

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044377.D
 Acq On : 18 Dec 2024 12:48
 Operator : JC/MD
 Sample : VX1218WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 00:42:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

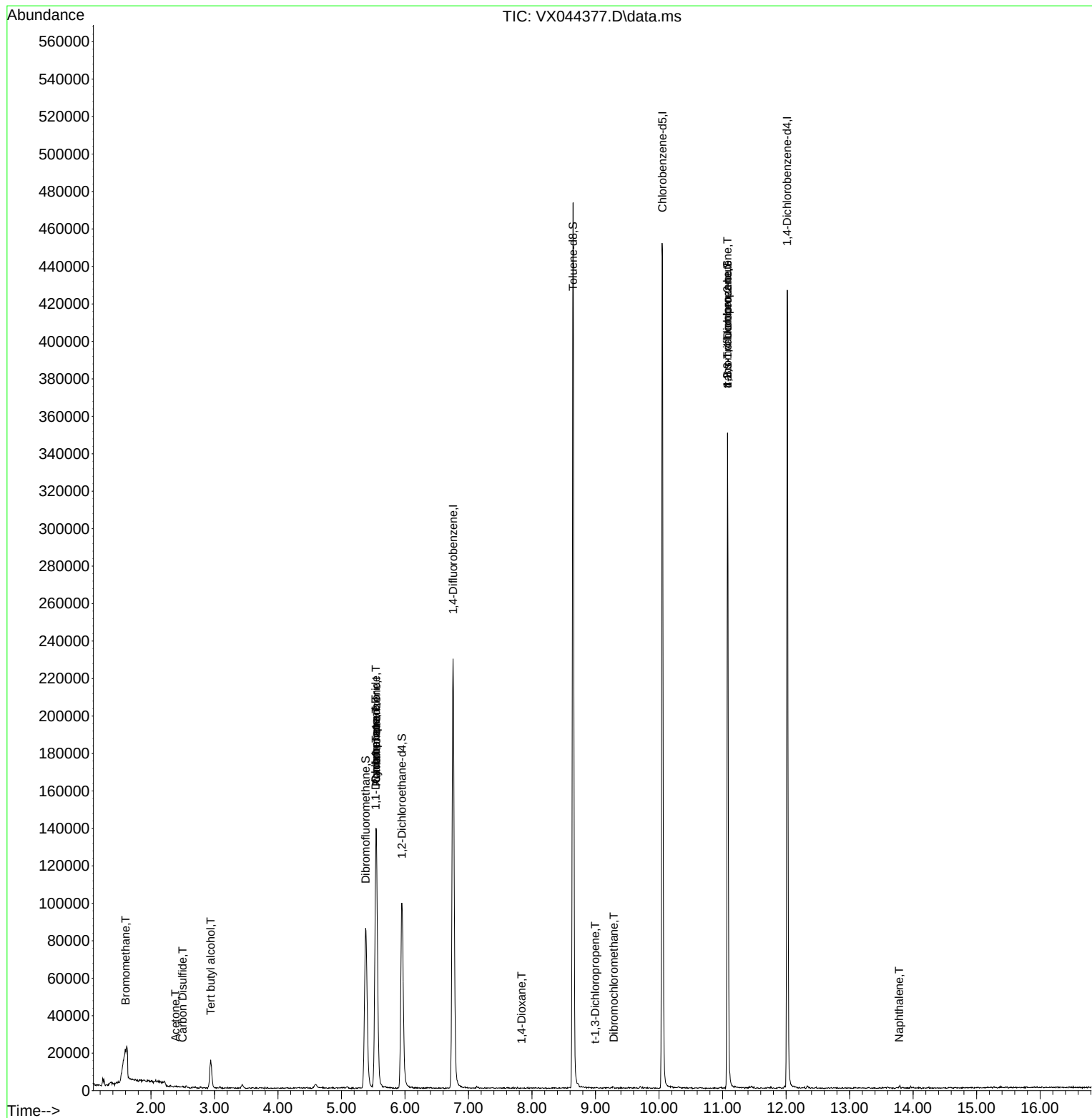
Internal Standards						
1) Pentafluorobenzene	5.550	168	123193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98598	45.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.300%
35) Dibromofluoromethane	5.379	113	75023	47.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	275354	51.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.079	95	88658	47.211	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.420%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	584	0.434	ug/l #	68
11) Tert butyl alcohol	2.941	59	8378	27.521	ug/l #	71
16) Acetone	2.386	43	570	0.647	ug/l #	82
17) Carbon Disulfide	2.496	76	844	0.322	ug/l #	75
31) Cyclohexane	5.544	56	3578	1.535	ug/l #	36
36) 1,1-Dichloropropene	5.538	75	11267	5.472	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13450	6.067	ug/l #	18
49) 1,4-Dioxane	7.836	88	25	0.781	ug/l #	32
53) t-1,3-Dichloropropene	8.994	75	68	1.026	ug/l #	41
60) Dibromochloromethane	9.287	129	78	1.279	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	50345	27.229	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	50345	74.898	ug/l #	4
95) Naphthalene	13.780	128	1407	0.236	ug/l #	74

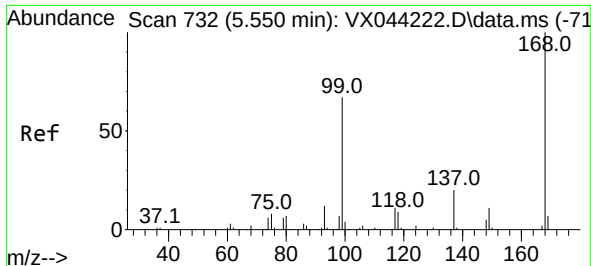
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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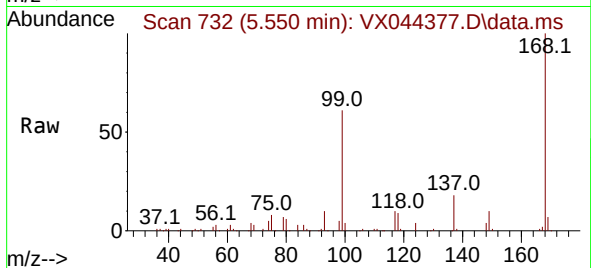


