

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VOX071025\
 Data File : VX046951.D
 Acq On : 10 Jul 2025 17:34
 Operator : JC/MD
 Sample : Q2554-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250709071-01 VOA

Quant Time: Jul 11 01:34:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	426063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	761385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	719131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	364444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	295255	52.455	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	104.920%	
35) Dibromofluoromethane	5.397	113	241105	46.651	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	93.300%	
50) Toluene-d8	8.647	98	929469	50.972	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	101.940%	
62) 4-Bromofluorobenzene	11.079	95	366996	52.955	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	105.920%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	1471	0.303	ug/l #	1
6) Chloroethane	1.697	64	1945	0.608	ug/l #	42
8) Diethyl Ether	2.148	74	12942	4.851	ug/l	94
11) Tert butyl alcohol	2.953	59	1482678	4016.362	ug/l	100
13) Acrolein	2.227	56	221	3.371	ug/l #	1
14) Allyl chloride	2.642	41	18836	2.290	ug/l #	49
15) Acrylonitrile	3.111	53	631	0.296	ug/l #	17
16) Acetone	2.386	43	1842869	1054.034	ug/l	99
17) Carbon Disulfide	2.532	76	47101	3.887	ug/l	98
18) Methyl Acetate	2.715	43	12829	2.784	ug/l	93
19) Methyl tert-butyl Ether	3.129	73	25499	1.954	ug/l	91
20) Methylene Chloride	2.800	84	3746	0.725	ug/l #	92
25) 2-Butanone	4.562	43	3136222	1344.471	ug/l	99
26) 2,2-Dichloropropane	4.568	77	89092	13.209	ug/l #	53
27) cis-1,2-Dichloroethene	4.507	96	2857	0.495	ug/l #	7
28) Bromochloromethane	4.995	49	2841	0.635	ug/l #	13
29) Tetrahydrofuran	5.007	42	729213	490.393	ug/l	98
36) 1,1-Dichloropropene	5.562	75	34010	4.877	ug/l #	51
37) Ethyl Acetate	4.562	43	3136222	528.058	ug/l #	73
38) Carbon Tetrachloride	5.556	117	43714	5.930	ug/l #	17
40) Benzene	6.050	78	90851	4.307	ug/l	100
41) Methacrylonitrile	5.007	41	468808	147.972	ug/l #	42
42) 1,2-Dichloroethane	6.086	62	11531	1.610	ug/l	74
43) Isopropyl Acetate	6.342	43	8397	0.923	ug/l #	67
48) Methyl methacrylate	7.708	41	4671	0.994	ug/l #	79
49) 1,4-Dioxane	7.671	88	4790	88.009	ug/l #	77
51) 4-Methyl-2-Pentanone	8.580	43	47987	8.938	ug/l	95
52) Toluene	8.720	92	87478	6.693	ug/l	99
55) 1,1,2-Trichloroethane	9.073	97	1331	0.273	ug/l #	18
56) Ethyl methacrylate	9.128	69	2006	0.298	ug/l #	31
59) 2-Hexanone	9.244	43	20022	5.622	ug/l	78
65) Chlorobenzene	10.079	112	20832	1.340	ug/l	96
67) Ethyl Benzene	10.195	91	196380	7.375	ug/l	100
68) m/p-Xylenes	10.299	106	78521	7.826	ug/l	98
69) o-Xylene	10.640	106	45570	4.702	ug/l	97
70) Styrene	10.659	104	10167	0.613	ug/l #	35

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

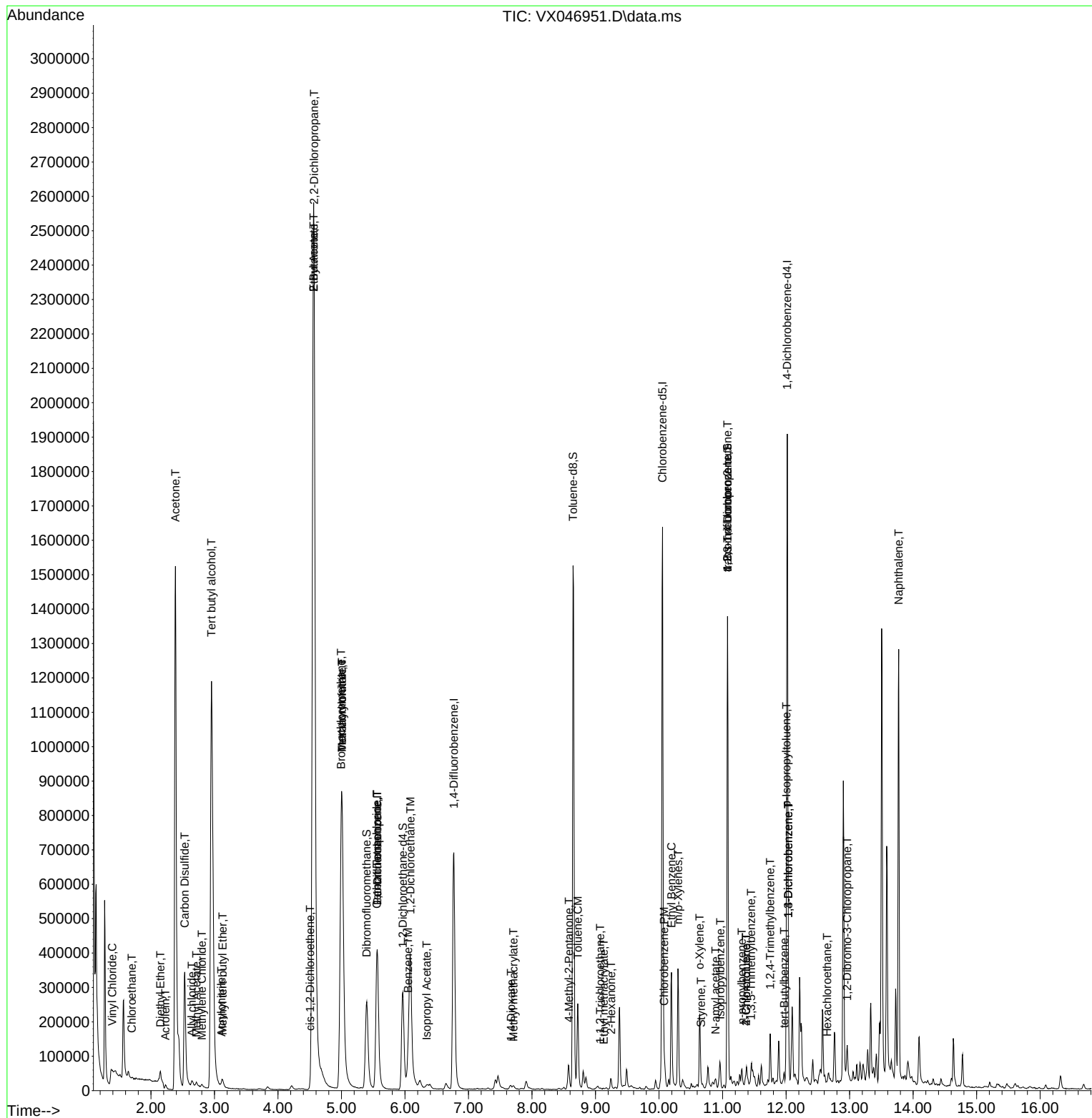
73) Isopropylbenzene	10.963	105	37211	1.452	ug/l	98
74) N-amyl acetate	10.890	43	10942	1.257	ug/l #	70
76) 1,2,3-Trichloropropane	11.079	75	184102	32.693	ug/l #	36
78) n-propylbenzene	11.305	91	18995	0.615	ug/l	100
79) 2-Chlorotoluene	11.372	91	7526	0.413	ug/l	80
80) 1,3,5-Trimethylbenzene	11.451	105	14835	0.713	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	184102	87.733	ug/l #	8
82) 4-Chlorotoluene	11.372	91	7526	0.358	ug/l	86
83) tert-Butylbenzene	11.969	119	4902	0.228	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	65198	3.099	ug/l	98
86) p-Isopropyltoluene	12.006	119	98500	4.339	ug/l	97
87) 1,3-Dichlorobenzene	12.036	146	43370	3.634	ug/l	90
88) 1,4-Dichlorobenzene	12.036	146	43370	3.492	ug/l	91
90) Hexachloroethane	12.646	117	1342	0.333	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	12.963	75	775	0.629	ug/l #	1
95) Naphthalene	13.774	128	747664	36.112	ug/l	100

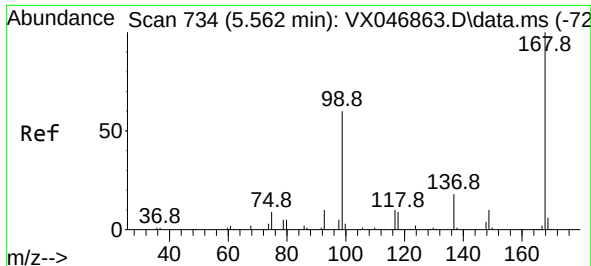
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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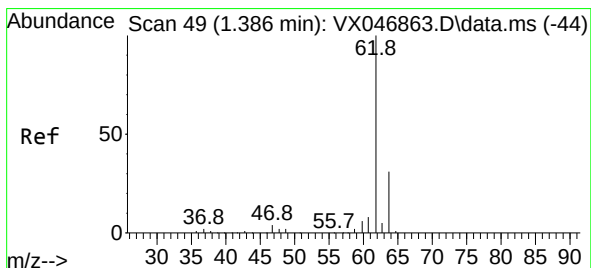
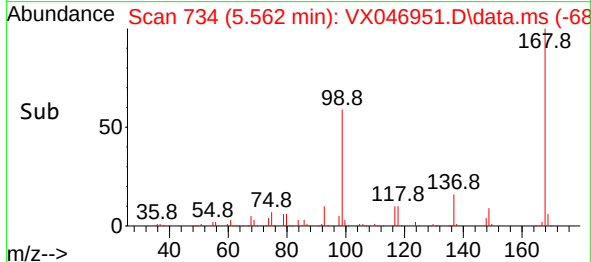
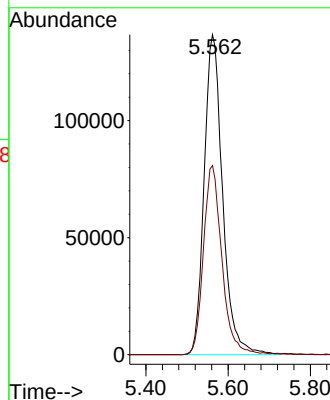
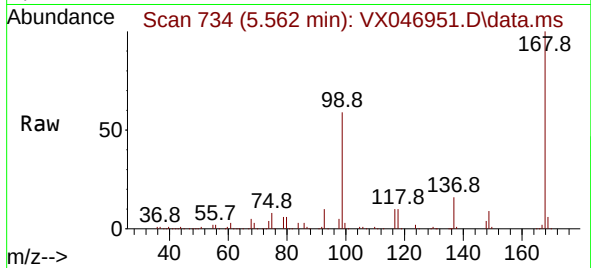




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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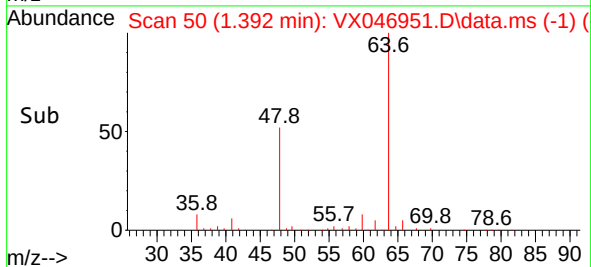
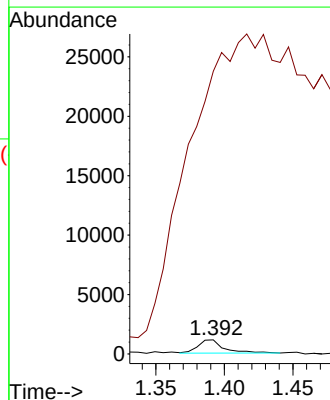
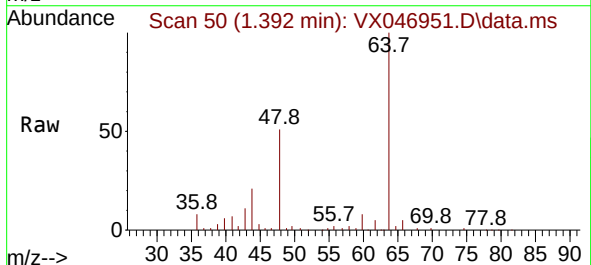
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

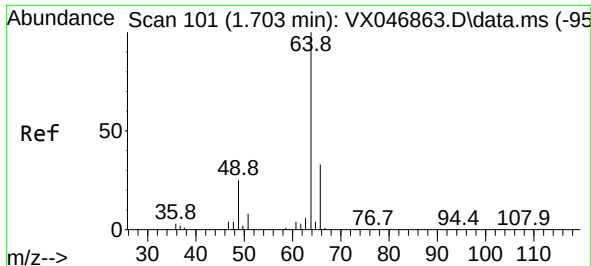
Tgt Ion:168 Resp: 426063
Ion Ratio Lower Upper
168 100
99 59.1 48.8 73.2



#4
Vinyl Chloride
Concen: 0.303 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 62 Resp: 1471
Ion Ratio Lower Upper
62 100
64 854.9 25.0 37.4#

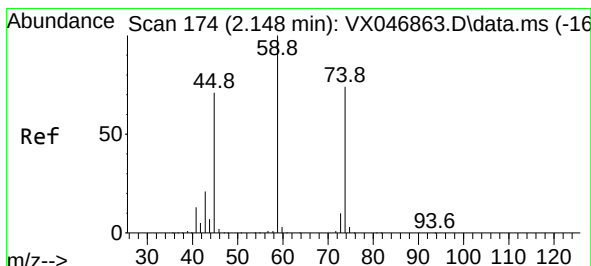
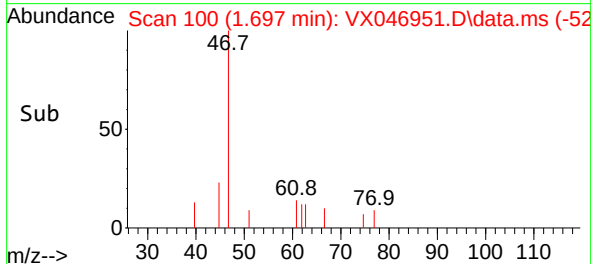
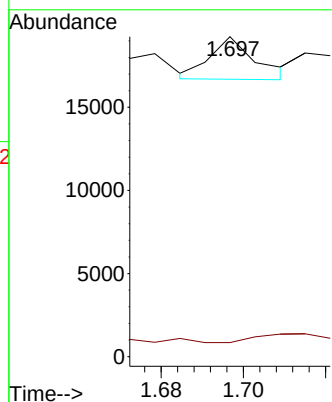
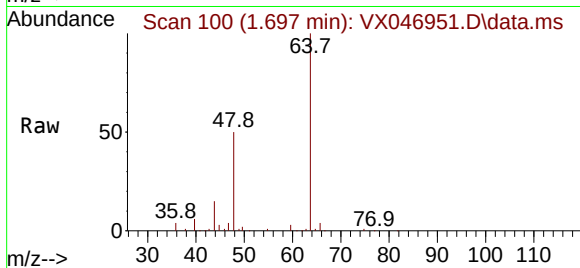




#6
Chloroethane
Concen: 0.608 ug/l
RT: 1.697 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

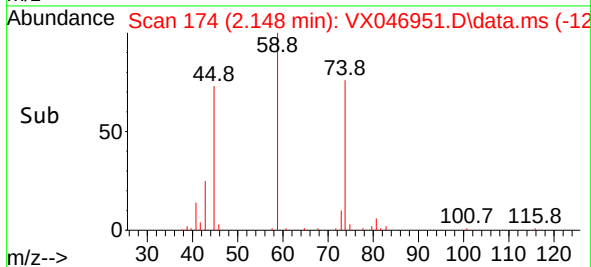
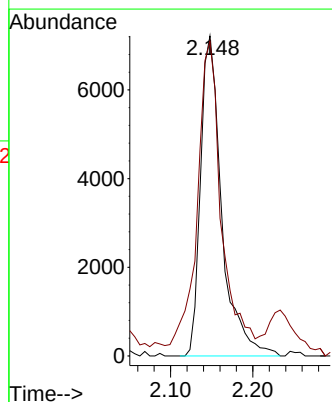
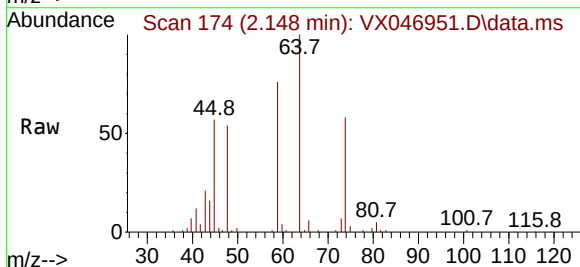
Instrument :
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ClientSampleId :
250709071-01 VOA

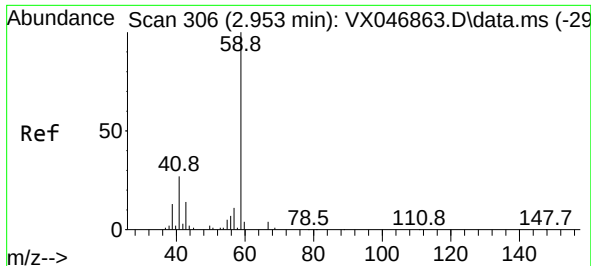
Tgt Ion: 64 Resp: 1945
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#8
Diethyl Ether
Concen: 4.851 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 74 Resp: 12942
Ion Ratio Lower Upper
74 100
45 107.2 50.7 152.1

