

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044029.D
 Acq On : 27 Nov 2024 10:50
 Operator : JC/MD
 Sample : P5006-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 00:42:10 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)

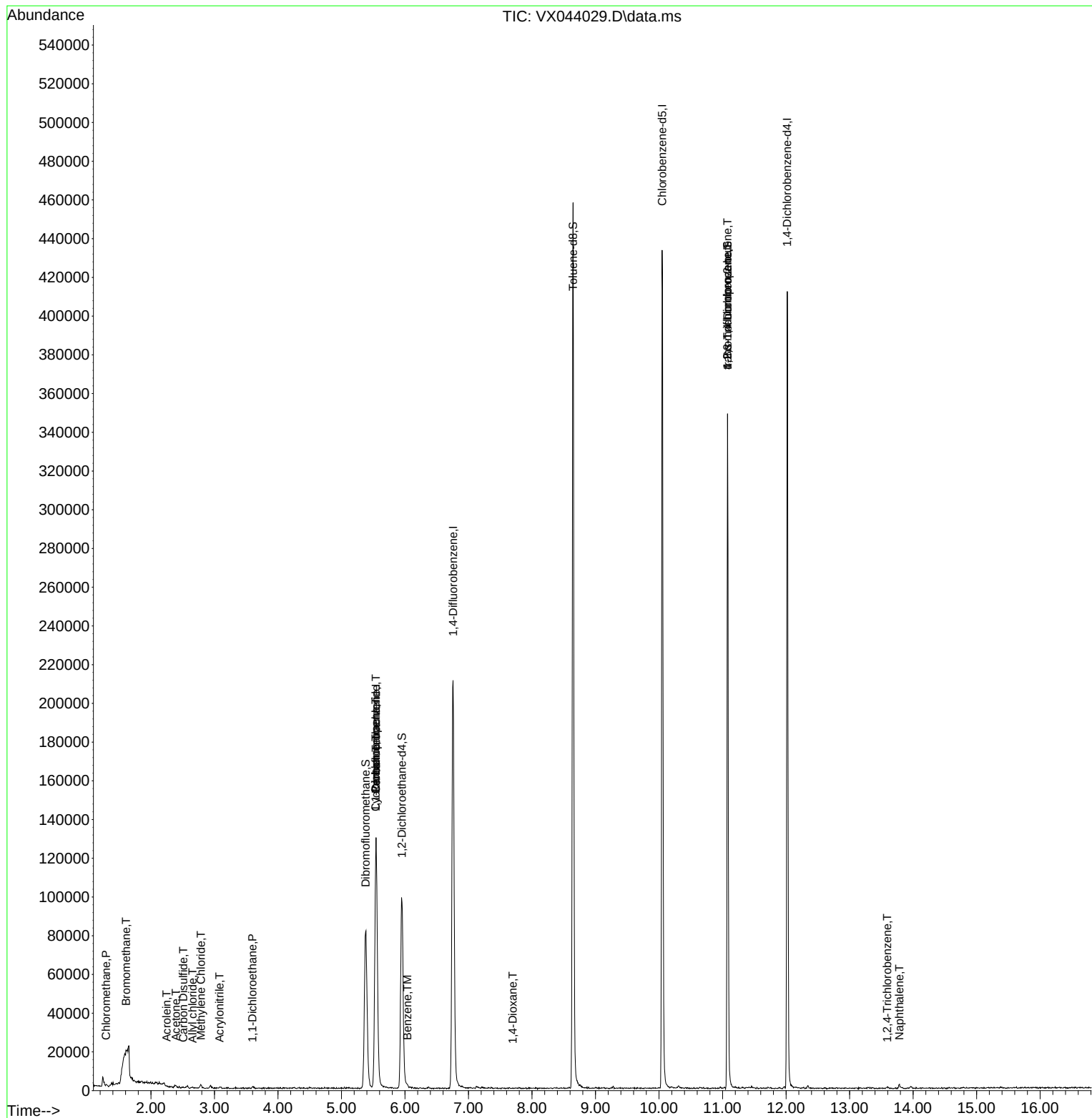
Internal Standards						
1) Pentafluorobenzene	5.543	168	110847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97214	51.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.260%	
35) Dibromofluoromethane	5.379	113	71633	47.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.760%	
50) Toluene-d8	8.646	98	270234	51.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	11.079	95	86685	48.872	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	687	0.465	ug/l #	80
5) Bromomethane	1.605	94	424	0.439	ug/l #	64
13) Acrolein	2.245	56	154	0.479	ug/l #	13
14) Allyl chloride	2.654	41	424	0.203	ug/l #	47
15) Acrylonitrile	3.080	53	192	0.258	ug/l #	55
16) Acetone	2.391	43	1399	1.602	ug/l	100
17) Carbon Disulfide	2.507	76	691	0.262	ug/l #	76
20) Methylene Chloride	2.788	84	840	0.567	ug/l #	76
24) 1,1-Dichloroethane	3.599	63	631	0.245	ug/l #	82
31) Cyclohexane	5.537	56	3100	1.463	ug/l #	32
36) 1,1-Dichloropropene	5.537	75	10554	5.602	ug/l #	49
38) Carbon Tetrachloride	5.543	117	13346	6.304	ug/l #	17
40) Benzene	6.037	78	1182	0.201	ug/l #	85
49) 1,4-Dioxane	7.695	88	24	0.754	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50537	28.621	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50537	78.099	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	391	0.244	ug/l #	73
95) Naphthalene	13.786	128	2044	0.355	ug/l #	92

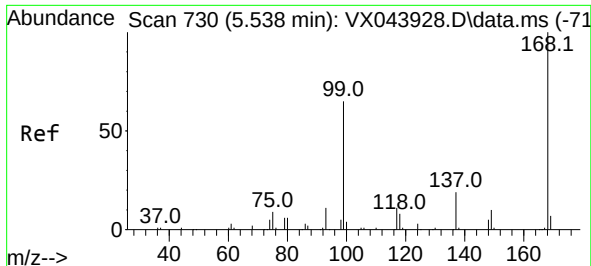
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX044029.D

Acq: 27 Nov 2024 10:50

Instrument :

MSVOA_X

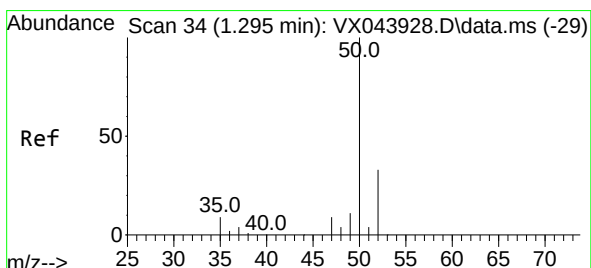
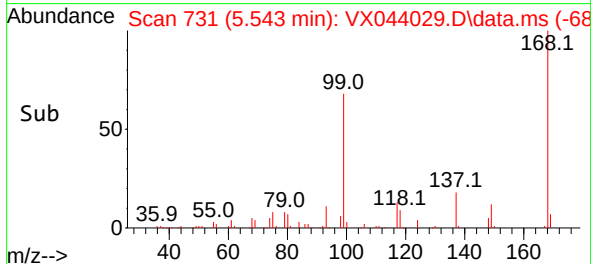
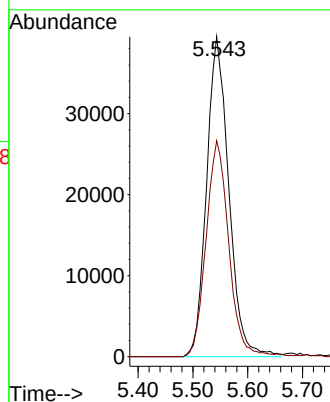
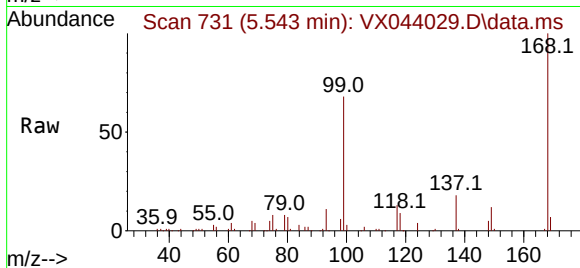
ClientSampleId :

