

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044490.D
 Acq On : 23 Dec 2024 19:03
 Operator : JC/MD
 Sample : P5317-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 22:15:54 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)

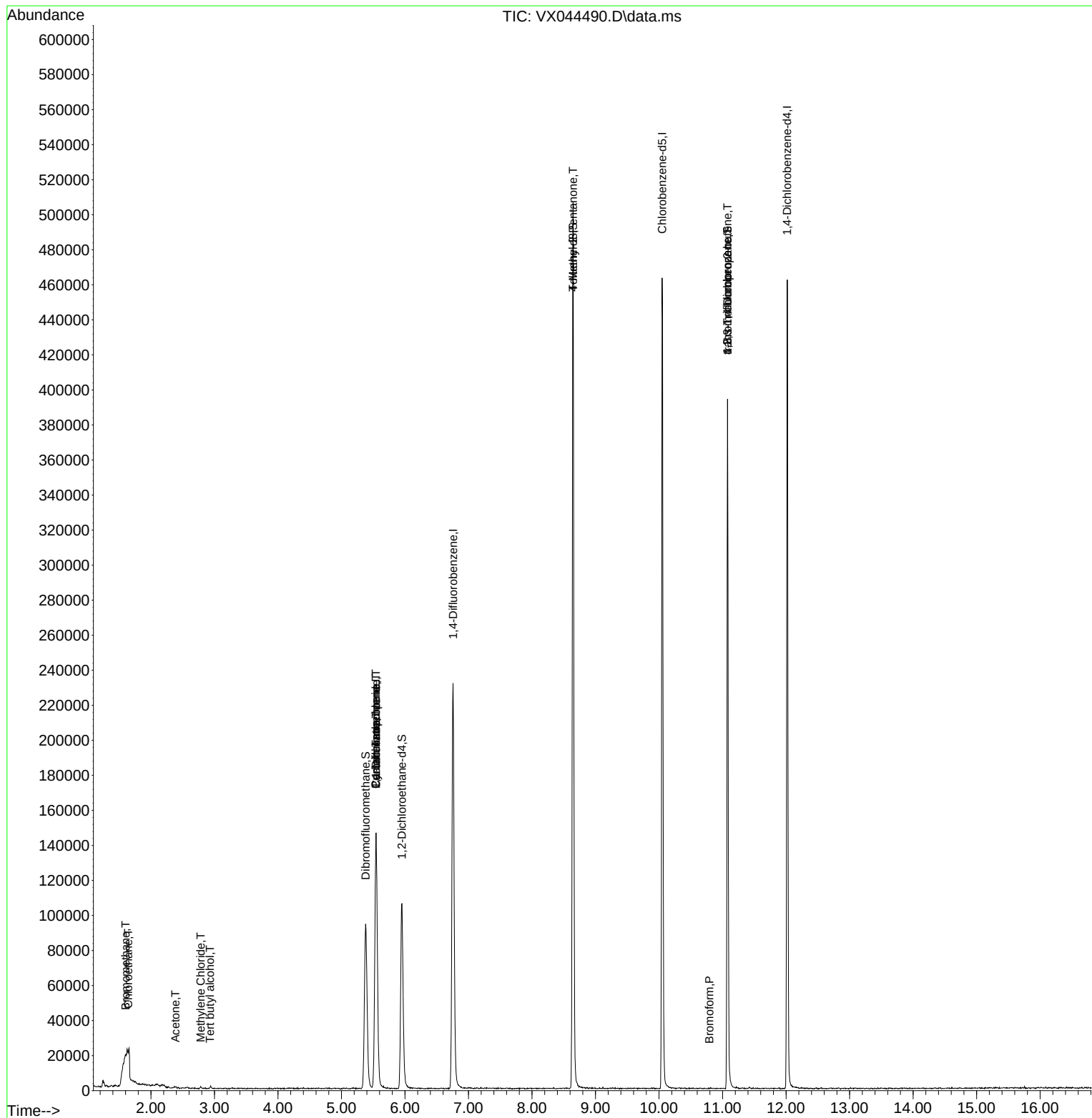
Internal Standards						
1) Pentafluorobenzene	5.544	168	134770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	213239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102799	43.504	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.000%
35) Dibromofluoromethane	5.379	113	81825	49.868	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	8.647	98	301047	54.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.760%
62) 4-Bromofluorobenzene	11.079	95	99546	51.464	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	331	0.225	ug/l #	61
6) Chloroethane	1.642	64	350	0.271	ug/l	93
11) Tert butyl alcohol	2.928	59	337	1.012	ug/l #	71
16) Acetone	2.386	43	813	0.844	ug/l #	80
20) Methylene Chloride	2.782	84	380	0.210	ug/l #	56
31) Cyclohexane	5.544	56	3427	1.344	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	10944	5.160	ug/l #	47
38) Carbon Tetrachloride	5.544	117	14206	6.221	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	1391	0.528	ug/l #	1
71) Bromoform	10.793	173	19	1.250	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	53556	25.481	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	53556	70.448	ug/l #	4

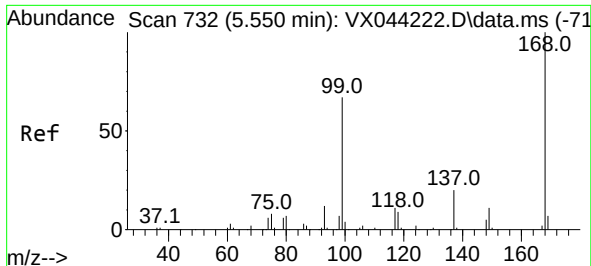
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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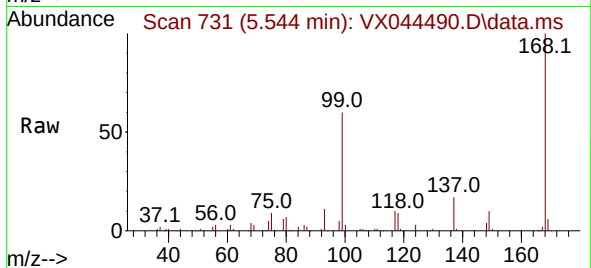
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