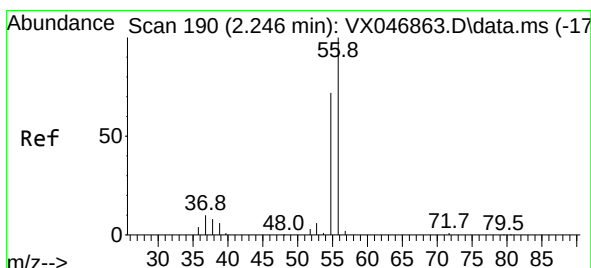
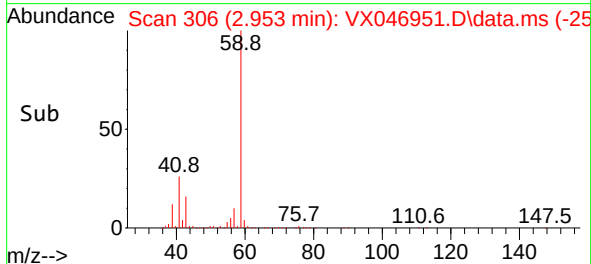
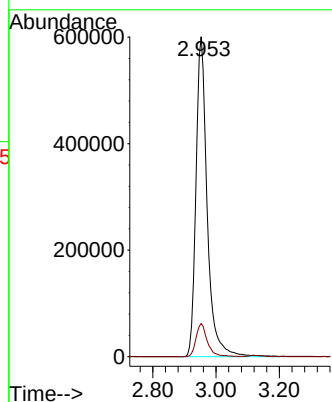
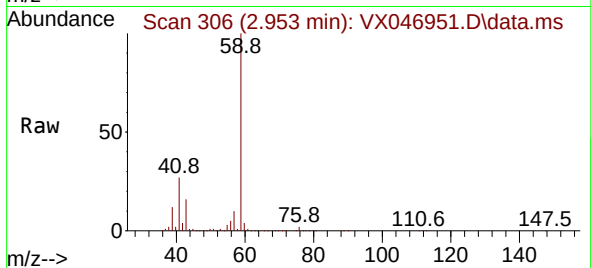




#11
Tert butyl alcohol
Concen: 4016.362 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

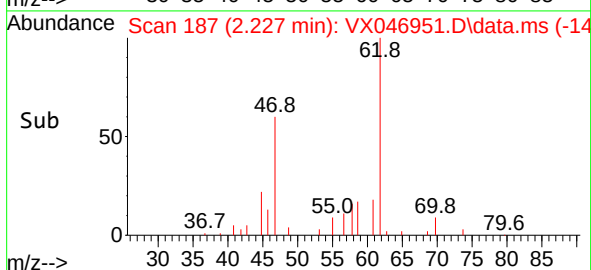
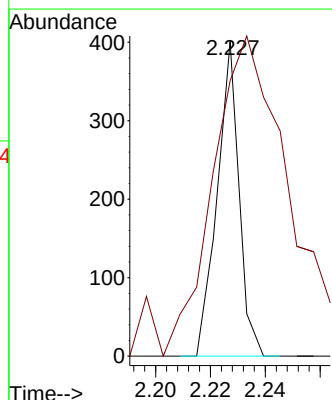
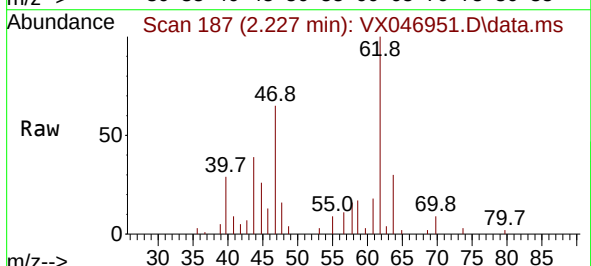
Instrument :
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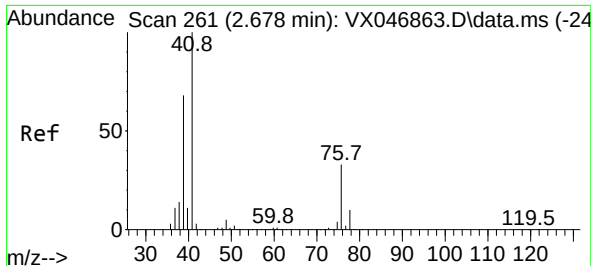
Tgt Ion: 59 Resp: 1482678
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#13
Acrolein
Concen: 3.371 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.019 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 346.6 55.5 83.3#

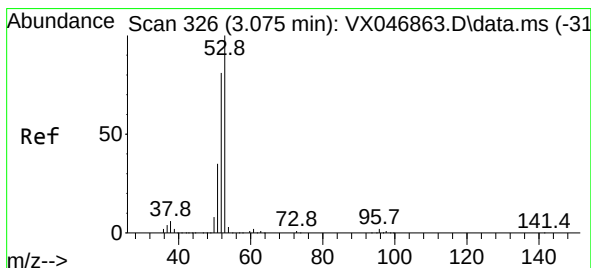
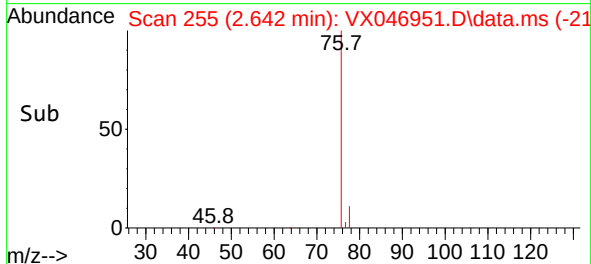
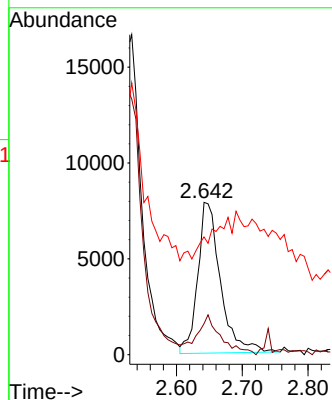
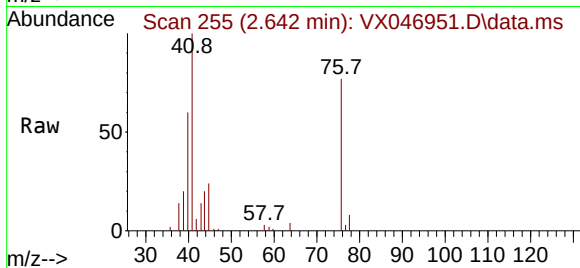




#14
 Allyl chloride
 Concen: 2.290 ug/l
 RT: 2.642 min Scan# 21
 Delta R.T. -0.037 min
 Lab File: VX046951.D
 Acq: 10 Jul 2025 17:34

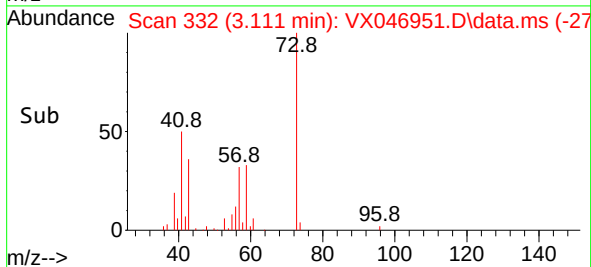
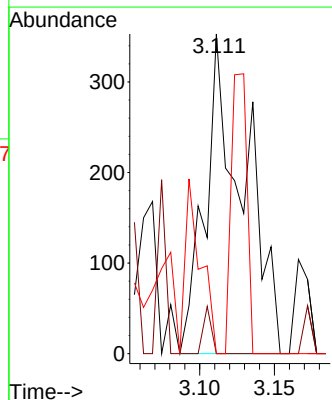
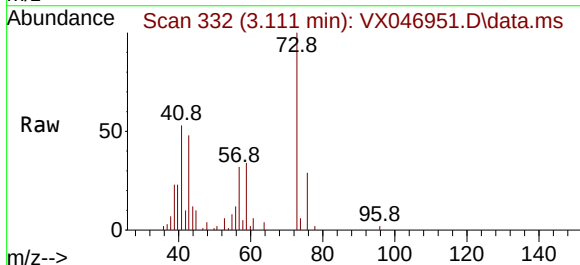
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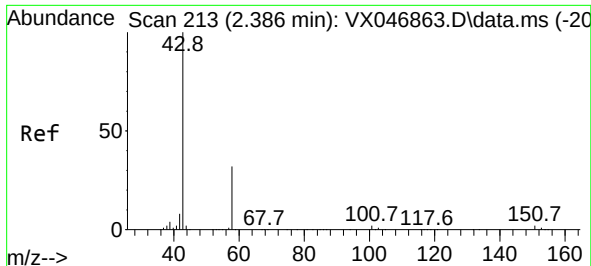
Tgt Ion: 41 Resp: 18836
 Ion Ratio Lower Upper
 41 100
 39 27.1 52.0 78.0#
 76 0.0 26.2 39.2#



#15
 Acrylonitrile
 Concen: 0.296 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.036 min
 Lab File: VX046951.D
 Acq: 10 Jul 2025 17:34

Tgt Ion: 53 Resp: 631
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.0 99.0#
 51 0.0 28.6 43.0#

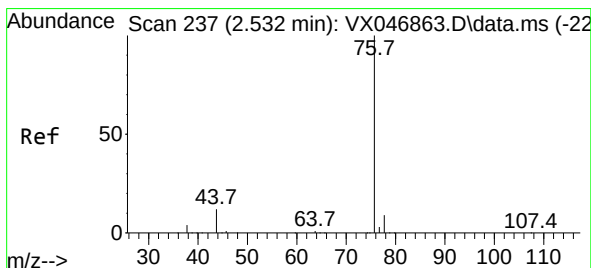
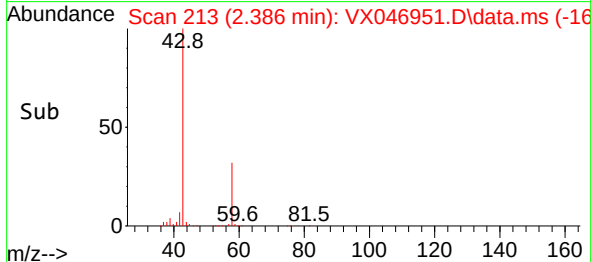
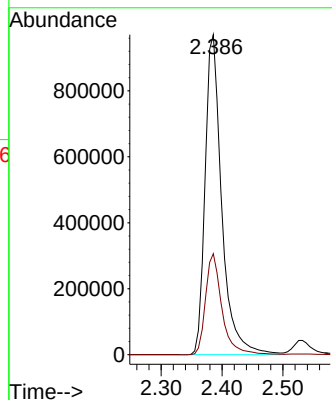
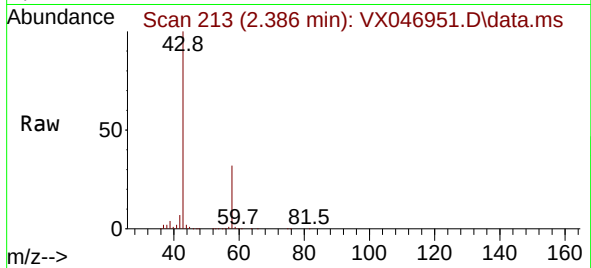




#16
Acetone
Concen: 1054.034 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

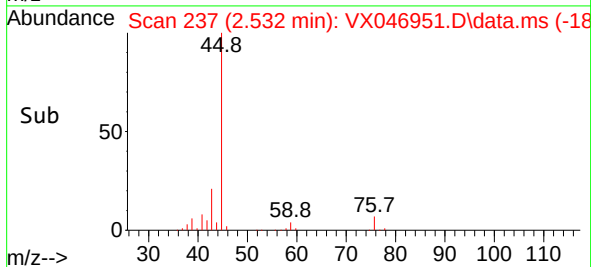
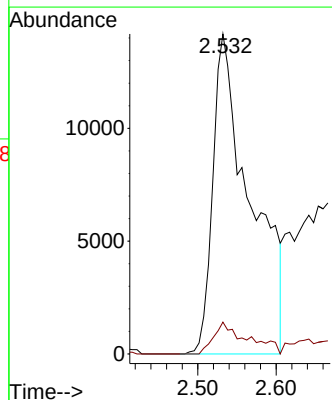
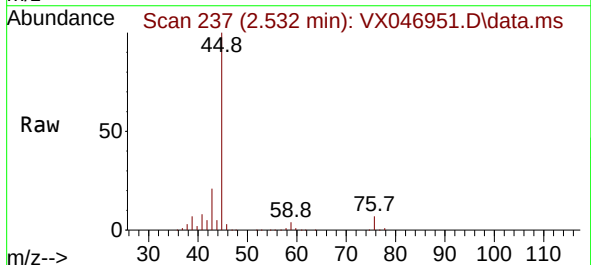
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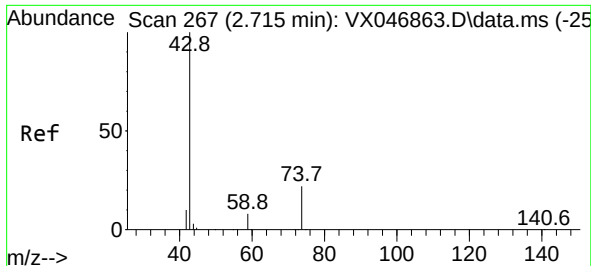
Tgt Ion: 43 Resp: 1842869
Ion Ratio Lower Upper
43 100
58 31.5 25.8 38.6



#17
Carbon Disulfide
Concen: 3.887 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 76 Resp: 47101
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

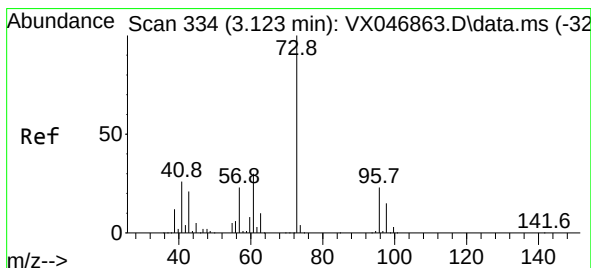
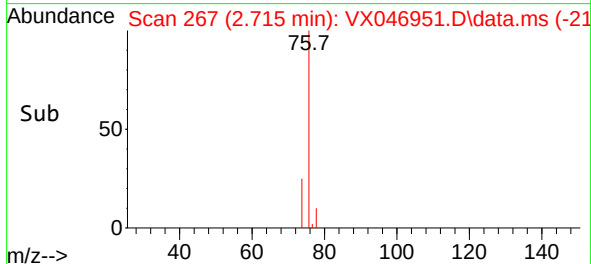
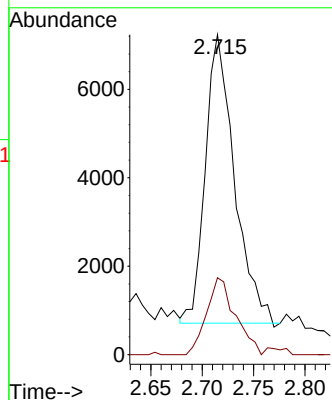
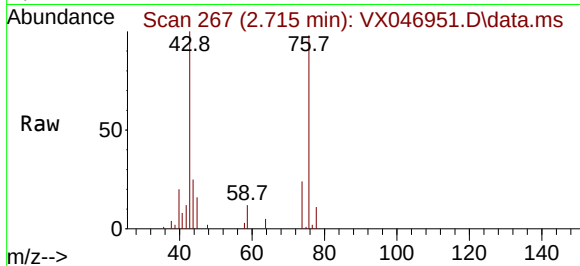




#18
Methyl Acetate
Concen: 2.784 ug/l
RT: 2.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046951.D
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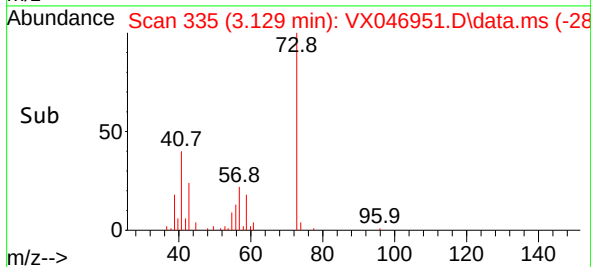
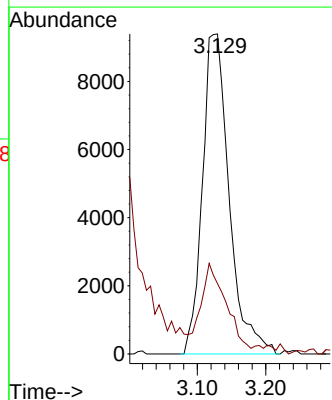
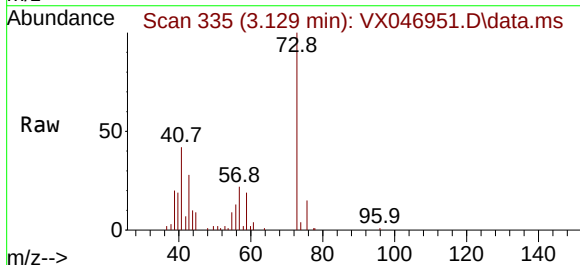
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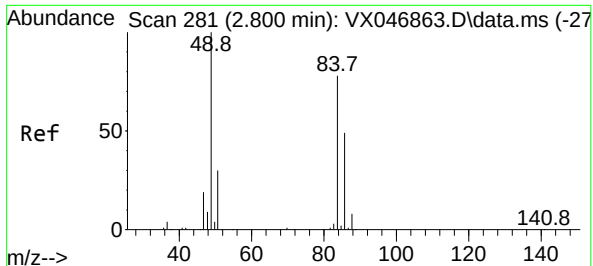
Tgt Ion: 43 Resp: 12829
Ion Ratio Lower Upper
43 100
74 26.4 18.3 27.5



