

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101624\
 Data File : VX043420.D
 Acq On : 16 Oct 2024 15:12
 Operator : JC/MD
 Sample : P4417-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

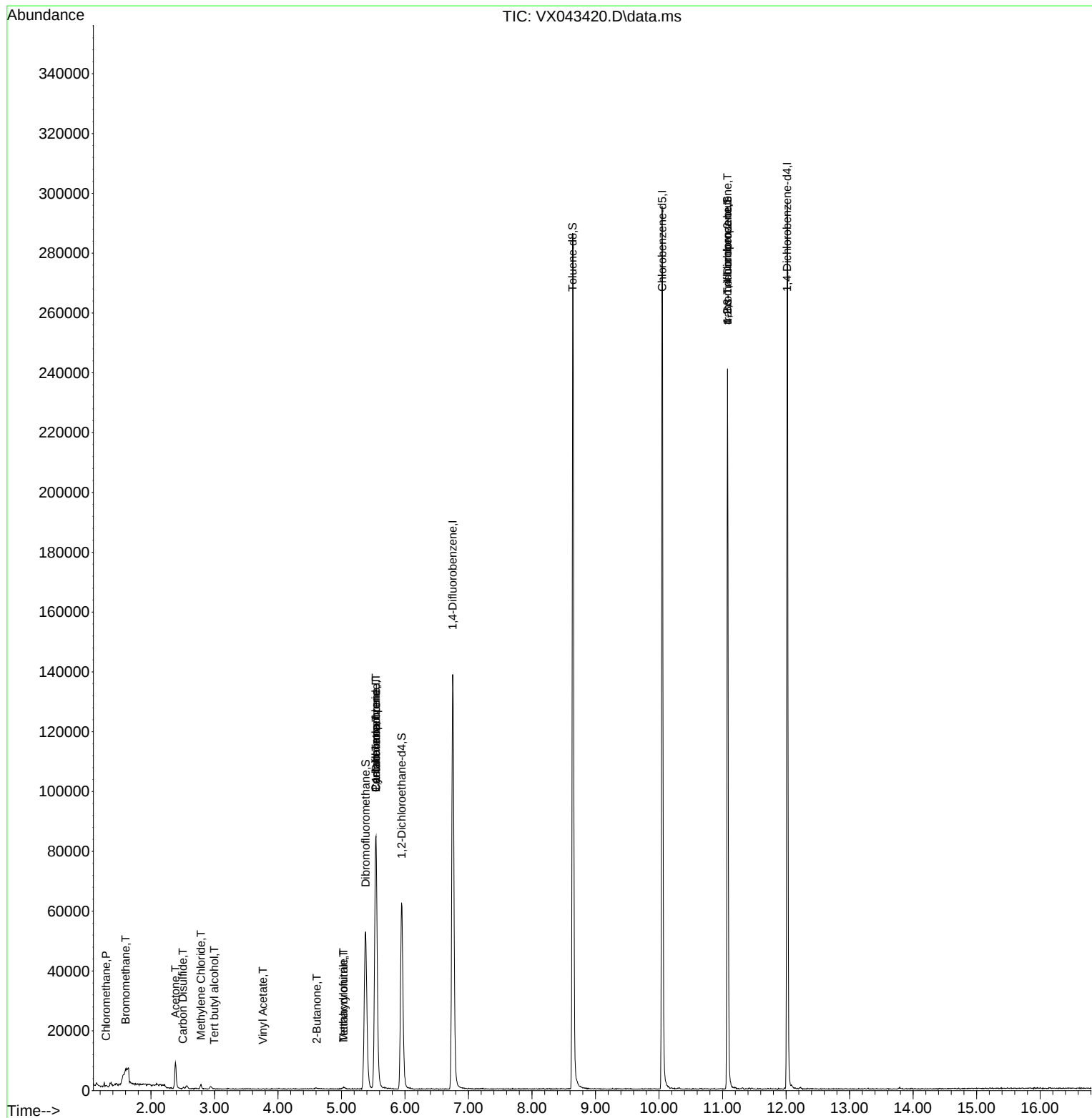
Internal Standards						
1) Pentafluorobenzene	5.544	168	77102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	142201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64010	50.834	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.660%		
35) Dibromofluoromethane	5.379	113	47085	48.013	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.020%		
50) Toluene-d8	8.641	98	171401	50.434	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.860%		
62) 4-Bromofluorobenzene	11.079	95	65588	53.123	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.240%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	322	0.349	ug/l	89
5) Bromomethane	1.599	94	157	0.415	ug/l #	66
11) Tert butyl alcohol	2.995	59	229	0.956	ug/l #	71
16) Acetone	2.386	43	10002	19.021	ug/l	94
17) Carbon Disulfide	2.502	76	419	0.201	ug/l #	76
20) Methylene Chloride	2.788	84	692	0.714	ug/l #	83
23) Vinyl Acetate	3.763	43	139	6.383	ug/l #	71
25) 2-Butanone	4.611	43	342	0.474	ug/l #	49
29) Tetrahydrofuran	5.032	42	499	1.086	ug/l #	60
31) Cyclohexane	5.544	56	1992	1.466	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	6678	5.390	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8550	5.830	ug/l #	17
41) Methacrylonitrile	5.032	41	285	0.368	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	37049	28.078	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37049	72.769	ug/l #	8

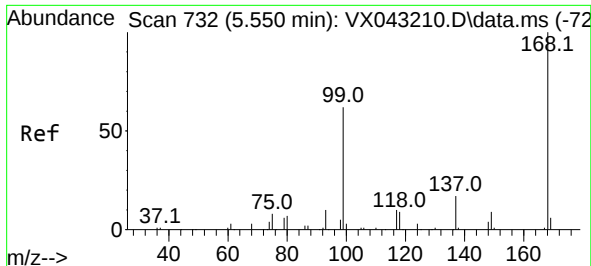
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 01:54:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

