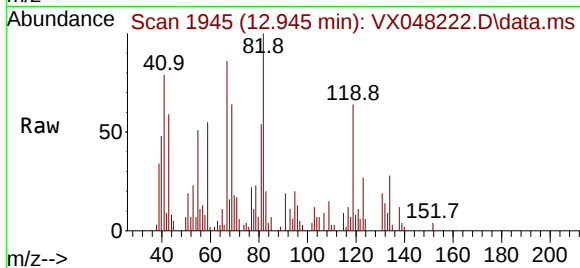




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.684 ug/l
RT: 12.945 min Scan# 1941
Delta R.T. 0.024 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Instrument :
MSVOA_X
ClientSampleId :
VOA 251015111-01

Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
155 0.0 42.8 128.4#
157 0.0 54.2 162.6#



#95
Naphthalene
Concen: 33.028 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048222.D
Acq: 17 Oct 2025 18:37

Tgt Ion: 128 Resp: 135413
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 12.8

