

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044047.D
 Acq On : 27 Nov 2024 17:43
 Operator : JC/MD
 Sample : P5021-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 00:54:37 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	5.543	168	114475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87261	50.000	ug/l	0.00

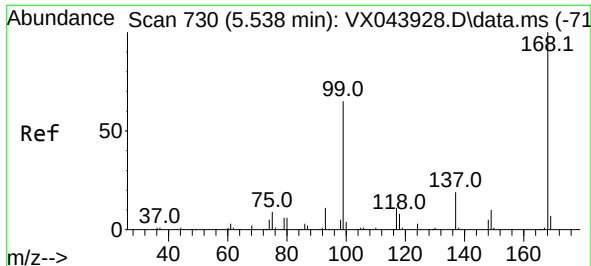
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105752	53.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.720%	
35) Dibromofluoromethane	5.379	113	75333	45.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.640%	
50) Toluene-d8	8.647	98	281906	49.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	11.079	95	98427	51.036	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.080%	

Target Compounds			Qvalue			
3) Chloromethane	1.288	50	634	0.415	ug/l #	72
5) Bromomethane	1.599	94	423	0.424	ug/l #	72
6) Chloroethane	1.636	64	331	0.335	ug/l #	84
13) Acrolein	2.184	56	76	0.229	ug/l #	17
16) Acetone	2.386	43	1655	1.835	ug/l	95
20) Methylene Chloride	2.782	84	596	0.389	ug/l #	65
28) Bromochloromethane	5.098	49	428	0.366	ug/l #	15
29) Tetrahydrofuran	5.025	42	1399	1.961	ug/l #	77
30) Chloroform	5.092	83	5775	2.019	ug/l	87
31) Cyclohexane	5.537	56	3410	1.558	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	11777	5.749	ug/l #	51
38) Carbon Tetrachloride	5.537	117	14058	6.107	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1572	0.637	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55899	29.211	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	55899	79.710	ug/l #	6
95) Naphthalene	13.774	128	13832	2.216	ug/l	97

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

Quant Time: Nov 28 00:54:37 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



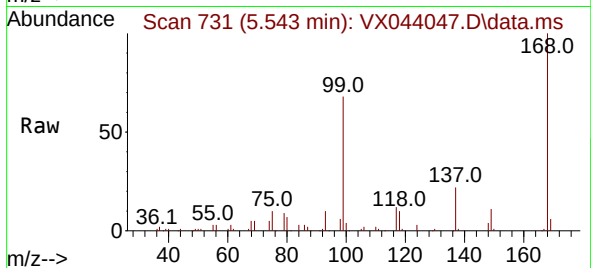


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

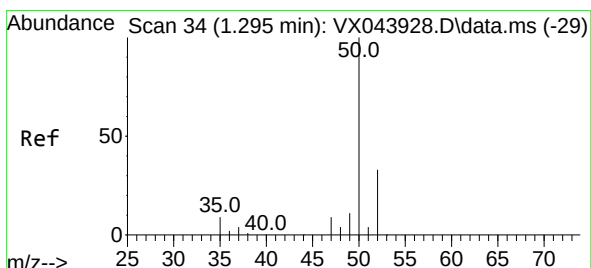
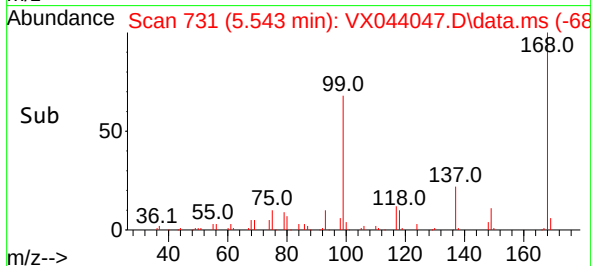
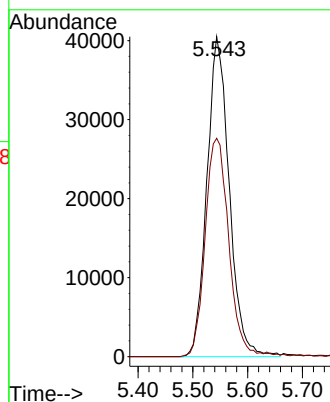
Instrument :

MSVOA_X

ClientSampleId :

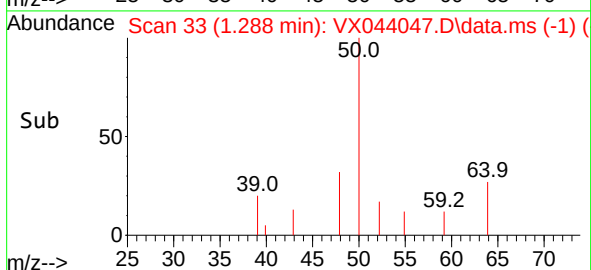
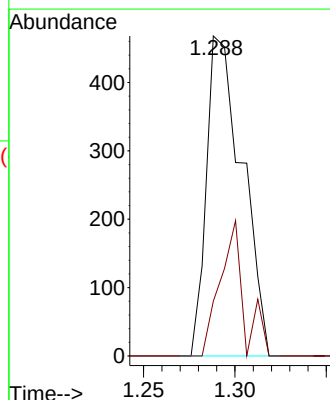
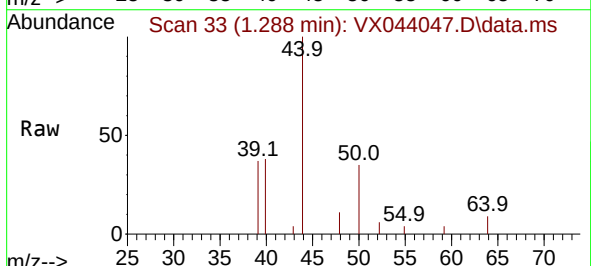


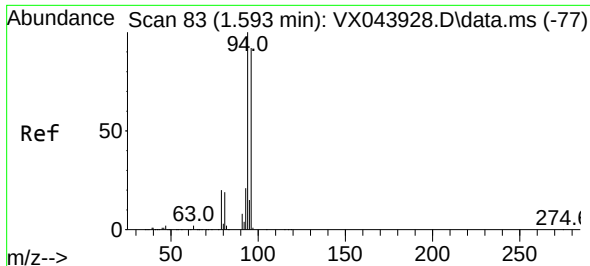
Tgt Ion:168 Resp: 114475
Ion Ratio Lower Upper
168 100
99 68.2 51.8 77.8



#3
Chloromethane
Concen: 0.415 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 17.1 26.1 39.1#

