

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048316.D
 Acq On : 23 Oct 2025 11:54
 Operator : JC/MD
 Sample : Q3414-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Oct 24 05:41:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	100987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	191847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	194077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	77669	54.854	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	109.700%	
35) Dibromofluoromethane	5.367	113	52079	39.763	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	79.520%	
50) Toluene-d8	8.634	98	213382	46.481	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	92.960%	
62) 4-Bromofluorobenzene	11.061	95	89596	51.302	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	102.600%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	2016	1.472	ug/l	97
11) Tert butyl alcohol	2.934	59	1200	8.536	ug/l #	72
13) Acrolein	2.239	56	505	3.522	ug/l #	1
15) Acrylonitrile	3.074	53	267	0.527	ug/l #	71
16) Acetone	2.373	43	23220	47.804	ug/l	96
17) Carbon Disulfide	2.520	76	1278	0.382	ug/l #	94
18) Methyl Acetate	2.702	43	3019	2.976	ug/l #	64
20) Methylene Chloride	2.788	84	3398	2.871	ug/l	98
25) 2-Butanone	4.550	43	6202	10.088	ug/l	94
29) Tetrahydrofuran	4.970	42	115	0.312	ug/l #	33
31) Cyclohexane	5.458	56	8757	4.982	ug/l	89
36) 1,1-Dichloropropene	5.531	75	8701	4.674	ug/l #	50
37) Ethyl Acetate	4.684	43	405	0.262	ug/l #	70
38) Carbon Tetrachloride	5.531	117	11188	4.871	ug/l #	16
39) Methylcyclohexane	7.360	83	9587	4.361	ug/l	97
40) Benzene	6.025	78	4882949	903.465	ug/l	100
41) Methacrylonitrile	4.989	41	349	0.431	ug/l #	37
42) 1,2-Dichloroethane	6.025	62	45244	22.686	ug/l #	76
43) Isopropyl Acetate	6.318	43	9076	3.581	ug/l	97
48) Methyl methacrylate	7.775	41	34022	26.602	ug/l #	47
49) 1,4-Dioxane	7.775	88	51	3.018	ug/l #	1
51) 4-Methyl-2-Pentanone	8.531	43	37724	25.815	ug/l #	56
52) Toluene	8.701	92	2962432	862.797	ug/l	97
53) t-1,3-Dichloropropene	8.701	75	36722	17.629	ug/l #	1
54) cis-1,3-Dichloropropene	8.531	75	15152	6.742	ug/l #	63
55) 1,1,2-Trichloroethane	9.085	97	695	0.544	ug/l #	22
57) 1,3-Dichloropropane	9.463	76	1204	0.552	ug/l #	50
58) 2-Chloroethyl Vinyl ether	8.232	63	232	1.927	ug/l #	47
59) 2-Hexanone	9.463	43	15107	14.826	ug/l #	58
67) Ethyl Benzene	10.177	91	474423	63.826	ug/l	100
68) m/p-Xylenes	10.280	106	1022483	370.230	ug/l	98
69) o-Xylene	10.628	106	947483	355.355	ug/l	99
70) Styrene	10.634	104	374569	82.503	ug/l #	65
73) Isopropylbenzene	10.945	105	36757	5.038	ug/l	99
74) N-amyl acetate	10.841	43	1169	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.359	75	3634	2.243	ug/l #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048316.D
 Acq On : 23 Oct 2025 11:54
 Operator : JC/MD
 Sample : Q3414-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Oct 24 05:41:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

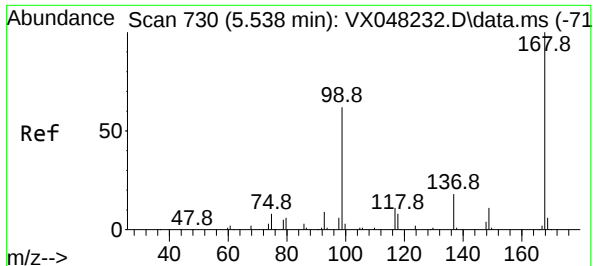
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.286	91	65986	7.812	ug/l	98
79) 2-Chlorotoluene	11.359	91	48711	9.511	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.433	105	382036	63.277	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.061	75	47088	70.725	ug/l #	10
82) 4-Chlorotoluene	11.433	91	44955	7.394	ug/l #	46
83) tert-Butylbenzene	11.951	119	18828	3.035	ug/l	71
84) 1,2,4-Trimethylbenzene	11.731	105	942383	156.402	ug/l	99
85) sec-Butylbenzene	11.731	105	942383	126.269	ug/l #	56
86) p-Isopropyltoluene	11.951	119	18828	2.919	ug/l	89
88) 1,4-Dichlorobenzene	12.024	146	792	0.222	ug/l #	35
89) n-Butylbenzene	12.304	91	14672	2.499	ug/l #	9
90) Hexachloroethane	12.530	117	11765	9.235	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.902	75	317	0.784	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.566	180	658	0.301	ug/l #	1
94) Hexachlorobutadiene	13.707	225	433	0.594	ug/l	97
95) Naphthalene	13.761	128	6221346	1072.433	ug/l	98

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

Quant Time: Oct 24 05:41:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

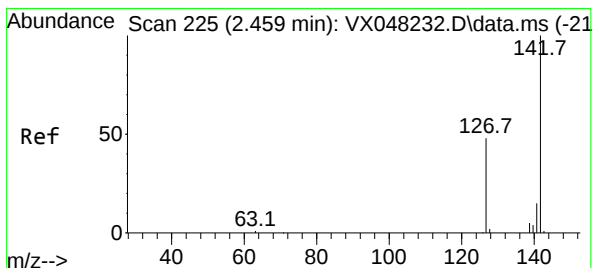
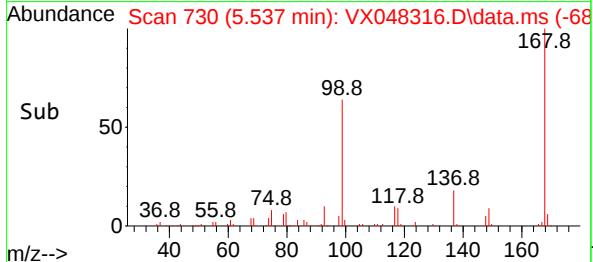
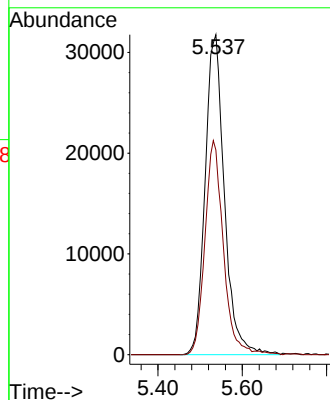
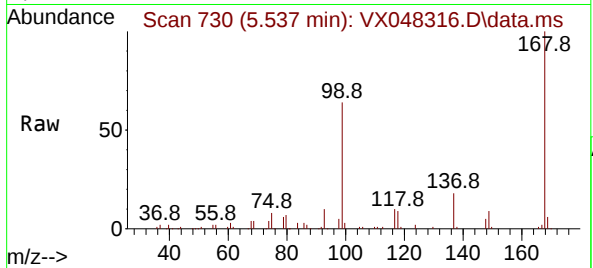




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

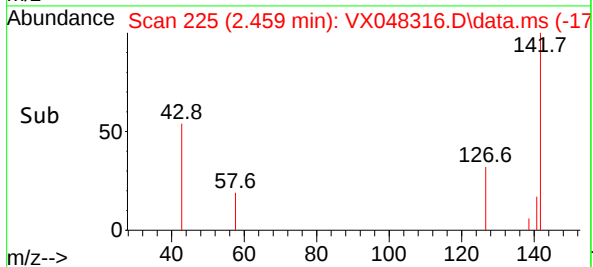
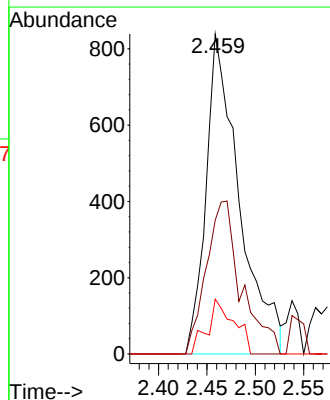
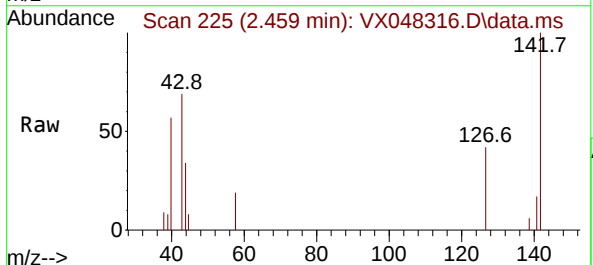
Instrument :
MSVOA_X
ClientSampleId :
SB-1

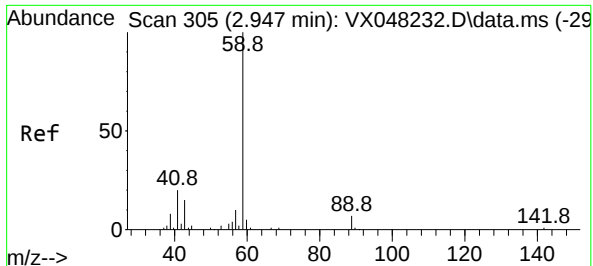
Tgt Ion:168 Resp: 100987
Ion Ratio Lower Upper
168 100
99 64.0 46.4 69.6



#10
Methyl Iodide
Concen: 1.472 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:142 Resp: 2016
Ion Ratio Lower Upper
142 100
127 50.1 38.5 57.7
141 13.7 11.6 17.4

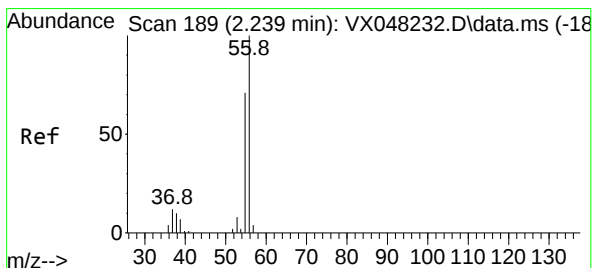
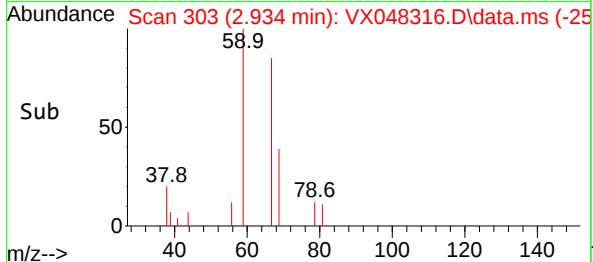
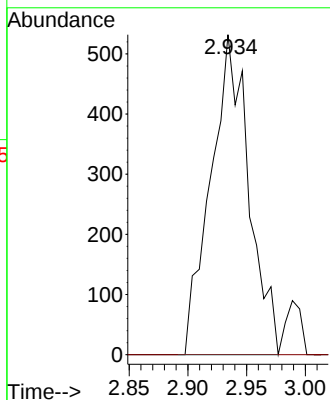
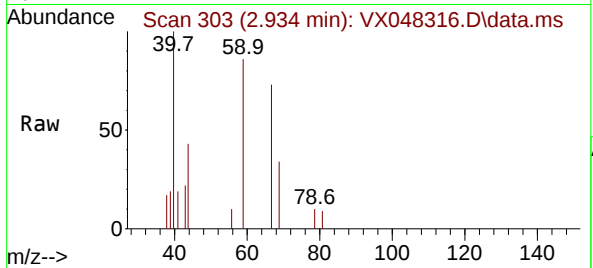




#11
Tert butyl alcohol
Concen: 8.536 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

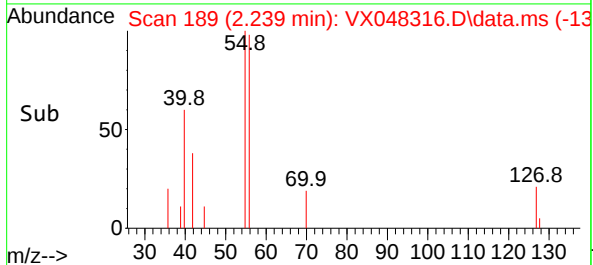
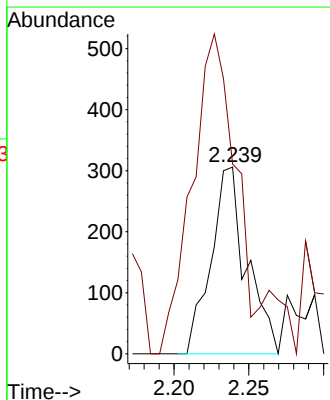
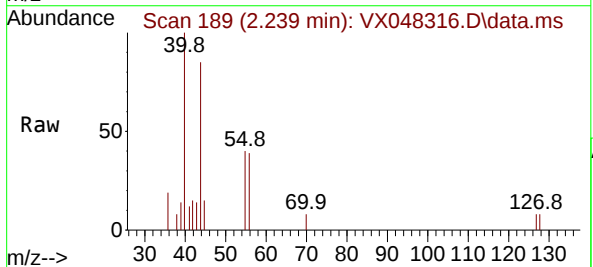
Instrument :
MSVOA_X
ClientSampleId :
SB-1

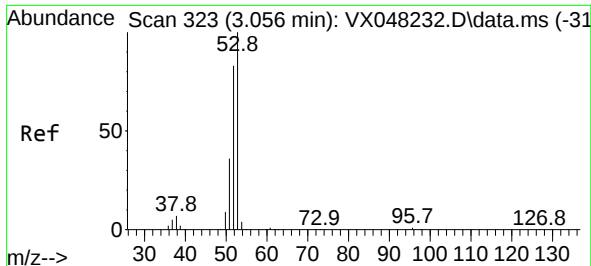
Tgt Ion: 59 Resp: 1200
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 3.522 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 56 Resp: 505
Ion Ratio Lower Upper
56 100
55 211.9 56.1 84.1#





#15

Acrylonitrile

Concen: 0.527 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

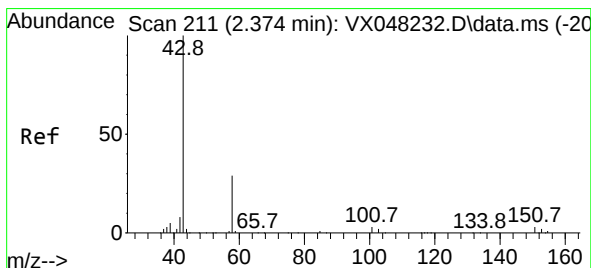
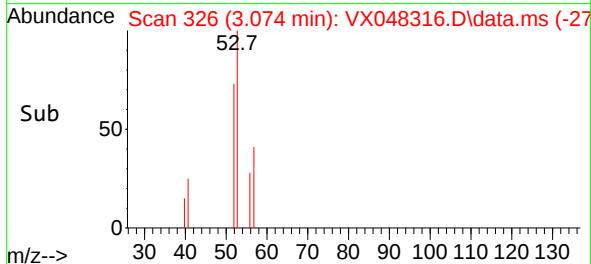
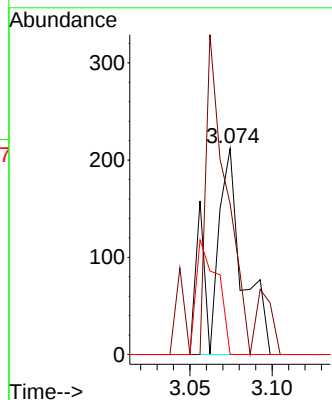
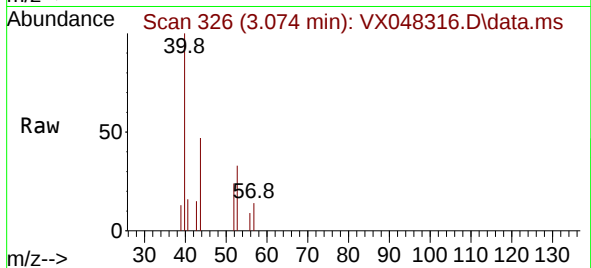
MSVOA_X

ClientSampleId :

SB-1

Tgt Ion: 53 Resp: 267

Ion	Ratio	Lower	Upper
53	100		
52	117.6	66.1	99.1#
51	39.3	29.0	43.4



#16

Acetone

Concen: 47.804 ug/l

RT: 2.373 min Scan# 211

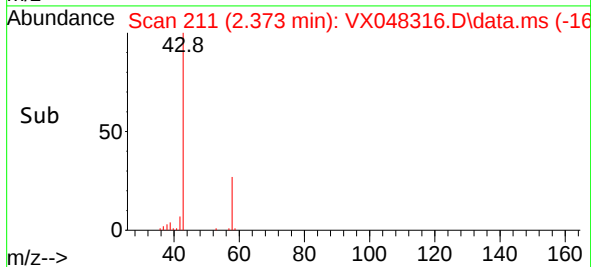
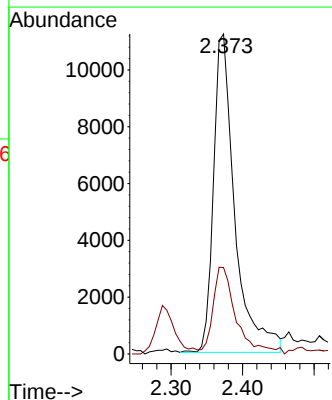
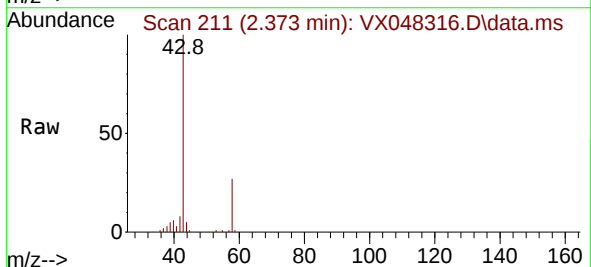
Delta R.T. -0.000 min