#19
Methyl tert-butyl Ether
Concen: 1.954 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 73 Resp: 25499
Ion Ratio Lower Upper
73 100
57 18.9 18.6 28.0

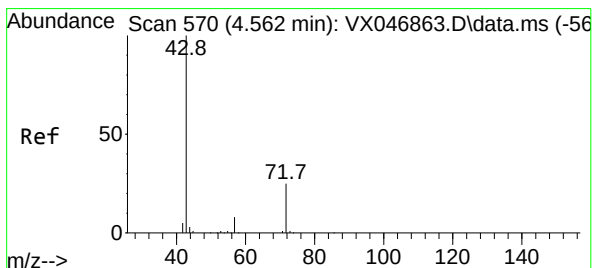
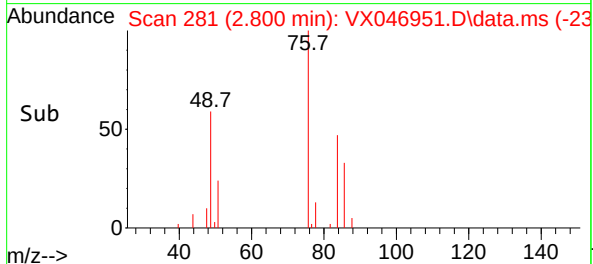
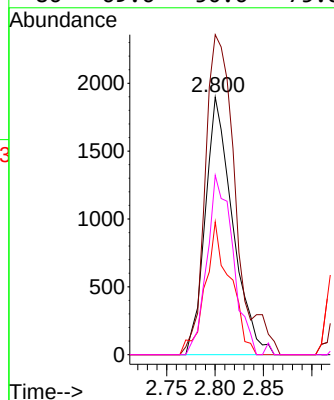
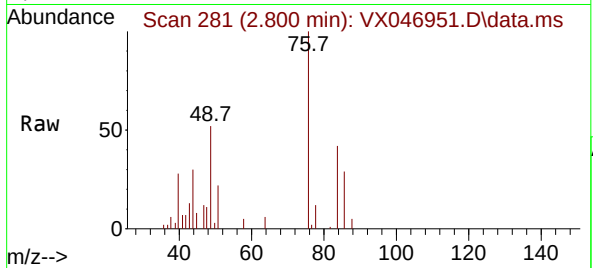




#20
Methylene Chloride
Concen: 0.725 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

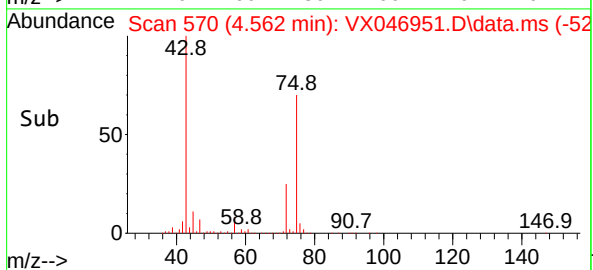
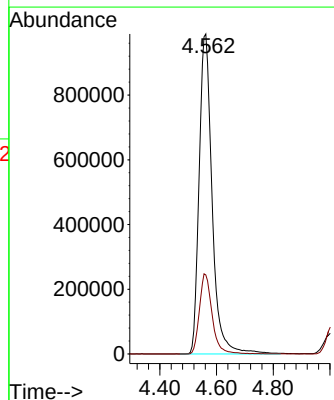
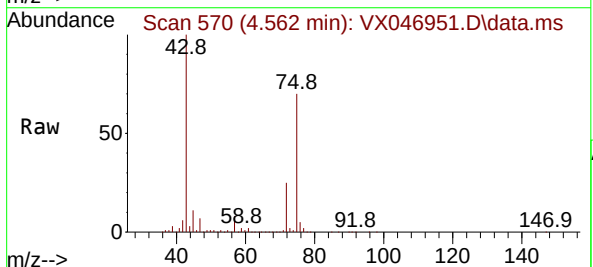
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

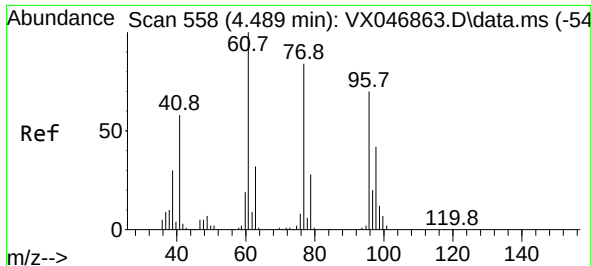
Tgt Ion:	84	Resp:	3746
Ion	Ratio	Lower	Upper
84	100		
49	124.2	102.8	154.2
51	51.6	31.1	46.7#
86	69.6	50.6	75.8



#25
2-Butanone
Concen: 1344.471 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion:	43	Resp:	3136222
Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.0	30.0

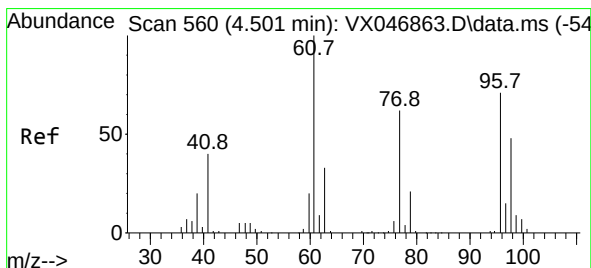
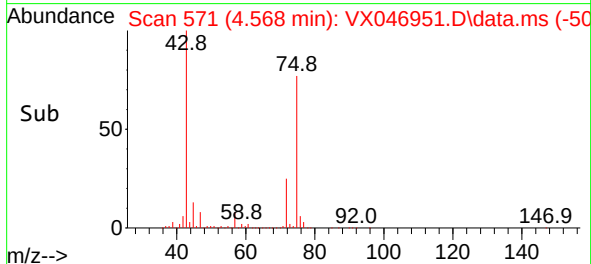
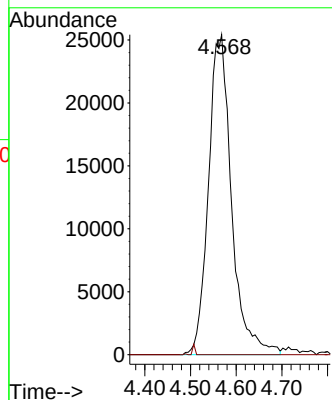
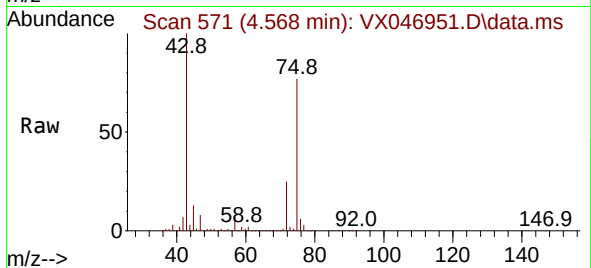




#26
2,2-Dichloropropane
Concen: 13.209 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.079 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

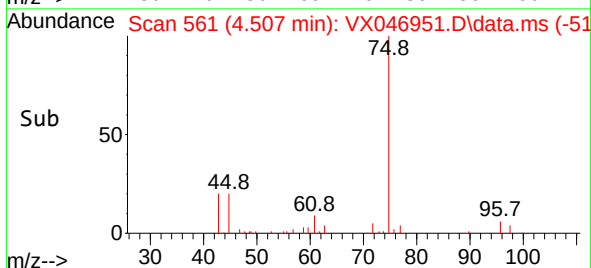
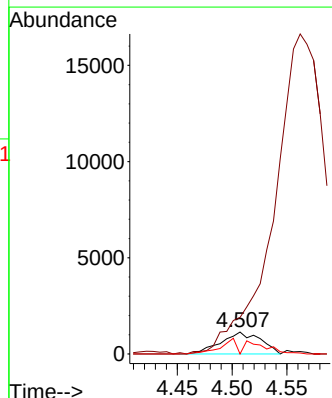
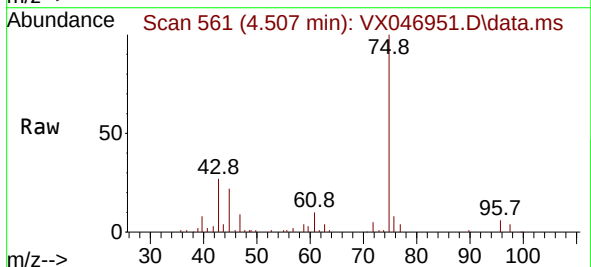
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

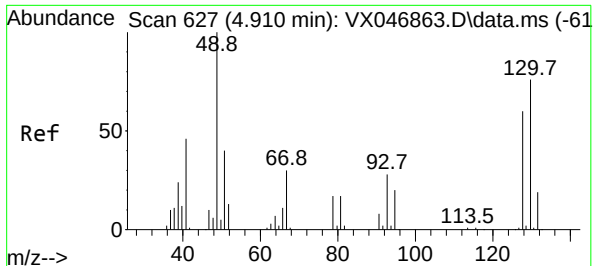
Tgt Ion: 77 Resp: 89092
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.5#



#27
cis-1,2-Dichloroethene
Concen: 0.495 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 96 Resp: 2857
Ion Ratio Lower Upper
96 100
61 0.0 0.0 288.6
98 33.1 0.0 128.8

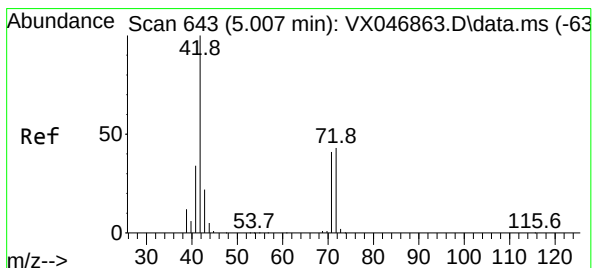
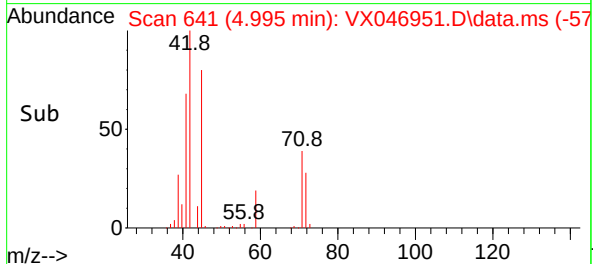
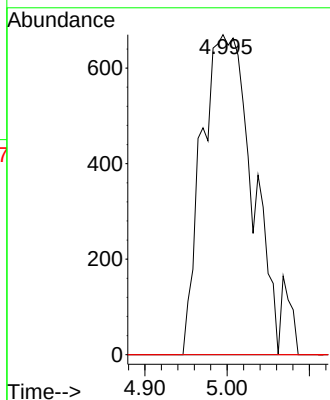
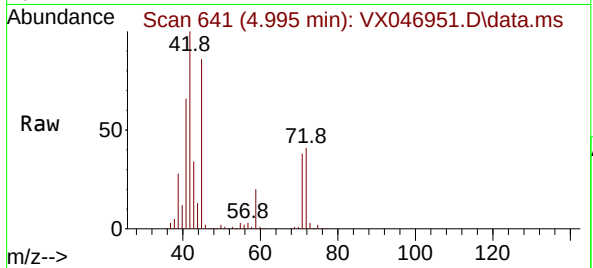




#28
Bromochloromethane
Concen: 0.635 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.085 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

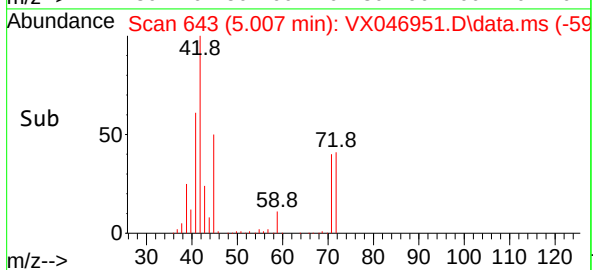
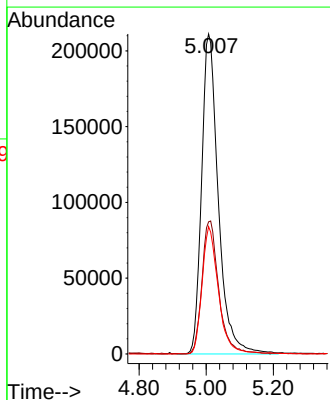
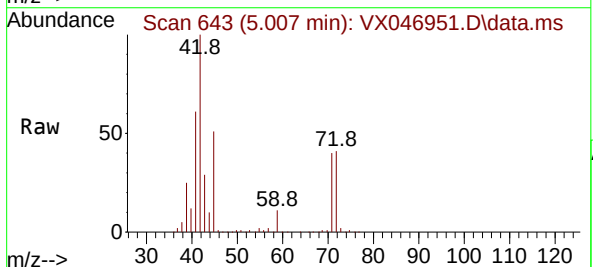
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

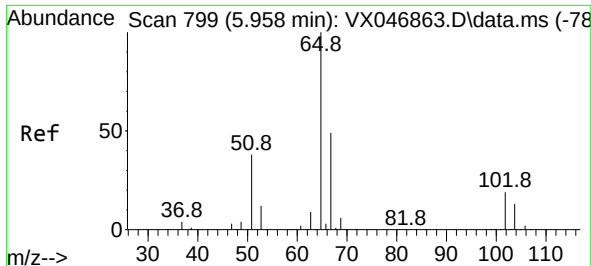
Tgt Ion: 49 Resp: 2841
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.7 92.5#



#29
Tetrahydrofuran
Concen: 490.393 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 42 Resp: 729213
Ion Ratio Lower Upper
42 100
72 42.0 35.1 52.7
71 38.8 31.9 47.9

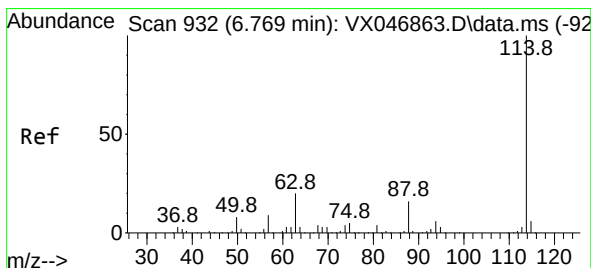
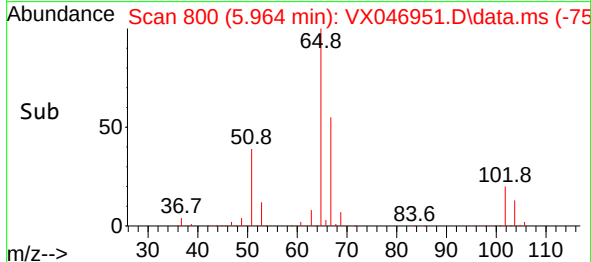
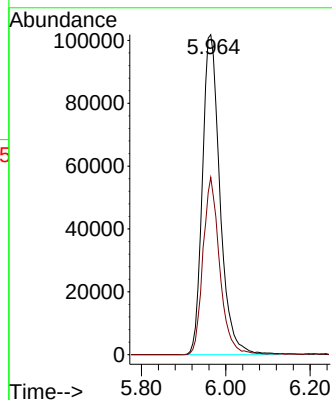
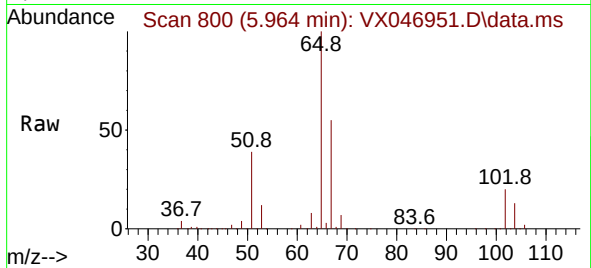




#33
 1,2-Dichloroethane-d4
 Concen: 52.455 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX046951.D
 Acq: 10 Jul 2025 17:34

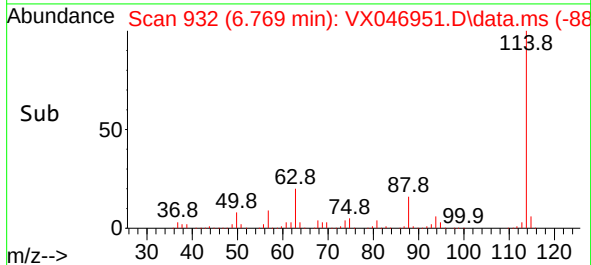
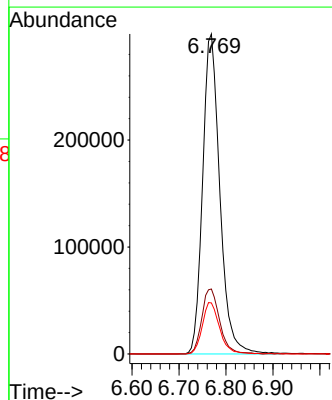
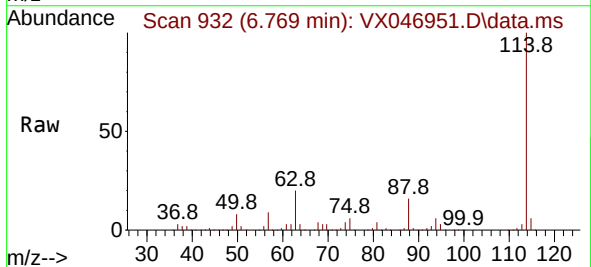
Instrument :
 MSVOA_X
 ClientSampleId :
 250709071-01 VOA

