

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048634.D
 Acq On : 20 Nov 2025 13:48
 Operator : JC/MD
 Sample : Q3689-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251119071-01 VOA

Quant Time: Nov 21 00:32:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	145970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	324019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119166	58.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.180%#	
35) Dibromofluoromethane	5.373	113	97166	42.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 85.700%	
50) Toluene-d8	8.635	98	349735	49.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	11.061	95	158629	60.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.360%	

Target Compounds					Qvalue	
3) Chloromethane	1.374	50	351	0.224	ug/l #	42
4) Vinyl Chloride	1.380	62	849	0.478	ug/l	94
8) Diethyl Ether	2.136	74	6716	5.954	ug/l	91
10) Methyl Iodide	2.465	142	657	0.273	ug/l #	84
11) Tert butyl alcohol	2.934	59	3537047	9177.250	ug/l	98
13) Acrolein	2.367	56	163	2.923	ug/l #	1
14) Allyl chloride	2.630	41	22652	7.160	ug/l #	27
15) Acrylonitrile	2.928	53	27253	24.222	ug/l #	19
16) Acetone	2.367	43	927719	963.573	ug/l	99
17) Carbon Disulfide	2.520	76	13391	2.800	ug/l	96
18) Methyl Acetate	2.934	43	405745	153.350	ug/l #	51
19) Methyl tert-butyl Ether	3.105	73	12854	2.142	ug/l #	1
20) Methylene Chloride	2.788	84	884	0.447	ug/l	92
25) 2-Butanone	4.538	43	1588986	1115.639	ug/l	96
26) 2,2-Dichloropropane	4.538	77	125816	44.274	ug/l #	52
27) cis-1,2-Dichloroethene	4.483	96	2009	0.913	ug/l #	20
28) Bromochloromethane	4.983	49	1645	1.005	ug/l #	10
29) Tetrahydrofuran	4.983	42	801784	789.292	ug/l	97
31) Cyclohexane	5.532	56	3578	1.310	ug/l #	43
37) Ethyl Acetate	4.538	43	1592966	372.676	ug/l #	79
38) Carbon Tetrachloride	5.544	117	14617	4.229	ug/l #	17
40) Benzene	6.019	78	34386	3.653	ug/l	99
41) Methacrylonitrile	4.983	41	453375	241.187	ug/l #	41
42) 1,2-Dichloroethane	6.080	62	2001	0.620	ug/l	89
43) Isopropyl Acetate	6.318	43	3163	0.526	ug/l #	69
45) 1,2-Dichloropropane	7.415	63	623	0.288	ug/l #	44
49) 1,4-Dioxane	7.647	88	3295	80.959	ug/l #	53
51) 4-Methyl-2-Pentanone	8.561	43	48181	14.087	ug/l	94
52) Toluene	8.702	92	105006	21.189	ug/l	99
55) 1,1,2-Trichloroethane	9.061	97	1101	0.556	ug/l #	28
59) 2-Hexanone	9.421	43	8601	3.381	ug/l	77
65) Chlorobenzene	10.061	112	12374	1.609	ug/l	92
67) Ethyl Benzene	10.177	91	107359	8.313	ug/l	98
68) m/p-Xylenes	10.287	106	41276	8.486	ug/l	98
69) o-Xylene	10.622	106	22322	4.691	ug/l	92
70) Styrene	10.646	104	4370	0.547	ug/l #	22

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048634.D
 Acq On : 20 Nov 2025 13:48
 Operator : JC/MD
 Sample : Q3689-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251119071-01 VOA

Quant Time: Nov 21 00:32:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

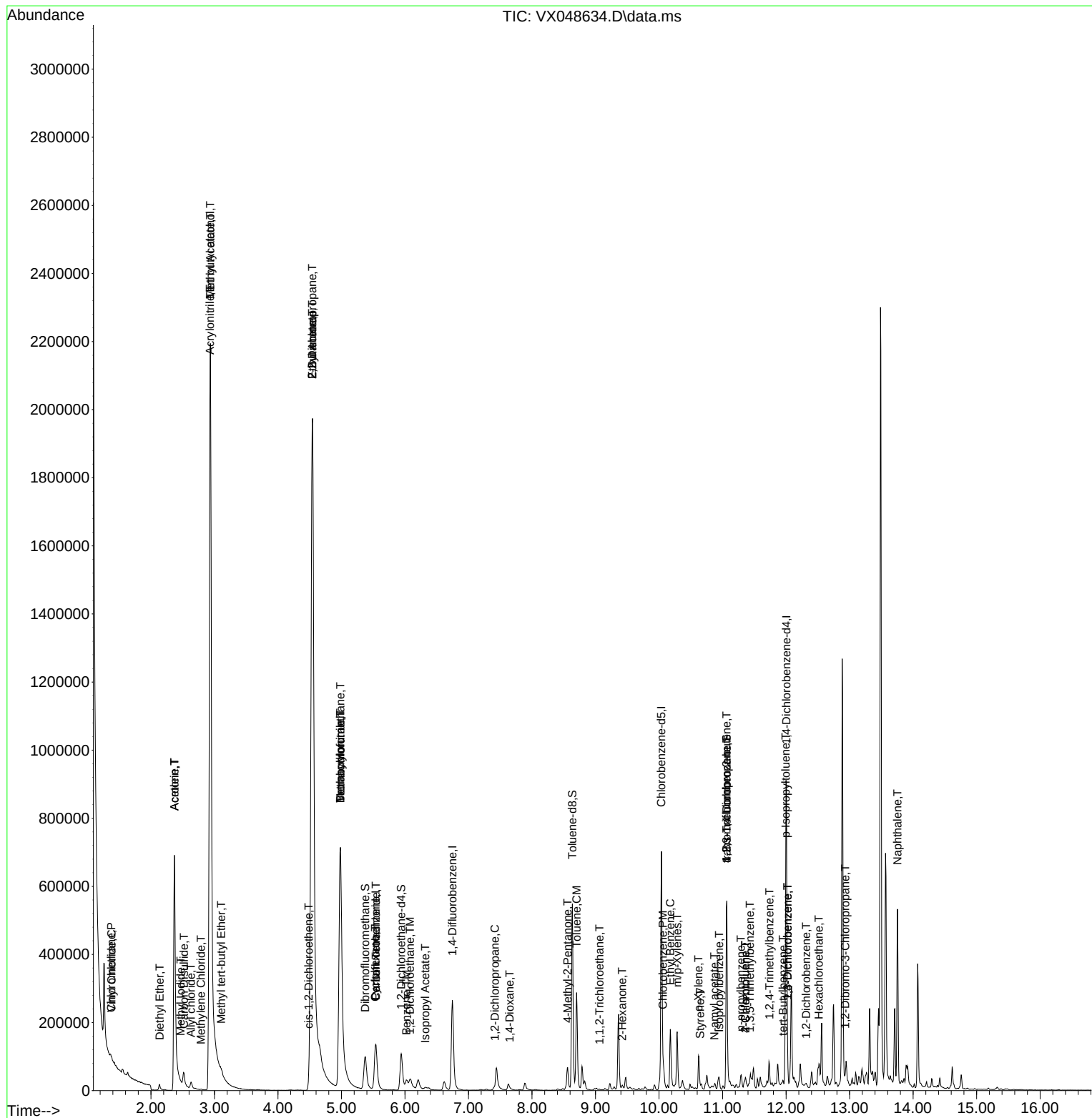
73) Isopropylbenzene	10.945	105	14863	1.140	ug/l	98
74) N-amyl acetate	10.872	43	4827	0.737	ug/l #	57
76) 1,2,3-Trichloropropane	11.061	75	81851	18.916	ug/l #	31
78) n-propylbenzene	11.287	91	6279	0.410	ug/l	96
79) 2-Chlorotoluene	11.360	91	3974	0.429	ug/l	75
80) 1,3,5-Trimethylbenzene	11.433	105	8034	0.756	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.061	75	81241	53.704	ug/l #	12
82) 4-Chlorotoluene	11.360	91	3974	0.366	ug/l	81
83) tert-Butylbenzene	11.951	119	2283	0.208	ug/l	91
84) 1,2,4-Trimethylbenzene	11.738	105	32141	2.997	ug/l	98
86) p-Isopropyltoluene	11.994	119	76643	6.710	ug/l	98
87) 1,3-Dichlorobenzene	12.024	146	17744	2.812	ug/l	89
88) 1,4-Dichlorobenzene	12.024	146	17744	2.723	ug/l	89
90) Hexachloroethane	12.518	117	1002	0.460	ug/l #	14
91) 1,2-Dichlorobenzene	12.317	146	1299	0.214	ug/l #	74
92) 1,2-Dibromo-3-Chloropr...	12.933	75	519	0.486	ug/l #	1
95) Naphthalene	13.756	128	298000	23.028	ug/l	100

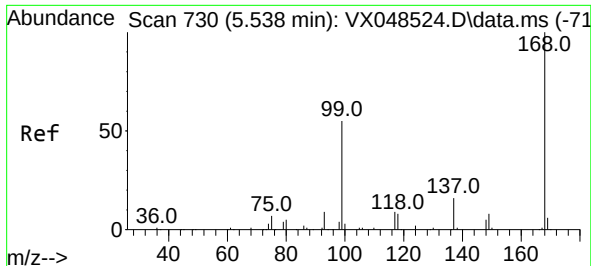
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Time: Nov 21 00:32:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

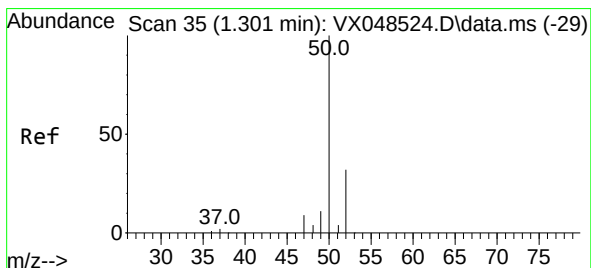
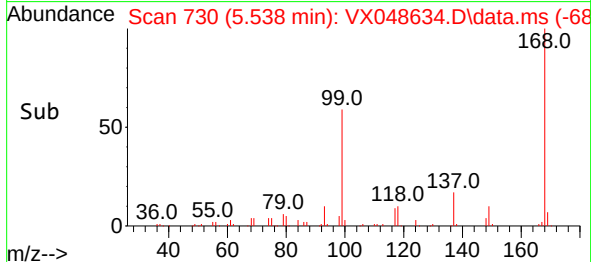
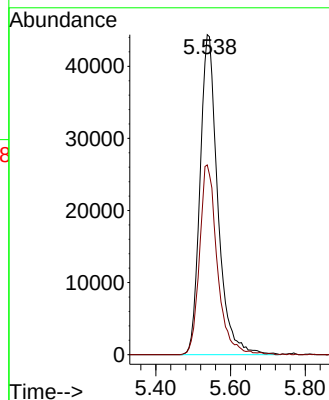
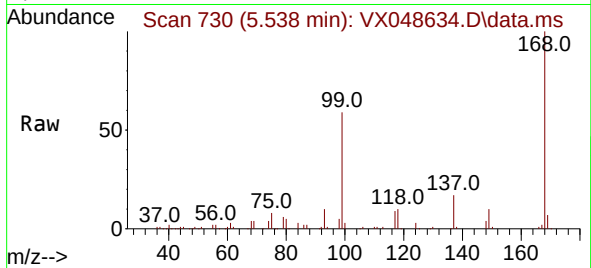




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

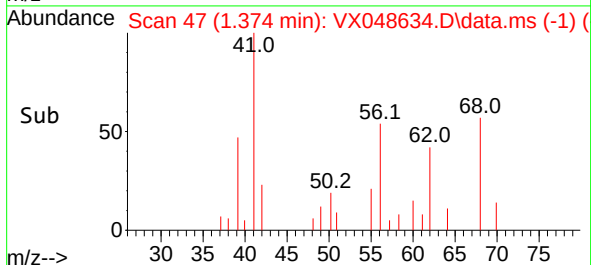
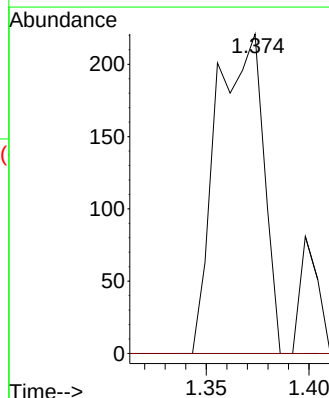
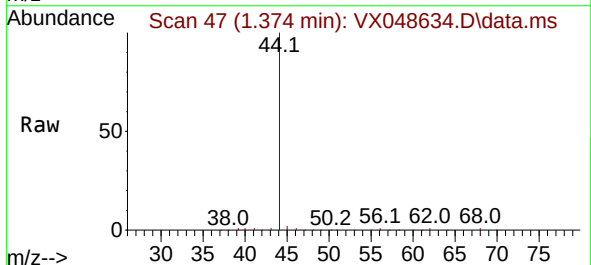
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

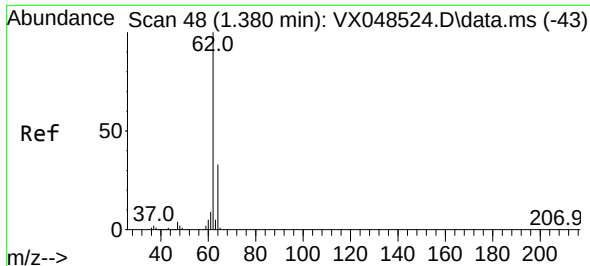
Tgt Ion:168 Resp: 145970
Ion Ratio Lower Upper
168 100
99 59.3 45.2 67.8



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.073 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

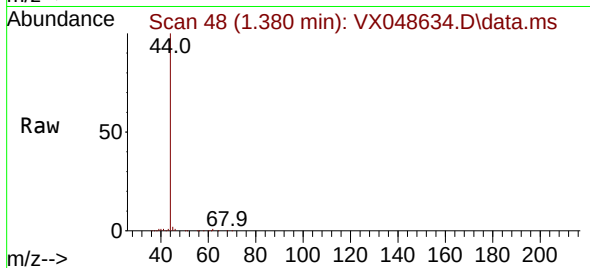
Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#



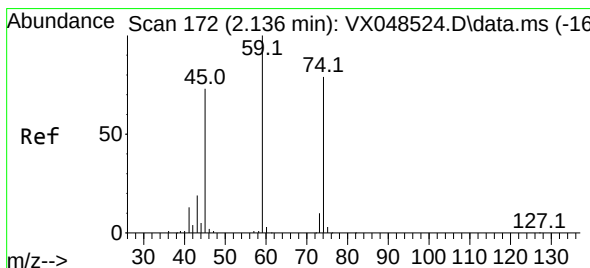
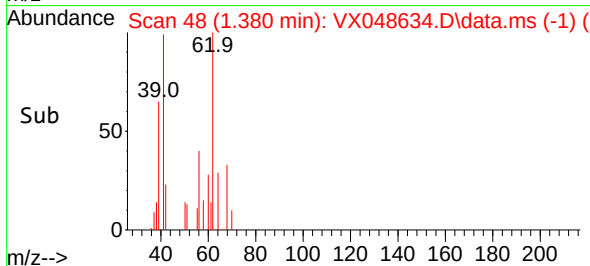
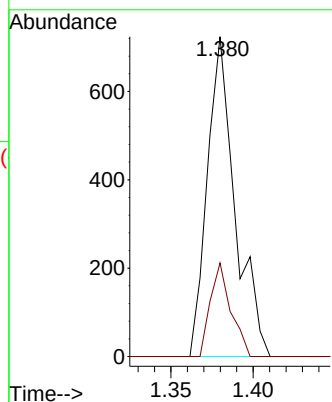


#4
Vinyl Chloride
Concen: 0.478 ug/l
RT: 1.380 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

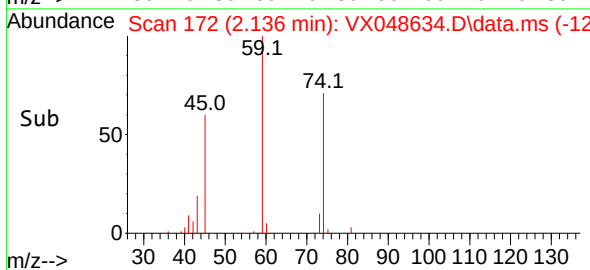
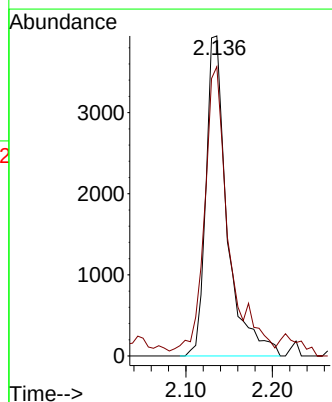
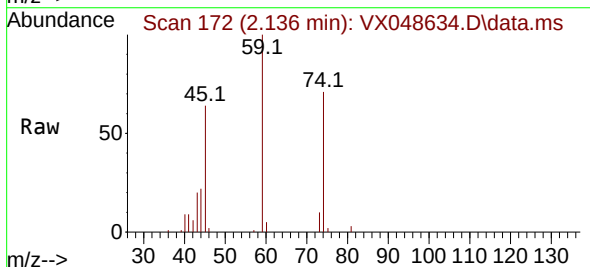


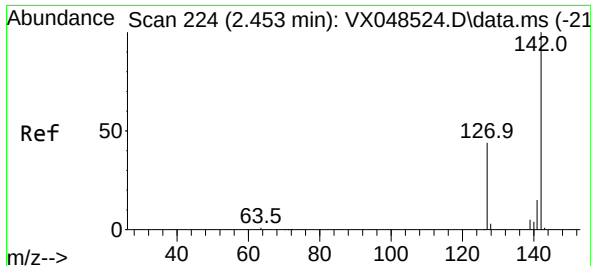
Tgt Ion: 62 Resp: 849
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.4



#8
Diethyl Ether
Concen: 5.954 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 74 Resp: 6716
Ion Ratio Lower Upper
74 100
45 99.9 45.9 137.6

