

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044061.D
 Acq On : 02 Dec 2024 13:21
 Operator : JC/MD
 Sample : P5021-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 00:18:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

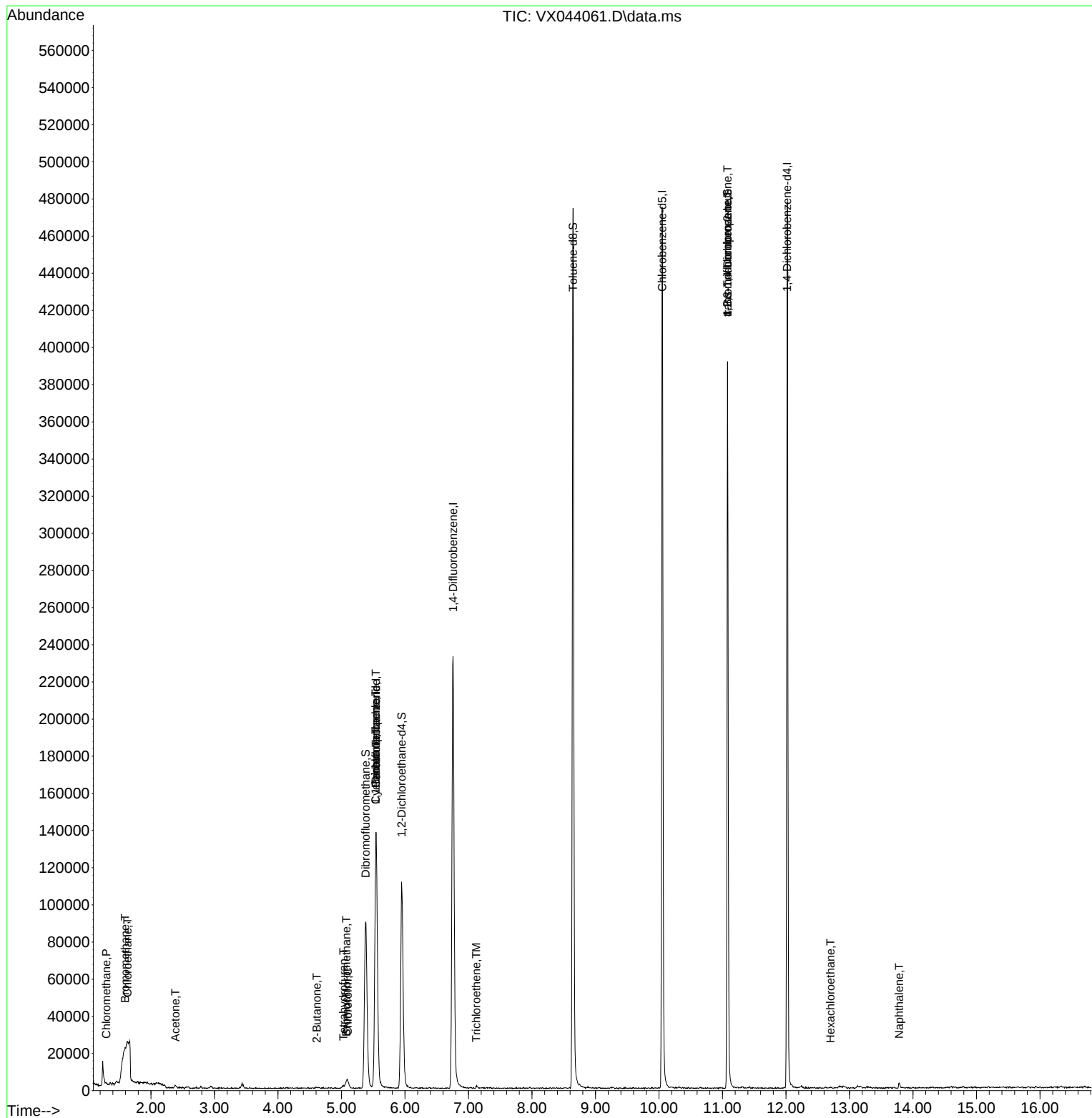
Internal Standards						
1) Pentafluorobenzene	5.544	168	120070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106938	51.927	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.860%		
35) Dibromofluoromethane	5.379	113	77289	47.034	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.060%		
50) Toluene-d8	8.647	98	288636	50.955	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.920%		
62) 4-Bromofluorobenzene	11.079	95	99490	51.609	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	339	0.212	ug/l #	42
5) Bromomethane	1.593	94	406	0.388	ug/l #	46
6) Chloroethane	1.630	64	347	0.334	ug/l #	58
16) Acetone	2.386	43	1592	1.683	ug/l #	87
25) 2-Butanone	4.611	43	531	0.435	ug/l #	50
28) Bromochloromethane	5.074	49	476	0.388	ug/l #	15
29) Tetrahydrofuran	5.032	42	1450	1.938	ug/l #	82
30) Chloroform	5.099	83	5656	1.886	ug/l	85
31) Cyclohexane	5.538	56	3316	1.445	ug/l #	40
36) 1,1-Dichloropropene	5.538	75	11431	5.582	ug/l #	46
38) Carbon Tetrachloride	5.544	117	14699	6.388	ug/l #	16
44) Trichloroethene	7.123	130	499	0.276	ug/l	58
76) 1,2,3-Trichloropropane	11.079	75	57519	28.657	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	57519	78.199	ug/l #	7
90) Hexachloroethane	12.701	117	360	0.371	ug/l #	18
95) Naphthalene	13.780	128	2354	0.360	ug/l #	88

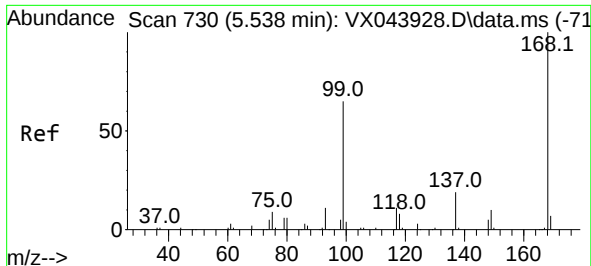
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044061.D
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Sample : P5021-04RE
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Instrument :
MSVOA_X
ClientSampleId :

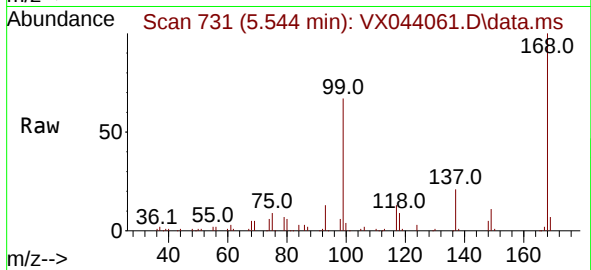
Quant Time: Dec 03 00:18:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



