

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047257.D
 Acq On : 07 Aug 2025 13:06
 Operator : JC/MD
 Sample : Q2790-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250806078-01 VOA

Quant Time: Aug 08 02:43:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	239585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	411318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146093	48.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.900%
35) Dibromofluoromethane	5.397	113	104688	41.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.440%
50) Toluene-d8	8.653	98	373923	45.465	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.920%#
62) 4-Bromofluorobenzene	11.079	95	183021	51.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	63200	20.077	ug/l #	44
4) Vinyl Chloride	1.392	62	1165	0.344	ug/l #	1
8) Diethyl Ether	2.148	74	12390	6.964	ug/l	99
10) Methyl Iodide	2.477	142	3826	1.235	ug/l	96
11) Tert butyl alcohol	2.953	59	802930	2389.467	ug/l	95
13) Acrolein	2.245	56	422	0.657	ug/l #	71
14) Allyl chloride	2.709	41	5818	1.069	ug/l #	25
15) Acrylonitrile	3.020	53	313	0.220	ug/l #	32
16) Acetone	2.386	43	1501067	1255.507	ug/l	99
17) Carbon Disulfide	2.544	76	60052	6.894	ug/l	97
18) Methyl Acetate	2.721	43	9944	3.130	ug/l #	89
19) Methyl tert-butyl Ether	3.129	73	15808	1.725	ug/l	95
20) Methylene Chloride	2.806	84	2014	0.612	ug/l	94
25) 2-Butanone	4.562	43	2539468	1458.730	ug/l	98
26) 2,2-Dichloropropane	4.568	77	28406	6.306	ug/l #	53
27) cis-1,2-Dichloroethene	4.507	96	1288	0.353	ug/l #	12
28) Bromochloromethane	4.995	49	2683	1.002	ug/l #	15
29) Tetrahydrofuran	5.013	42	354569	315.667	ug/l	98
36) 1,1-Dichloropropene	5.556	75	20404	4.713	ug/l #	51
37) Ethyl Acetate	4.562	43	2539468	636.622	ug/l #	71
38) Carbon Tetrachloride	5.556	117	27706	5.996	ug/l #	16
40) Benzene	6.050	78	51048	4.075	ug/l	97
41) Methacrylonitrile	5.013	41	280470	134.473	ug/l #	44
42) 1,2-Dichloroethane	6.098	62	8239	1.867	ug/l	81
43) Isopropyl Acetate	6.367	43	5118	0.823	ug/l #	65
48) Methyl methacrylate	7.714	41	2873	0.848	ug/l #	60
49) 1,4-Dioxane	7.690	88	423	10.978	ug/l #	20
51) 4-Methyl-2-Pentanone	8.574	43	58272	15.765	ug/l	97
52) Toluene	8.720	92	53779	6.981	ug/l	97
55) 1,1,2-Trichloroethane	9.086	97	870	0.301	ug/l #	15
56) Ethyl methacrylate	9.134	69	1183	0.277	ug/l #	44
59) 2-Hexanone	9.439	43	3592	1.471	ug/l	89
65) Chlorobenzene	10.079	112	12387	1.403	ug/l	98
67) Ethyl Benzene	10.195	91	139824	9.059	ug/l	99
68) m/p-Xylenes	10.299	106	46098	7.981	ug/l	98
69) o-Xylene	10.640	106	27143	4.939	ug/l	100

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Instrument :
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 250806078-01 VOA

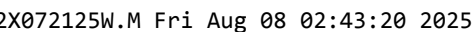
Quant Time: Aug 08 02:43:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
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 QLast Update : Tue Jul 22 03:59:51 2025
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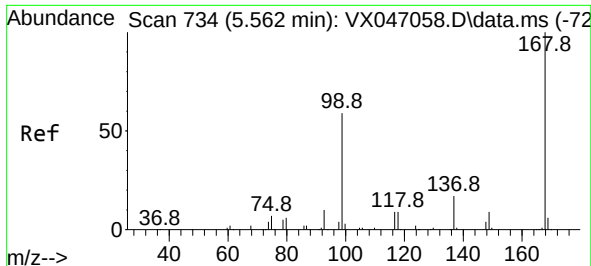
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	10.659	104	5250	0.557	ug/l #	17
73) Isopropylbenzene	10.963	105	14783	0.958	ug/l	95
74) N-amyl acetate	10.890	43	5553	0.892	ug/l #	60
76) 1,2,3-Trichloropropane	11.079	75	93438	25.817	ug/l #	35
78) n-propylbenzene	11.305	91	11088	0.601	ug/l	99
79) 2-Chlorotoluene	11.372	91	4906	0.445	ug/l	81
80) 1,3,5-Trimethylbenzene	11.451	105	8703	0.683	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	93438	66.514	ug/l #	8
82) 4-Chlorotoluene	11.372	91	4906	0.381	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	37382	2.941	ug/l	98
86) p-Isopropyltoluene	12.006	119	27419	2.069	ug/l	96
87) 1,3-Dichlorobenzene	12.036	146	29946	4.259	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	29946	4.204	ug/l	95
89) n-Butylbenzene	12.329	91	2704	0.218	ug/l #	71
90) Hexachloroethane	12.530	117	766	0.323	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	3646	0.543	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.914	75	578	0.683	ug/l #	2
94) Hexachlorobutadiene	13.719	225	794	0.526	ug/l	89
95) Naphthalene	13.774	128	305822	23.498	ug/l	100

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

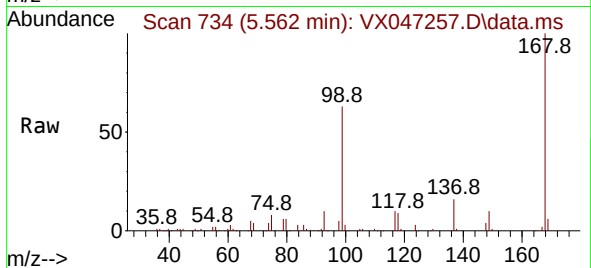
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Quant Title : SW846 8260
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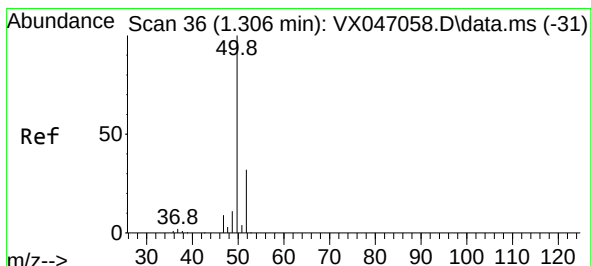
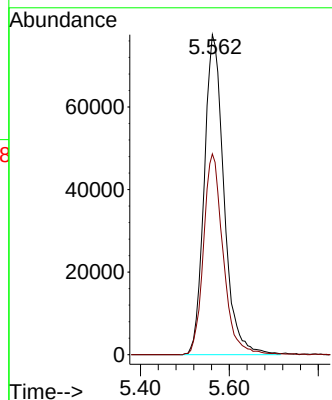
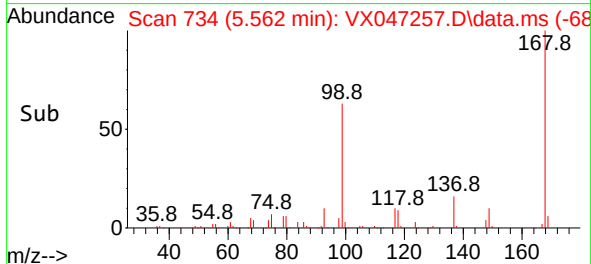


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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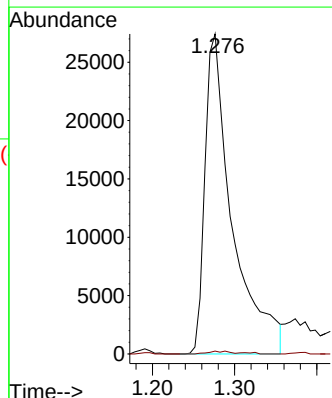
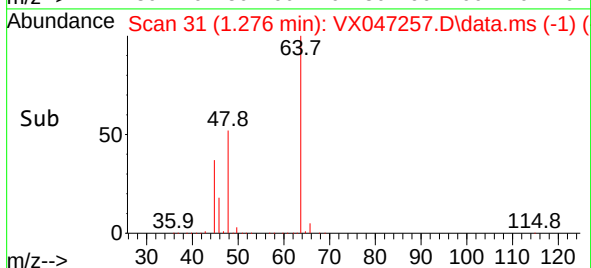
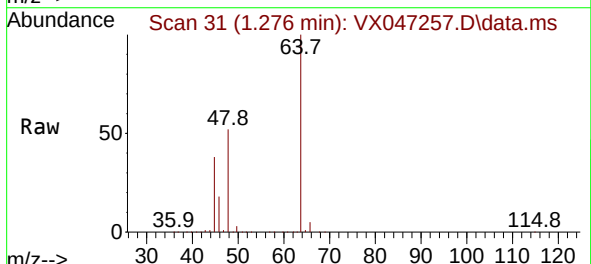


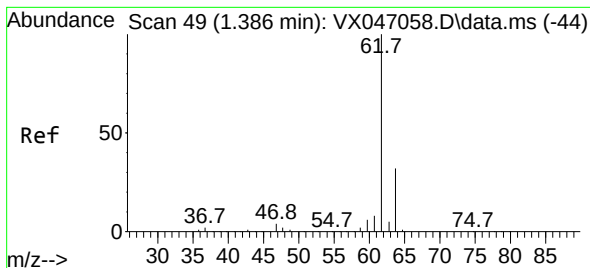
Tgt Ion:168 Resp: 239585
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0



#3
Chloromethane
Concen: 20.077 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.030 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 50 Resp: 63200
Ion Ratio Lower Upper
50 100
52 0.9 25.4 38.2#





#4

Vinyl Chloride

Concen: 0.344 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

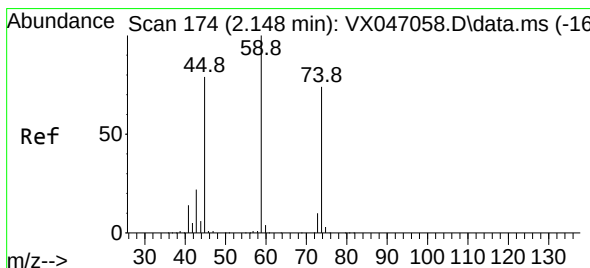
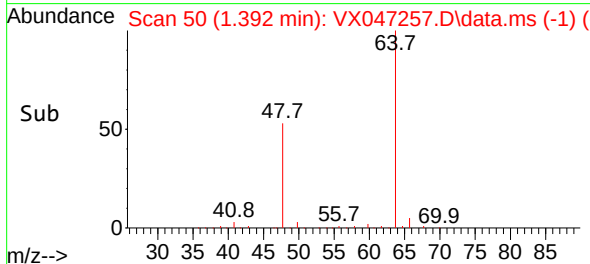
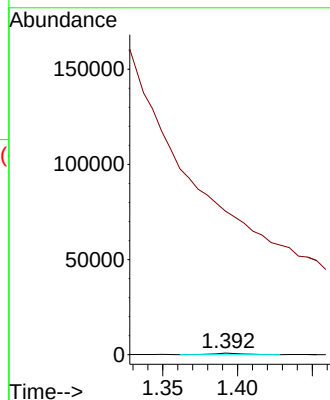
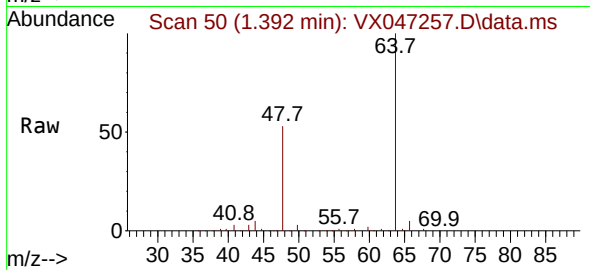
250806078-01 VOA

Tgt Ion: 62 Resp: 1165

Ion Ratio Lower Upper

62 100

64 2162.7 25.2 37.8#



#8

Diethyl Ether

Concen: 6.964 ug/l

RT: 2.148 min Scan# 174

Delta R.T. 0.000 min

Lab File: VX047257.D

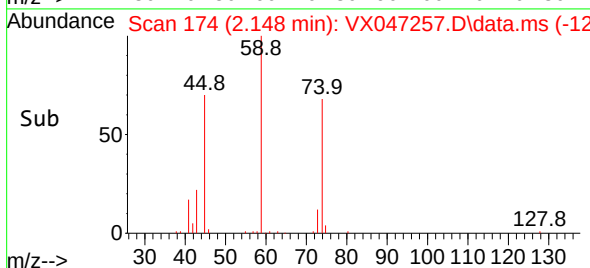
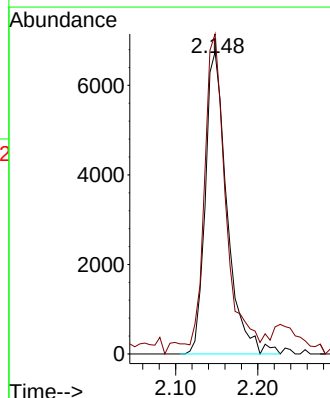
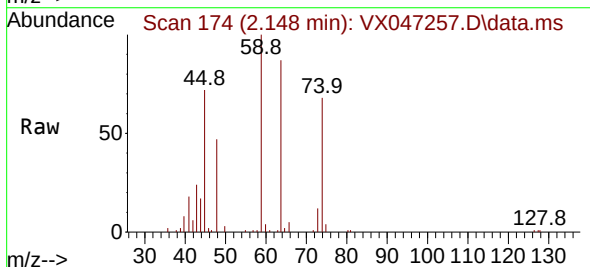
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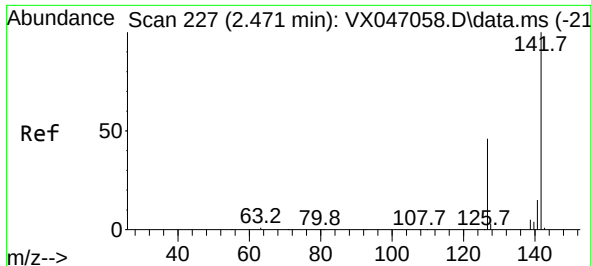
Tgt Ion: 74 Resp: 12390

Ion Ratio Lower Upper

74 100

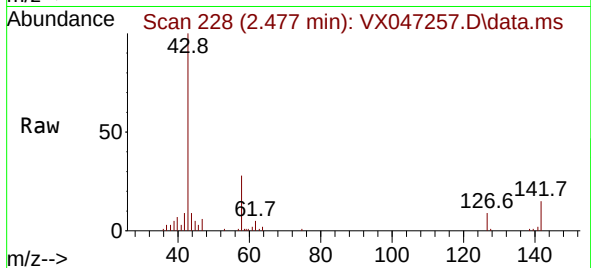
45 105.4 53.0 159.0



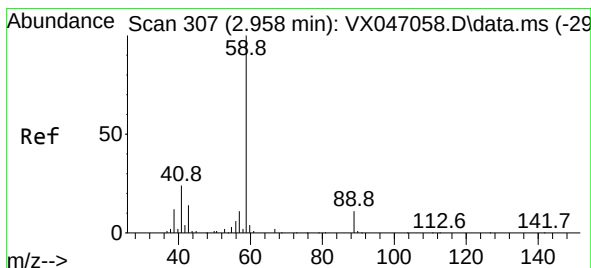
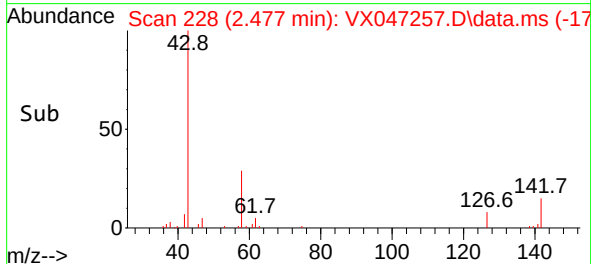
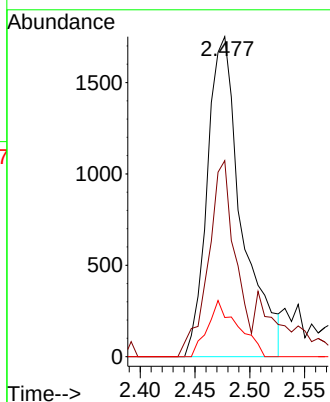


#10
Methyl Iodide
Concen: 1.235 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

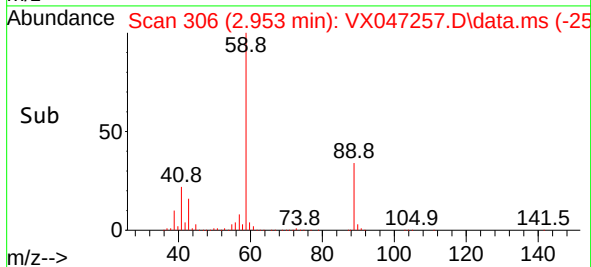
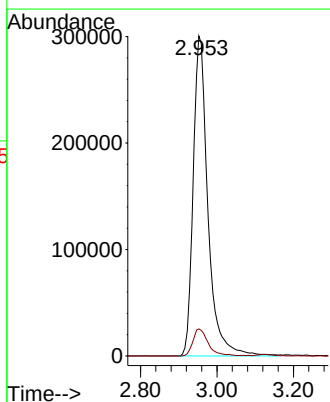
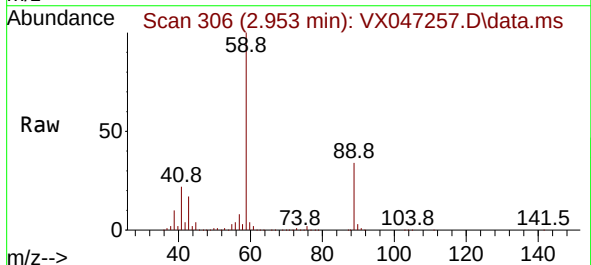