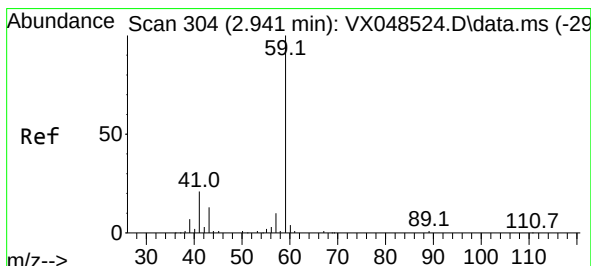
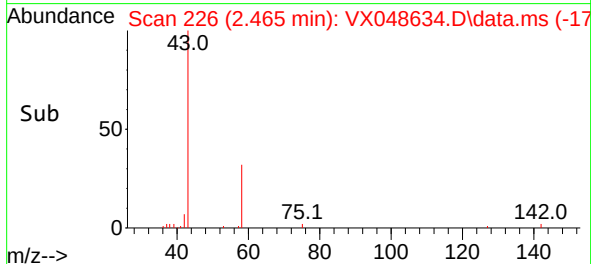
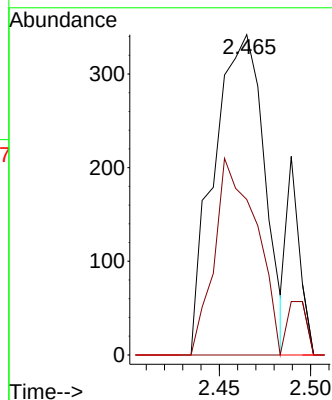
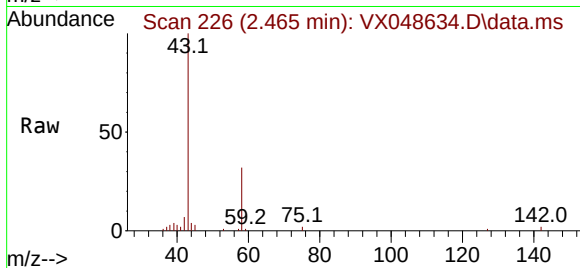




#10
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

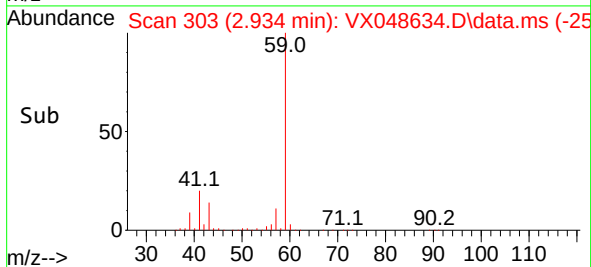
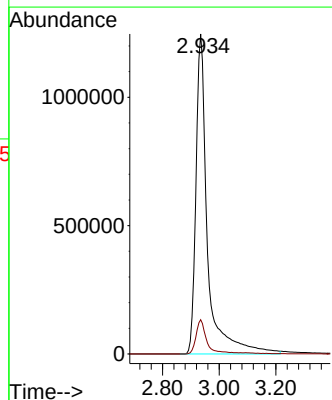
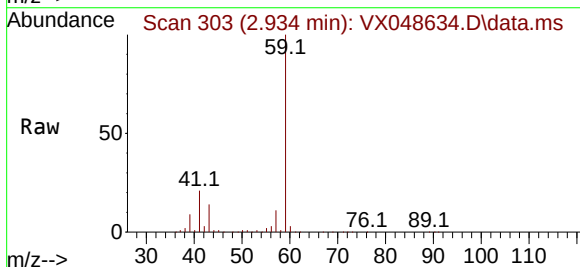
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

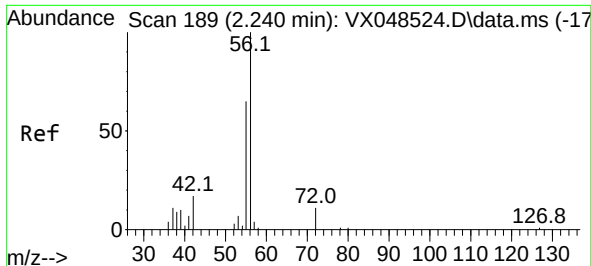
Tgt Ion:142 Resp: 657
Ion Ratio Lower Upper
142 100
127 51.0 35.8 53.6
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9177.250 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 59 Resp: 3537047
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0





#13

Acrolein

Concen: 2.923 ug/l

RT: 2.367 min Scan# 210

Delta R.T. 0.128 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

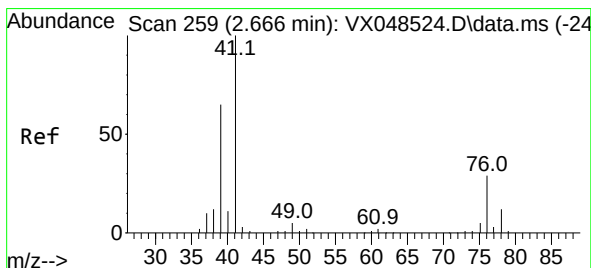
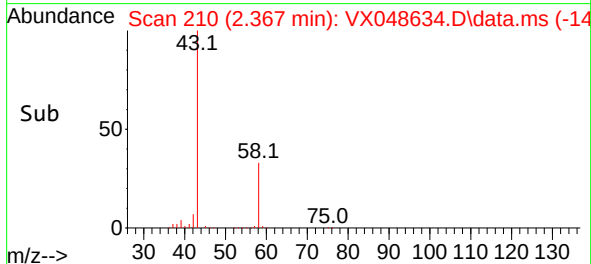
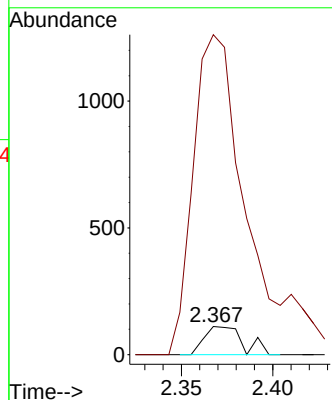
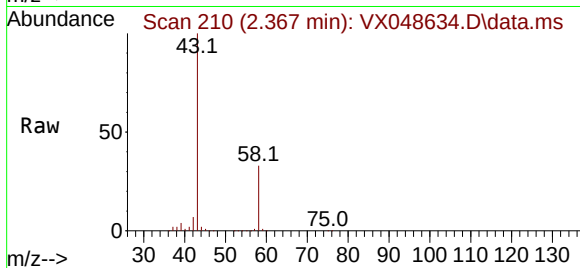
251119071-01 VOA

Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 1603.1 54.9 82.3#



#14

Allyl chloride

Concen: 7.160 ug/l

RT: 2.630 min Scan# 253

Delta R.T. -0.037 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

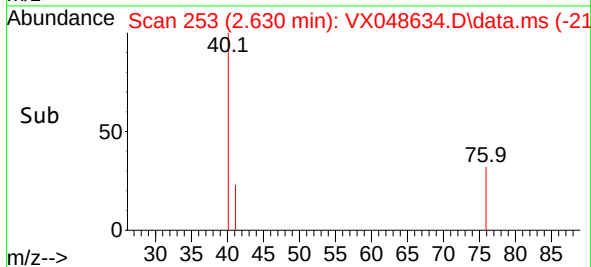
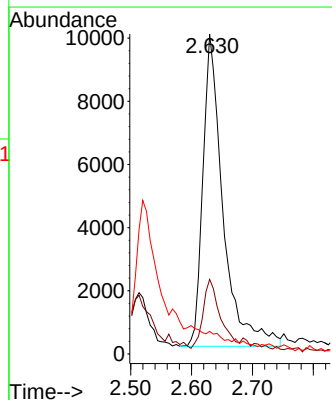
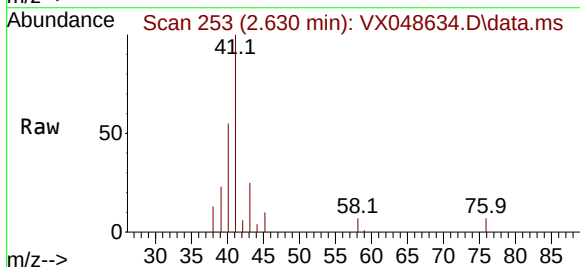
Tgt Ion: 41 Resp: 22652

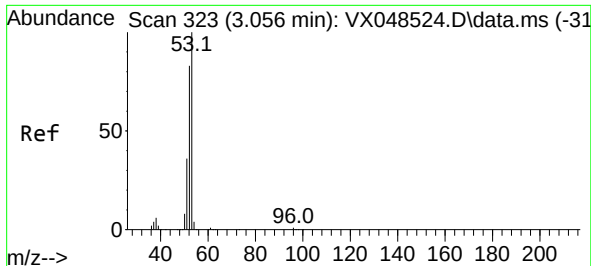
Ion Ratio Lower Upper

41 100

39 0.0 48.6 73.0#

76 0.0 27.7 41.5#

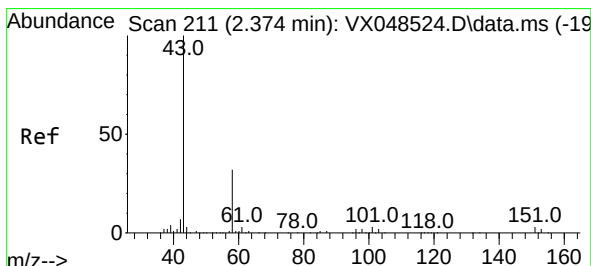
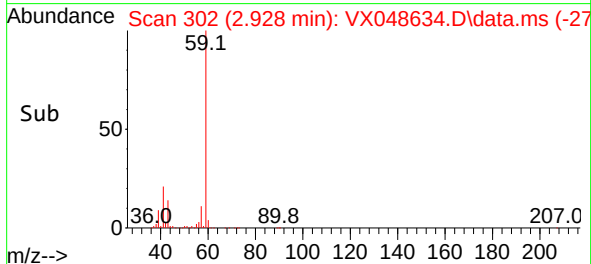
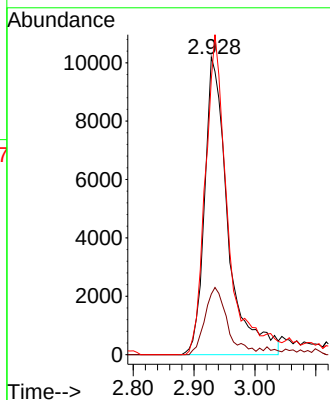
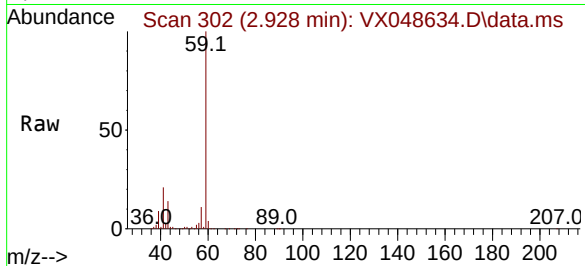




#15
Acrylonitrile
Concen: 24.222 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.128 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

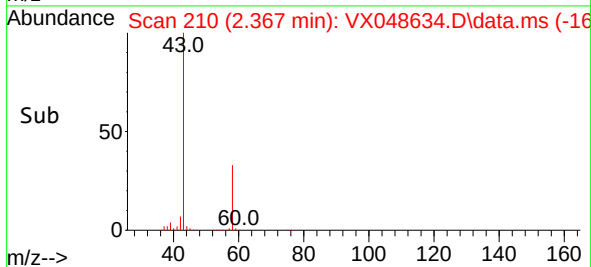
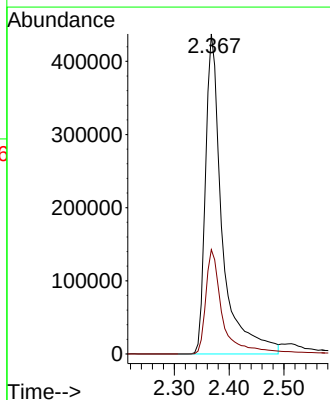
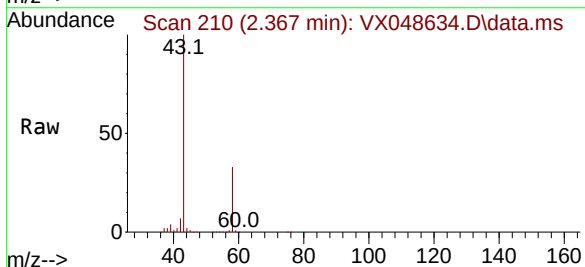
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

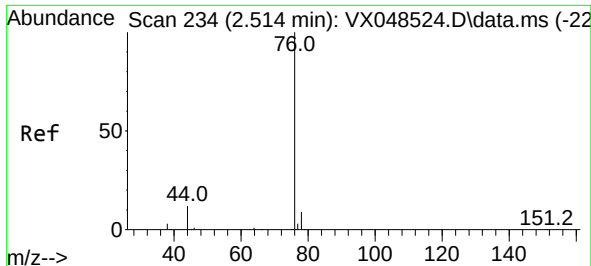
Tgt Ion: 53 Resp: 27253
Ion Ratio Lower Upper
53 100
52 21.7 65.3 97.9#
51 100.0 27.8 41.6#



#16
Acetone
Concen: 963.573 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 43 Resp: 927719
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.6

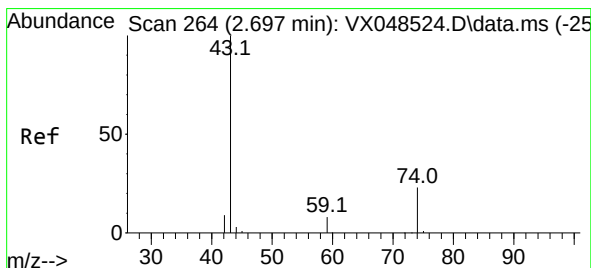
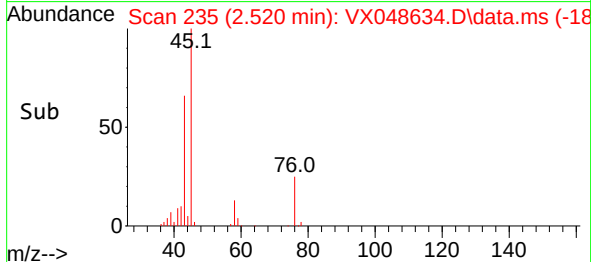
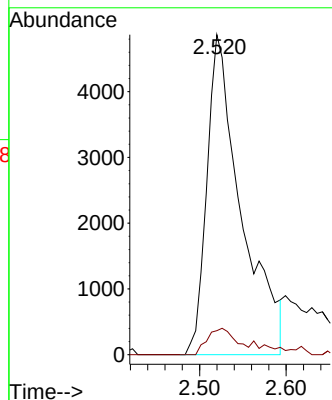
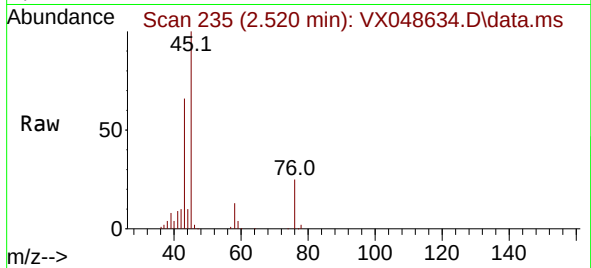




#17
Carbon Disulfide
Concen: 2.800 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

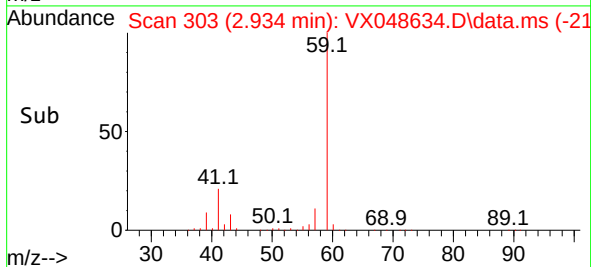
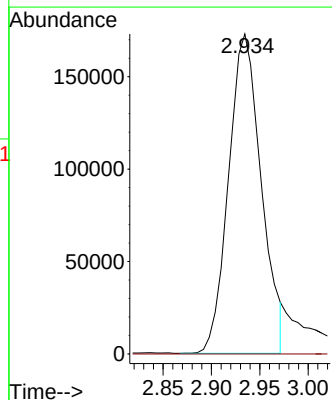
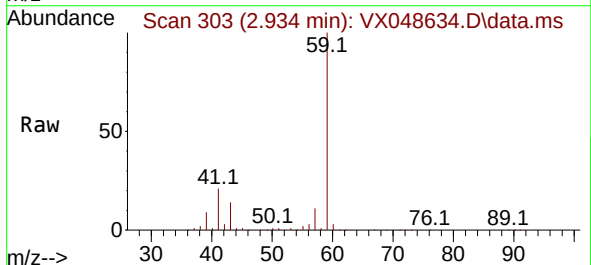
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

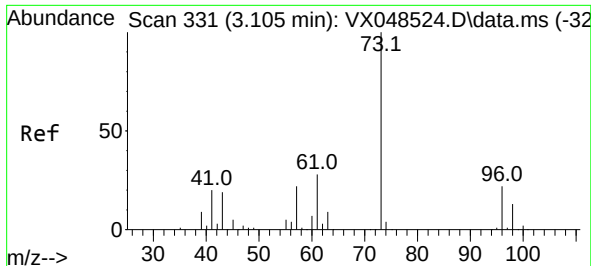
Tgt Ion: 76 Resp: 13391
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#18
Methyl Acetate
Concen: 153.350 ug/l
RT: 2.934 min Scan# 303
Delta R.T. 0.238 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 43 Resp: 405745
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