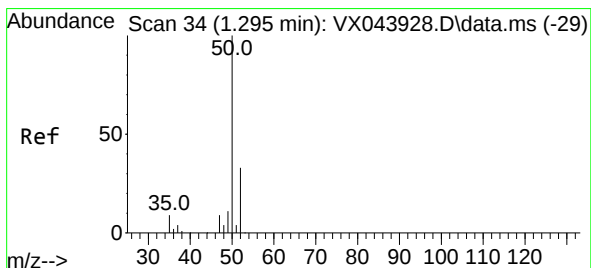
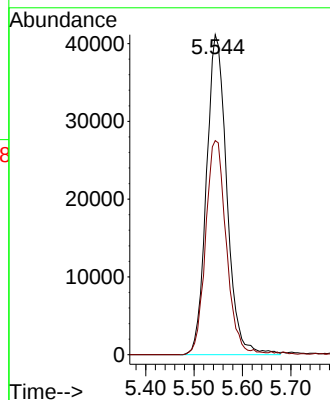
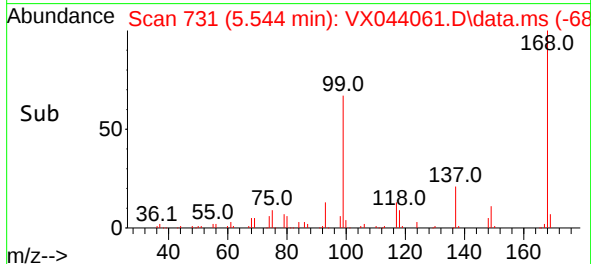


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

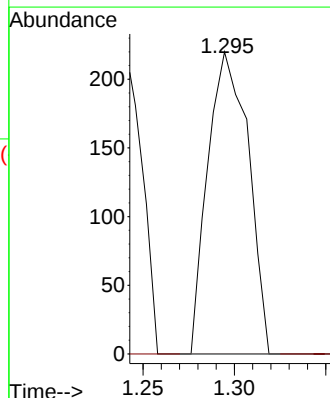
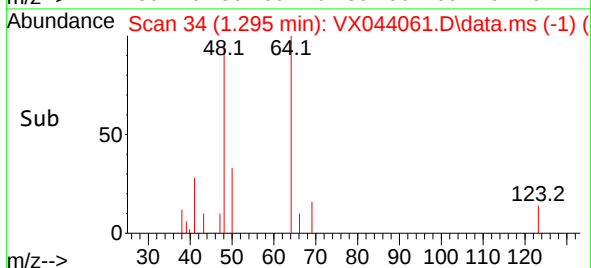
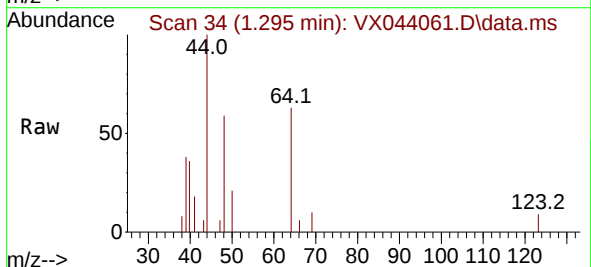


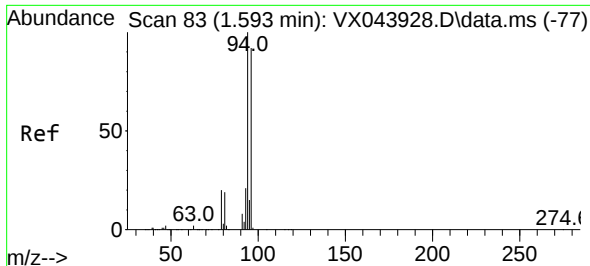
Tgt Ion:168 Resp: 120070
Ion Ratio Lower Upper
168 100
99 66.9 51.8 77.8



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 50 Resp: 339
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

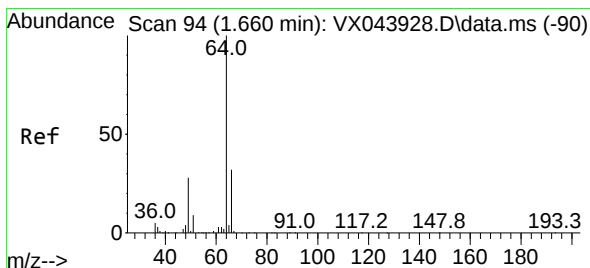
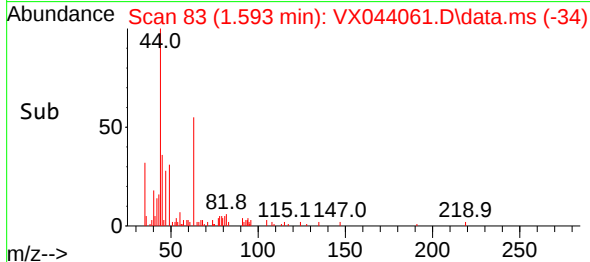
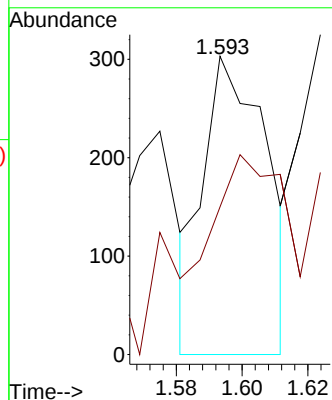
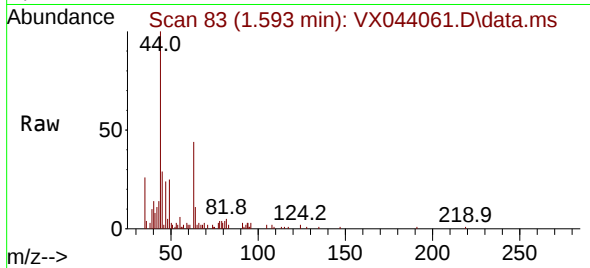




#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

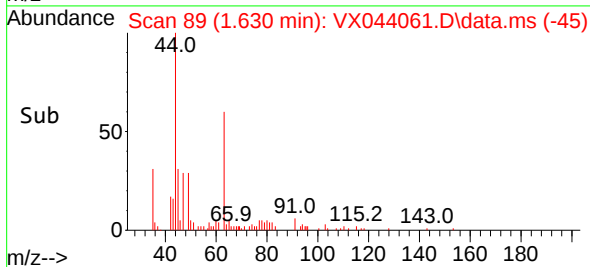
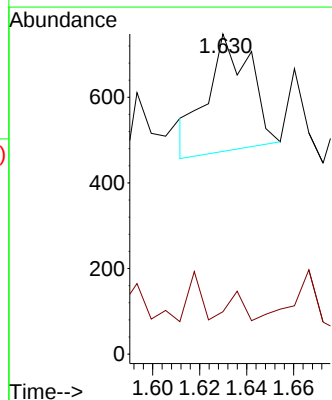
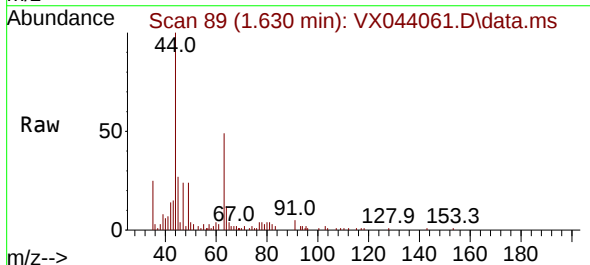
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 40.8 73.9 110.9#



#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.031 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 64 Resp: 347
Ion Ratio Lower Upper
64 100
66 9.1 25.9 38.9#