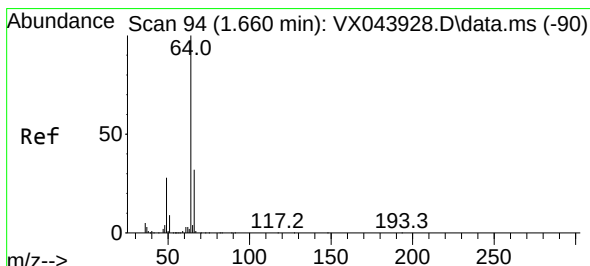
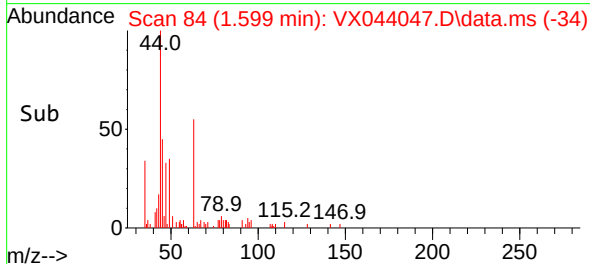
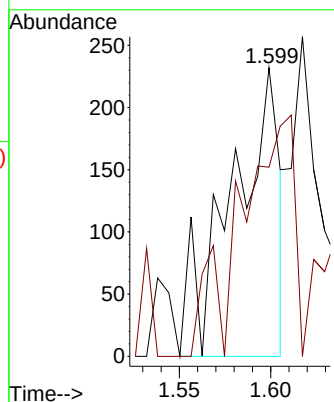
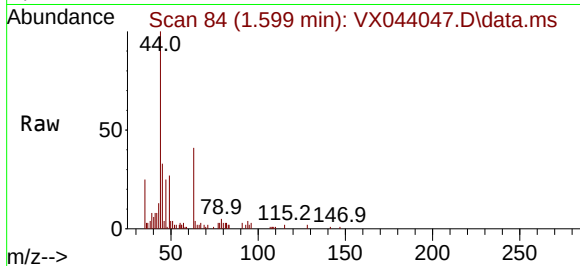




#5
Bromomethane
Concen: 0.424 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

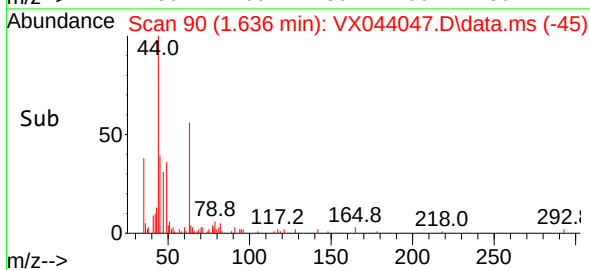
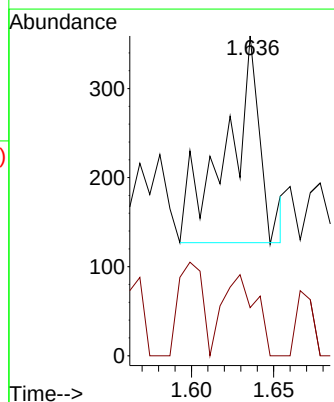
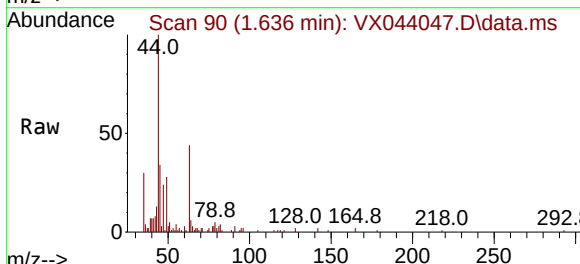
Instrument :
MSVOA_X
ClientSampleId :

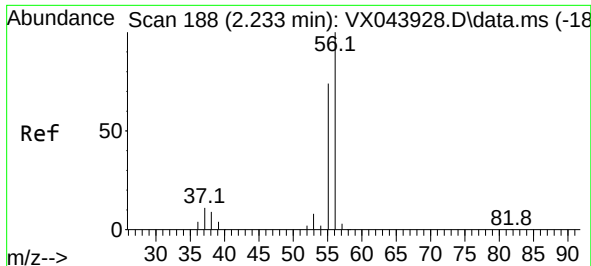
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 65.5 73.9 110.9#



#6
Chloroethane
Concen: 0.335 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.025 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 23.3 25.9 38.9#

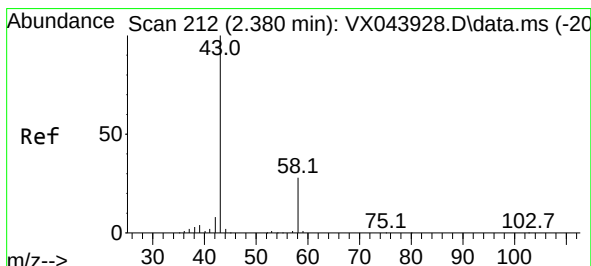
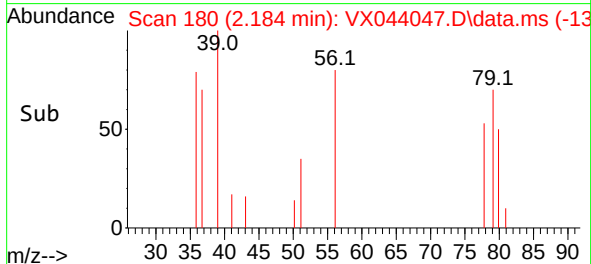
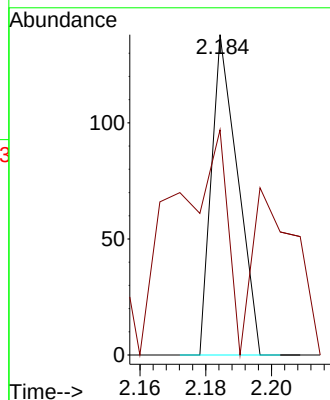
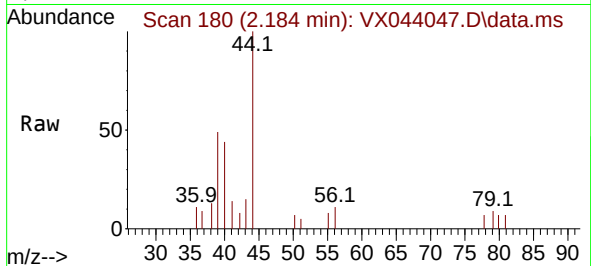




#13
Acrolein
Concen: 0.229 ug/l
RT: 2.184 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