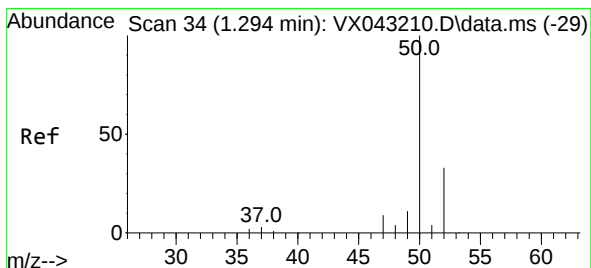
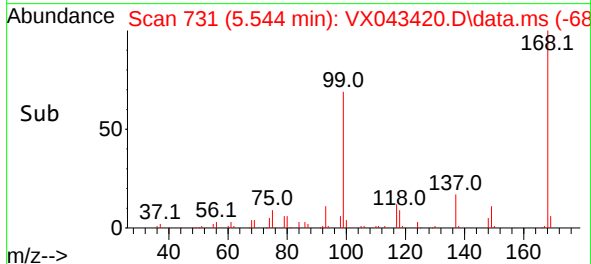
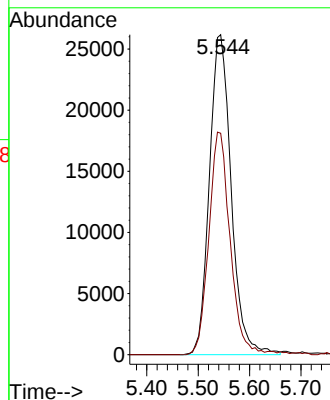
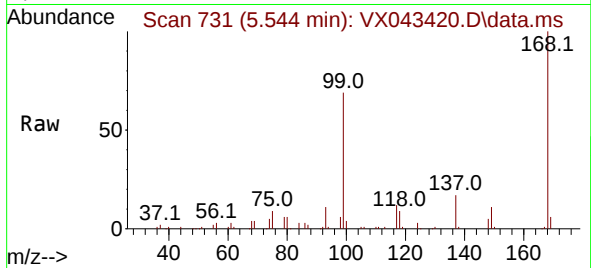




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

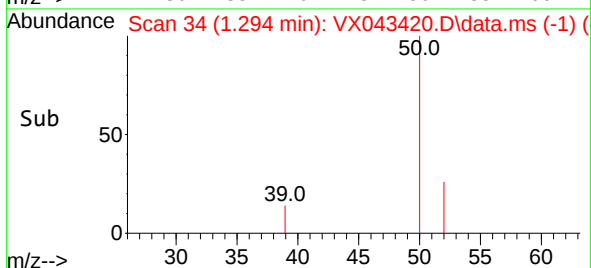
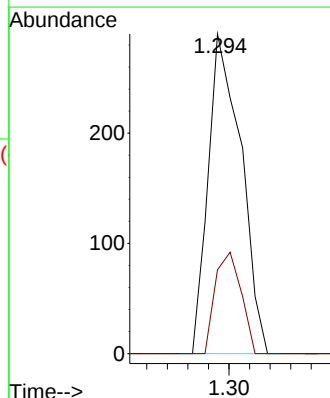
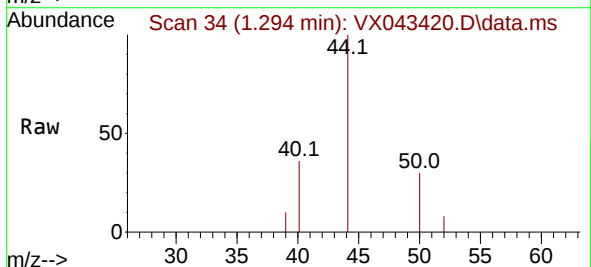
Instrument :
MSVOA_X
ClientSampleId :

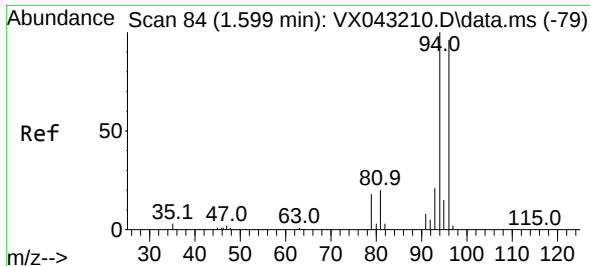
Tgt Ion:168 Resp: 77102
Ion Ratio Lower Upper
168 100
99 69.2 49.7 74.5



#3
Chloromethane
Concen: 0.349 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Tgt Ion: 50 Resp: 322
Ion Ratio Lower Upper
50 100
52 26.2 26.1 39.1