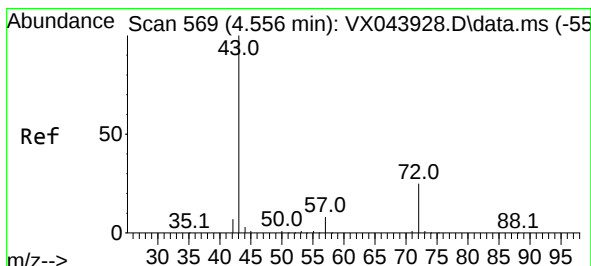
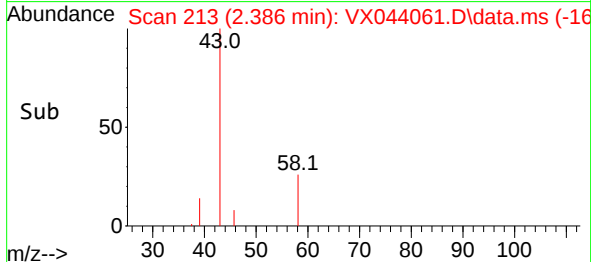
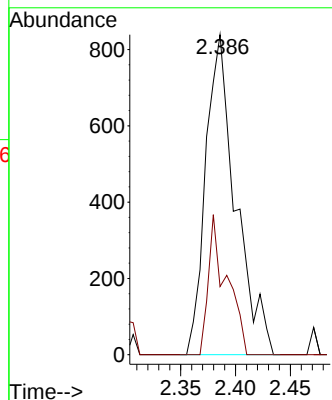
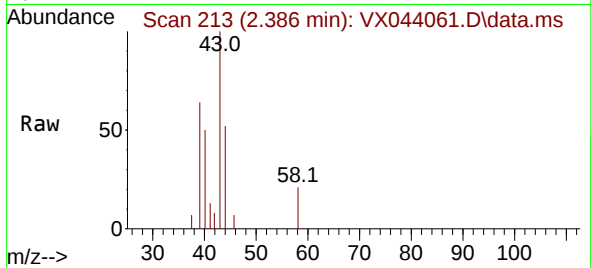




#16
Acetone
Concen: 1.683 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

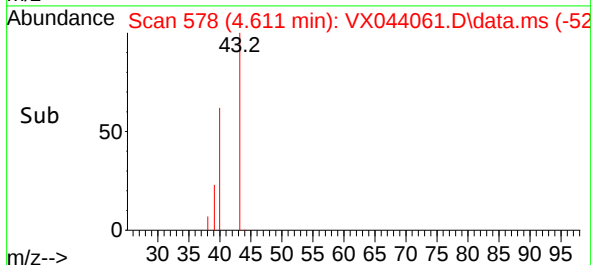
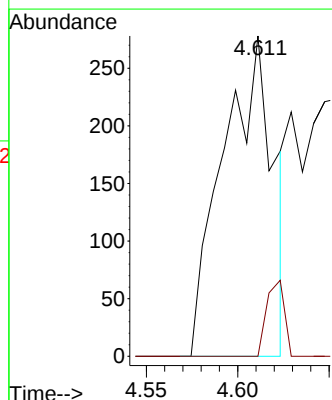
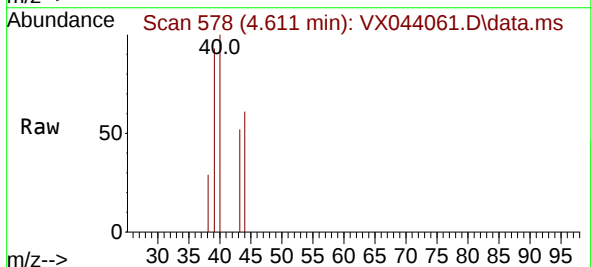
Instrument :
MSVOA_X
ClientSampleId :

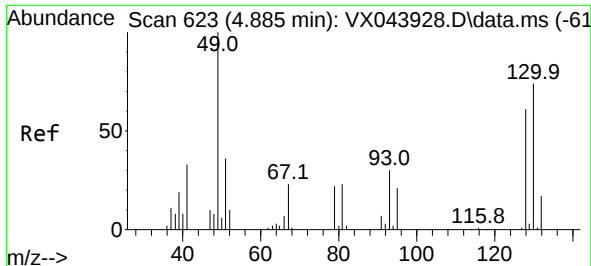
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 21.3 22.7 34.1#



#25
2-Butanone
Concen: 0.435 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.055 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

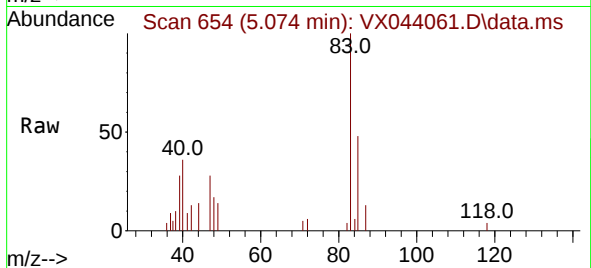
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



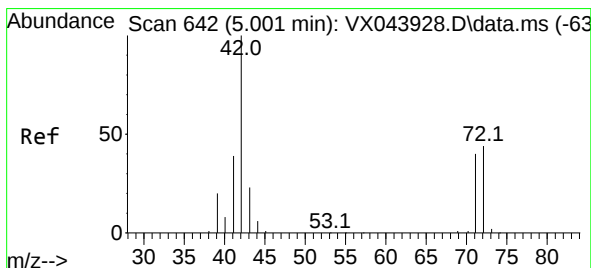
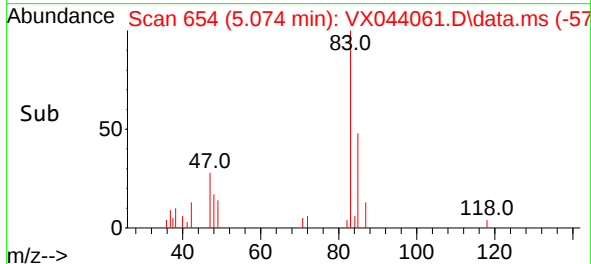
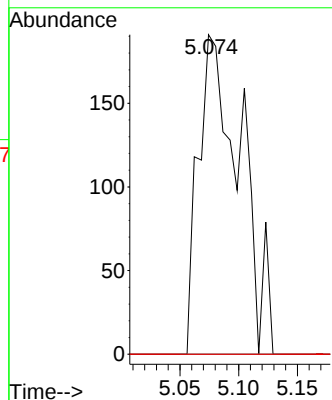


#28
Bromochloromethane
Concen: 0.388 ug/l
RT: 5.074 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