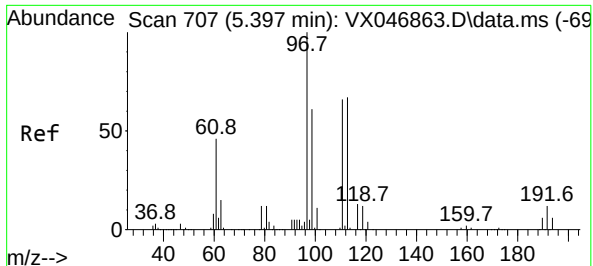
Tgt Ion: 65 Resp: 295255
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046951.D
 Acq: 10 Jul 2025 17:34

Tgt Ion: 114 Resp: 761385
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.4
 88 16.0 0.0 31.0

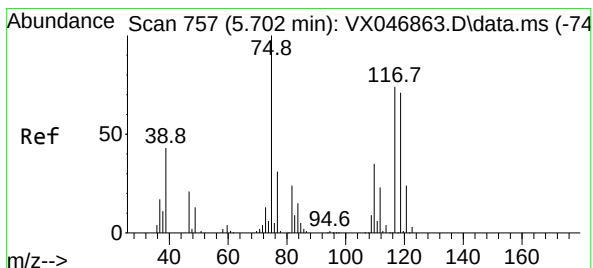
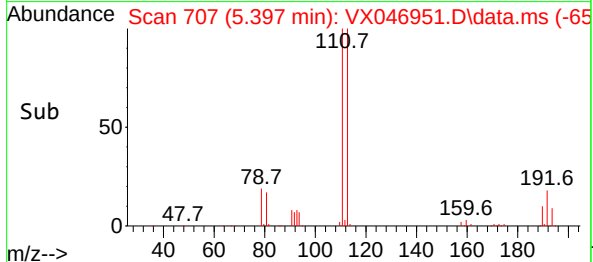
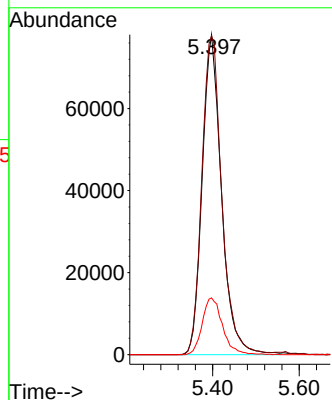
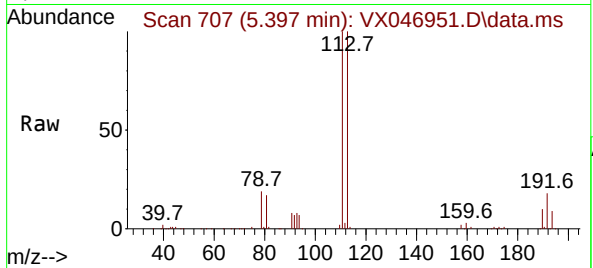




#35
Dibromofluoromethane
Concen: 46.651 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

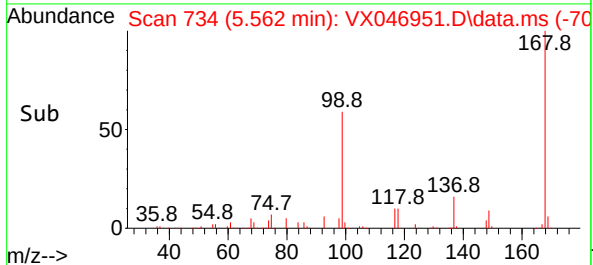
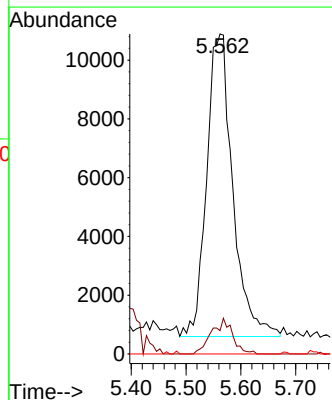
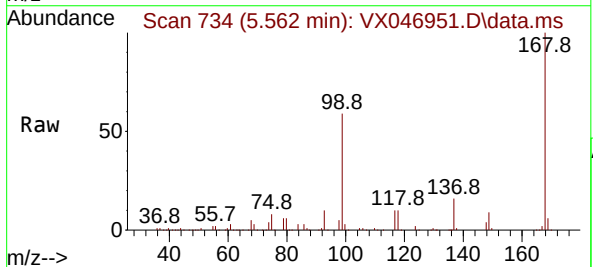
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

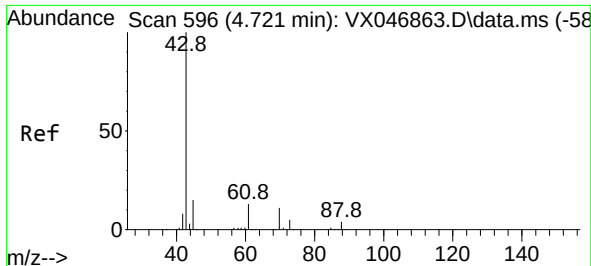
Tgt Ion:113 Resp: 241105
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 75 Resp: 34010
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.9#
77 0.0 24.2 36.4#





#37

Ethyl Acetate

Concen: 528.058 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.159 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

250709071-01 VOA

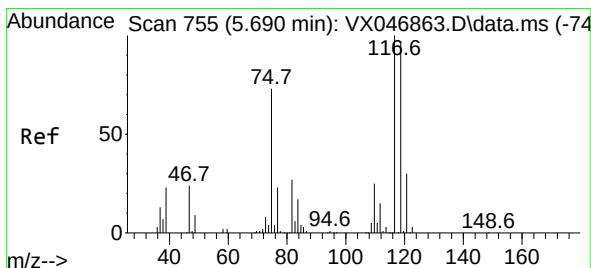
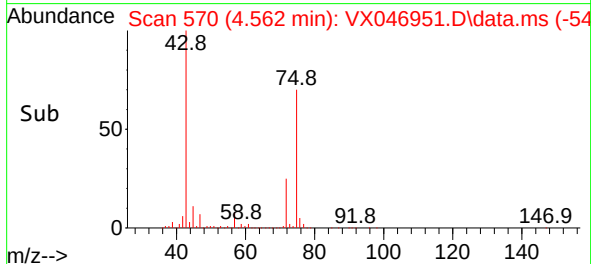
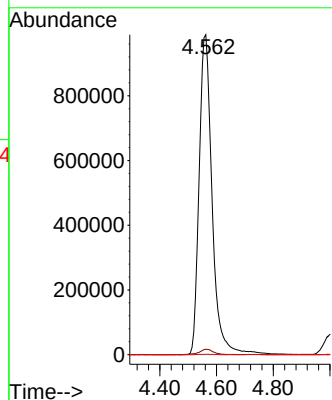
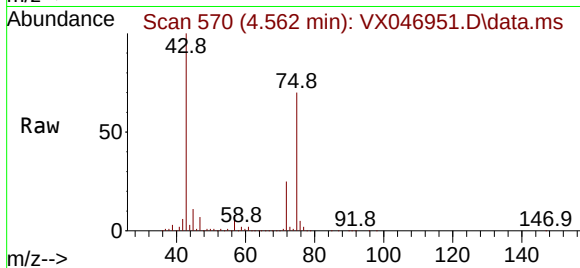
Tgt Ion: 43 Resp: 3136222

Ion Ratio Lower Upper

43 100

61 1.9 9.7 14.5#

70 0.1 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.930 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

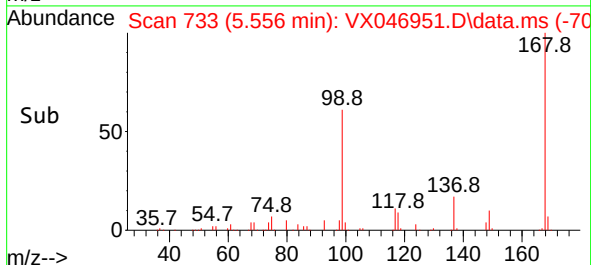
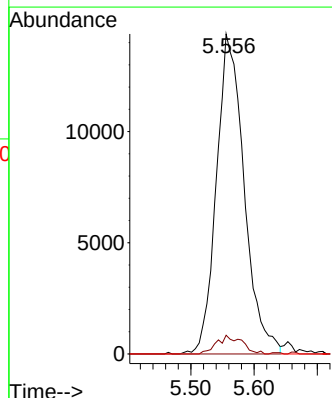
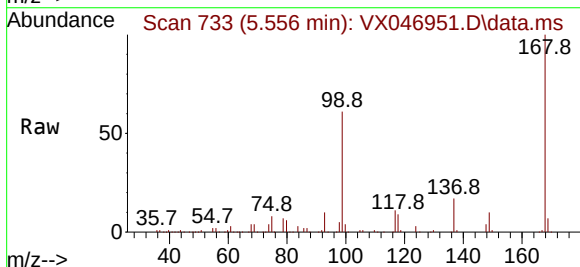
Tgt Ion: 117 Resp: 43714

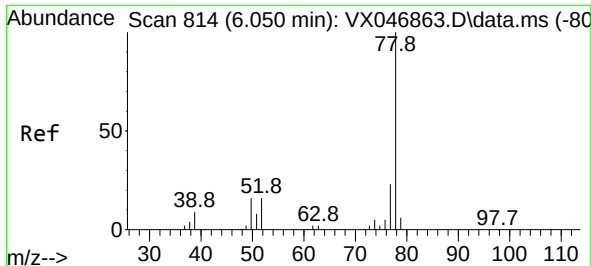
Ion Ratio Lower Upper

117 100

119 5.8 76.6 114.8#

121 0.0 24.1 36.1#





#40

Benzene

Concen: 4.307 ug/l

RT: 6.050 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

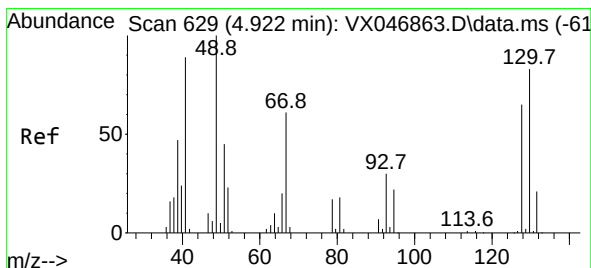
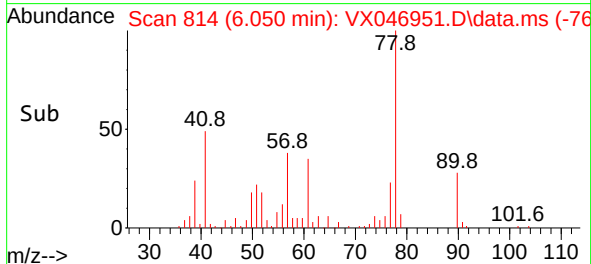
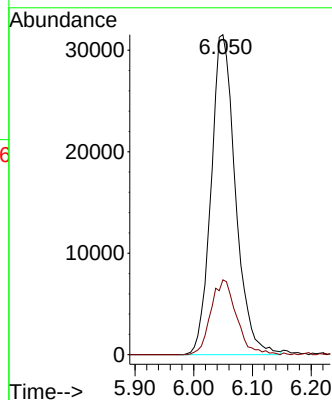
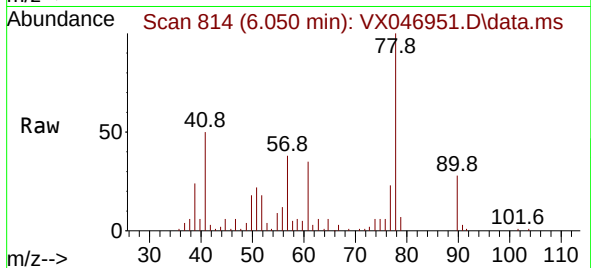
250709071-01 VOA

Tgt Ion: 78 Resp: 90851

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1



#41

Methacrylonitrile

Concen: 147.972 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.085 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Tgt Ion: 41 Resp: 468808

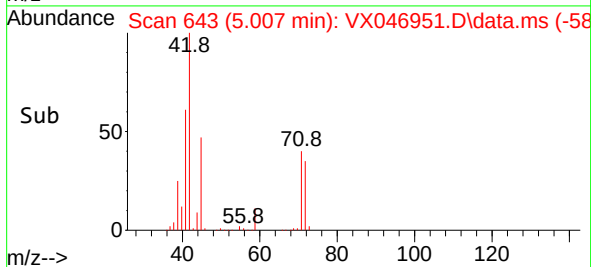
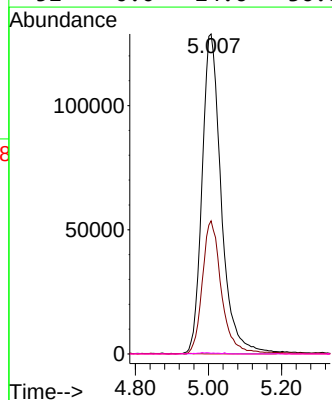
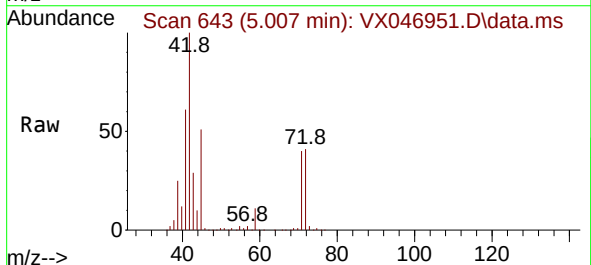
Ion Ratio Lower Upper

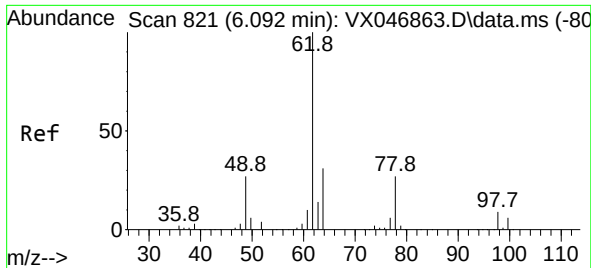
41 100

39 41.6 43.0 64.4#

67 0.0 60.2 90.2#

52 0.0 24.6 36.8#

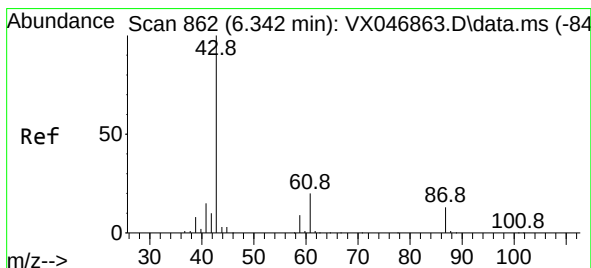
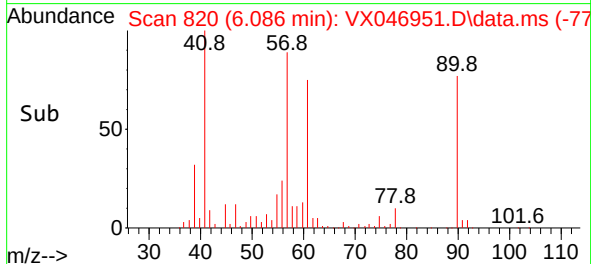
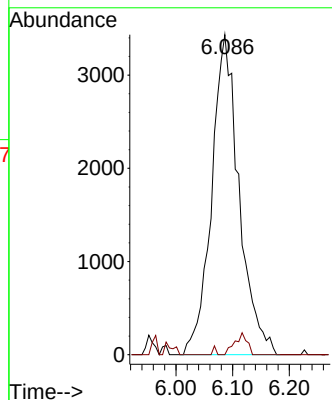
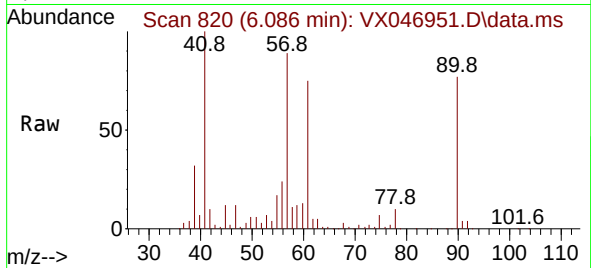




#42
1,2-Dichloroethane
Concen: 1.610 ug/l
RT: 6.086 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

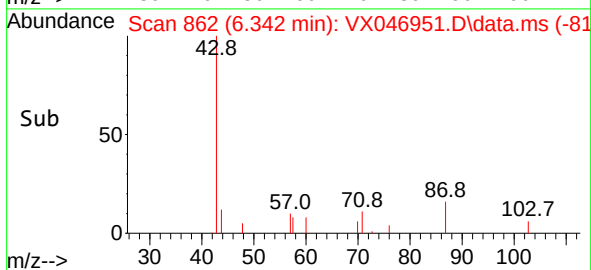
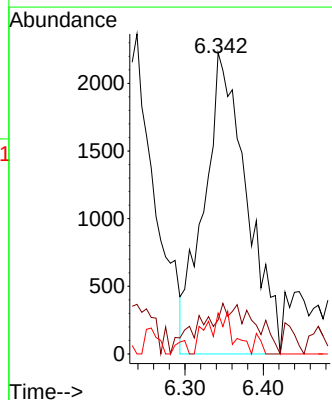
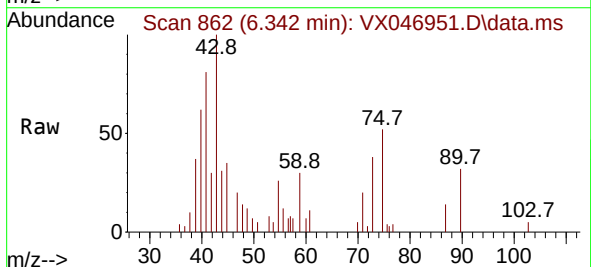
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