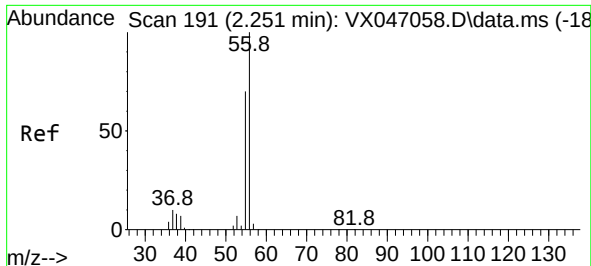
Tgt Ion:142 Resp: 3826
Ion Ratio Lower Upper
142 100
127 48.3 36.6 54.8
141 15.5 10.9 16.3



#11
Tert butyl alcohol
Concen: 2389.467 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 59 Resp: 802930
Ion Ratio Lower Upper
59 100
57 8.8 8.5 12.7





#13

Acrolein

Concen: 0.657 ug/l

RT: 2.245 min Scan# 191

Delta R.T. -0.006 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

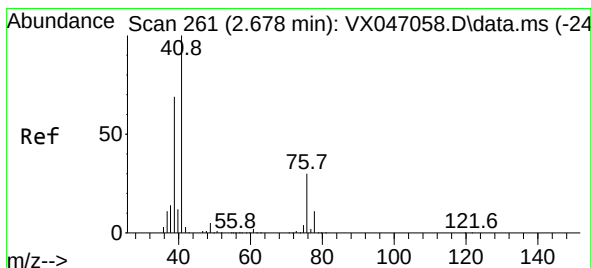
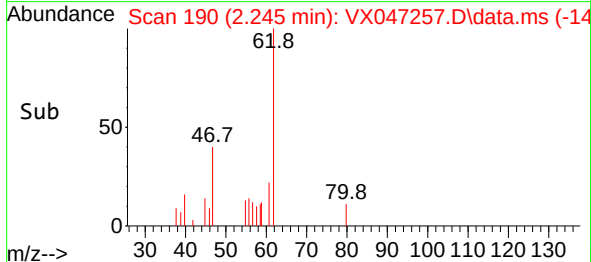
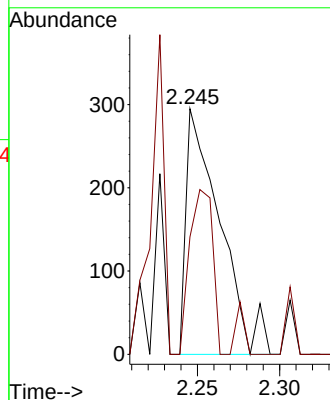
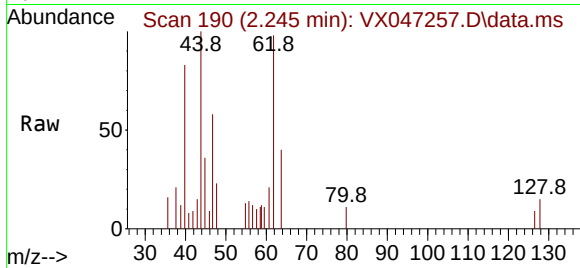
250806078-01 VOA

Tgt Ion: 56 Resp: 422

Ion Ratio Lower Upper

56 100

55 45.7 55.7 83.5#



#14

Allyl chloride

Concen: 1.069 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.031 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

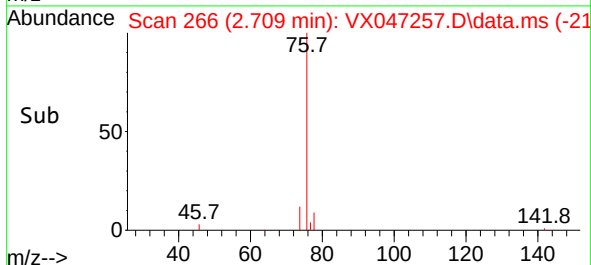
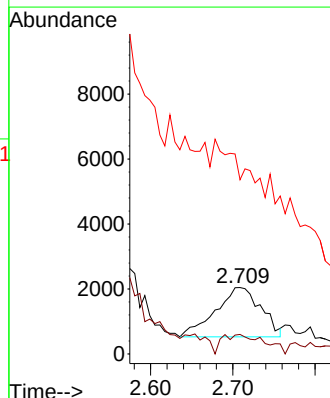
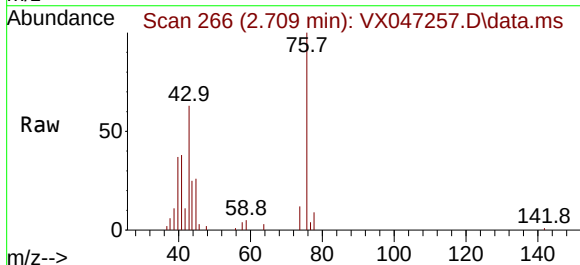
Tgt Ion: 41 Resp: 5818

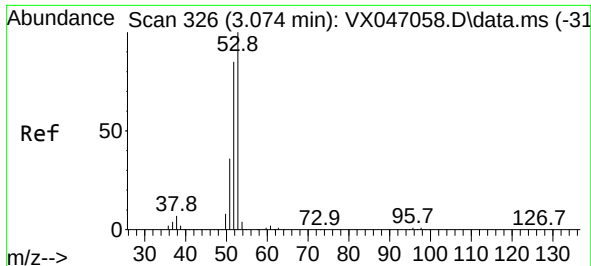
Ion Ratio Lower Upper

41 100

39 0.0 52.6 78.8#

76 0.0 25.7 38.5#

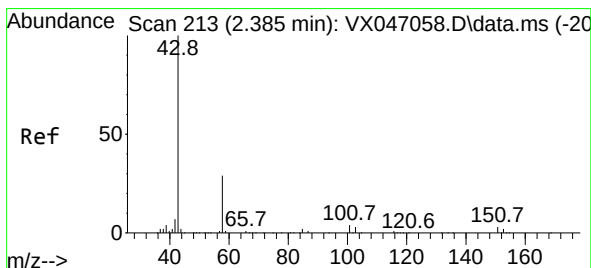
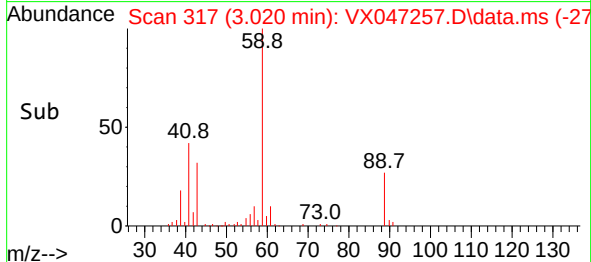
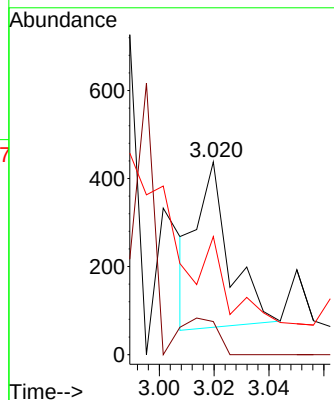
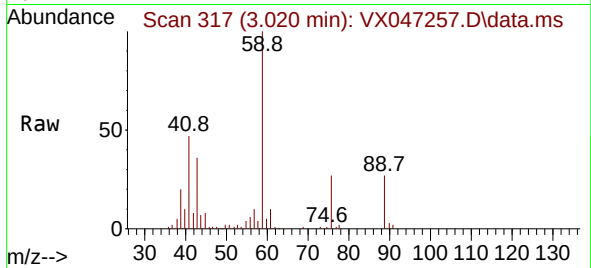




#15
Acrylonitrile
Concen: 0.220 ug/l
RT: 3.020 min Scan# 31
Delta R.T. -0.055 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

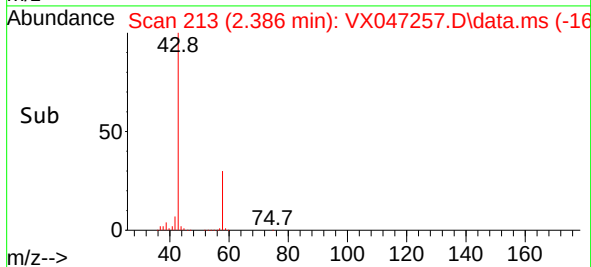
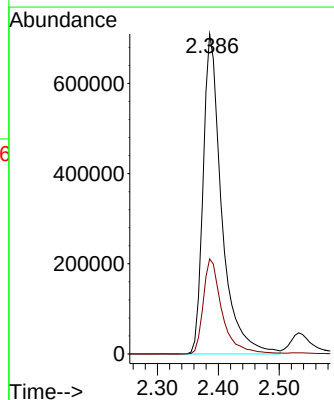
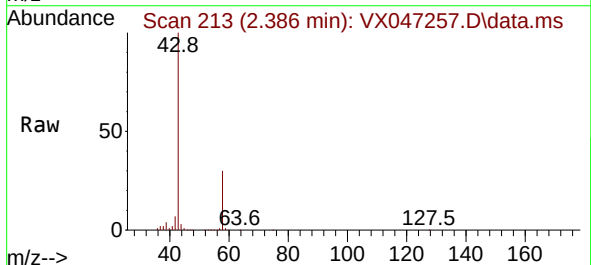
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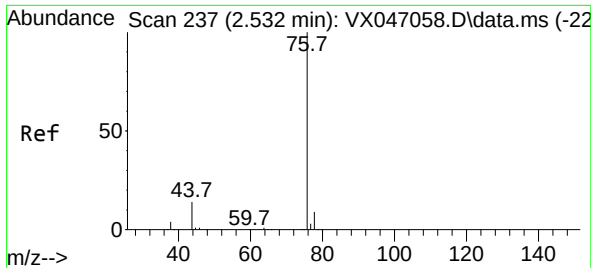
Tgt Ion: 53 Resp: 313
Ion Ratio Lower Upper
53 100
52 18.5 65.7 98.5#
51 0.0 28.8 43.2#



#16
Acetone
Concen: 1255.507 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 43 Resp: 1501067
Ion Ratio Lower Upper
43 100
58 29.7 24.0 36.0

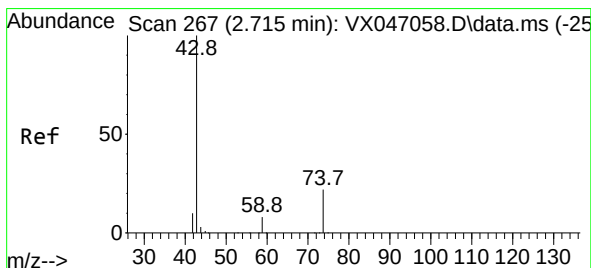
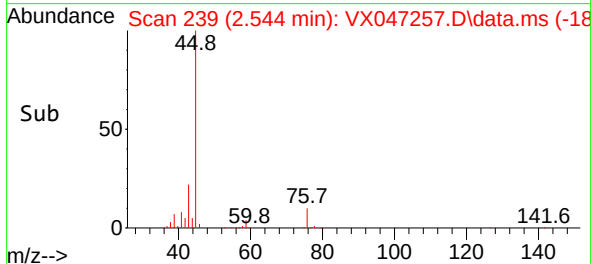
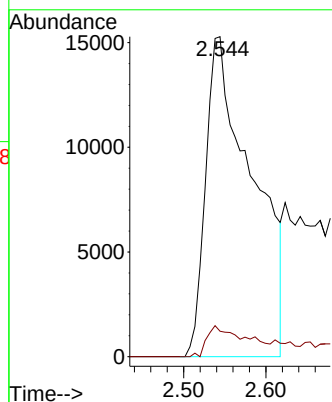
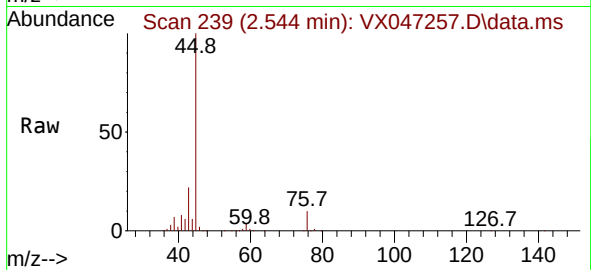




#17
Carbon Disulfide
Concen: 6.894 ug/l
RT: 2.544 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

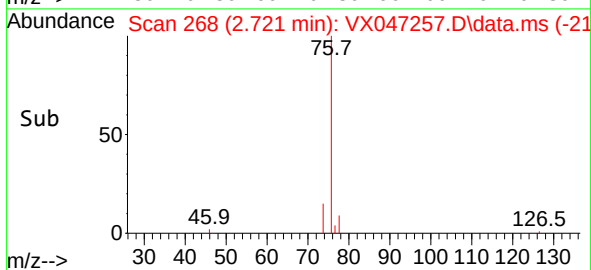
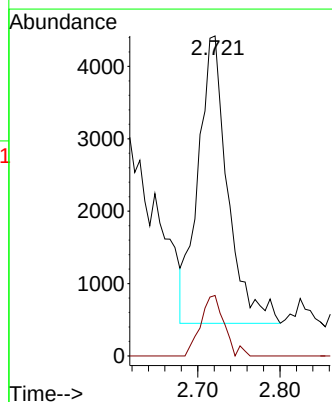
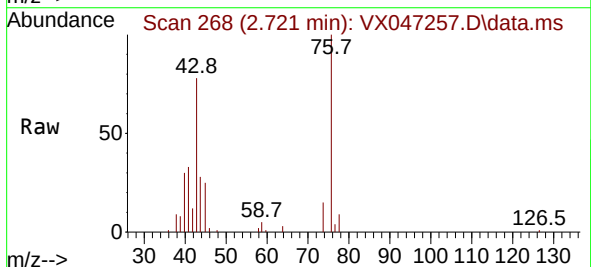
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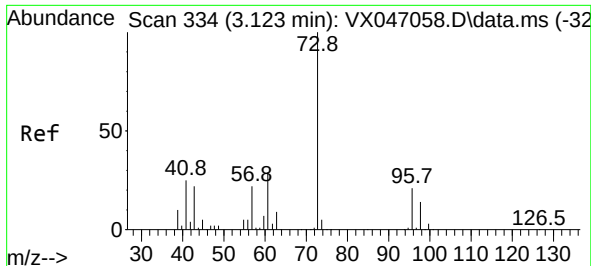
Tgt Ion: 76 Resp: 60052
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.4



#18
Methyl Acetate
Concen: 3.130 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 43 Resp: 9944
Ion Ratio Lower Upper
43 100
74 16.8 17.7 26.5#

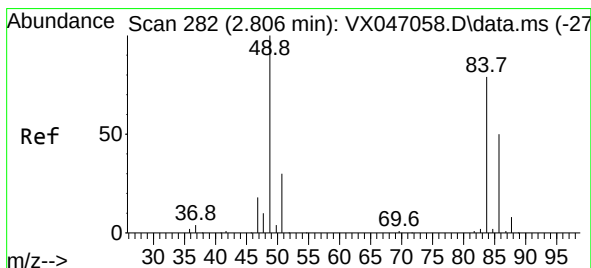
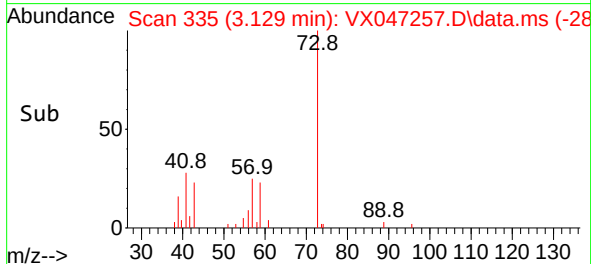
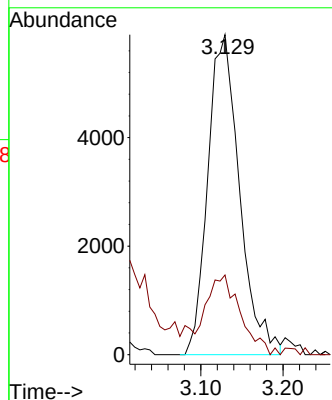
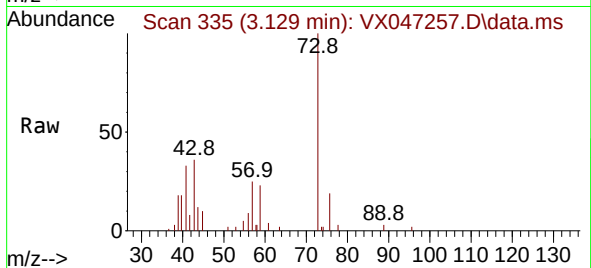




#19
Methyl tert-butyl Ether
Concen: 1.725 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

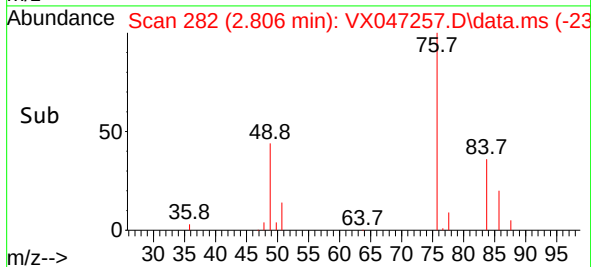
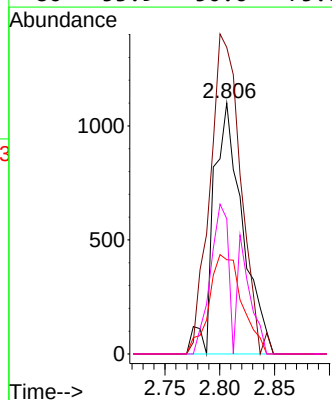
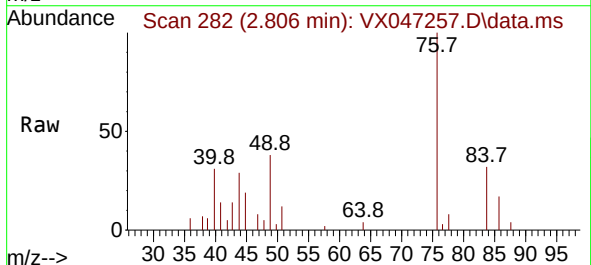
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