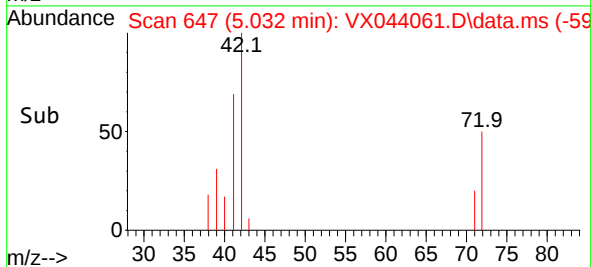
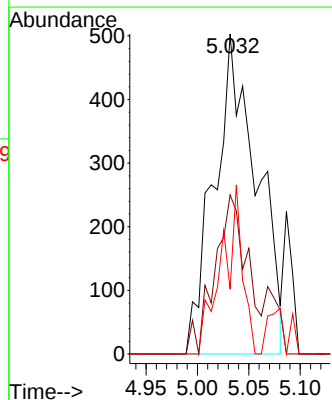
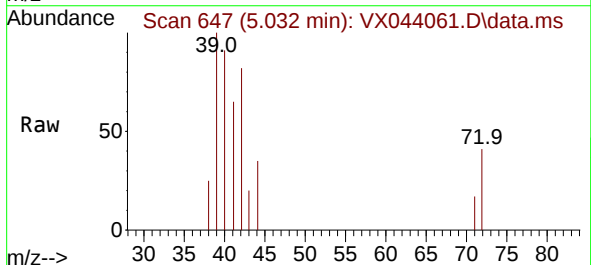


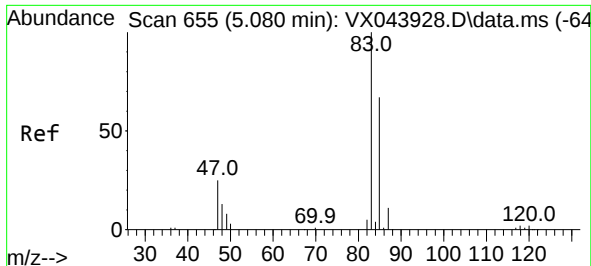
Tgt Ion: 49 Resp: 476
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 59.0 88.6#



#29
Tetrahydrofuran
Concen: 1.938 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 42 Resp: 1450
Ion Ratio Lower Upper
42 100
72 37.8 36.4 54.6
71 25.4 33.4 50.0#

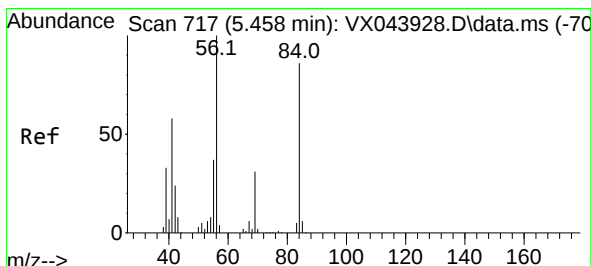
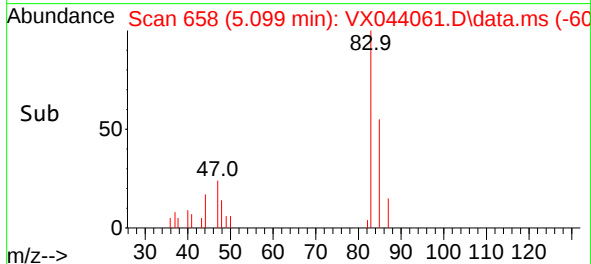
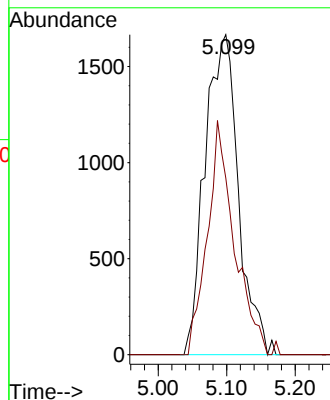
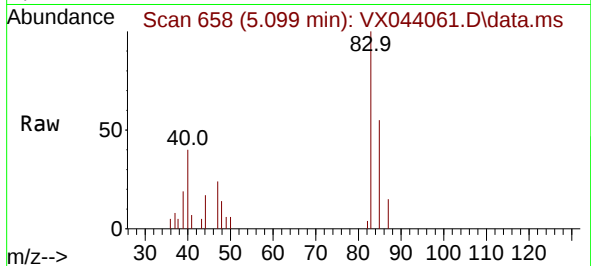




#30
Chloroform
Concen: 1.886 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

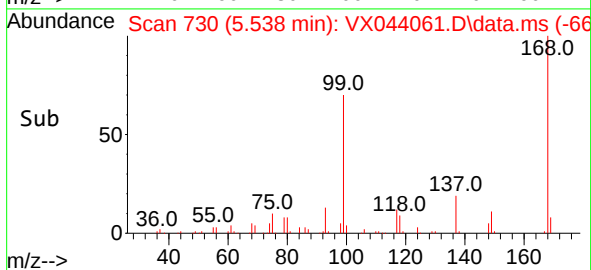
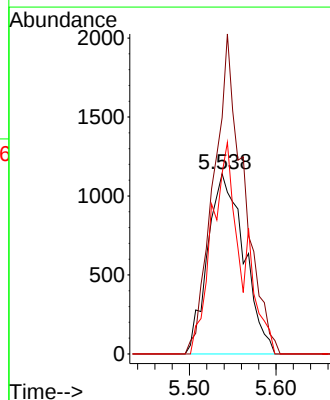
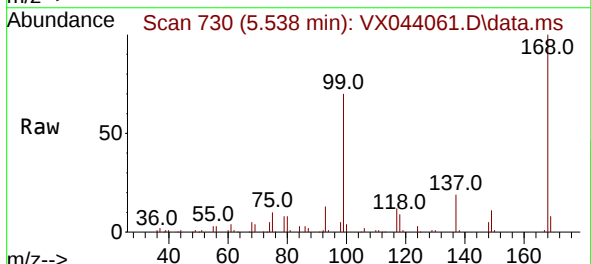
Instrument :
MSVOA_X
ClientSampleId :

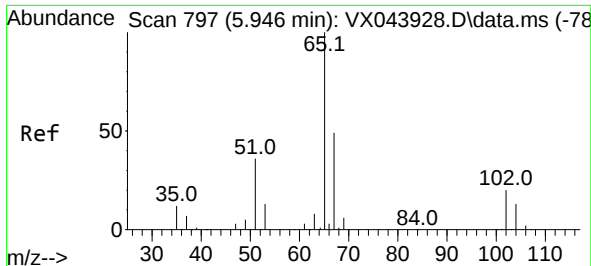
Tgt Ion: 83 Resp: 5656
Ion Ratio Lower Upper
83 100
85 55.2 53.5 80.3



#31
Cyclohexane
Concen: 1.445 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 56 Resp: 3316
Ion Ratio Lower Upper
56 100
69 131.1 24.7 37.1#
84 100.3 68.7 103.1