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

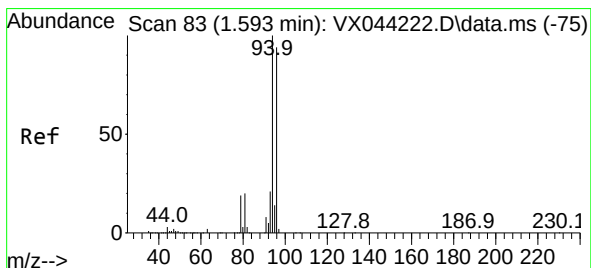
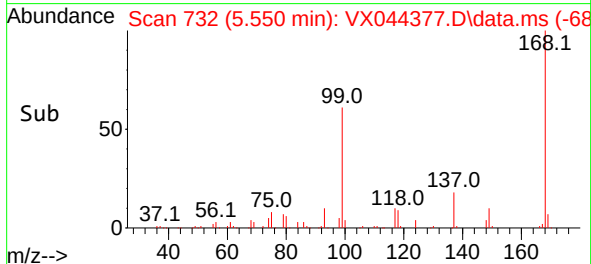
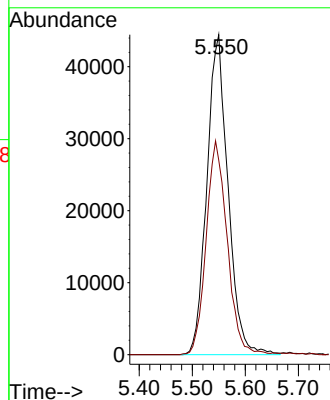
Instrument :

MSVOA_X

ClientSampleId :

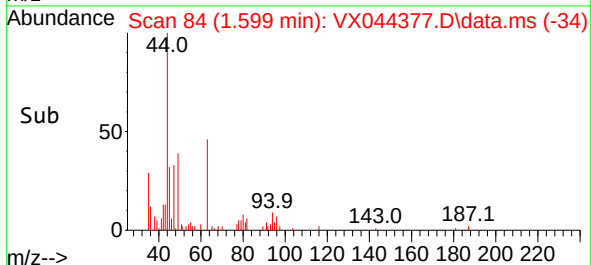
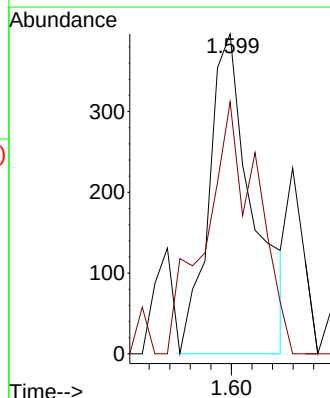
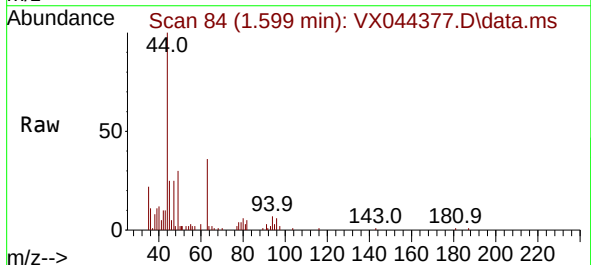


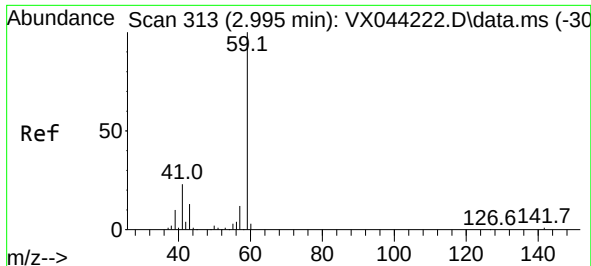
Tgt Ion:168 Resp: 123193
Ion Ratio Lower Upper
168 100
99 60.8 53.4 80.0



#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 62.6 74.9 112.3#

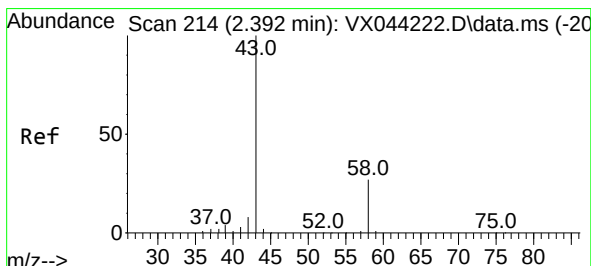
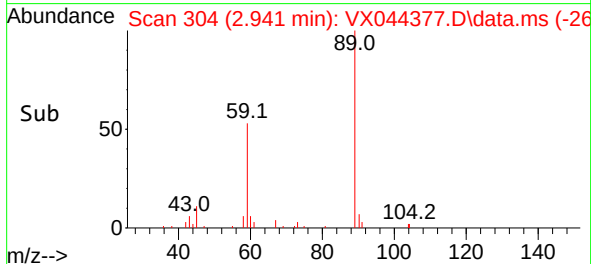
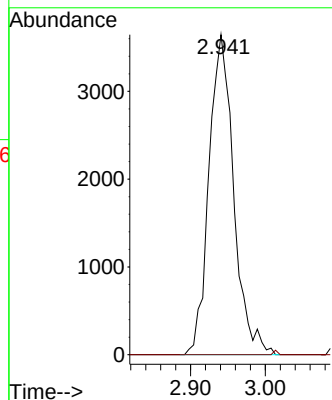
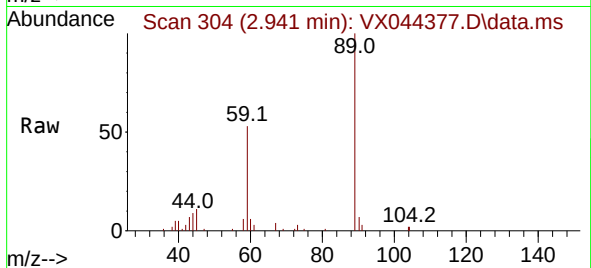




#11
Tert butyl alcohol
Concen: 27.521 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