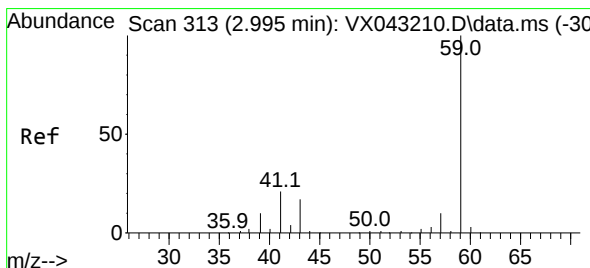
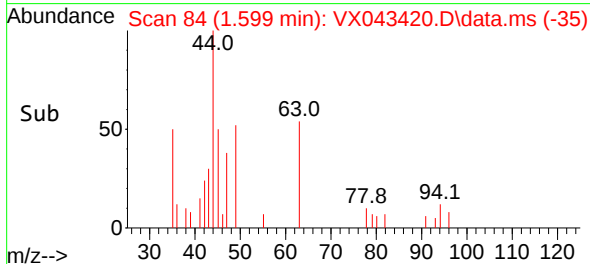
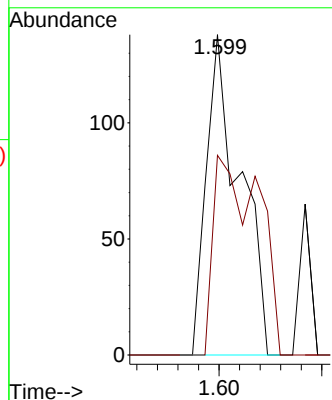
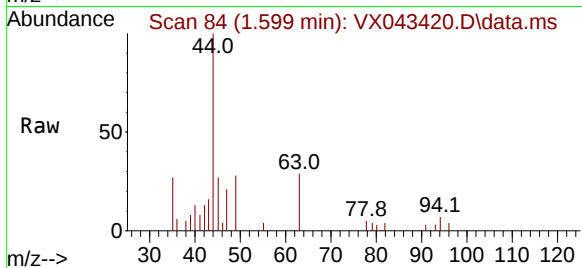




#5
 Bromomethane
 Concen: 0.415 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX043420.D
 Acq: 16 Oct 2024 15:12

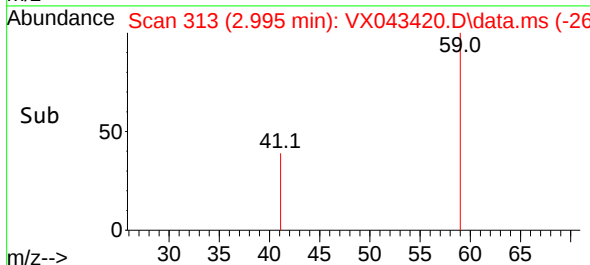
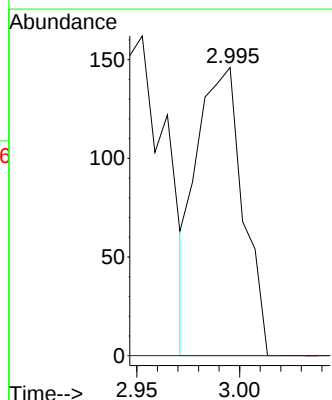
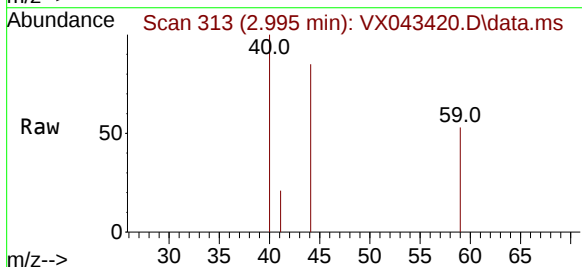
Instrument :
 MSVOA_X
 ClientSampleId :

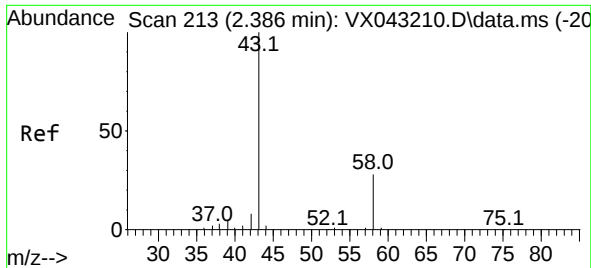
Tgt Ion: 94 Resp: 157
 Ion Ratio Lower Upper
 94 100
 96 62.3 76.6 115.0#



#11
 Tert butyl alcohol
 Concen: 0.956 ug/l
 RT: 2.995 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VX043420.D
 Acq: 16 Oct 2024 15:12

Tgt Ion: 59 Resp: 229
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

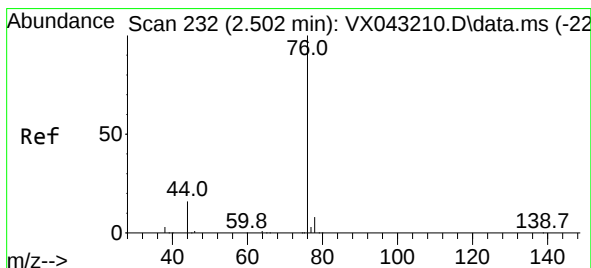
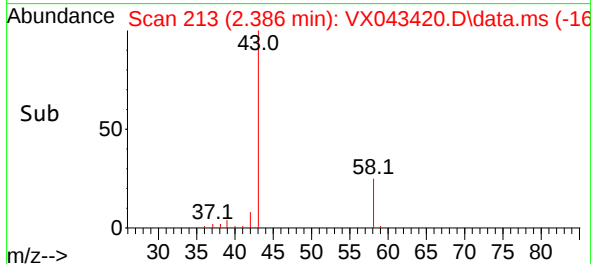
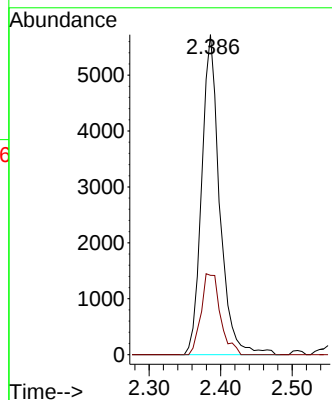
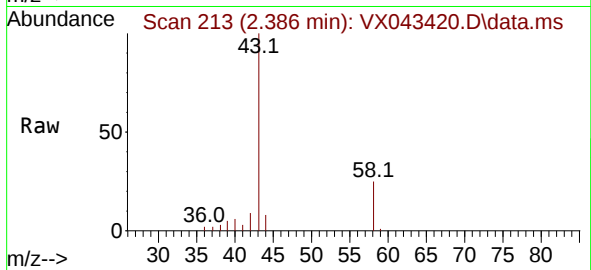