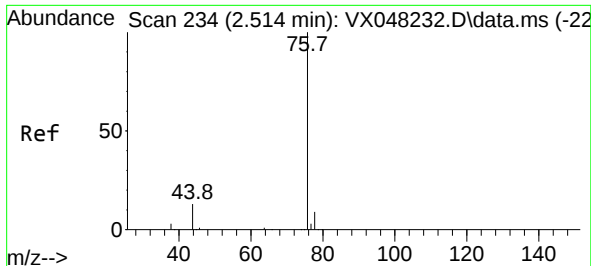
Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Tgt Ion: 43 Resp: 23220

Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.4	35.2





#17

Carbon Disulfide

Concen: 0.382 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

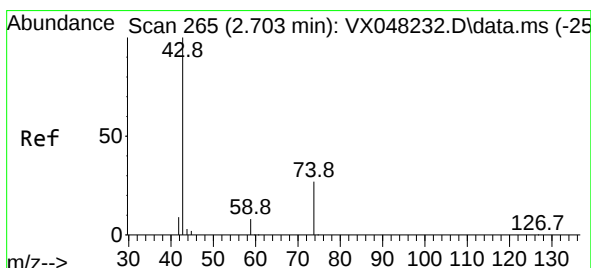
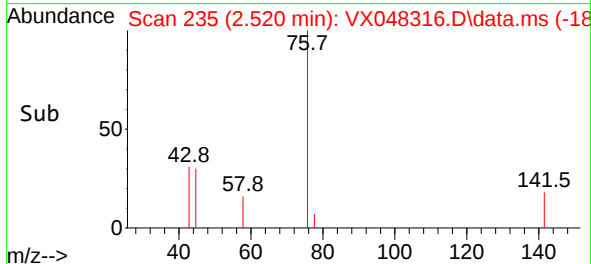
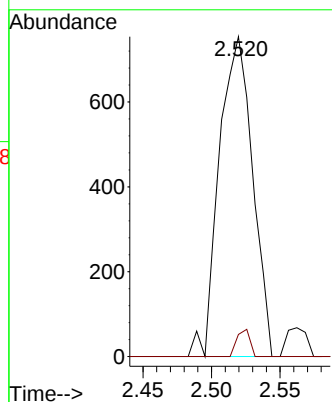
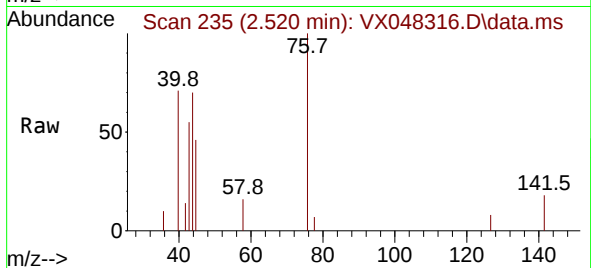
SB-1

Tgt Ion: 76 Resp: 1278

Ion Ratio Lower Upper

76 100

78 6.9 7.1 10.7#



#18

Methyl Acetate

Concen: 2.976 ug/l

RT: 2.702 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048316.D

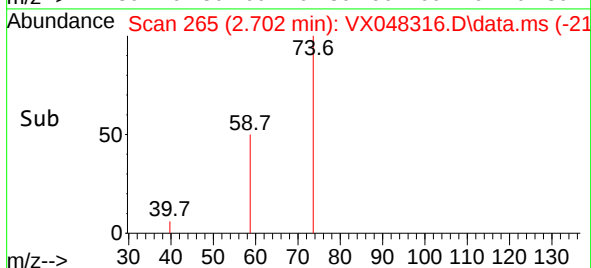
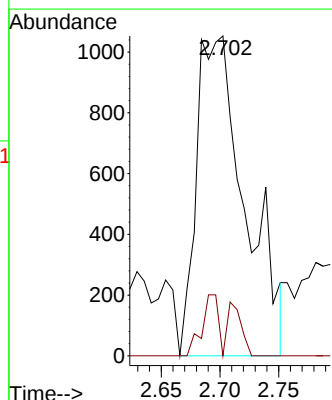
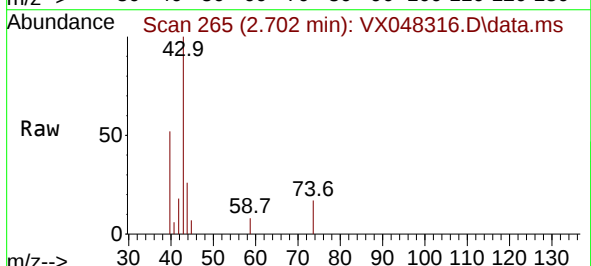
Acq: 23 Oct 2025 11:54

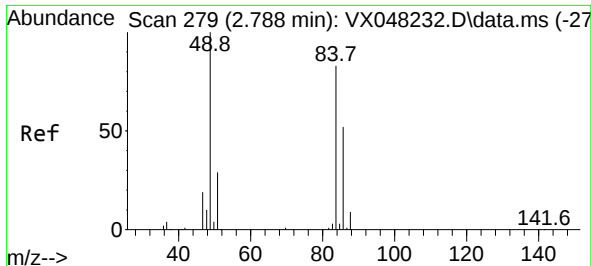
Tgt Ion: 43 Resp: 3019

Ion Ratio Lower Upper

43 100

74 4.8 17.5 26.3#

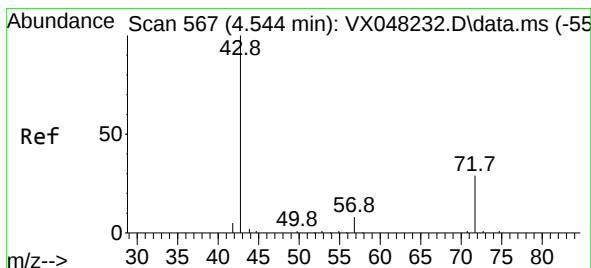
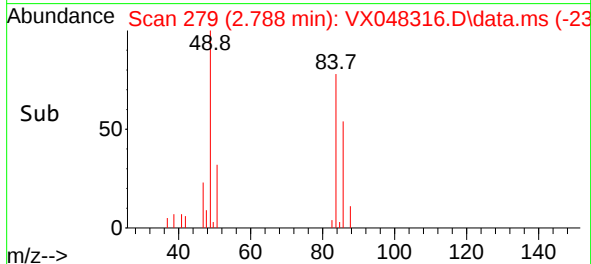
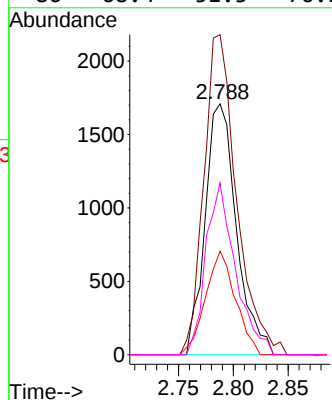
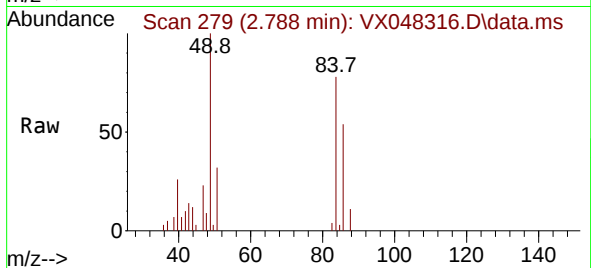




#20
Methylene Chloride
Concen: 2.871 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

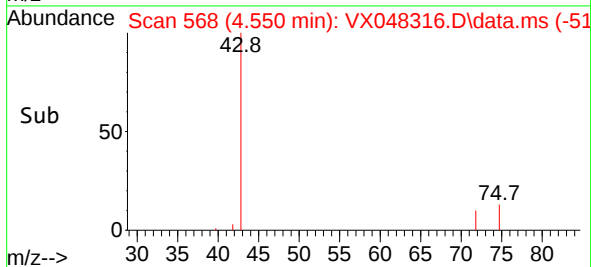
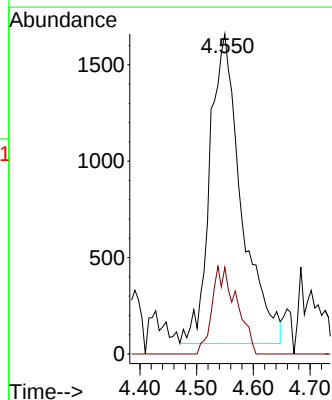
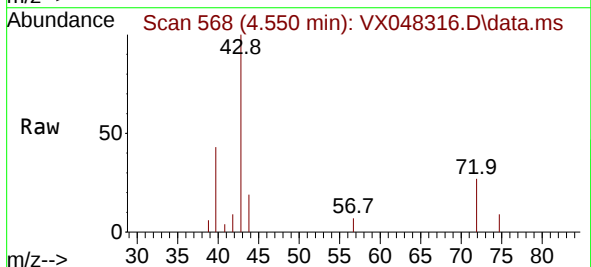
Instrument :
MSVOA_X
ClientSampleId :
SB-1

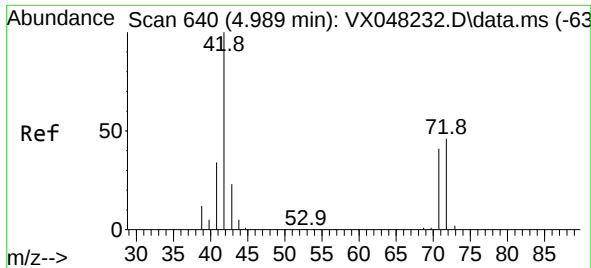
Tgt Ion:	84	Resp:	3398
Ion	Ratio	Lower	Upper
84	100		
49	130.9	104.1	156.1
51	41.3	31.3	46.9
86	68.4	51.3	76.9



#25
2-Butanone
Concen: 10.088 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:	43	Resp:	6202
Ion	Ratio	Lower	Upper
43	100		
72	28.0	19.9	29.9





#29

Tetrahydrofuran

Concen: 0.312 ug/l

RT: 4.970 min Scan# 61

Delta R.T. -0.019 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

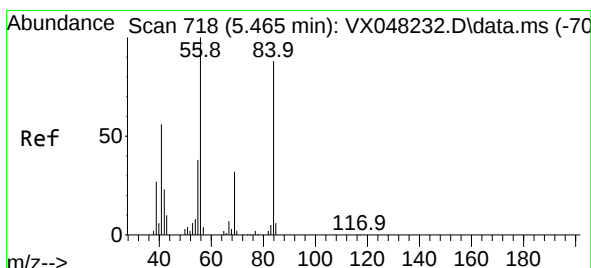
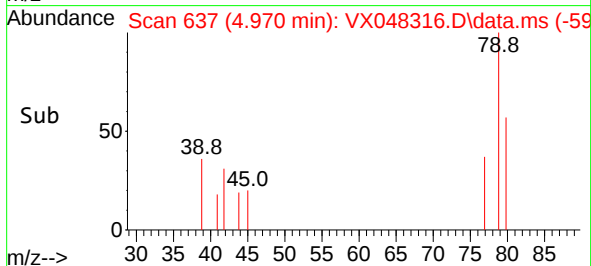
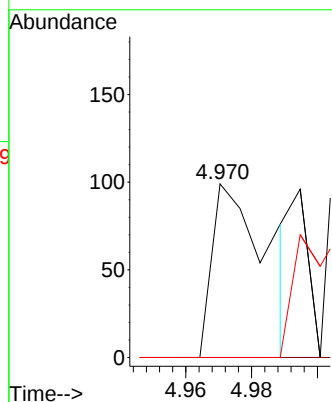
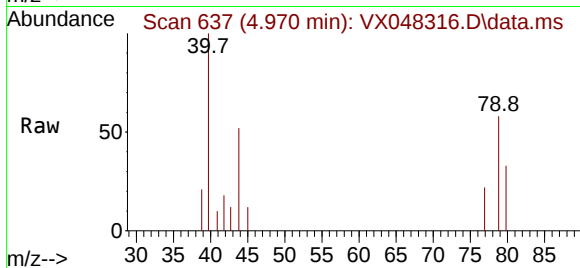
Tgt Ion: 42 Resp: 115

Ion Ratio Lower Upper

42 100

72 0.0 35.3 52.9#

71 0.0 32.2 48.4#



#31

Cyclohexane

Concen: 4.982 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

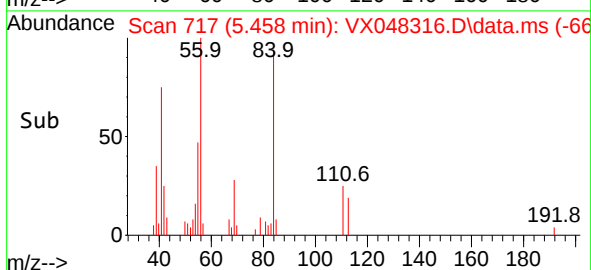
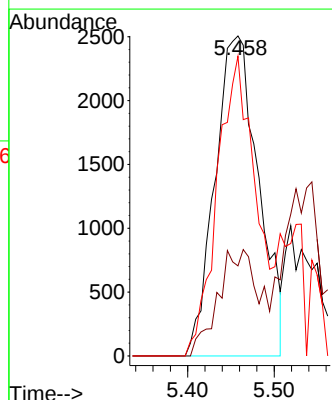
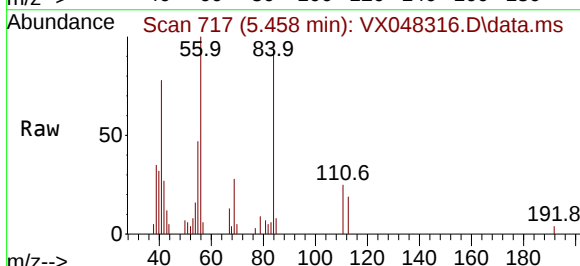
Tgt Ion: 56 Resp: 8757

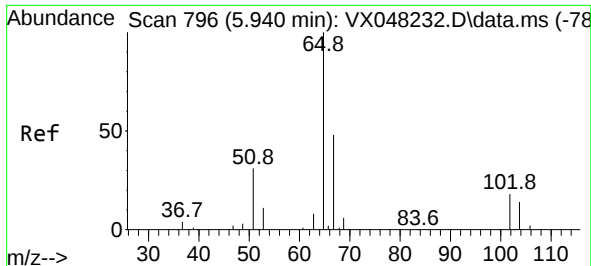
Ion Ratio Lower Upper

56 100

69 28.2 23.0 34.6

84 93.7 64.6 97.0

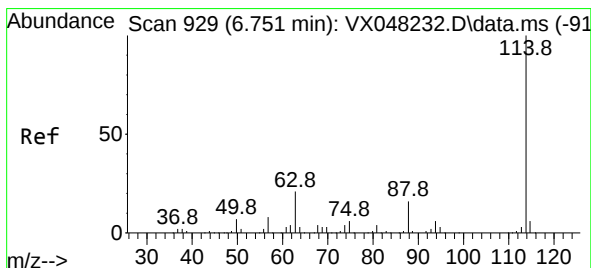
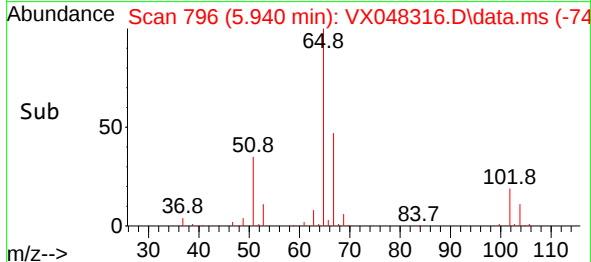
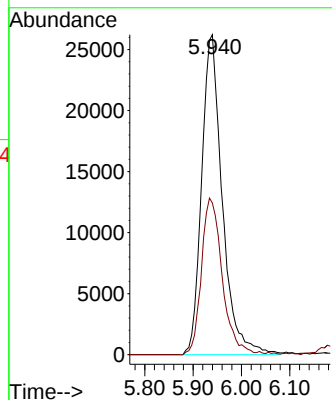
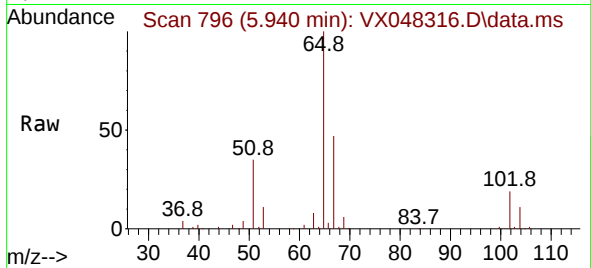




#33
1,2-Dichloroethane-d4
Concen: 54.854 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