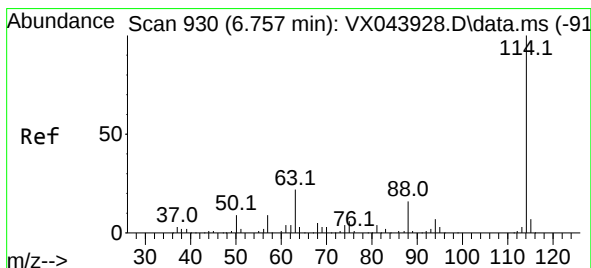
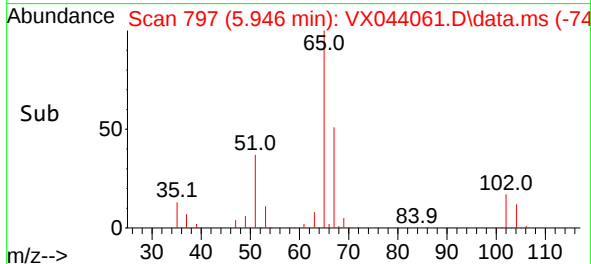
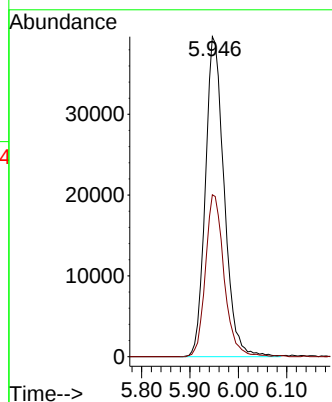
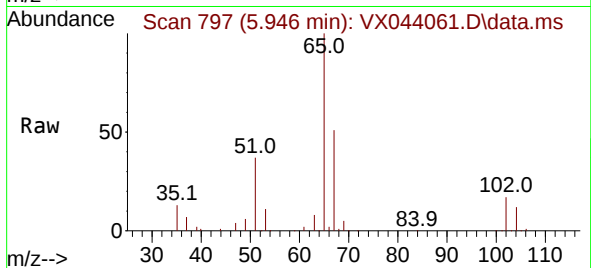




#33
1,2-Dichloroethane-d4
Concen: 51.927 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

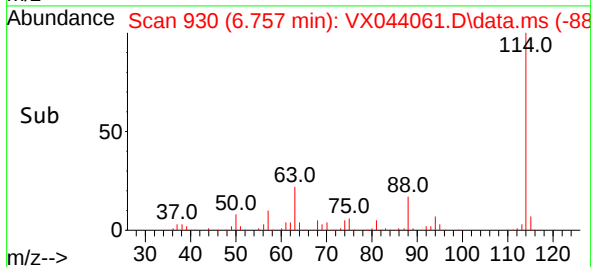
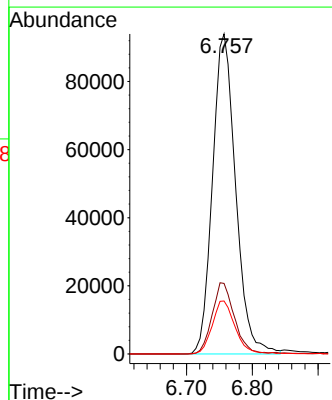
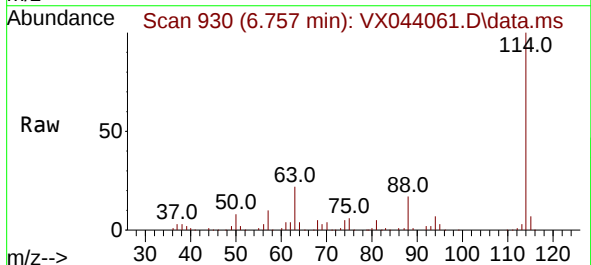
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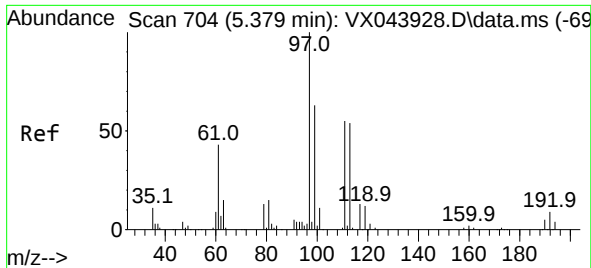
Tgt Ion: 65 Resp: 106938
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 114 Resp: 229971
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.6 0.0 32.4

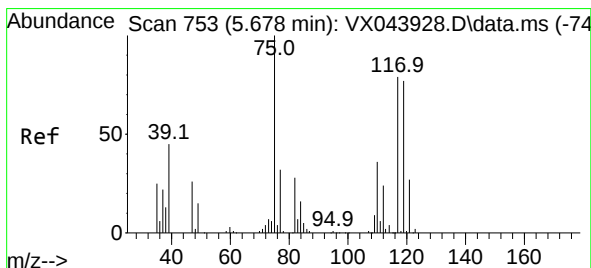
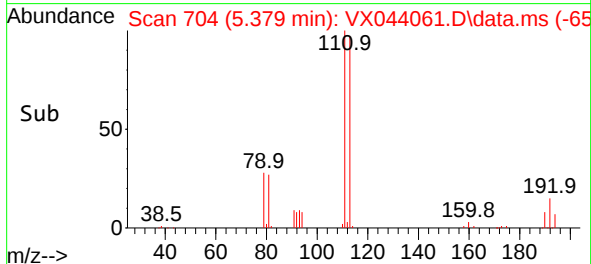
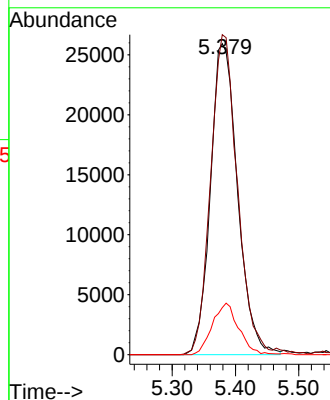
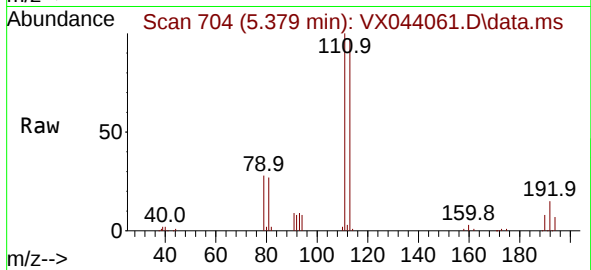




#35
Dibromofluoromethane
Concen: 47.034 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

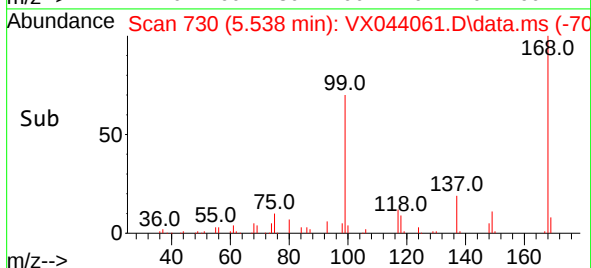
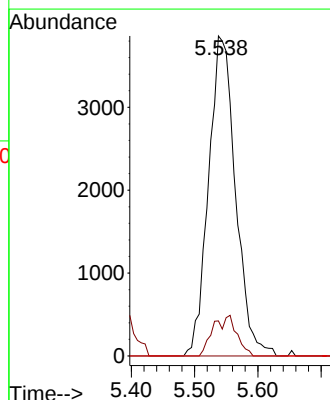
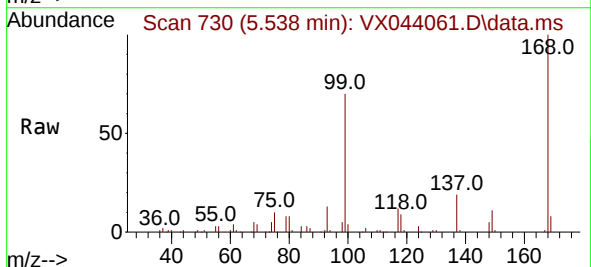
Instrument :
MSVOA_X
ClientSampleId :