#16
Acetone
Concen: 19.021 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

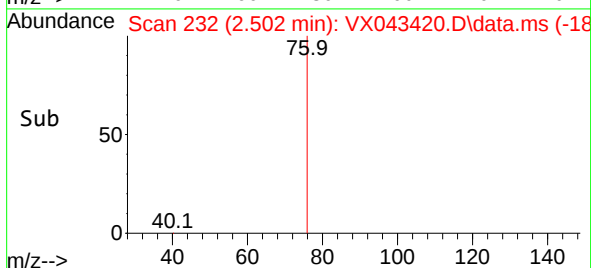
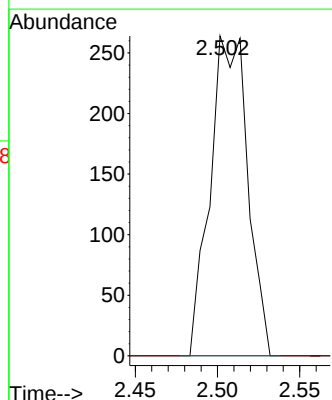
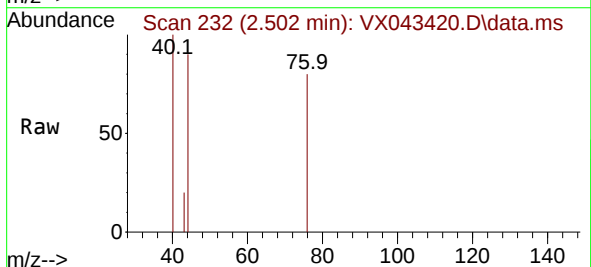
Instrument :
MSVOA_X
ClientSampleId :

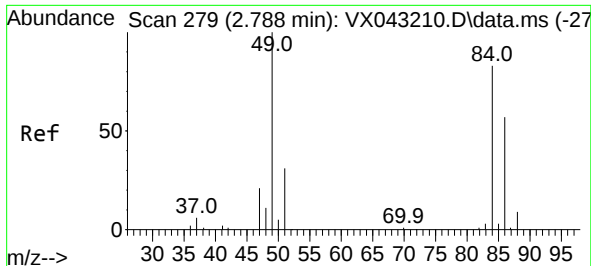
Tgt Ion: 43 Resp: 10002
Ion Ratio Lower Upper
43 100
58 24.8 22.6 33.8



#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Tgt Ion: 76 Resp: 419
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#





#20

Methylene Chloride

Concen: 0.714 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

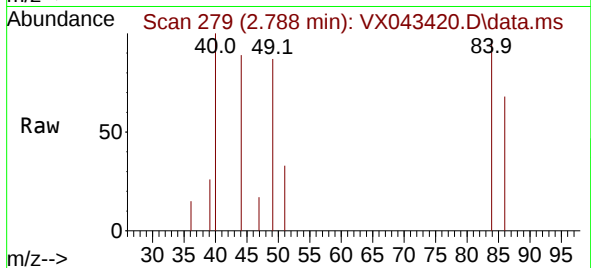
Lab File: VX043420.D

Acq: 16 Oct 2024 15:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 692

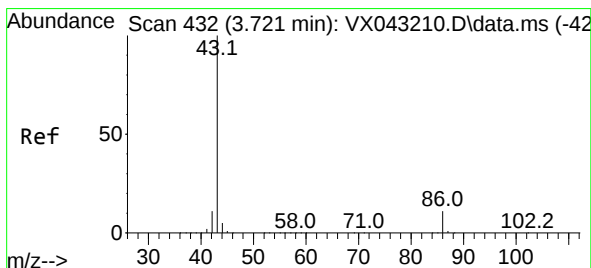
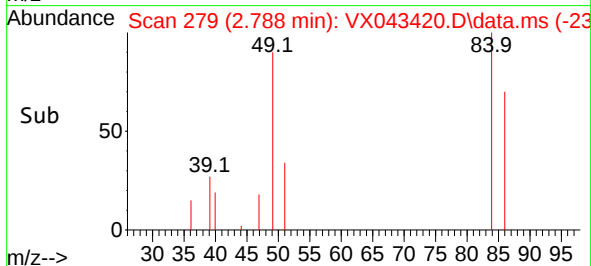
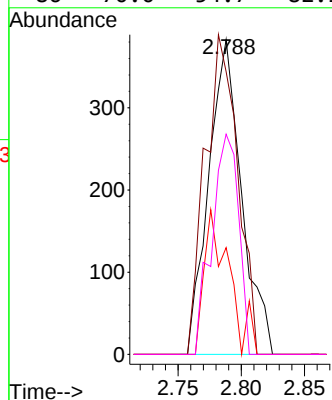
Ion Ratio Lower Upper