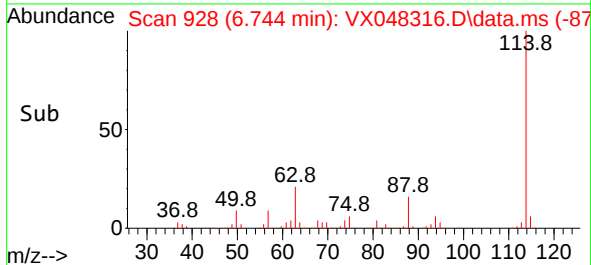
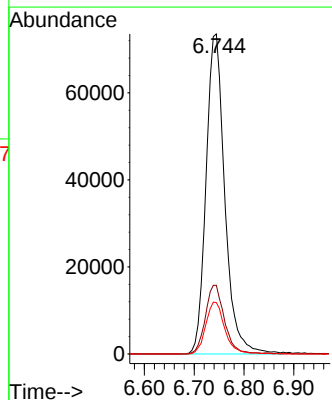
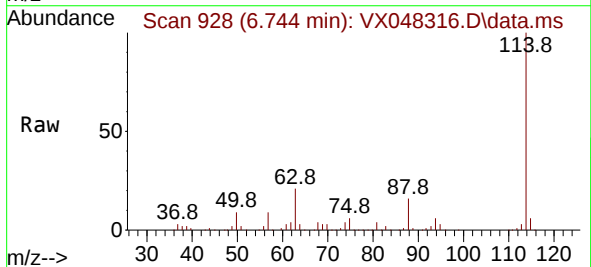
Instrument :
MSVOA_X
ClientSampleId :
SB-1

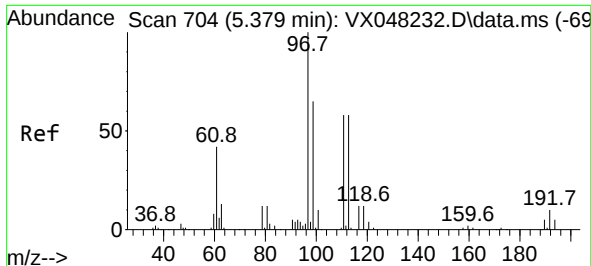
Tgt Ion: 65 Resp: 77669
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.001 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:114 Resp: 191847
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.1 0.0 33.6

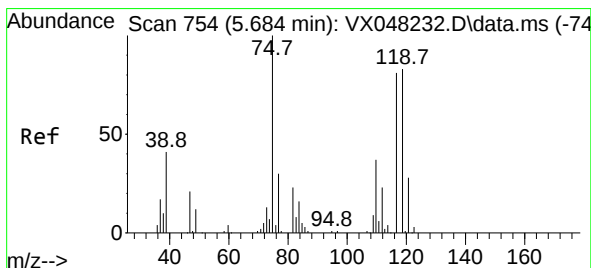
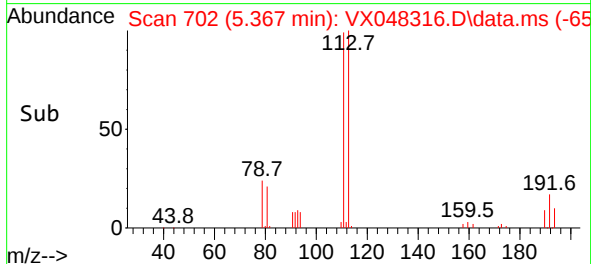
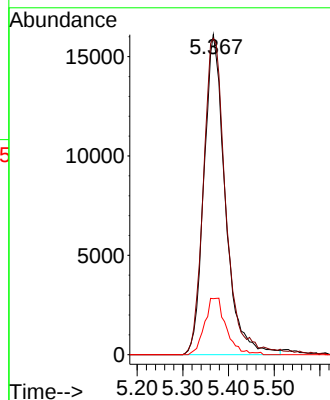
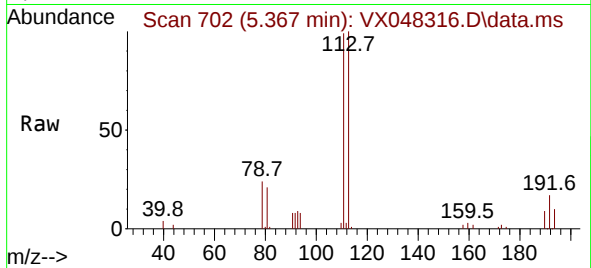




#35
Dibromofluoromethane
Concen: 39.763 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

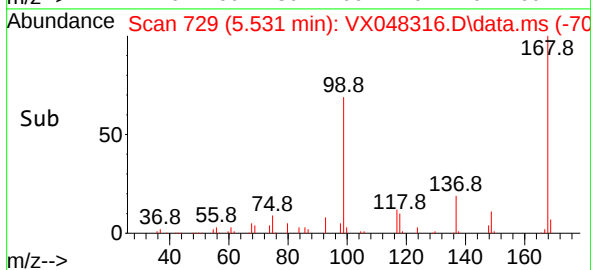
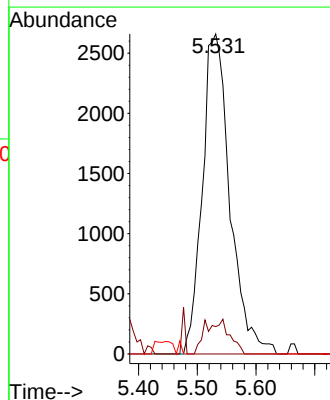
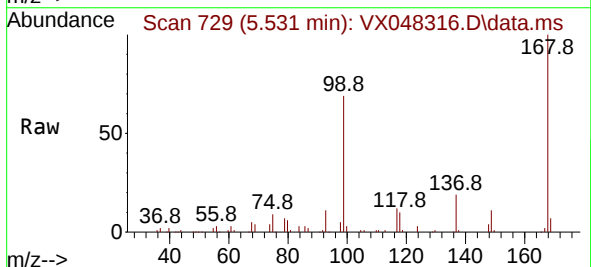
Instrument :
MSVOA_X
ClientSampleId :
SB-1

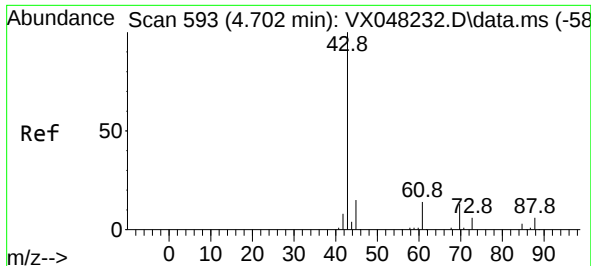
Tgt Ion:113 Resp: 52079
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.153 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 75 Resp: 8701
Ion Ratio Lower Upper
75 100
110 9.4 17.7 53.1#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.262 ug/l

RT: 4.684 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

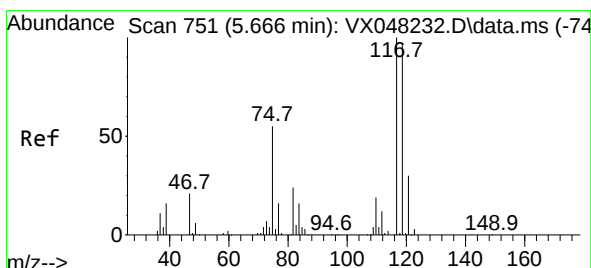
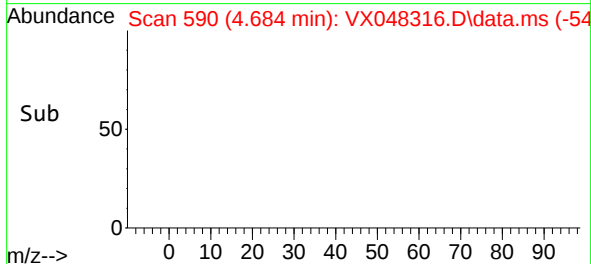
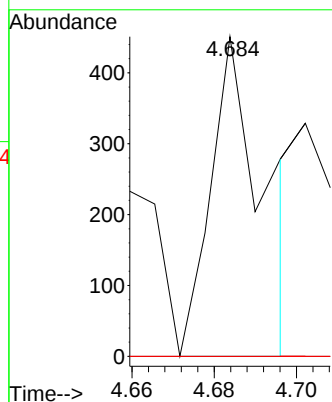
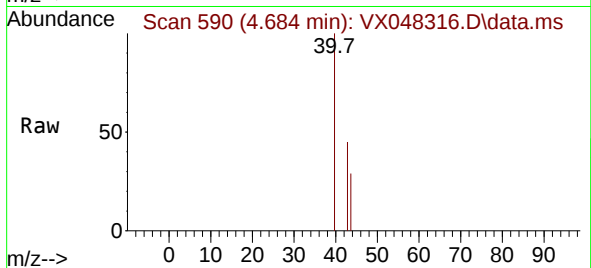
Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 4.871 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.134 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

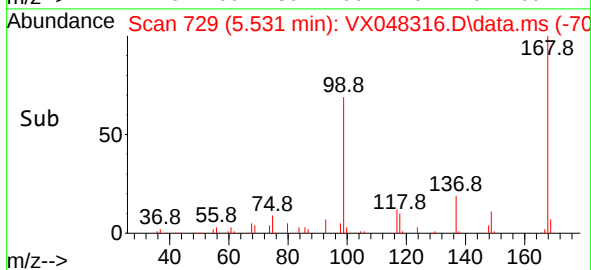
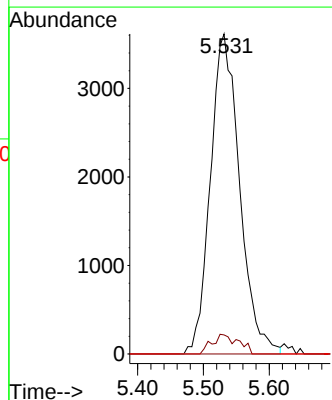
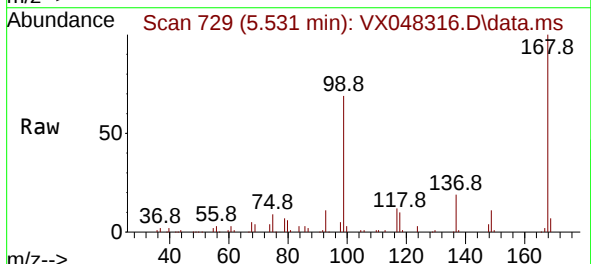
Tgt Ion: 117 Resp: 11188

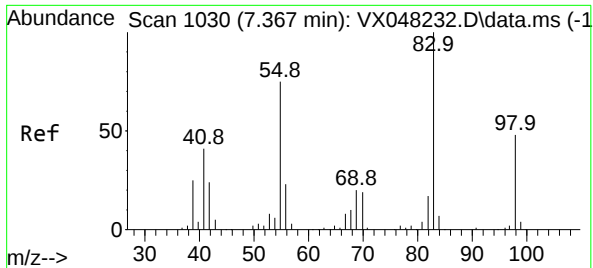
Ion Ratio Lower Upper

117 100

119 6.0 77.2 115.8#

121 0.0 24.8 37.2#

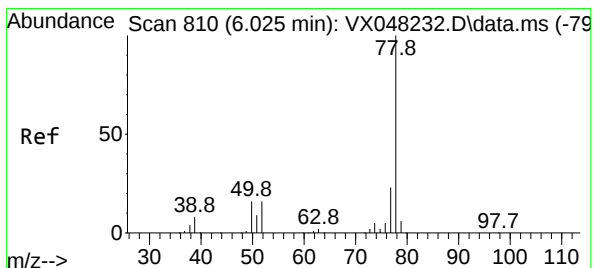
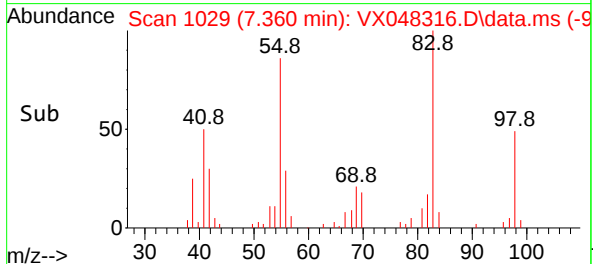
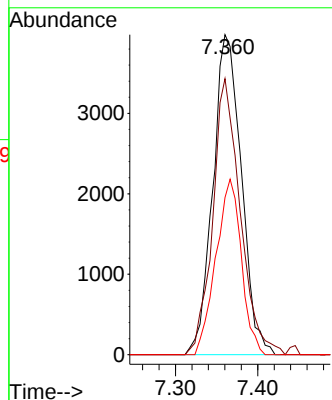
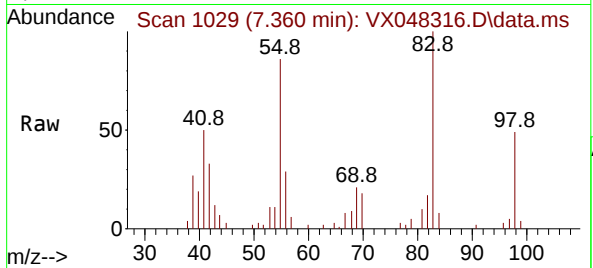




#39
Methylcyclohexane
Concen: 4.361 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

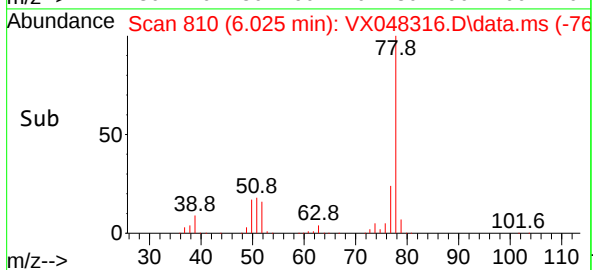
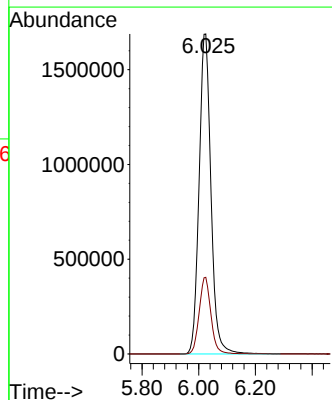
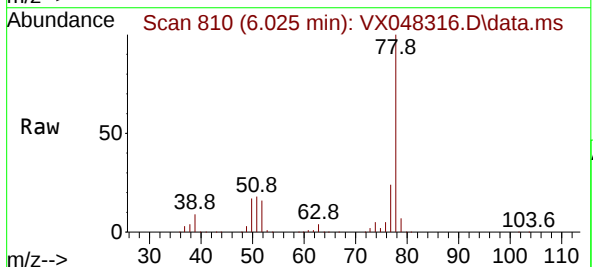
Instrument :
MSVOA_X
ClientSampleId :
SB-1

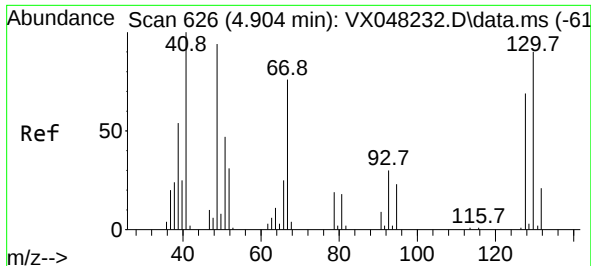
Tgt Ion:	83	Resp:	9587
Ion	Ratio	Lower	Upper
83	100		
55	86.2	66.2	99.2
98	49.1	38.9	58.3



#40
Benzene
Concen: 903.465 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:	78	Resp:	4882949
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

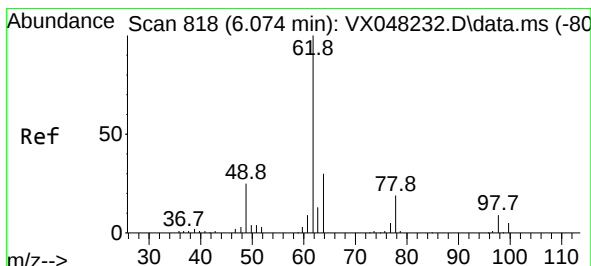
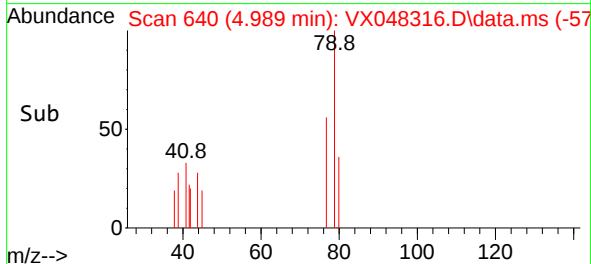
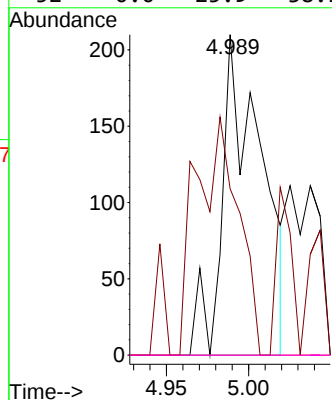
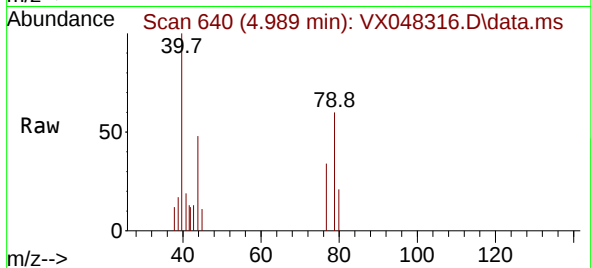