Tgt Ion:168 Resp: 110847

Ion Ratio Lower Upper

168 100

99 67.5 51.8 77.8



#3

Chloromethane

Concen: 0.465 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX044029.D

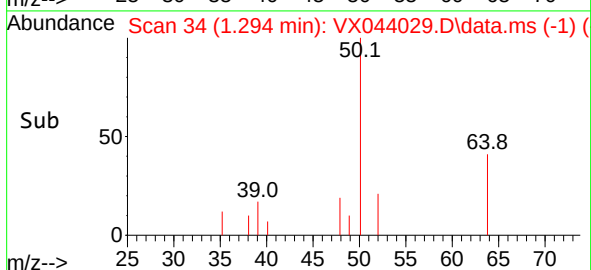
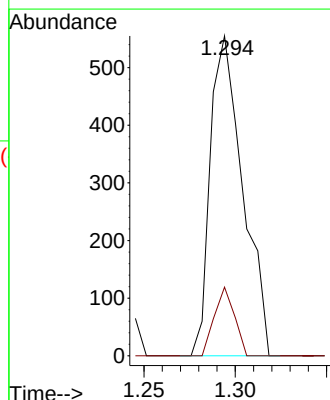
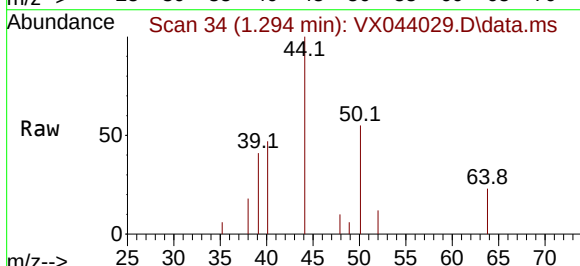
Acq: 27 Nov 2024 10:50

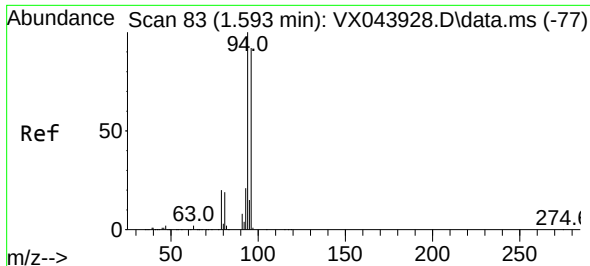
Tgt Ion: 50 Resp: 687

Ion Ratio Lower Upper

50 100

52 21.4 26.1 39.1#

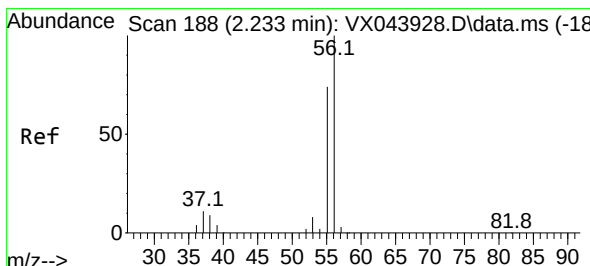
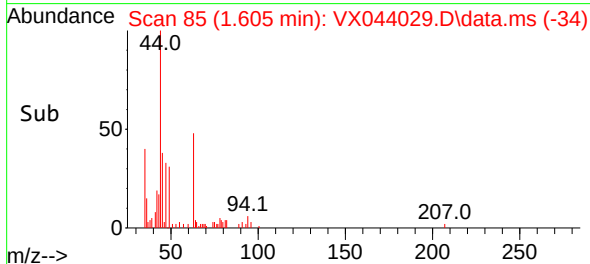
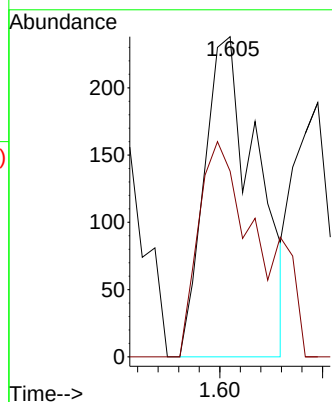
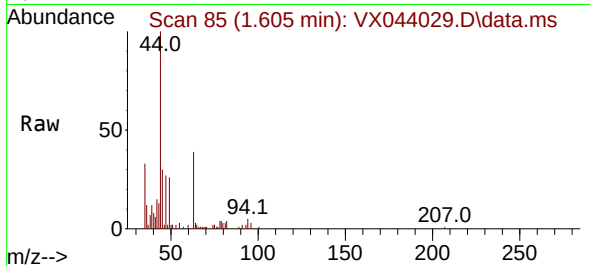




#5
Bromomethane
Concen: 0.439 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

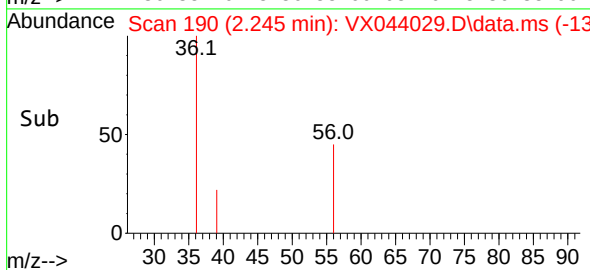
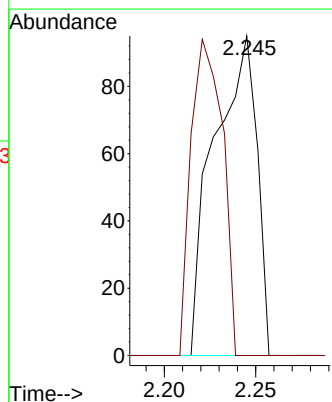
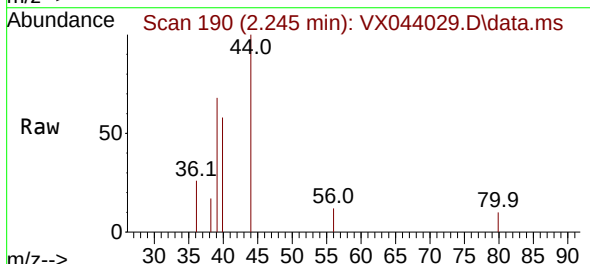
Instrument :
MSVOA_X
ClientSampleId :

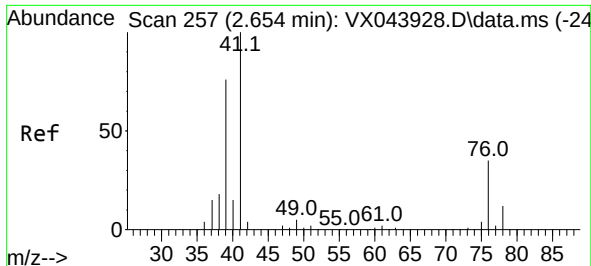
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 58.0 73.9 110.9#



#13
Acrolein
Concen: 0.479 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#