84 100

49 89.8 96.7 145.1#

51 33.9 30.4 45.6

86 70.0 54.7 82.1



#23

Vinyl Acetate

Concen: 6.383 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.042 min

Lab File: VX043420.D

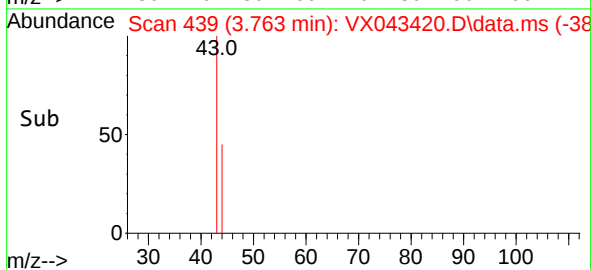
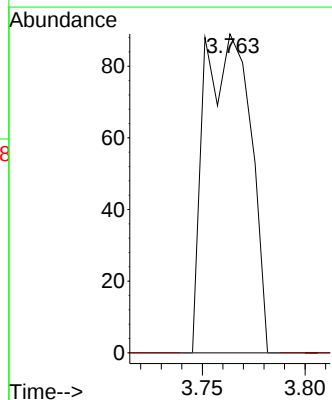
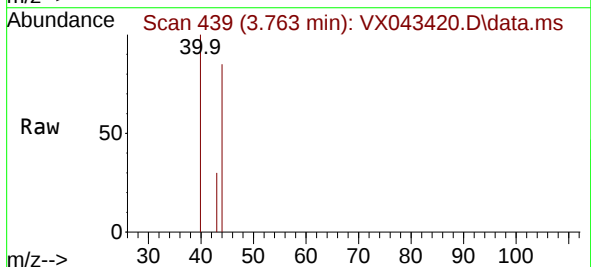
Acq: 16 Oct 2024 15:12

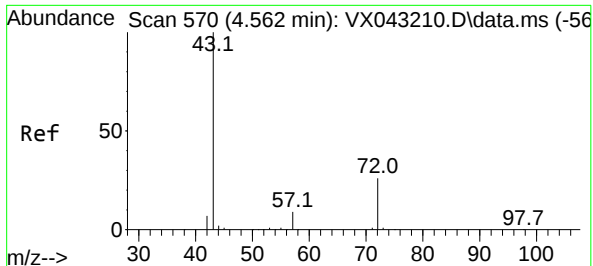
Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

86 0.0 8.8 13.2#





#25

2-Butanone

Concen: 0.474 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX043420.D

Acq: 16 Oct 2024 15:12

Instrument :

MSVOA_X

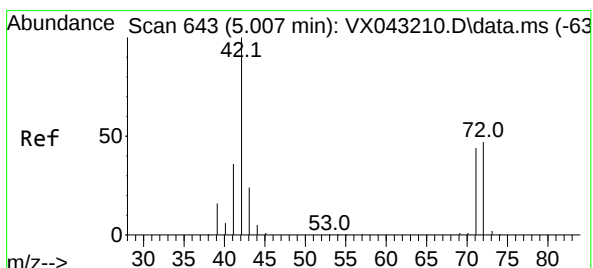
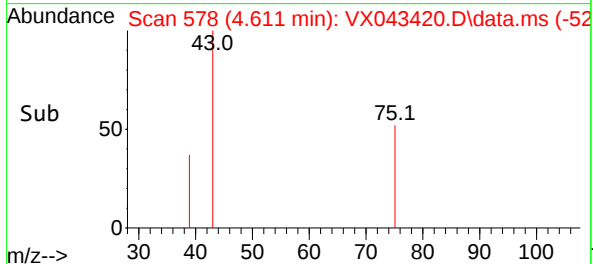
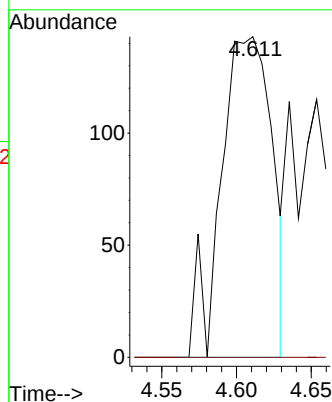
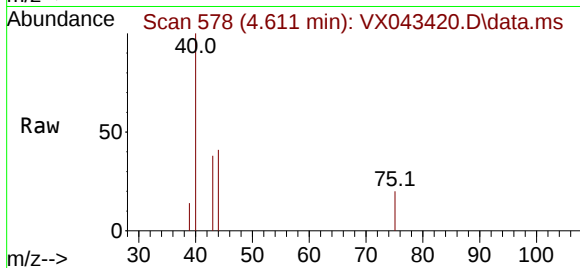
ClientSampleId :

Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#29

Tetrahydrofuran

Concen: 1.086 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.024 min

Lab File: VX043420.D

Acq: 16 Oct 2024 15:12

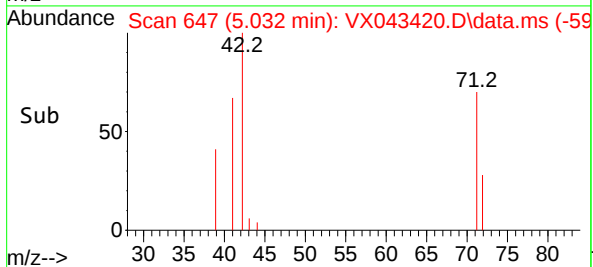
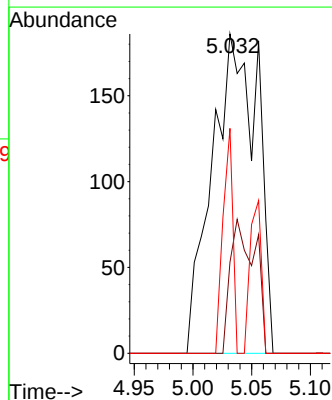
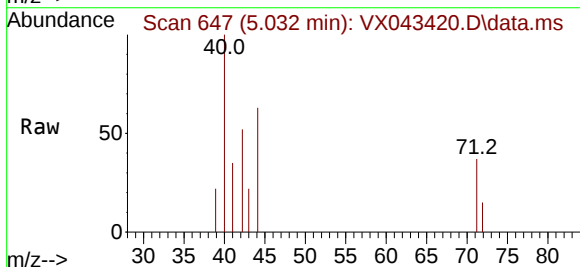
Tgt Ion: 42 Resp: 499