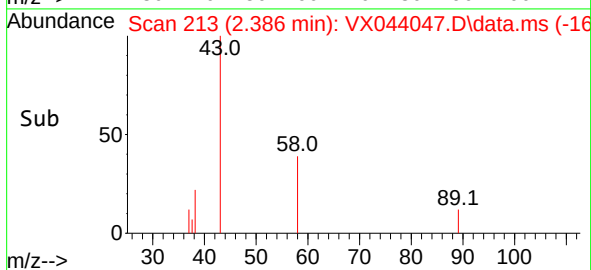
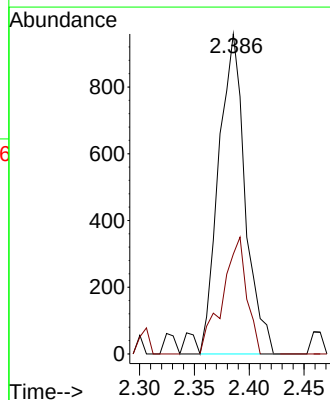
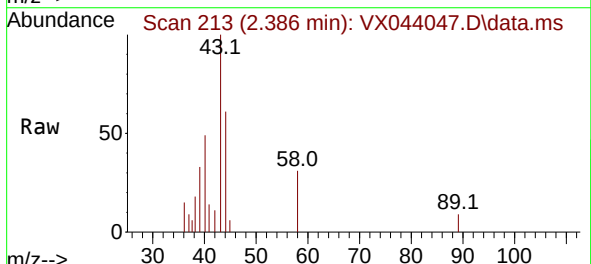
Instrument :
MSVOA_X
ClientSampleId :

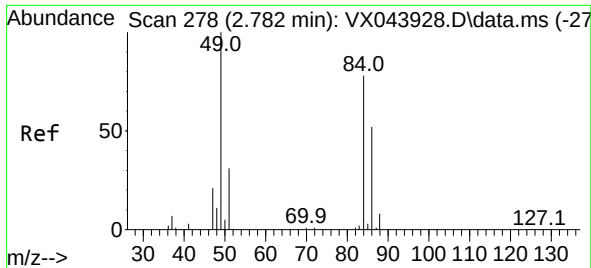
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 142.1 58.2 87.2#



#16
Acetone
Concen: 1.835 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

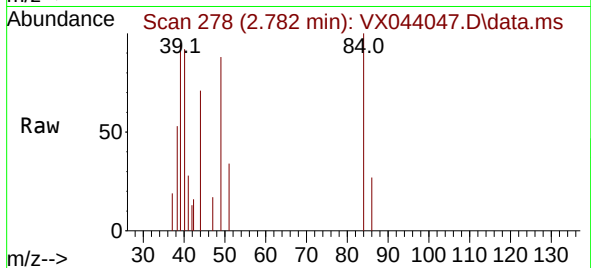
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1



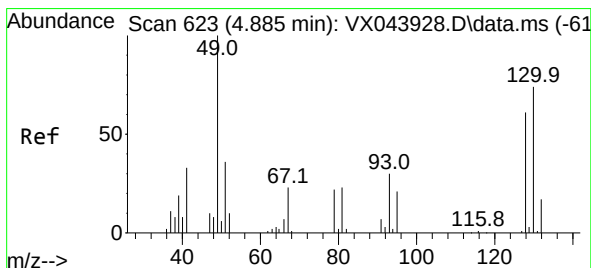
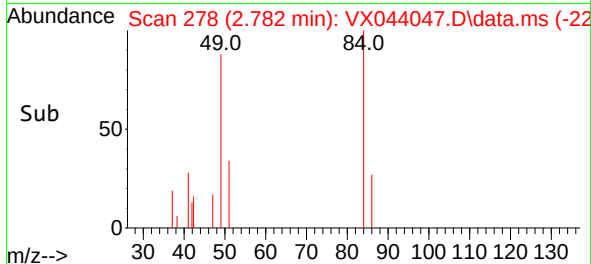
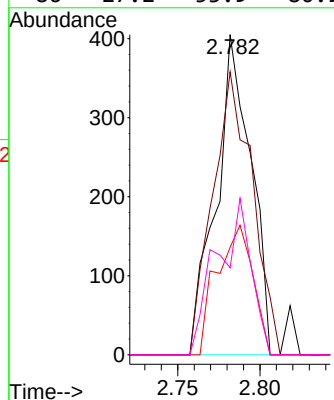


#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :

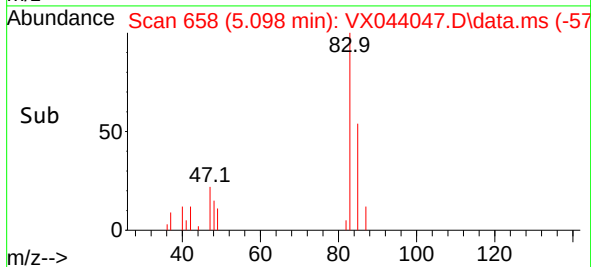
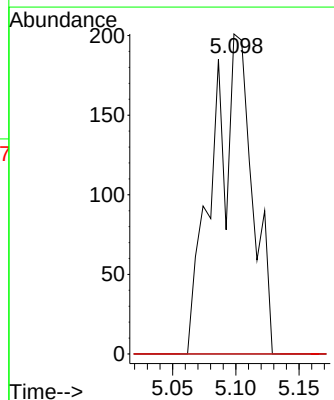
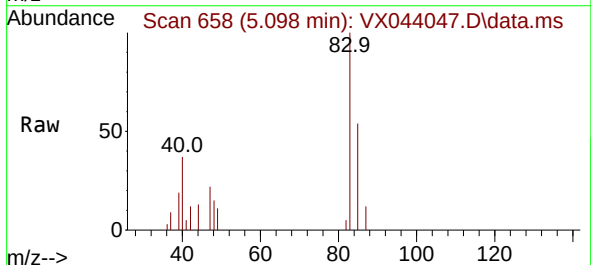


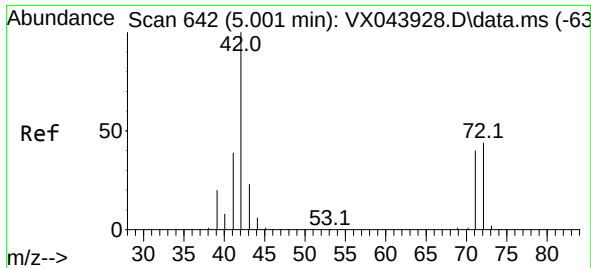
Tgt Ion:	84	Resp:	596
Ion	Ratio	Lower	Upper
84	100		
49	88.4	102.7	154.1#
51	33.6	31.7	47.5
86	27.2	53.9	80.9#



#28
Bromochloromethane
Concen: 0.366 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.213 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion:	49	Resp:	428
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	59.0	88.6#