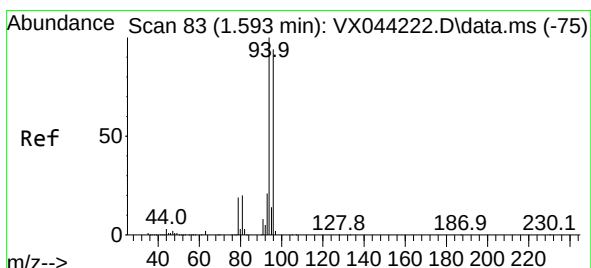
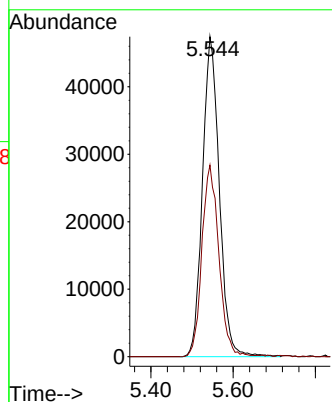
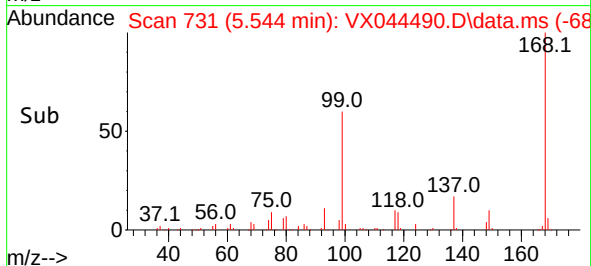


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :

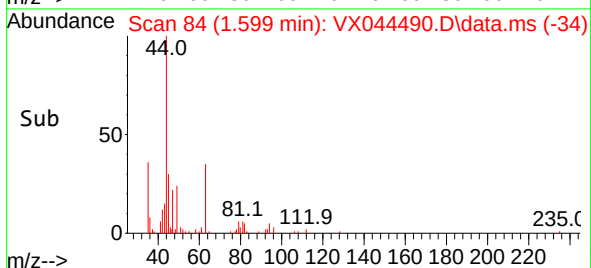
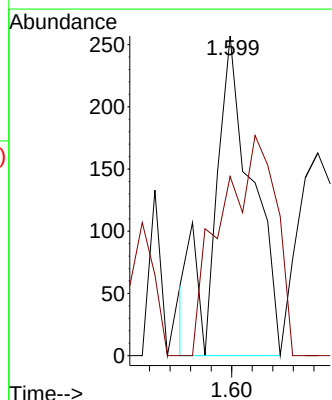
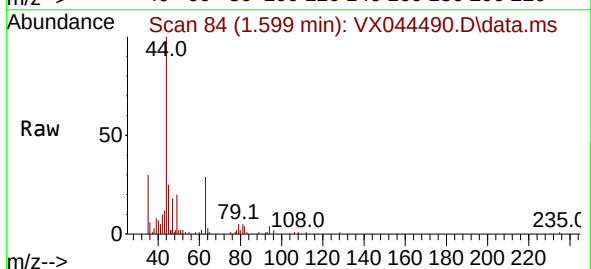


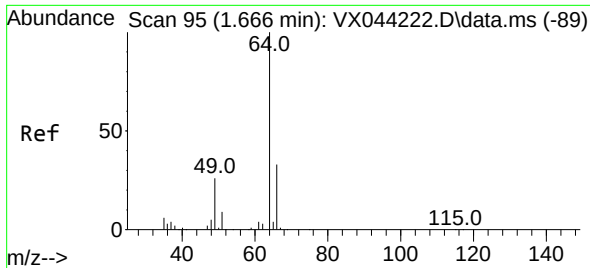
Tgt Ion:168 Resp: 134770
Ion Ratio Lower Upper
168 100
99 59.9 53.4 80.0



#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 56.0 74.9 112.3#

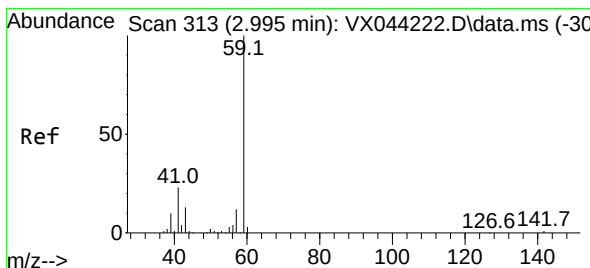
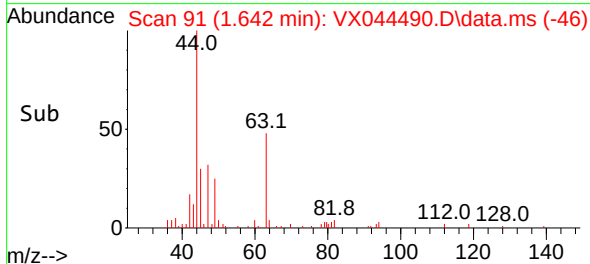
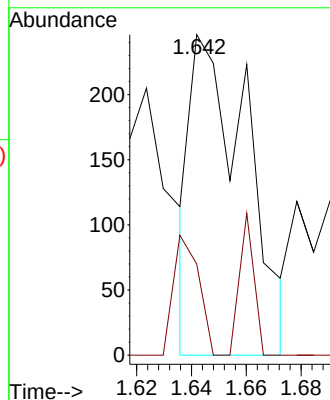
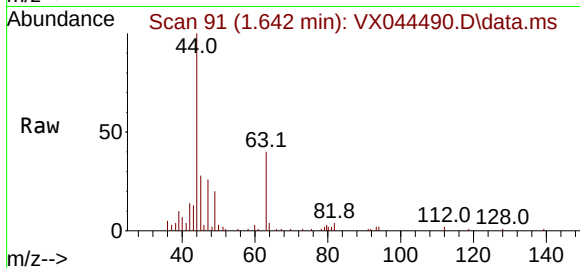




#6
Chloroethane
Concen: 0.271 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