#41
Methacrylonitrile
Concen: 0.431 ug/l
RT: 4.989 min Scan# 640
Delta R.T. 0.085 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

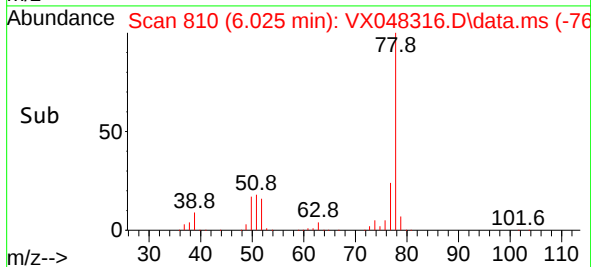
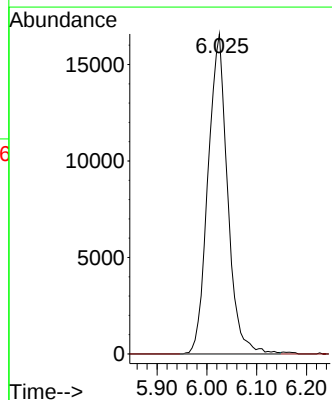
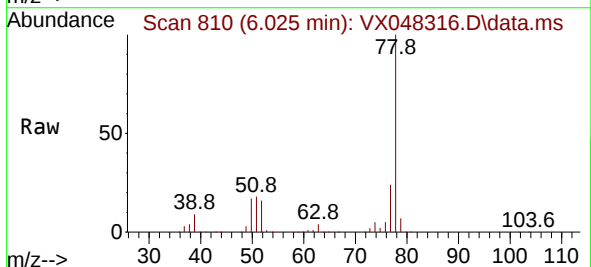
Instrument :
MSVOA_X
ClientSampleId :
SB-1

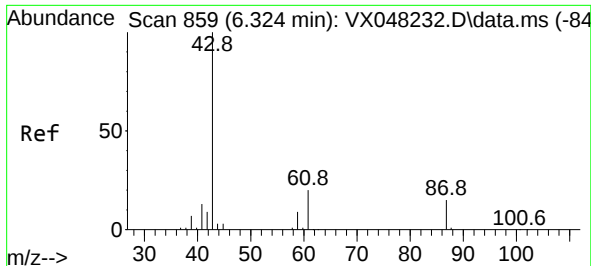
Tgt Ion: 41 Resp: 349
Ion Ratio Lower Upper
41 100
39 79.7 44.0 66.0#
67 0.0 58.7 88.1#
52 0.0 25.9 38.9#



#42
1,2-Dichloroethane
Concen: 22.686 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.043 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 62 Resp: 45244
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.2

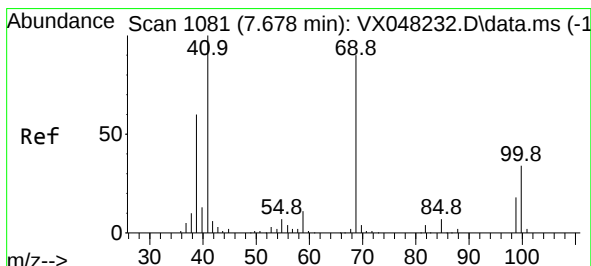
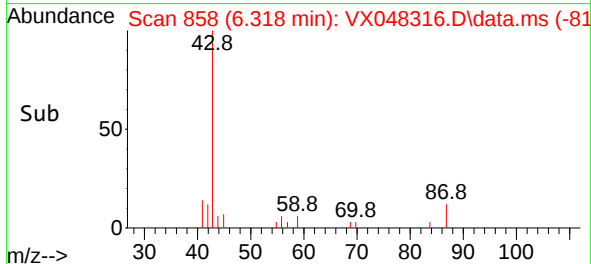
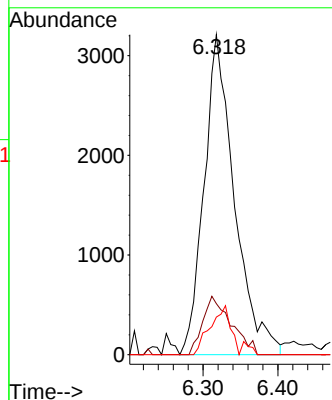
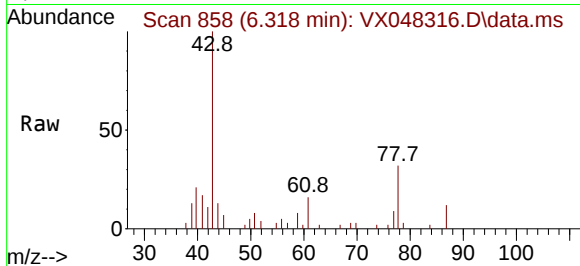




#43
Isopropyl Acetate
Concen: 3.581 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

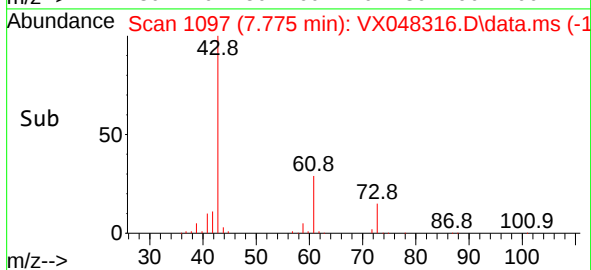
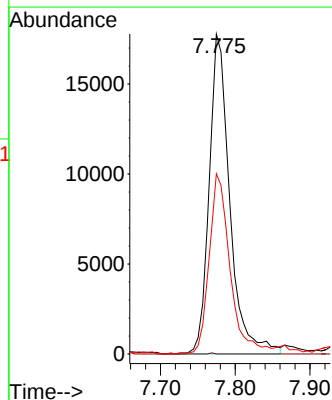
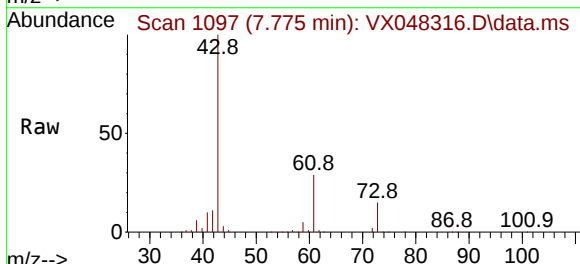
Instrument :
MSVOA_X
ClientSampleId :
SB-1

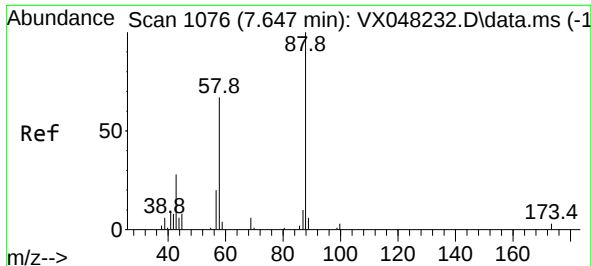
Tgt Ion:	43	Resp:	9076
Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.9	22.3
87	10.2	9.4	14.2



#48
Methyl methacrylate
Concen: 26.602 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. 0.097 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:	41	Resp:	34022
Ion	Ratio	Lower	Upper
41	100		
69	0.1	63.4	95.0#
39	57.3	47.1	70.7

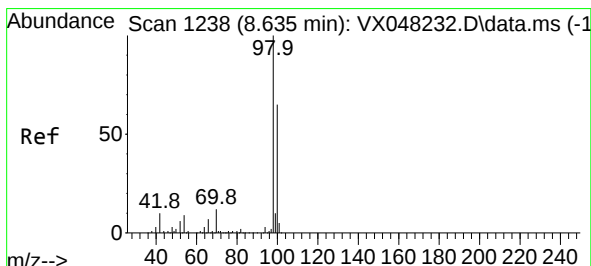
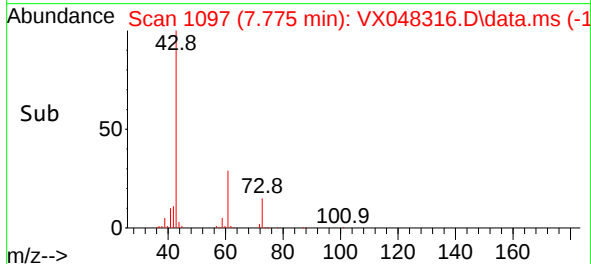
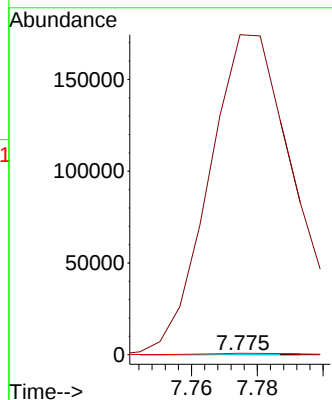
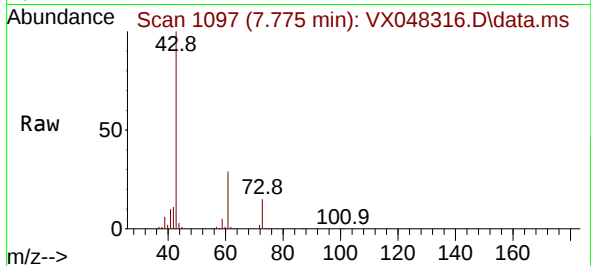




#49
1,4-Dioxane
Concen: 3.018 ug/l
RT: 7.775 min Scan# 1076
Delta R.T. 0.134 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

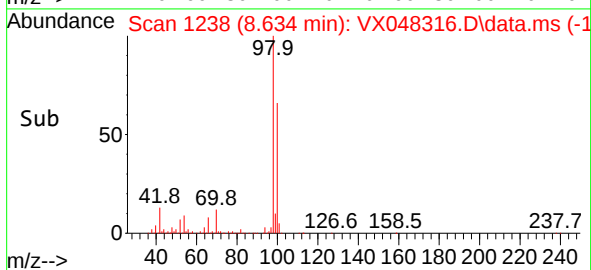
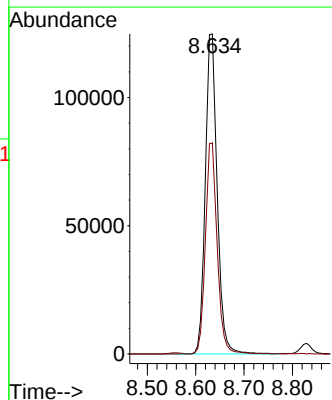
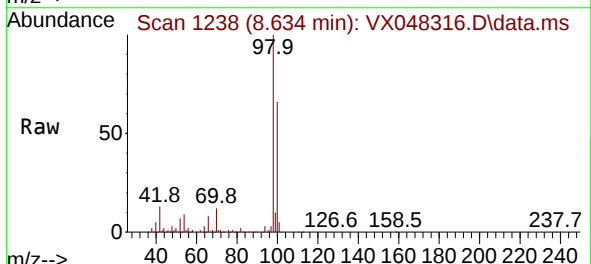
Instrument :
MSVOA_X
ClientSampleId :
SB-1

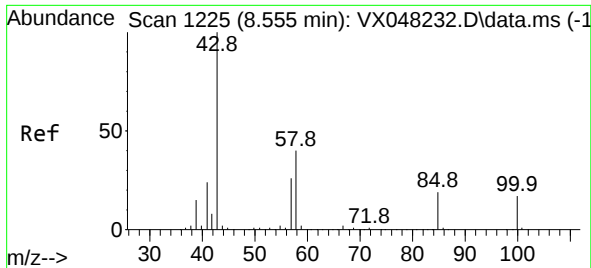
Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 669129.4 35.0 52.4#
58 3096.1 61.9 92.9#



#50
Toluene-d8
Concen: 46.481 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 98 Resp: 213382
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

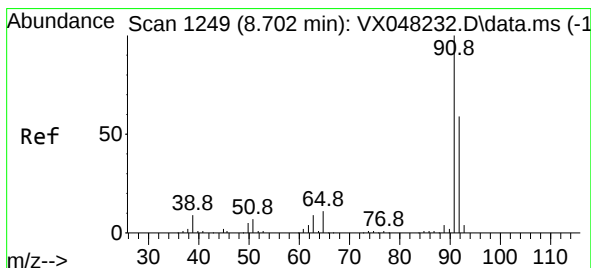
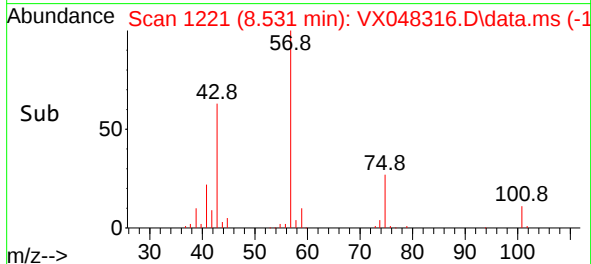
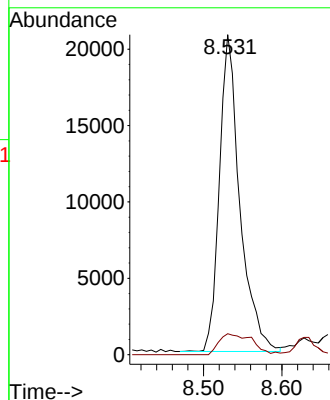
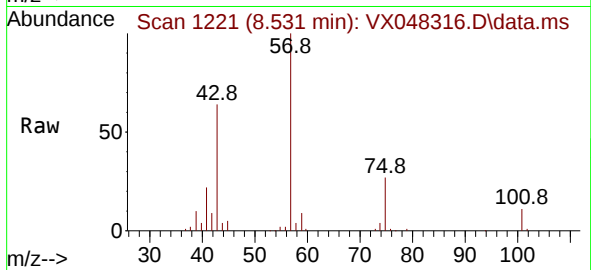




#51
4-Methyl-2-Pentanone
Concen: 25.815 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. -0.025 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

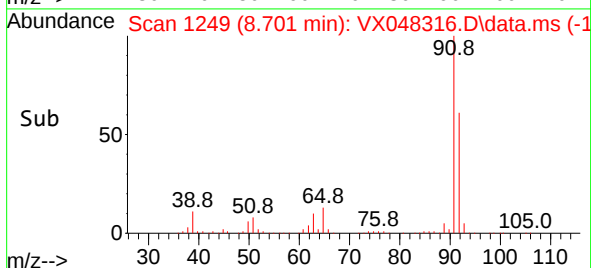
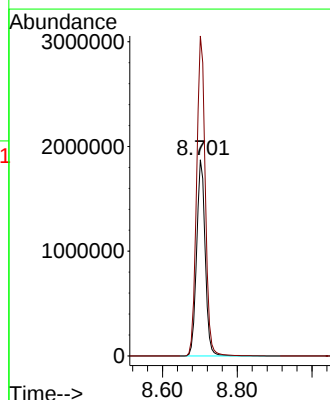
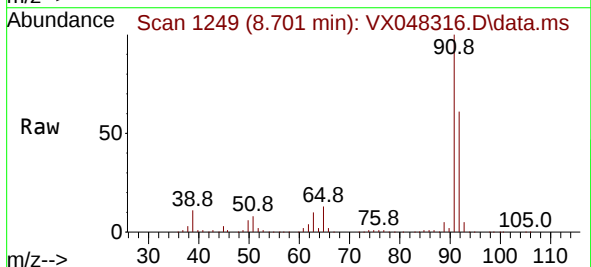
Instrument :
MSVOA_X
ClientSampleId :
SB-1

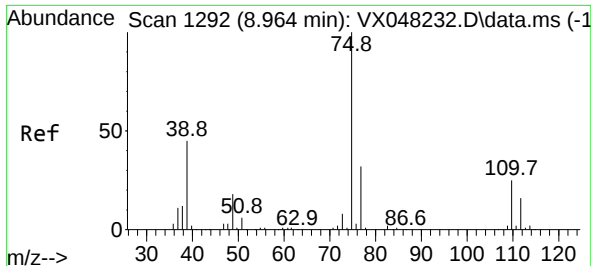
Tgt Ion: 43 Resp: 37724
Ion Ratio Lower Upper
43 100
58 10.8 29.5 44.3#



#52
Toluene
Concen: 862.797 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 92 Resp: 2962432
Ion Ratio Lower Upper
92 100
91 165.9 136.1 204.1