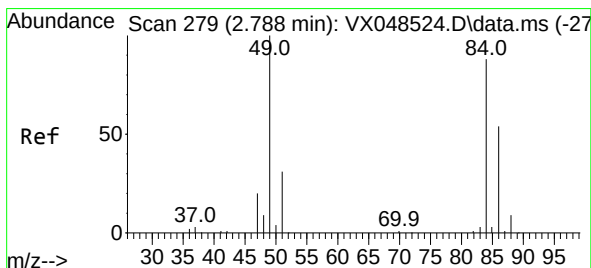
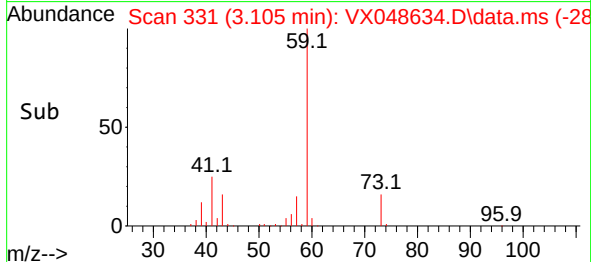
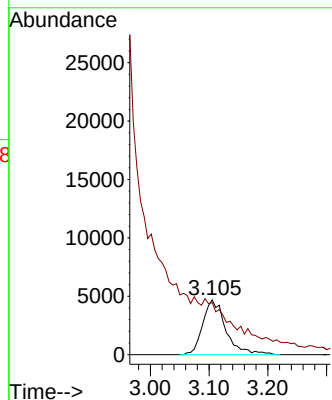
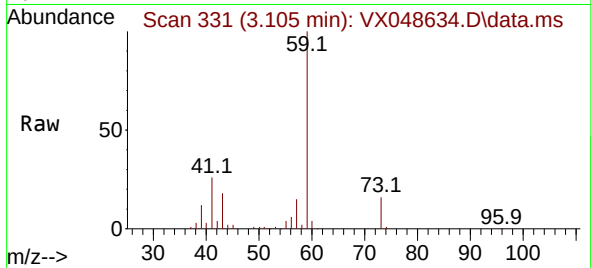




#19
Methyl tert-butyl Ether
Concen: 2.142 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

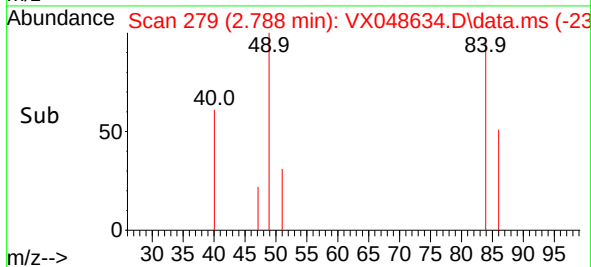
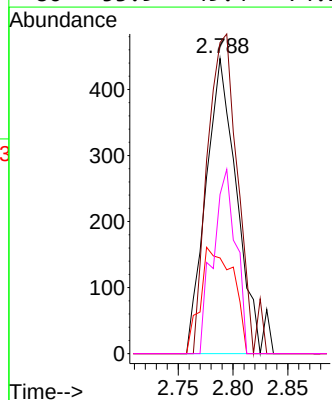
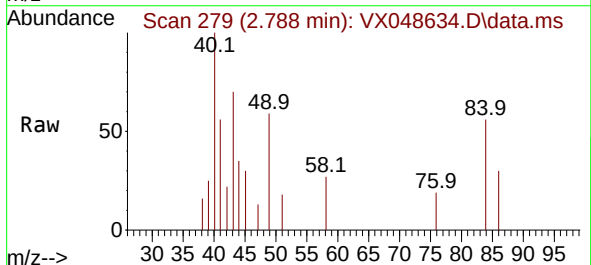
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

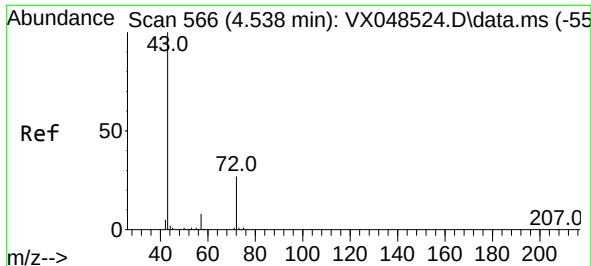
Tgt Ion: 73 Resp: 12854
Ion Ratio Lower Upper
73 100
57 72.1 17.3 25.9#



#20
Methylene Chloride
Concen: 0.447 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 84 Resp: 884
Ion Ratio Lower Upper
84 100
49 105.4 91.2 136.8
51 32.4 28.3 42.5
86 53.9 49.4 74.2

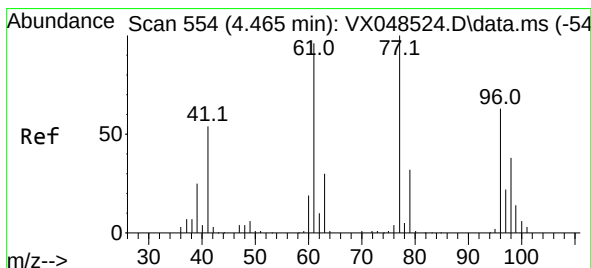
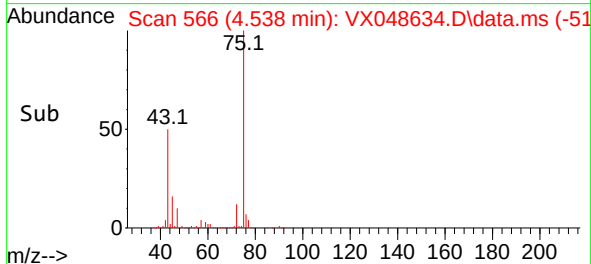
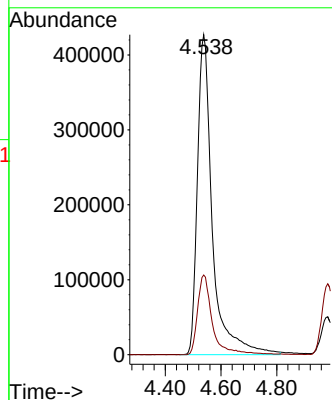
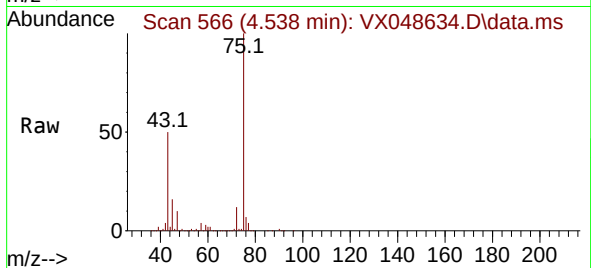




#25
2-Butanone
Concen: 1115.639 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

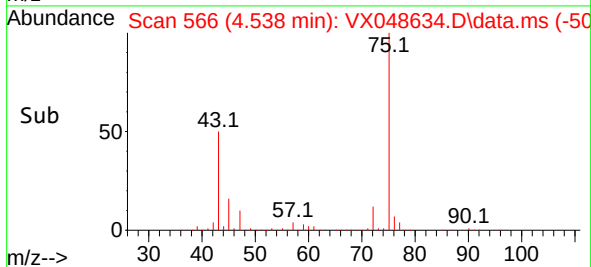
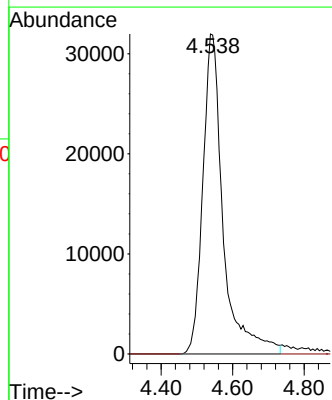
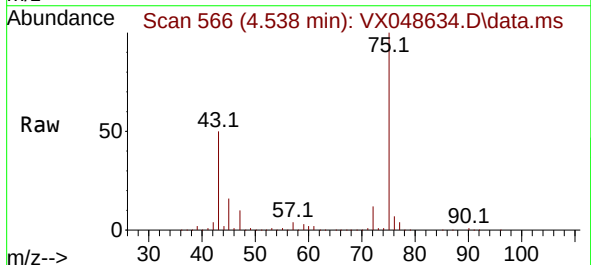
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

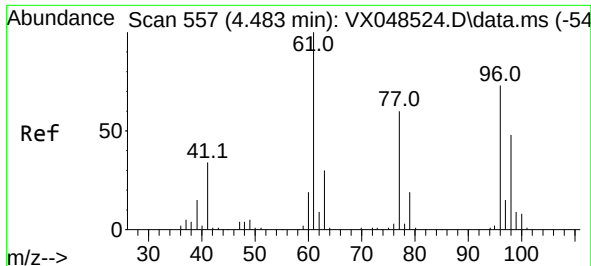
Tgt Ion: 43 Resp: 1588986
Ion Ratio Lower Upper
43 100
72 24.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 44.274 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.073 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 77 Resp: 125816
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.913 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

251119071-01 VOA

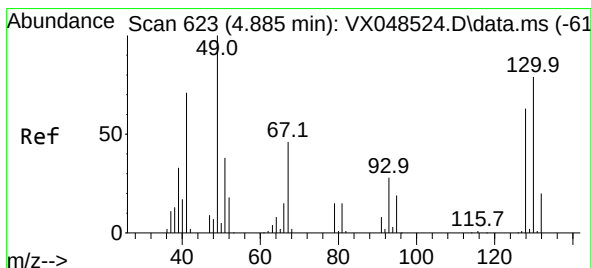
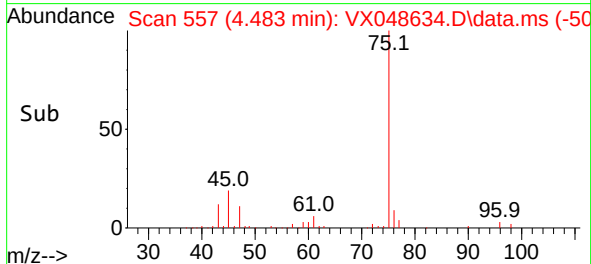
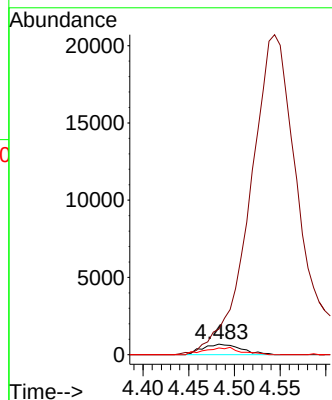
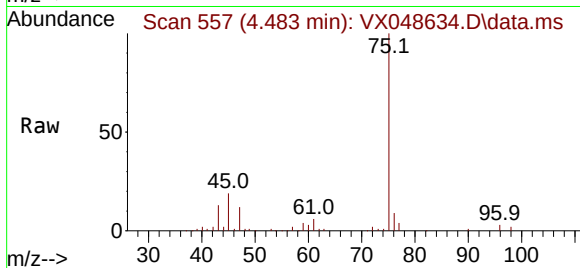
Tgt Ion: 96 Resp: 2009

Ion Ratio Lower Upper

96 100

61 0.0 0.0 279.6

98 61.8 0.0 128.2



#28

Bromochloromethane

Concen: 1.005 ug/l

RT: 4.983 min Scan# 639

Delta R.T. 0.097 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

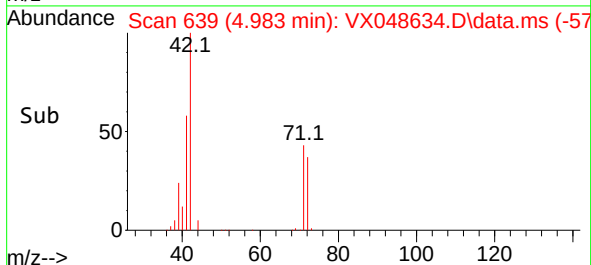
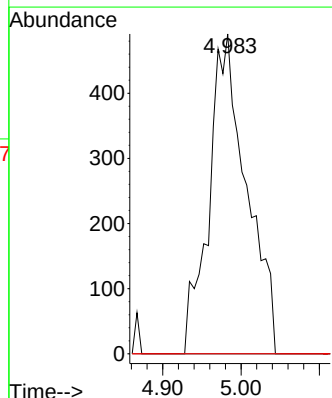
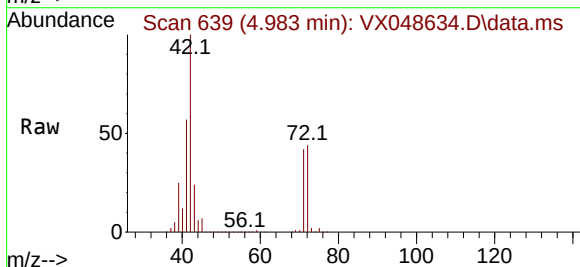
Tgt Ion: 49 Resp: 1645

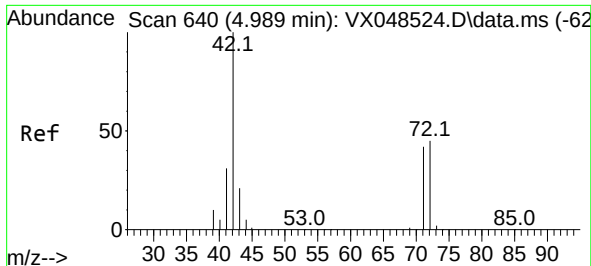
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 65.9 98.9#





#29

Tetrahydrofuran

Concen: 789.292 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

251119071-01 VOA

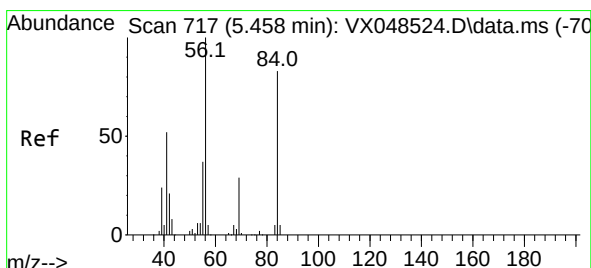
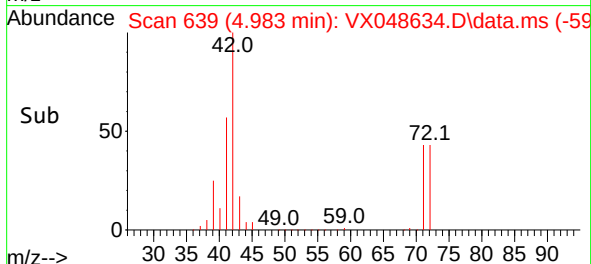
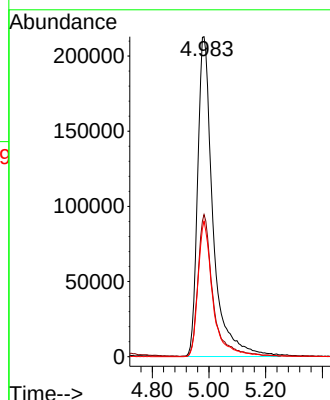
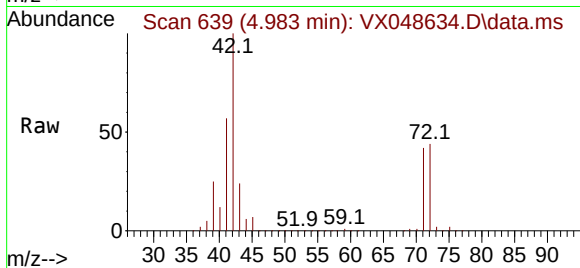
Tgt Ion: 42 Resp: 801784

Ion Ratio Lower Upper

42 100

72 43.0 36.3 54.5

71 41.1 34.1 51.1



#31

Cyclohexane

Concen: 1.310 ug/l

RT: 5.532 min Scan# 729

Delta R.T. 0.073 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

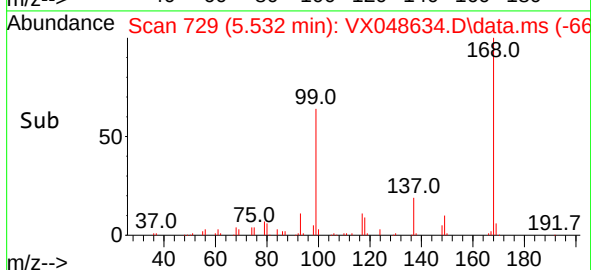
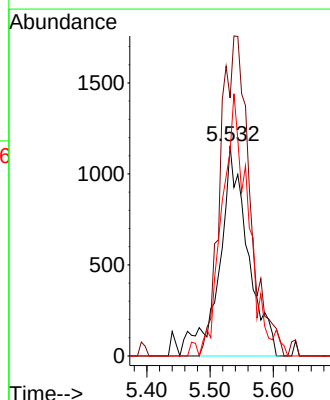
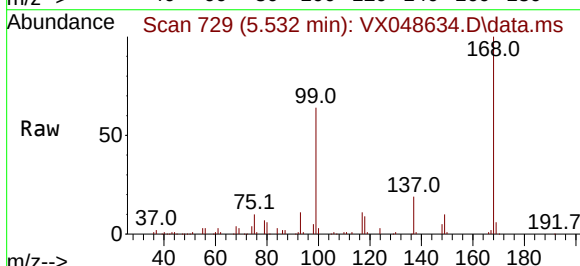
Tgt Ion: 56 Resp: 3578