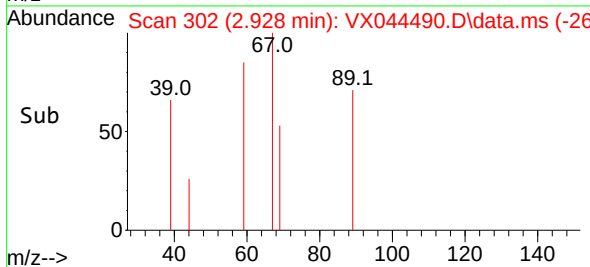
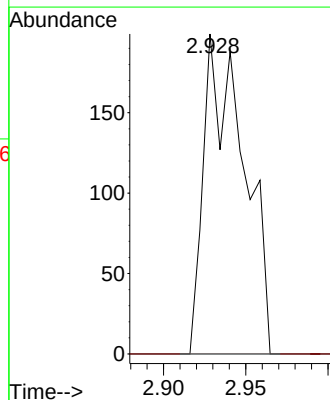
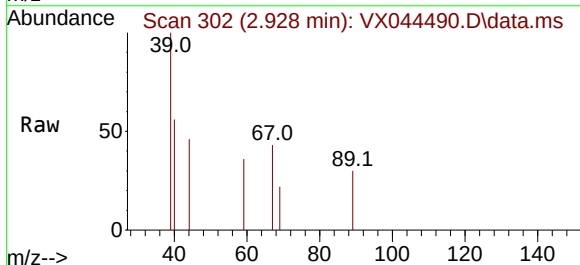
Instrument :
MSVOA_X
ClientSampleId :

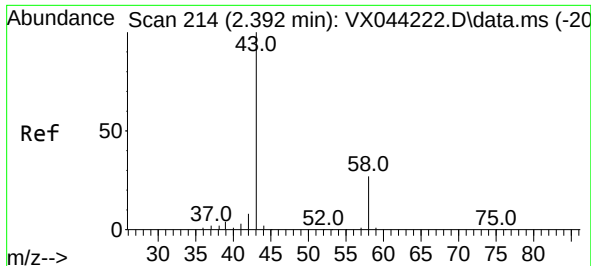
Tgt Ion: 64 Resp: 350
Ion Ratio Lower Upper
64 100
66 37.4 26.6 39.8



#11
Tert butyl alcohol
Concen: 1.012 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.067 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

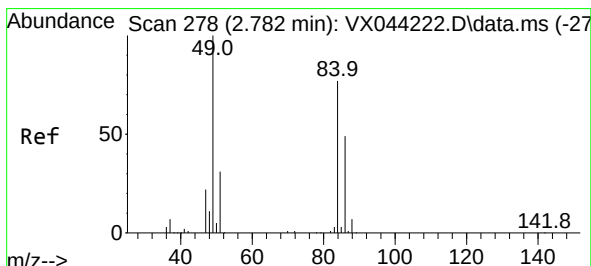
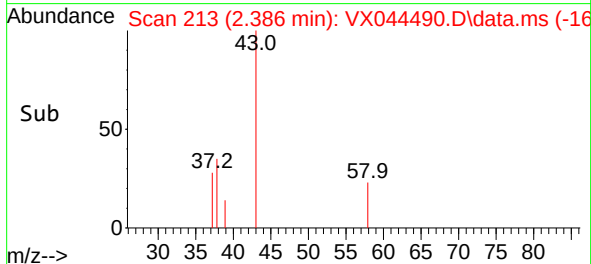
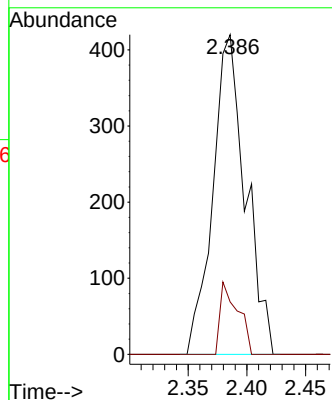
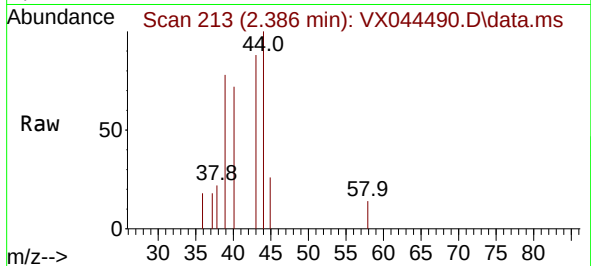




#16
Acetone
Concen: 0.844 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

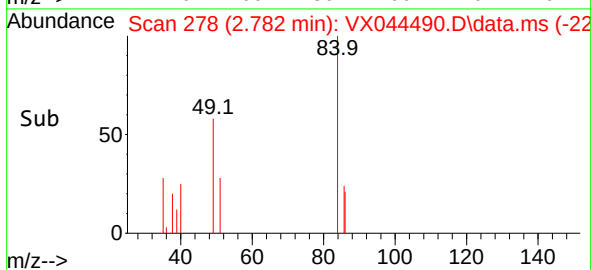
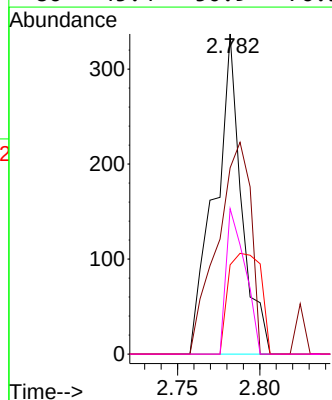
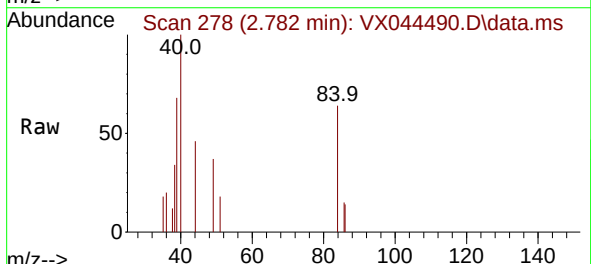
Instrument :
MSVOA_X
ClientSampleId :