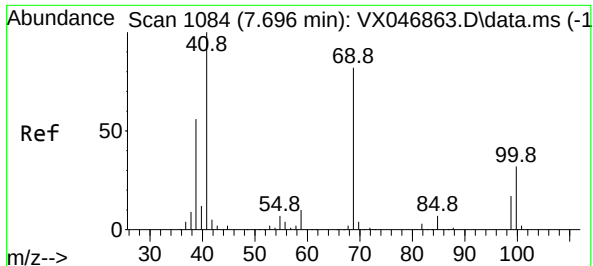
Tgt Ion: 62 Resp: 11531
Ion Ratio Lower Upper
62 100
98 0.3 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.923 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 43 Resp: 8397
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 5.2 10.1 15.1#

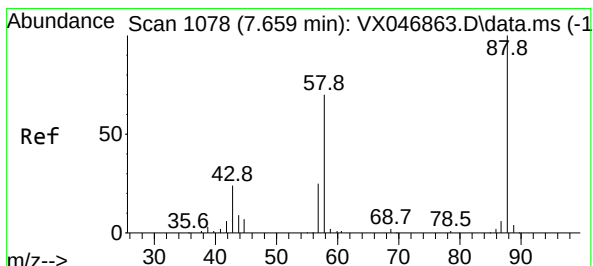
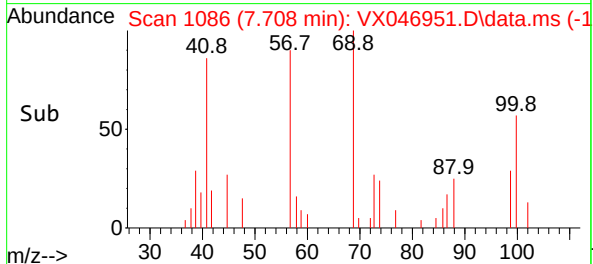
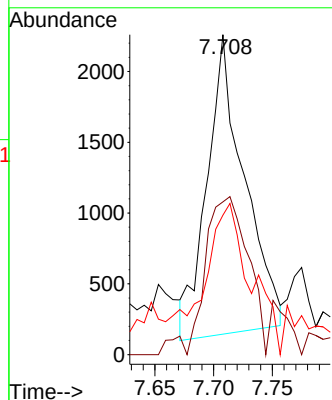
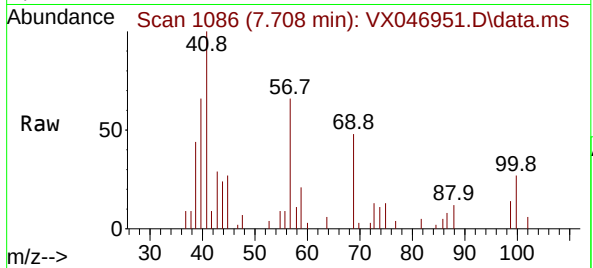




#48
Methyl methacrylate
Concen: 0.994 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

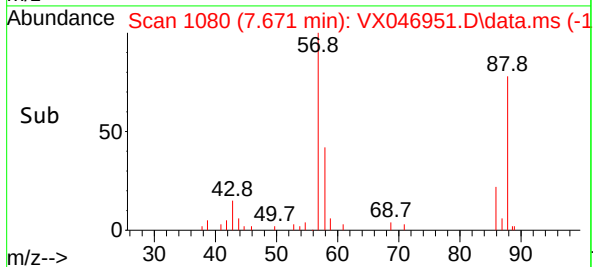
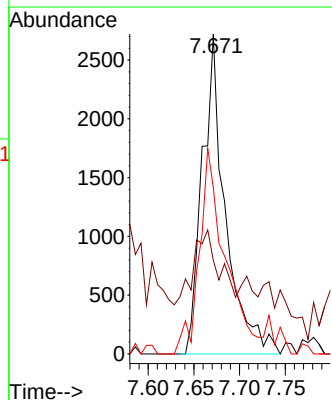
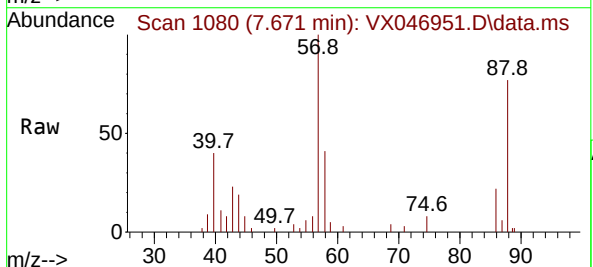
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

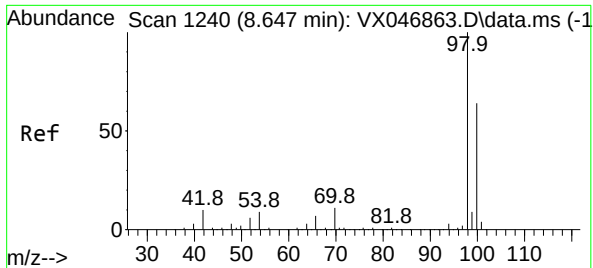
Tgt Ion: 41 Resp: 4671
Ion Ratio Lower Upper
41 100
69 59.0 65.8 98.8#
39 64.9 43.8 65.6



#49
1,4-Dioxane
Concen: 88.009 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 88 Resp: 4790
Ion Ratio Lower Upper
88 100
43 0.0 31.7 47.5#
58 71.8 57.5 86.3

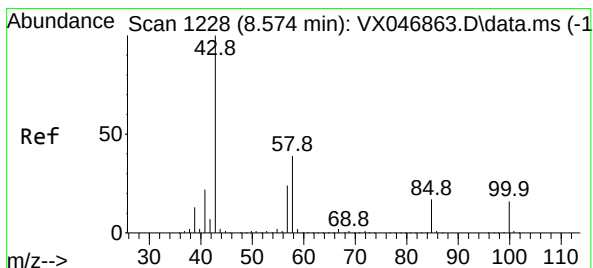
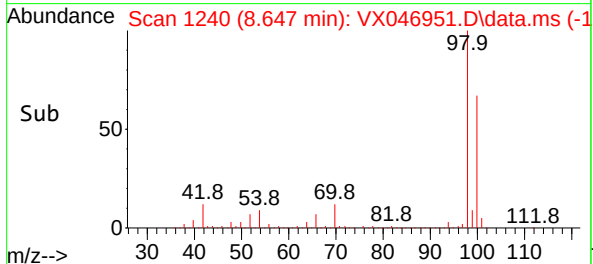
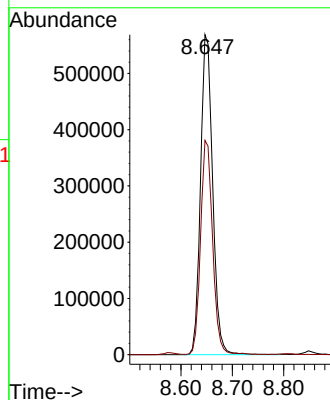
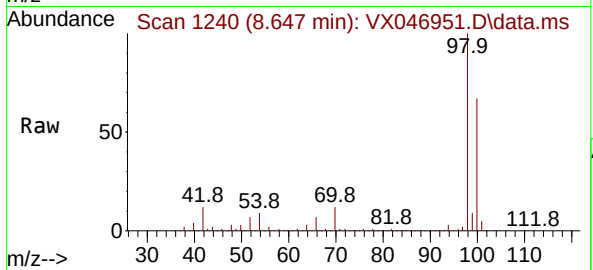




#50
Toluene-d8
Concen: 50.972 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

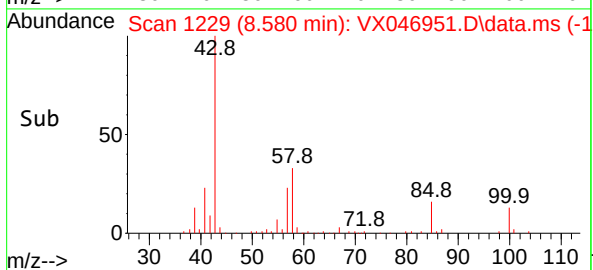
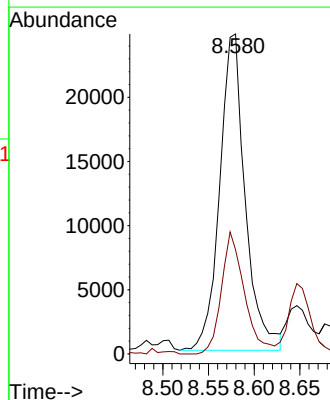
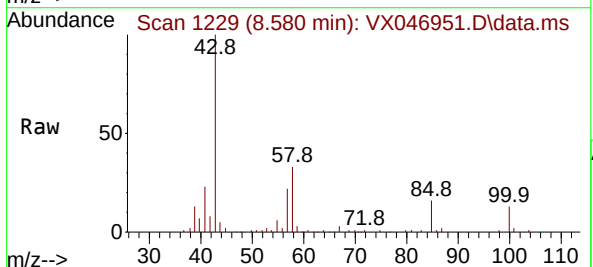
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

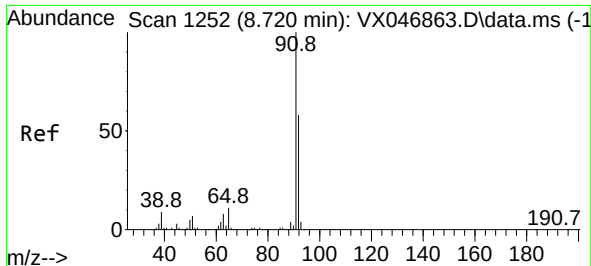
Tgt Ion: 98 Resp: 929469
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 8.938 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 43 Resp: 47987
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

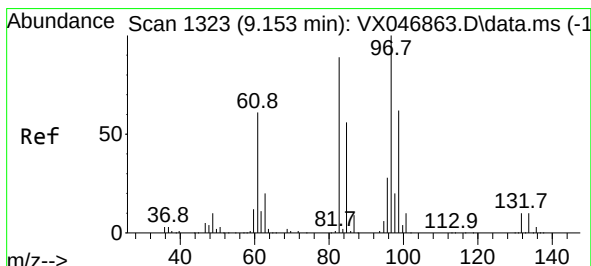
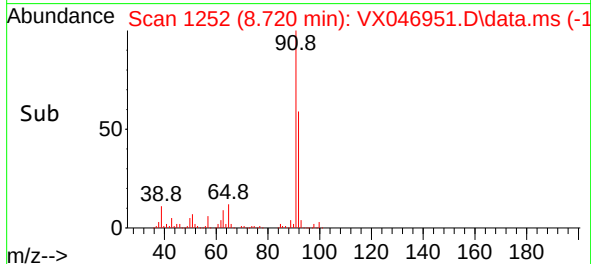
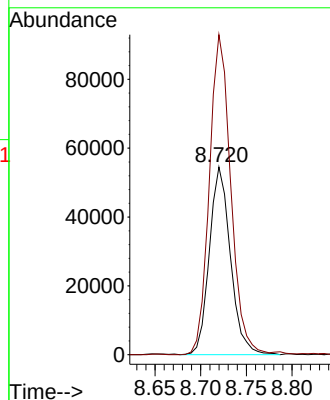
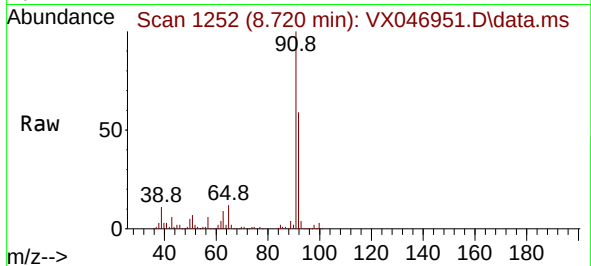




#52
Toluene
Concen: 6.693 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

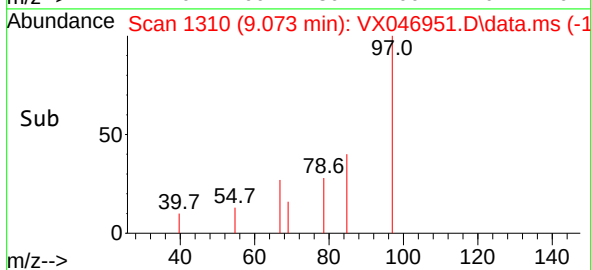
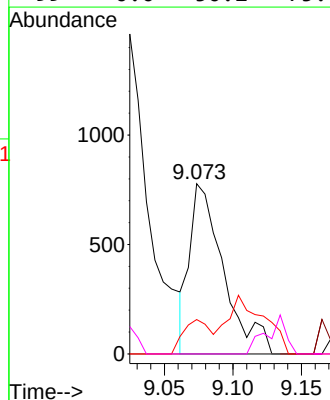
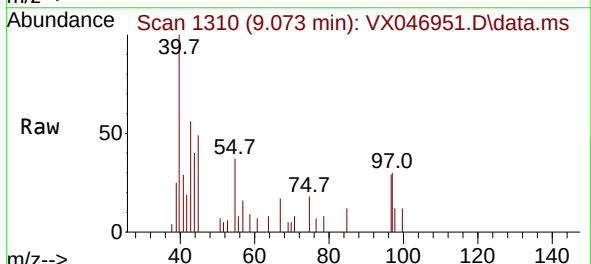
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

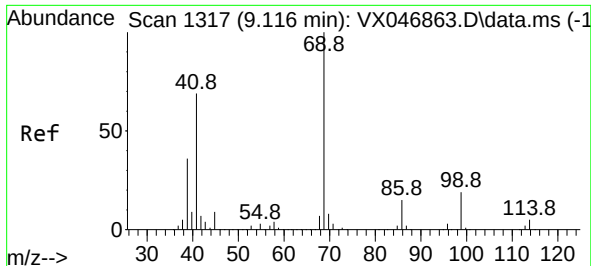
Tgt Ion: 92 Resp: 87478
Ion Ratio Lower Upper
92 100
91 174.0 137.9 206.9



#55
1,1,2-Trichloroethane
Concen: 0.273 ug/l
RT: 9.073 min Scan# 1310
Delta R.T. -0.079 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 97 Resp: 1331
Ion Ratio Lower Upper
97 100
83 0.0 70.9 106.3#
85 10.0 44.6 67.0#
99 0.0 50.2 75.4#

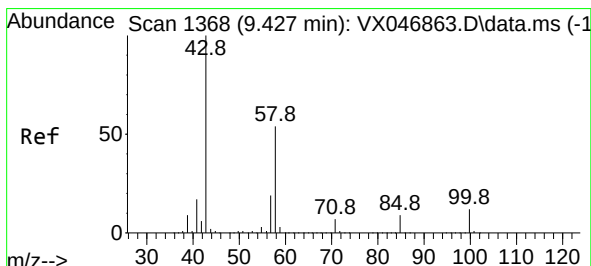
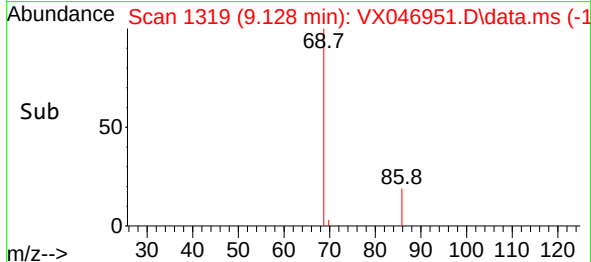
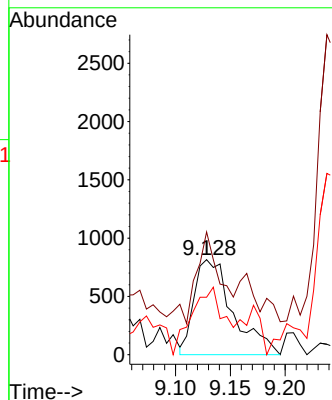
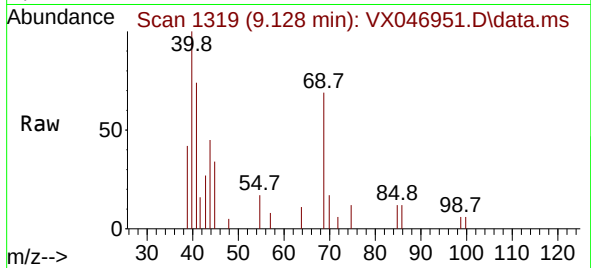




#56
Ethyl methacrylate
Concen: 0.298 ug/l
RT: 9.128 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

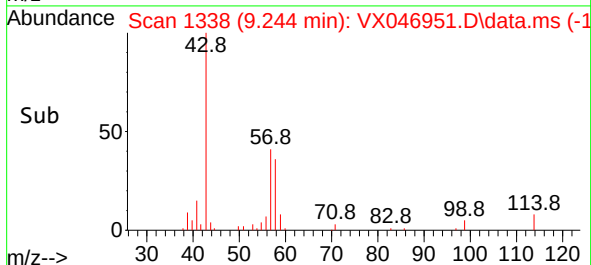
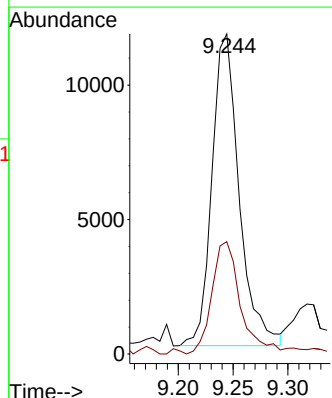
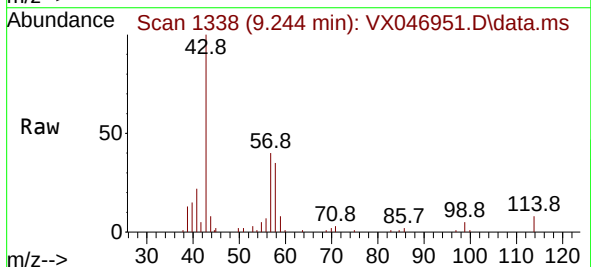
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