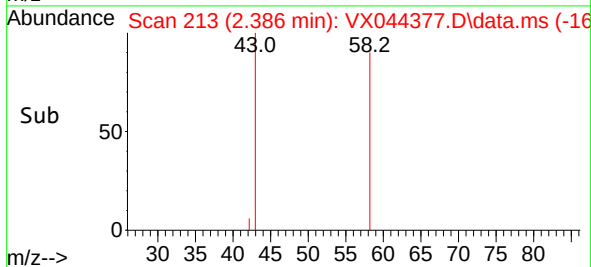
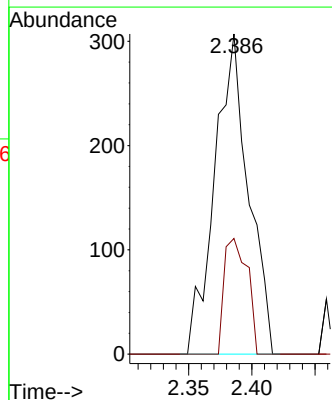
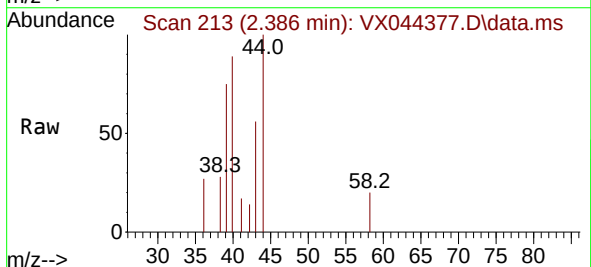
Instrument :
MSVOA_X
ClientSampleId :

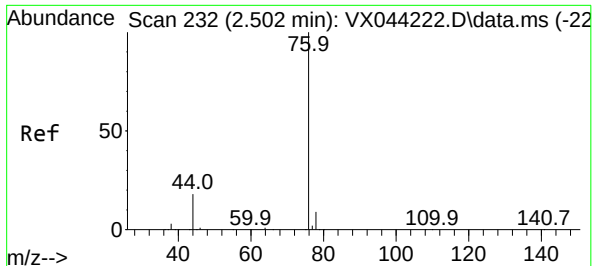
Tgt Ion: 59 Resp: 8378
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 0.647 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

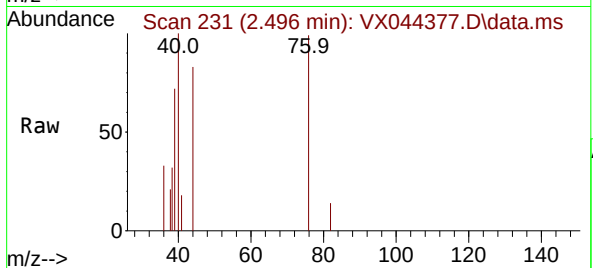
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 36.2 21.6 32.4#



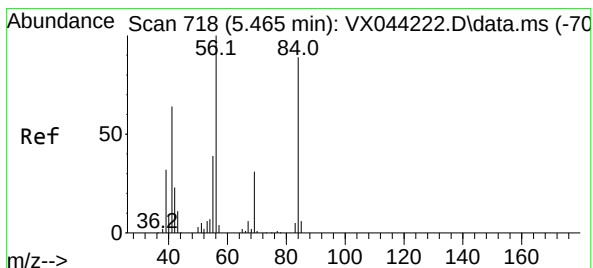
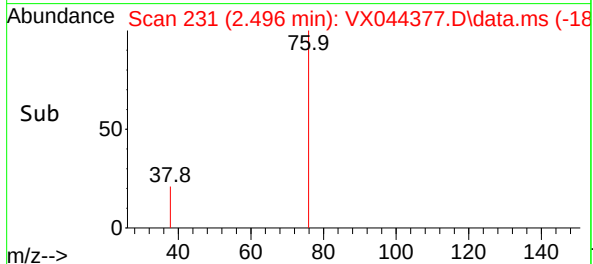
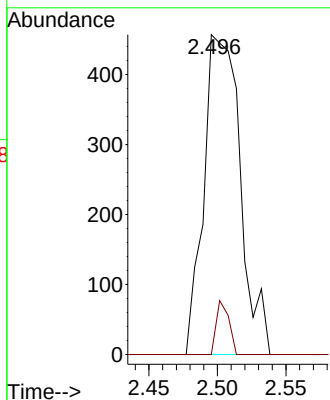


#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 2.496 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

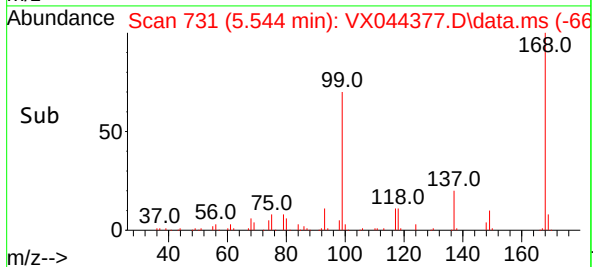
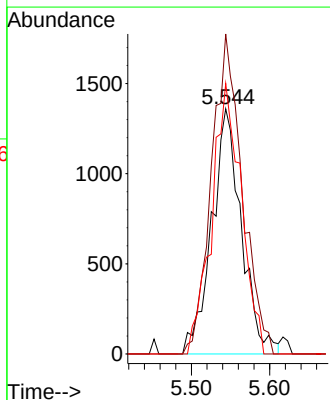
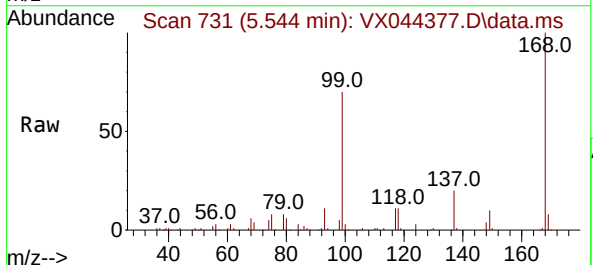


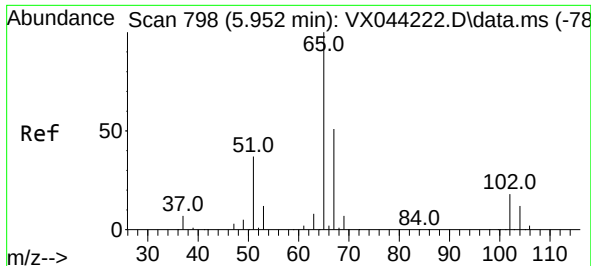
Tgt Ion: 76 Resp: 844
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.535 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Tgt Ion: 56 Resp: 3578
Ion Ratio Lower Upper
56 100
69 130.5 24.7 37.1#
84 110.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 45.648 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044377.D

Acq: 18 Dec 2024 12:48

Instrument :