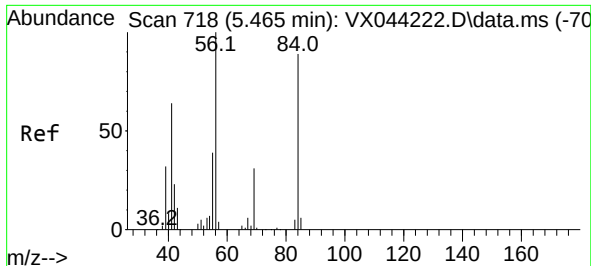
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 16.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

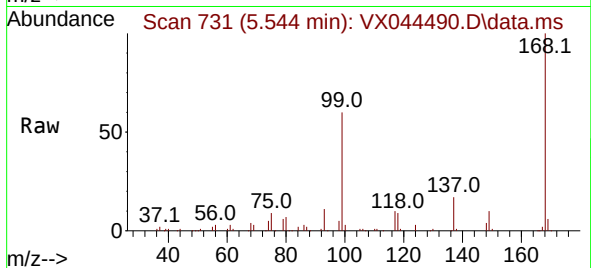
Tgt Ion: 84 Resp: 380
Ion Ratio Lower Upper
84 100
49 58.2 104.2 156.4#
51 27.9 32.2 48.4#
86 45.4 50.9 76.3#



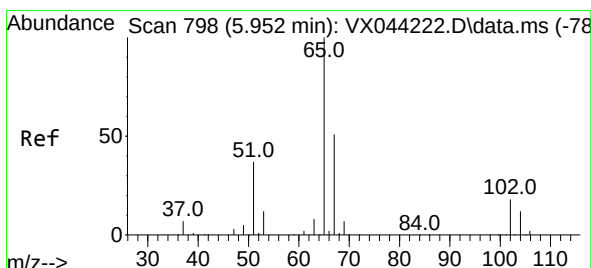
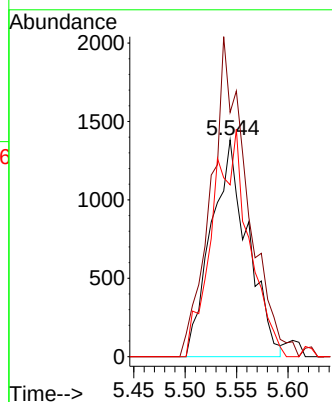
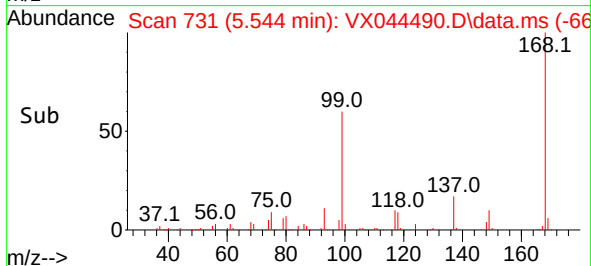


#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :

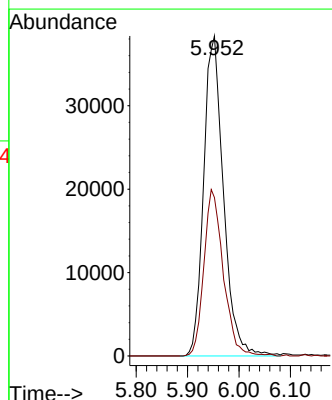
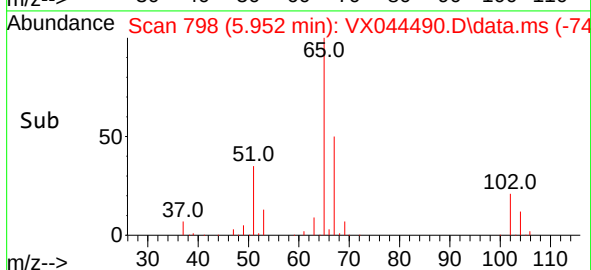
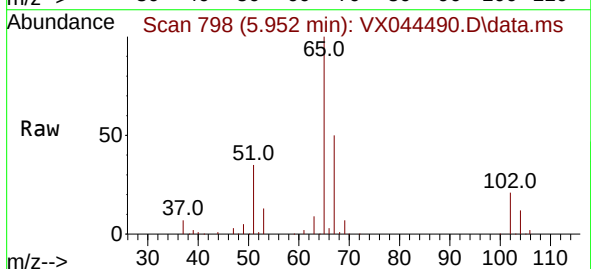


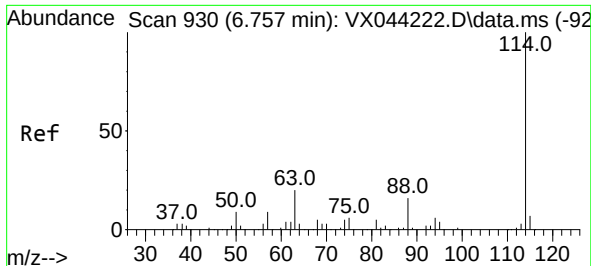
Tgt Ion: 56 Resp: 3427
Ion Ratio Lower Upper
56 100
69 112.7 24.7 37.1#
84 79.2 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 43.504 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion: 65 Resp: 102799
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