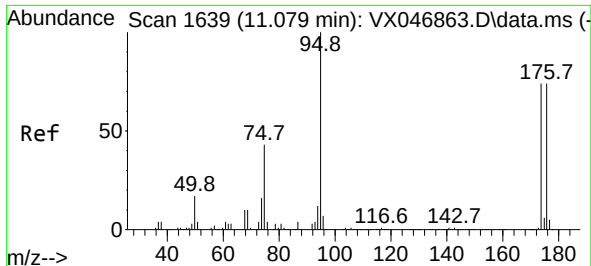
Tgt Ion: 69 Resp: 2006
Ion Ratio Lower Upper
69 100
41 0.0 54.6 82.0#
39 59.5 28.7 43.1#



#59
2-Hexanone
Concen: 5.622 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.183 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 43 Resp: 20022
Ion Ratio Lower Upper
43 100
58 38.1 27.1 81.3

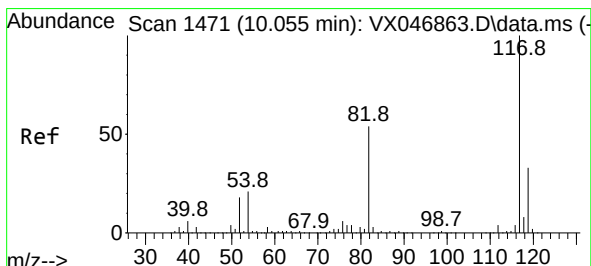
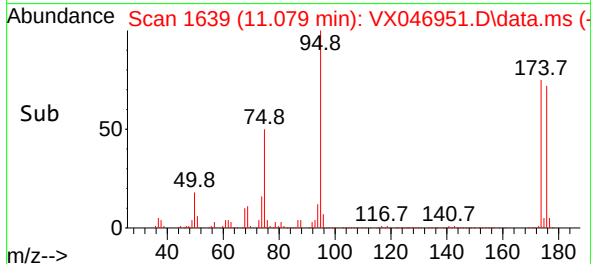
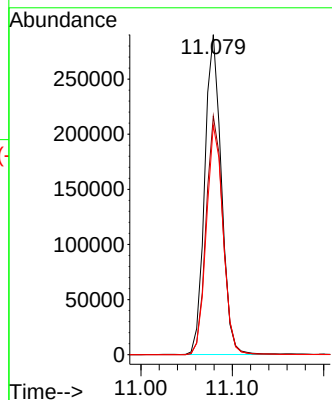
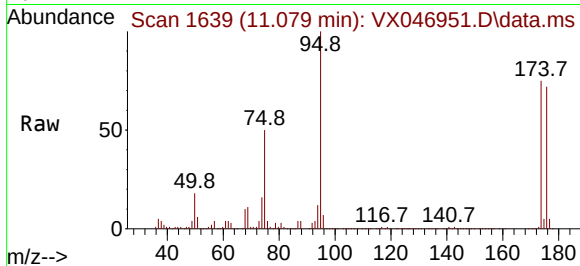




#62
4-Bromofluorobenzene
Concen: 52.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

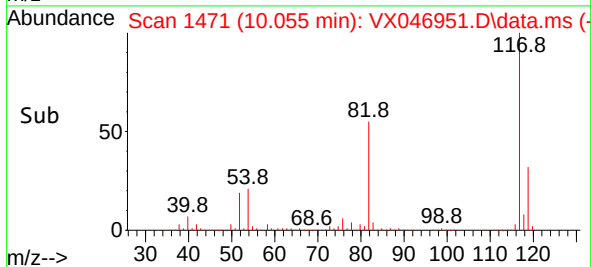
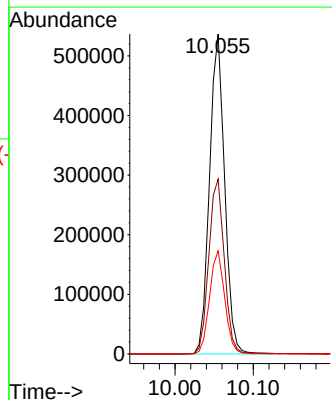
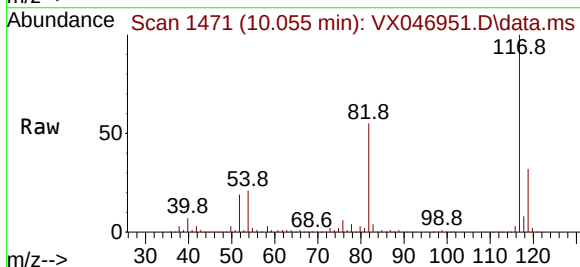
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

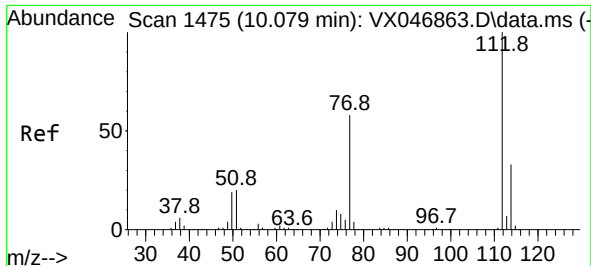
Tgt Ion: 95 Resp: 366996
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.0
176 72.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 117 Resp: 719131
Ion Ratio Lower Upper
117 100
82 54.7 43.3 64.9
119 32.2 26.4 39.6

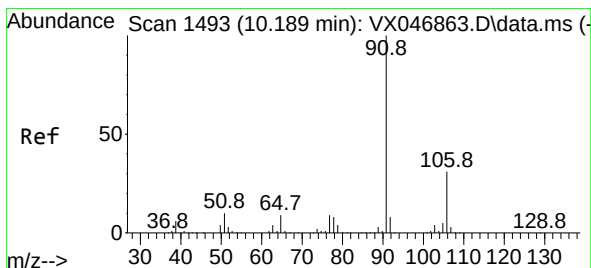
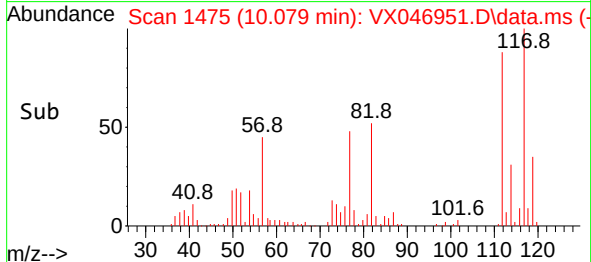
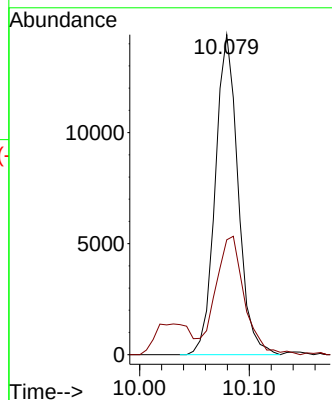
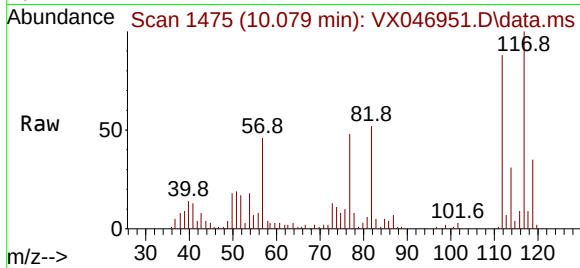




#65
Chlorobenzene
Concen: 1.340 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

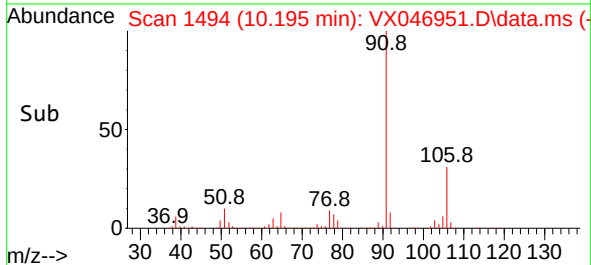
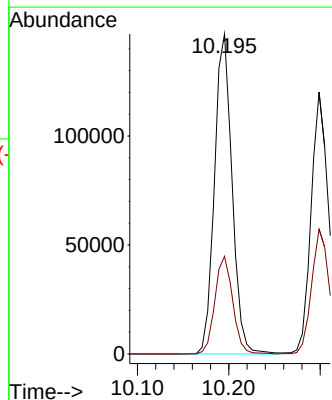
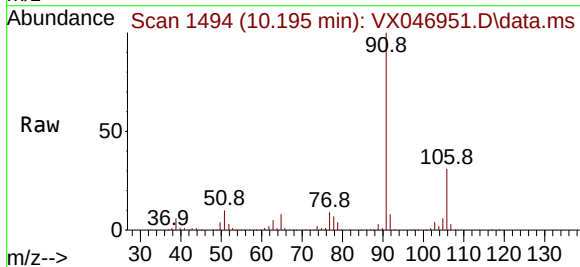
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

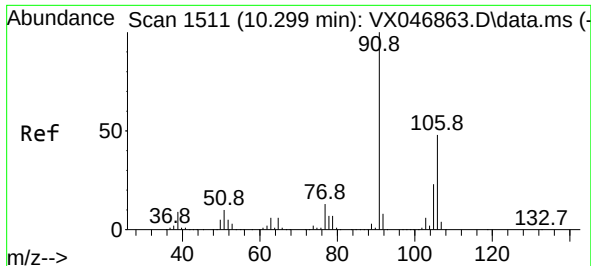
Tgt Ion:112 Resp: 20832
Ion Ratio Lower Upper
112 100
114 35.1 26.3 39.5



#67
Ethyl Benzene
Concen: 7.375 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 91 Resp: 196380
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

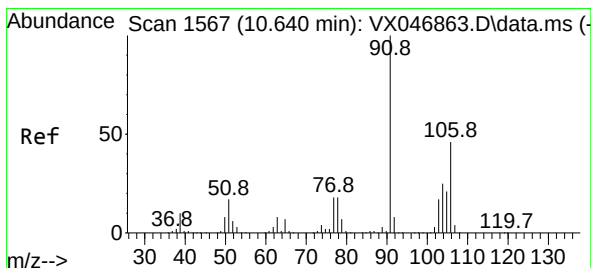
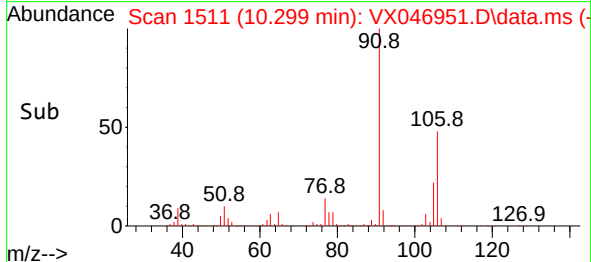
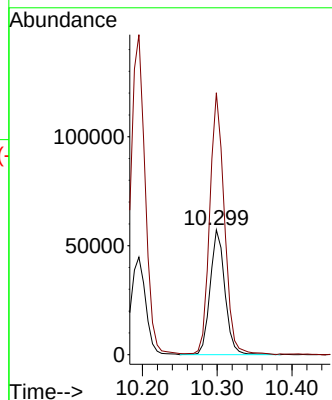
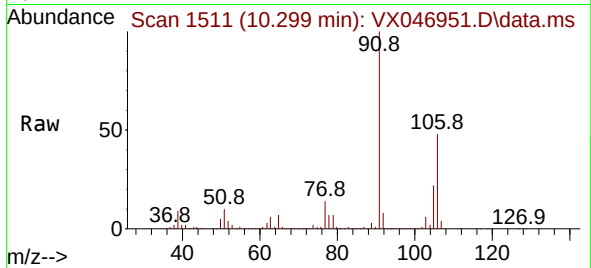




#68
m/p-Xylenes
Concen: 7.826 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

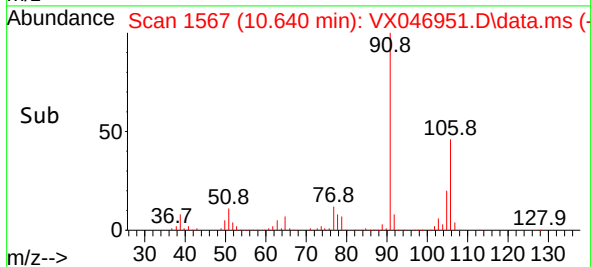
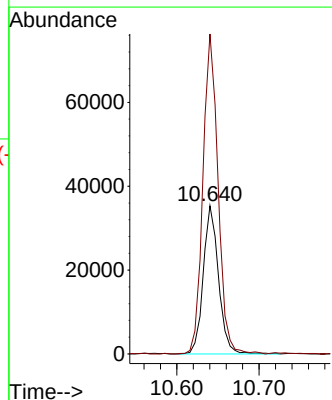
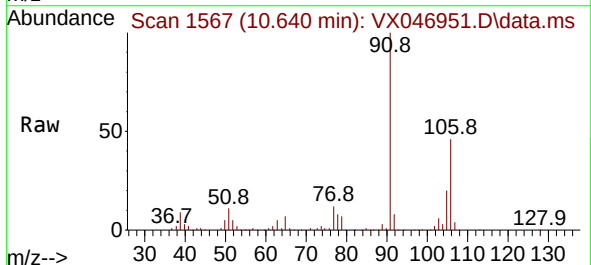
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

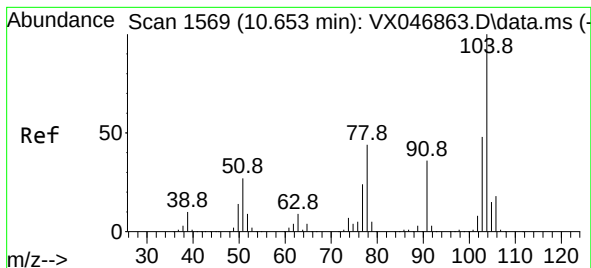
Tgt Ion:106 Resp: 78521
Ion Ratio Lower Upper
106 100
91 208.3 164.6 246.8



#69
o-Xylene
Concen: 4.702 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion:106 Resp: 45570
Ion Ratio Lower Upper
106 100
91 214.1 109.5 328.5





#70

Styrene

Concen: 0.613 ug/l

RT: 10.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

250709071-01 VOA

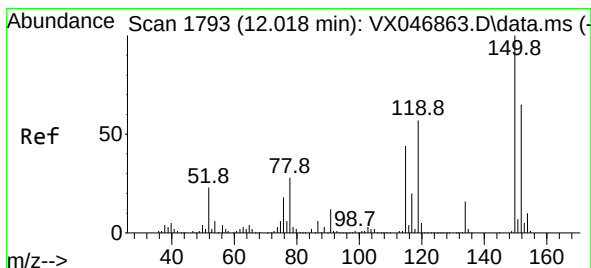
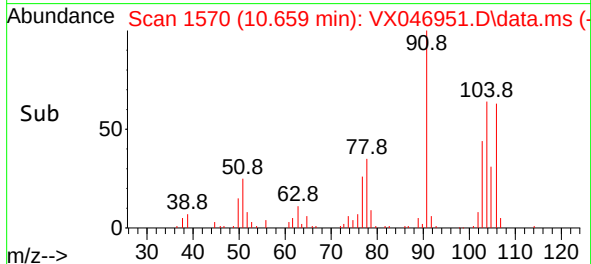
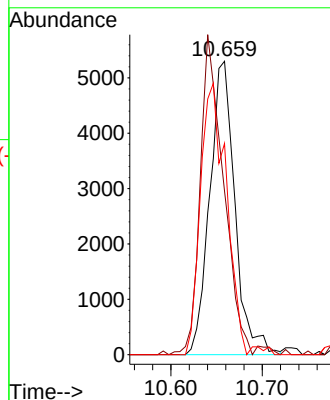
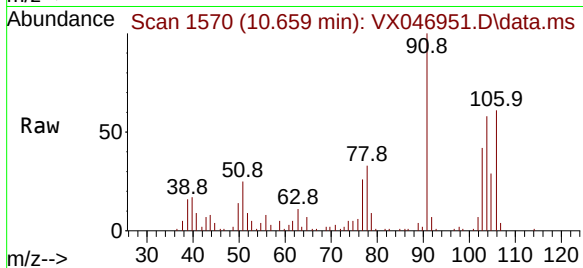
Tgt Ion:104 Resp: 10167