#29

Tetrahydrofuran

Concen: 1.961 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX044047.D

Acq: 27 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

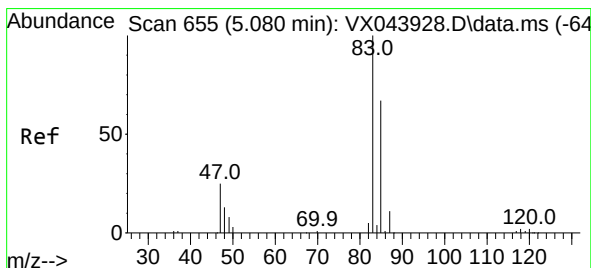
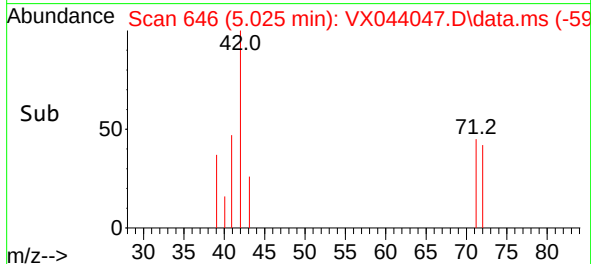
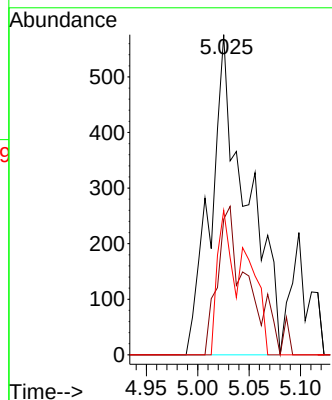
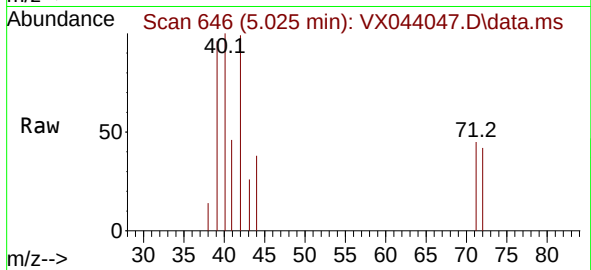
Tgt Ion: 42 Resp: 1399

Ion Ratio Lower Upper

42 100

72 38.4 36.4 54.6

71 18.7 33.4 50.0#



#30

Chloroform

Concen: 2.019 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX044047.D

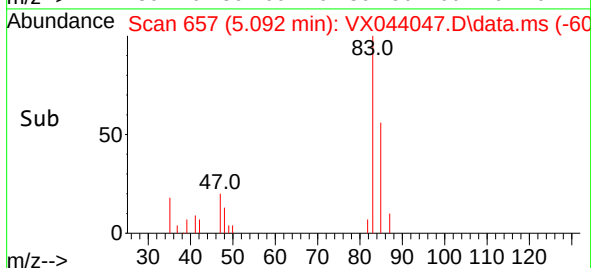
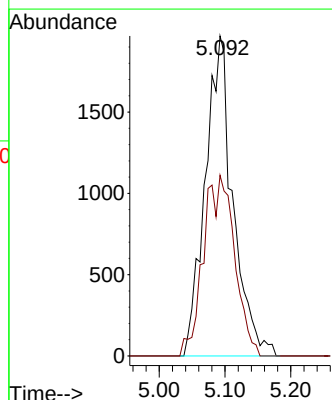
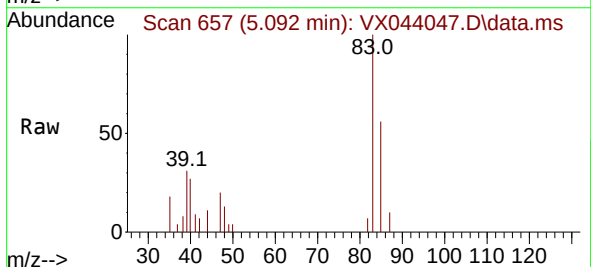
Acq: 27 Nov 2024 17:43

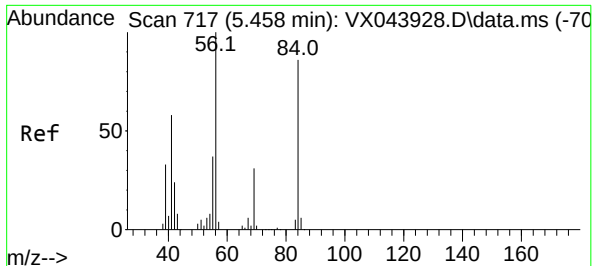
Tgt Ion: 83 Resp: 5775

Ion Ratio Lower Upper

83 100

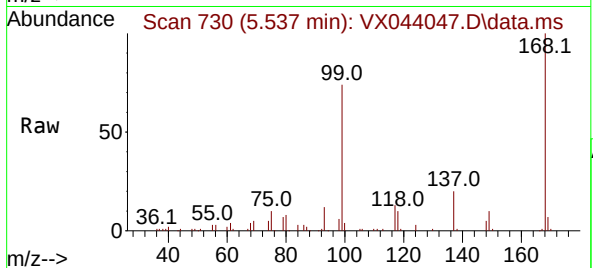
85 56.5 53.5 80.3



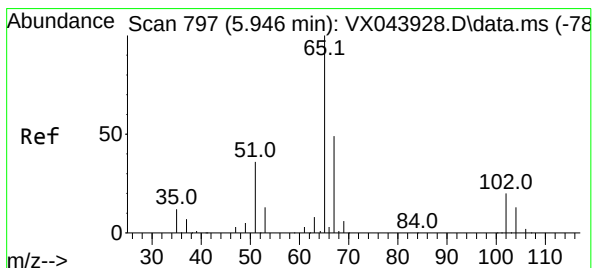
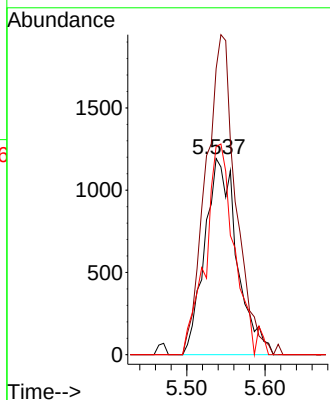
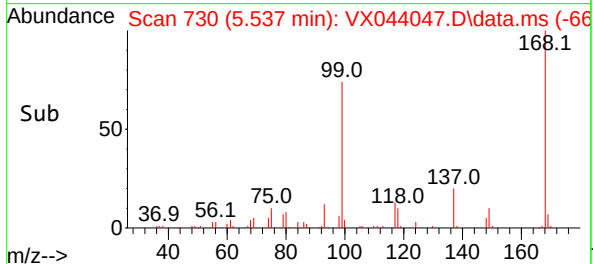


#31
Cyclohexane
Concen: 1.558 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :