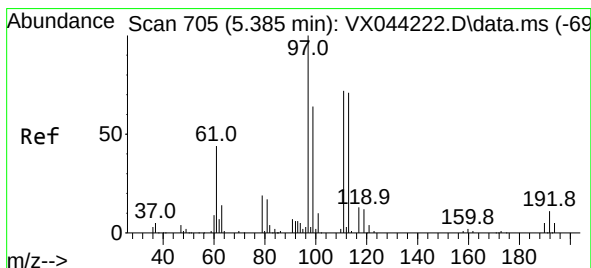
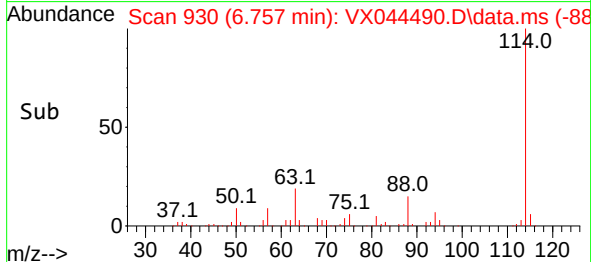
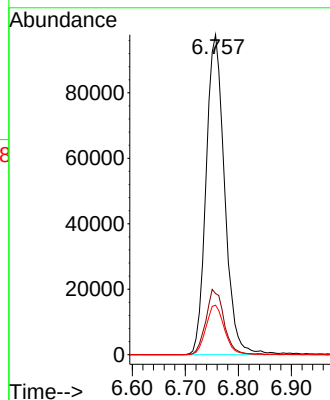
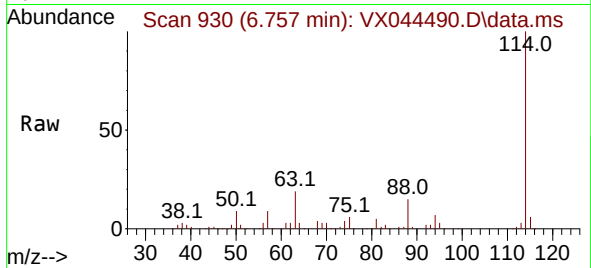




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

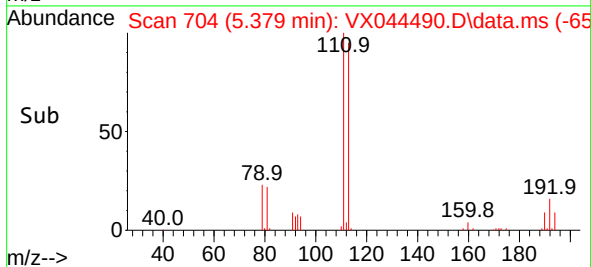
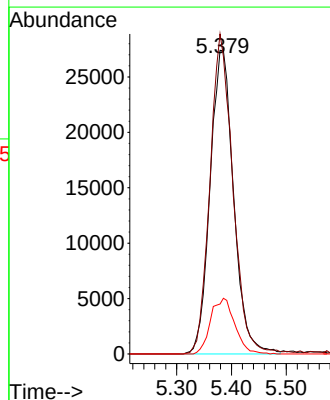
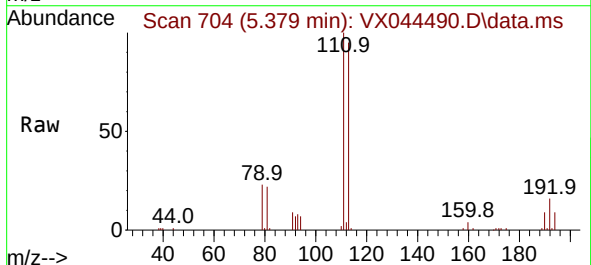
Instrument :
MSVOA_X
ClientSampleId :

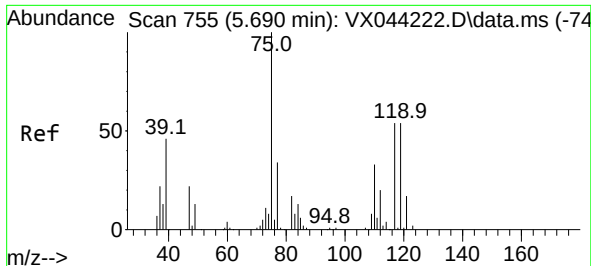
Tgt Ion:114 Resp: 236910
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

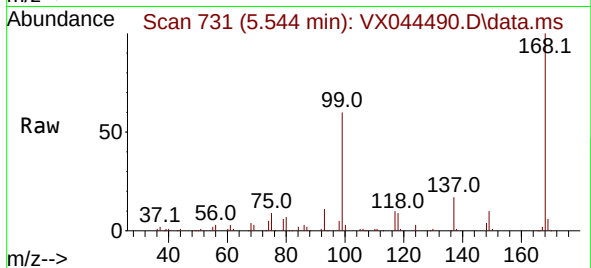
Tgt Ion:113 Resp: 81825
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 18.8 13.3 19.9



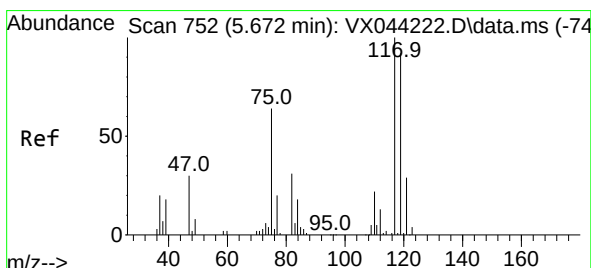
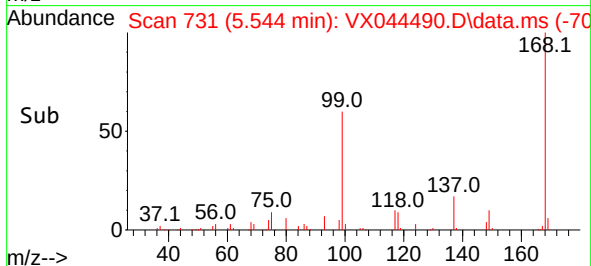
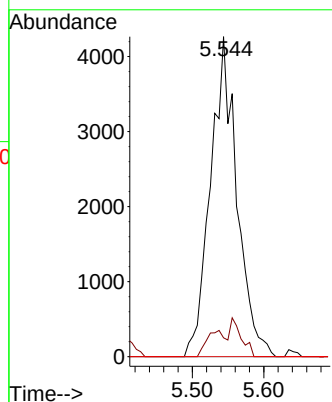


#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :