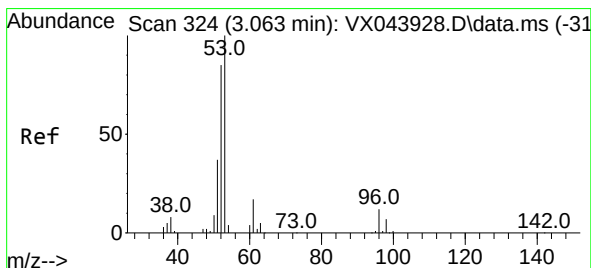
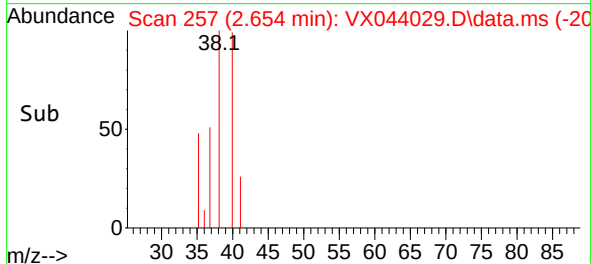
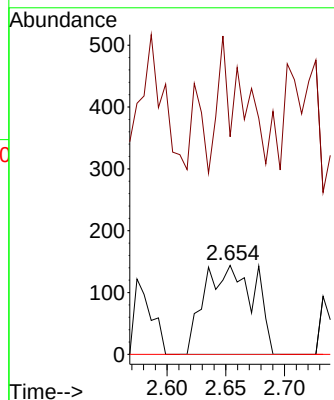
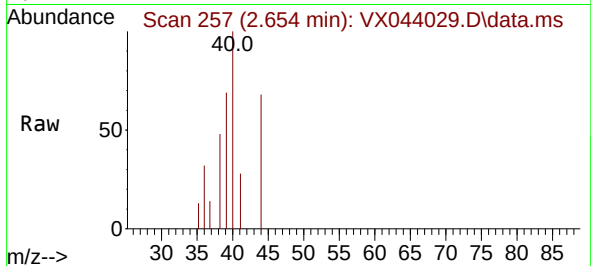




#14
 Allyl chloride
 Concen: 0.203 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VX044029.D
 Acq: 27 Nov 2024 10:50

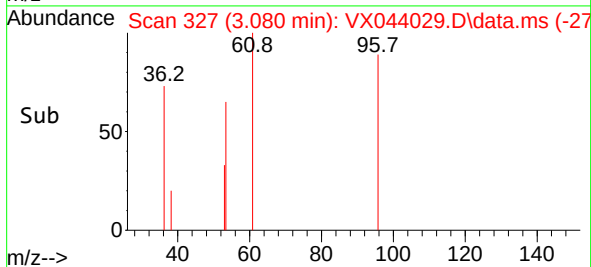
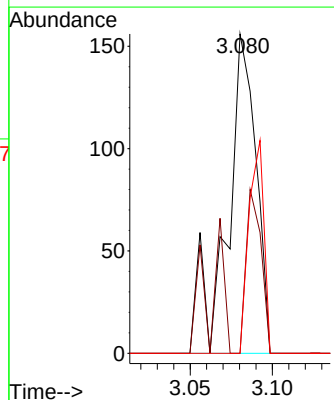
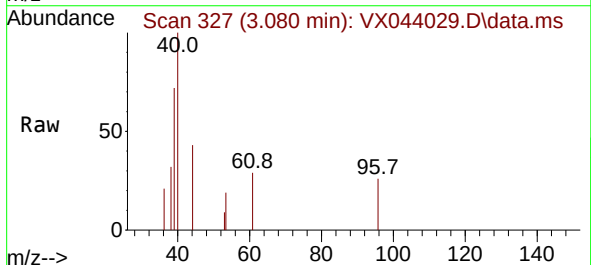
Instrument :
 MSVOA_X
 ClientSampleId :

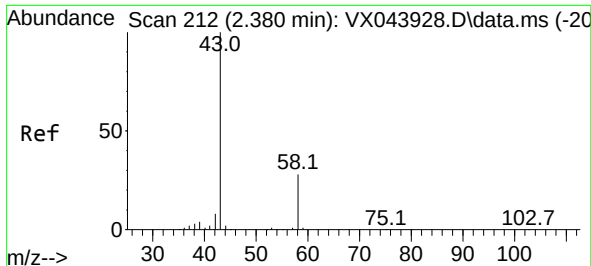
Tgt Ion: 41 Resp: 424
 Ion Ratio Lower Upper
 41 100
 39 32.1 59.5 89.3#
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 0.258 ug/l
 RT: 3.080 min Scan# 327
 Delta R.T. 0.018 min
 Lab File: VX044029.D
 Acq: 27 Nov 2024 10:50

Tgt Ion: 53 Resp: 192
 Ion Ratio Lower Upper
 53 100
 52 26.6 66.5 99.7#
 51 34.4 30.2 45.4

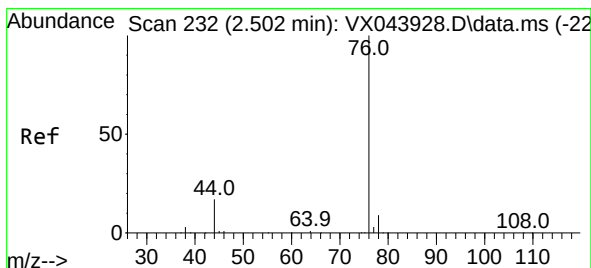
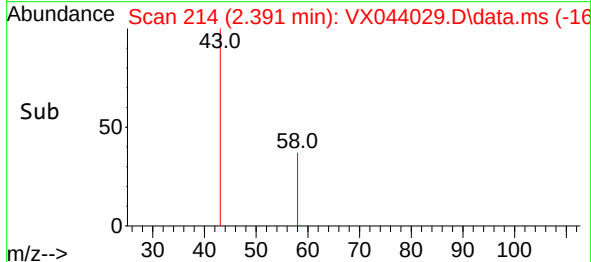
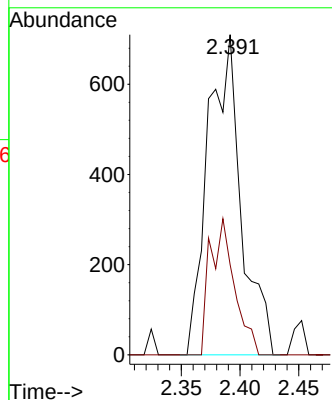
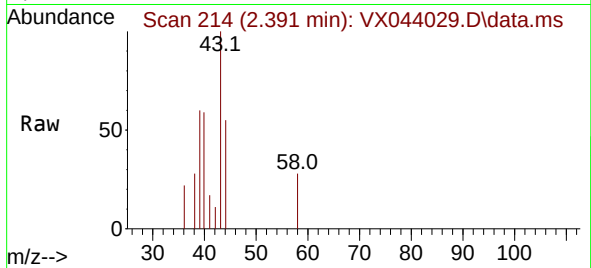




#16
Acetone
Concen: 1.602 ug/l
RT: 2.391 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

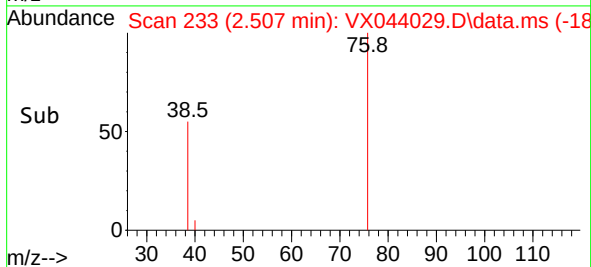
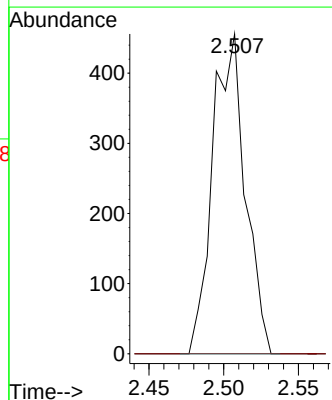
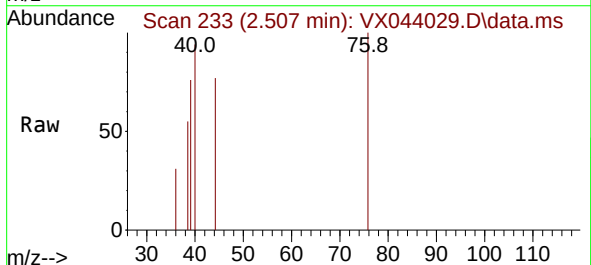
Instrument :
MSVOA_X
ClientSampleId :