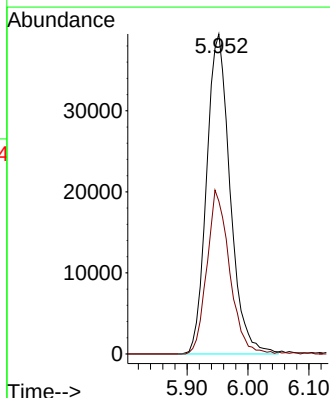
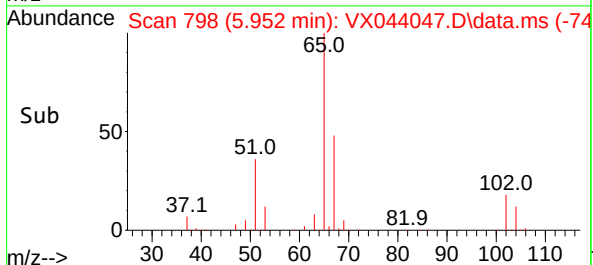
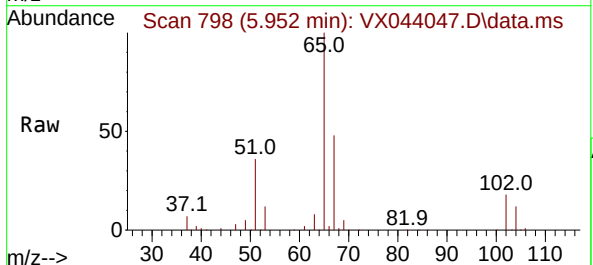


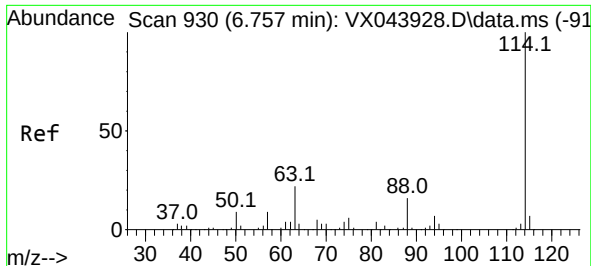
Tgt Ion: 56 Resp: 3410
Ion Ratio Lower Upper
56 100
69 145.8 24.7 37.1#
84 106.1 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 53.861 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion: 65 Resp: 105752
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8

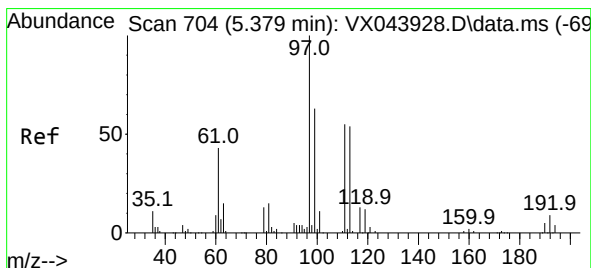
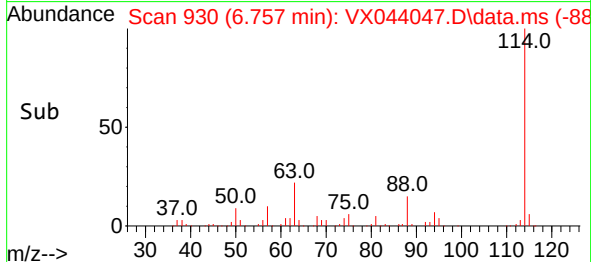
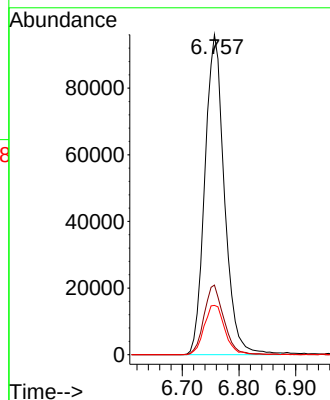
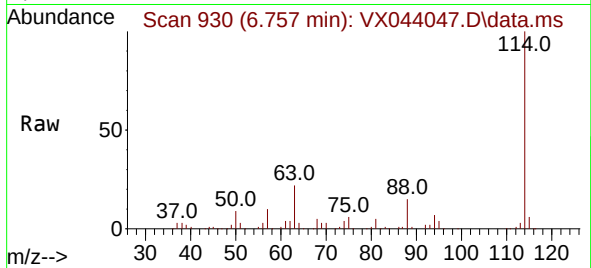




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

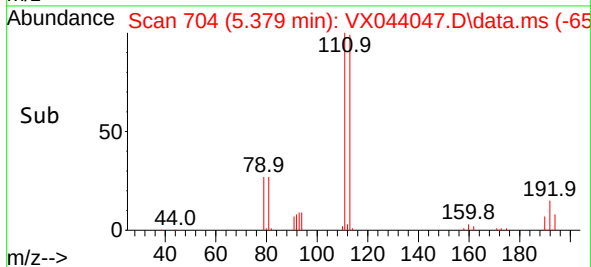
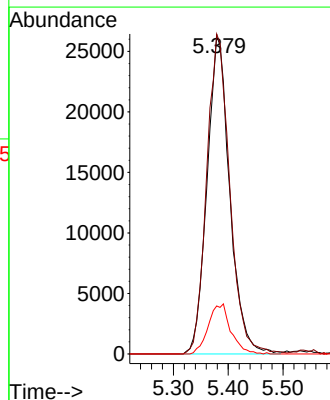
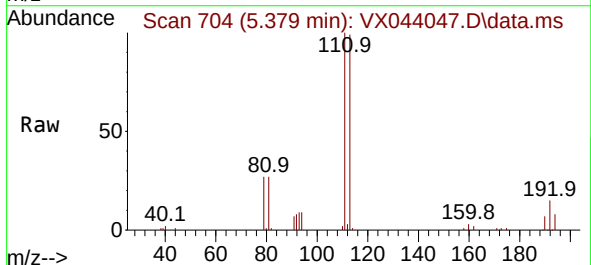
Instrument :
MSVOA_X
ClientSampleId :

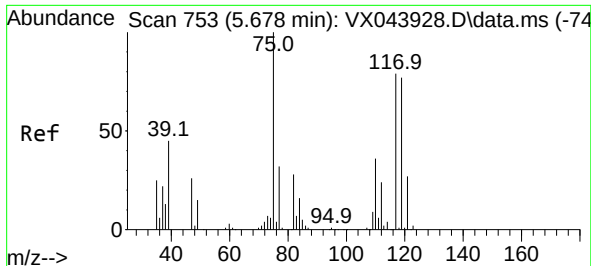
Tgt Ion:114 Resp: 230068
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.824 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion:113 Resp: 75333
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.4
192 15.5 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.749 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX044047.D