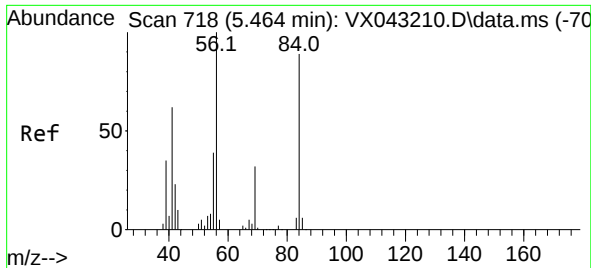
Ion Ratio Lower Upper

42 100

72 22.8 37.7 56.5#

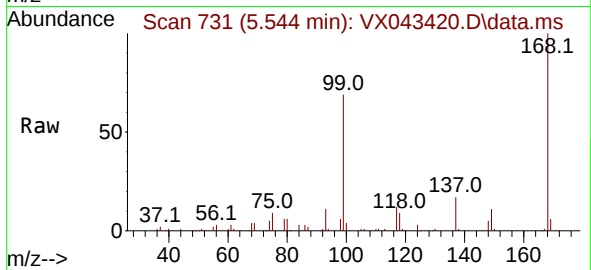
71 15.4 34.6 52.0#



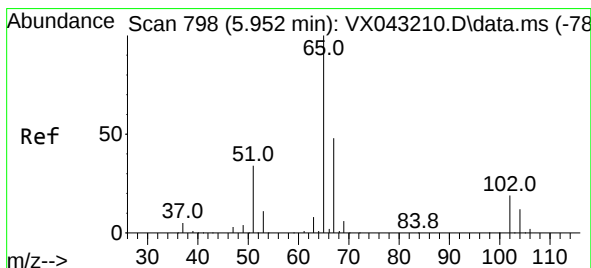
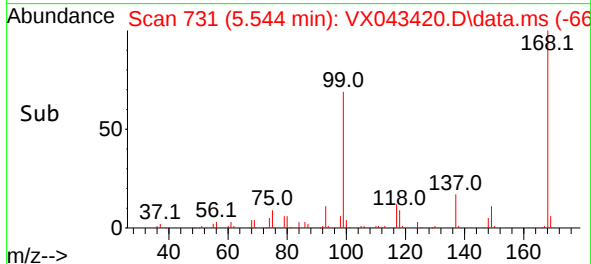
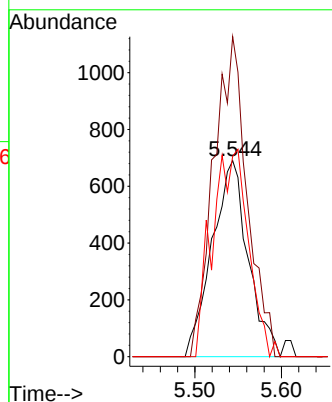


#31
Cyclohexane
Concen: 1.466 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

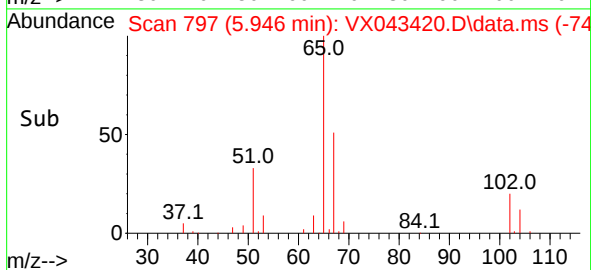
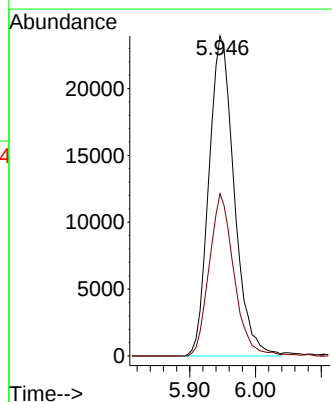
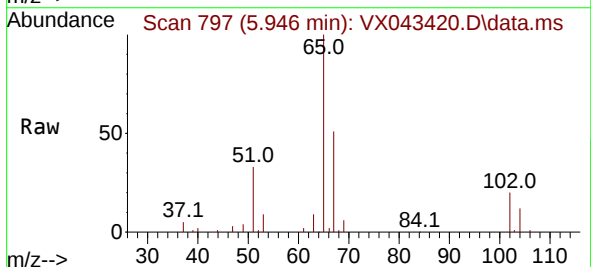


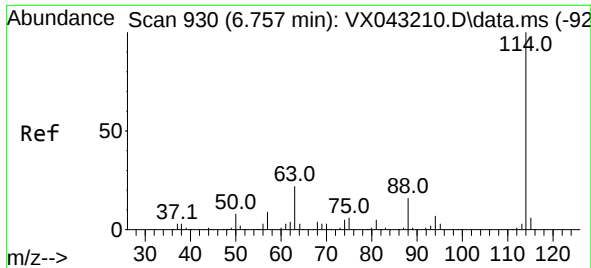
Tgt Ion: 56 Resp: 1992
Ion Ratio Lower Upper
56 100
69 163.3 25.8 38.6#
84 102.3 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 50.834 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Tgt Ion: 65 Resp: 64010
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