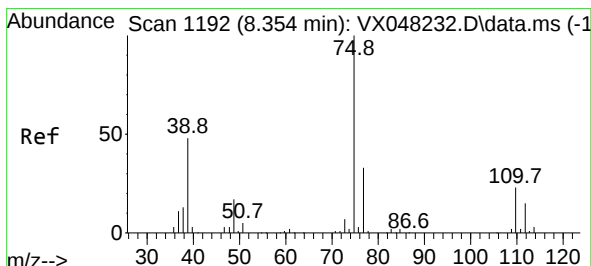
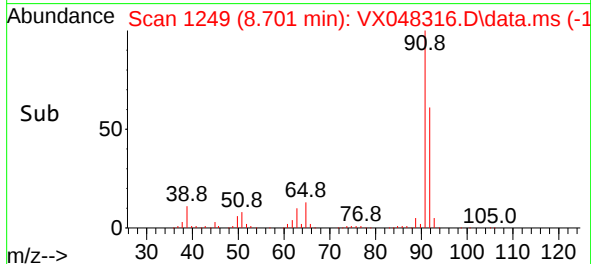
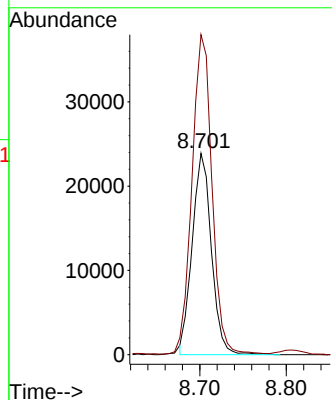
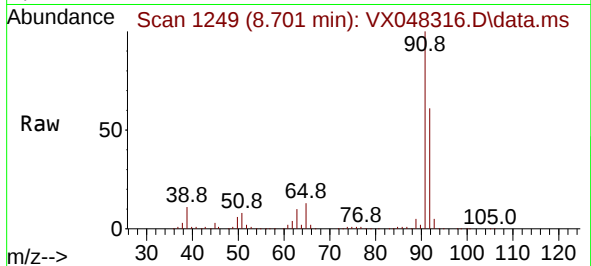




#53
t-1,3-Dichloropropene
Concen: 17.629 ug/l
RT: 8.701 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

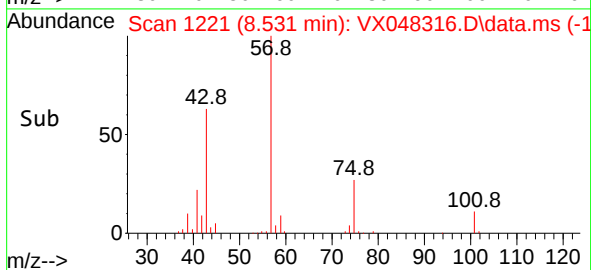
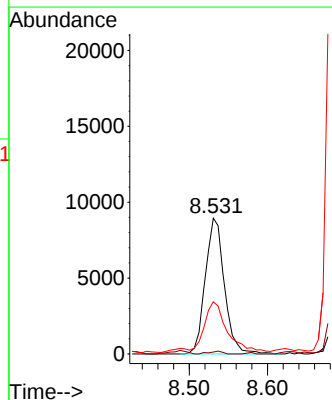
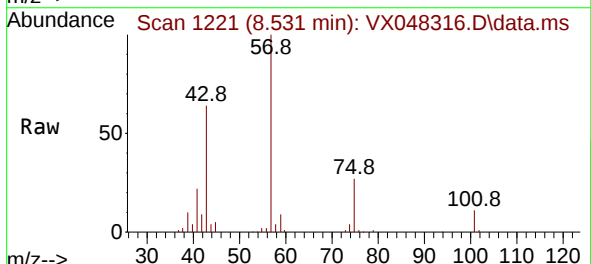
Instrument :
MSVOA_X
ClientSampleId :
SB-1

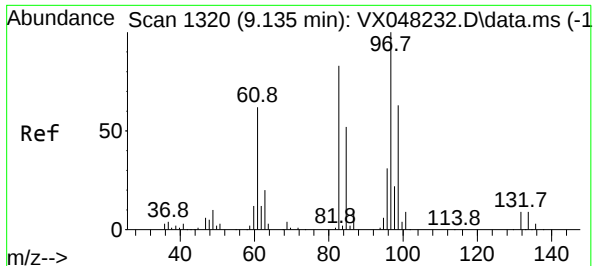
Tgt Ion: 75 Resp: 36722
Ion Ratio Lower Upper
75 100
77 157.5 25.0 37.6#



#54
cis-1,3-Dichloropropene
Concen: 6.742 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. 0.183 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 75 Resp: 15152
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 35.1 42.6 64.0#

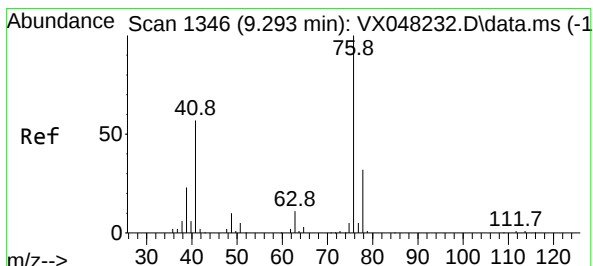
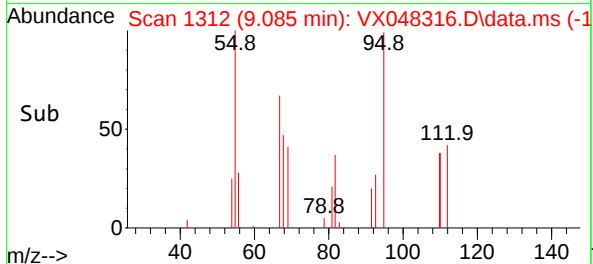
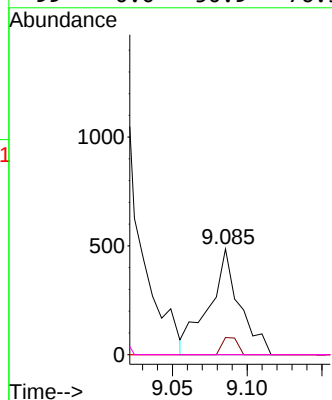
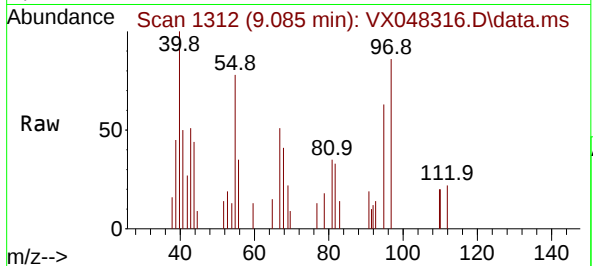




#55
 1,1,2-Trichloroethane
 Concen: 0.544 ug/l
 RT: 9.085 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

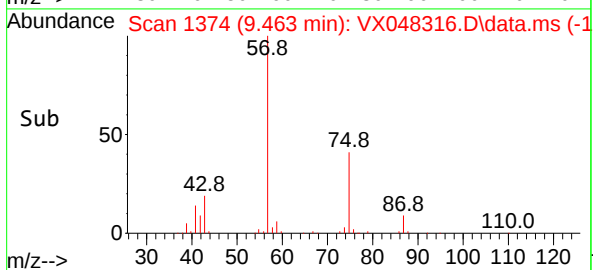
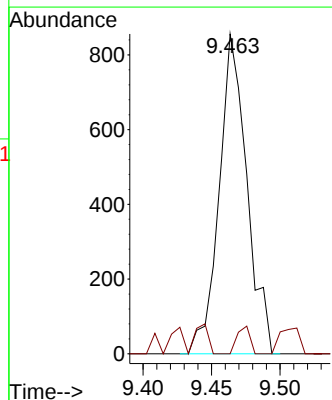
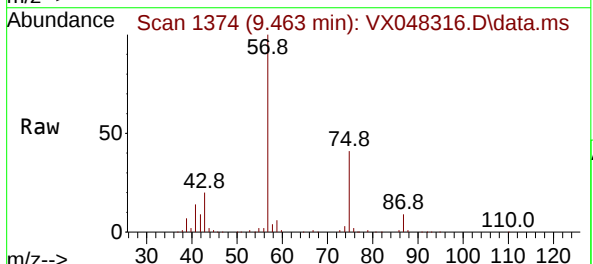
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

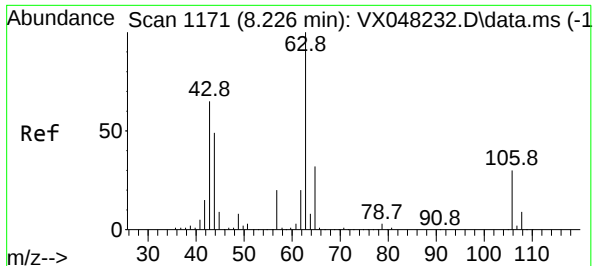
Tgt Ion:	97	Resp:	695
Ion	Ratio	Lower	Upper
97	100		
83	16.3	70.6	105.8#
85	0.0	45.0	67.6#
99	0.0	50.9	76.3#



#57
 1,3-Dichloropropane
 Concen: 0.552 ug/l
 RT: 9.463 min Scan# 1374
 Delta R.T. 0.170 min
 Lab File: VX048316.D
 Acq: 23 Oct 2025 11:54

Tgt Ion:	76	Resp:	1204
Ion	Ratio	Lower	Upper
76	100		
78	4.0	25.4	38.0#

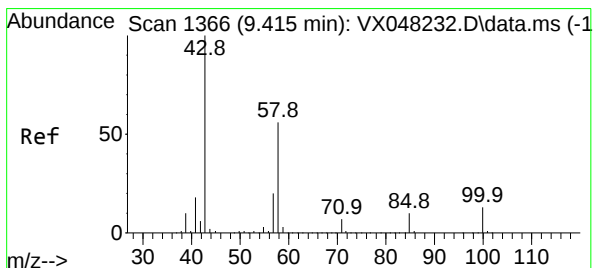
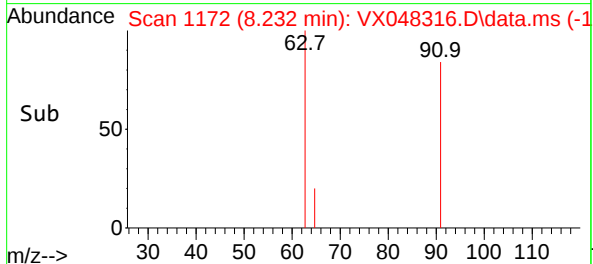
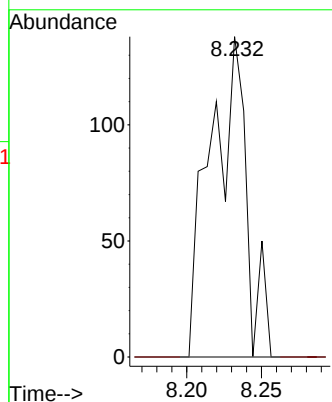
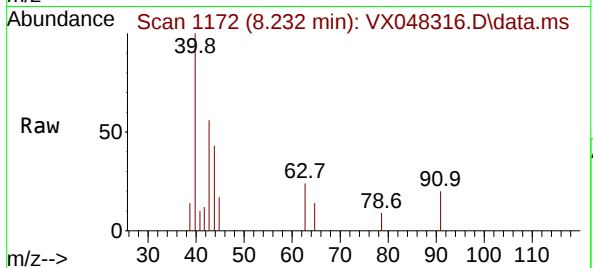




#58
2-Chloroethyl Vinyl ether
Concen: 1.927 ug/l
RT: 8.232 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

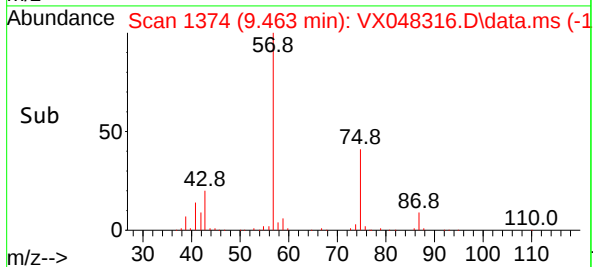
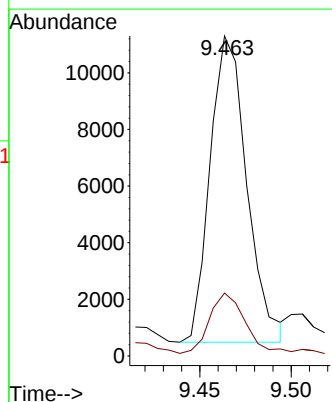
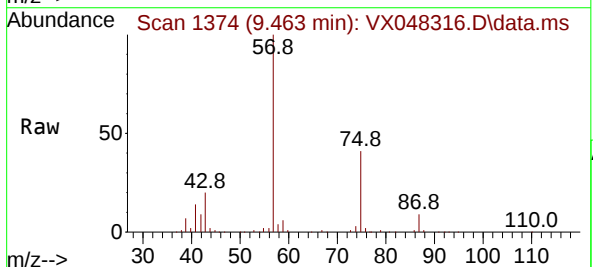
Instrument :
MSVOA_X
ClientSampleId :
SB-1

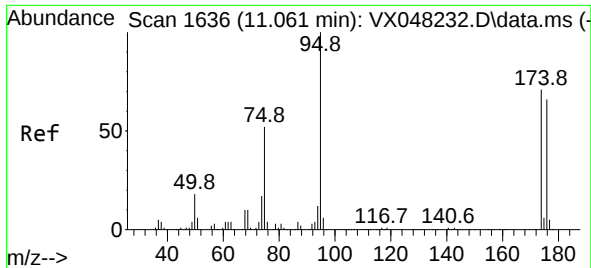
Tgt Ion: 63 Resp: 232
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 14.826 ug/l
RT: 9.463 min Scan# 1374
Delta R.T. 0.048 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 43 Resp: 15107
Ion Ratio Lower Upper
43 100
58 22.8 26.3 78.8#

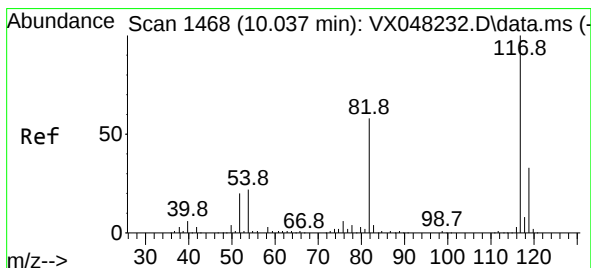
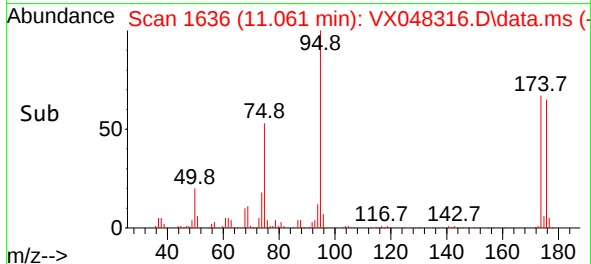
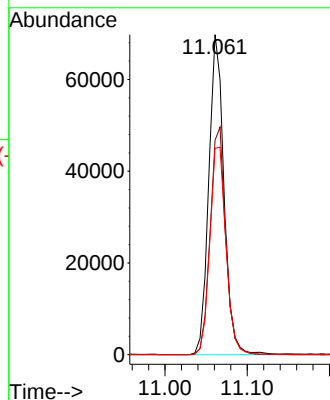
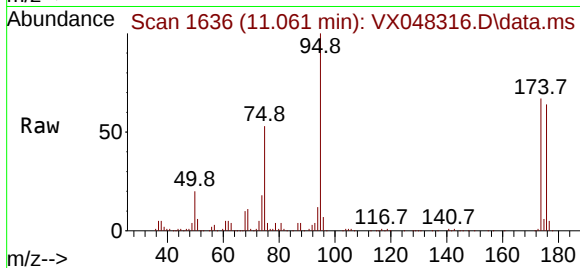




#62
4-Bromofluorobenzene
Concen: 51.302 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

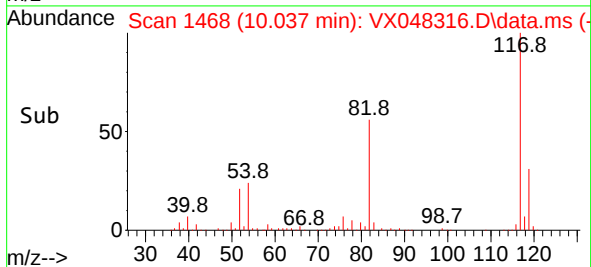
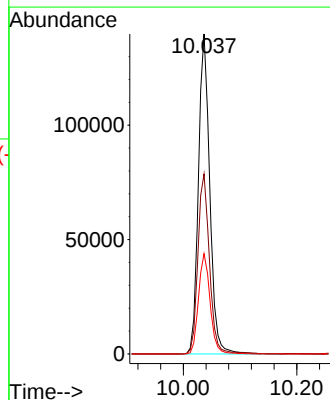
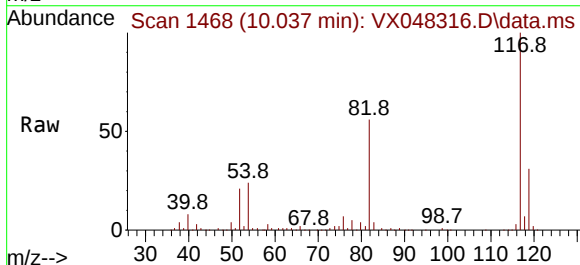
Instrument :
MSVOA_X
ClientSampleId :
SB-1

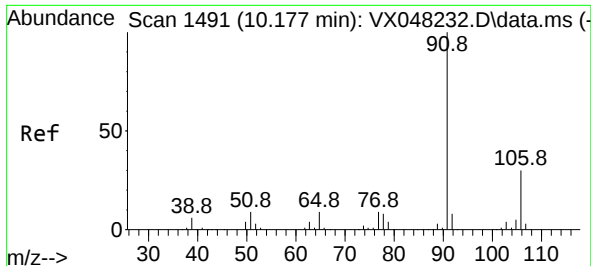
Tgt Ion: 95 Resp: 89596
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.8
176 69.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 117 Resp: 194077
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 31.3 25.9 38.9