MSVOA_X

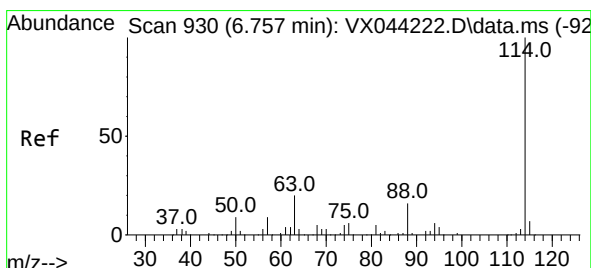
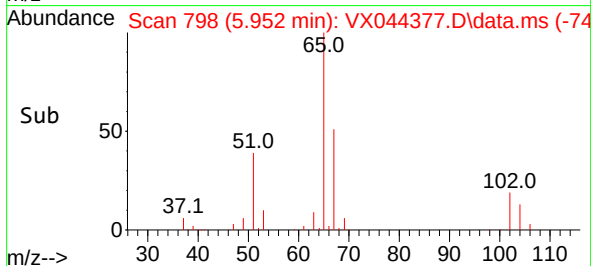
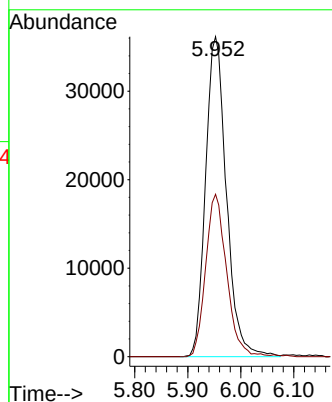
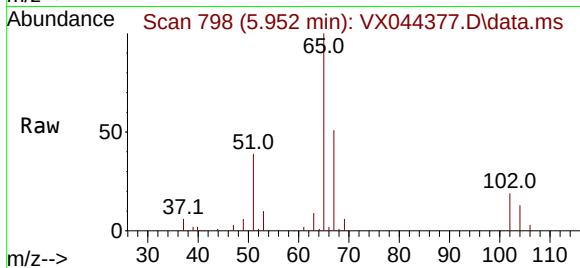
ClientSampleId :

Tgt Ion: 65 Resp: 98598

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044377.D

Acq: 18 Dec 2024 12:48

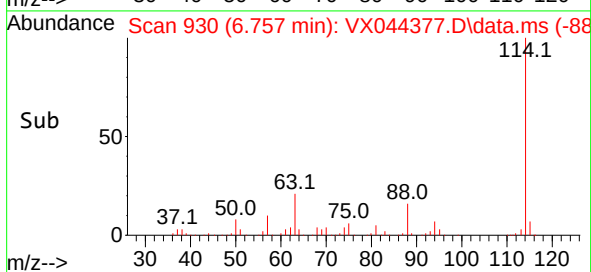
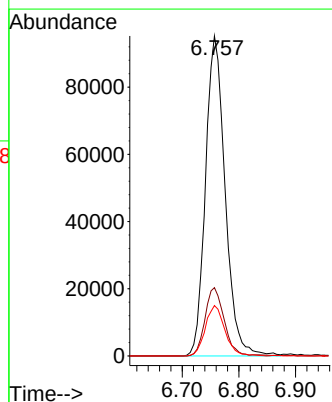
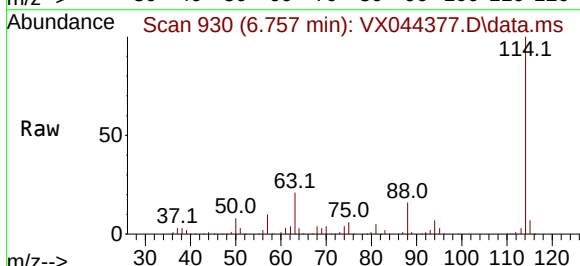
Tgt Ion: 114 Resp: 230004

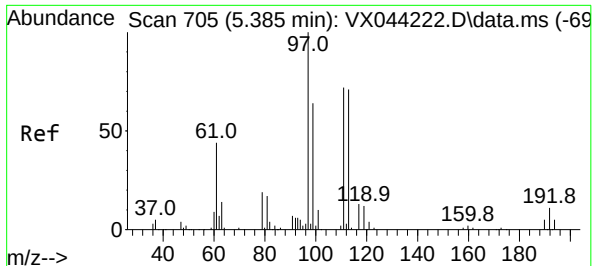
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

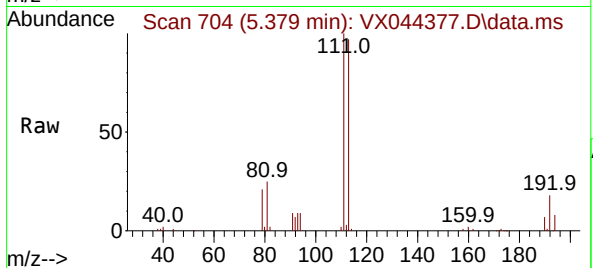
88 15.8 0.0 31.8



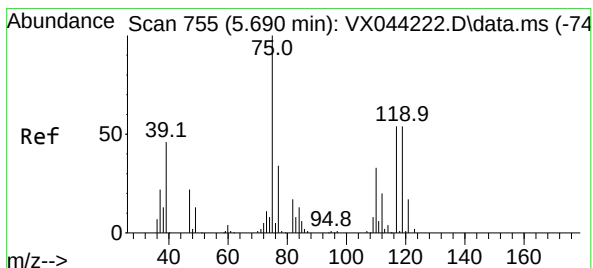
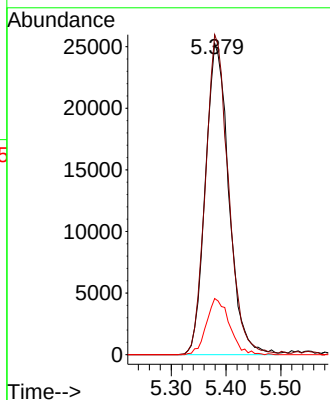
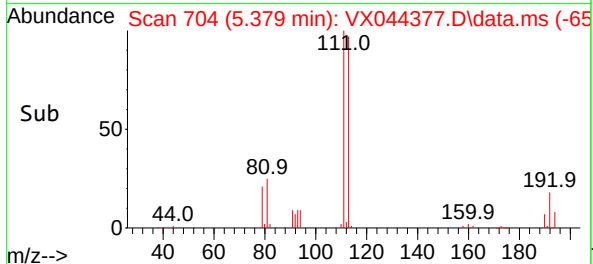