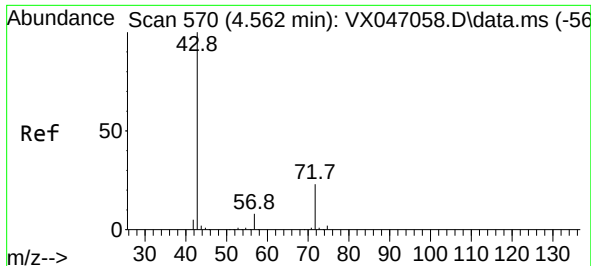
Tgt Ion: 73 Resp: 15808
Ion Ratio Lower Upper
73 100
57 24.4 17.7 26.5



#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 84 Resp: 2014
Ion Ratio Lower Upper
84 100
49 122.1 101.6 152.4
51 37.5 30.3 45.5
86 53.9 50.6 75.8

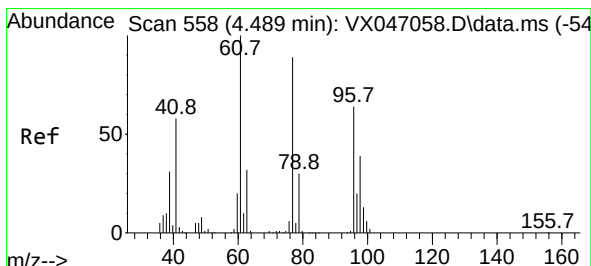
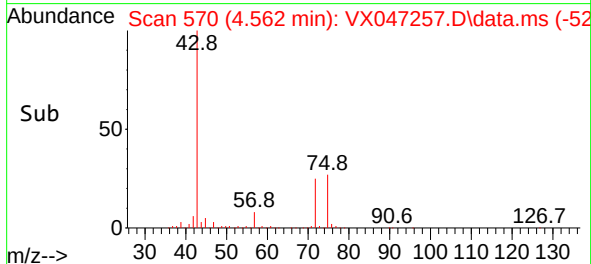
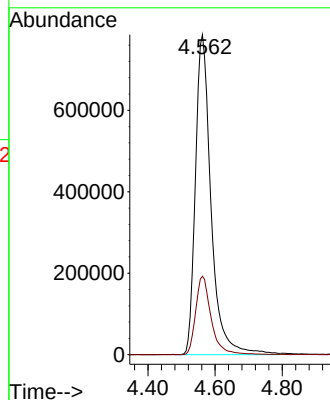
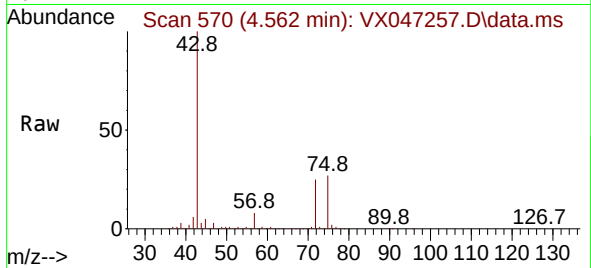




#25
2-Butanone
Concen: 1458.730 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

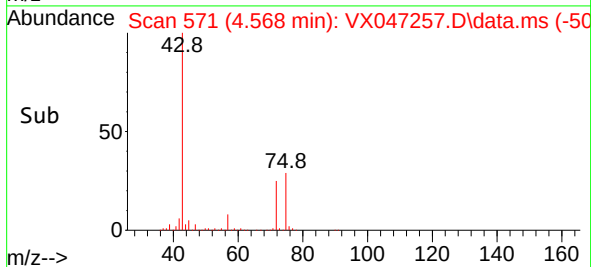
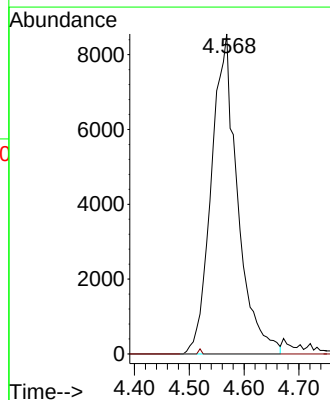
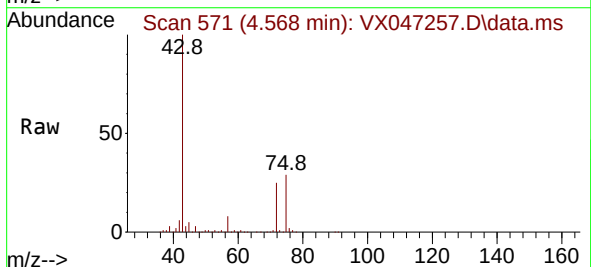
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

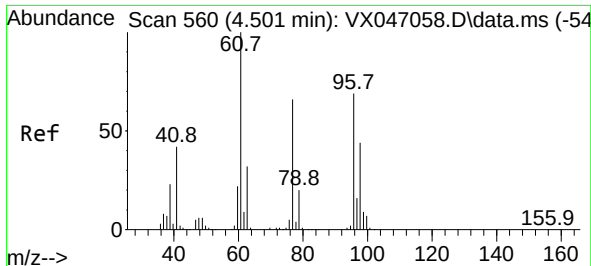
Tgt Ion: 43 Resp: 2539468
Ion Ratio Lower Upper
43 100
72 24.5 18.8 28.2



#26
2,2-Dichloropropane
Concen: 6.306 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.080 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 77 Resp: 28406
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





#27

cis-1,2-Dichloroethene

Concen: 0.353 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

250806078-01 VOA

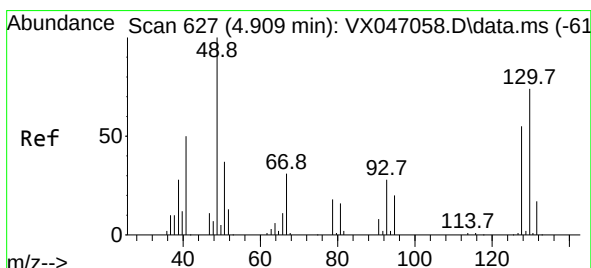
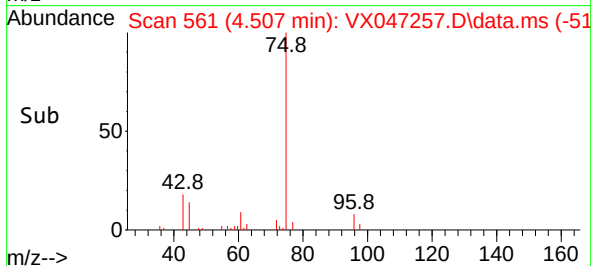
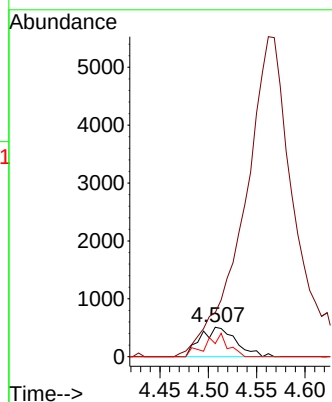
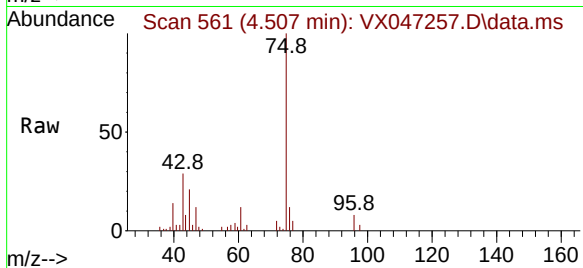
Tgt Ion: 96 Resp: 1288

Ion Ratio Lower Upper

96 100

61 0.0 0.0 298.6

98 49.0 0.0 128.8



#28

Bromochloromethane

Concen: 1.002 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.086 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

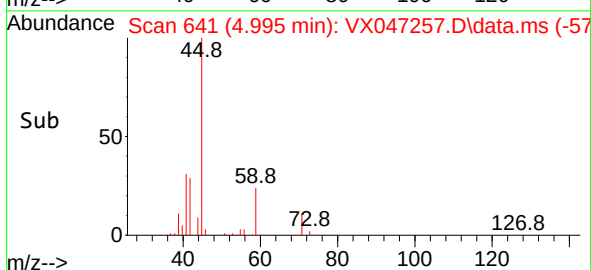
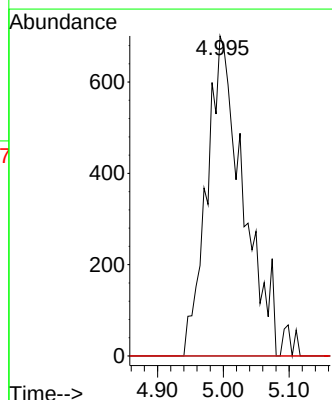
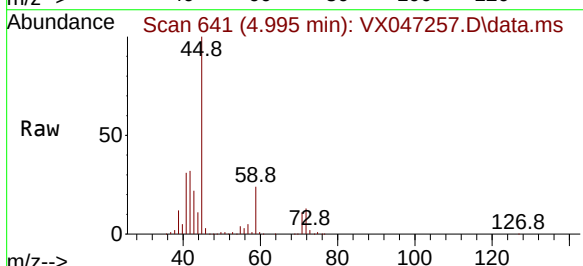
Tgt Ion: 49 Resp: 2683

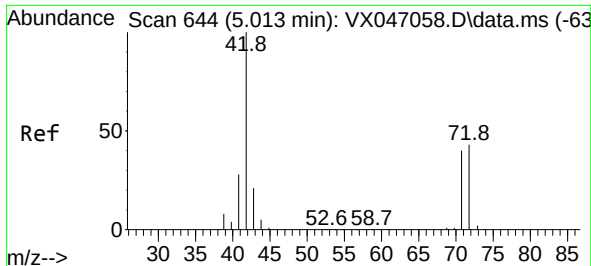
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.0 88.4#





#29

Tetrahydrofuran

Concen: 315.667 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

250806078-01 VOA

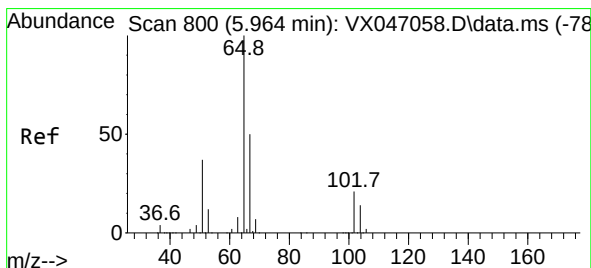
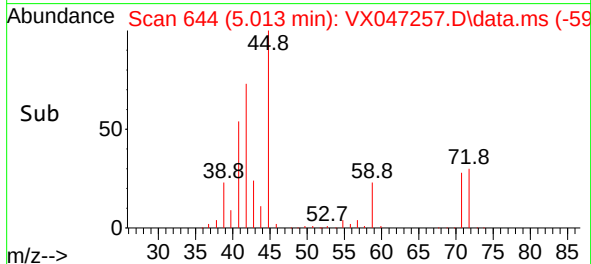
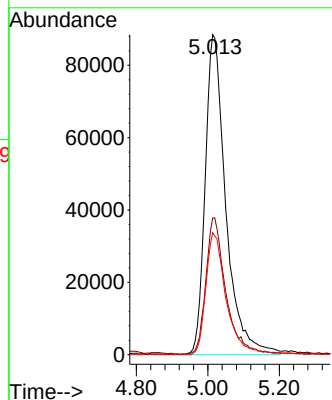
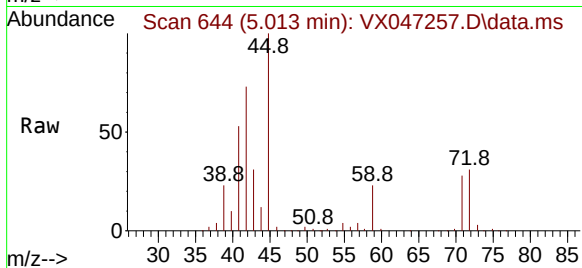
Tgt Ion: 42 Resp: 354569

Ion Ratio Lower Upper

42 100

72 41.2 33.7 50.5

71 37.5 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 48.951 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047257.D

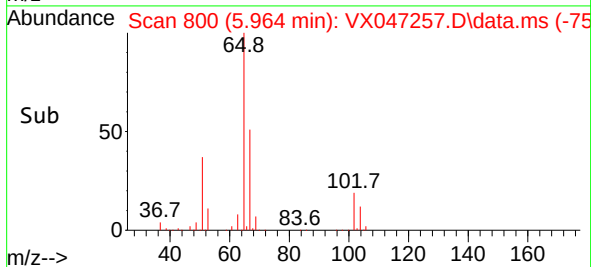
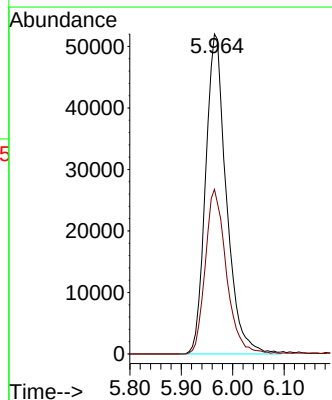
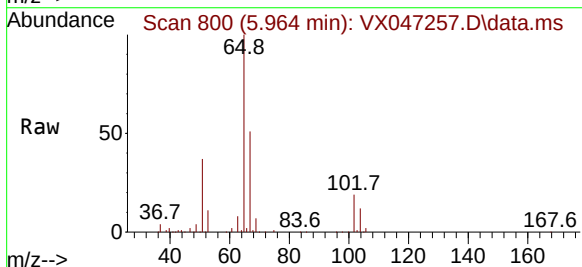
Acq: 07 Aug 2025 13:06

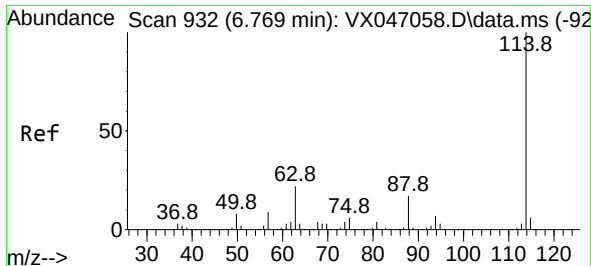
Tgt Ion: 65 Resp: 146093

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8

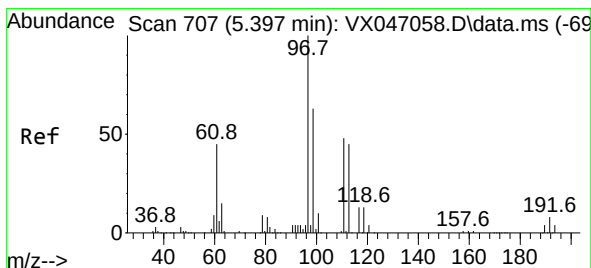
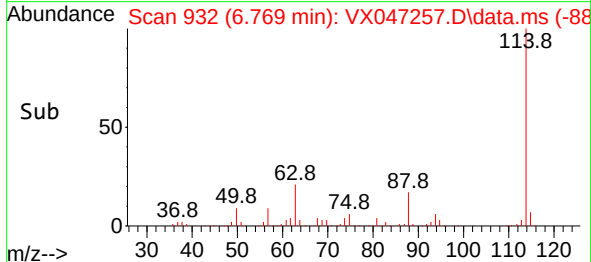
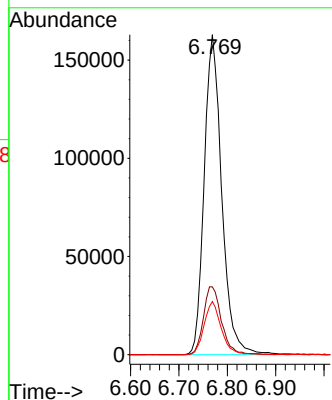
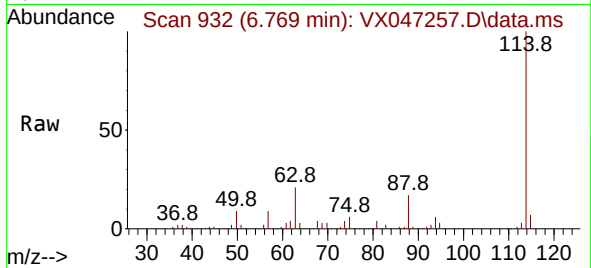




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

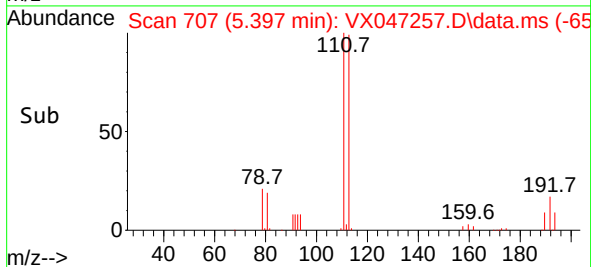
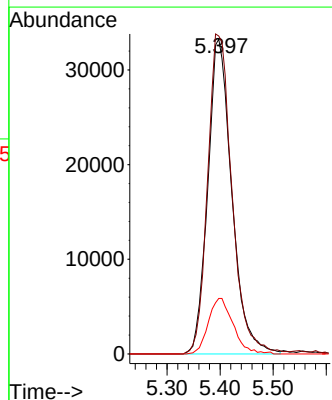
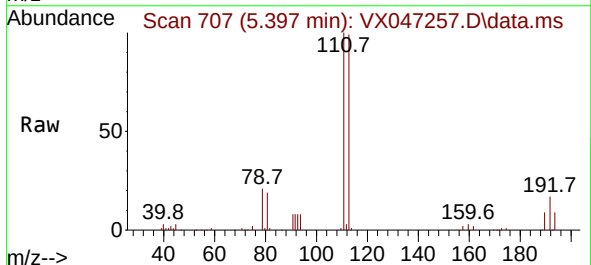
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

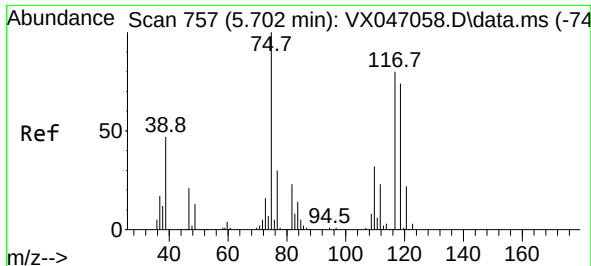
Tgt Ion:114 Resp: 411318
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 41.222 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