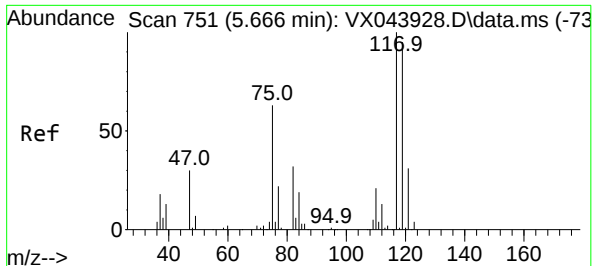
Tgt Ion:113 Resp: 77289
Ion Ratio Lower Upper
113 100
111 101.3 81.0 121.4
192 16.1 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.582 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.140 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

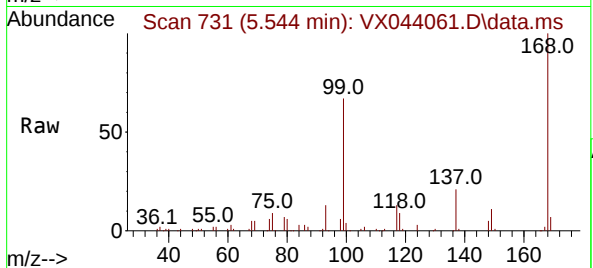
Tgt Ion: 75 Resp: 11431
Ion Ratio Lower Upper
75 100
110 5.3 17.4 52.2#
77 0.0 25.8 38.8#



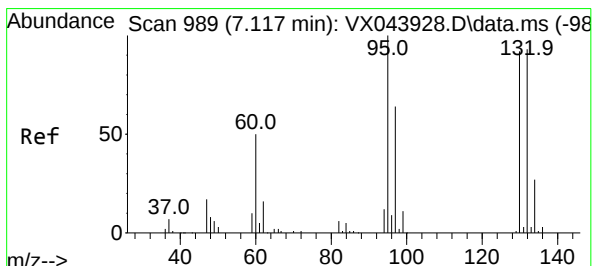
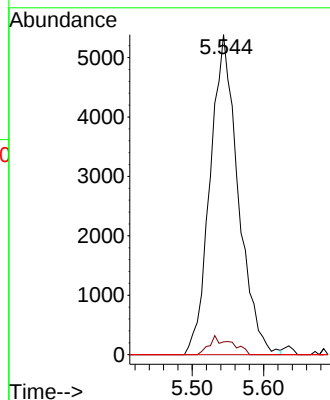
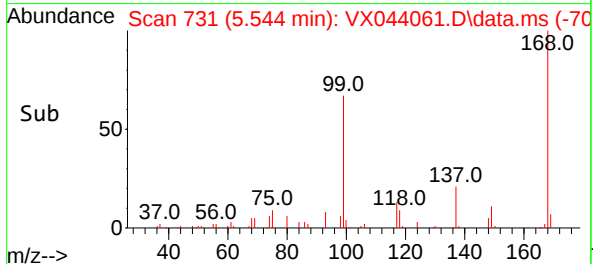


#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

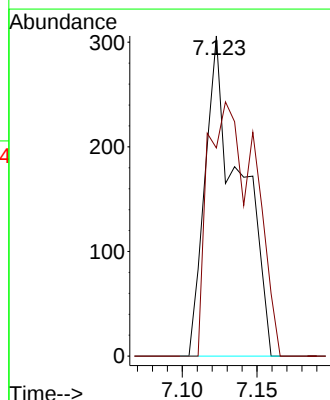
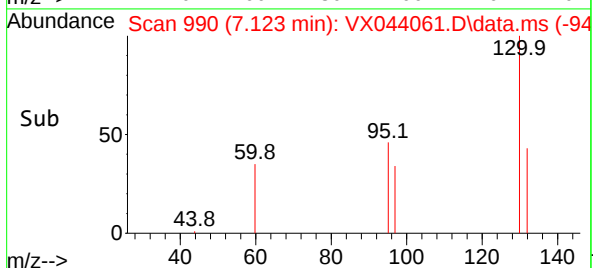
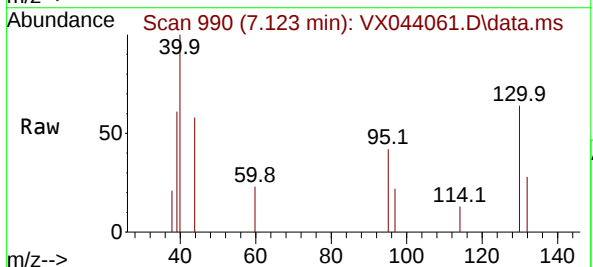


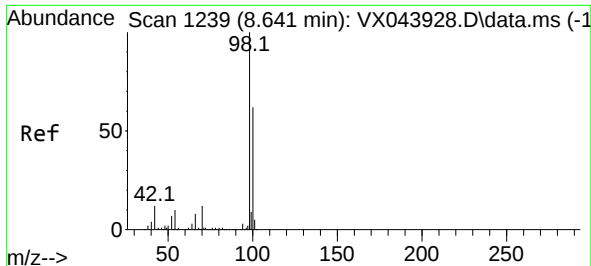
Tgt Ion:117 Resp: 14699
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.276 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion:130 Resp: 499
Ion Ratio Lower Upper
130 100
95 65.0 0.0 217.8

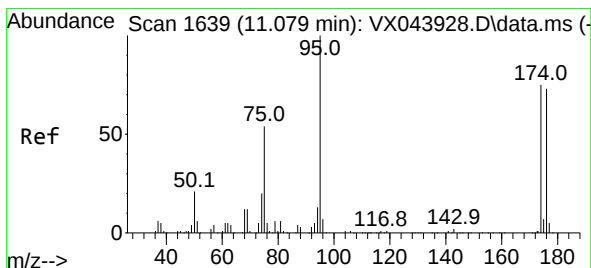
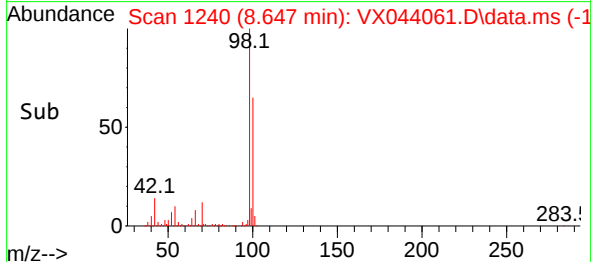
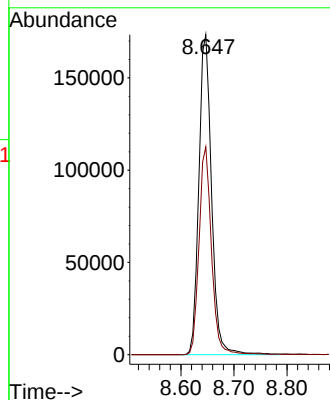
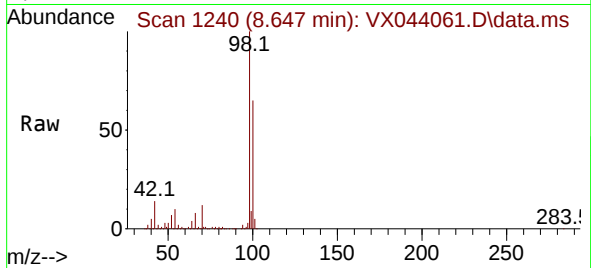