#35
Dibromofluoromethane
Concen: 47.096 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

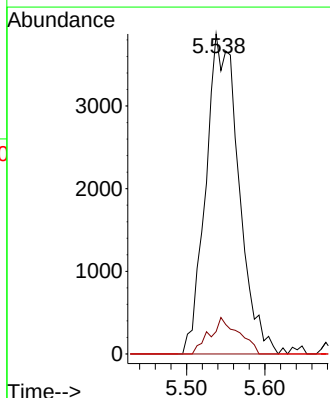
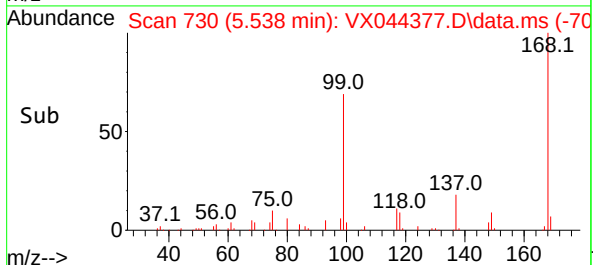
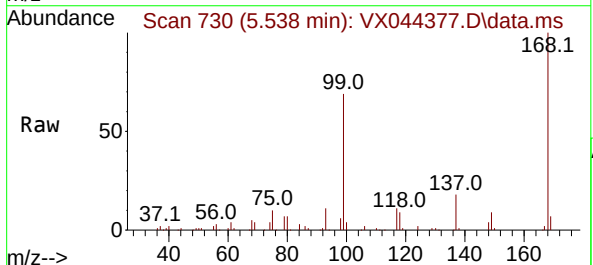


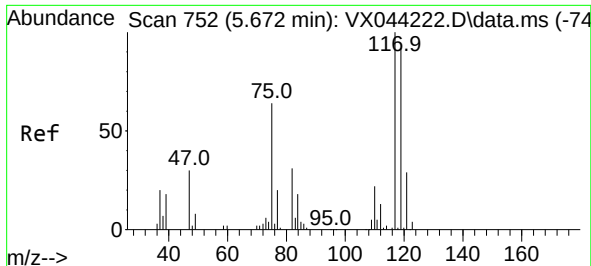
Tgt Ion:113 Resp: 75023
Ion Ratio Lower Upper
113 100
111 101.1 80.4 120.6
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.472 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

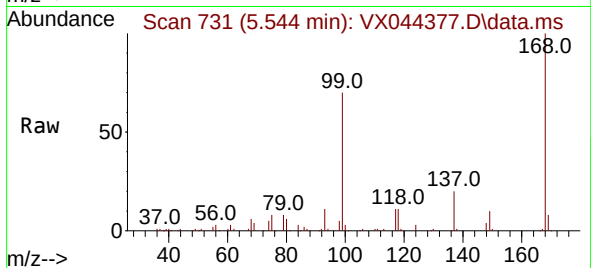
Tgt Ion: 75 Resp: 11267
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.7#
77 0.0 25.4 38.0#



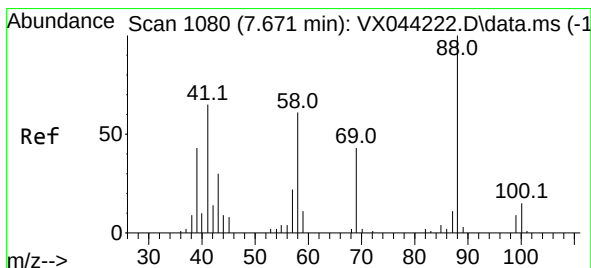
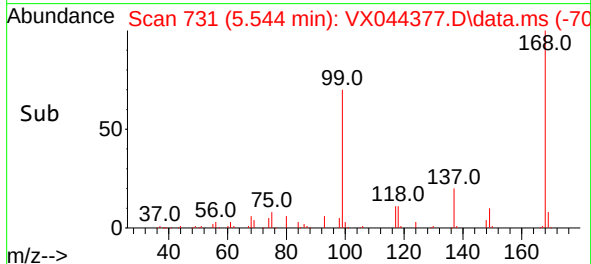
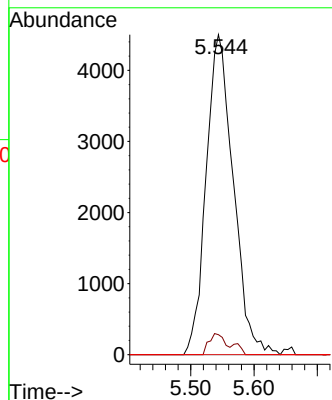


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Instrument :
MSVOA_X
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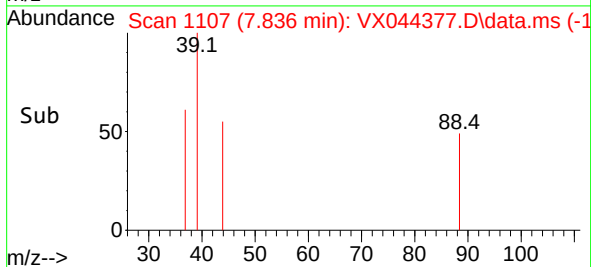
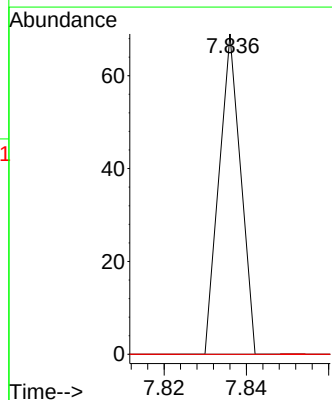
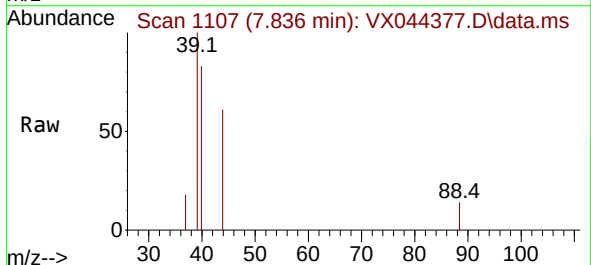