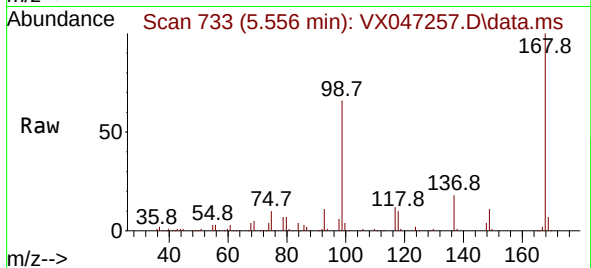
Tgt Ion:113 Resp: 104688
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.3 14.9 22.3



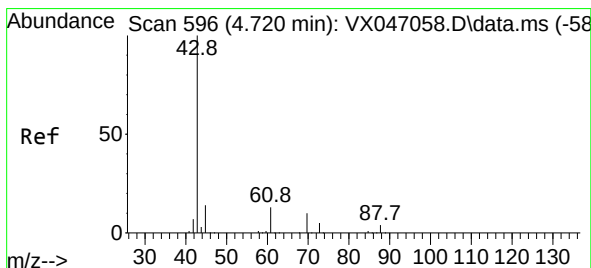
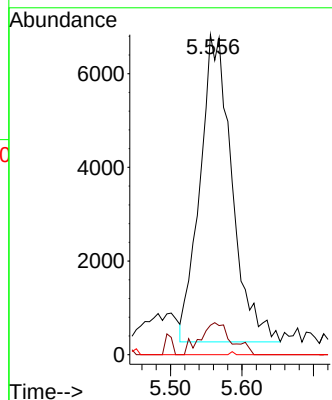
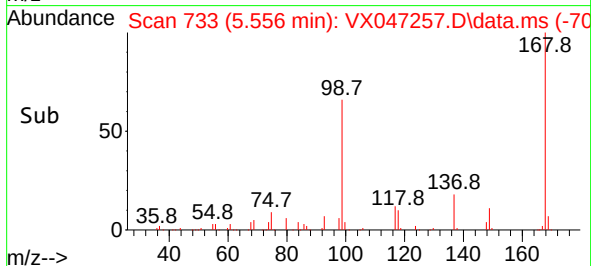


#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

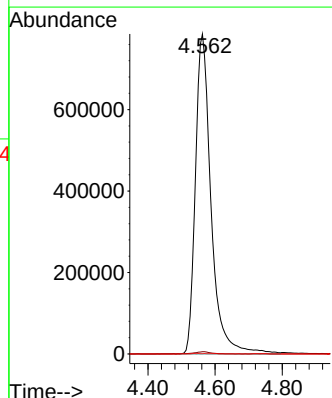
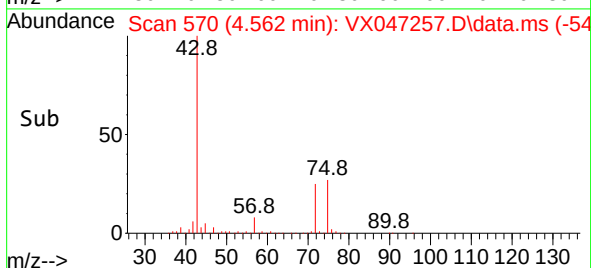
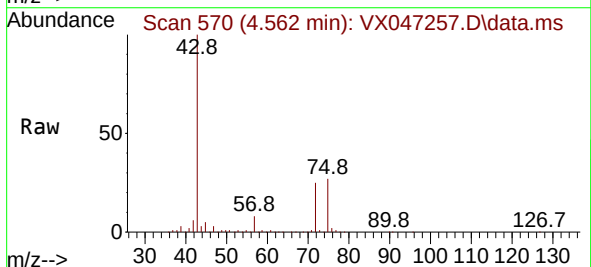


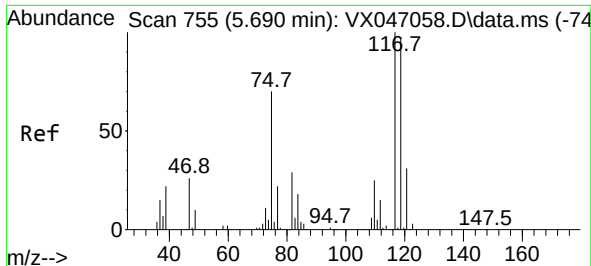
Tgt Ion: 75 Resp: 20404
Ion Ratio Lower Upper
75 100
110 10.1 17.2 51.5#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 636.622 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.158 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

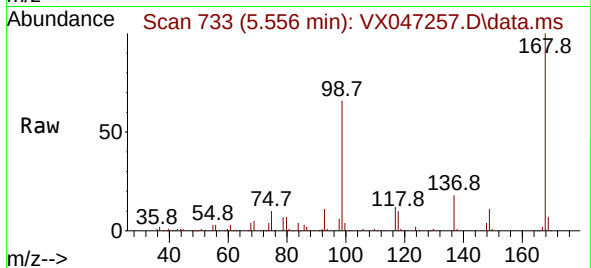
Tgt Ion: 43 Resp: 2539468
Ion Ratio Lower Upper
43 100
61 0.8 10.2 15.2#
70 0.1 8.1 12.1#



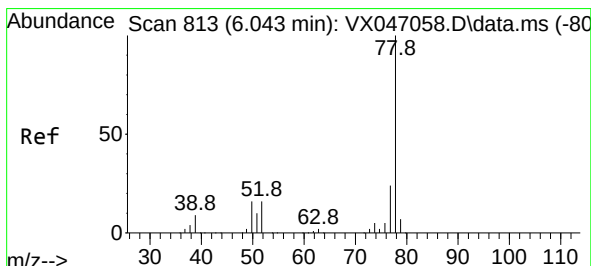
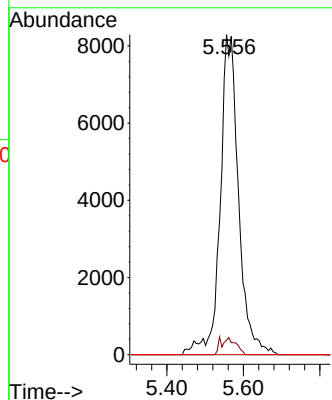
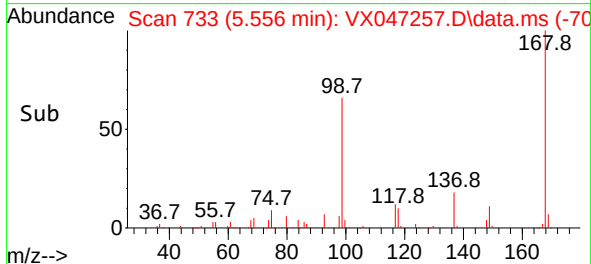


#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

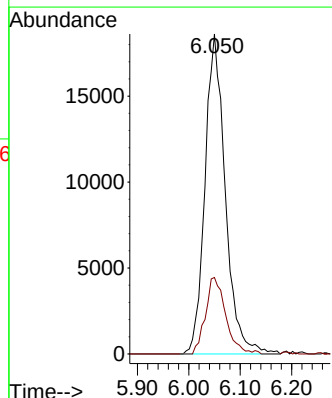
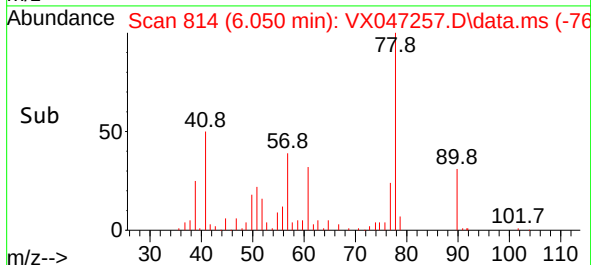
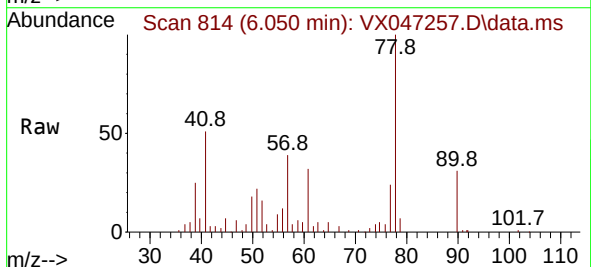


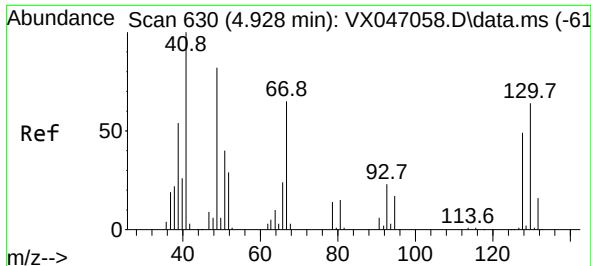
Tgt Ion:117 Resp: 27706
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 4.075 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 78 Resp: 51048
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4

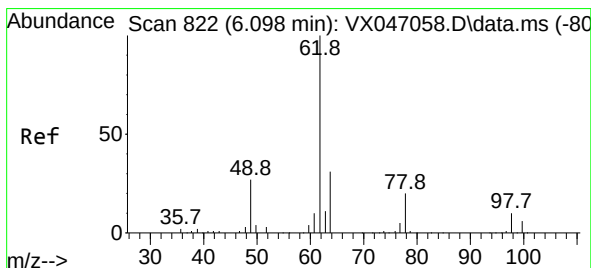
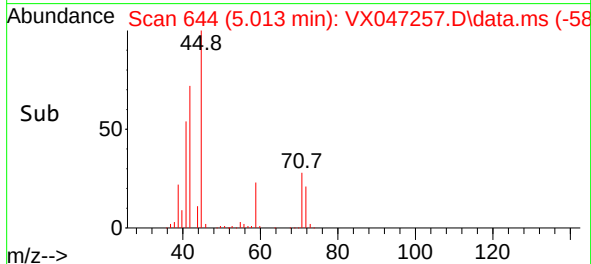
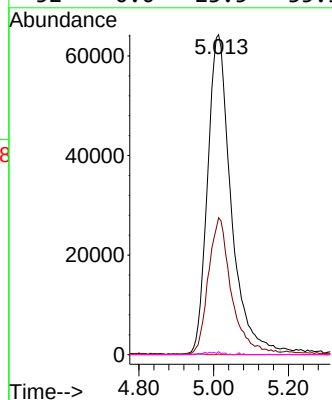
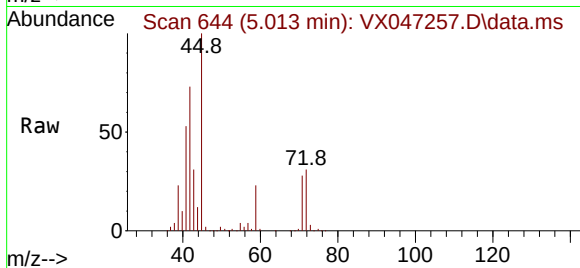




#41
Methacrylonitrile
Concen: 134.473 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.086 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

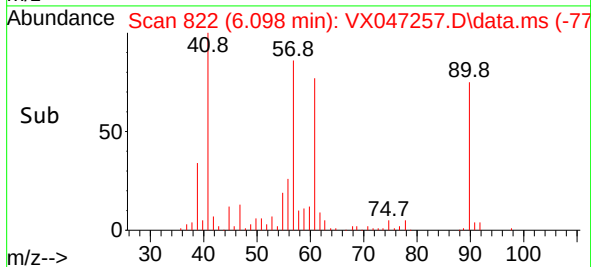
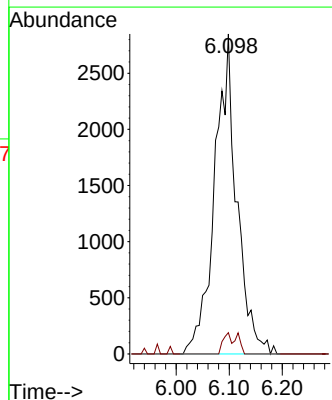
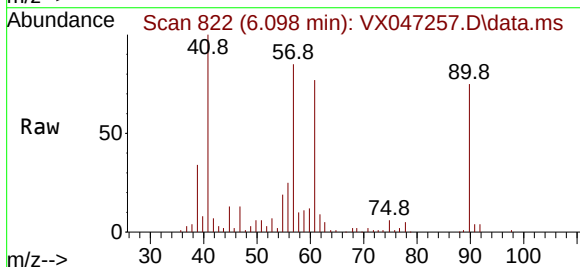
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

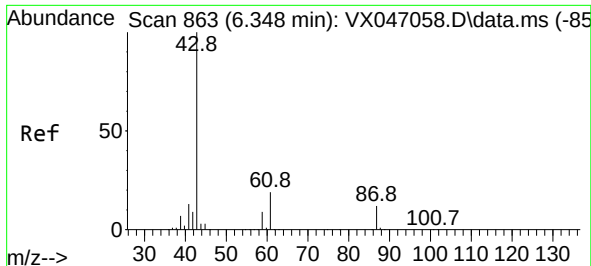
Tgt Ion: 41 Resp: 280470
Ion Ratio Lower Upper
41 100
39 42.0 44.2 66.2#
67 0.0 56.4 84.6#
52 0.0 23.5 35.3#



#42
1,2-Dichloroethane
Concen: 1.867 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 62 Resp: 8239
Ion Ratio Lower Upper
62 100
98 2.4 0.0 18.8

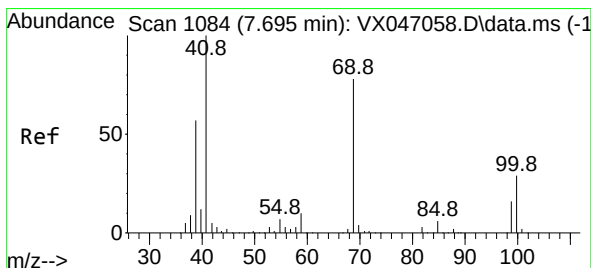
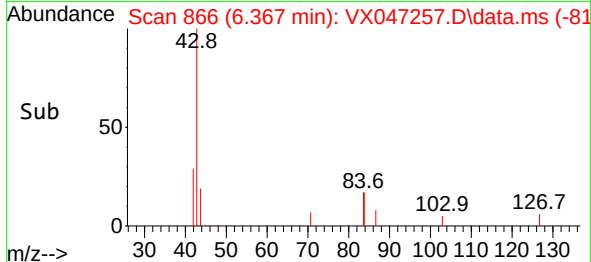
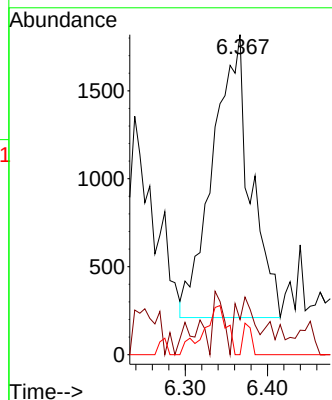
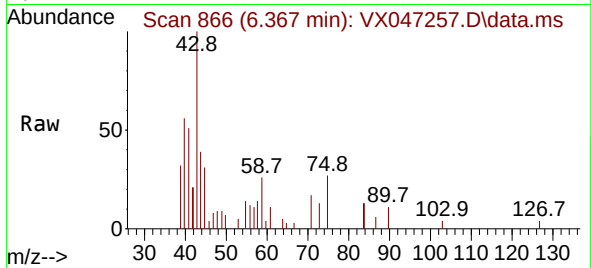




#43
Isopropyl Acetate
Concen: 0.823 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

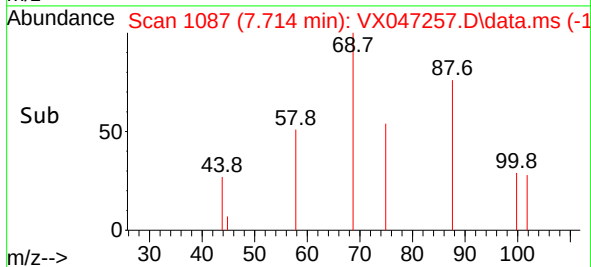
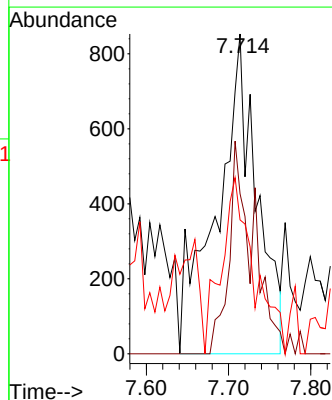
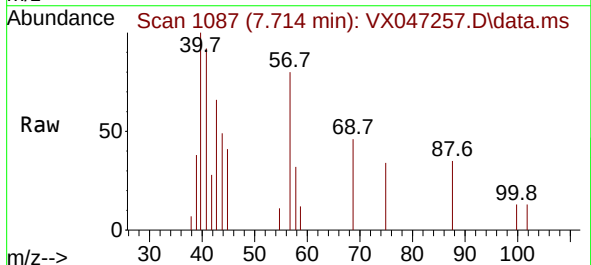
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

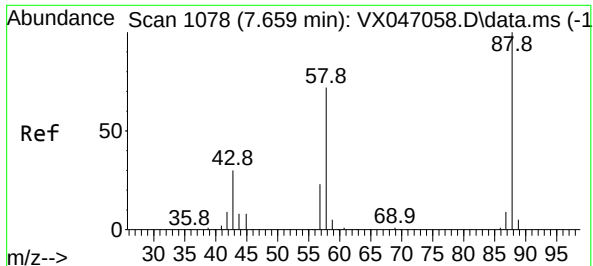
Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
61 0.0 15.1 22.7#
87 2.4 9.7 14.5#



#48
Methyl methacrylate
Concen: 0.848 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.019 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 41 Resp: 2873
Ion Ratio Lower Upper
41 100
69 27.0 62.3 93.5#
39 45.0 44.8 67.2





#49

1,4-Dioxane

Concen: 10.978 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.031 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