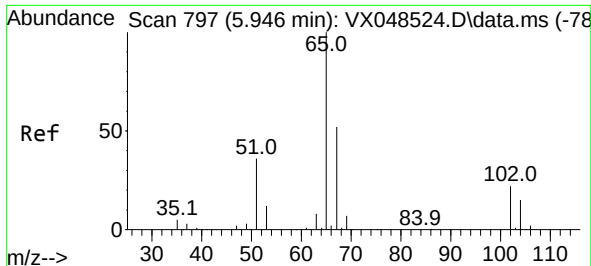
Ion Ratio Lower Upper

56 100

69 122.7 23.4 35.2#

84 97.2 66.3 99.5





#33

1,2-Dichloroethane-d4

Concen: 58.588 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

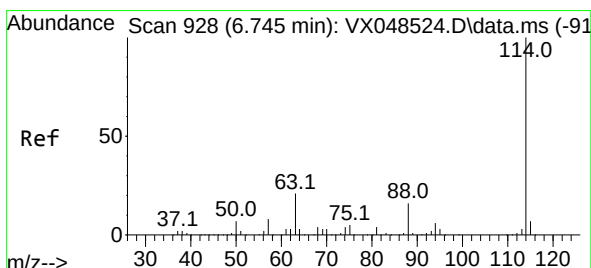
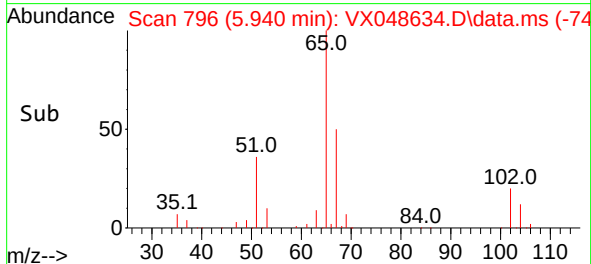
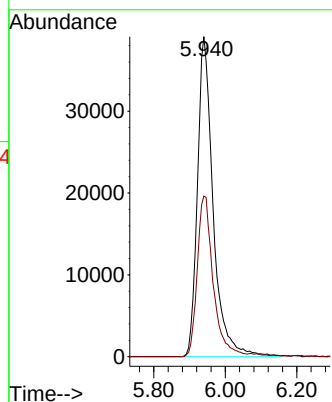
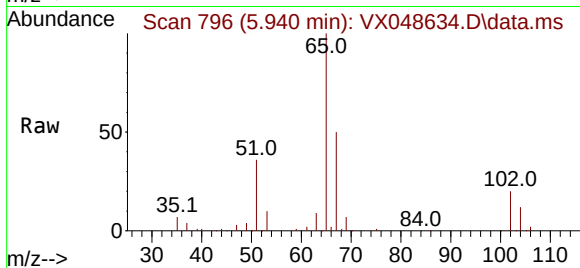
251119071-01 VOA

Tgt Ion: 65 Resp: 119166

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

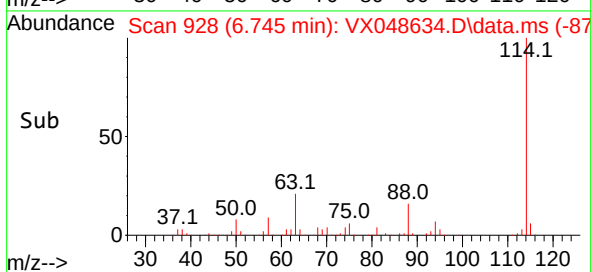
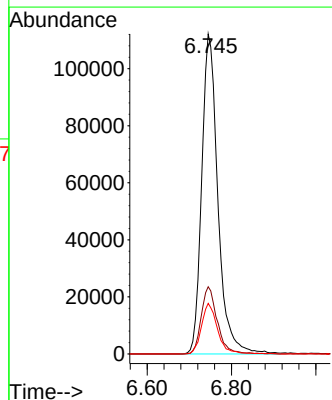
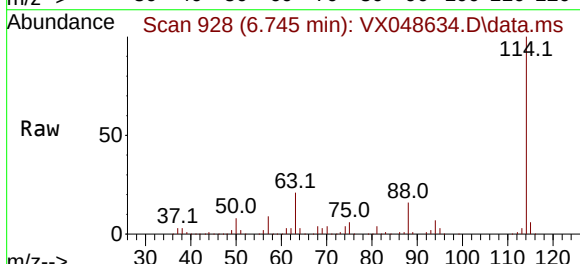
Tgt Ion: 114 Resp: 299621

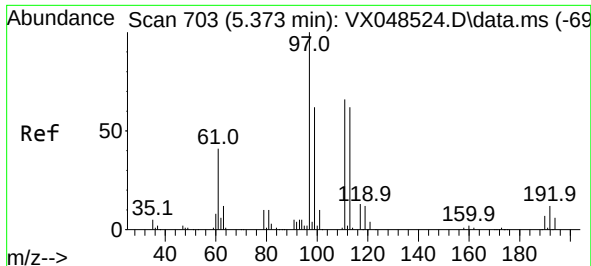
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

88 15.8 0.0 32.2

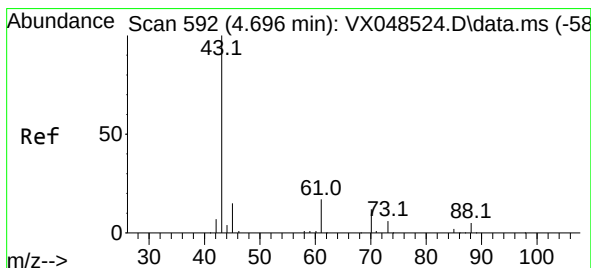
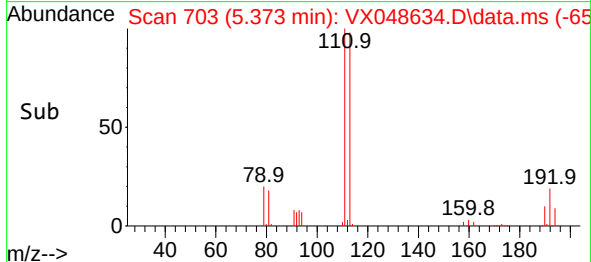
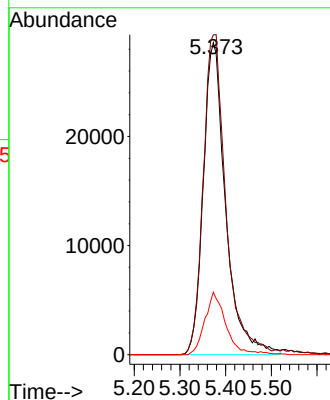
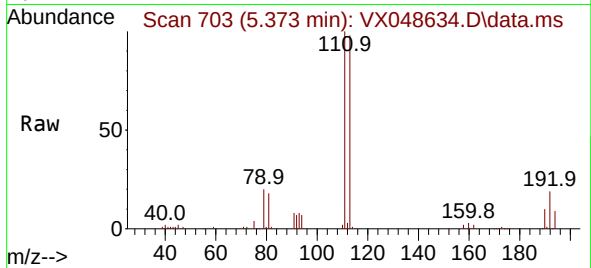




#35
Dibromofluoromethane
Concen: 42.847 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

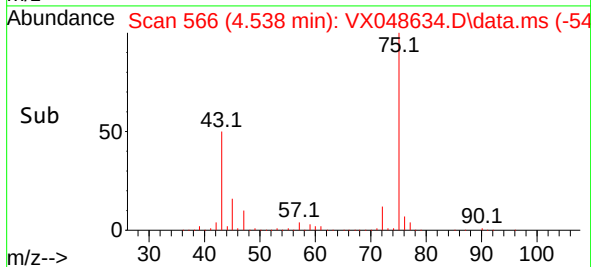
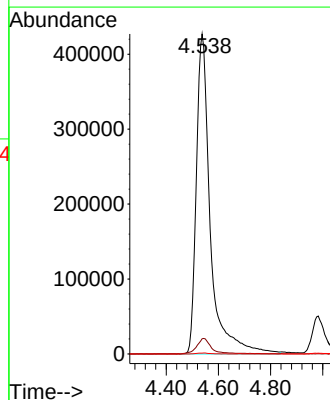
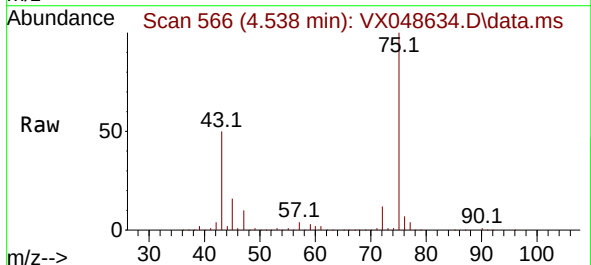
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

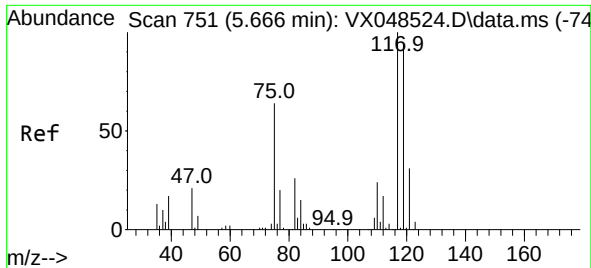
Tgt Ion:113 Resp: 97166
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 18.5 15.8 23.6



#37
Ethyl Acetate
Concen: 372.676 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.159 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

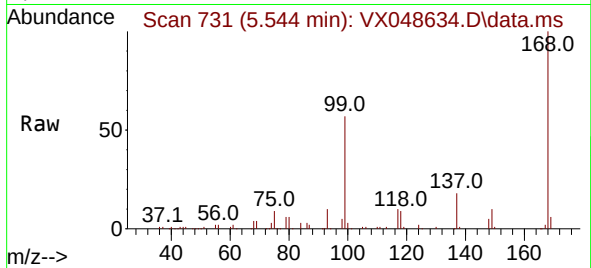
Tgt Ion: 43 Resp: 1592966
Ion Ratio Lower Upper
43 100
61 5.0 9.7 14.5#
70 0.3 7.7 11.5#



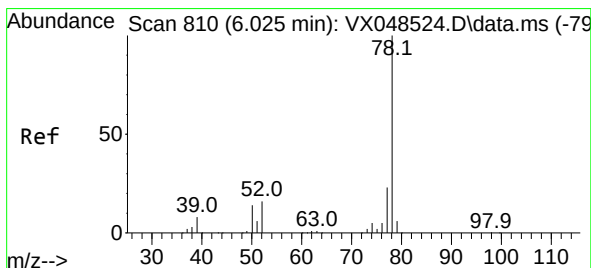
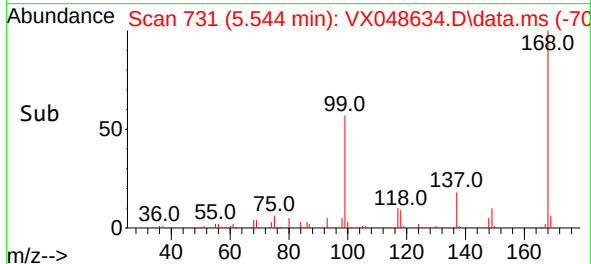
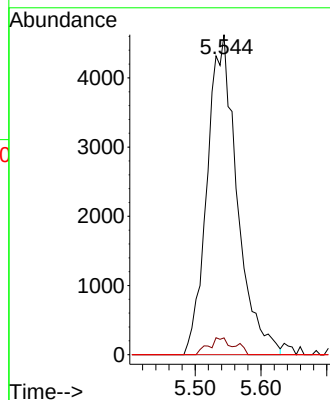


#38
Carbon Tetrachloride
Concen: 4.229 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

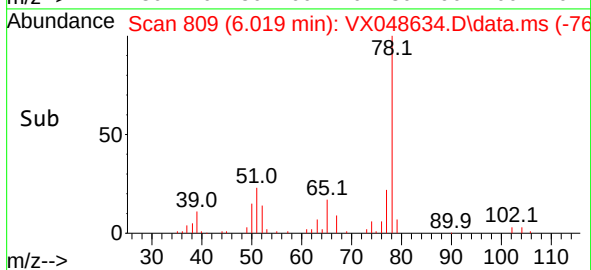
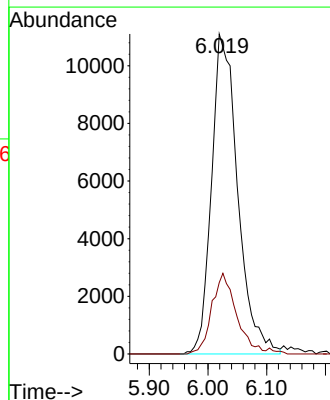
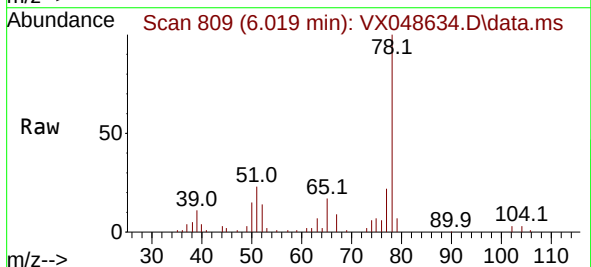


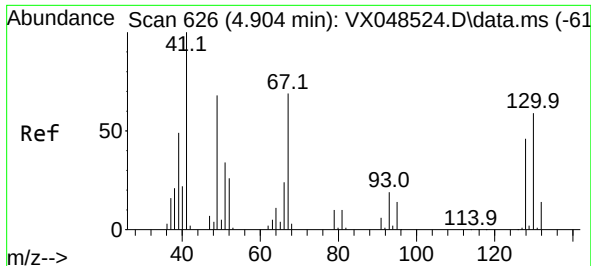
Tgt Ion:117 Resp: 14617
Ion Ratio Lower Upper
117 100
119 5.2 74.5 111.7#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 3.653 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 78 Resp: 34386
Ion Ratio Lower Upper
78 100
77 22.3 18.3 27.5

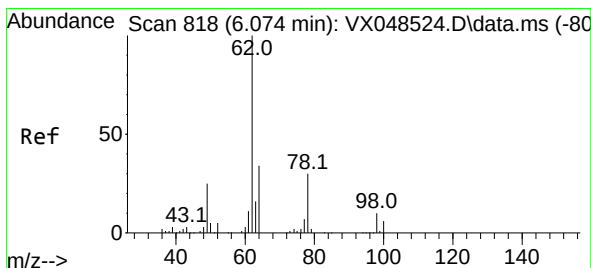
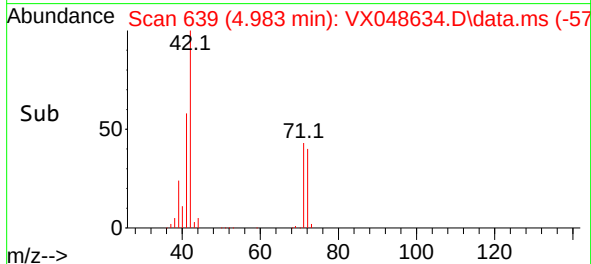
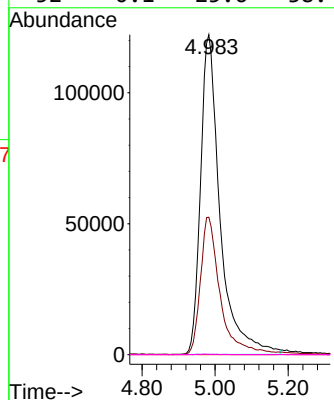
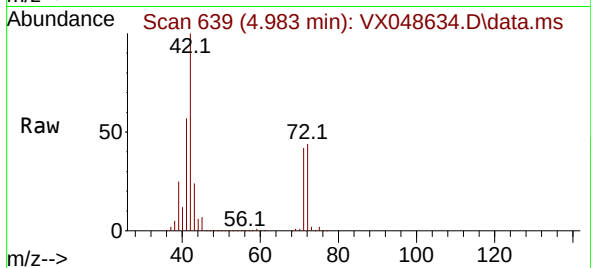




#41
Methacrylonitrile
Concen: 241.187 ug/l
RT: 4.983 min Scan# 61
Delta R.T. 0.079 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

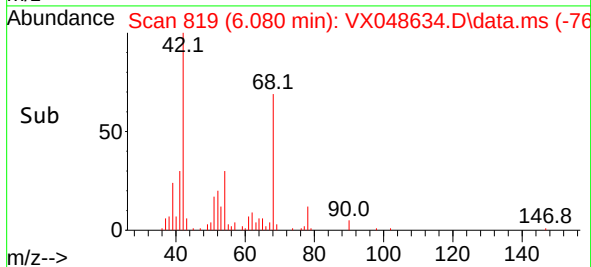
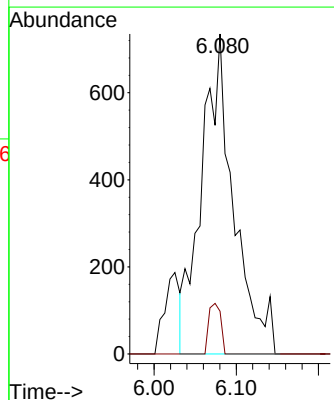
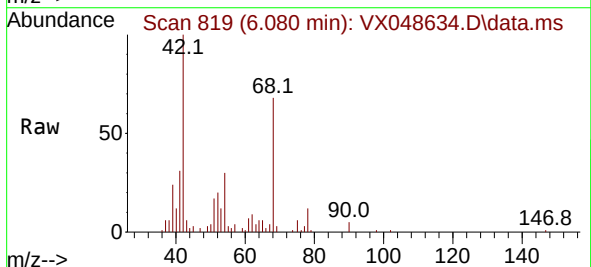
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

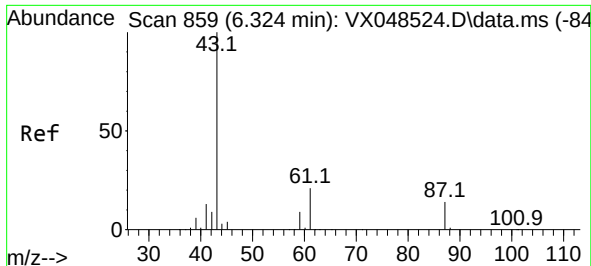
Tgt Ion: 41 Resp: 453375
Ion Ratio Lower Upper
41 100
39 43.6 41.1 61.7
67 0.0 64.2 96.2#
52 0.1 25.6 38.4#



#42
1,2-Dichloroethane
Concen: 0.620 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 62 Resp: 2001
Ion Ratio Lower Upper
62 100
98 5.8 0.0 19.6