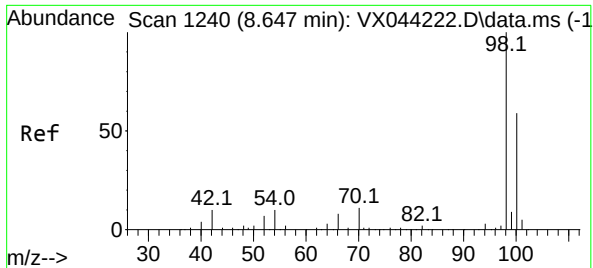
Tgt Ion:117 Resp: 13450
Ion Ratio Lower Upper
117 100
119 6.2 74.2 111.4#
121 0.0 23.0 34.6#



#49
1,4-Dioxane
Concen: 0.781 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.165 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 0.0 41.0 61.4#

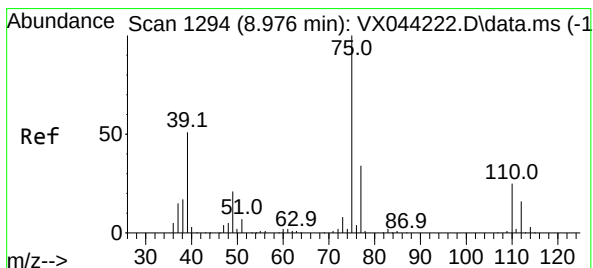
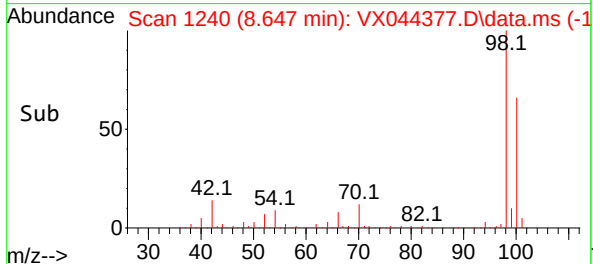
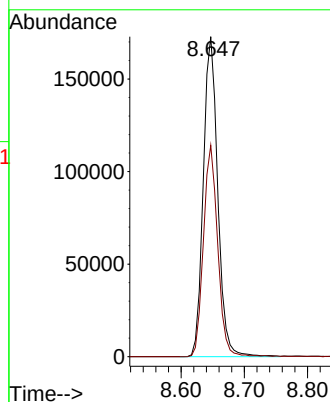
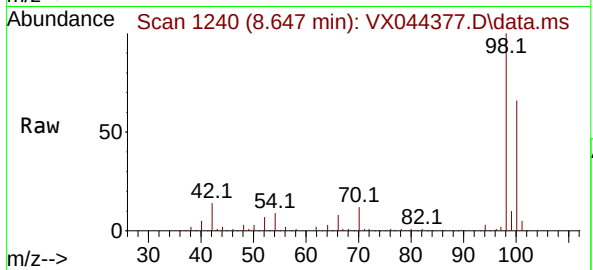




#50
Toluene-d8
Concen: 51.235 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

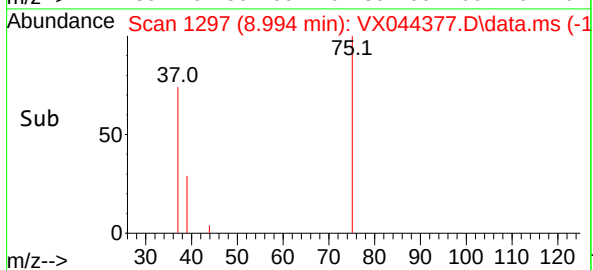
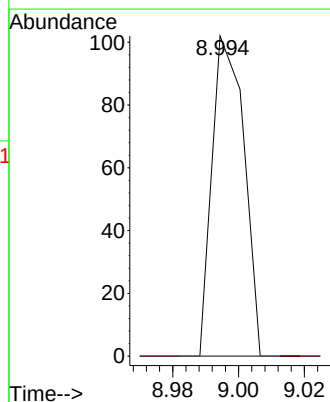
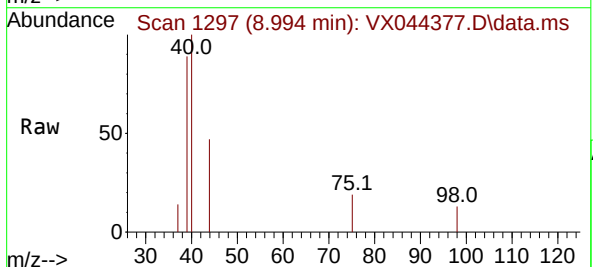
Instrument :
MSVOA_X
ClientSampleId :

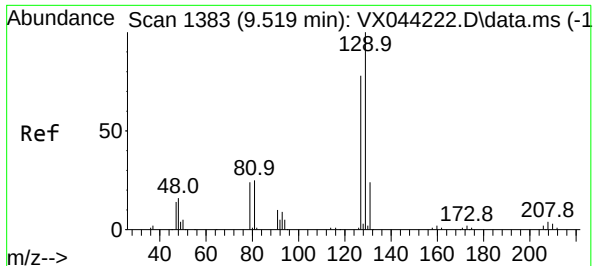
Tgt Ion: 98 Resp: 275354
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.026 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

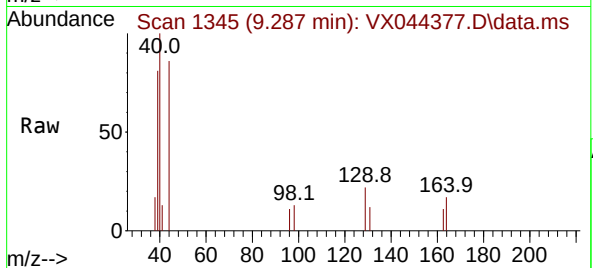
Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#



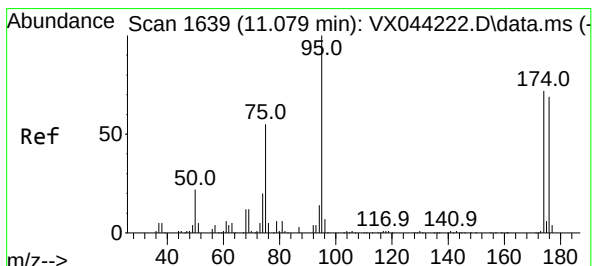
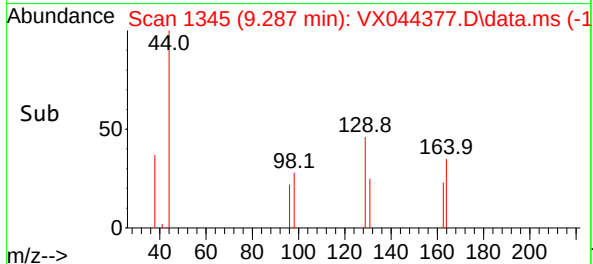
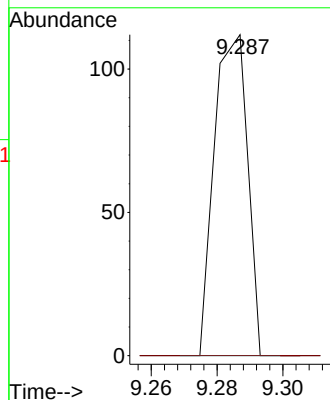