250806078-01 VOA

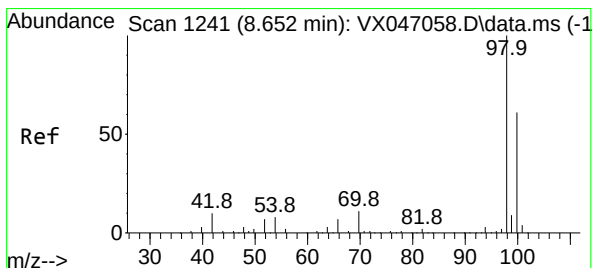
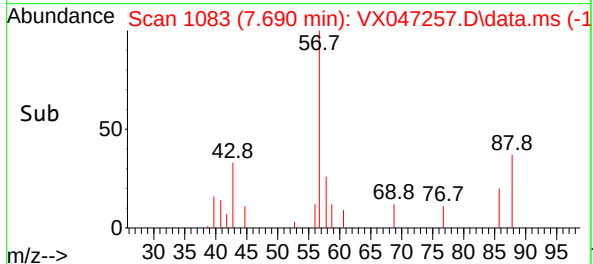
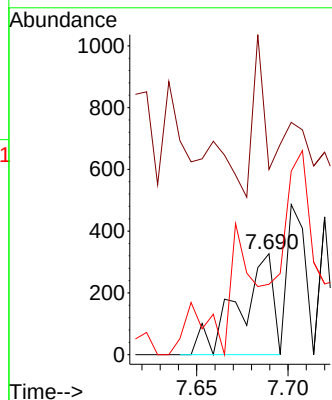
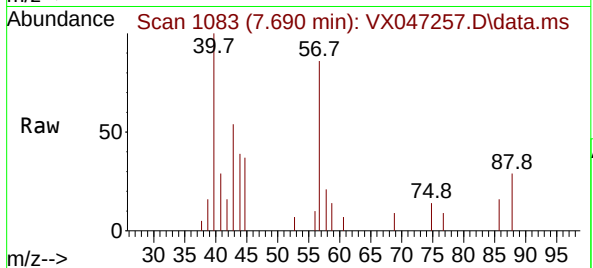
Tgt Ion: 88 Resp: 423

Ion Ratio Lower Upper

88 100

43 0.0 33.6 50.4#

58 0.0 58.8 88.2#



#50

Toluene-d8

Concen: 45.465 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047257.D

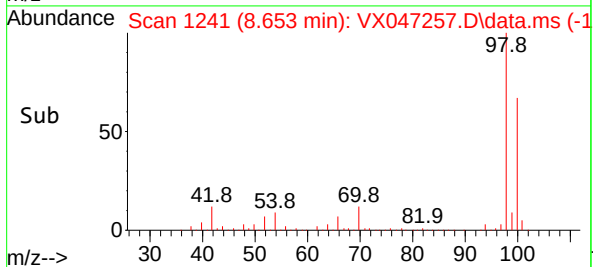
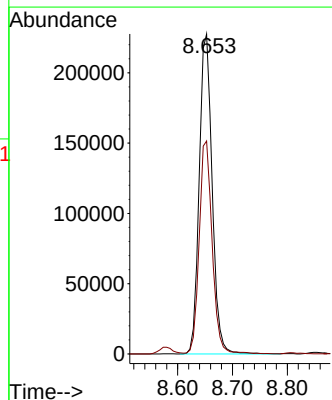
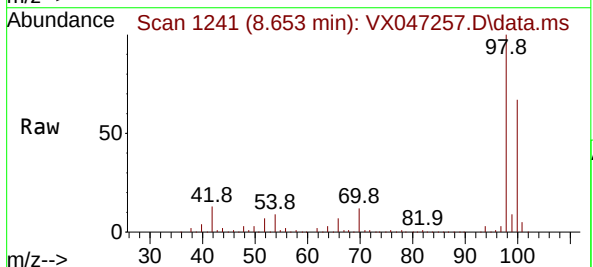
Acq: 07 Aug 2025 13:06

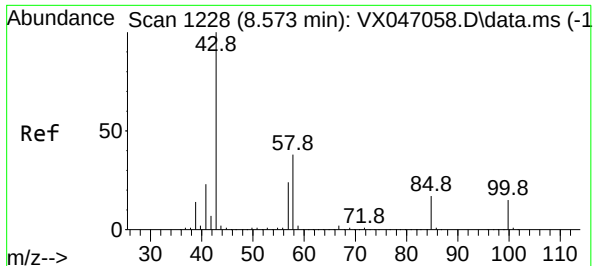
Tgt Ion: 98 Resp: 373923

Ion Ratio Lower Upper

98 100

100 66.8 53.3 79.9

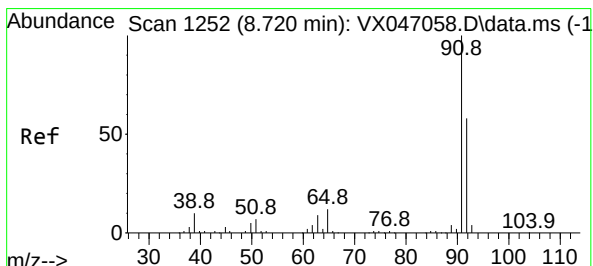
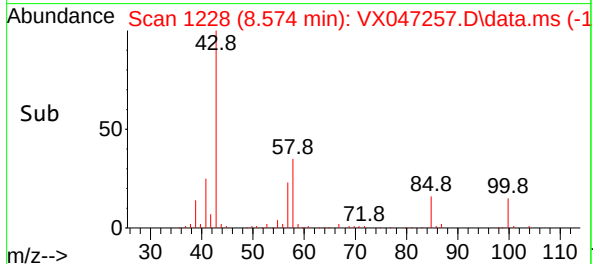
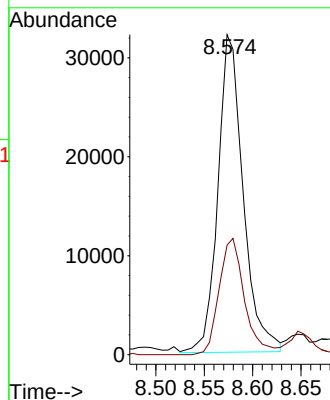
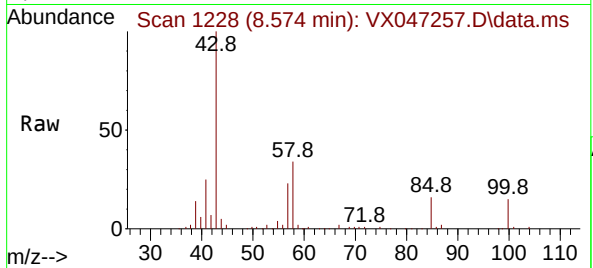




#51
4-Methyl-2-Pentanone
Concen: 15.765 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

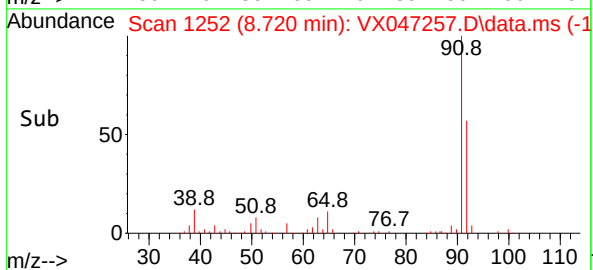
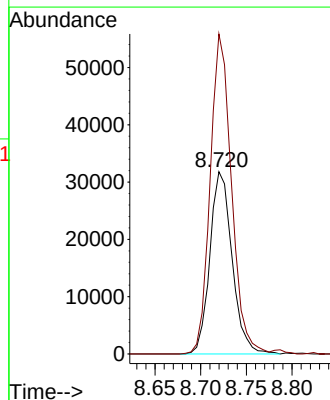
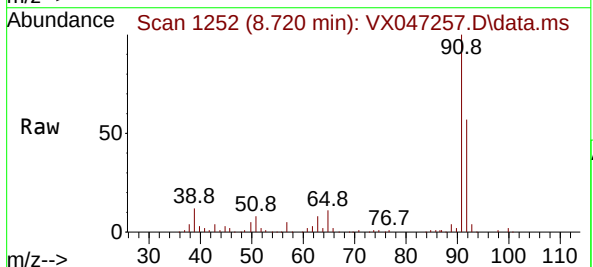
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

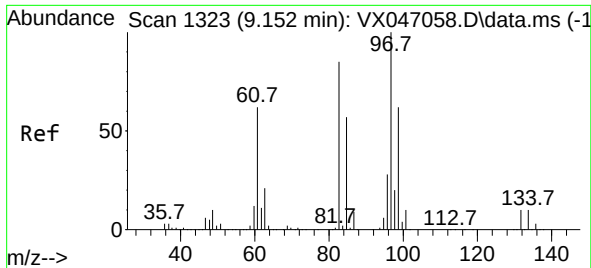
Tgt Ion: 43 Resp: 58272
Ion Ratio Lower Upper
43 100
58 36.6 30.6 45.8



#52
Toluene
Concen: 6.981 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 92 Resp: 53779
Ion Ratio Lower Upper
92 100
91 168.1 137.9 206.9

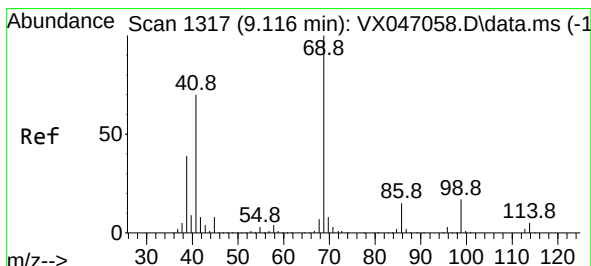
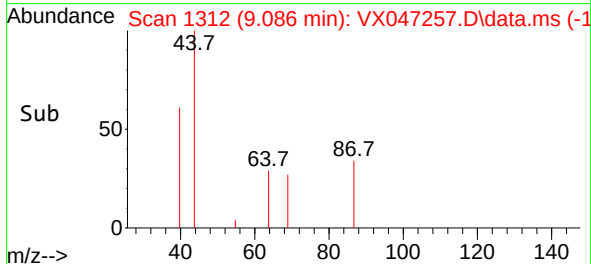
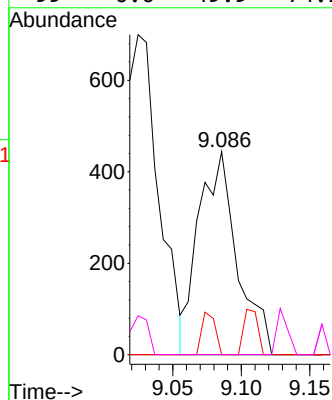
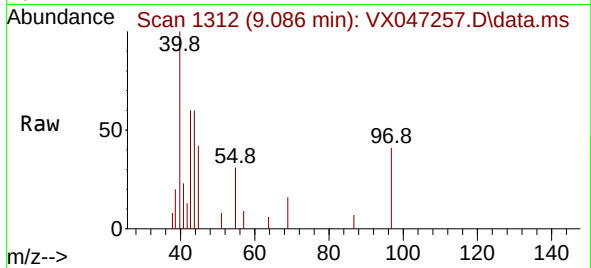




#55
1,1,2-Trichloroethane
Concen: 0.301 ug/l
RT: 9.086 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

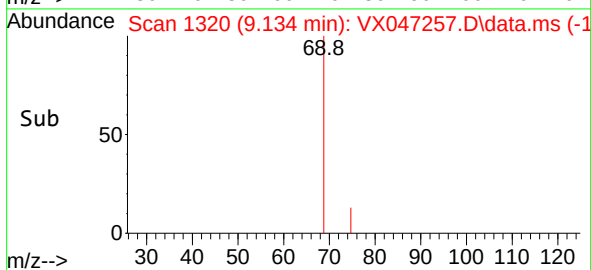
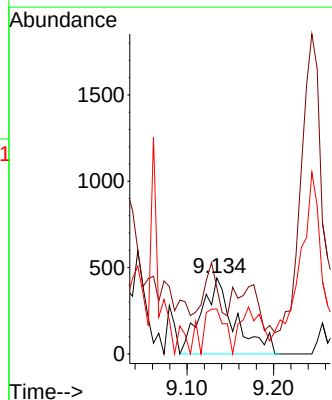
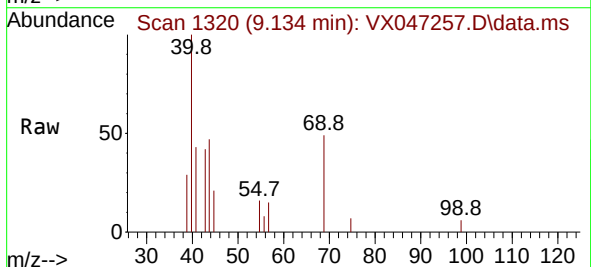
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

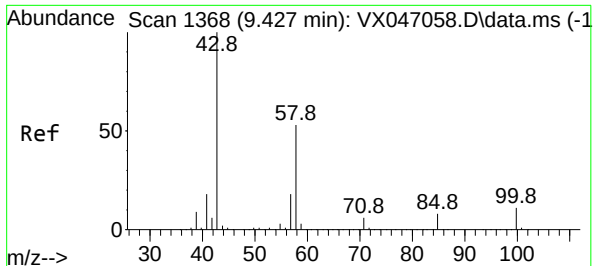
Tgt Ion:	97	Resp:	870
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.0	102.0#
85	0.0	45.2	67.8#
99	0.0	49.9	74.9#



#56
Ethyl methacrylate
Concen: 0.277 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.019 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion:	69	Resp:	1183
Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.1	84.1#
39	40.2	31.1	46.7





#59

2-Hexanone

Concen: 1.471 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

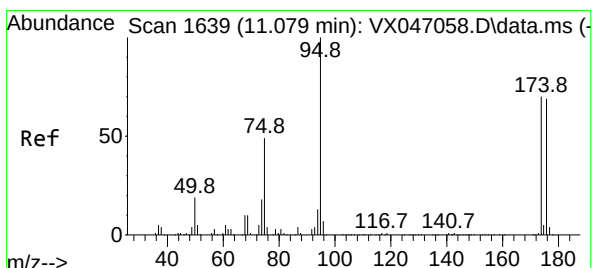
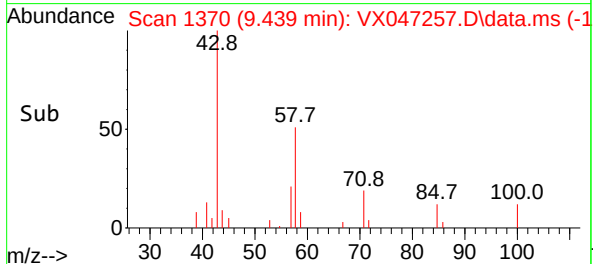
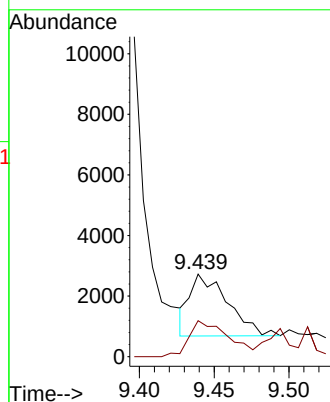
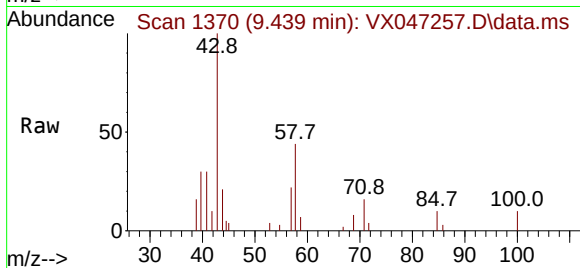
250806078-01 VOA

Tgt Ion: 43 Resp: 3592

Ion Ratio Lower Upper

43 100

58 60.6 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 51.638 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

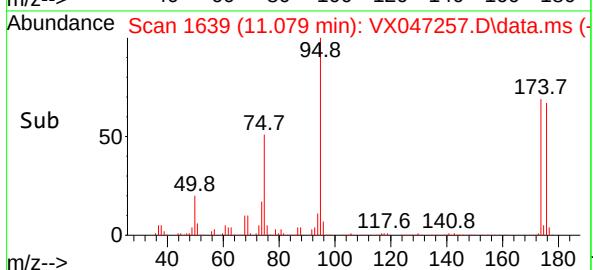
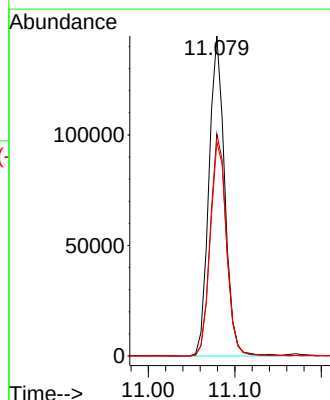
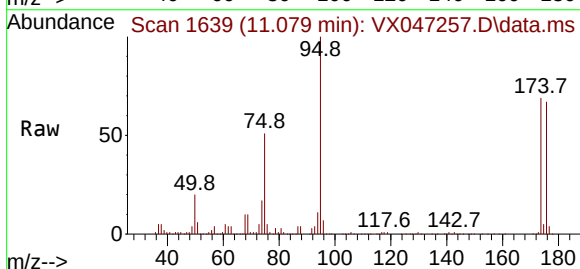
Tgt Ion: 95 Resp: 183021