#67

Ethyl Benzene

Concen: 63.826 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

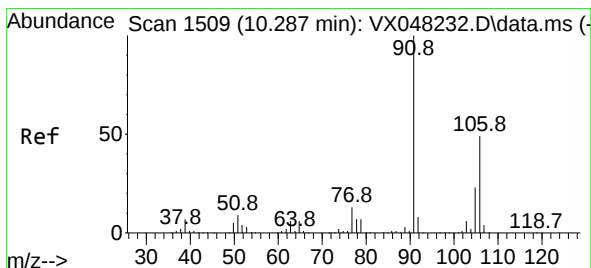
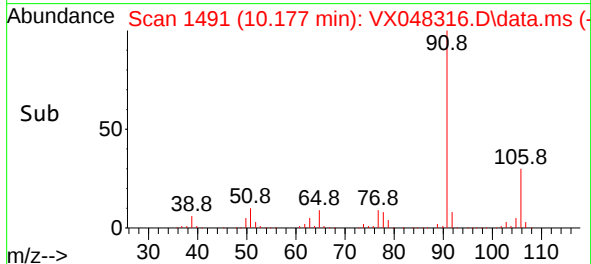
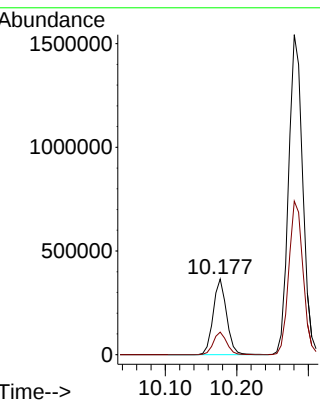
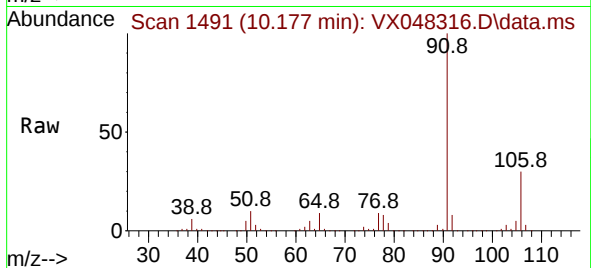
SB-1

Tgt Ion: 91 Resp: 474423

Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.6



#68

m/p-Xylenes

Concen: 370.230 ug/l

RT: 10.280 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048316.D

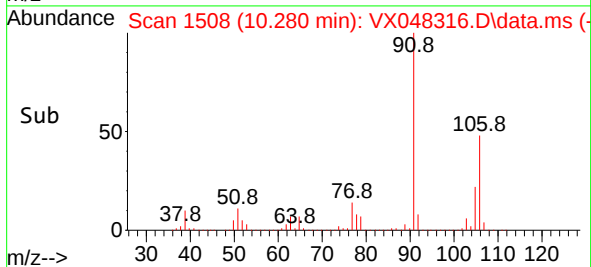
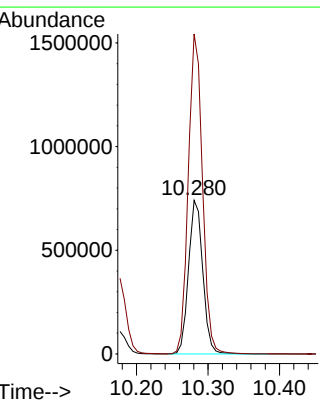
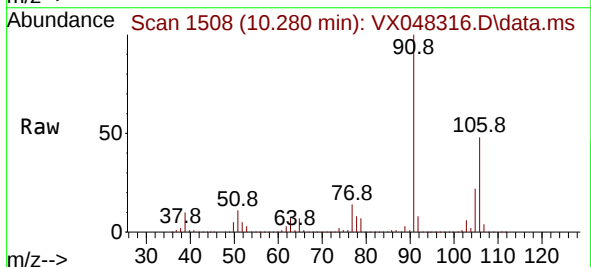
Acq: 23 Oct 2025 11:54

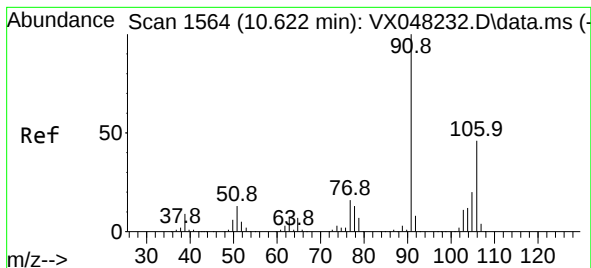
Tgt Ion:106 Resp: 1022483

Ion Ratio Lower Upper

106 100

91 207.2 167.9 251.9





#69

o-Xylene

Concen: 355.355 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

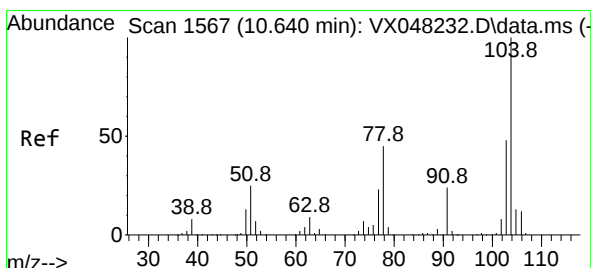
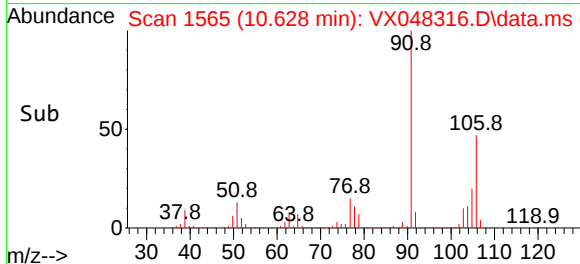
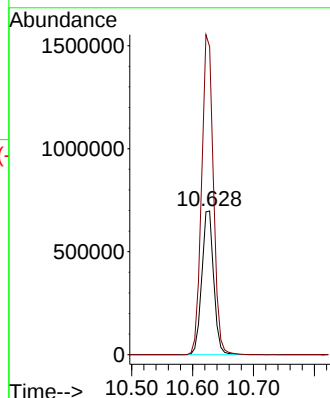
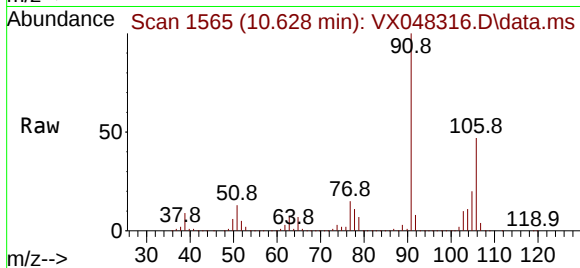
SB-1

Tgt Ion:106 Resp: 947483

Ion Ratio Lower Upper

106 100

91 220.4 111.3 333.9



#70

Styrene

Concen: 82.503 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

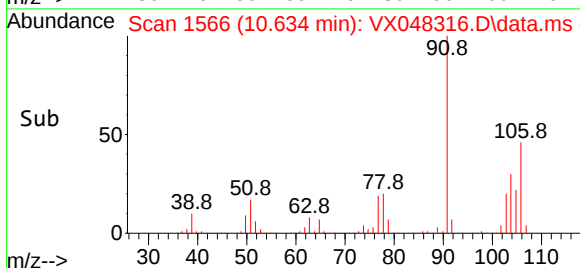
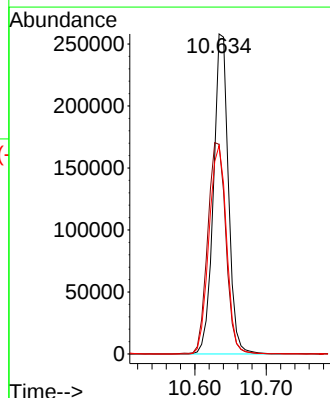
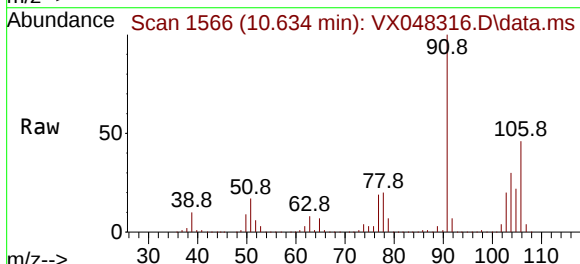
Tgt Ion:104 Resp: 374569

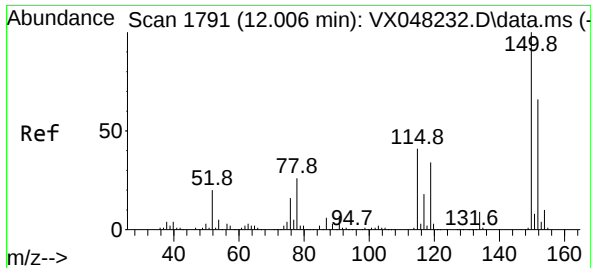
Ion Ratio Lower Upper

104 100

78 80.3 42.2 63.4#

103 76.4 43.0 64.4#

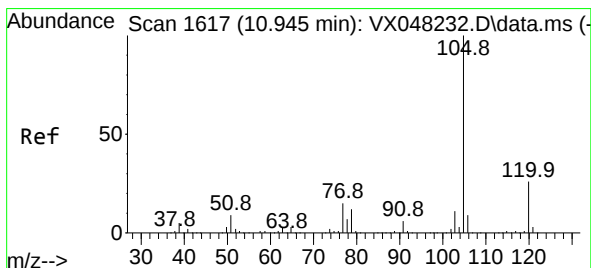
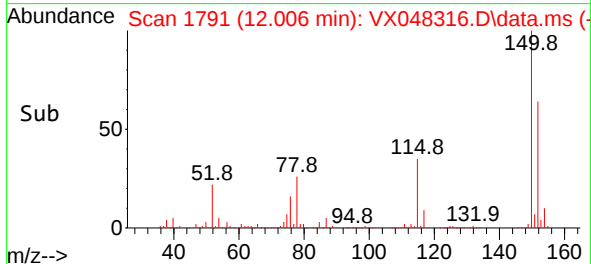
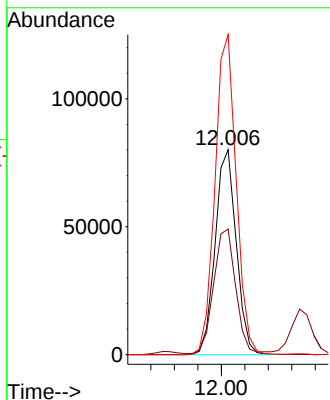
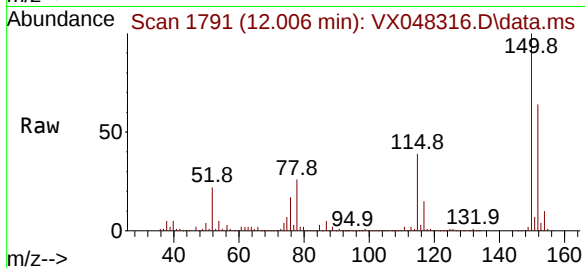




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

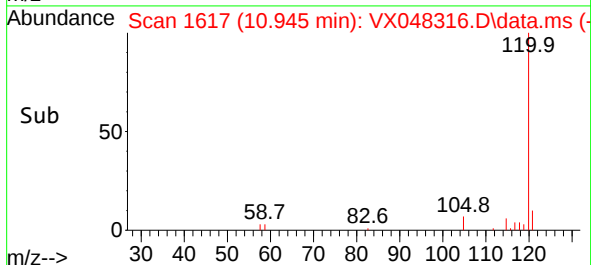
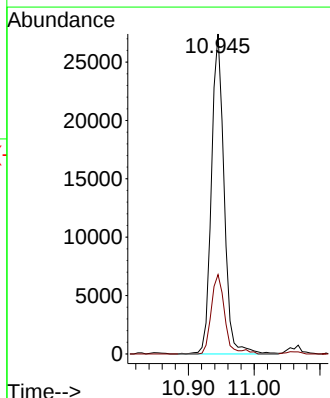
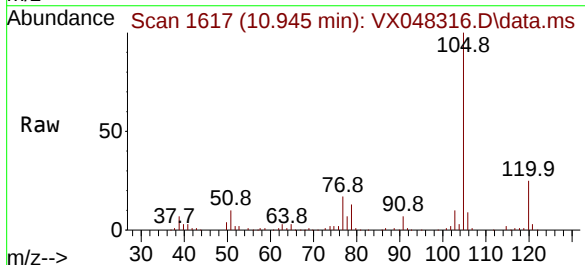
Instrument :
MSVOA_X
ClientSampleId :
SB-1

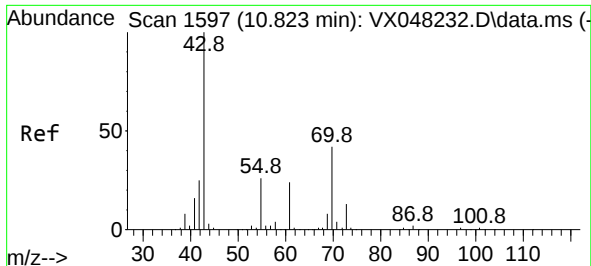
Tgt Ion:152 Resp: 99886
Ion Ratio Lower Upper
152 100
115 63.4 43.1 129.4
150 156.8 0.0 353.0



#73
Isopropylbenzene
Concen: 5.038 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:105 Resp: 36757
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

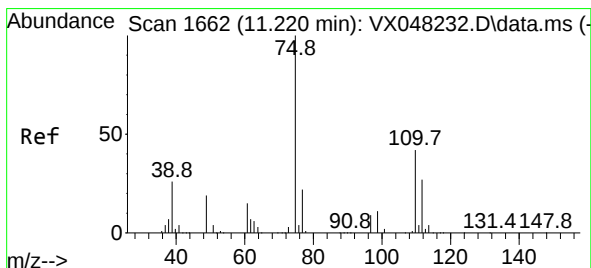
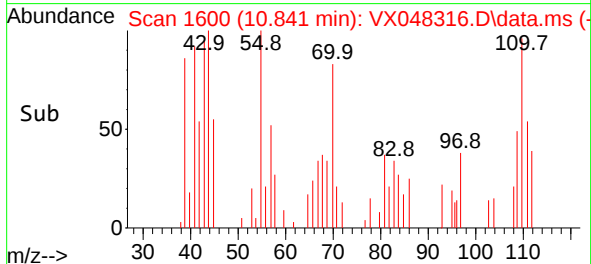
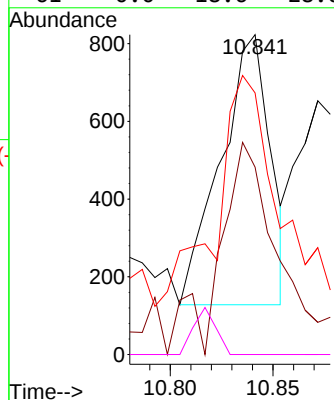
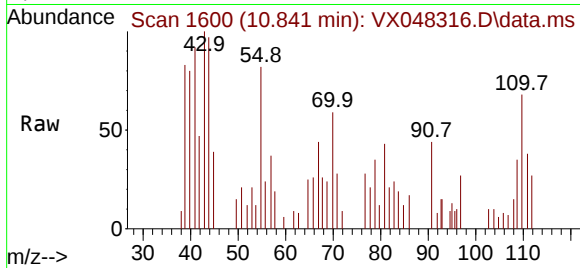




#74
N-amy1 acetate
Concen: 0.452 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.018 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

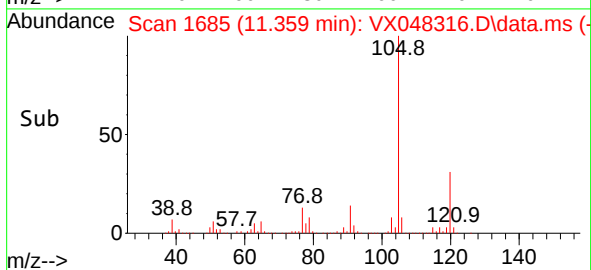
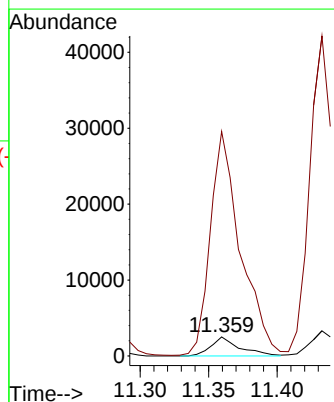
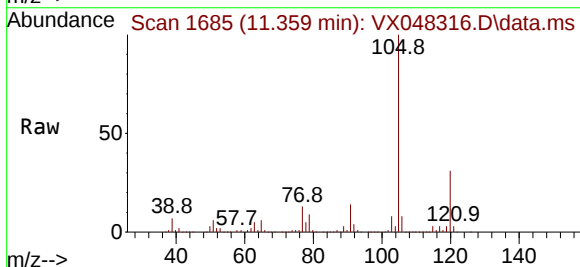
Instrument :
MSVOA_X
ClientSampleId :
SB-1