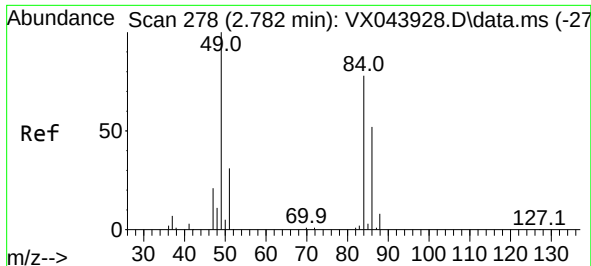
Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 76 Resp: 691
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



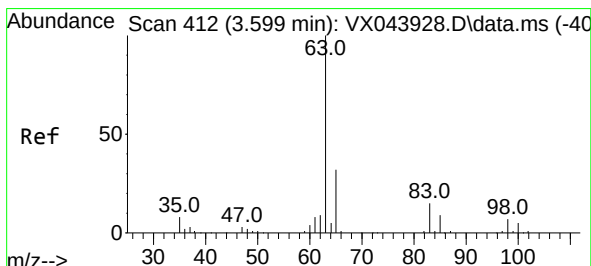
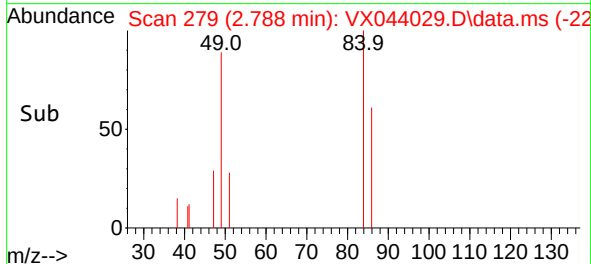
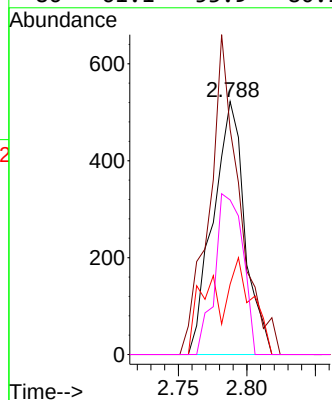
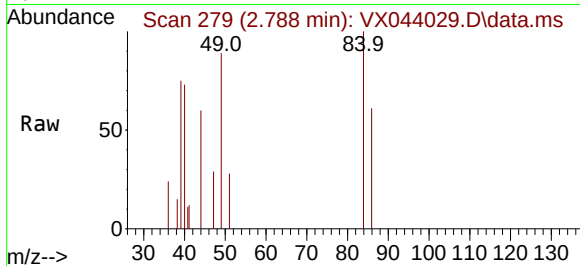


#20
Methylene Chloride
Concen: 0.567 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 840

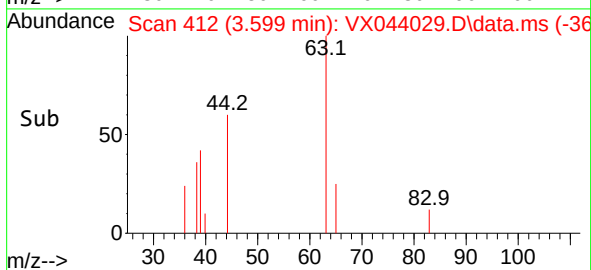
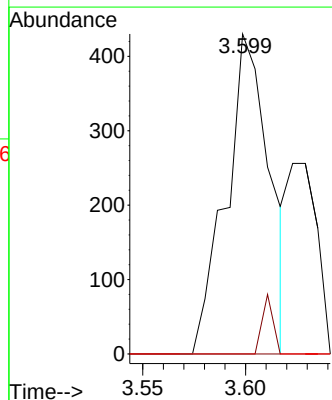
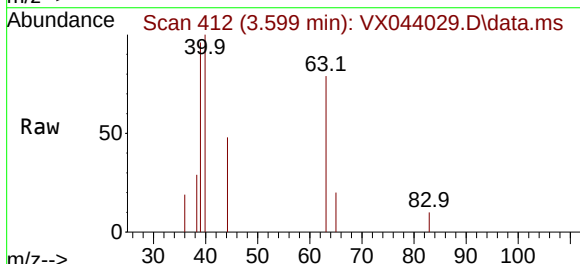
Ion	Ratio	Lower	Upper
84	100		
49	89.1	102.7	154.1#
51	27.8	31.7	47.5#
86	61.1	53.9	80.9

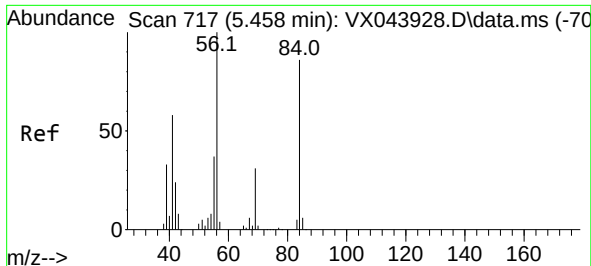


#24
1,1-Dichloroethane
Concen: 0.245 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.001 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 63 Resp: 631

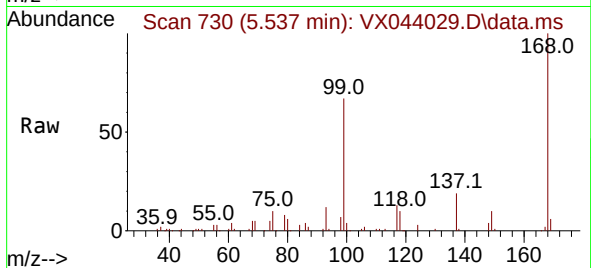
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.6#
100	0.0	2.4	7.1#



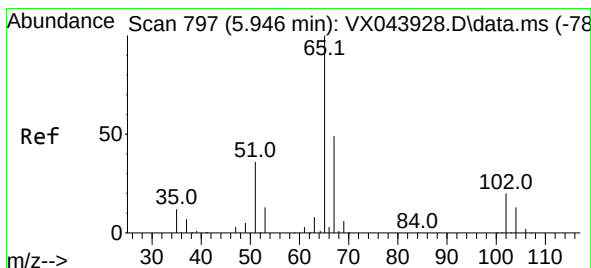
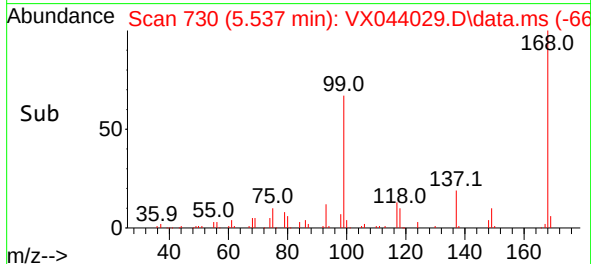
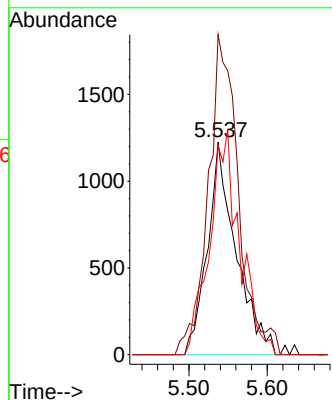


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :