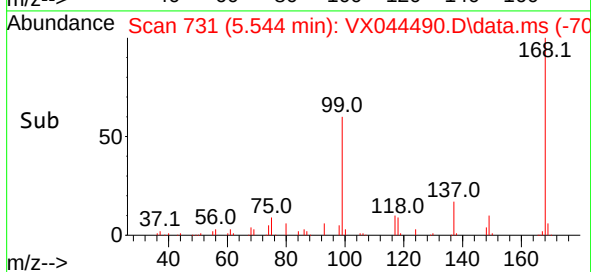
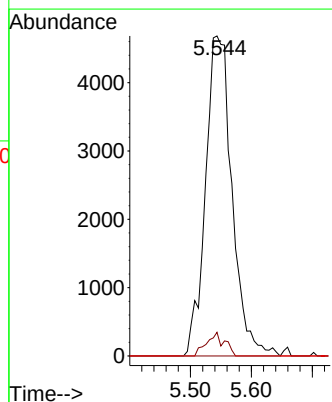
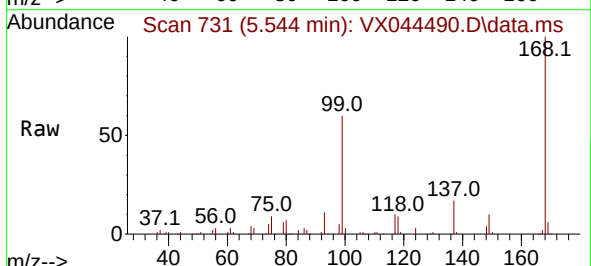


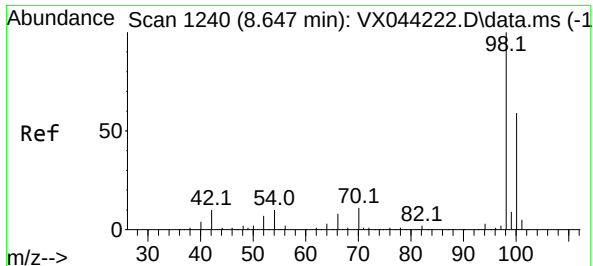
Tgt Ion: 75 Resp: 10944
Ion Ratio Lower Upper
75 100
110 5.9 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion: 117 Resp: 14206
Ion Ratio Lower Upper
117 100
119 7.4 74.2 111.4#
121 0.0 23.0 34.6#

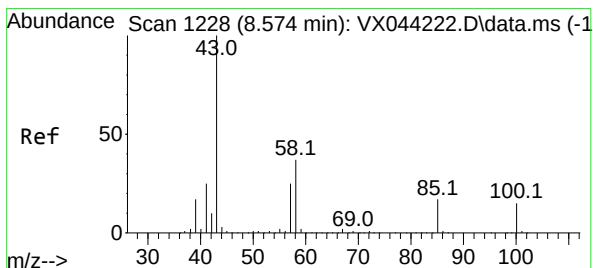
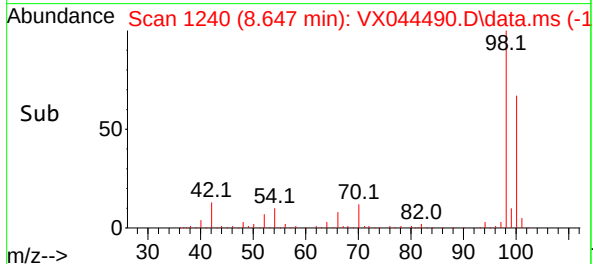
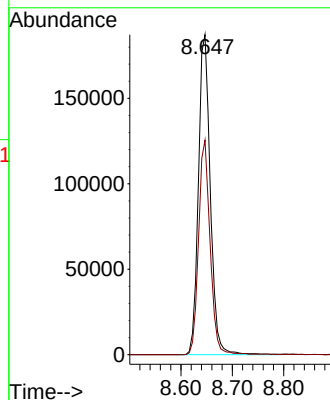
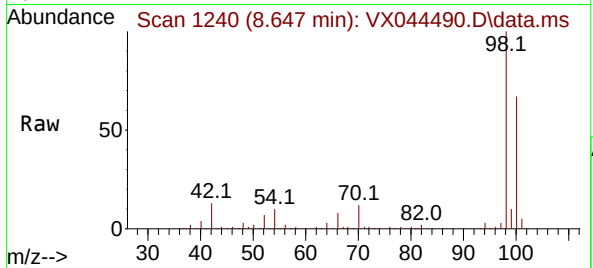




#50
Toluene-d8
Concen: 54.383 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

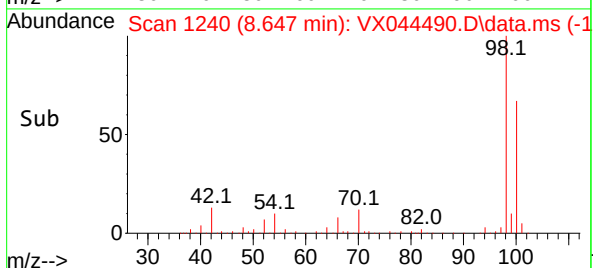
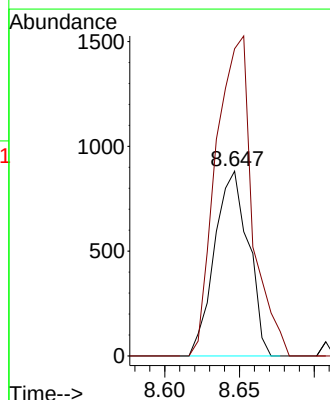
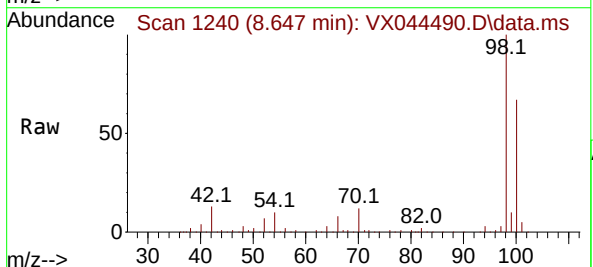
Instrument :
MSVOA_X
ClientSampleId :