#50
Toluene-d8
Concen: 50.955 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

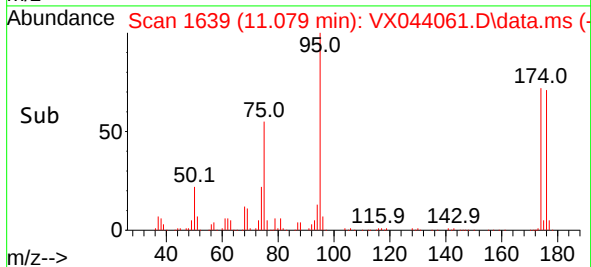
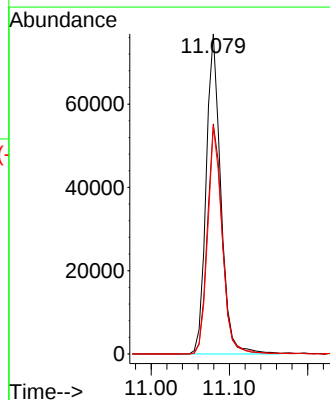
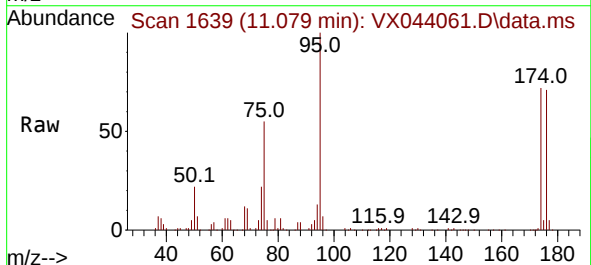
Instrument :
MSVOA_X
ClientSampleId :

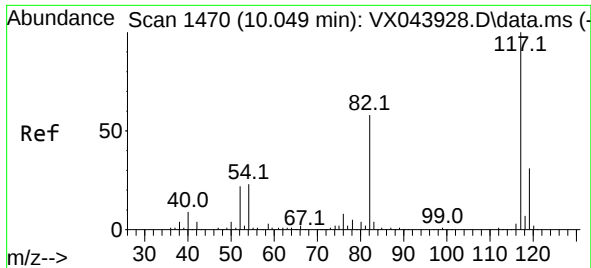
Tgt Ion: 98 Resp: 288636
Ion Ratio Lower Upper
98 100
100 63.8 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 51.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 95 Resp: 99490
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.4
176 70.1 0.0 146.0

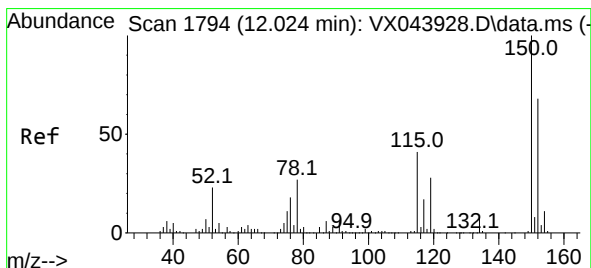
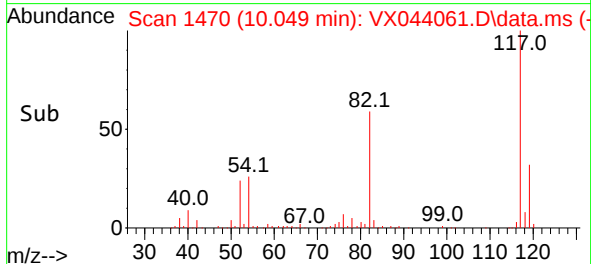
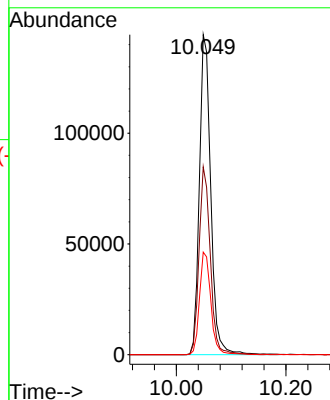
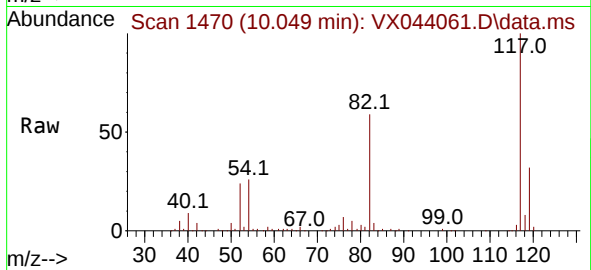




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

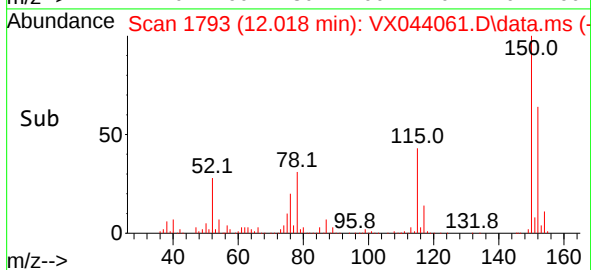
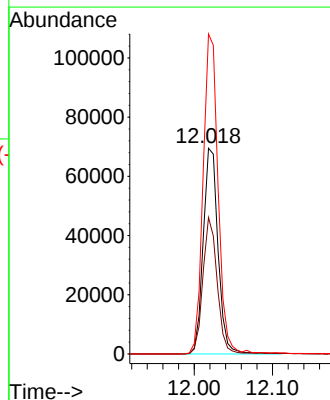
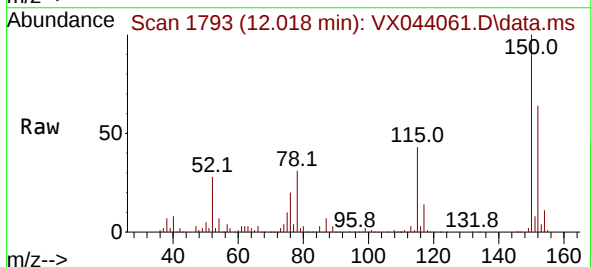
Instrument :
MSVOA_X
ClientSampleId :

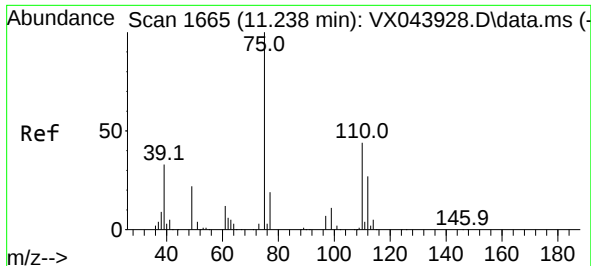
Tgt Ion:117 Resp: 208817
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 32.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion:152 Resp: 91525
Ion Ratio Lower Upper
152 100
115 63.7 45.4 136.2
150 157.7 0.0 353.0