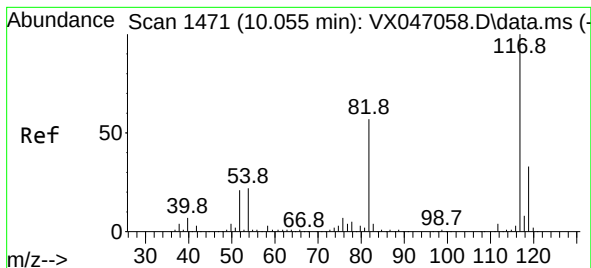
Ion Ratio Lower Upper

95 100

174 71.2 0.0 144.6

176 69.0 0.0 139.6

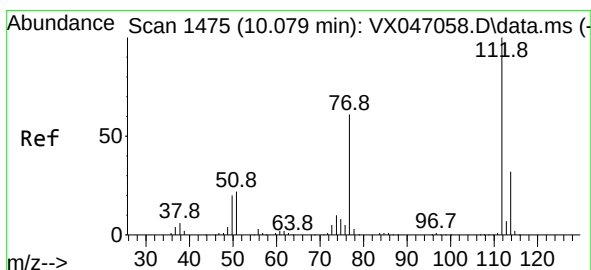
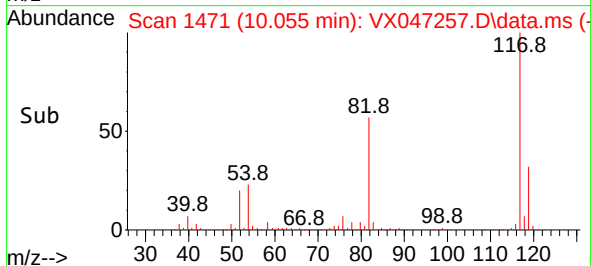
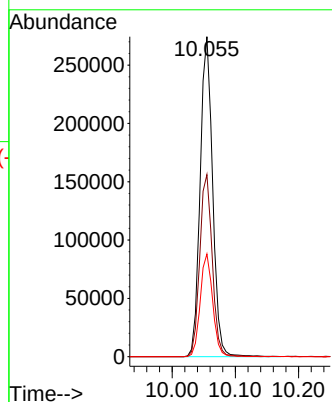
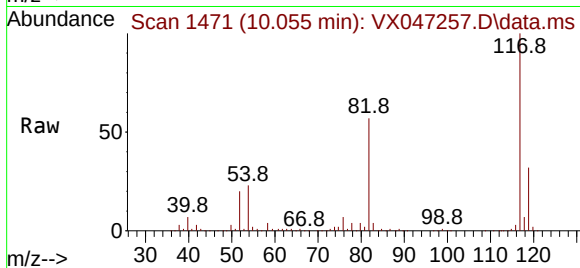




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

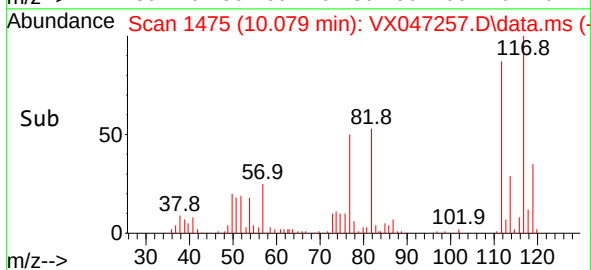
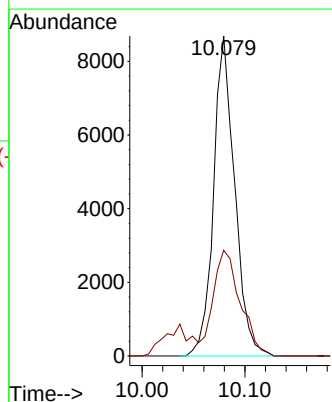
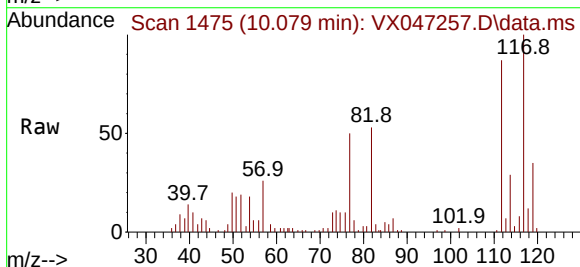
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

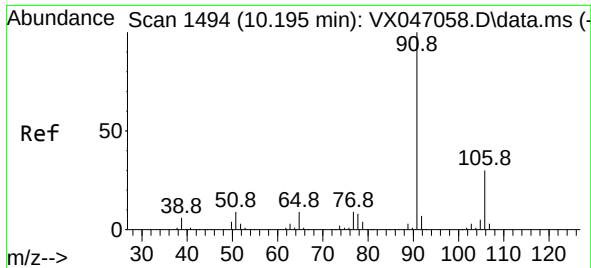
Tgt Ion:117 Resp: 376839
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 32.1 26.1 39.1



#65
Chlorobenzene
Concen: 1.403 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion:112 Resp: 12387
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6





#67

Ethyl Benzene

Concen: 9.059 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

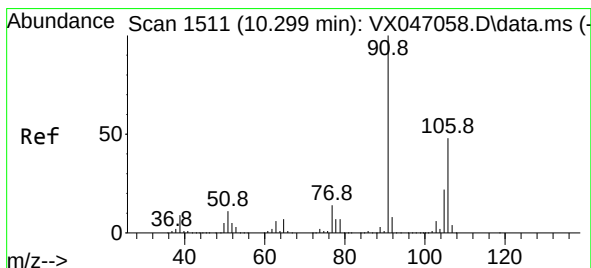
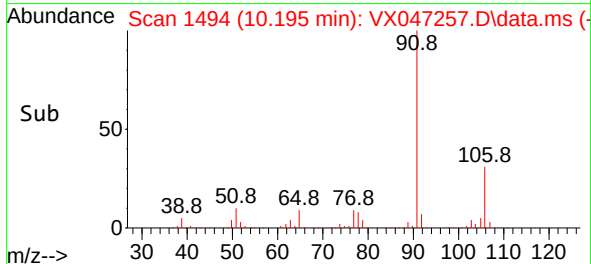
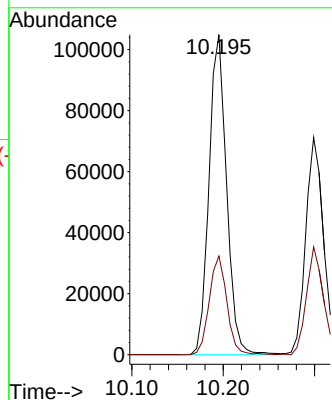
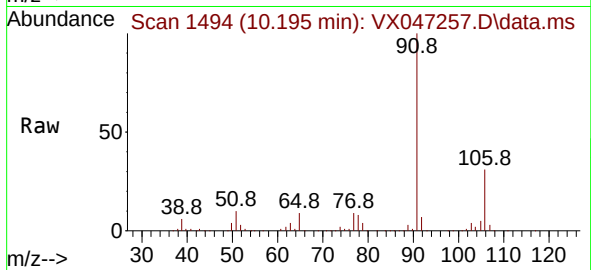
250806078-01 VOA

Tgt Ion: 91 Resp: 139824

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.4



#68

m/p-Xylenes

Concen: 7.981 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047257.D

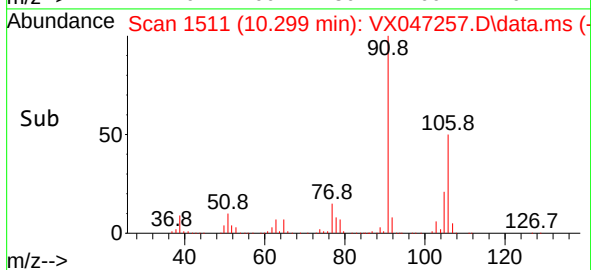
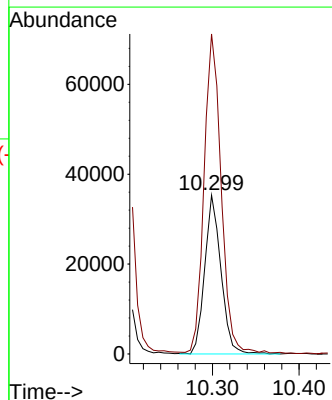
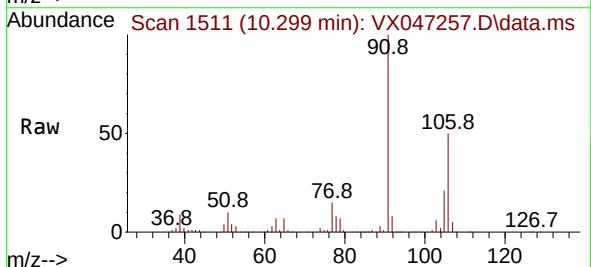
Acq: 07 Aug 2025 13:06

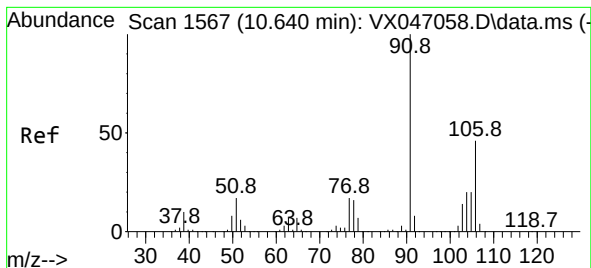
Tgt Ion:106 Resp: 46098

Ion Ratio Lower Upper

106 100

91 212.2 167.4 251.0





#69

o-Xylene

Concen: 4.939 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

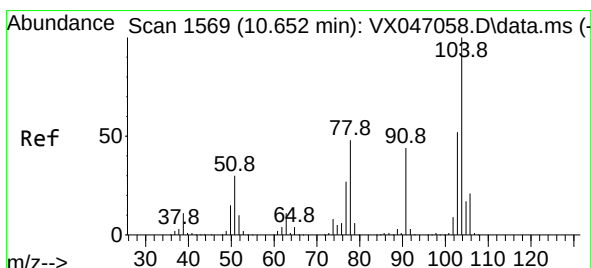
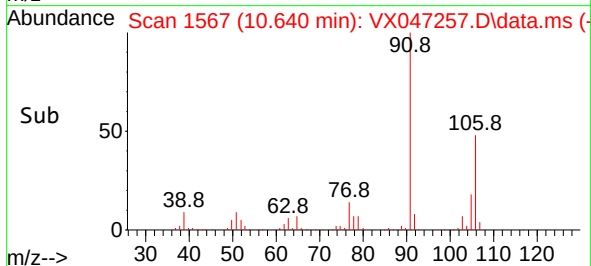
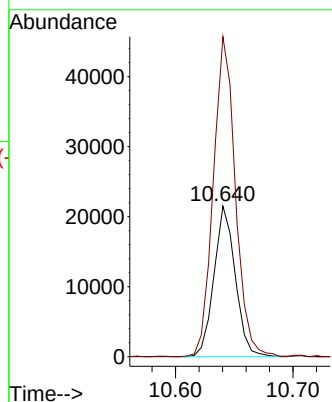
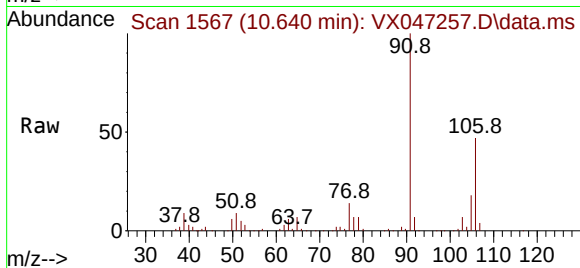
250806078-01 VOA

Tgt Ion:106 Resp: 27143

Ion Ratio Lower Upper

106 100

91 220.4 110.3 331.0



#70

Styrene

Concen: 0.557 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

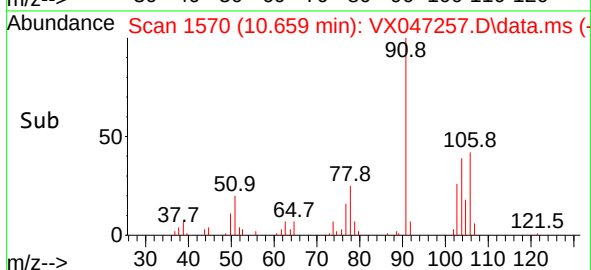
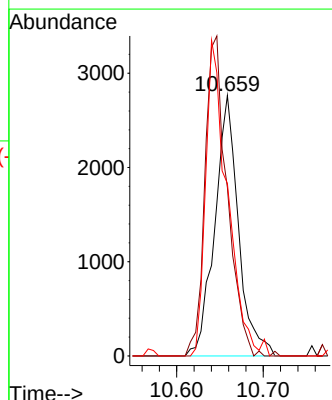
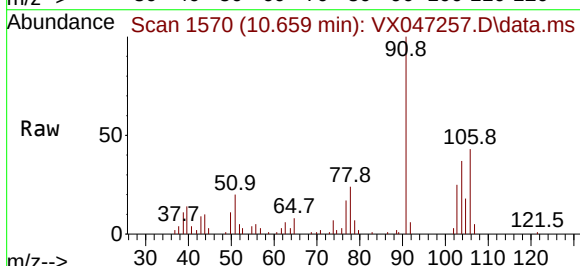
Tgt Ion:104 Resp: 5250

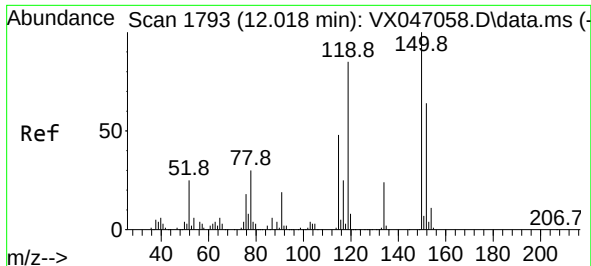
Ion Ratio Lower Upper

104 100

78 114.9 42.0 63.0#

103 111.2 43.8 65.6#

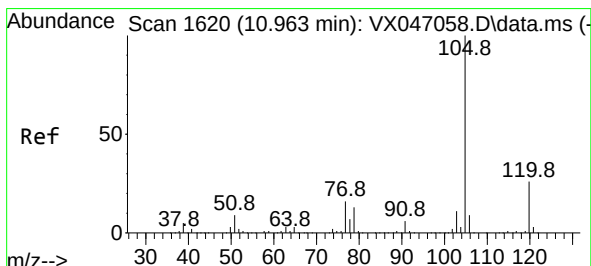
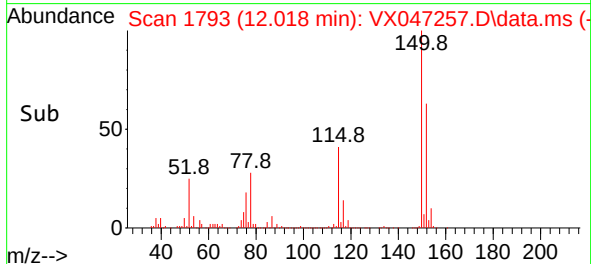
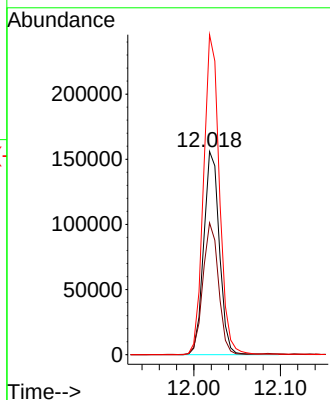
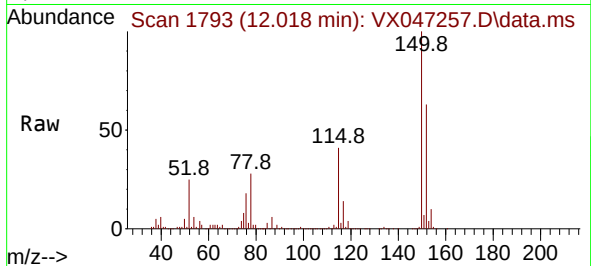




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

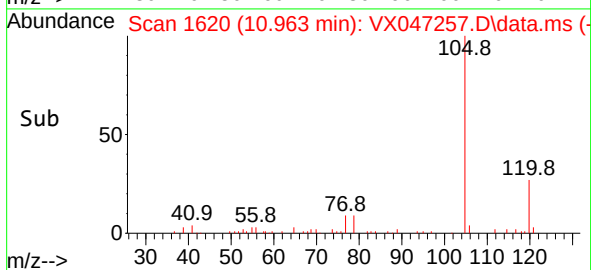
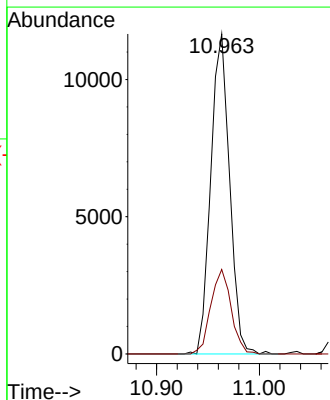
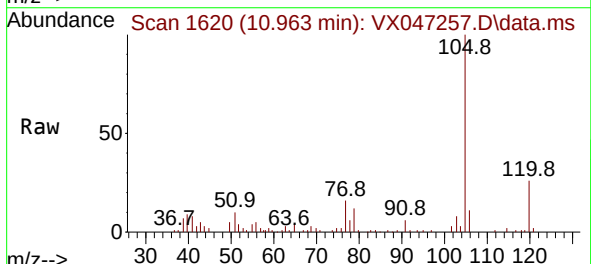
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

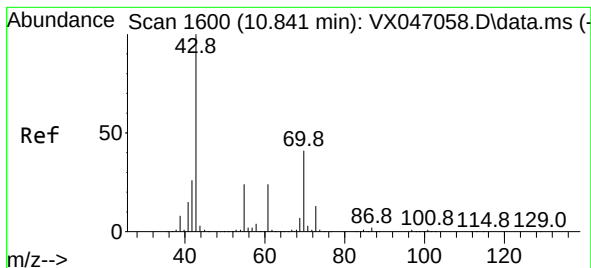
Tgt Ion:152 Resp: 195537
Ion Ratio Lower Upper
152 100
115 64.4 45.6 136.7
150 159.7 0.0 354.6



#73
Isopropylbenzene
Concen: 0.958 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion:105 Resp: 14783
Ion Ratio Lower Upper
105 100
120 28.5 12.9 38.7





#74

N-amy1 acetate

Concen: 0.892 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.049 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