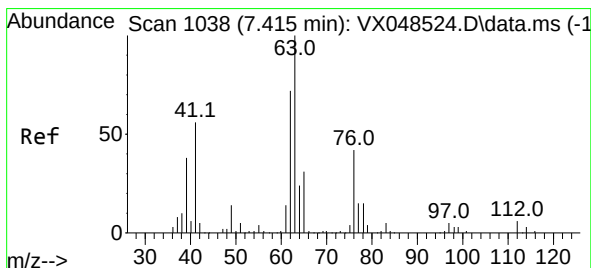
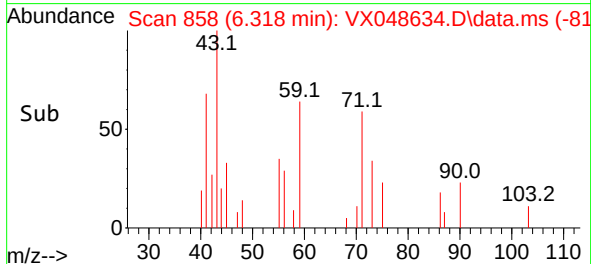
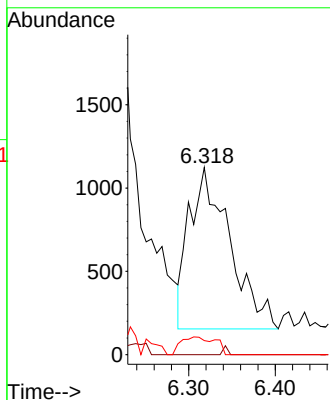
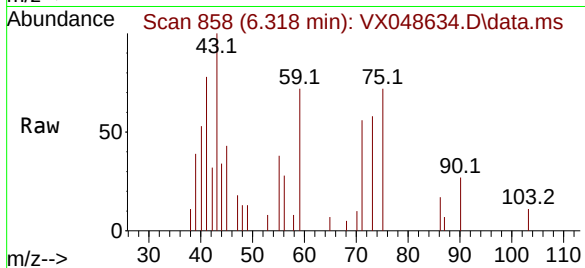




#43
Isopropyl Acetate
Concen: 0.526 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

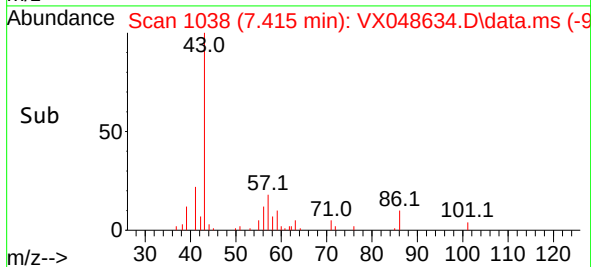
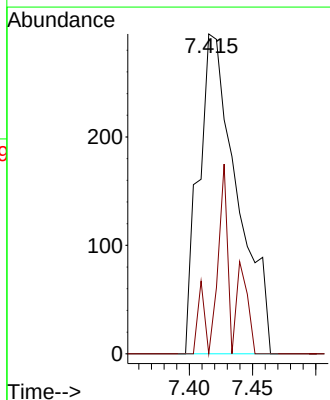
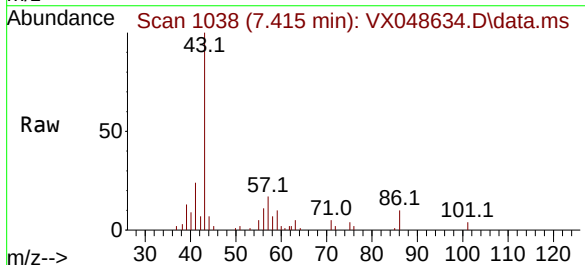
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

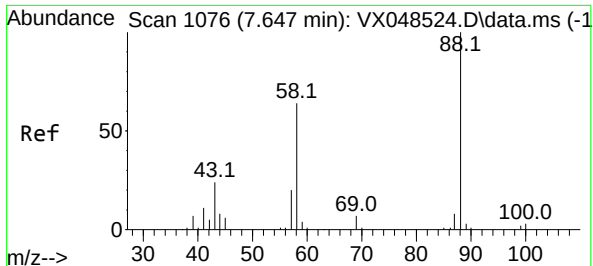
Tgt Ion: 43 Resp: 3163
Ion Ratio Lower Upper
43 100
61 0.0 16.2 24.4#
87 9.2 10.9 16.3#



#45
1,2-Dichloropropane
Concen: 0.288 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 63 Resp: 623
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#49

1,4-Dioxane

Concen: 80.959 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

251119071-01 VOA

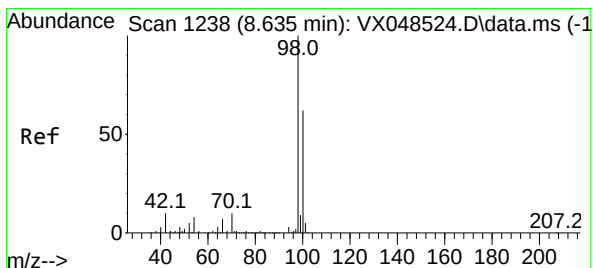
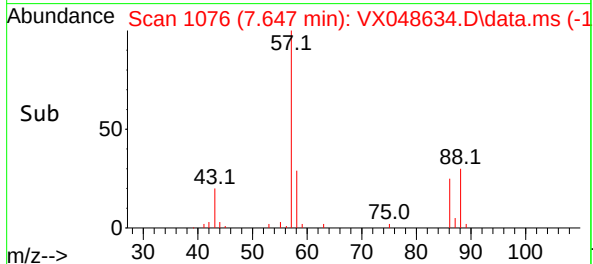
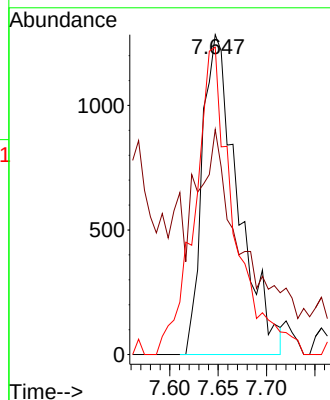
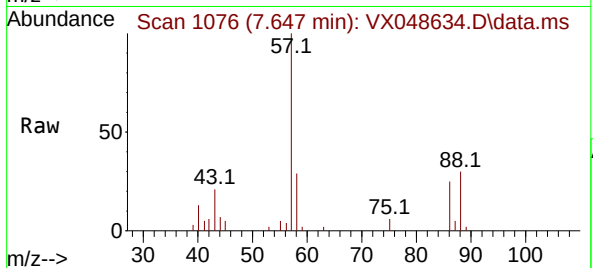
Tgt Ion: 88 Resp: 3295

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

58 106.3 56.7 85.1#



#50

Toluene-d8

Concen: 49.449 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048634.D

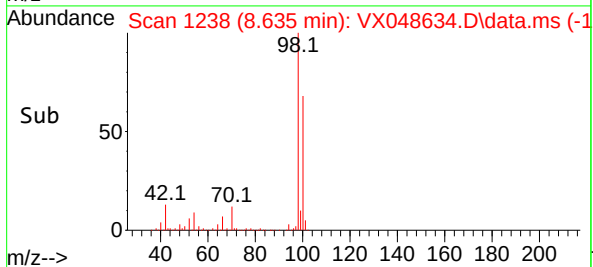
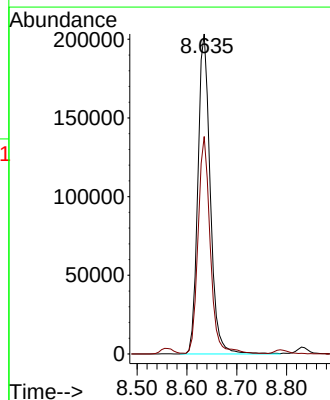
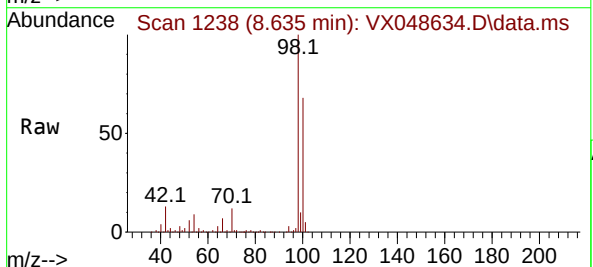
Acq: 20 Nov 2025 13:48

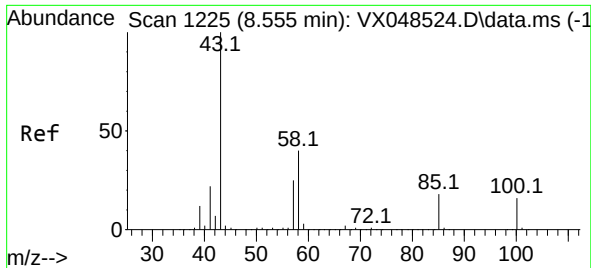
Tgt Ion: 98 Resp: 349735

Ion Ratio Lower Upper

98 100

100 67.3 53.6 80.4

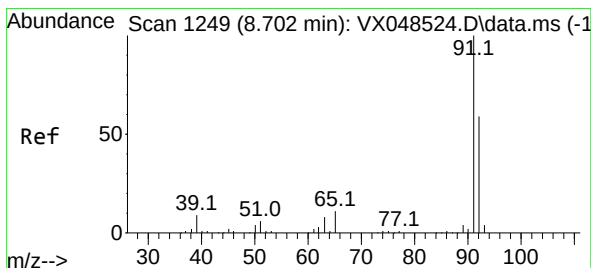
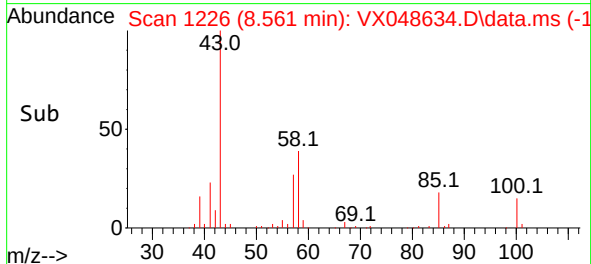
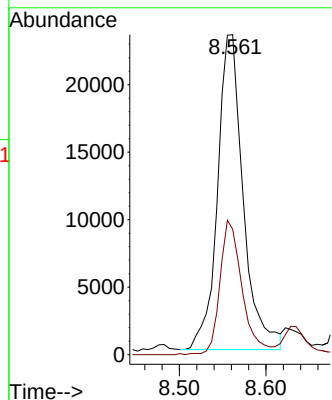
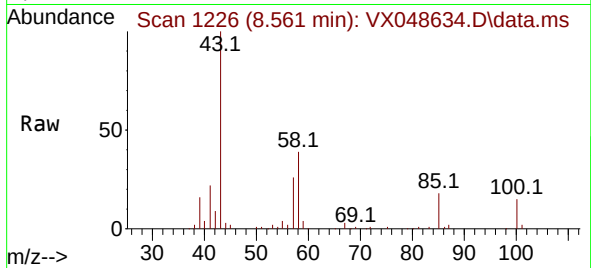




#51
4-Methyl-2-Pentanone
Concen: 14.087 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

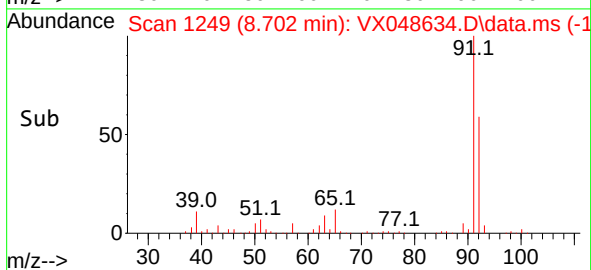
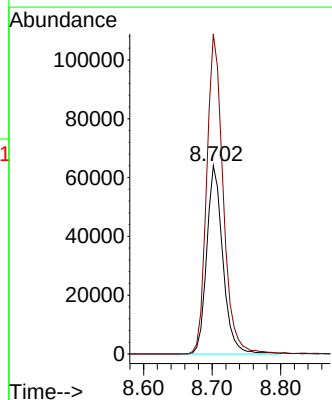
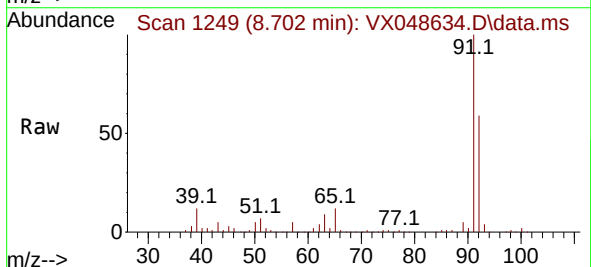
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

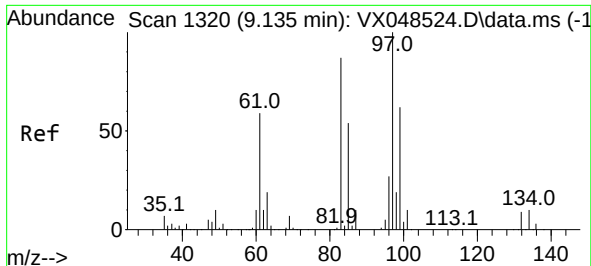
Tgt Ion: 43 Resp: 48181
Ion Ratio Lower Upper
43 100
58 36.8 32.3 48.5



#52
Toluene
Concen: 21.189 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 92 Resp: 105006
Ion Ratio Lower Upper
92 100
91 173.3 137.0 205.6

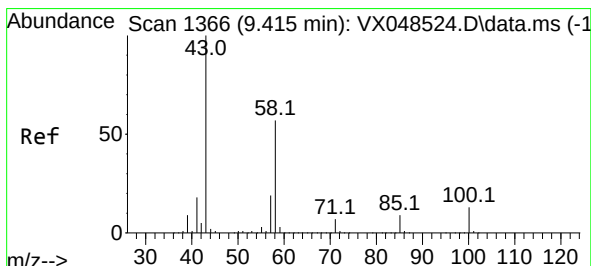
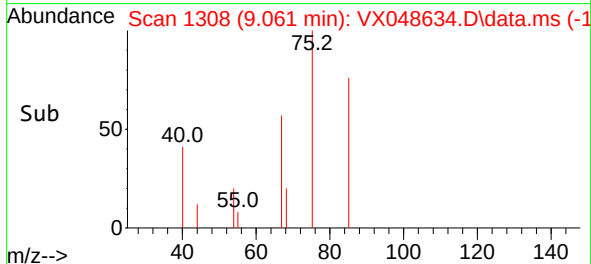
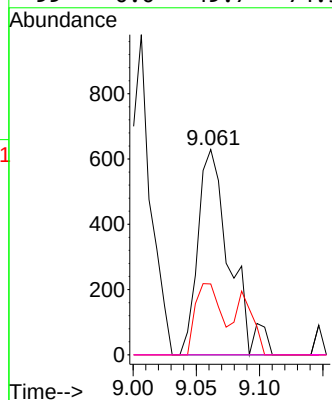
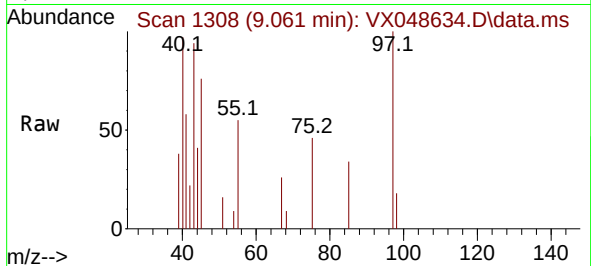




#55
 1,1,2-Trichloroethane
 Concen: 0.556 ug/l
 RT: 9.061 min Scan# 1101
 Delta R.T. -0.073 min
 Lab File: VX048634.D
 Acq: 20 Nov 2025 13:48

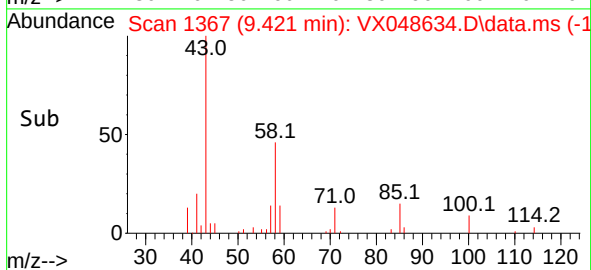
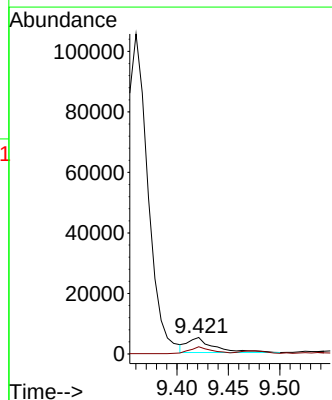
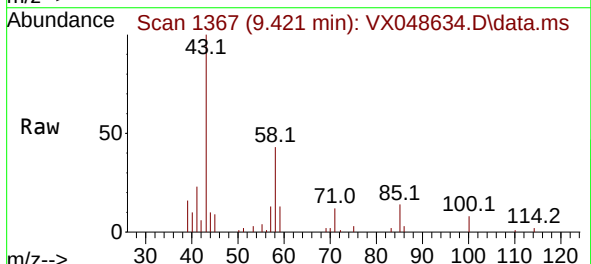
Instrument : MSVOA_X
 ClientSampleId : 251119071-01 VOA

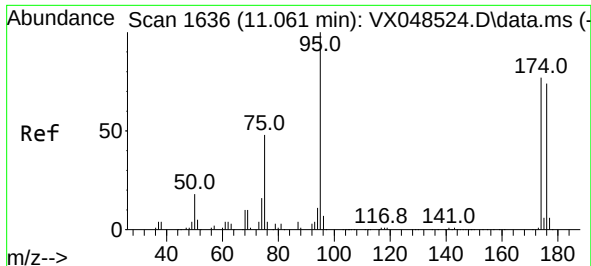
Tgt Ion: 97	Resp: 1101
Ion Ratio	Lower Upper
97 100	
83 0.0	69.2 103.8#
85 34.5	42.8 64.2#
99 0.0	49.7 74.5#



#59
 2-Hexanone
 Concen: 3.381 ug/l
 RT: 9.421 min Scan# 1367
 Delta R.T. 0.006 min
 Lab File: VX048634.D
 Acq: 20 Nov 2025 13:48