Acq: 27 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

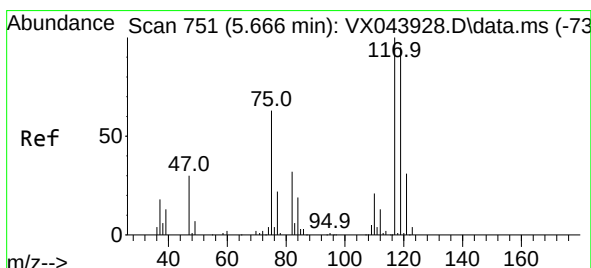
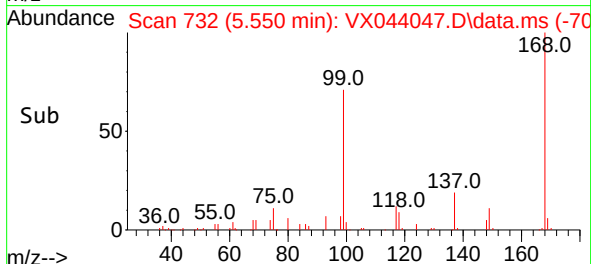
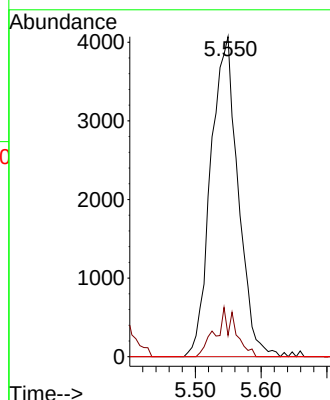
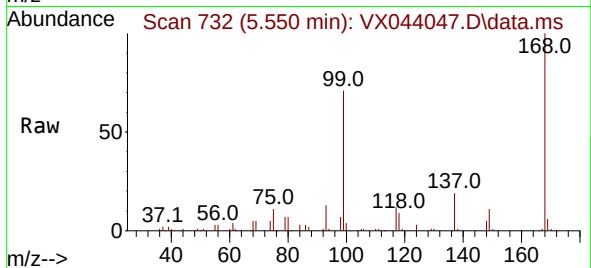
Tgt Ion: 75 Resp: 11777

Ion Ratio Lower Upper

75 100

110 11.1 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.107 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX044047.D

Acq: 27 Nov 2024 17:43

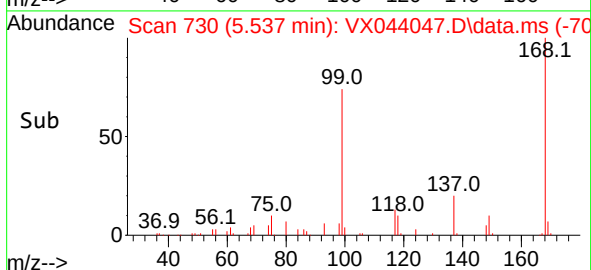
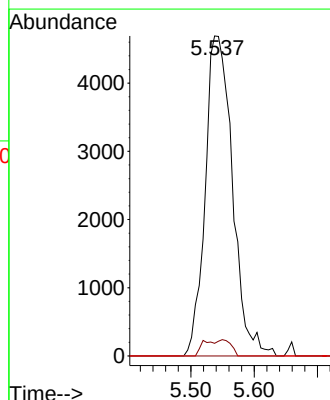
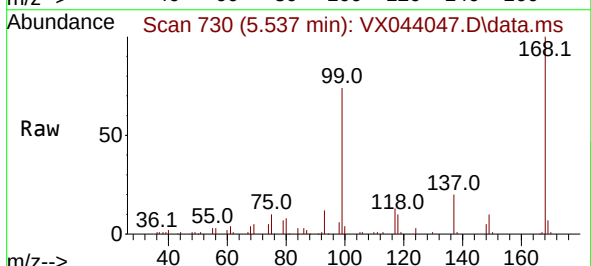
Tgt Ion: 117 Resp: 14058

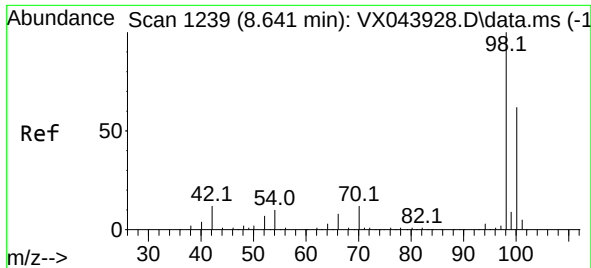
Ion Ratio Lower Upper

117 100

119 3.9 75.2 112.8#

121 0.0 24.5 36.7#

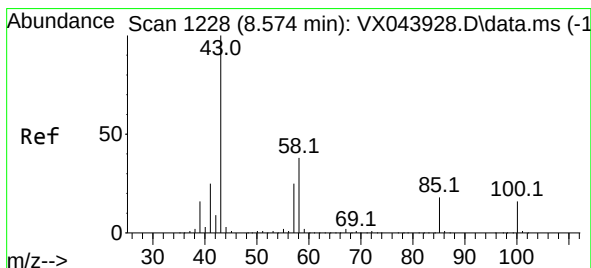
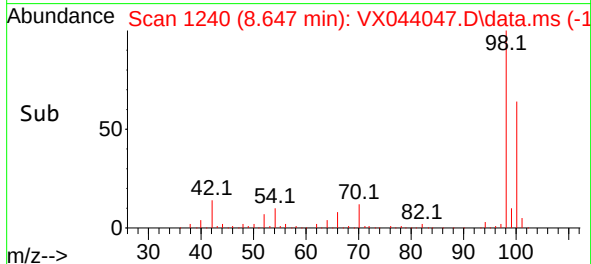
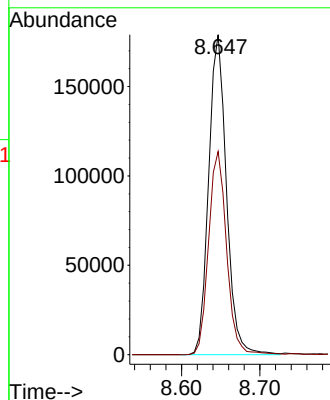
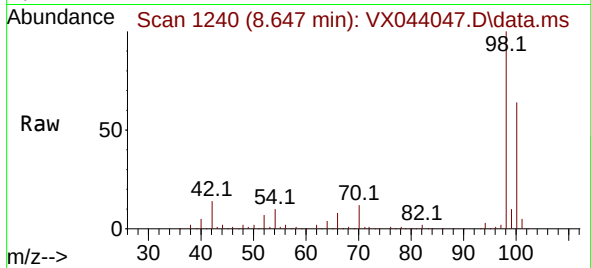




#50
Toluene-d8
Concen: 49.746 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