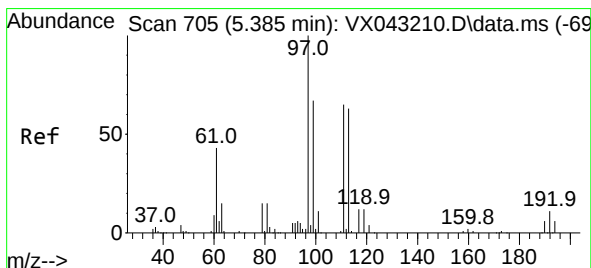
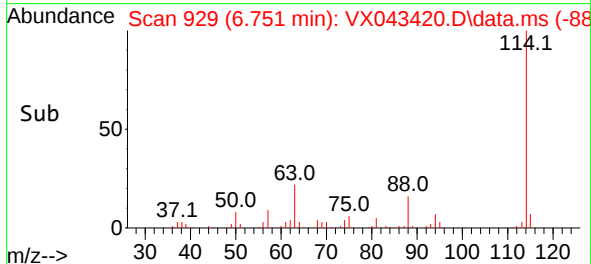
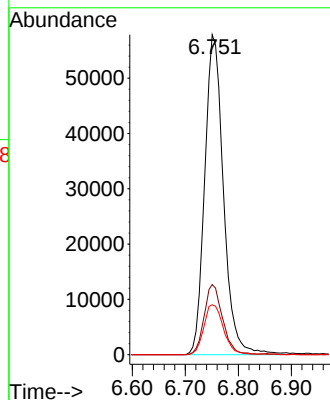
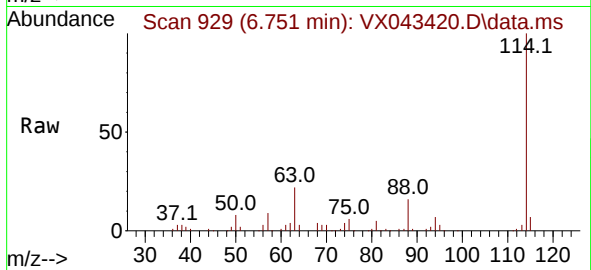




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

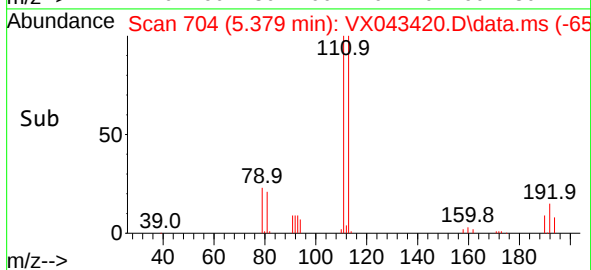
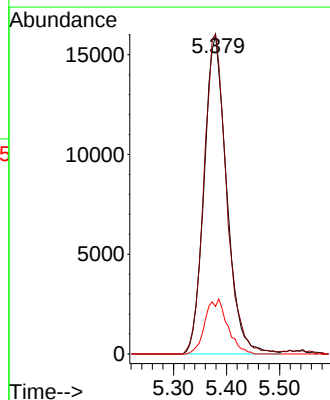
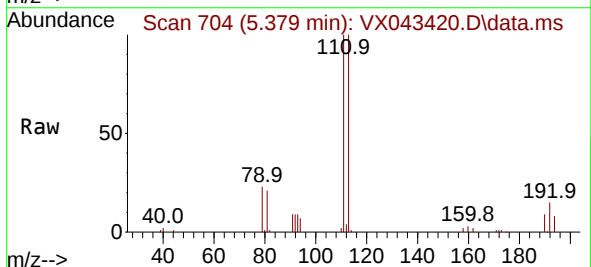
Instrument :
MSVOA_X
ClientSampleId :

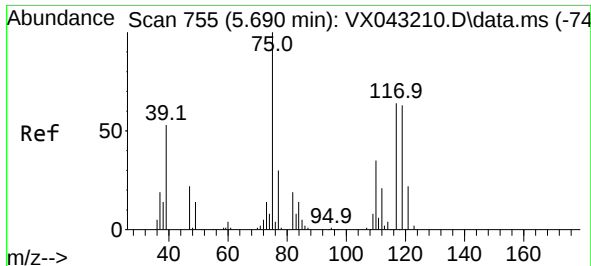
Tgt Ion:114 Resp: 142201
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.0
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.013 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

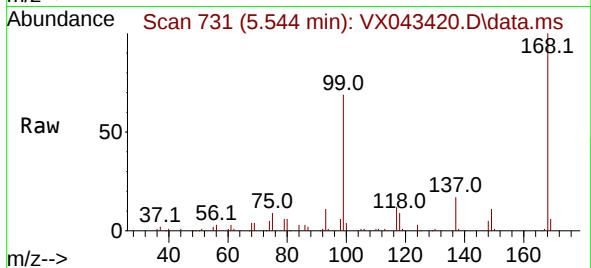
Tgt Ion:113 Resp: 47085
Ion Ratio Lower Upper
113 100
111 100.5 83.4 125.0
192 17.2 14.1 21.1



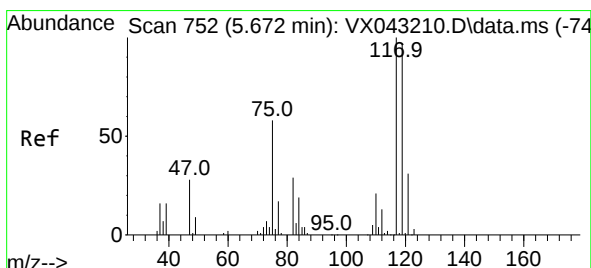
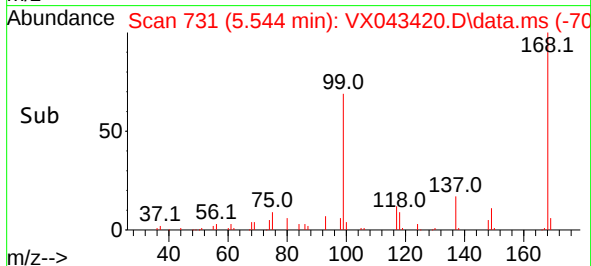
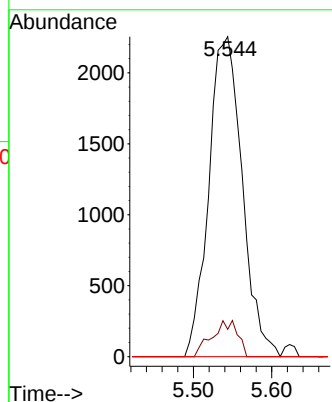