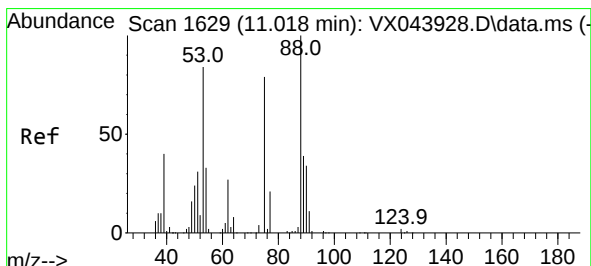
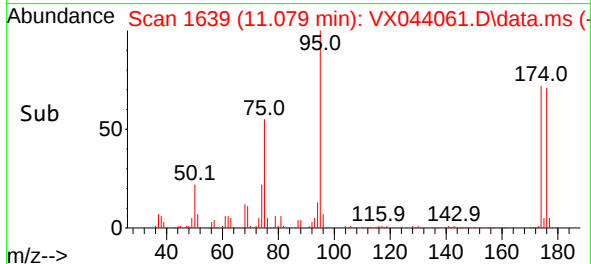
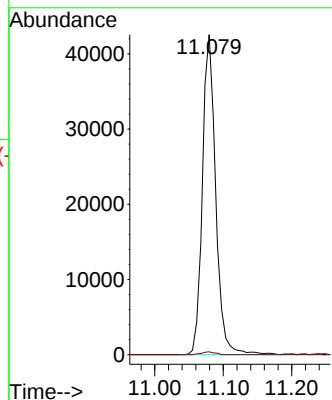
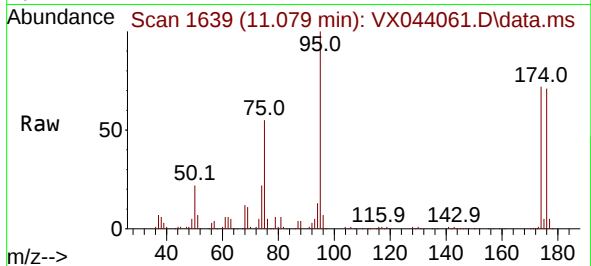




#76
1,2,3-Trichloropropane
Concen: 28.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

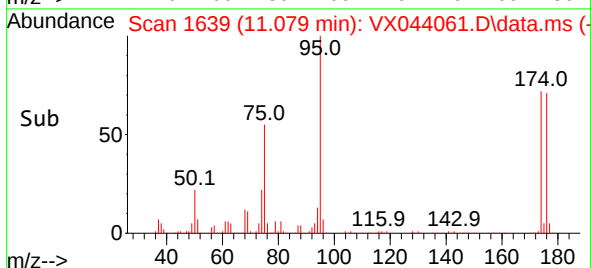
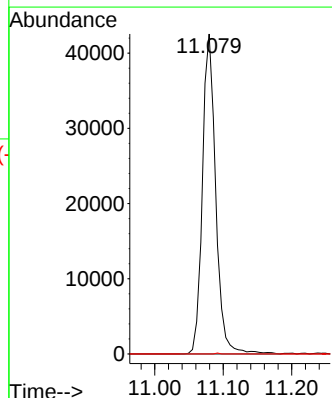
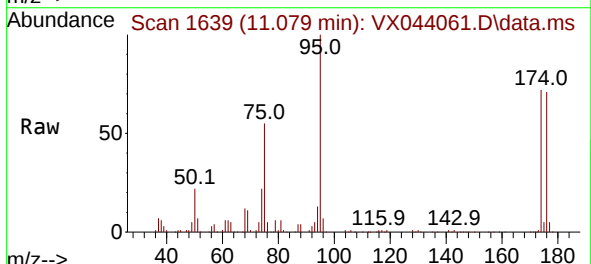
Instrument :
MSVOA_X
ClientSampleId :

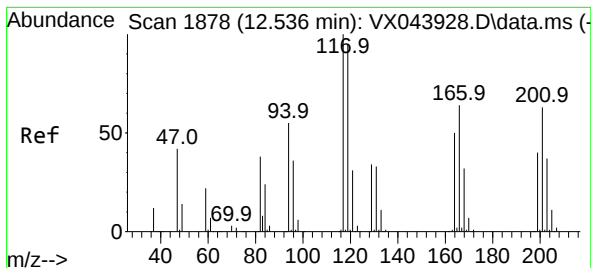
Tgt Ion: 75 Resp: 57519
Ion Ratio Lower Upper
75 100
77 0.9 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044061.D
Acq: 02 Dec 2024 13:21

Tgt Ion: 75 Resp: 57519
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.1 38.2 57.2#





#90

Hexachloroethane

Concen: 0.371 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.165 min

Lab File: VX044061.D

Acq: 02 Dec 2024 13:21

Instrument :

MSVOA_X

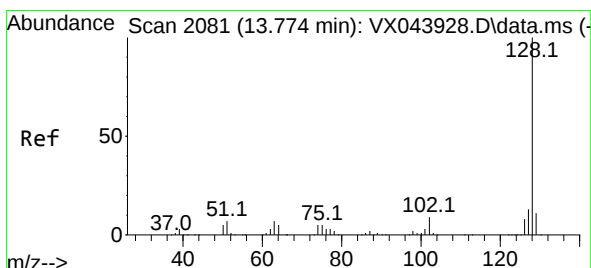
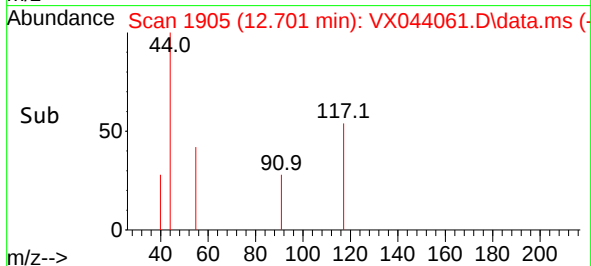
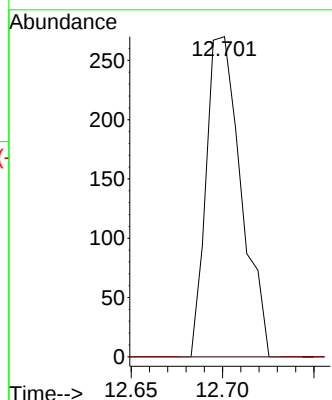
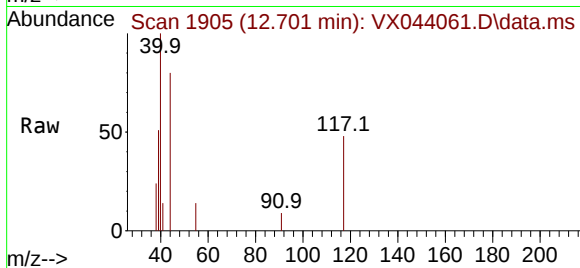
ClientSampleId :

Tgt Ion:117 Resp: 360

Ion Ratio Lower Upper

117 100

201 0.0 32.4 97.0#



#95

Naphthalene

Concen: 0.360 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044061.D

Acq: 02 Dec 2024 13:21

Tgt Ion:128 Resp: 2354

Ion Ratio Lower Upper

128 100

127 15.8 10.2 15.2#

129 4.0 8.6 12.8#