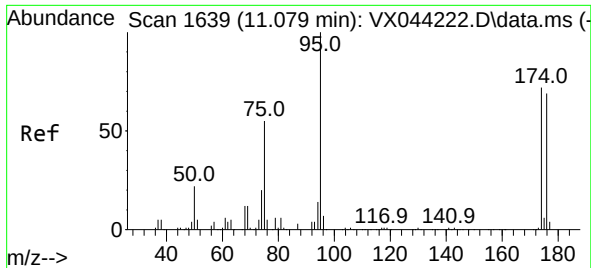
Tgt Ion: 98 Resp: 301047
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 186.1 29.4 44.0#

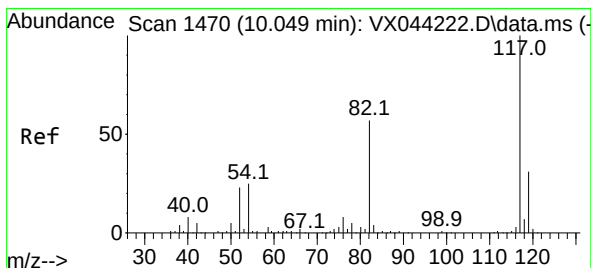
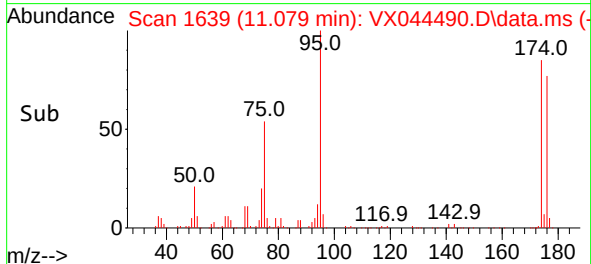
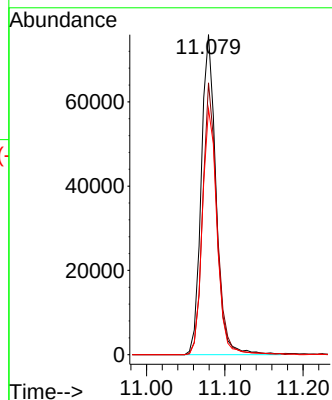
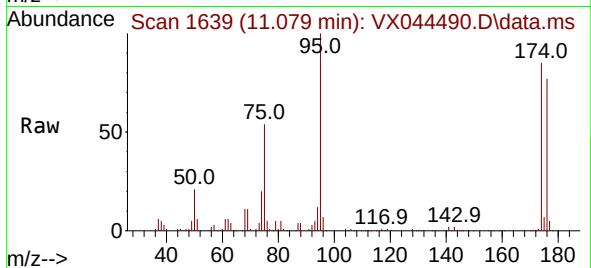




#62
4-Bromofluorobenzene
Concen: 51.464 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

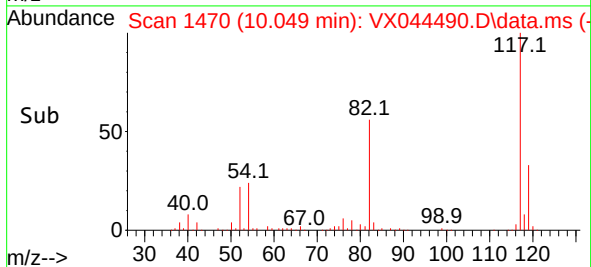
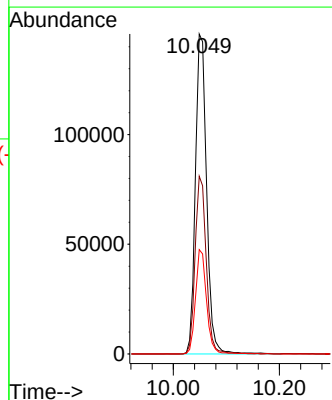
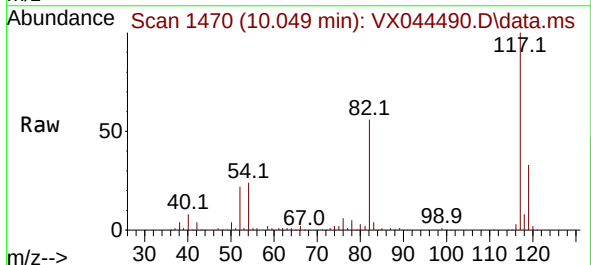
Instrument :
MSVOA_X
ClientSampleId :

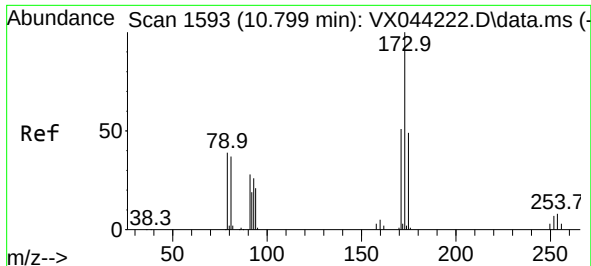
Tgt Ion: 95 Resp: 99546
Ion Ratio Lower Upper
95 100
174 82.3 0.0 145.8
176 76.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion: 117 Resp: 213239
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.8
119 32.6 25.0 37.4