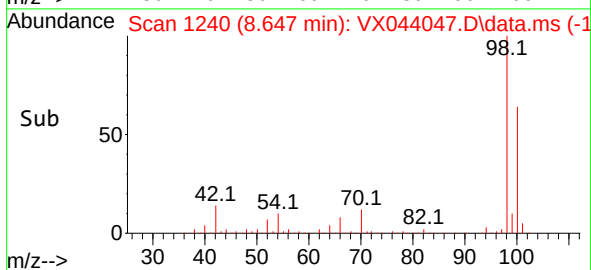
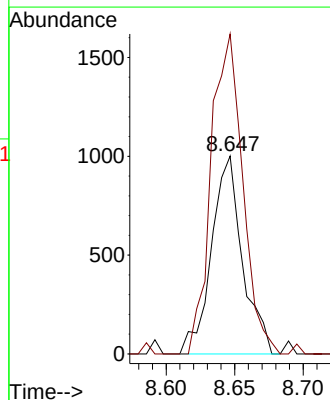
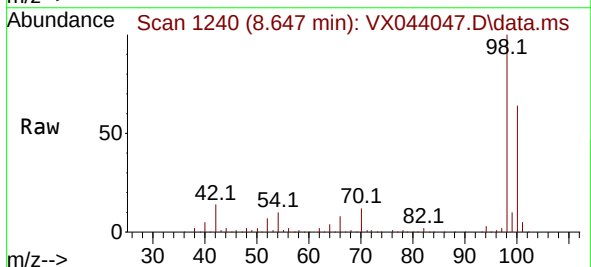
Instrument :
MSVOA_X
ClientSampleId :

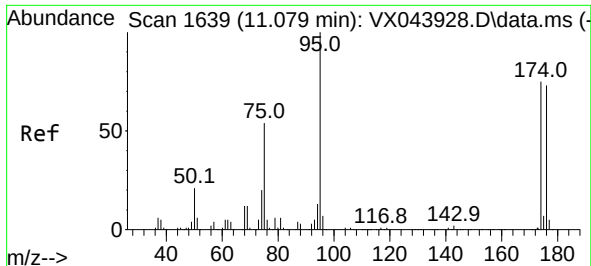
Tgt Ion: 98 Resp: 281906
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 165.4 30.0 45.0#

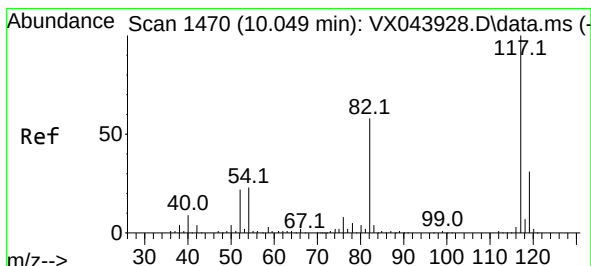
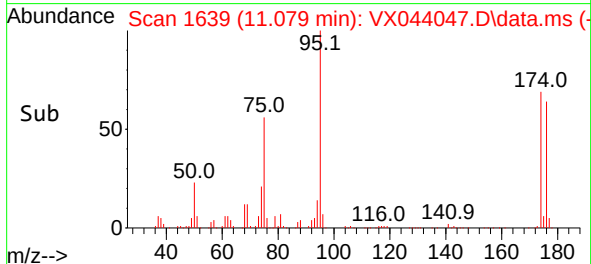
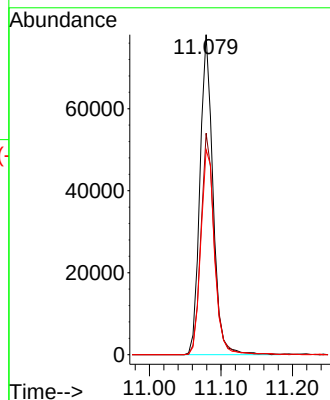
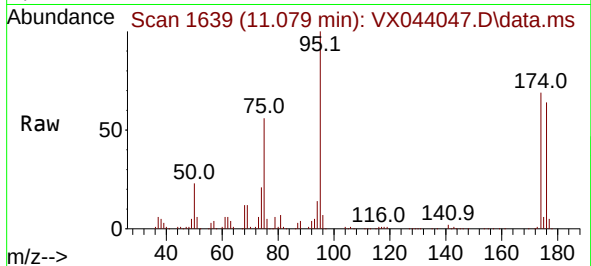




#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

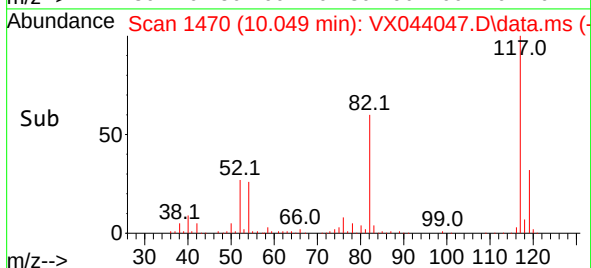
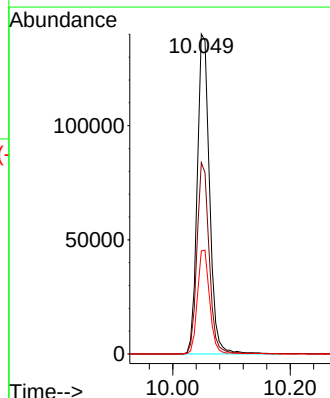
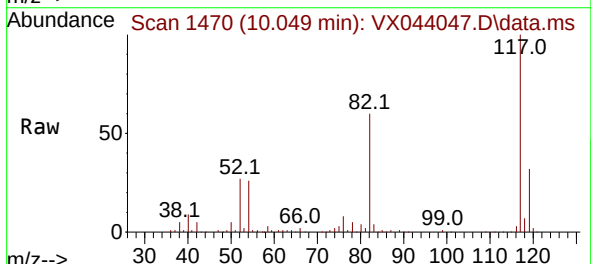
Instrument :
MSVOA_X
ClientSampleId :

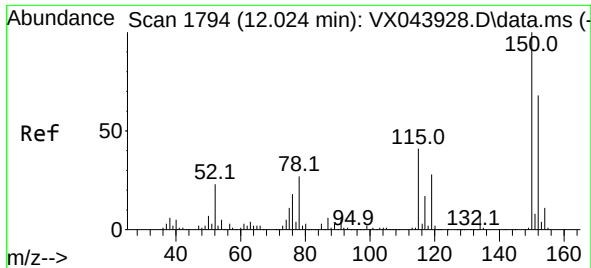
Tgt Ion: 95 Resp: 98427
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.4
176 68.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