250806078-01 VOA

Tgt Ion: 43 Resp: 5553

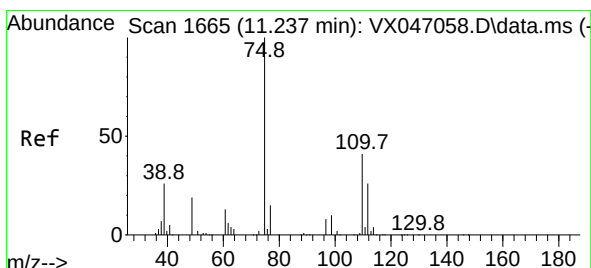
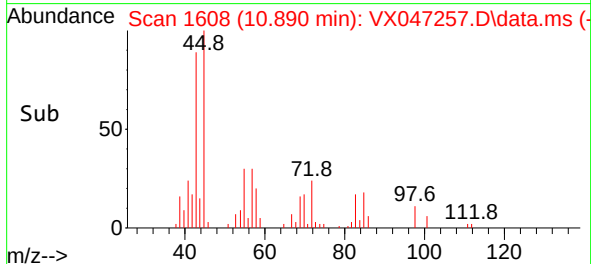
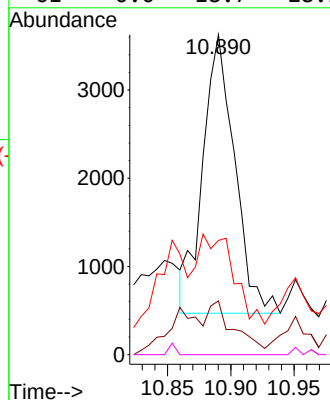
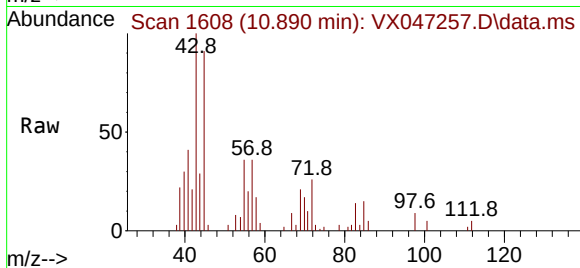
Ion Ratio Lower Upper

43 100

70 13.6 32.3 48.5#

55 36.8 18.9 28.3#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 25.817 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047257.D

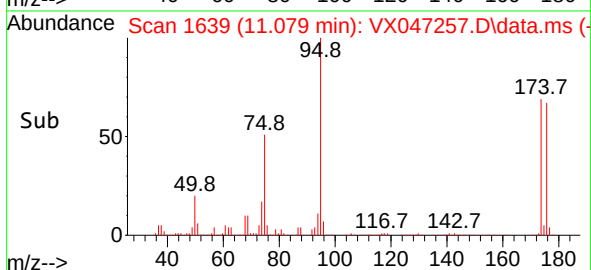
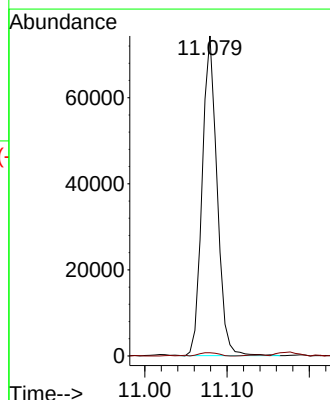
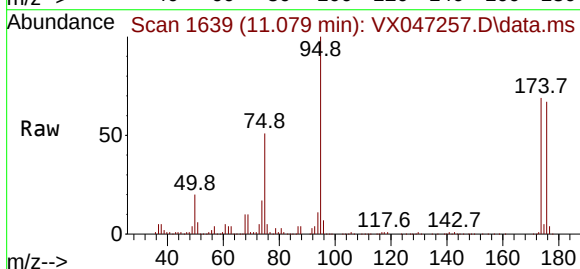
Acq: 07 Aug 2025 13:06

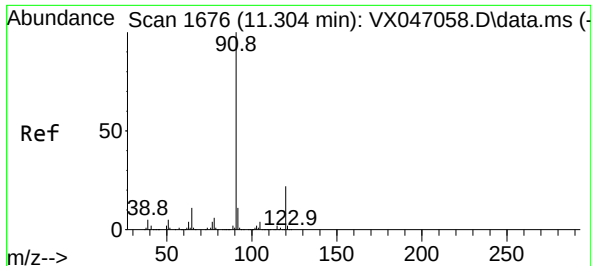
Tgt Ion: 75 Resp: 93438

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#

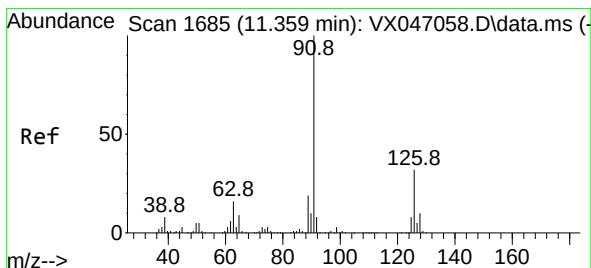
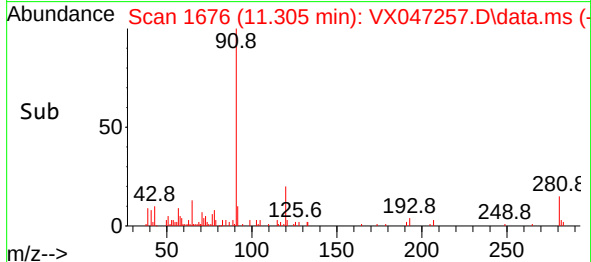
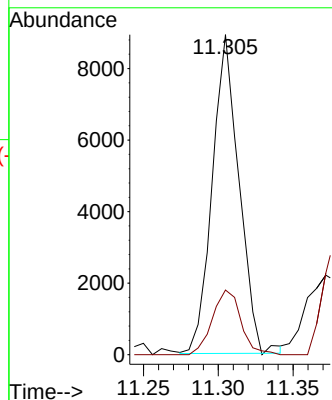
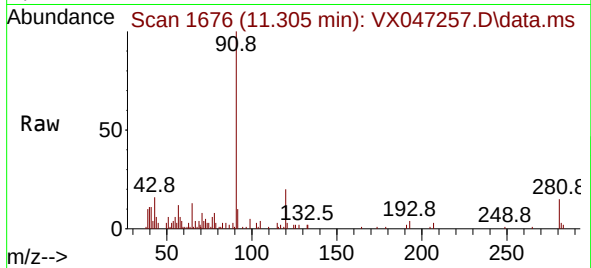




#78
n-propylbenzene
Concen: 0.601 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

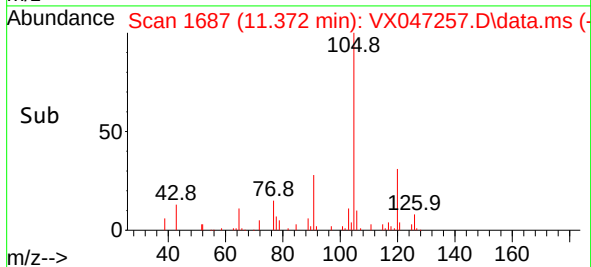
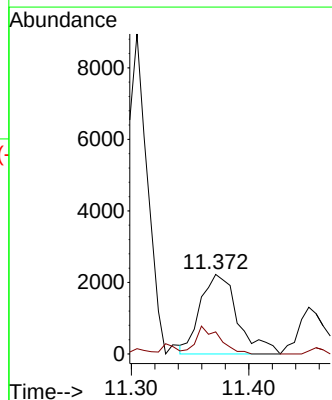
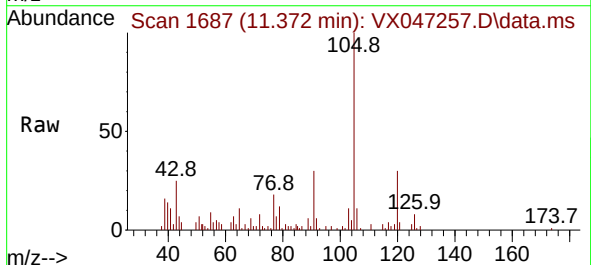
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

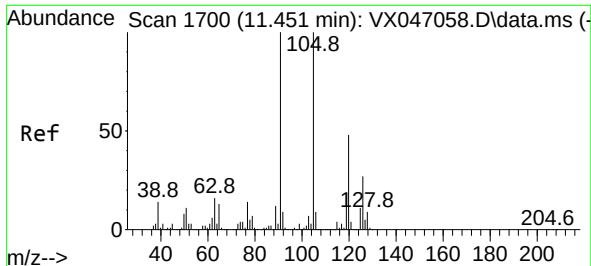
Tgt Ion: 91 Resp: 11088
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.445 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.012 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 91 Resp: 4906
Ion Ratio Lower Upper
91 100
126 22.3 16.4 49.4

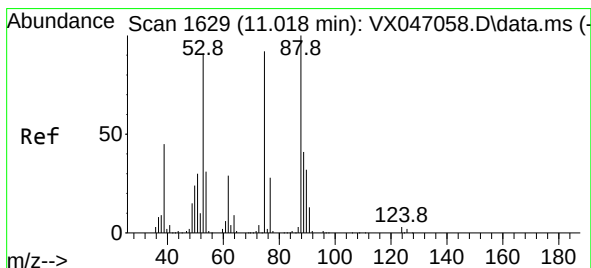
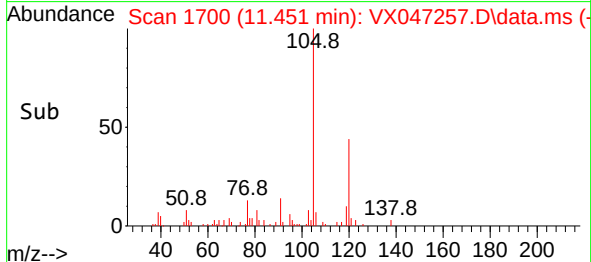
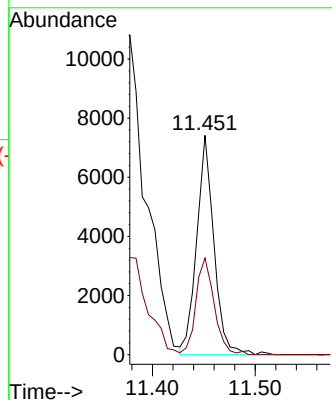
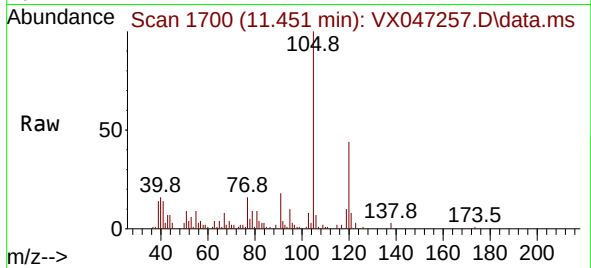




#80
1,3,5-Trimethylbenzene
Concen: 0.683 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

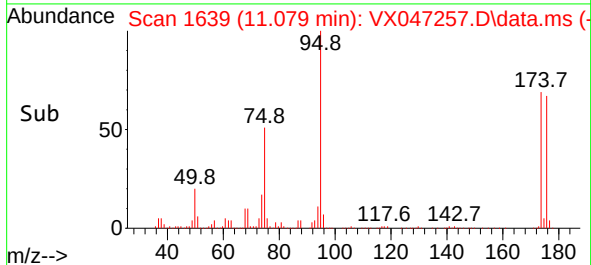
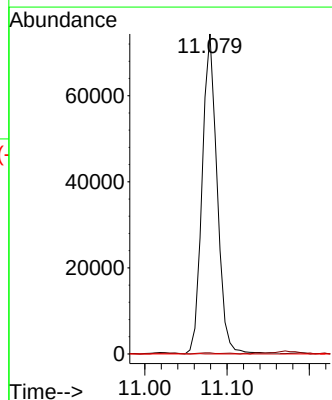
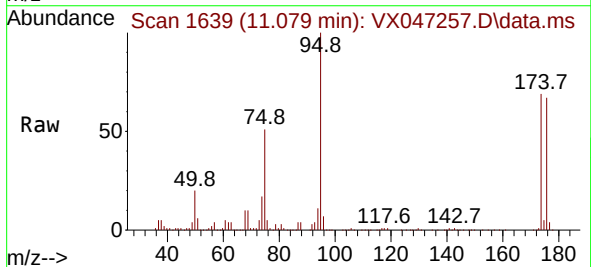
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

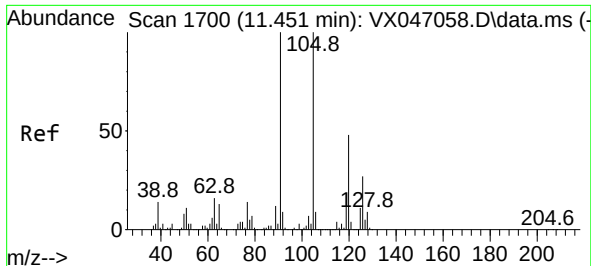
Tgt Ion:105 Resp: 8703
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 66.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 75 Resp: 93438
Ion Ratio Lower Upper
75 100
53 0.4 84.2 126.4#
89 0.0 36.0 54.0#

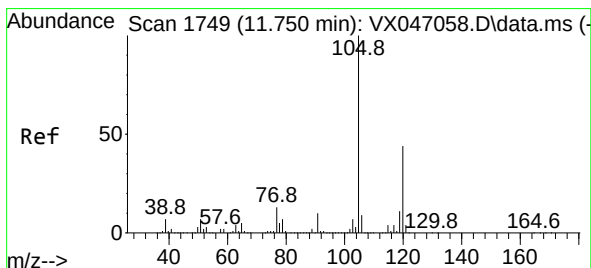
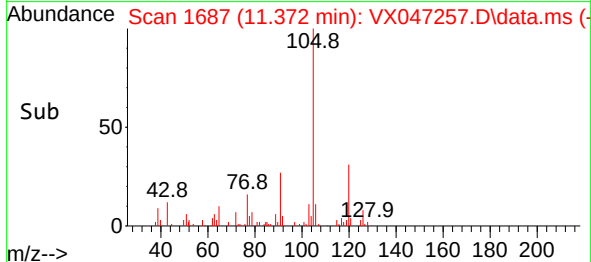
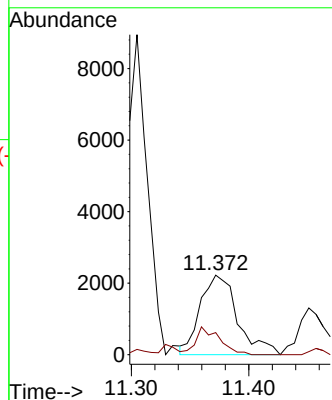
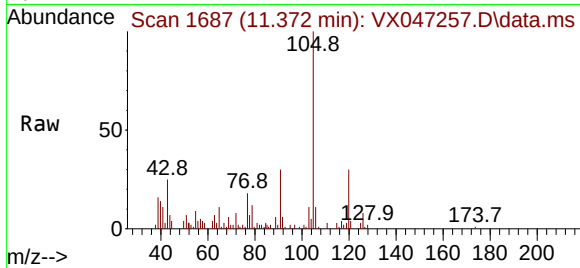




#82
4-Chlorotoluene
Concen: 0.381 ug/l
RT: 11.372 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

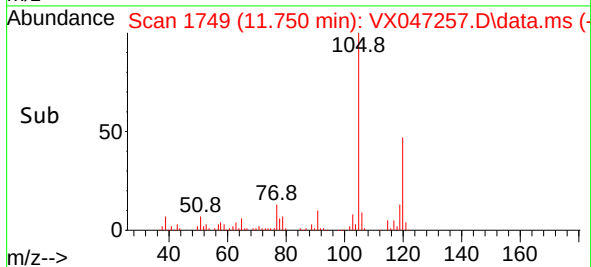
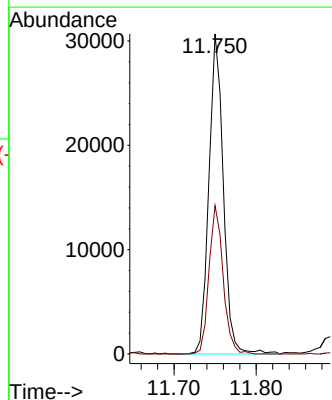
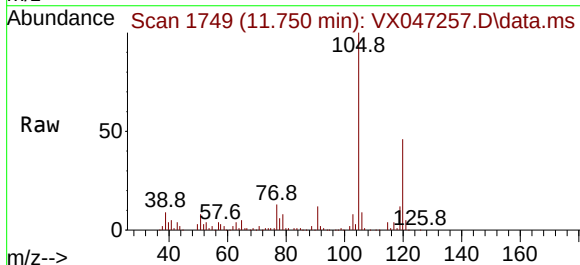
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

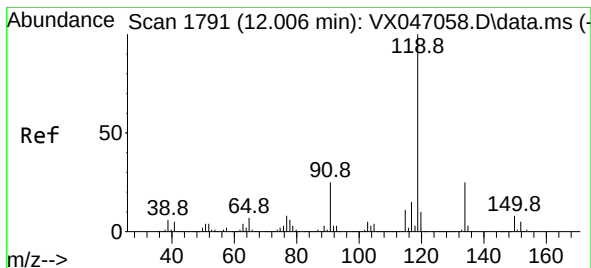
Tgt Ion: 91 Resp: 4906
Ion Ratio Lower Upper
91 100
126 22.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 2.941 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 105 Resp: 37382
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0