#60
Dibromochloromethane
Concen: 1.279 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.232 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

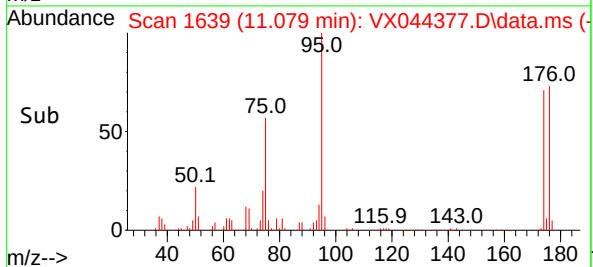
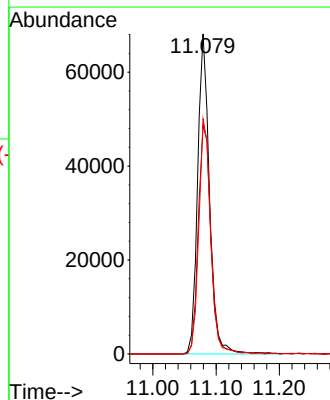
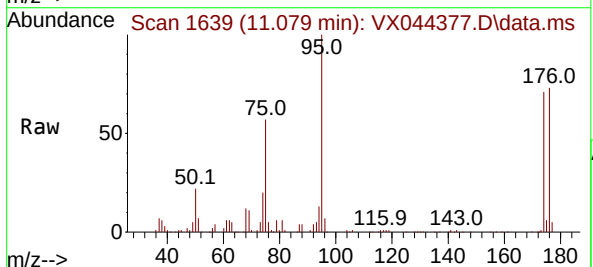


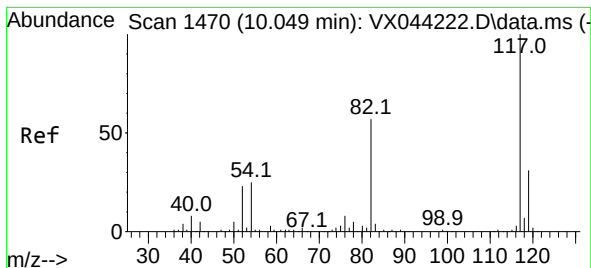
Tgt Ion:129 Resp: 78
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Tgt Ion: 95 Resp: 88658
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.8
176 73.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044377.D

Acq: 18 Dec 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :

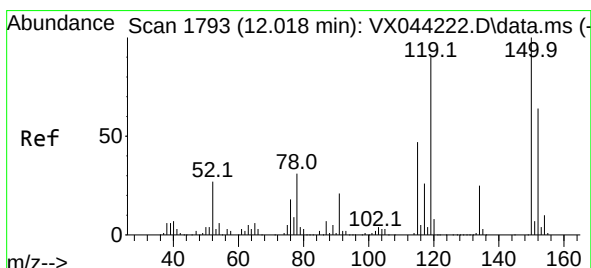
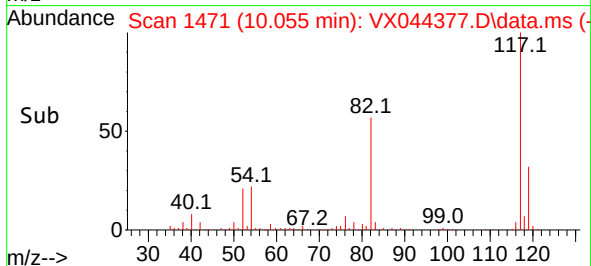
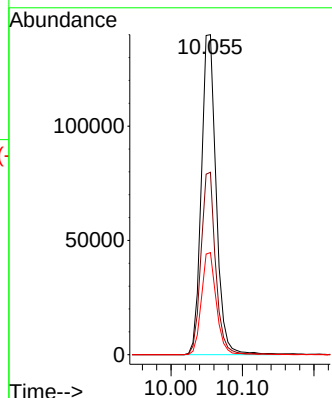
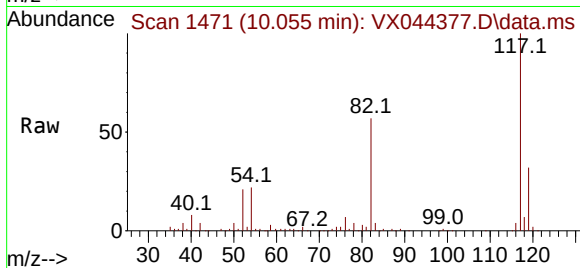
Tgt Ion:117 Resp: 201476

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.8

119 31.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044377.D

Acq: 18 Dec 2024 12:48

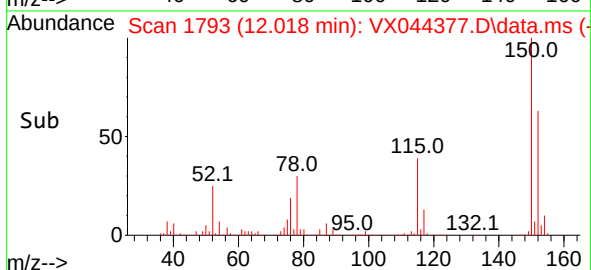
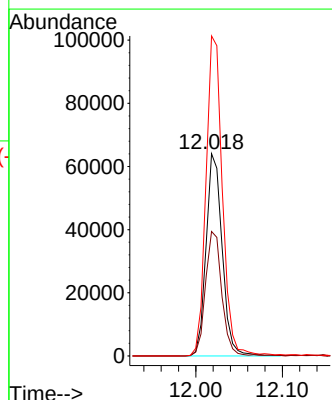
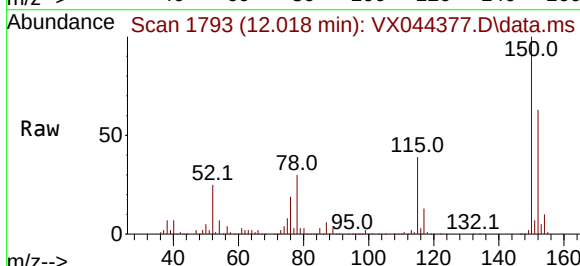
Tgt Ion:152 Resp: 82810