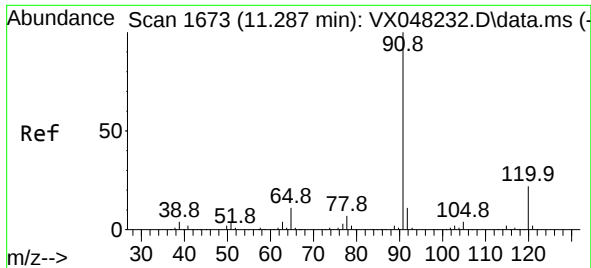
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
70 93.7 32.2 48.2#
55 113.9 19.1 28.7#
61 0.0 18.6 28.0#



#76
1,2,3-Trichloropropane
Concen: 2.243 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.140 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 75 Resp: 3634
Ion Ratio Lower Upper
75 100
77 1252.4 22.4 67.2#

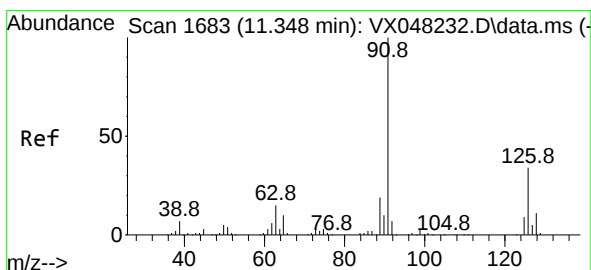
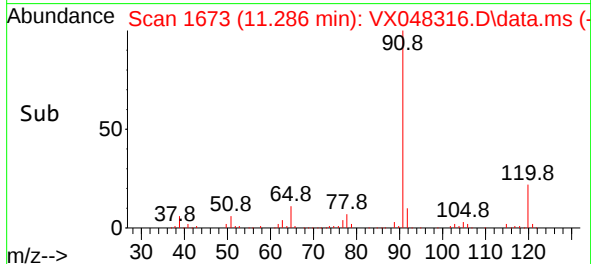
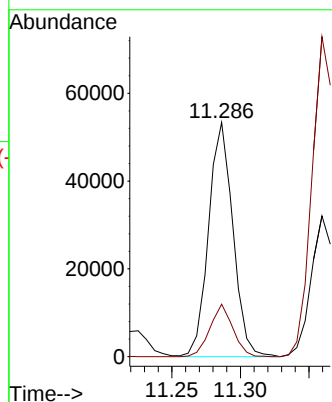
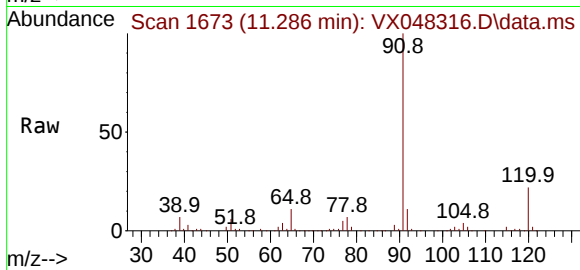




#78
n-propylbenzene
Concen: 7.812 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

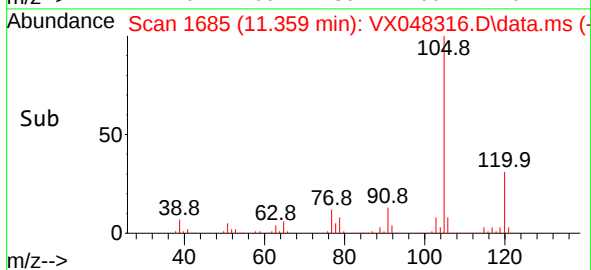
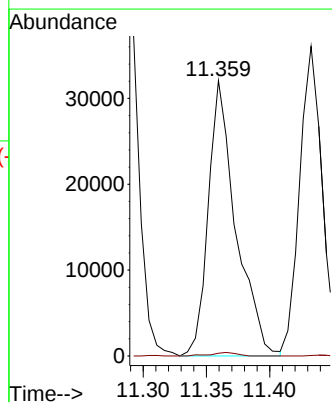
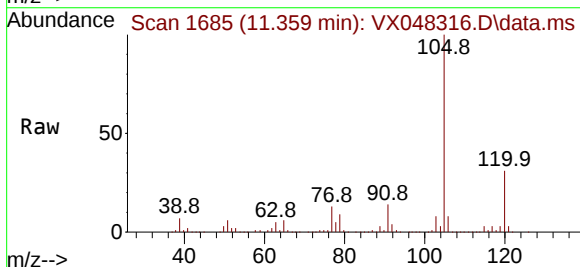
Instrument :
MSVOA_X
ClientSampleId :
SB-1

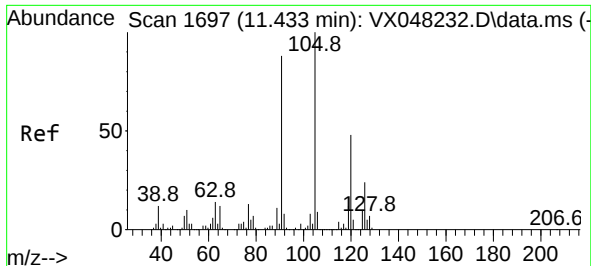
Tgt Ion: 91 Resp: 65986
Ion Ratio Lower Upper
91 100
120 21.1 11.1 33.1



#79
2-Chlorotoluene
Concen: 9.511 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 91 Resp: 48711
Ion Ratio Lower Upper
91 100
126 1.1 16.4 49.4#

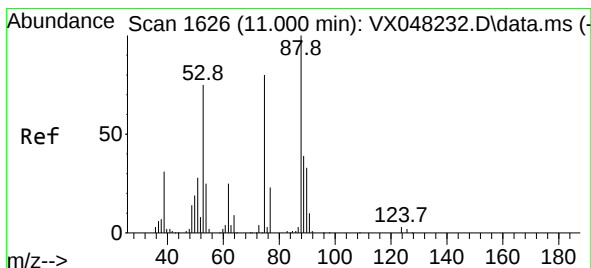
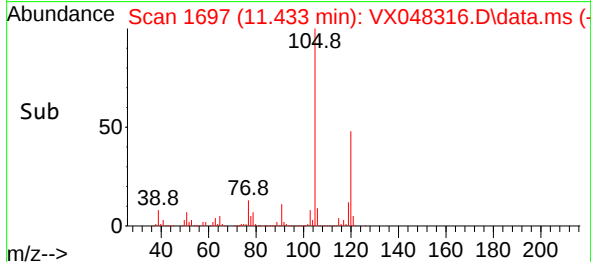
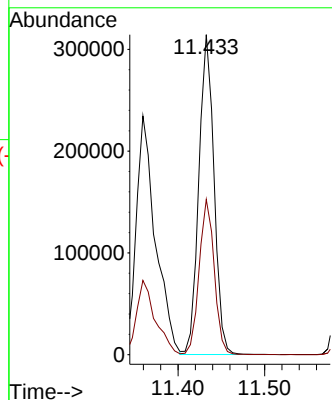
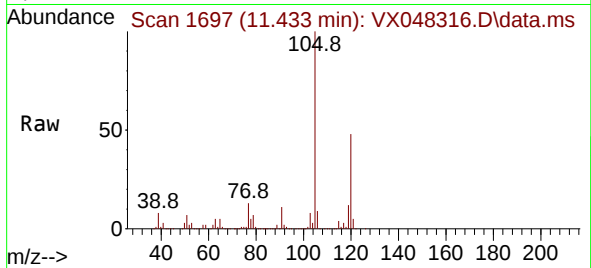




#80
1,3,5-Trimethylbenzene
Concen: 63.277 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

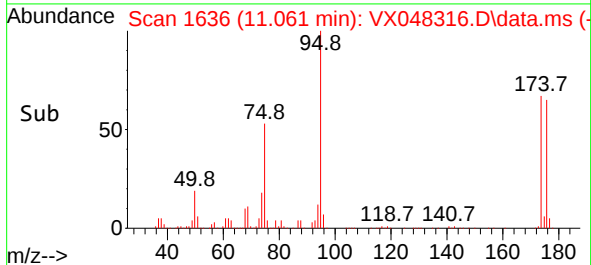
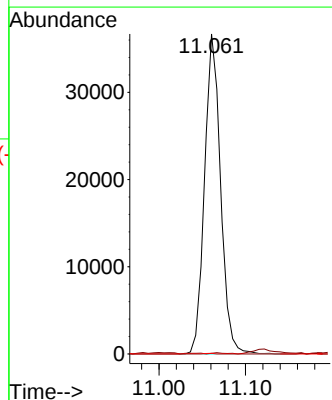
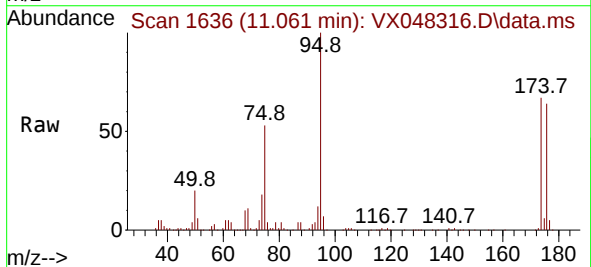
Instrument :
MSVOA_X
ClientSampleId :
SB-1

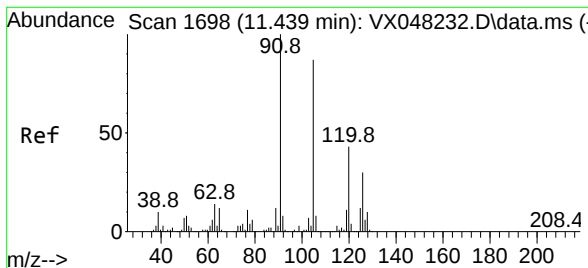
Tgt Ion:105 Resp: 382036
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 70.725 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 75 Resp: 47088
Ion Ratio Lower Upper
75 100
53 0.3 79.5 119.3#
89 0.0 36.8 55.2#

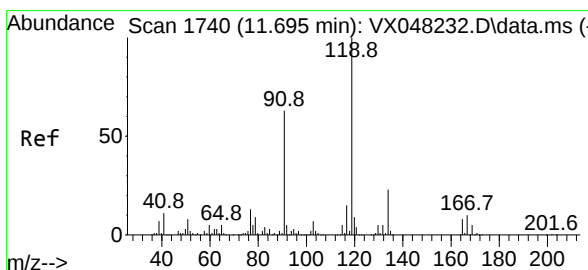
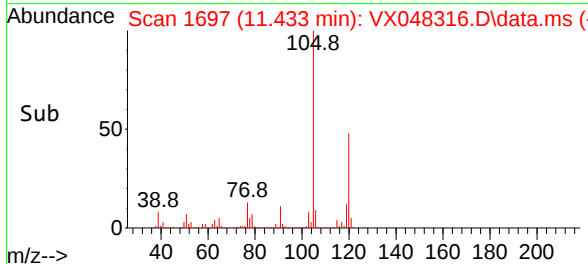
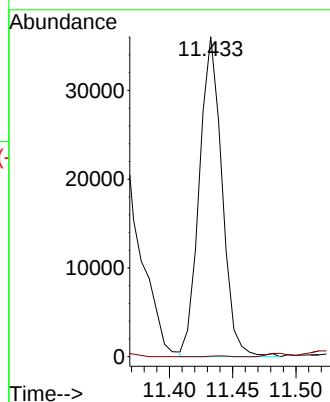
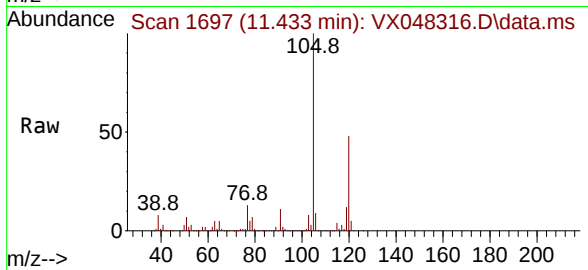




#82
4-Chlorotoluene
Concen: 7.394 ug/l
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

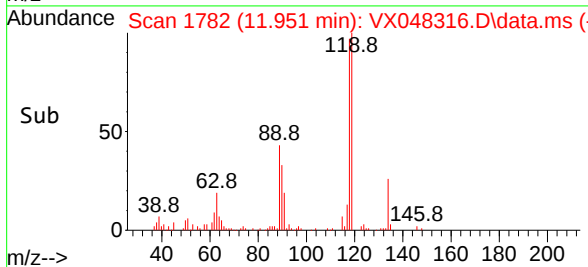
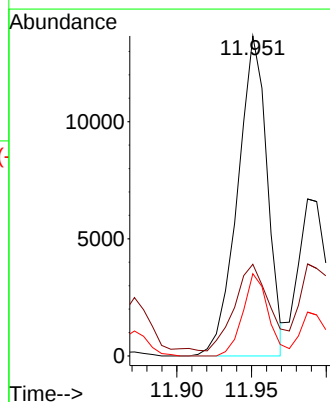
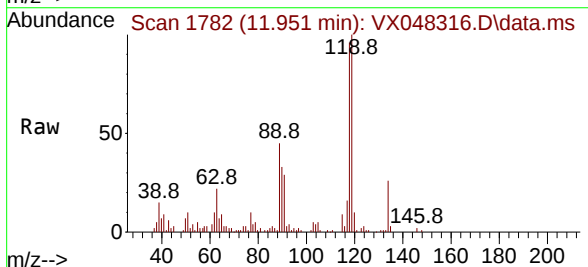
Instrument :
MSVOA_X
ClientSampleId :
SB-1

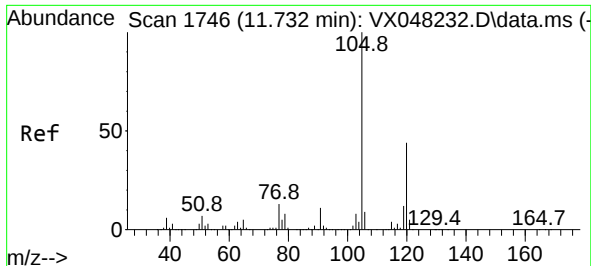
Tgt Ion: 91 Resp: 44955
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#



#83
tert-Butylbenzene
Concen: 3.035 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.256 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion: 119 Resp: 18828
Ion Ratio Lower Upper
119 100
91 30.6 30.3 91.0
134 21.7 11.4 34.2

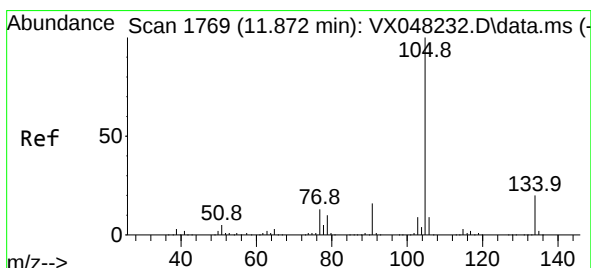
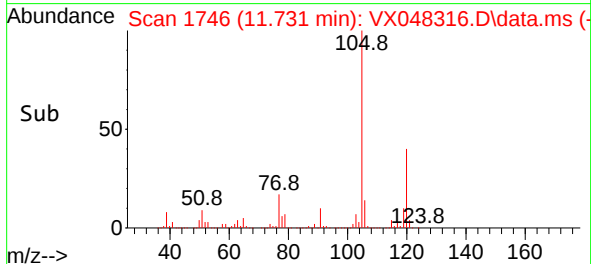
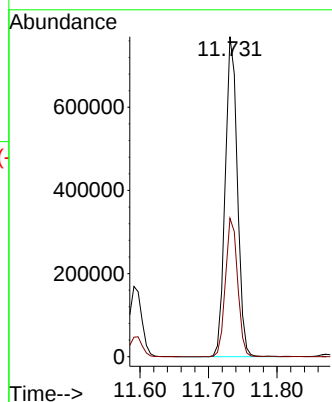
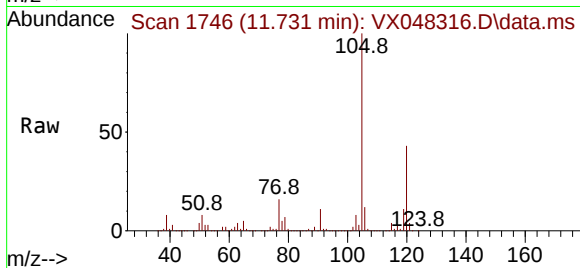




#84
1,2,4-Trimethylbenzene
Concen: 156.402 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

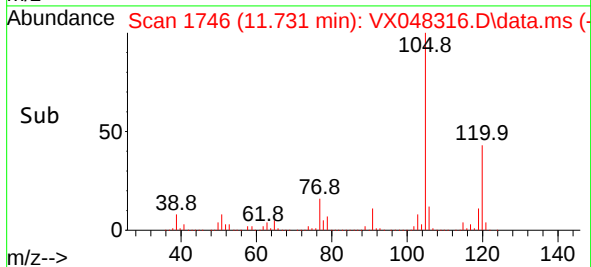
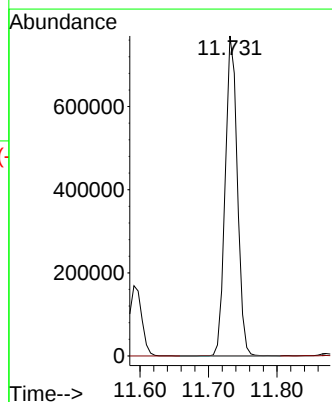
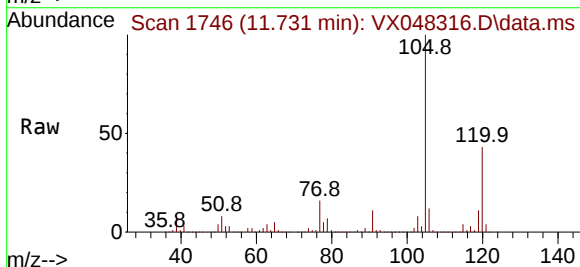
Instrument :
MSVOA_X
ClientSampleId :
SB-1