Tgt Ion: 43	Resp: 8601		
Ion Ratio	Lower	Upper	
43 100			
58 39.5	28.1	84.2	

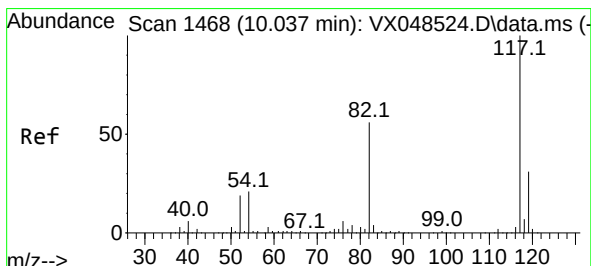
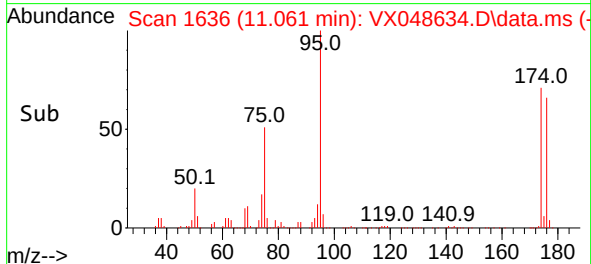
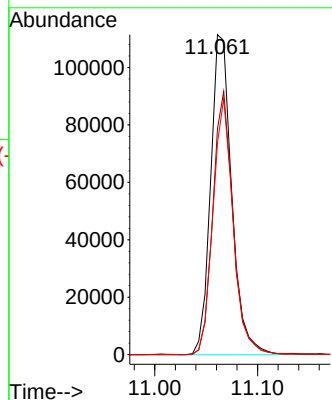
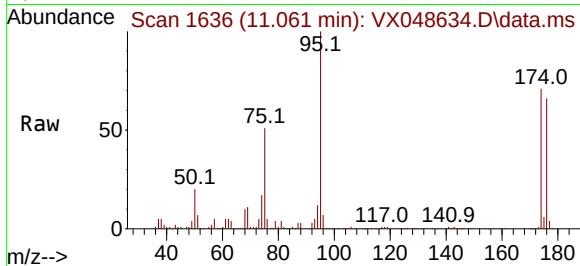




#62
4-Bromofluorobenzene
Concen: 60.184 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

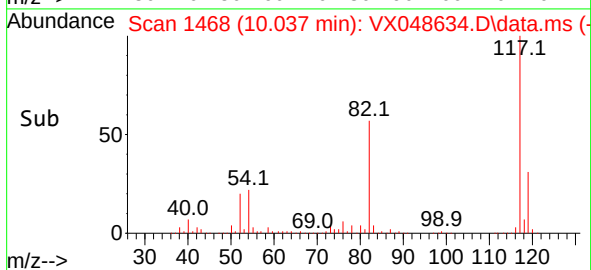
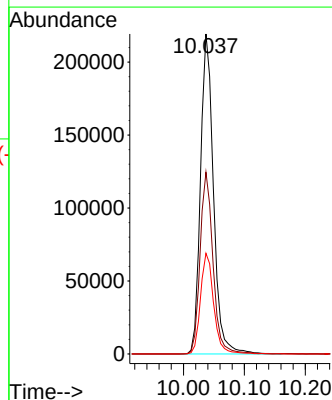
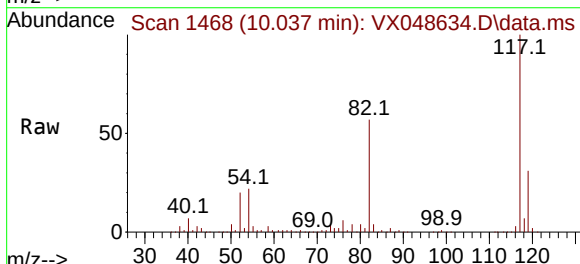
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

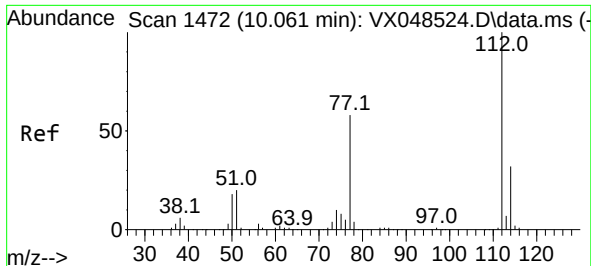
Tgt Ion: 95 Resp: 158629
Ion Ratio Lower Upper
95 100
174 79.3 0.0 161.8
176 76.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 117 Resp: 324019
Ion Ratio Lower Upper
117 100
82 56.8 44.4 66.6
119 31.5 25.1 37.7

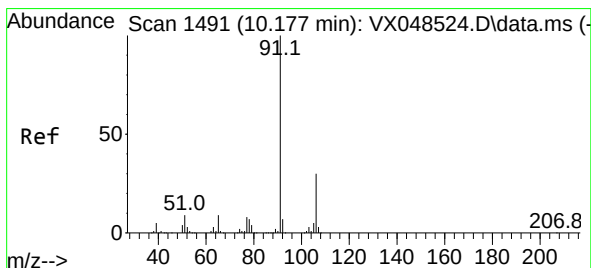
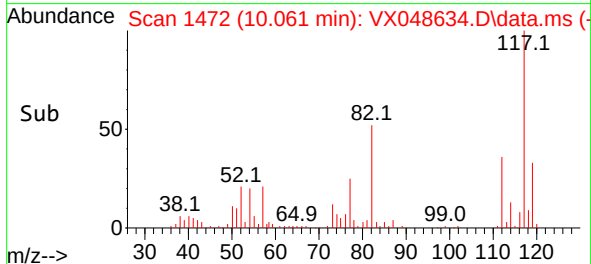
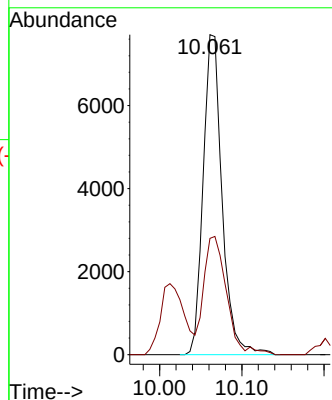
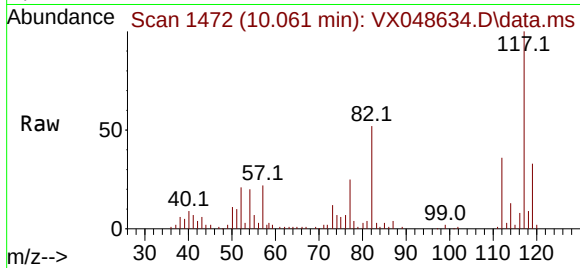




#65
Chlorobenzene
Concen: 1.609 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

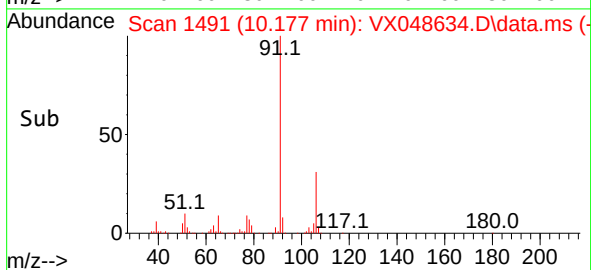
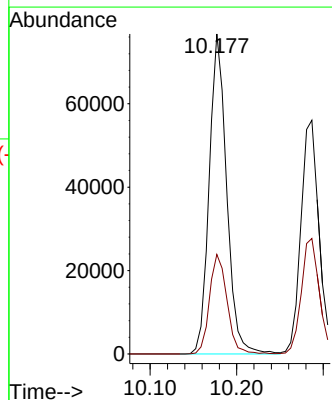
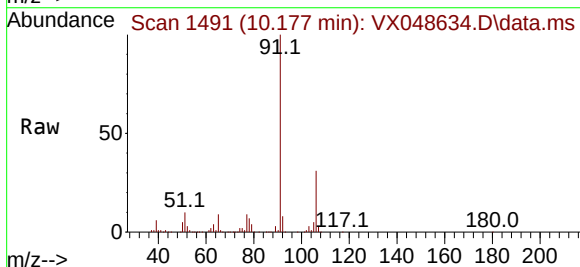
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

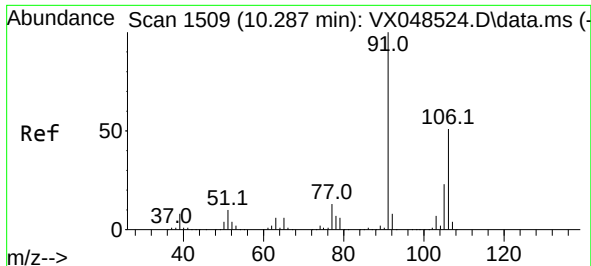
Tgt Ion:112 Resp: 12374
Ion Ratio Lower Upper
112 100
114 36.4 25.5 38.3



#67
Ethyl Benzene
Concen: 8.313 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 91 Resp: 107359
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

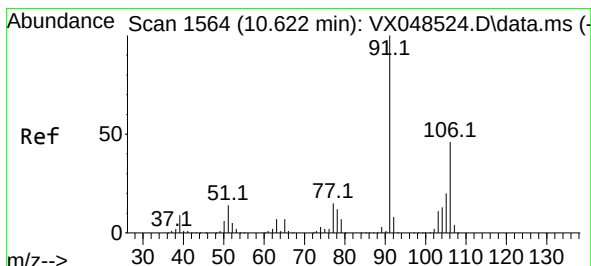
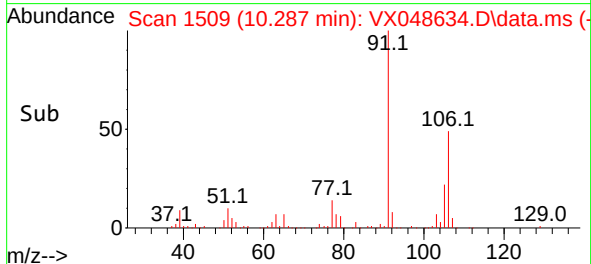
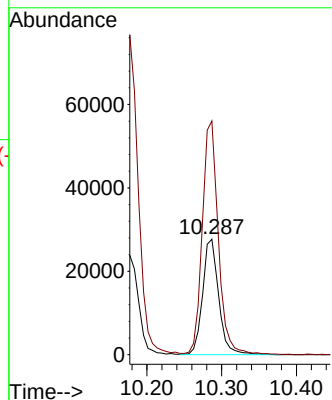
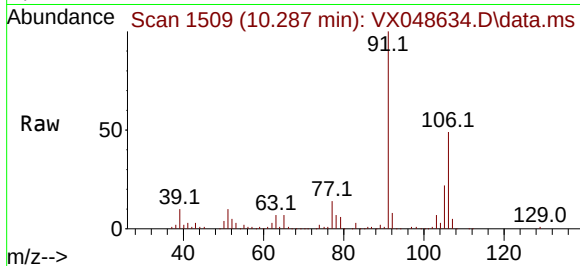




#68
m/p-Xylenes
Concen: 8.486 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

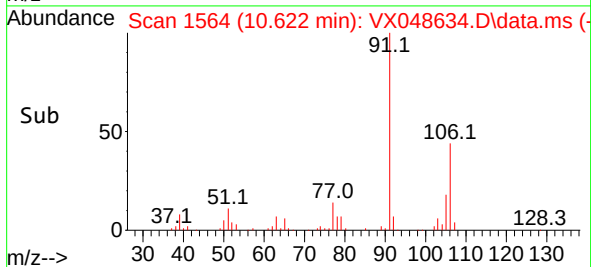
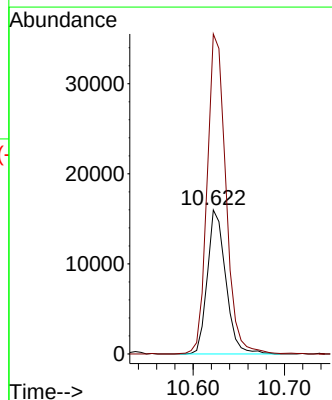
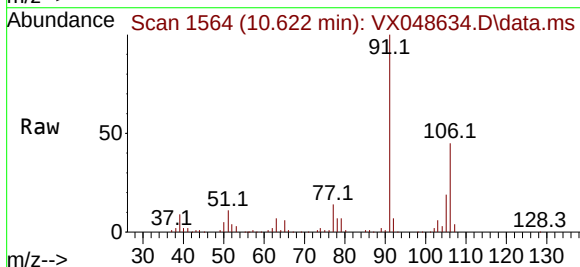
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

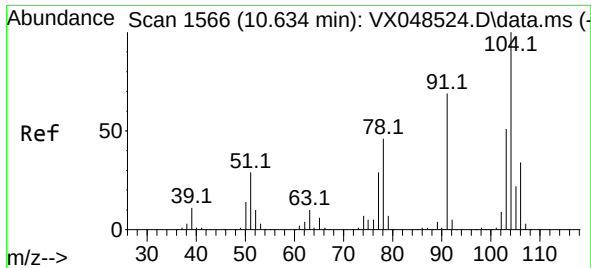
Tgt Ion:106 Resp: 41276
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4



#69
o-Xylene
Concen: 4.691 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:106 Resp: 22322
Ion Ratio Lower Upper
106 100
91 225.5 106.4 319.2

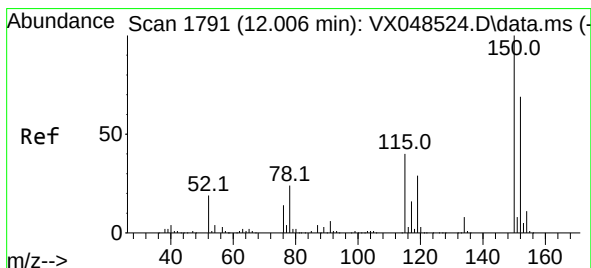
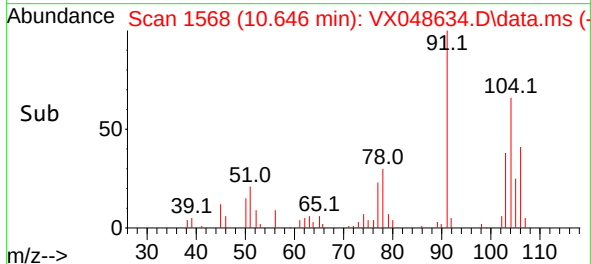
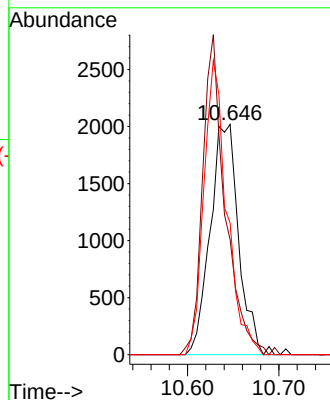
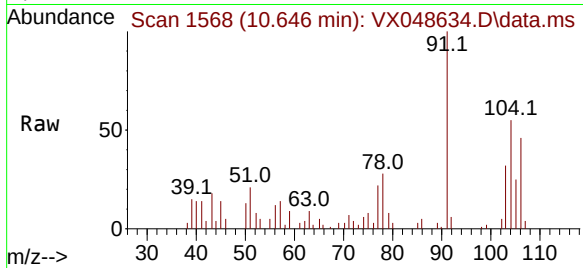




#70
Styrene
Concen: 0.547 ug/l
RT: 10.646 min Scan# 1566
Delta R.T. 0.012 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

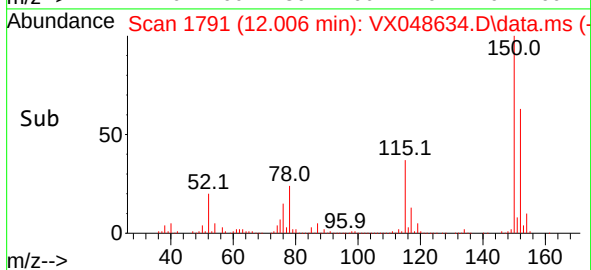
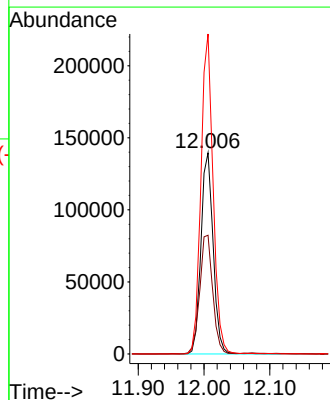
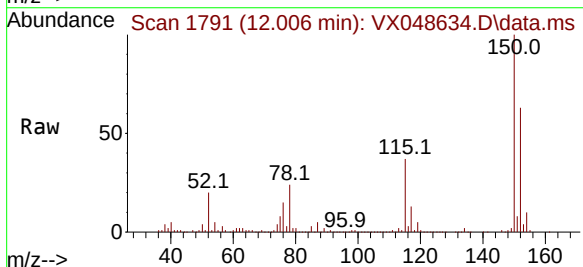
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

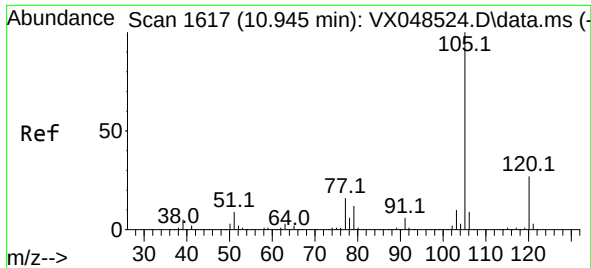
Tgt Ion:104 Resp: 4370
Ion Ratio Lower Upper
104 100
78 109.6 39.4 59.2#
103 103.4 43.1 64.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:152 Resp: 179606
Ion Ratio Lower Upper
152 100
115 62.7 39.2 117.6
150 158.7 0.0 347.0