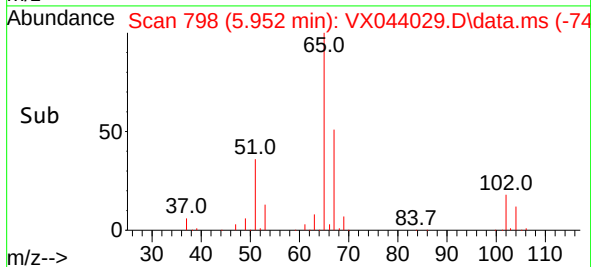
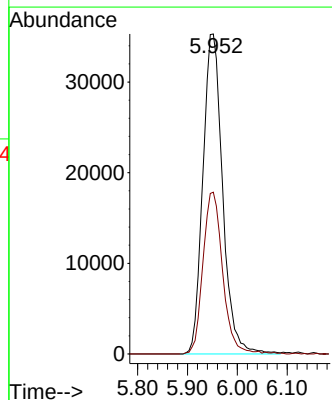
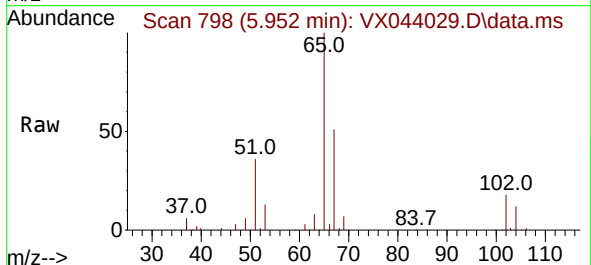


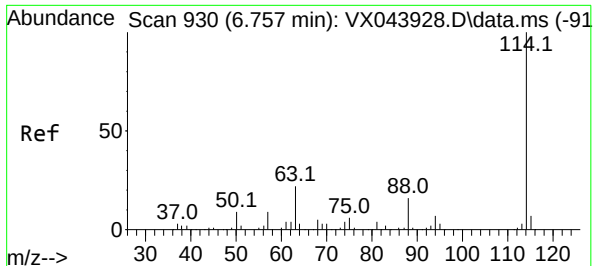
Tgt Ion: 56 Resp: 3100
Ion Ratio Lower Upper
56 100
69 150.5 24.7 37.1#
84 98.4 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 51.133 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

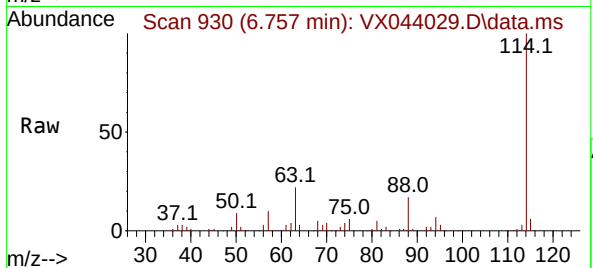
Tgt Ion: 65 Resp: 97214
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8



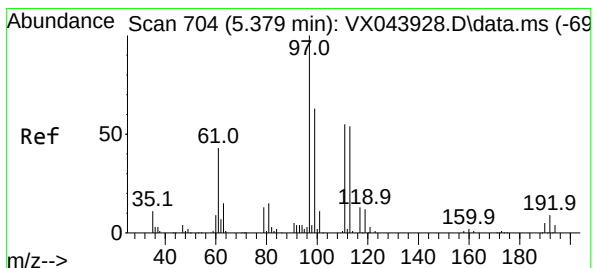
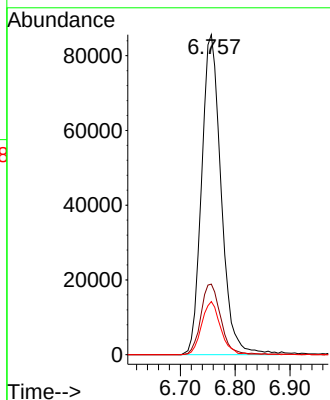
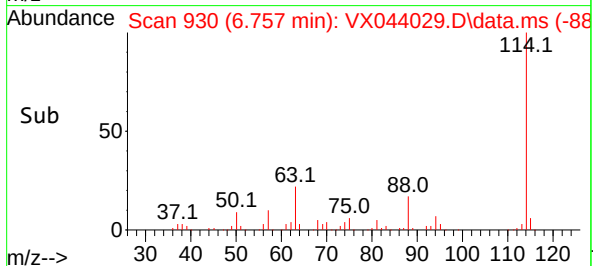


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.001 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :

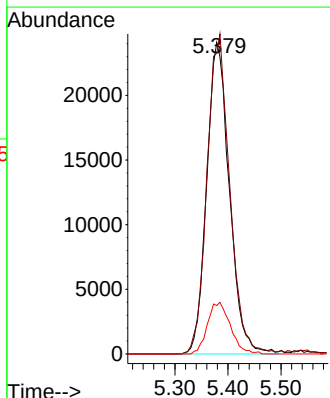
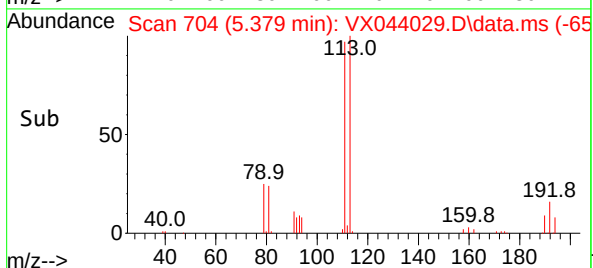
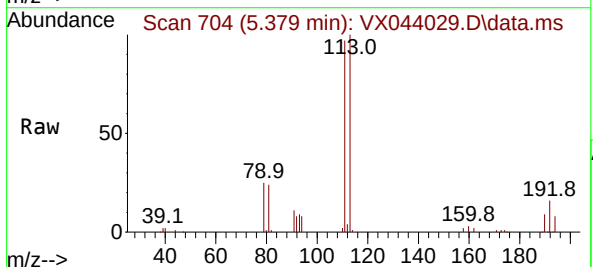


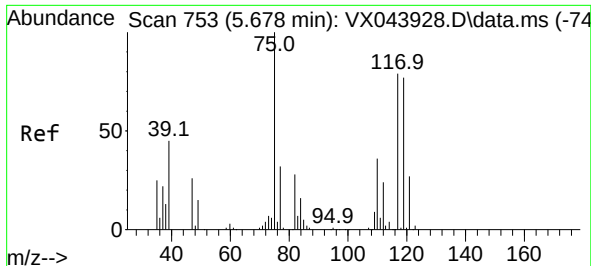
Tgt Ion:114 Resp: 211591
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.379 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.001 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

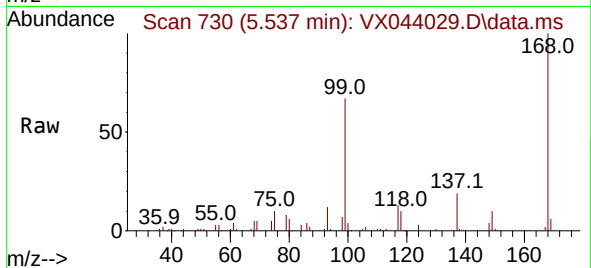
Tgt Ion:113 Resp: 71633
Ion Ratio Lower Upper
113 100
111 102.7 81.0 121.4
192 16.8 13.0 19.6



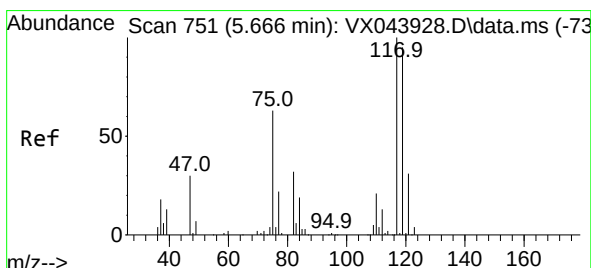
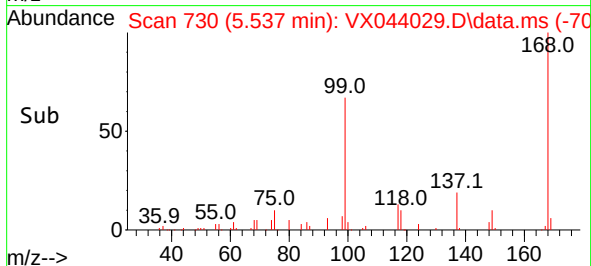
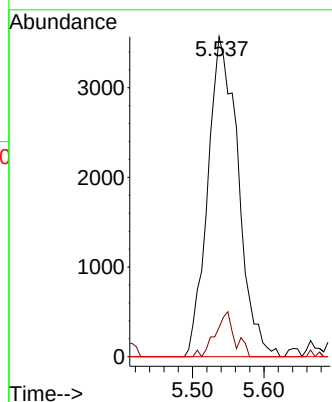