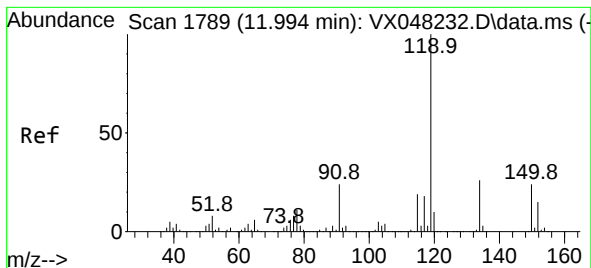
Tgt Ion:105 Resp: 942383
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.5



#85
sec-Butylbenzene
Concen: 126.269 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.141 min
Lab File: VX048316.D
Acq: 23 Oct 2025 11:54

Tgt Ion:105 Resp: 942383
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 2.919 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.037 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

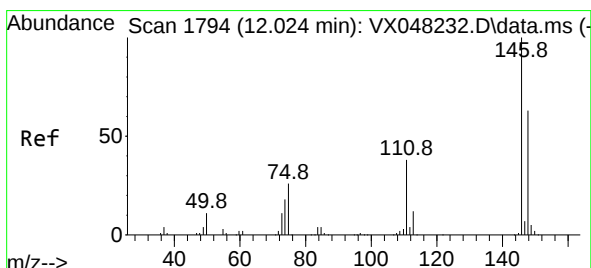
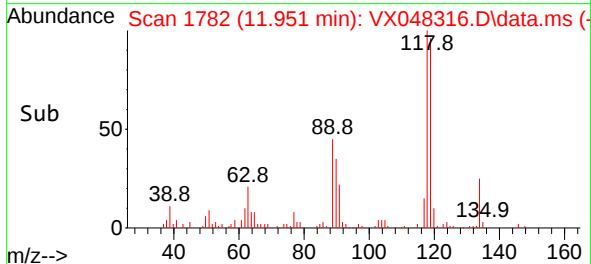
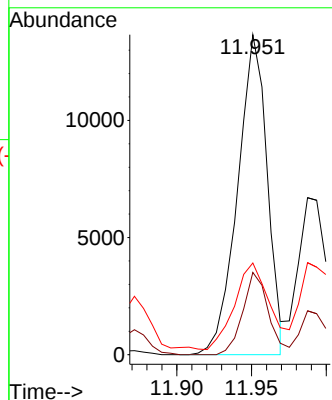
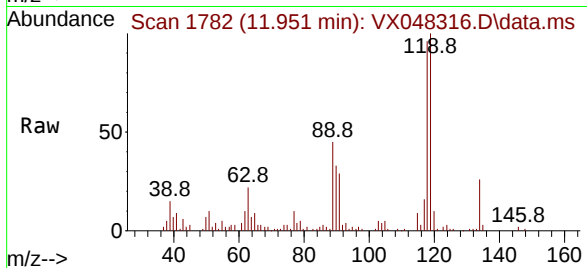
Tgt Ion:119 Resp: 18828

Ion Ratio Lower Upper

119 100

134 22.3 13.0 39.0

91 32.0 12.1 36.3



#88

1,4-Dichlorobenzene

Concen: 0.222 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

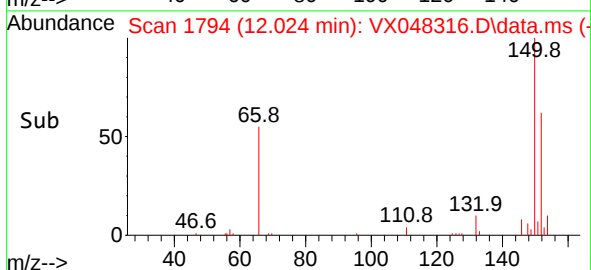
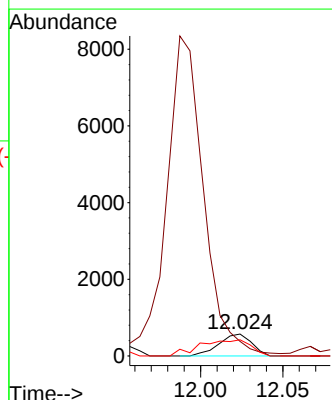
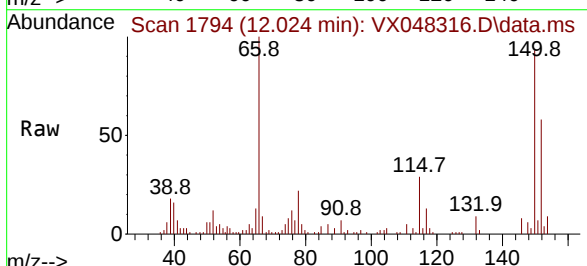
Tgt Ion:146 Resp: 792

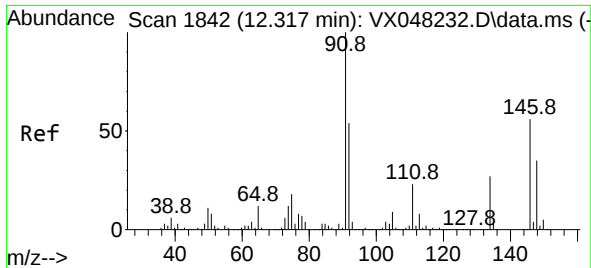
Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.2#

148 114.8 31.8 95.3#





#89

n-Butylbenzene

Concen: 2.499 ug/l

RT: 12.304 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

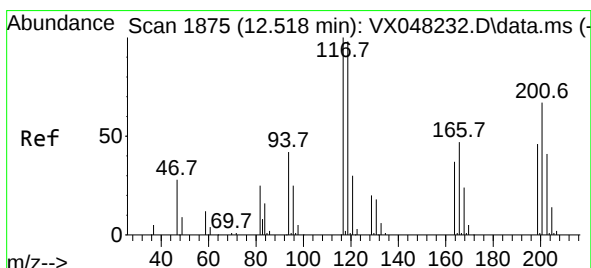
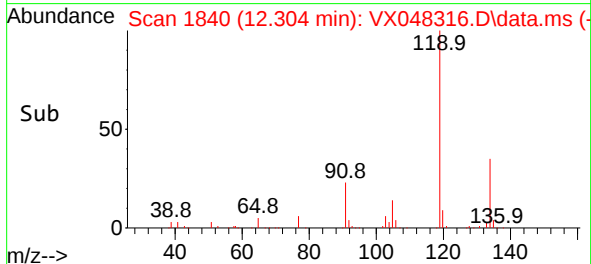
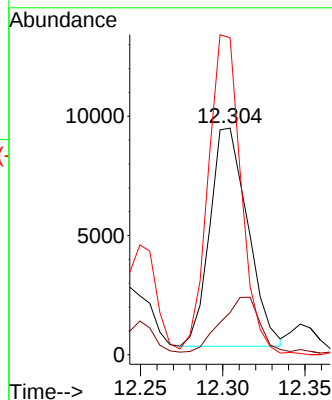
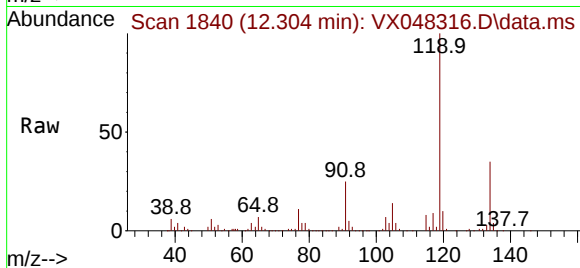
Tgt Ion: 91 Resp: 14672

Ion Ratio Lower Upper

91 100

92 26.4 26.9 80.6#

134 128.1 12.7 38.1#



#90

Hexachloroethane

Concen: 9.235 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. 0.012 min

Lab File: VX048316.D

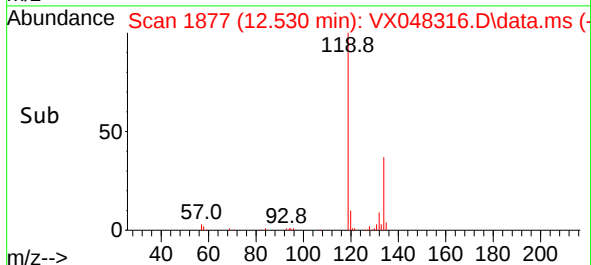
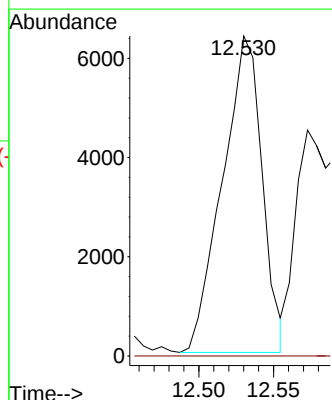
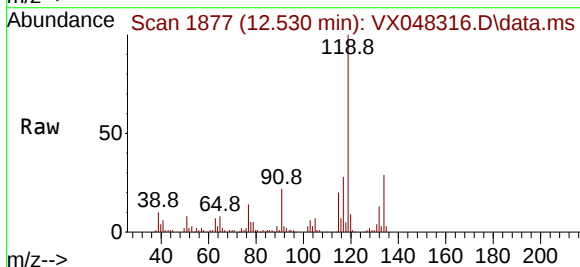
Acq: 23 Oct 2025 11:54

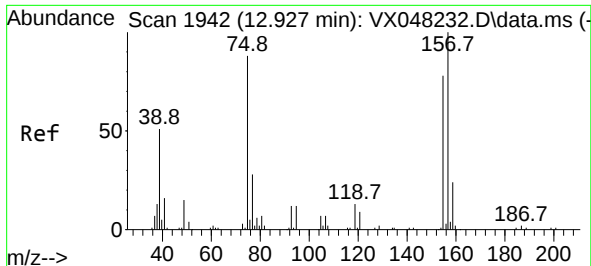
Tgt Ion: 117 Resp: 11765

Ion Ratio Lower Upper

117 100

201 0.0 34.1 102.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.784 ug/l

RT: 12.902 min Scan# 1938

Delta R.T. -0.019 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

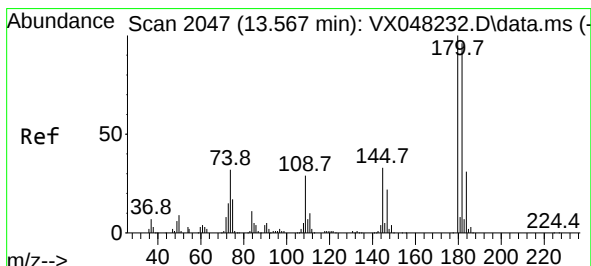
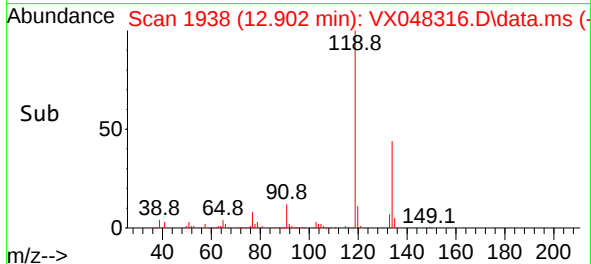
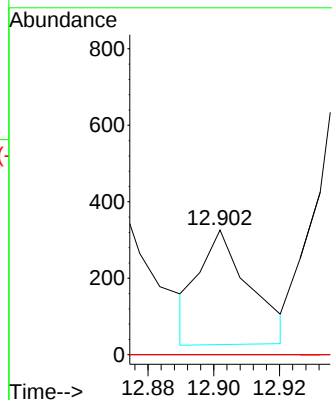
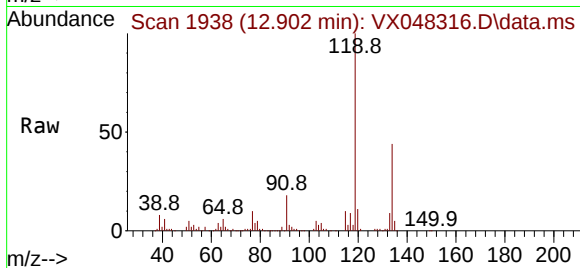
Tgt Ion: 75 Resp: 317

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.4#

157 0.0 54.2 162.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.301 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

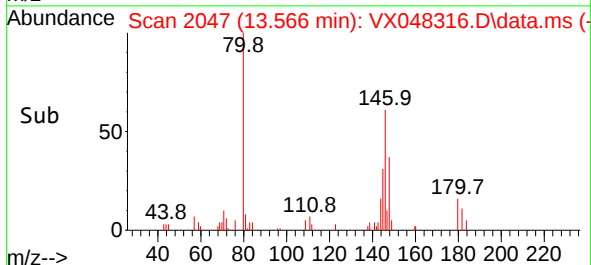
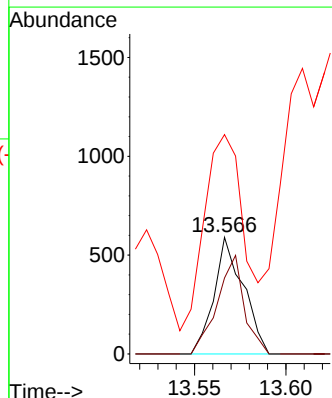
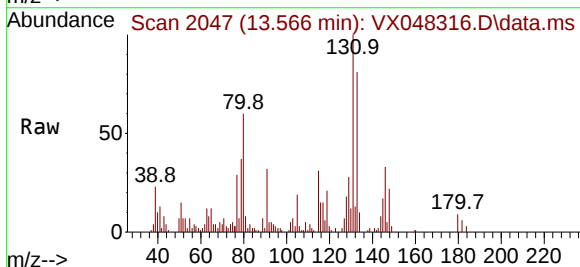
Tgt Ion: 180 Resp: 658

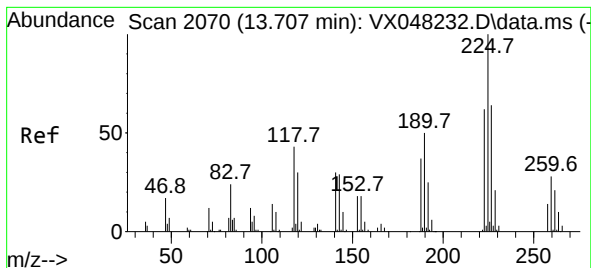
Ion Ratio Lower Upper

180 100

182 77.7 47.3 142.0

145 236.6 16.3 48.9#





#94

Hexachlorobutadiene

Concen: 0.594 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

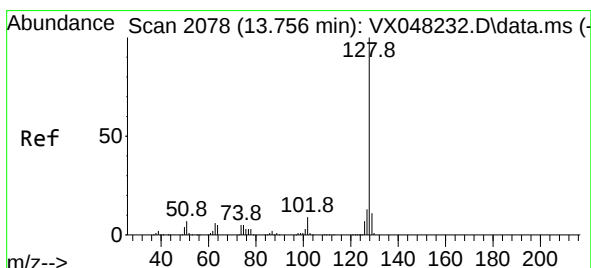
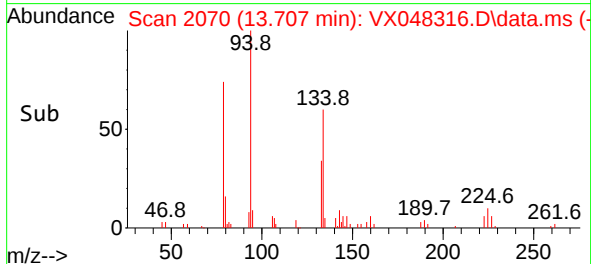
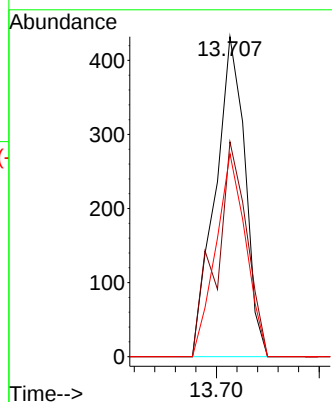
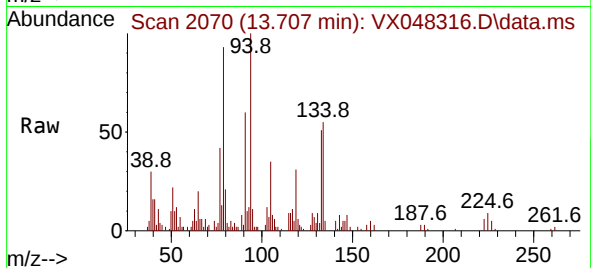
Instrument :

MSVOA_X

ClientSampleId :

SB-1

Tgt Ion:	225	Resp:	433
Ion	Ratio	Lower	Upper
225	100		
223	69.3	32.6	97.7
227	64.0	32.5	97.4



#95

Naphthalene

Concen: 1072.433 ug/l

RT: 13.761 min Scan# 2079

Delta R.T. 0.006 min

Lab File: VX048316.D

Acq: 23 Oct 2025 11:54

Tgt Ion:	128	Resp:	6221346
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.6	8.6	12.8