Ion Ratio Lower Upper

104 100

78 100.4 40.3 60.5#

103 95.1 42.8 64.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

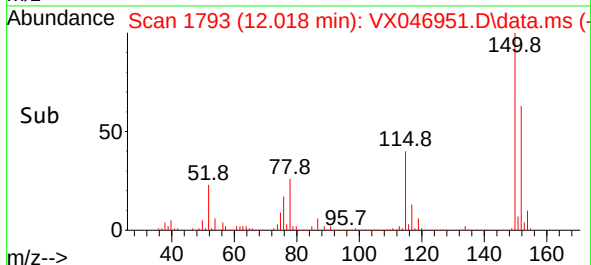
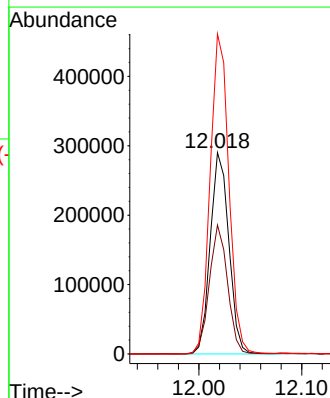
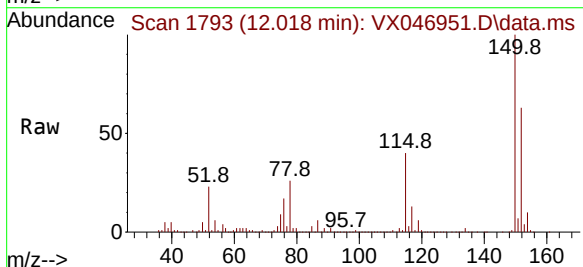
Tgt Ion:152 Resp: 364444

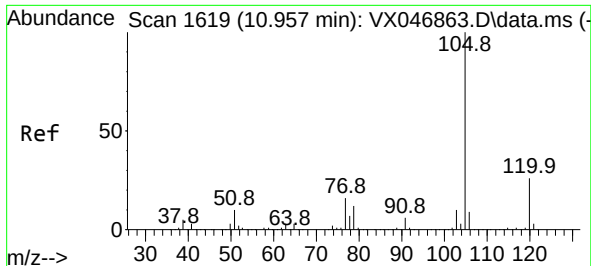
Ion Ratio Lower Upper

152 100

115 62.4 42.4 127.1

150 160.1 0.0 349.2

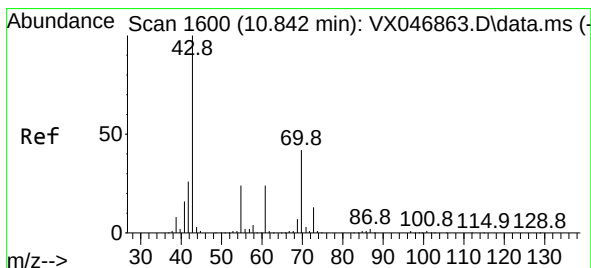
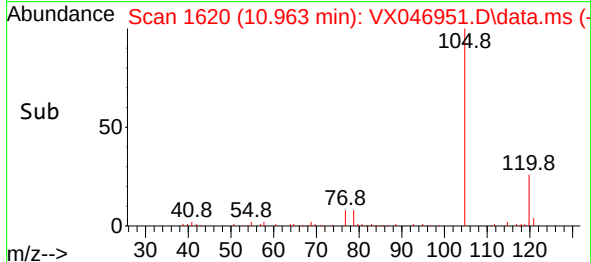
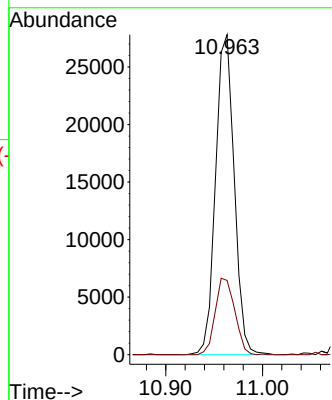
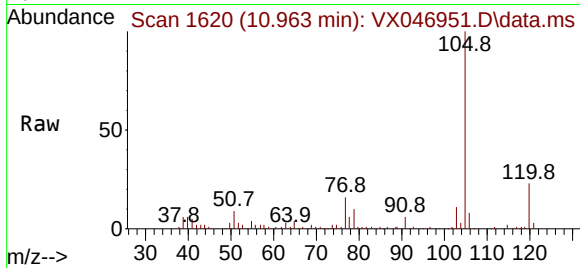




#73
Isopropylbenzene
Concen: 1.452 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

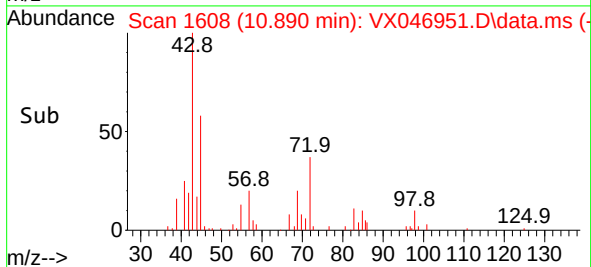
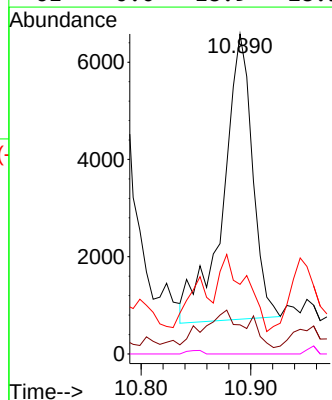
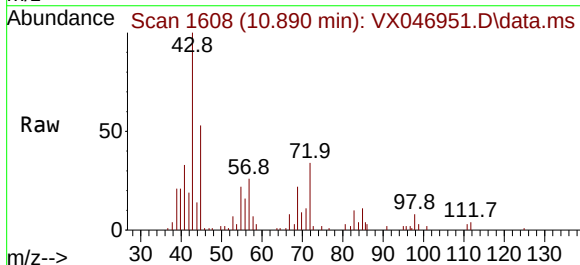
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

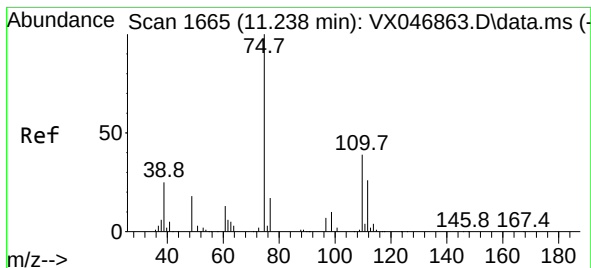
Tgt Ion:105 Resp: 37211
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.5



#74
N-ethyl acetate
Concen: 1.257 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.049 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 43 Resp: 10942
Ion Ratio Lower Upper
43 100
70 18.9 33.4 50.2#
55 24.5 19.6 29.4
61 0.0 18.9 28.3#





#76

1,2,3-Trichloropropane

Concen: 32.693 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

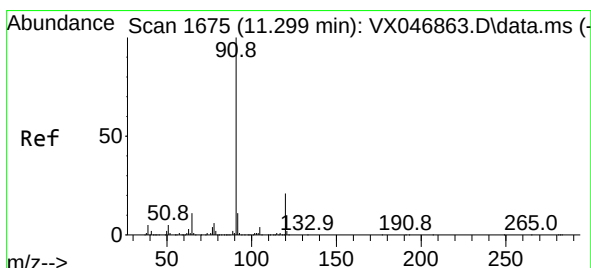
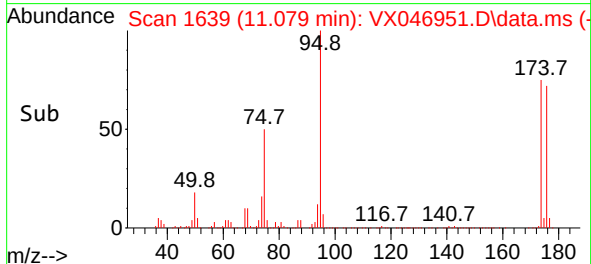
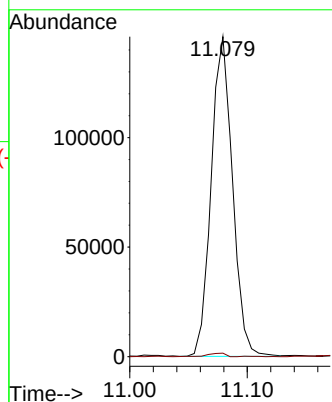
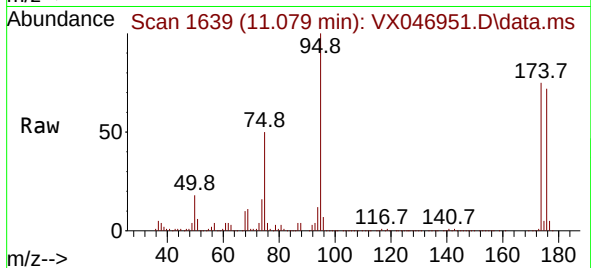
250709071-01 VOA

Tgt Ion: 75 Resp: 184102

Ion Ratio Lower Upper

75 100

77 0.9 20.6 61.8#



#78

n-propylbenzene

Concen: 0.615 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046951.D

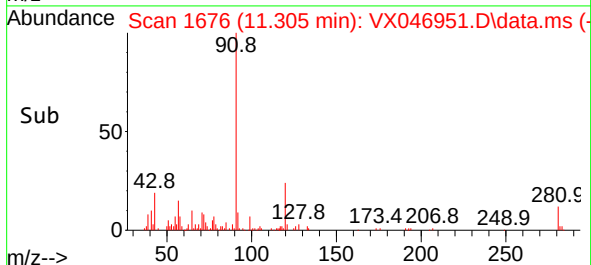
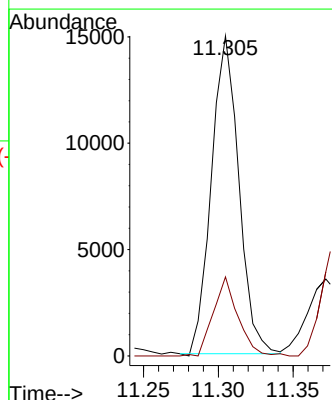
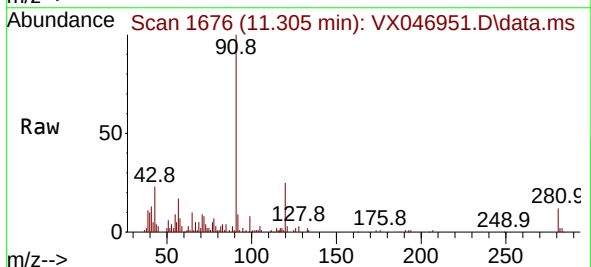
Acq: 10 Jul 2025 17:34

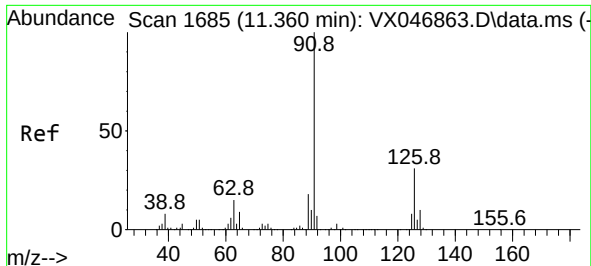
Tgt Ion: 91 Resp: 18995

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.413 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

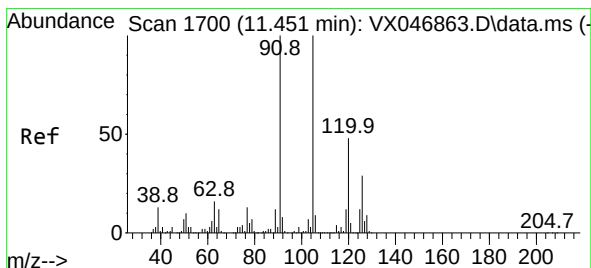
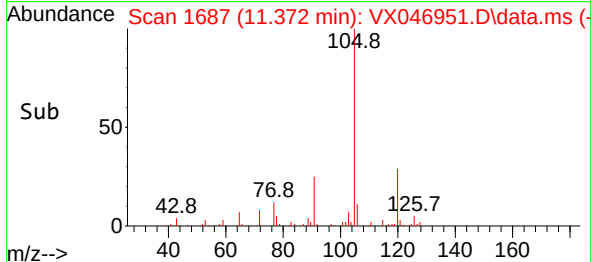
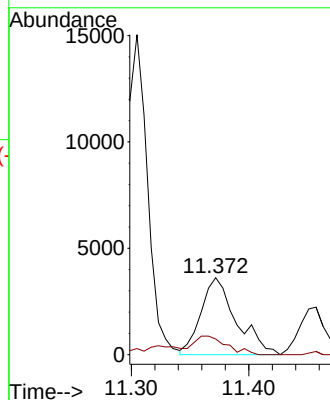
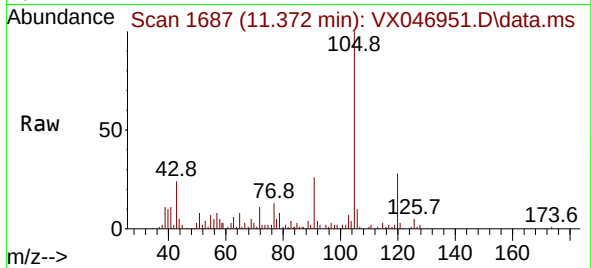
250709071-01 VOA

Tgt Ion: 91 Resp: 7526

Ion Ratio Lower Upper

91 100

126 21.9 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.713 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046951.D

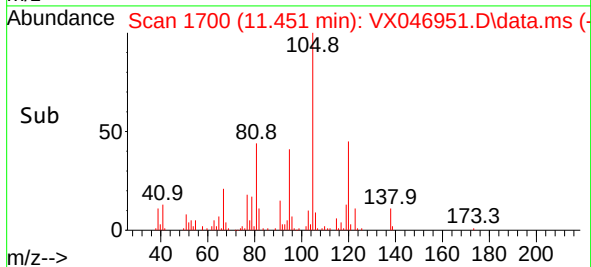
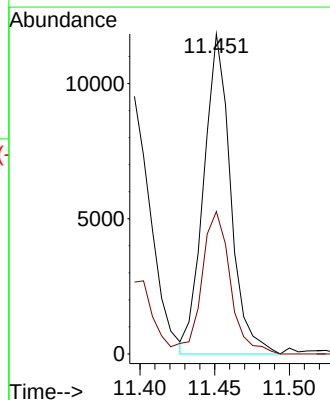
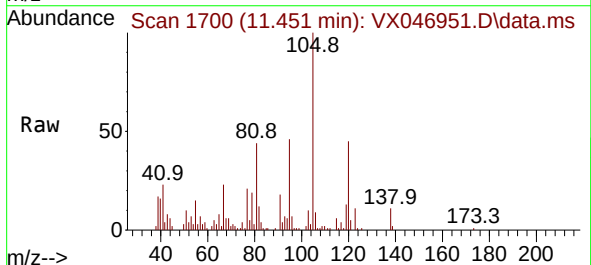
Acq: 10 Jul 2025 17:34

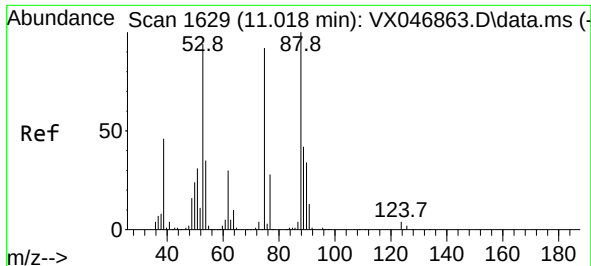
Tgt Ion: 105 Resp: 14835

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.4

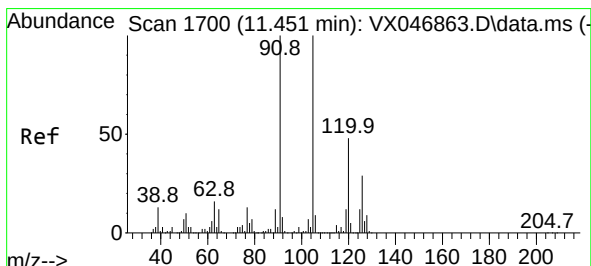
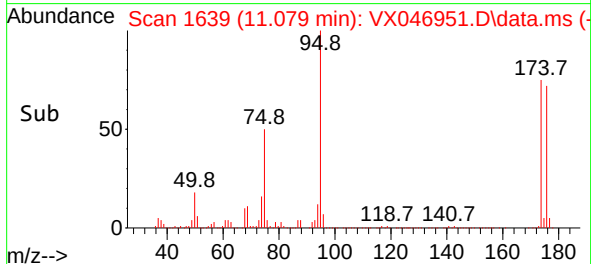
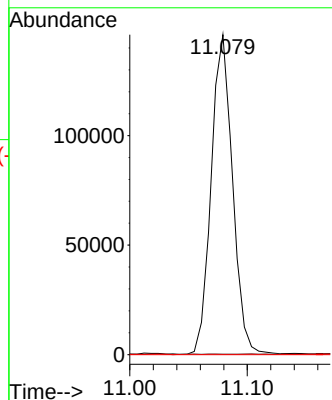
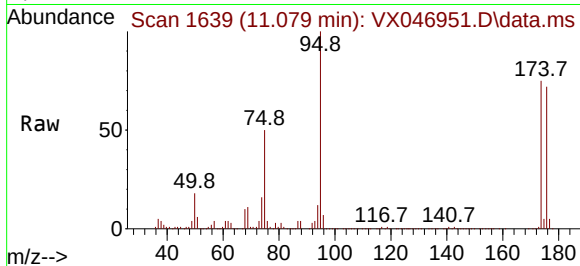




#81
trans-1,4-Dichloro-2-butene
Concen: 87.733 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