#36
1,1-Dichloropropene
Concen: 5.602 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :

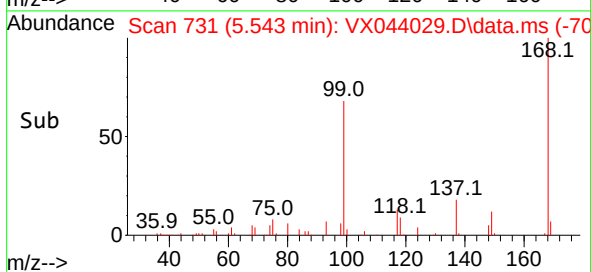
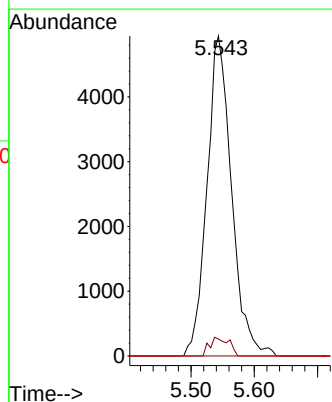
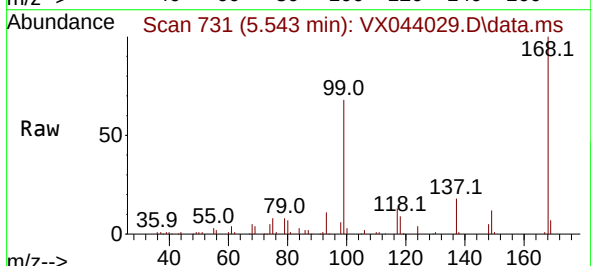


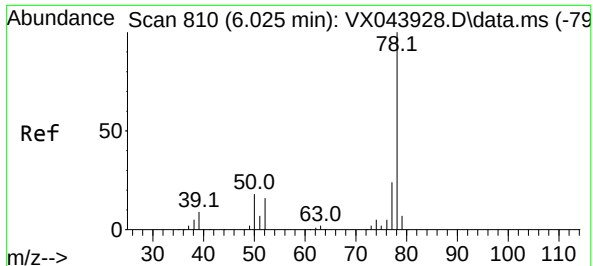
Tgt Ion: 75 Resp: 10554
Ion Ratio Lower Upper
75 100
110 9.0 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 117 Resp: 13346
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 24.5 36.7#

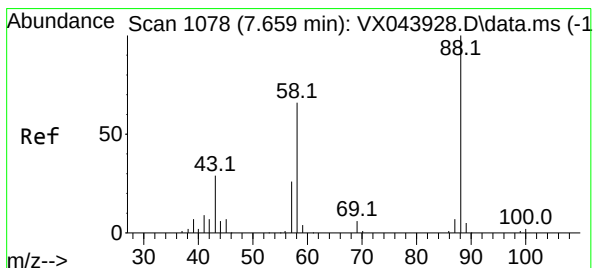
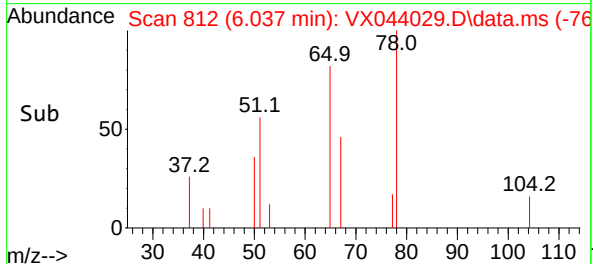
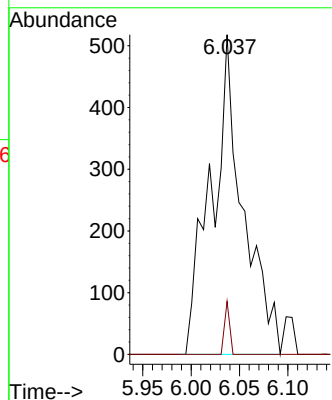
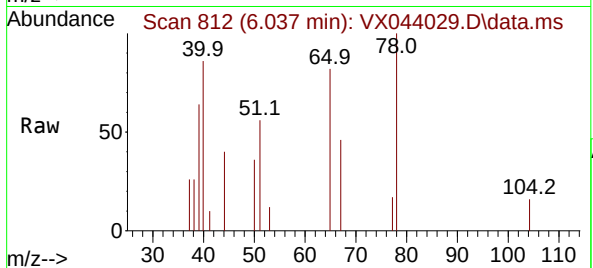




#40
Benzene
Concen: 0.201 ug/l
RT: 6.037 min Scan# 810
Delta R.T. 0.012 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

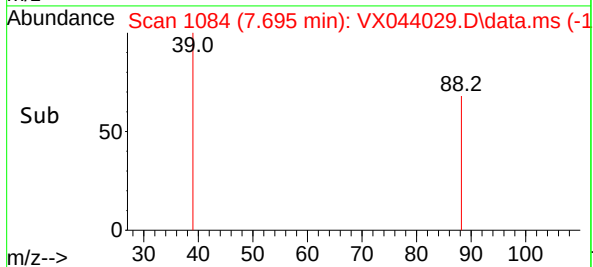
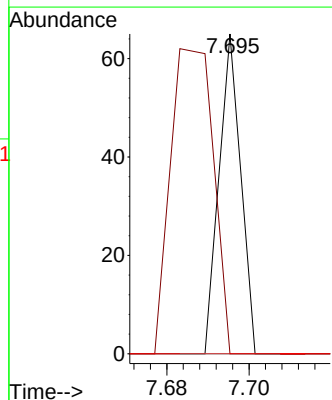
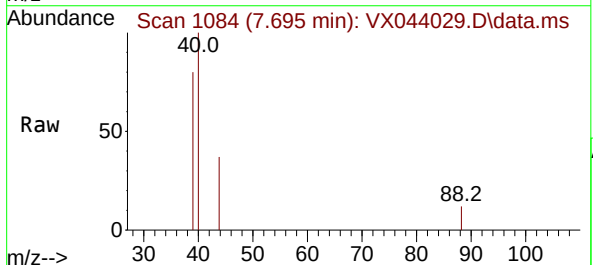
Instrument :
MSVOA_X
ClientSampleId :

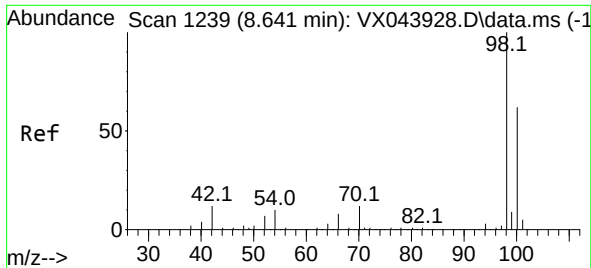
Tgt Ion: 78 Resp: 1182
Ion Ratio Lower Upper
78 100
77 16.6 19.2 28.8#



#49
1,4-Dioxane
Concen: 0.754 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.036 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 187.5 26.8 40.2#
58 0.0 45.4 68.2#