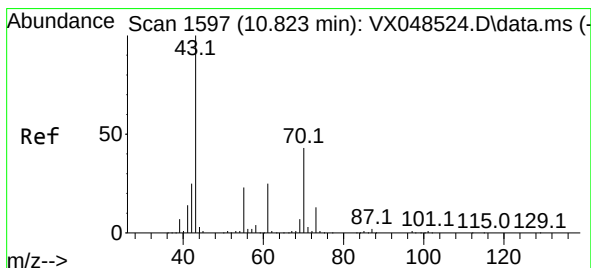
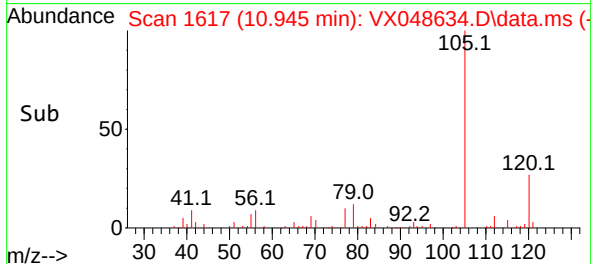
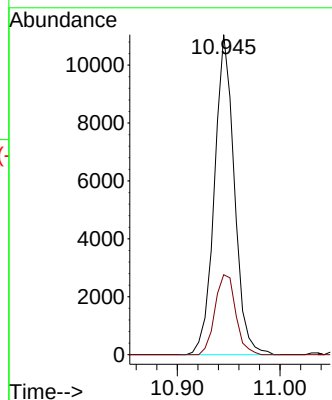
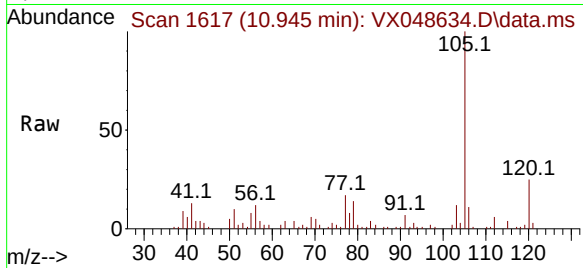




#73
Isopropylbenzene
Concen: 1.140 ug/l
RT: 10.945 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

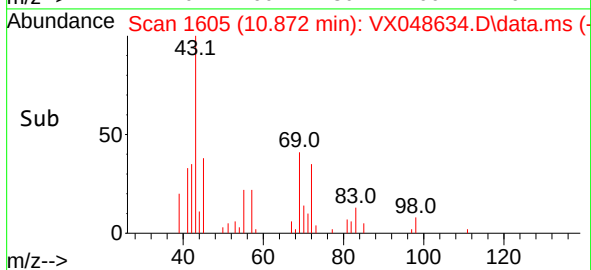
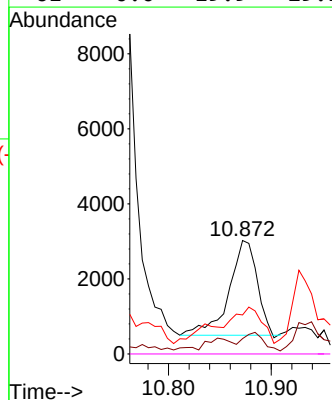
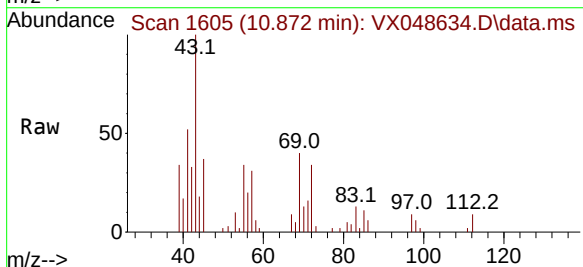
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

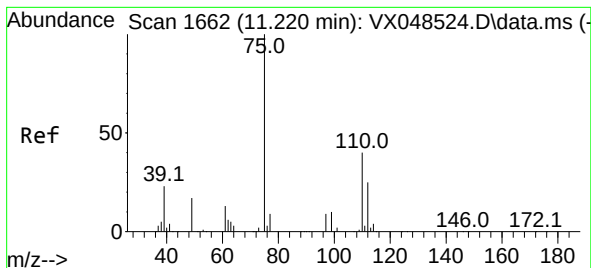
Tgt Ion:105 Resp: 14863
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.7



#74
N-ethyl acetate
Concen: 0.737 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.049 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 43 Resp: 4827
Ion Ratio Lower Upper
43 100
70 13.6 35.1 52.7#
55 37.8 19.3 28.9#
61 0.0 19.9 29.9#





#76

1,2,3-Trichloropropane

Concen: 18.916 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

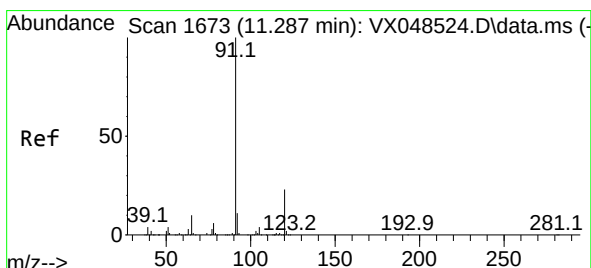
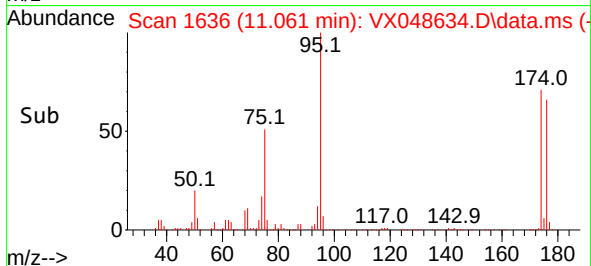
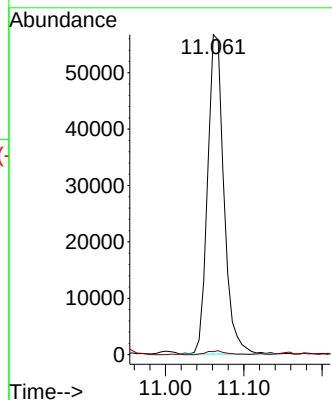
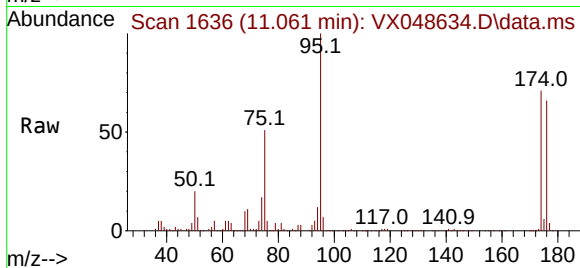
251119071-01 VOA

Tgt Ion: 75 Resp: 81851

Ion Ratio Lower Upper

75 100

77 1.5 24.3 72.8#



#78

n-propylbenzene

Concen: 0.410 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048634.D

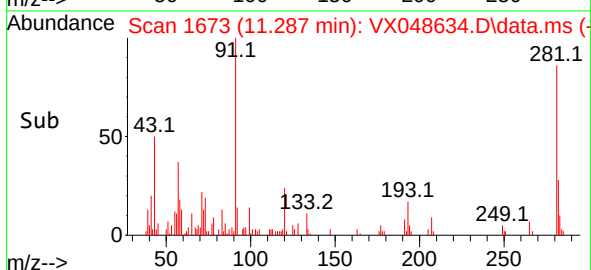
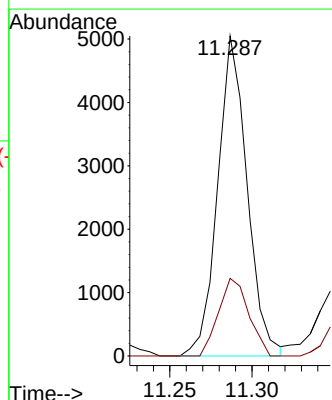
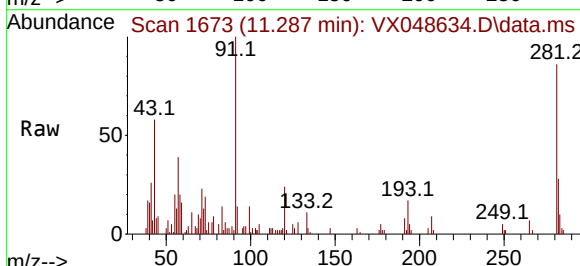
Acq: 20 Nov 2025 13:48

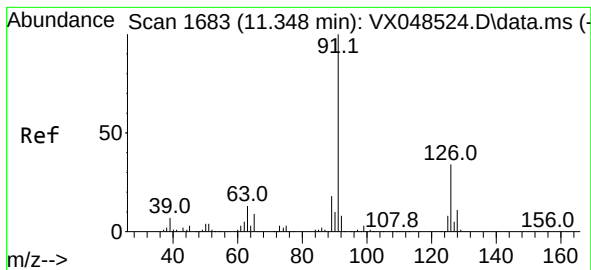
Tgt Ion: 91 Resp: 6279

Ion Ratio Lower Upper

91 100

120 24.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.429 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.012 min

Lab File: VX048634.D

Acq: 20 Nov 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

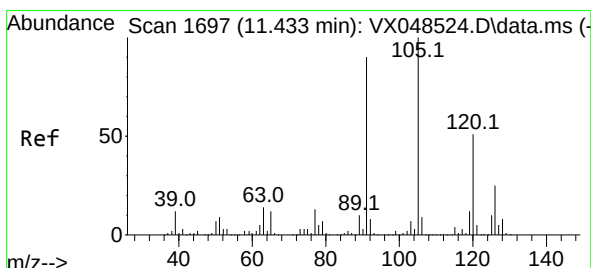
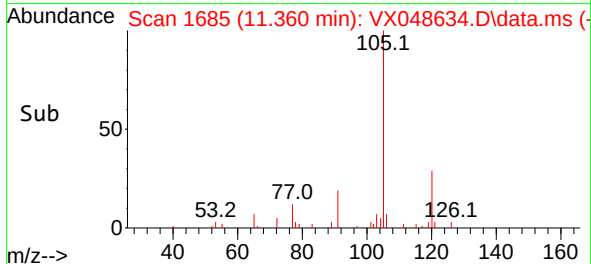
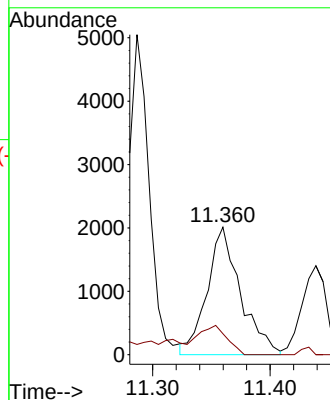
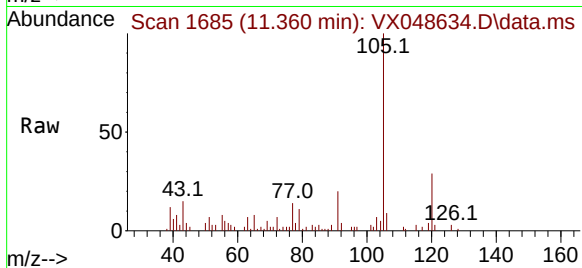
251119071-01 VOA

Tgt Ion: 91 Resp: 3974

Ion Ratio Lower Upper

91 100

126 19.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 0.756 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048634.D

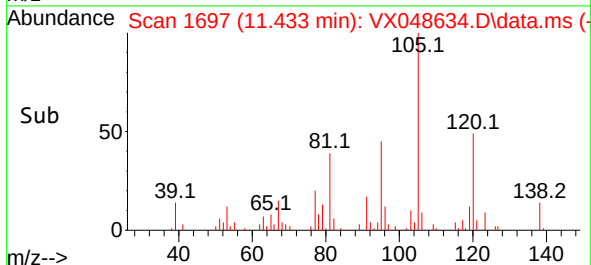
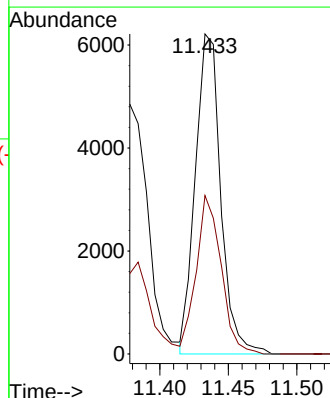
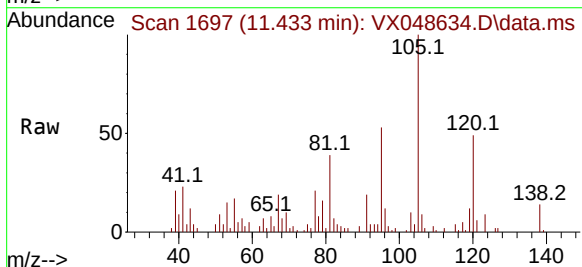
Acq: 20 Nov 2025 13:48

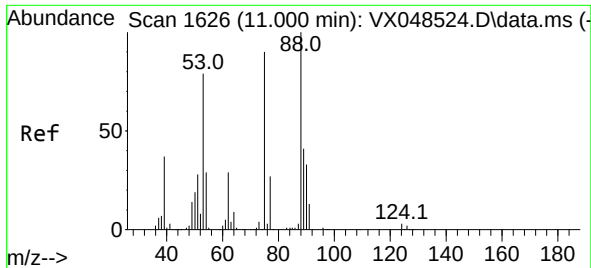
Tgt Ion: 105 Resp: 8034

Ion Ratio Lower Upper

105 100

120 48.5 25.1 75.2

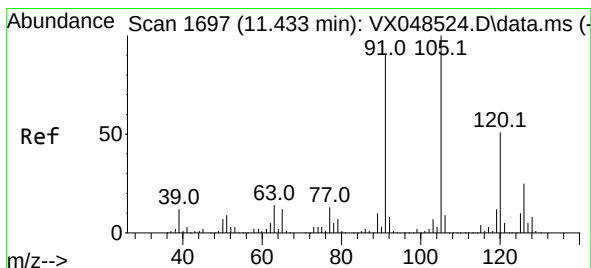
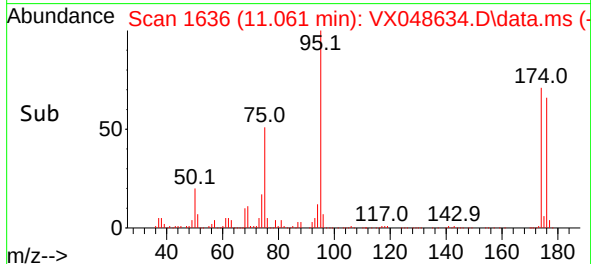
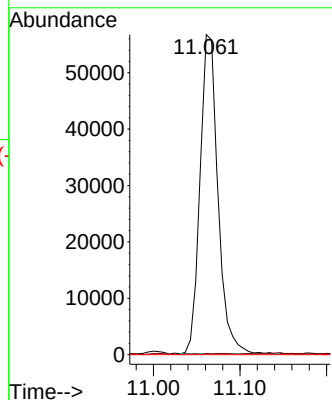
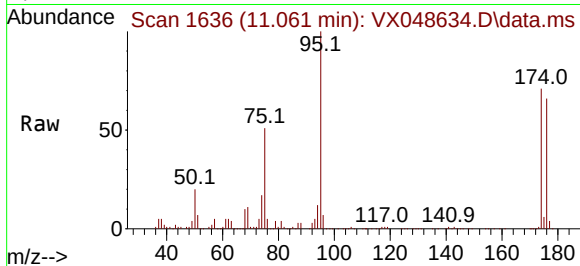




#81
trans-1,4-Dichloro-2-butene
Concen: 53.704 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

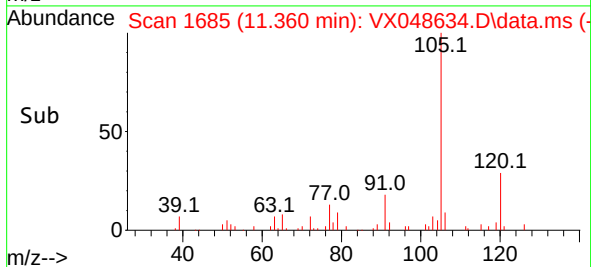
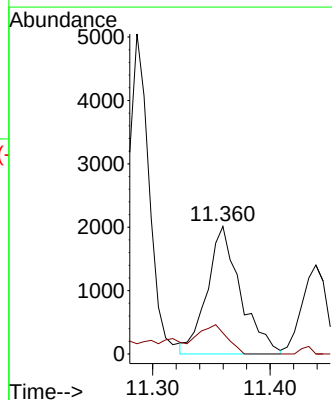
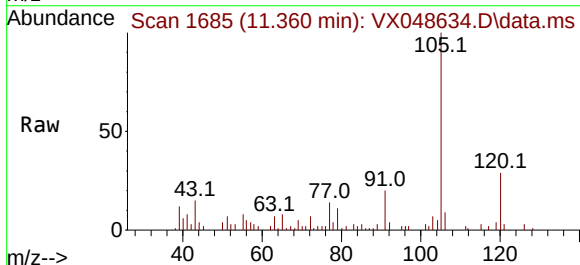
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

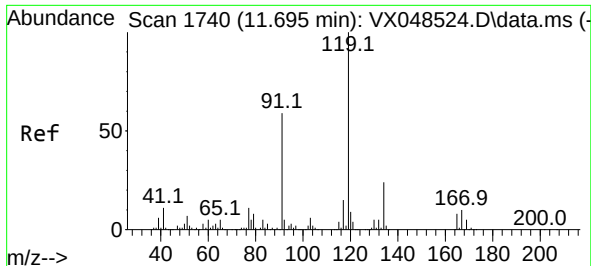
Tgt Ion: 75 Resp: 81241
Ion Ratio Lower Upper
75 100
53 0.3 72.4 108.6#
89 0.0 43.6 65.4#



#82
4-Chlorotoluene
Concen: 0.366 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.073 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 91 Resp: 3974
Ion Ratio Lower Upper
91 100
126 19.7 14.9 44.7