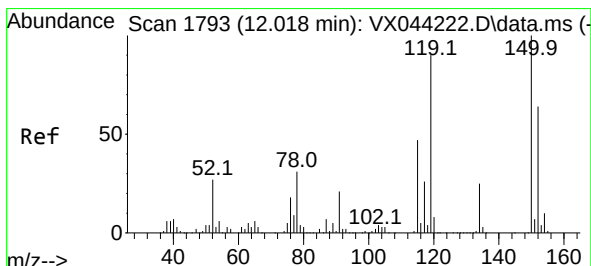
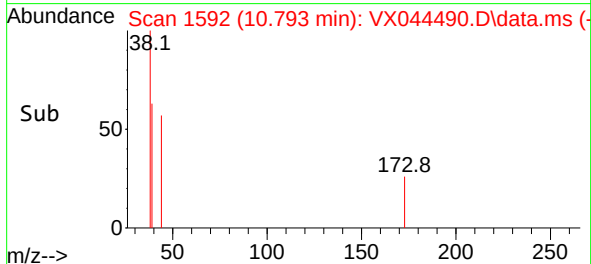
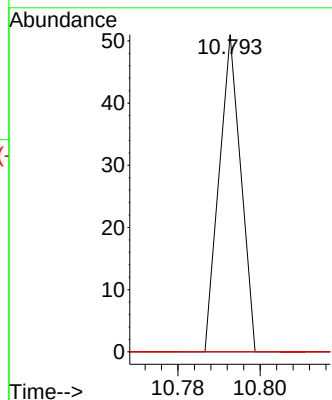
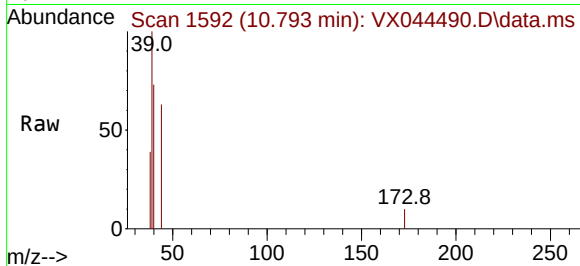




#71
Bromoform
Concen: 1.250 ug/l
RT: 10.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

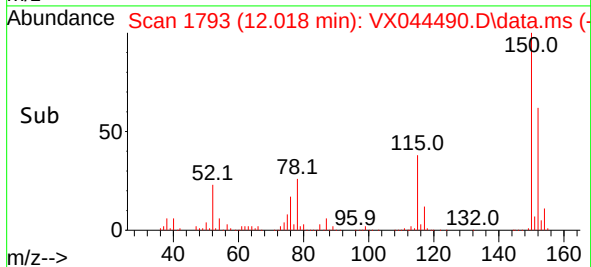
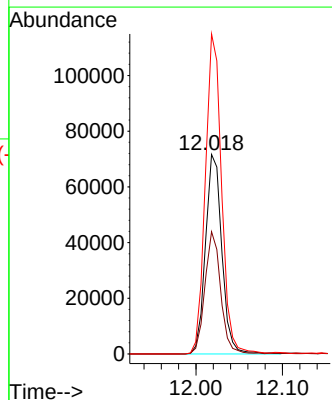
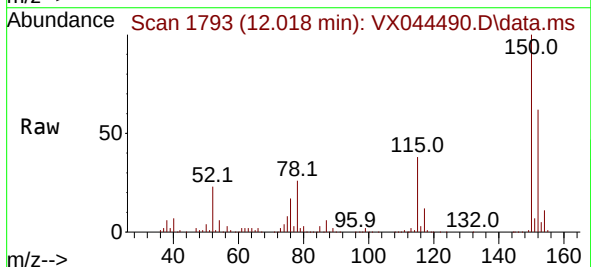
Instrument :
MSVOA_X
ClientSampleId :

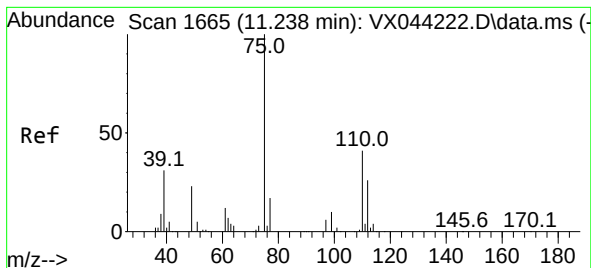
Tgt Ion:173 Resp: 19
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044490.D
Acq: 23 Dec 2024 19:03

Tgt Ion:152 Resp: 94135
Ion Ratio Lower Upper
152 100
115 59.5 44.5 133.3
150 158.6 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 25.481 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044490.D

Acq: 23 Dec 2024 19:03

Instrument :

MSVOA_X

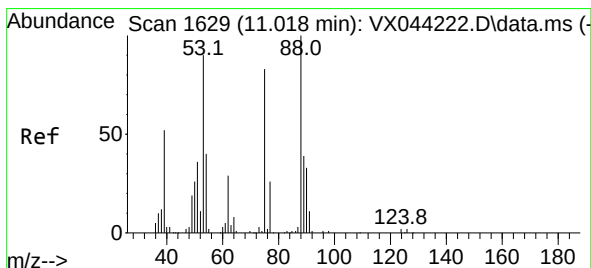
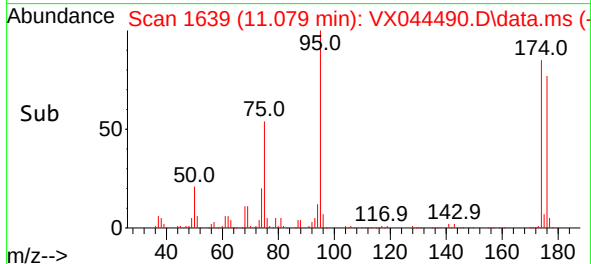
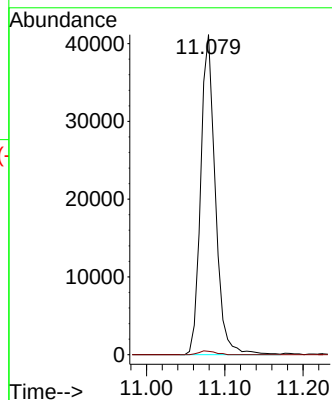
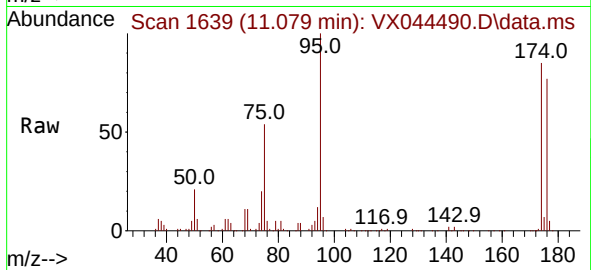
ClientSampleId :

Tgt Ion: 75 Resp: 53556

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044490.D

Acq: 23 Dec 2024 19:03

Tgt Ion: 75 Resp: 53556

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