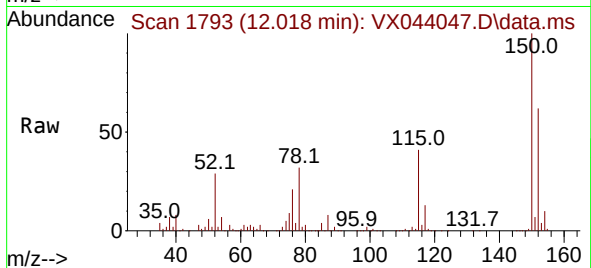
Tgt Ion: 117 Resp: 203201
Ion Ratio Lower Upper
117 100
82 59.8 46.4 69.6
119 32.2 24.6 37.0



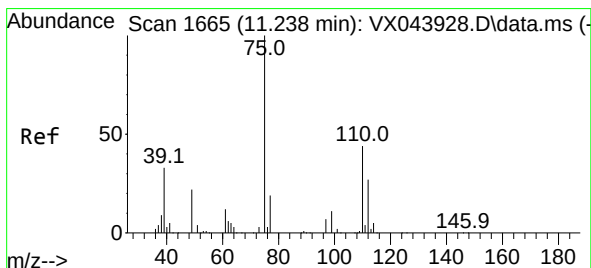
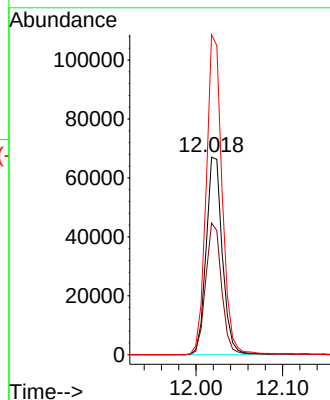
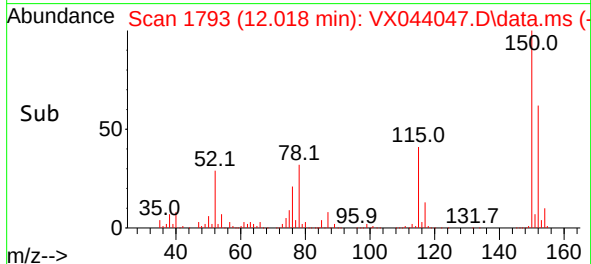


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :

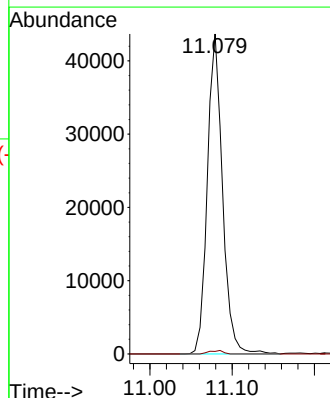
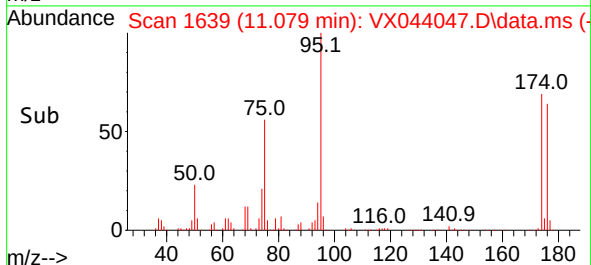
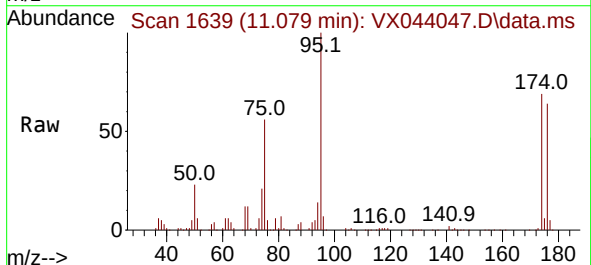


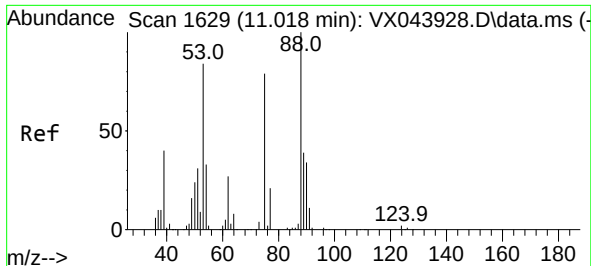
Tgt Ion:152 Resp: 87261
Ion Ratio Lower Upper
152 100
115 65.8 45.4 136.2
150 158.9 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 29.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion: 75 Resp: 55899
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.3#

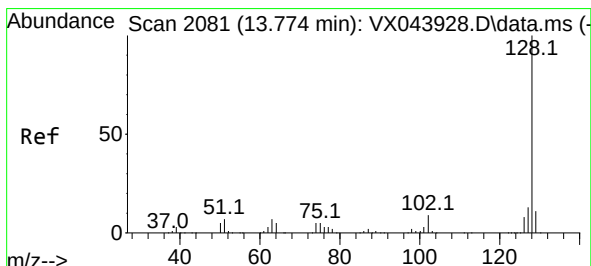
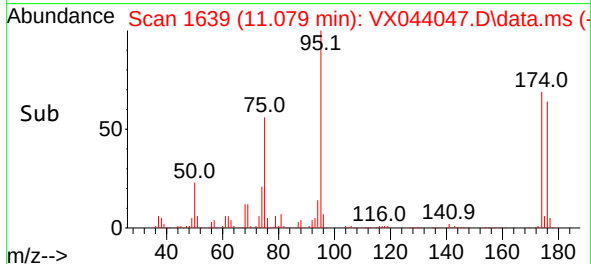
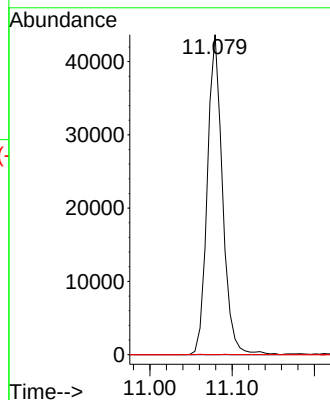
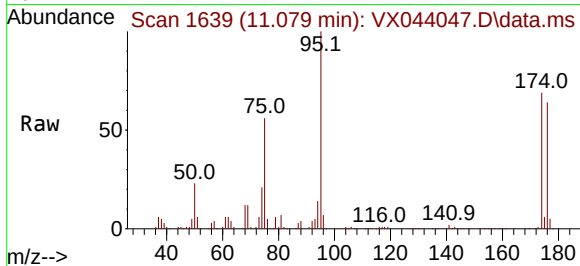




#81
trans-1,4-Dichloro-2-butene
Concen: 79.710 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 55899
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 2.216 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044047.D
Acq: 27 Nov 2024 17:43

Tgt Ion: 128 Resp: 13832
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 12.1 8.6 12.8