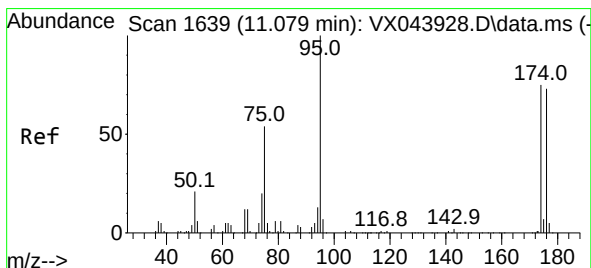
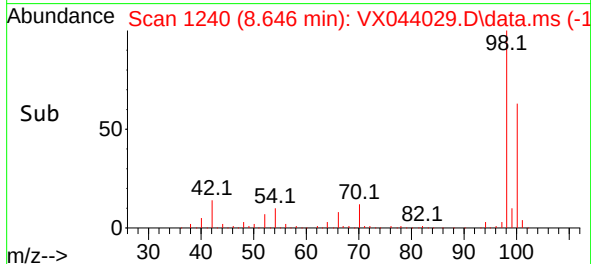
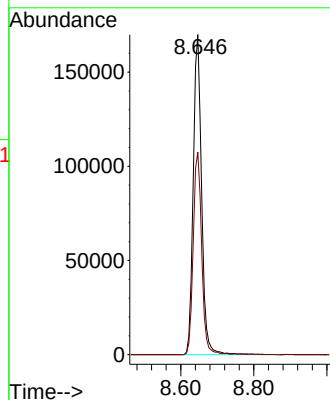
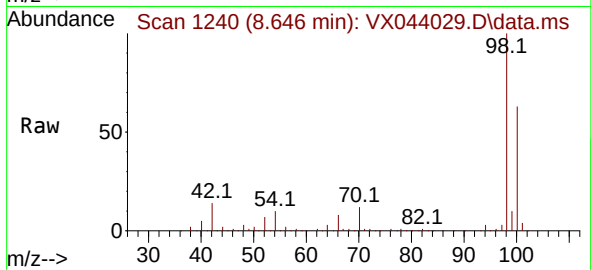




#50
Toluene-d8
Concen: 51.851 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

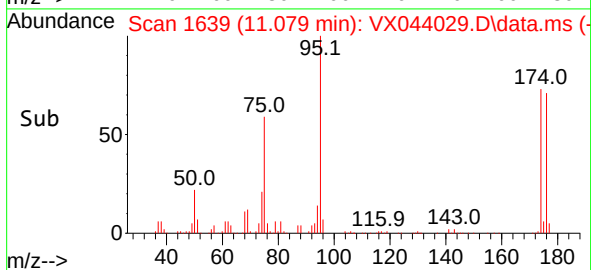
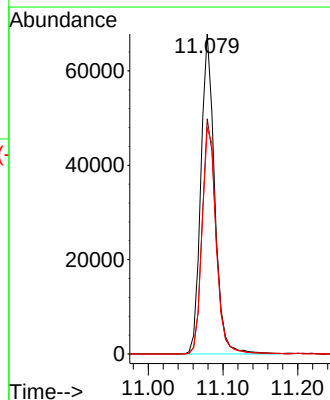
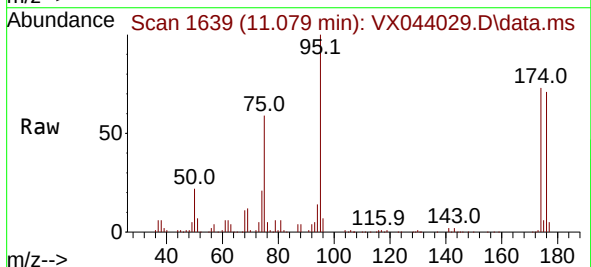
Instrument :
MSVOA_X
ClientSampleId :

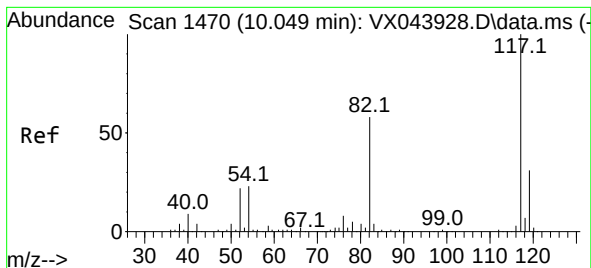
Tgt Ion: 98 Resp: 270234
Ion Ratio Lower Upper
98 100
100 63.8 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 48.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 95 Resp: 86685
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.4
176 72.9 0.0 146.0

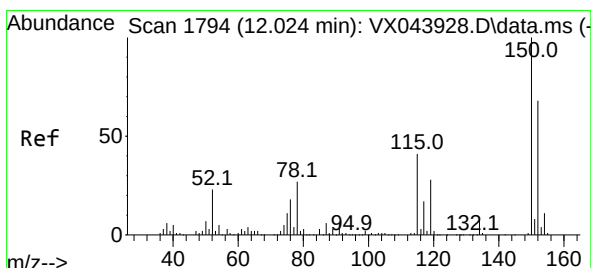
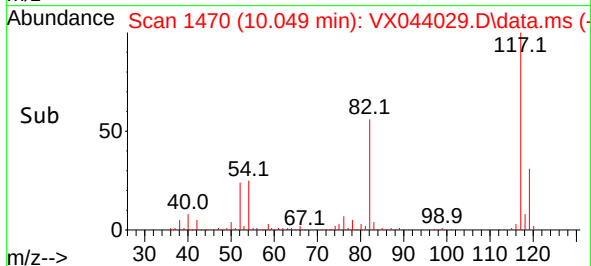
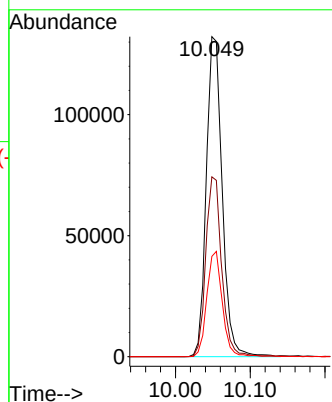
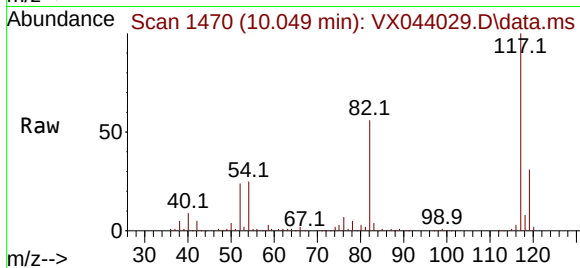




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.001 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

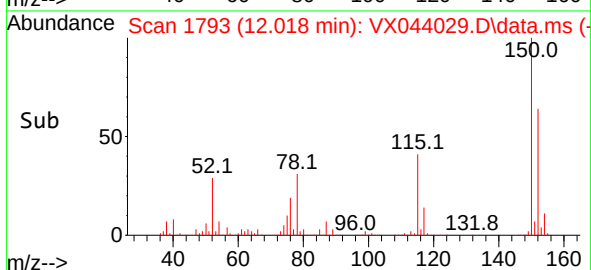
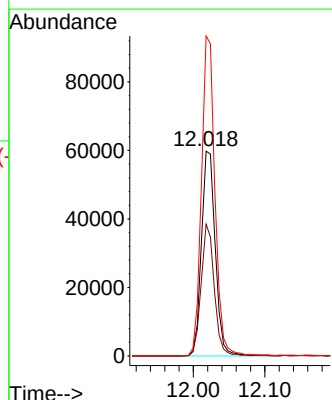
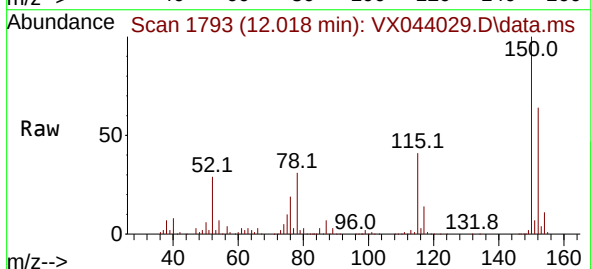
Instrument :
MSVOA_X
ClientSampleId :