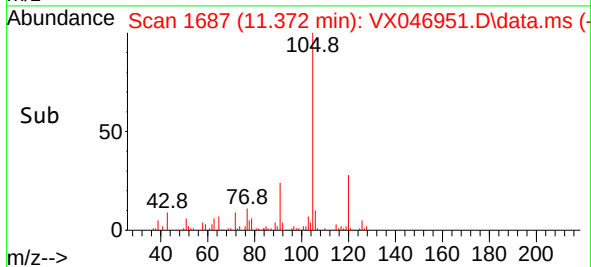
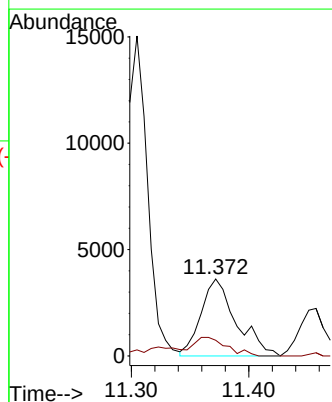
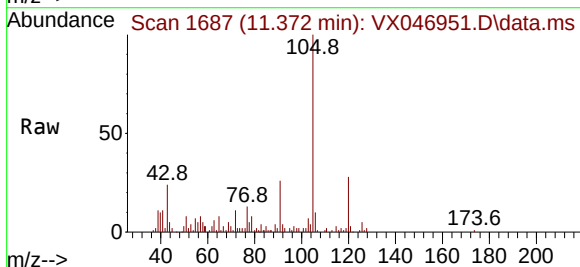
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

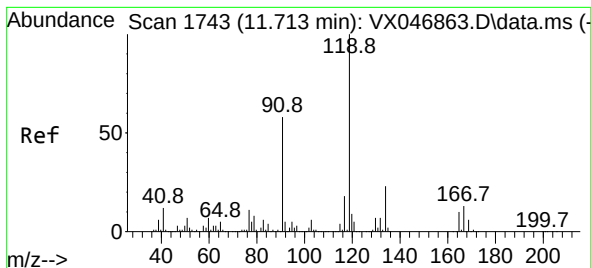
Tgt Ion: 75 Resp: 184102
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.358 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. -0.079 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion: 91 Resp: 7526
Ion Ratio Lower Upper
91 100
126 21.9 14.6 44.0





#83

tert-Butylbenzene

Concen: 0.228 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.256 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

250709071-01 VOA

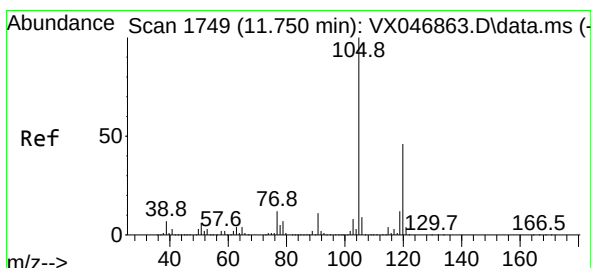
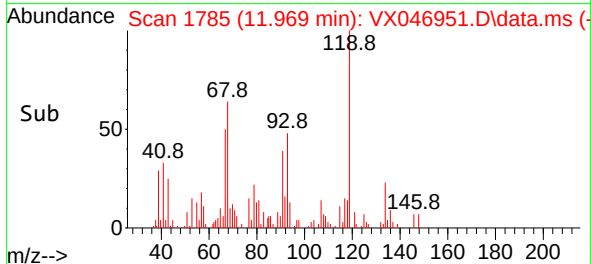
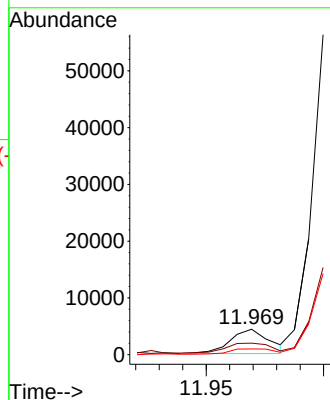
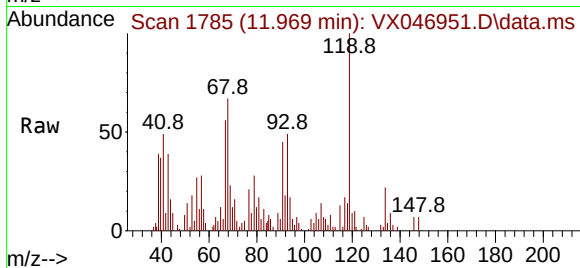
Tgt Ion:119 Resp: 4902

Ion Ratio Lower Upper

119 100

91 47.0 28.7 86.3

134 24.7 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 3.099 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046951.D

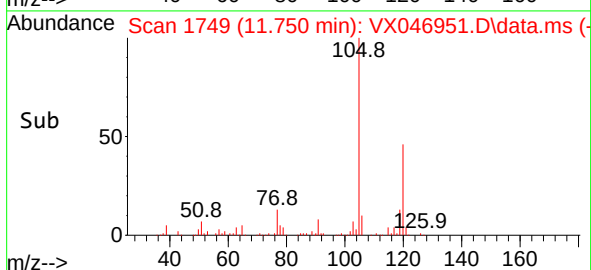
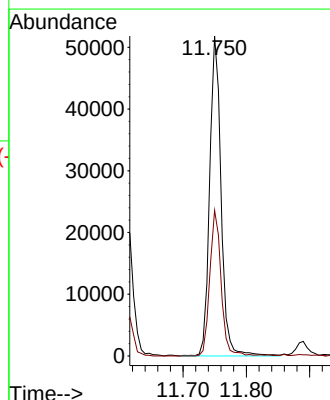
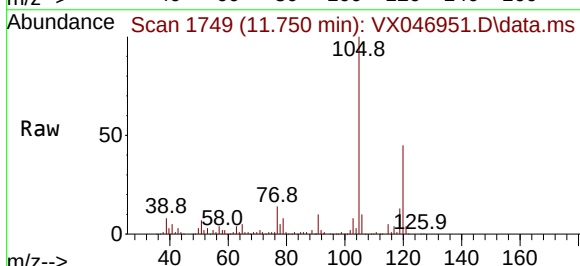
Acq: 10 Jul 2025 17:34

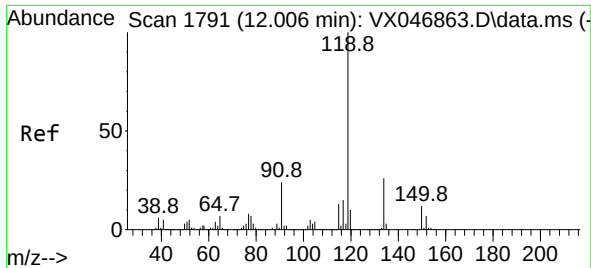
Tgt Ion:105 Resp: 65198

Ion Ratio Lower Upper

105 100

120 45.0 23.3 69.8

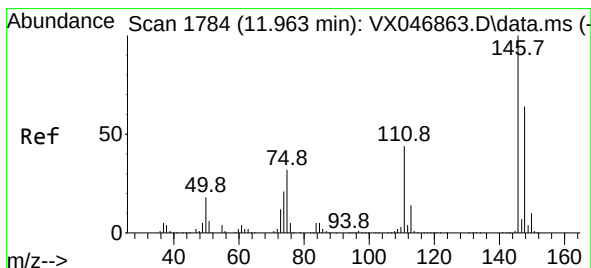
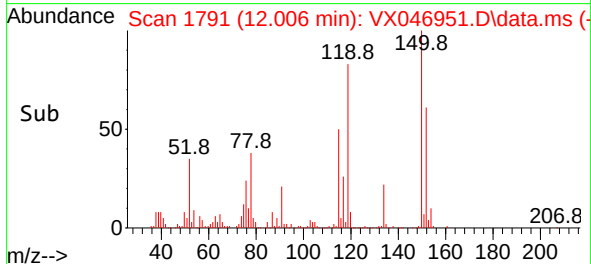
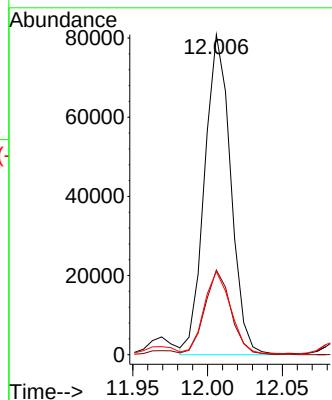
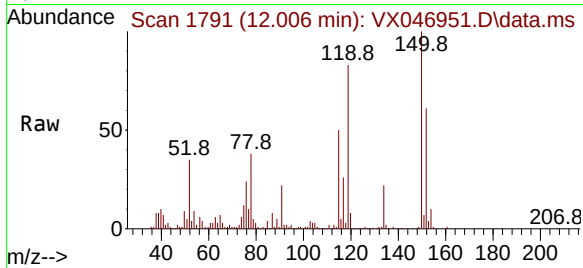




#86
p-Isopropyltoluene
Concen: 4.339 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

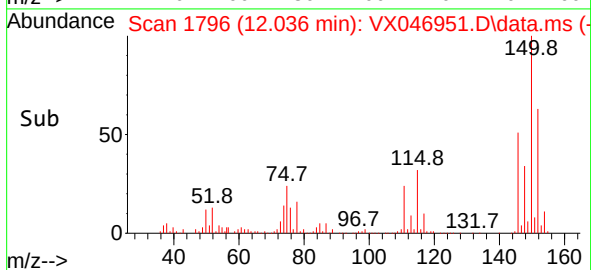
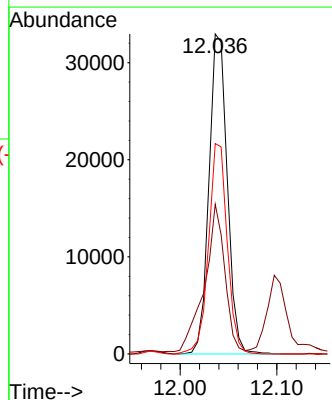
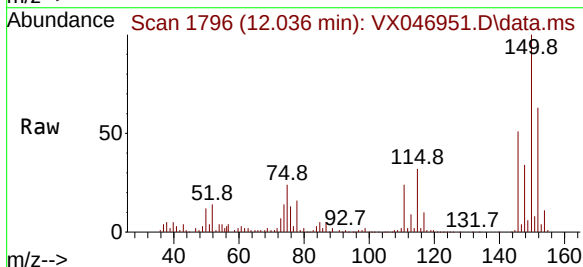
Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

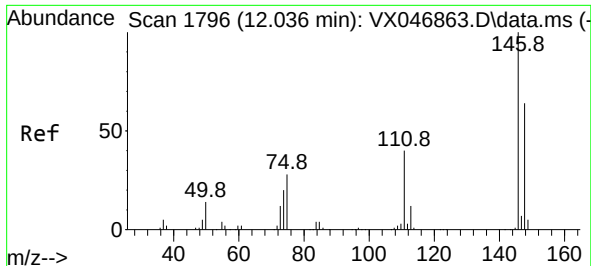
Tgt Ion:119 Resp: 98500
Ion Ratio Lower Upper
119 100
134 26.4 13.0 39.0
91 27.1 12.0 36.1



#87
1,3-Dichlorobenzene
Concen: 3.634 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.073 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

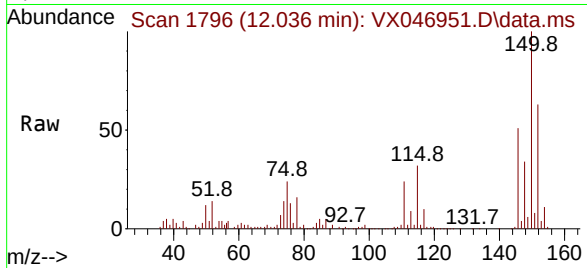
Tgt Ion:146 Resp: 43370
Ion Ratio Lower Upper
146 100
111 50.7 20.5 61.6
148 67.3 31.4 94.2



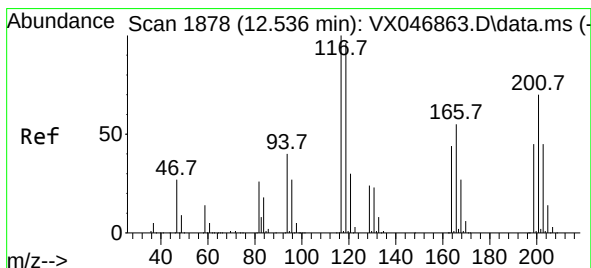
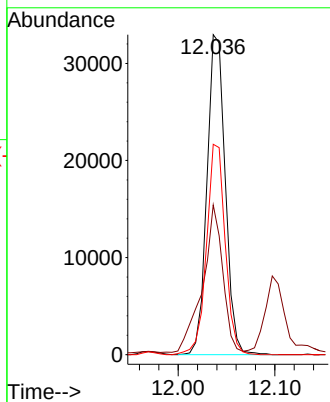
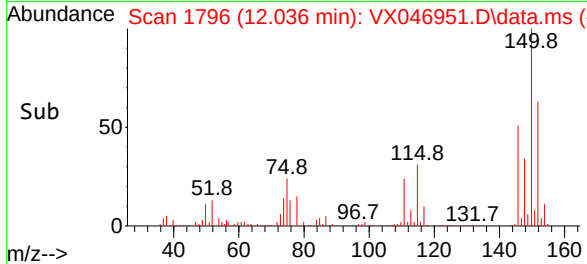


#88
1,4-Dichlorobenzene
Concen: 3.492 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Instrument :
MSVOA_X
ClientSampleId :
250709071-01 VOA

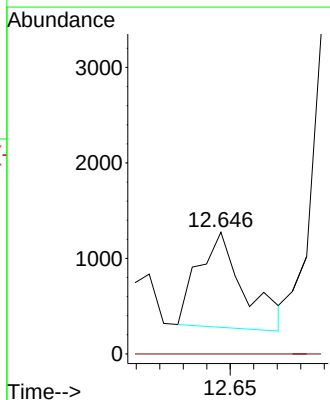
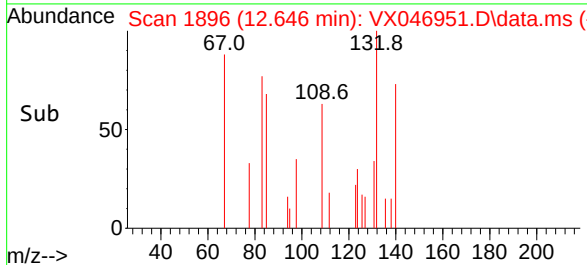
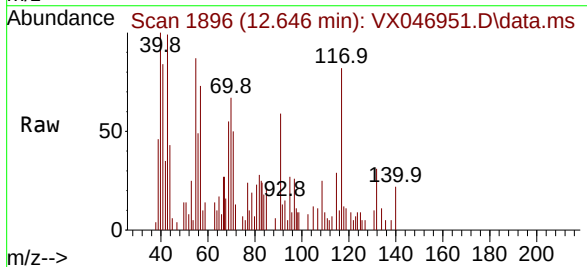


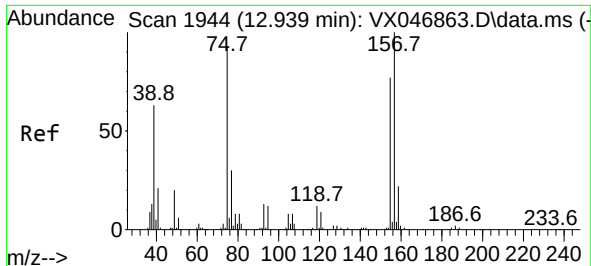
Tgt Ion:146 Resp: 43370
Ion Ratio Lower Upper
146 100
111 50.7 20.2 60.5
148 67.3 32.4 97.0



#90
Hexachloroethane
Concen: 0.333 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.110 min
Lab File: VX046951.D
Acq: 10 Jul 2025 17:34

Tgt Ion:117 Resp: 1342
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.629 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.024 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

250709071-01 VOA

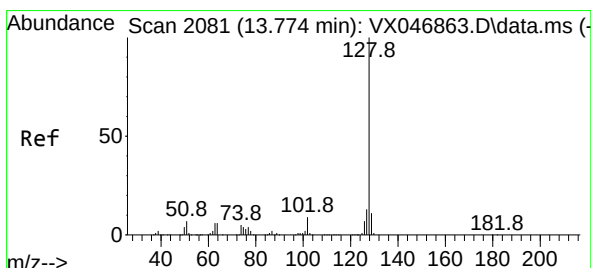
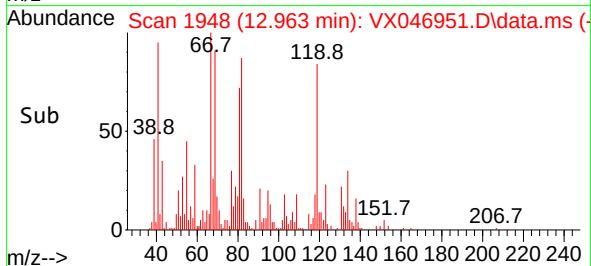
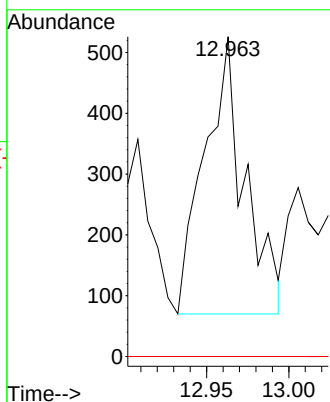
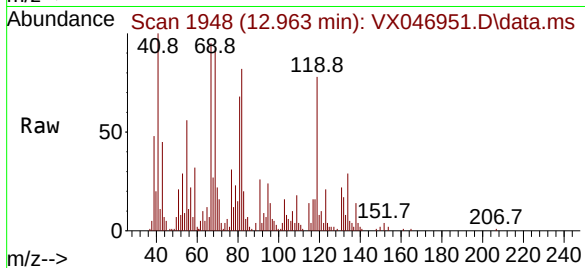
Tgt Ion: 75 Resp: 775

Ion Ratio Lower Upper

75 100

155 0.0 43.1 129.4#

157 0.0 56.5 169.5#



#95

Naphthalene

Concen: 36.112 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046951.D

Acq: 10 Jul 2025 17:34

Tgt Ion: 128 Resp: 747664

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.6 13.0