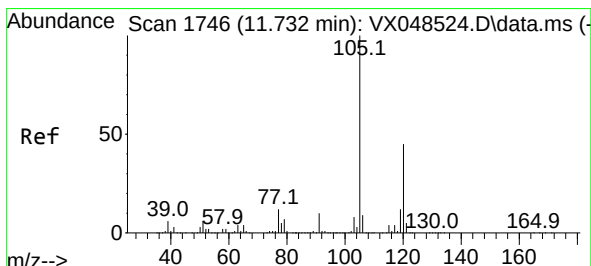
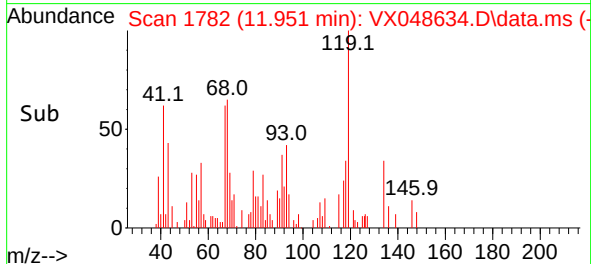
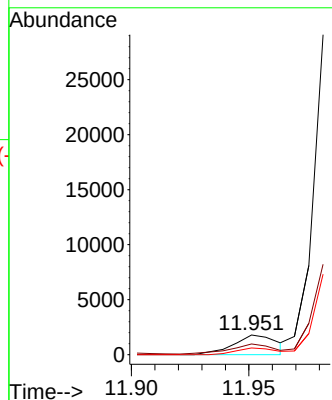
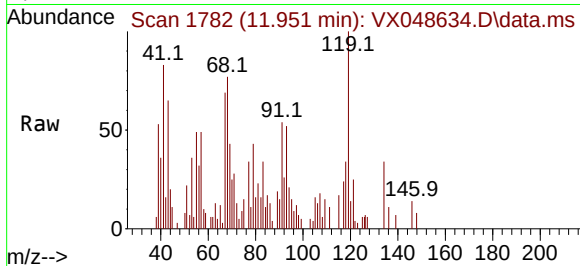




#83
tert-Butylbenzene
Concen: 0.208 ug/l
RT: 11.951 min Scan# 11
Delta R.T. 0.256 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

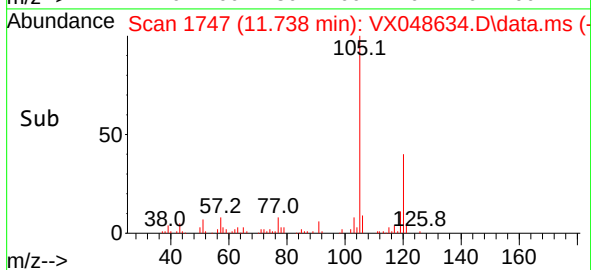
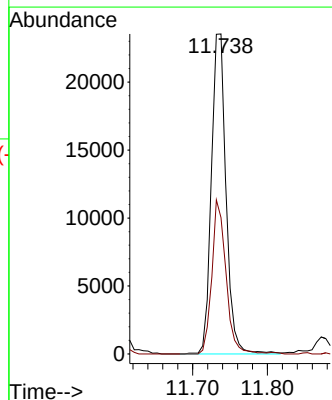
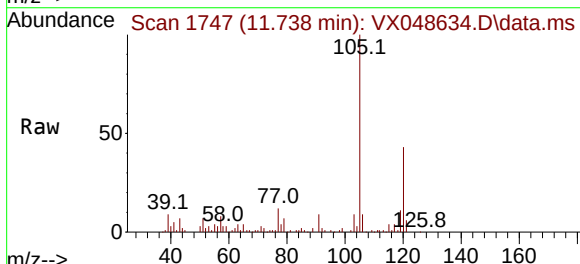
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

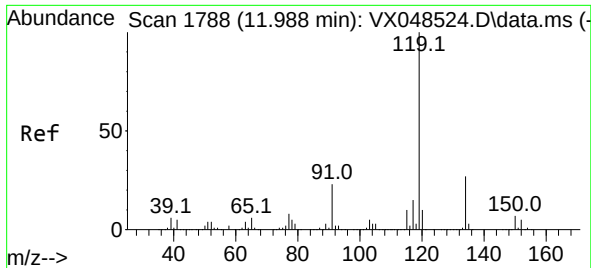
Tgt Ion:119 Resp: 2283
Ion Ratio Lower Upper
119 100
91 50.1 27.1 81.3
134 30.7 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 2.997 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:105 Resp: 32141
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.0

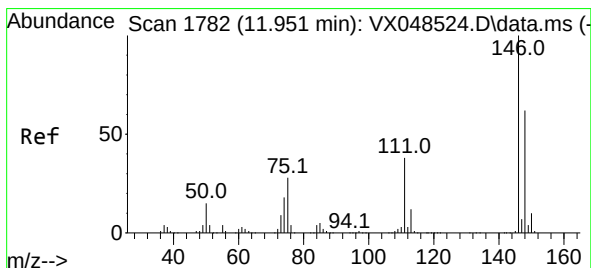
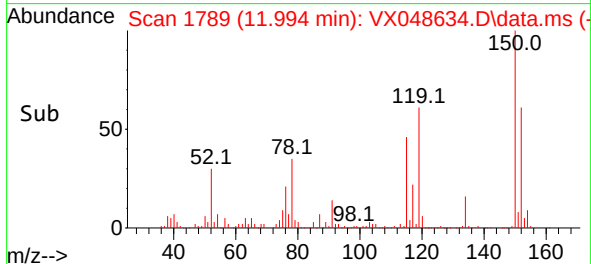
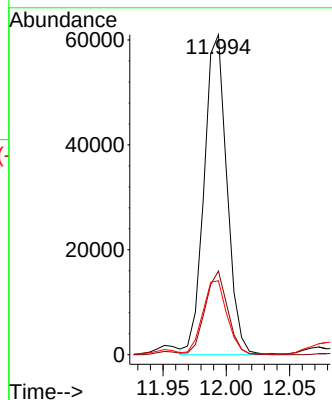
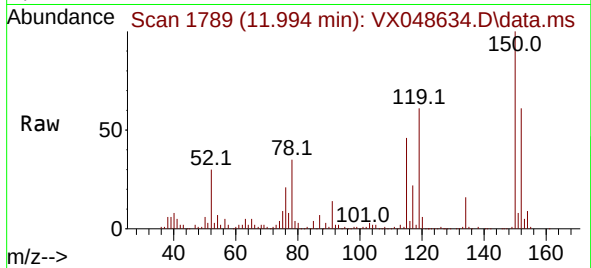




#86
 p-Isopropyltoluene
 Concen: 6.710 ug/l
 RT: 11.994 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX048634.D
 Acq: 20 Nov 2025 13:48

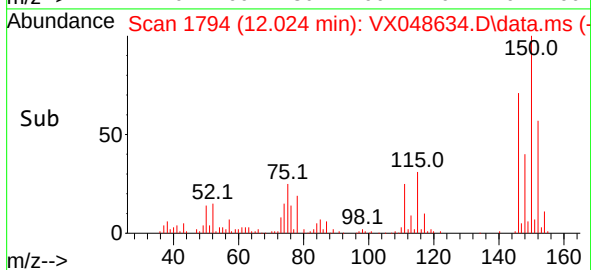
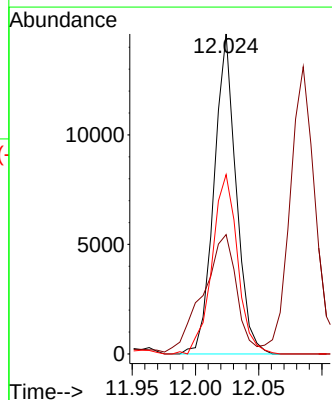
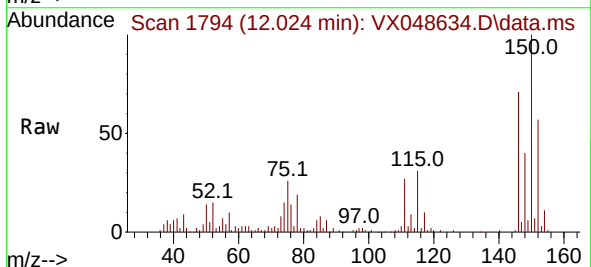
Instrument :
 MSVOA_X
 ClientSampleId :
 251119071-01 VOA

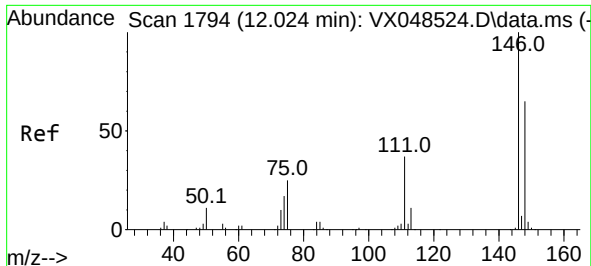
Tgt Ion:119 Resp: 76643
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 24.5 11.3 33.9



#87
 1,3-Dichlorobenzene
 Concen: 2.812 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.073 min
 Lab File: VX048634.D
 Acq: 20 Nov 2025 13:48

Tgt Ion:146 Resp: 17744
 Ion Ratio Lower Upper
 146 100
 111 54.8 19.8 59.4
 148 64.8 31.6 95.0

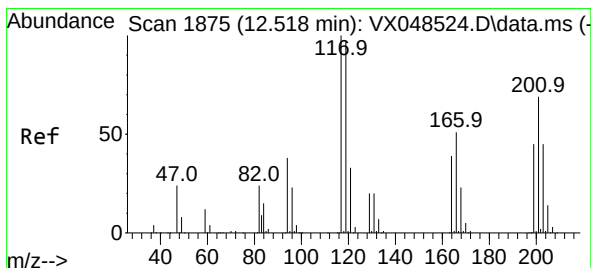
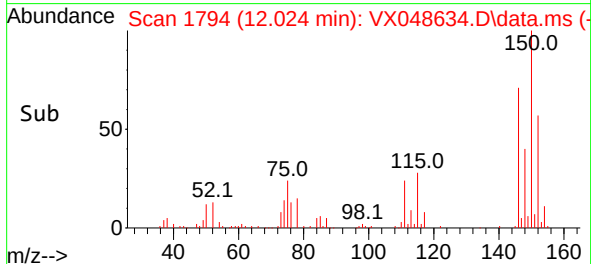
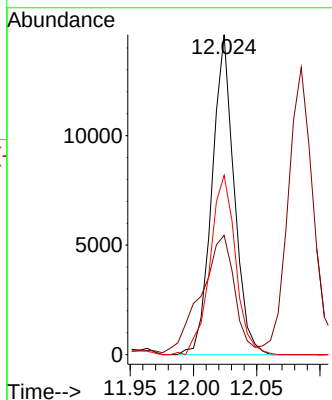
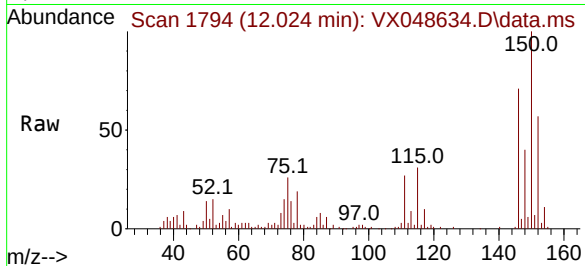




#88
1,4-Dichlorobenzene
Concen: 2.723 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

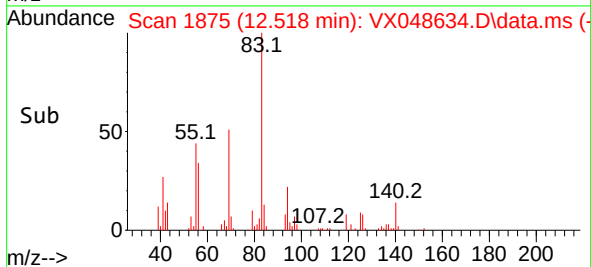
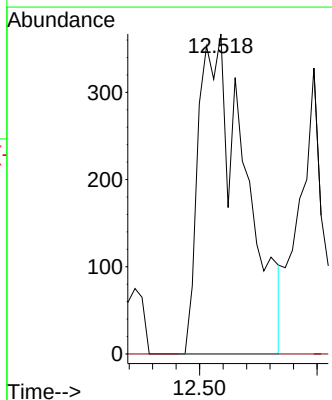
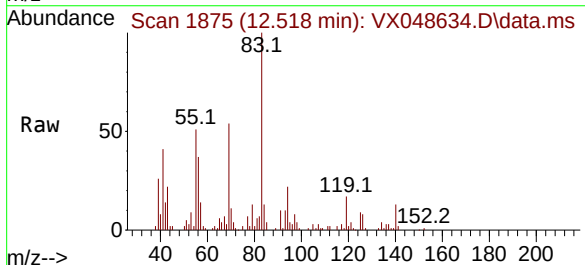
Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

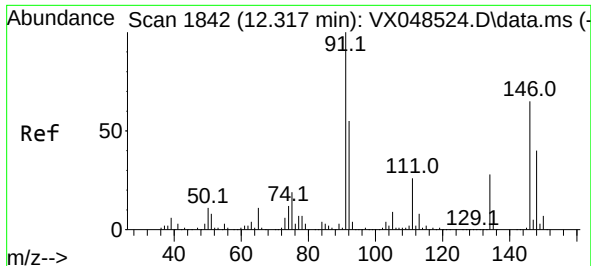
Tgt Ion:146 Resp: 17744
Ion Ratio Lower Upper
146 100
111 54.8 19.2 57.6
148 64.8 31.9 95.9



#90
Hexachloroethane
Concen: 0.460 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:117 Resp: 1002
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.8#

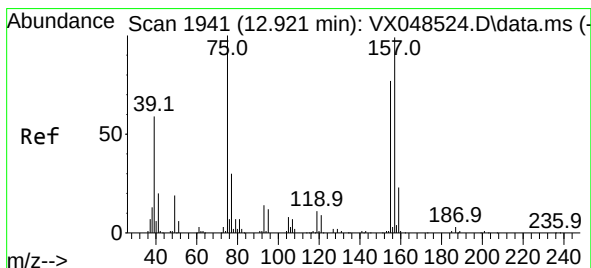
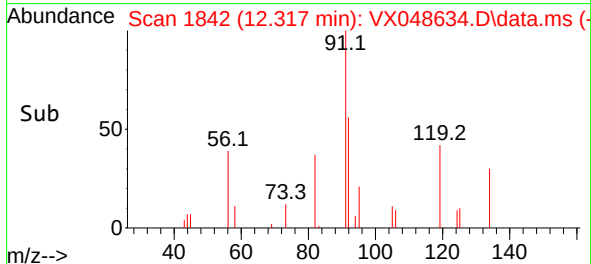
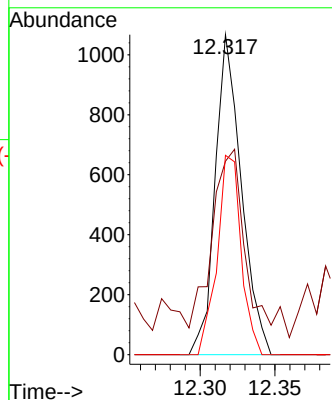
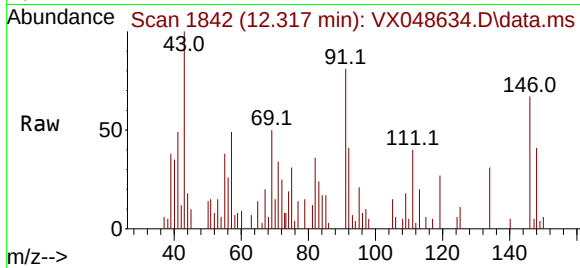




#91
 1,2-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048634.D
 Acq: 20 Nov 2025 13:48

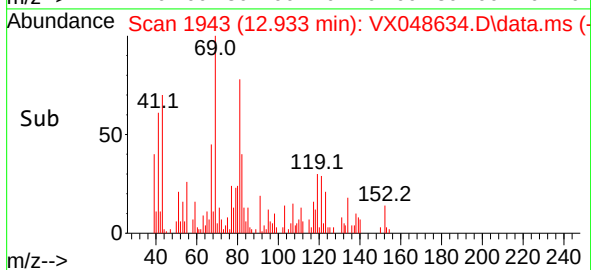
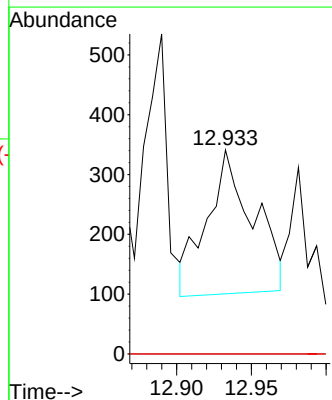
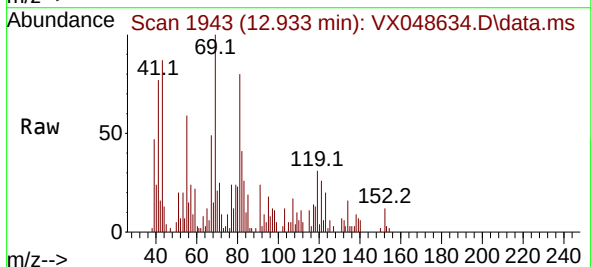
Instrument :
 MSVOA_X
 ClientSampleId :
 251119071-01 VOA

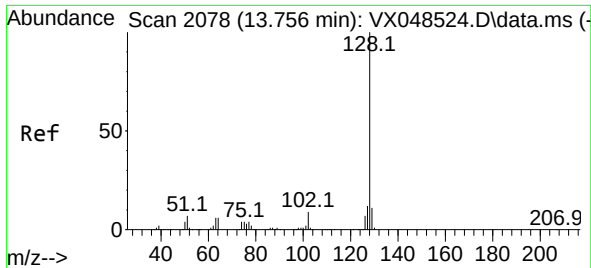
Tgt Ion:146 Resp: 1299
 Ion Ratio Lower Upper
 146 100
 111 76.1 20.6 61.9#
 148 57.0 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.486 ug/l
 RT: 12.933 min Scan# 1943
 Delta R.T. 0.012 min
 Lab File: VX048634.D
 Acq: 20 Nov 2025 13:48

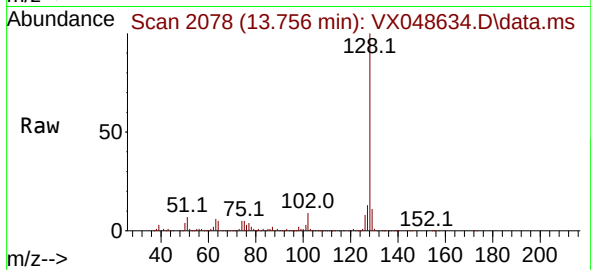
Tgt Ion: 75 Resp: 519
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.5 130.7#
 157 0.0 54.8 164.4#





#95
Naphthalene
Concen: 23.028 ug/l
RT: 13.756 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA



Tgt Ion:128 Resp: 298000
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.7 13.1