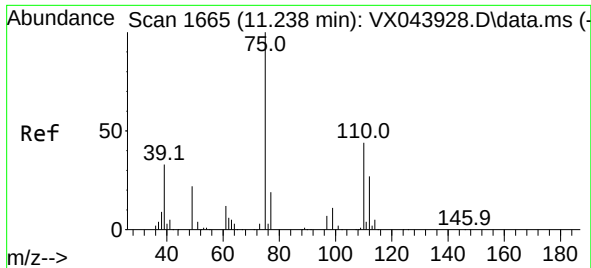
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.4	69.6
119	31.4	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	45.4	136.2
150	152.3	0.0	353.0

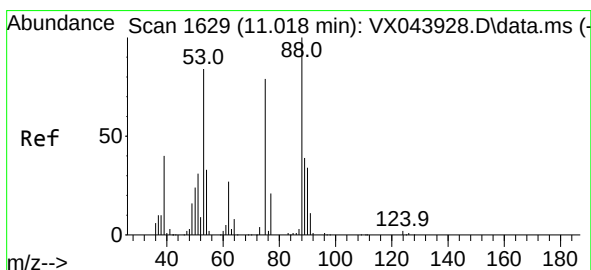
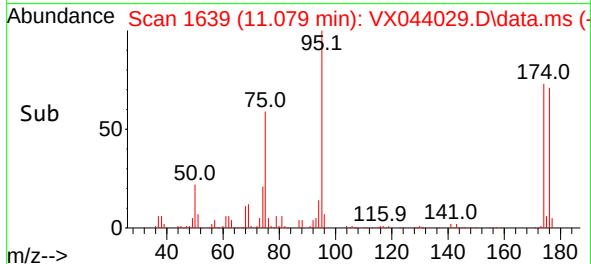
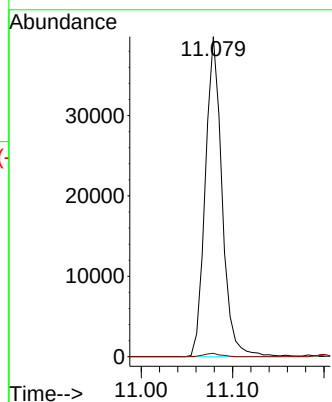
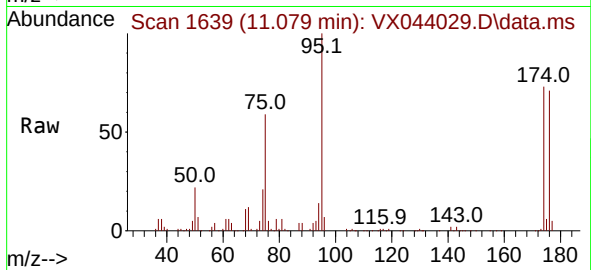




#76
1,2,3-Trichloropropane
Concen: 28.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

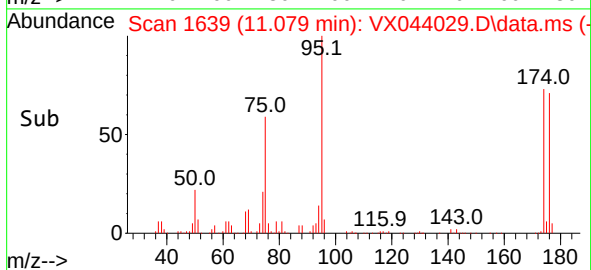
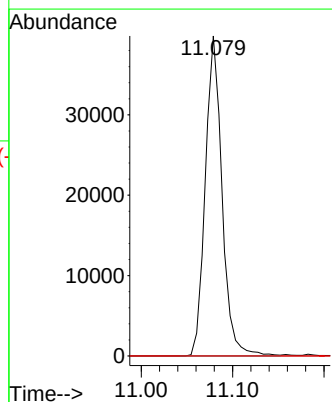
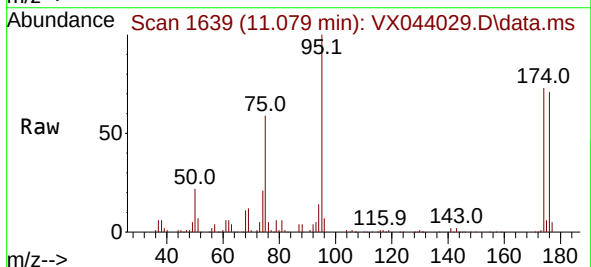
Instrument :
MSVOA_X
ClientSampleId :

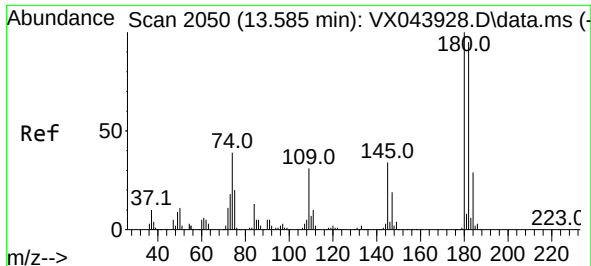
Tgt Ion: 75 Resp: 50537
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.060 min
Lab File: VX044029.D
Acq: 27 Nov 2024 10:50

Tgt Ion: 75 Resp: 50537
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.244 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

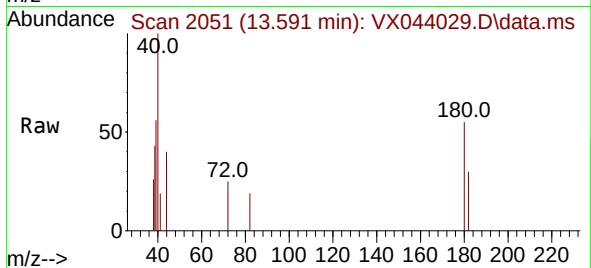
Lab File: VX044029.D

Acq: 27 Nov 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :



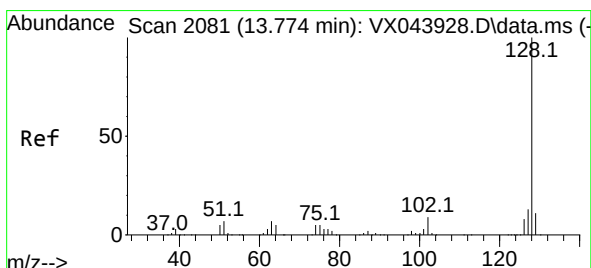
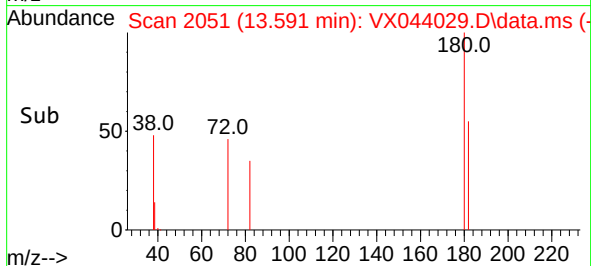
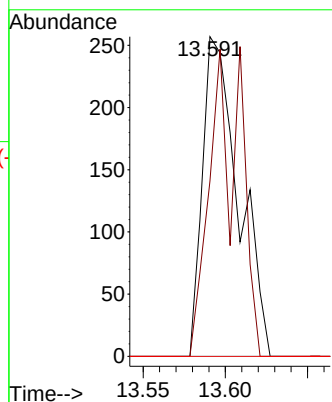
Tgt Ion:180 Resp: 391

Ion Ratio Lower Upper

180 100

182 81.1 48.0 144.2

145 0.0 16.8 50.4#



#95

Naphthalene

Concen: 0.355 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX044029.D

Acq: 27 Nov 2024 10:50

Tgt Ion:128 Resp: 2044

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.2

129 5.5 8.6 12.8#