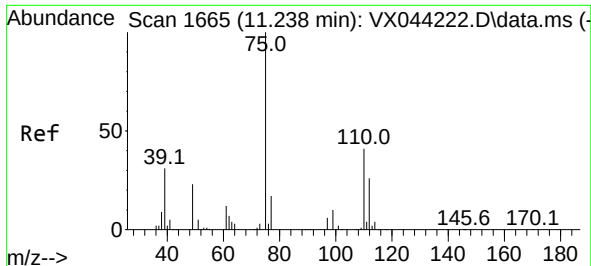
Ion Ratio Lower Upper

152 100

115 62.5 44.5 133.3

150 161.9 0.0 353.8

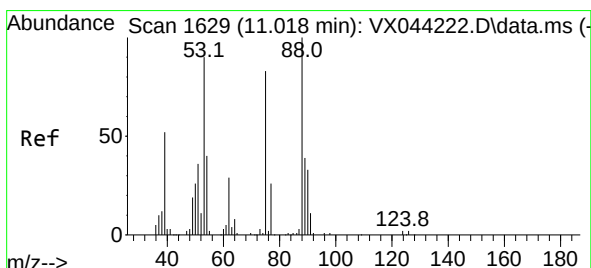
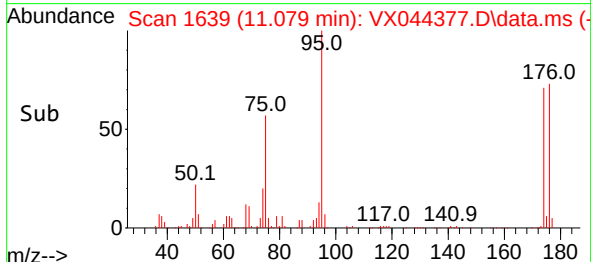
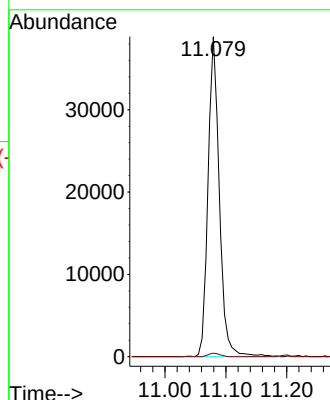
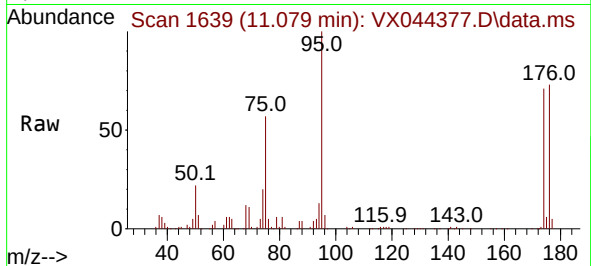




#76
1,2,3-Trichloropropane
Concen: 27.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

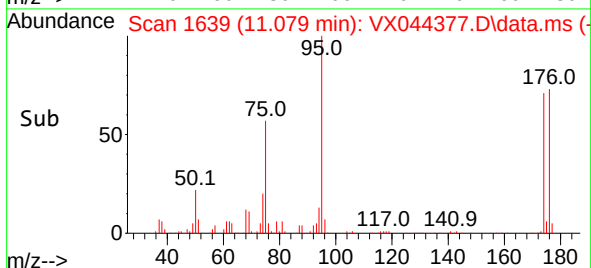
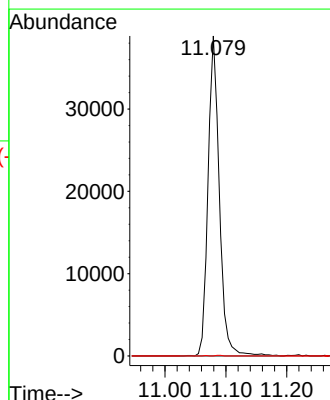
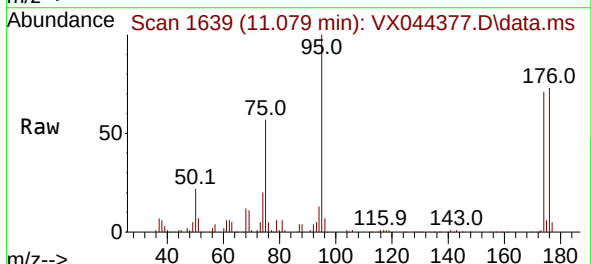
Instrument :
MSVOA_X
ClientSampleId :

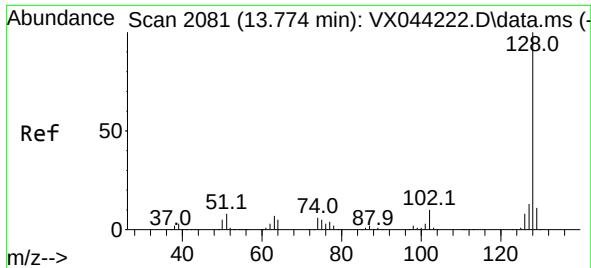
Tgt Ion: 75 Resp: 50345
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.898 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044377.D
Acq: 18 Dec 2024 12:48

Tgt Ion: 75 Resp: 50345
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#





#95

Naphthalene

Concen: 0.236 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

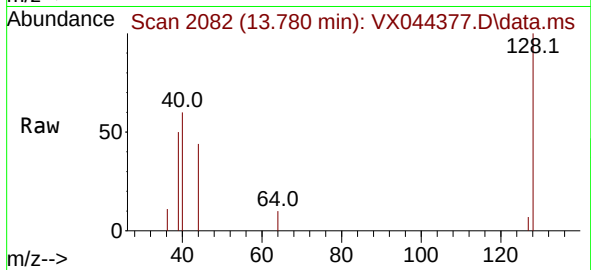
Lab File: VX044377.D

Acq: 18 Dec 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1407

Ion Ratio Lower Upper

128 100

127 3.8 10.5 15.7#

129 0.0 9.0 13.4#