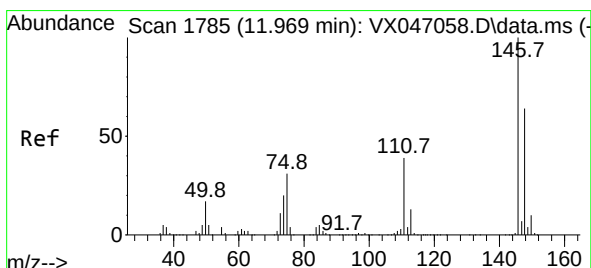
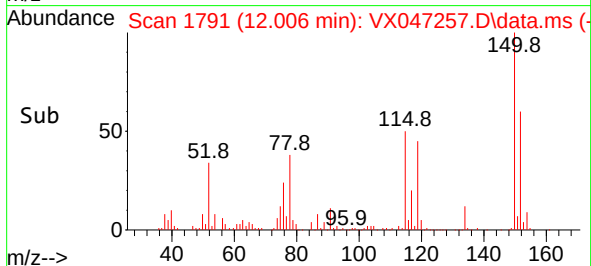
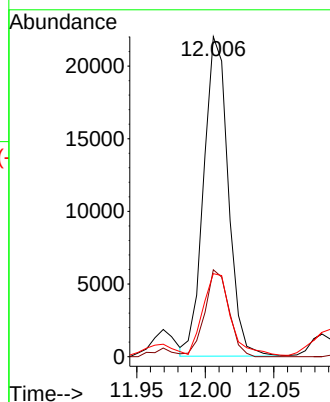
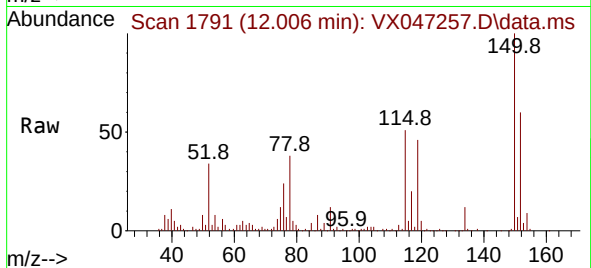




#86
 p-Isopropyltoluene
 Concen: 2.069 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047257.D
 Acq: 07 Aug 2025 13:06

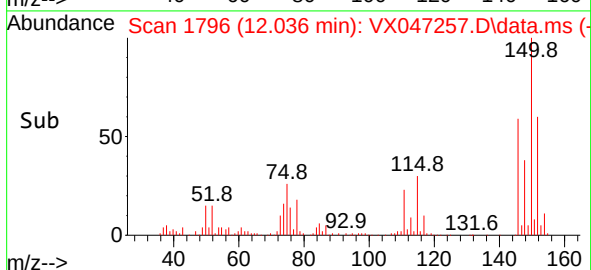
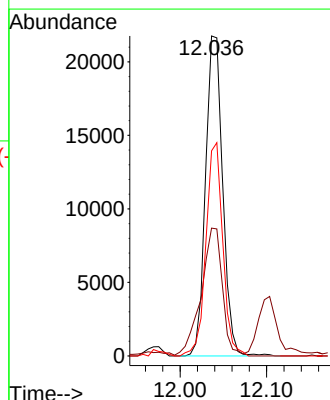
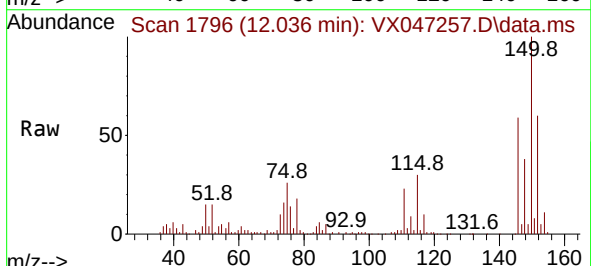
Instrument :
 MSVOA_X
 ClientSampleId :
 250806078-01 VOA

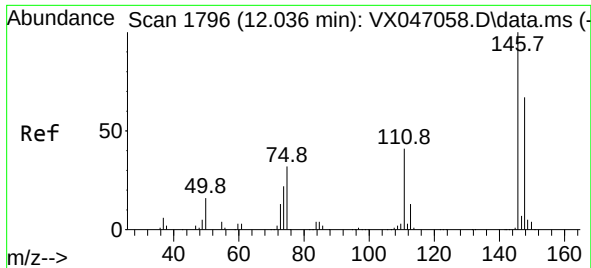
Tgt Ion:	119	Resp:	27419
Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.4
91	28.5	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 4.259 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.067 min
 Lab File: VX047257.D
 Acq: 07 Aug 2025 13:06

Tgt Ion:	146	Resp:	29946
Ion	Ratio	Lower	Upper
146	100		
111	48.5	21.0	63.0
148	65.5	32.0	96.0

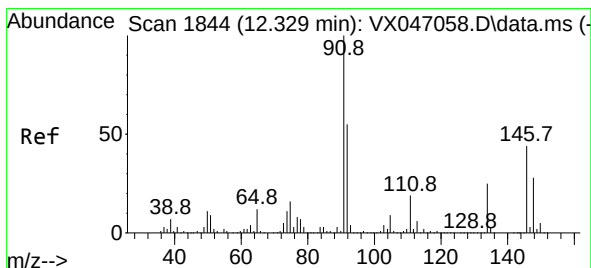
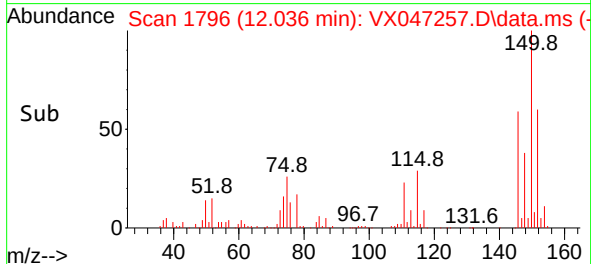
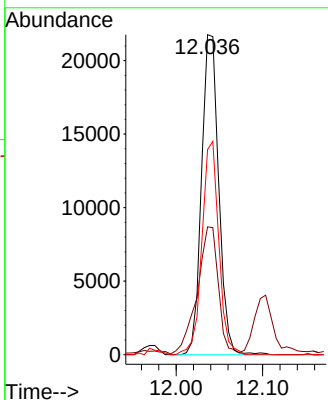
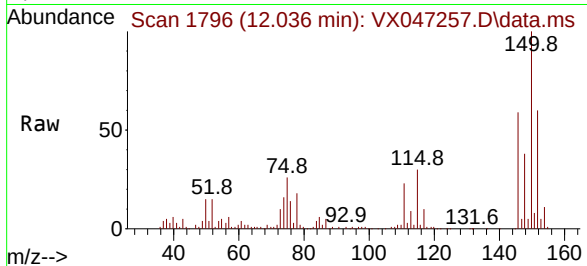




#88
1,4-Dichlorobenzene
Concen: 4.204 ug/l
RT: 12.036 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

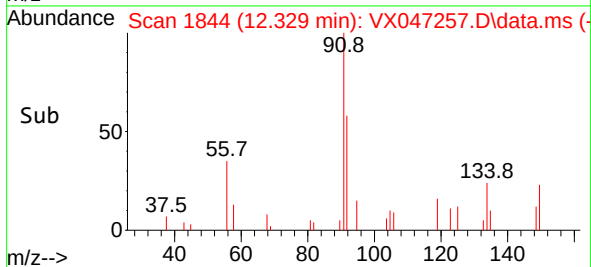
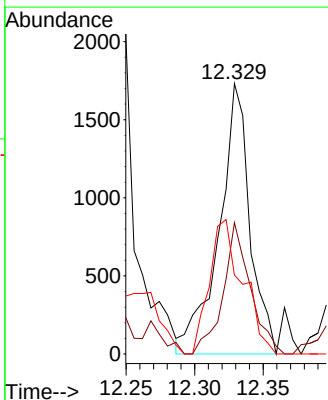
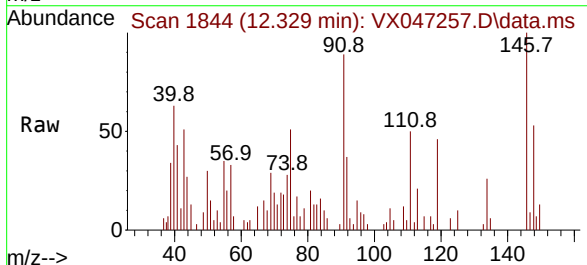
Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA

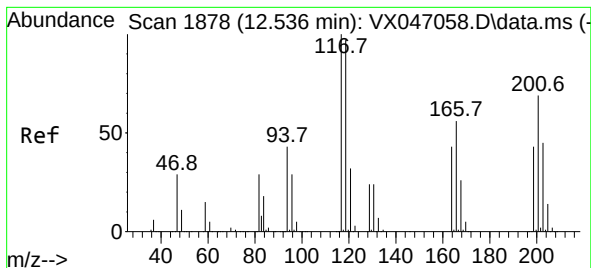
Tgt Ion:146 Resp: 29946
Ion Ratio Lower Upper
146 100
111 48.5 20.6 61.9
148 65.5 33.0 98.9



#89
n-Butylbenzene
Concen: 0.218 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Tgt Ion: 91 Resp: 2704
Ion Ratio Lower Upper
91 100
92 43.0 27.5 82.5
134 53.8 12.8 38.3#





#90

Hexachloroethane

Concen: 0.323 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

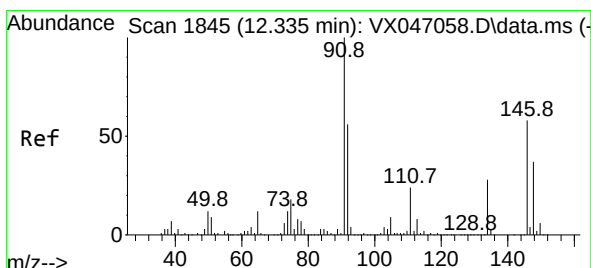
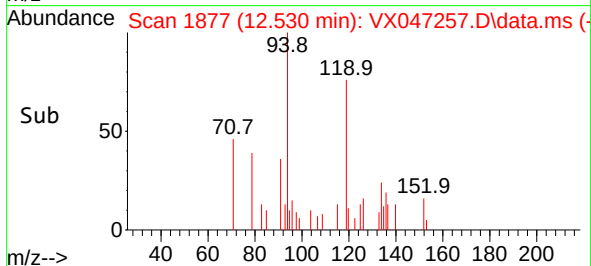
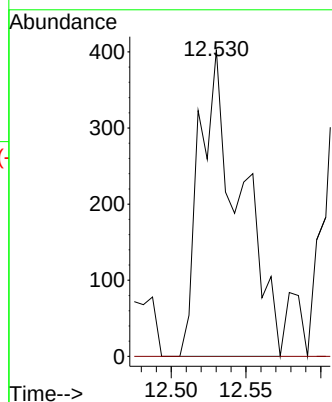
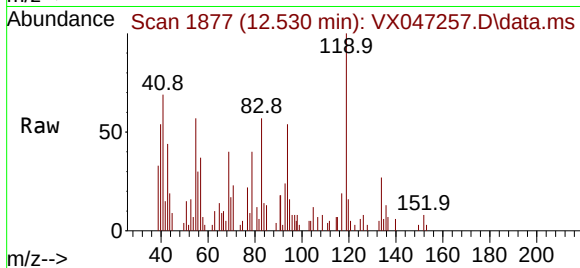
250806078-01 VOA

Tgt Ion:117 Resp: 766

Ion Ratio Lower Upper

117 100

201 0.0 34.8 104.5#



#91

1,2-Dichlorobenzene

Concen: 0.543 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

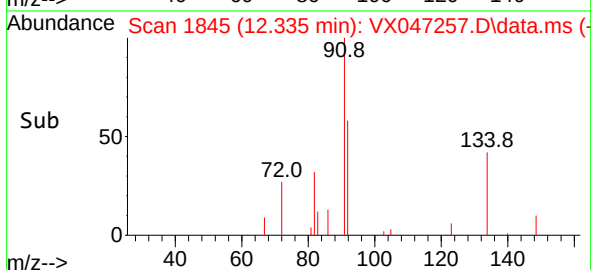
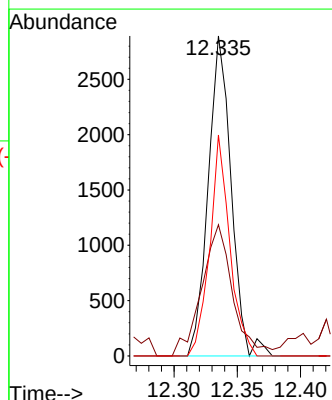
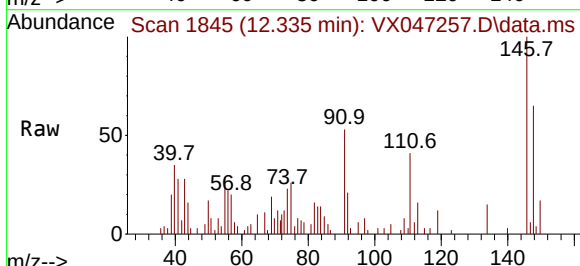
Tgt Ion:146 Resp: 3646

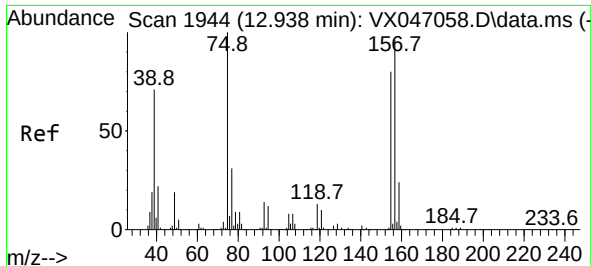
Ion Ratio Lower Upper

146 100

111 55.4 21.6 64.6

148 60.6 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.683 ug/l

RT: 12.914 min Scan# 1940

Delta R.T. -0.024 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

250806078-01 VOA

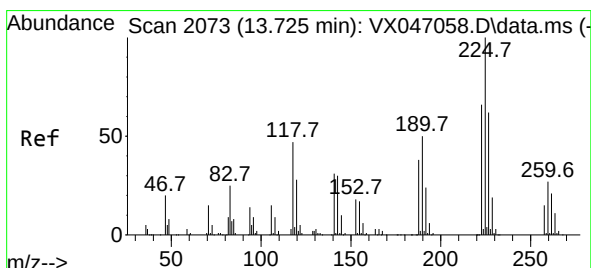
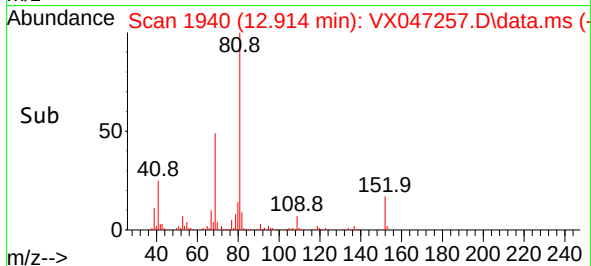
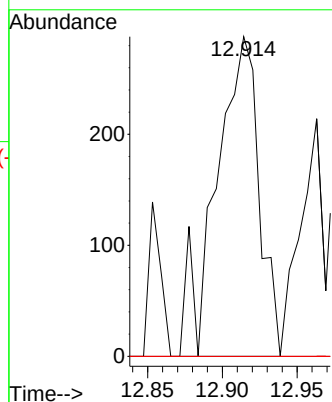
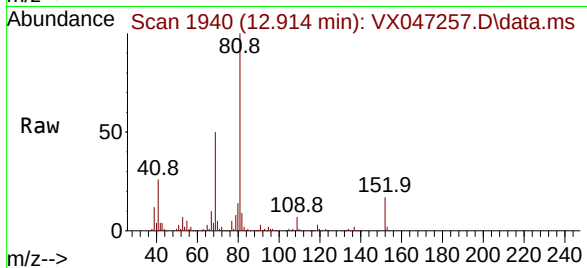
Tgt Ion: 75 Resp: 578

Ion Ratio Lower Upper

75 100

155 0.0 41.3 124.1#

157 0.0 52.8 158.3#



#94

Hexachlorobutadiene

Concen: 0.526 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047257.D

Acq: 07 Aug 2025 13:06

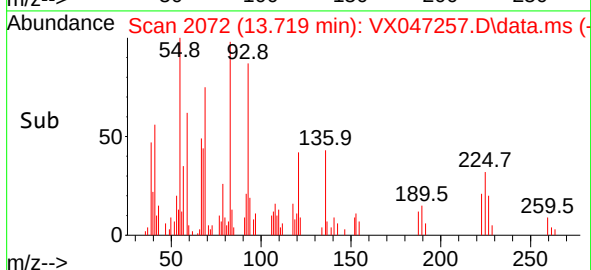
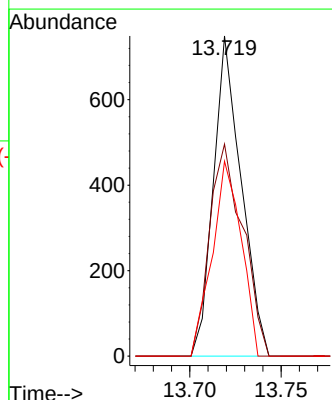
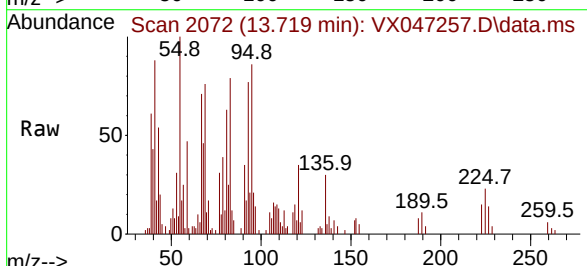
Tgt Ion: 225 Resp: 794

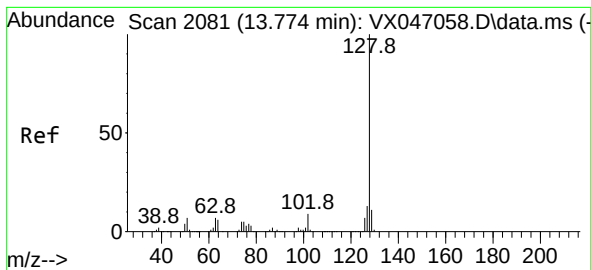
Ion Ratio Lower Upper

225 100

223 79.1 31.6 95.0

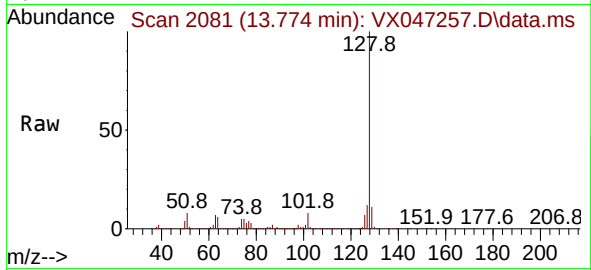
227 63.7 32.9 98.6





#95
Naphthalene
Concen: 23.498 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047257.D
Acq: 07 Aug 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
250806078-01 VOA



Tgt Ion:	128	Resp:	305822
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