#36
1,1-Dichloropropene
Concen: 5.390 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

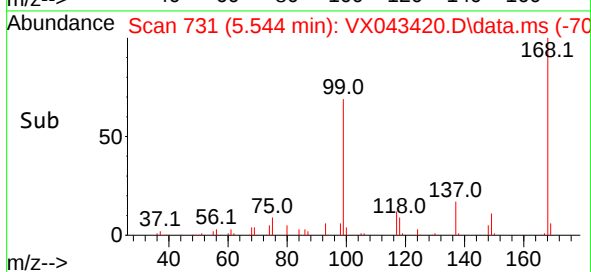
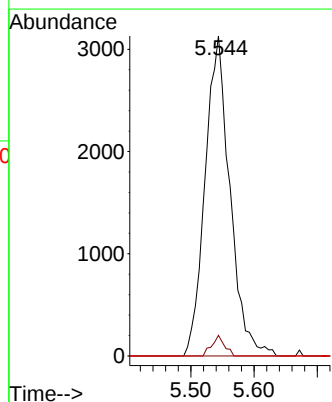
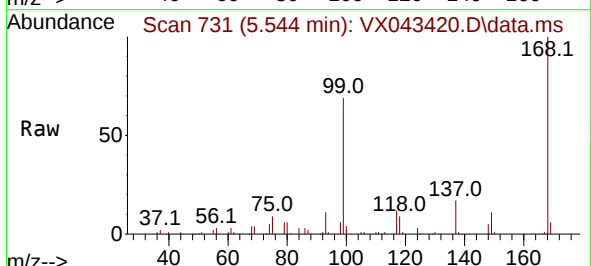


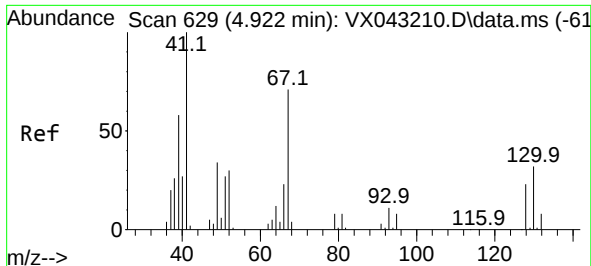
Tgt Ion: 75 Resp: 6678
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Tgt Ion: 117 Resp: 8550
Ion Ratio Lower Upper
117 100
119 6.5 77.7 116.5#
121 0.0 24.3 36.5#

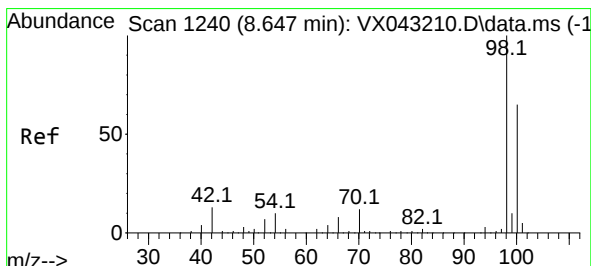
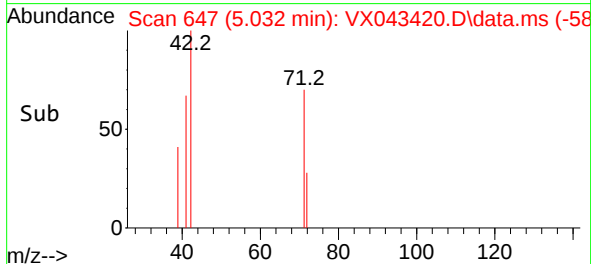
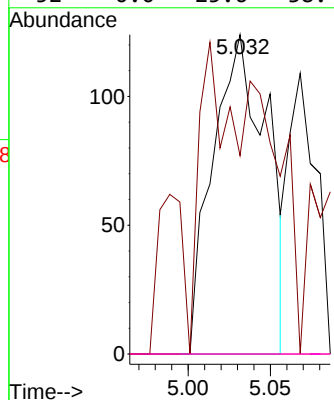
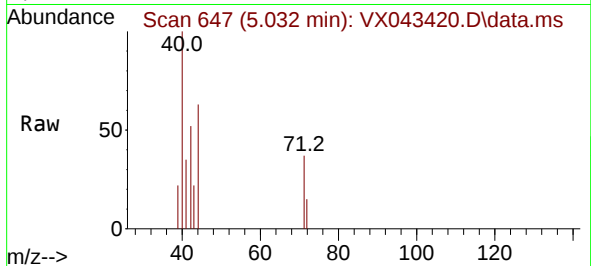




#41
Methacrylonitrile
Concen: 0.368 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.110 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

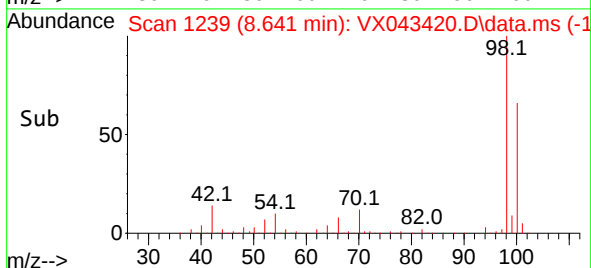
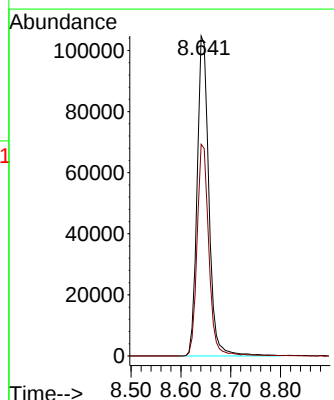
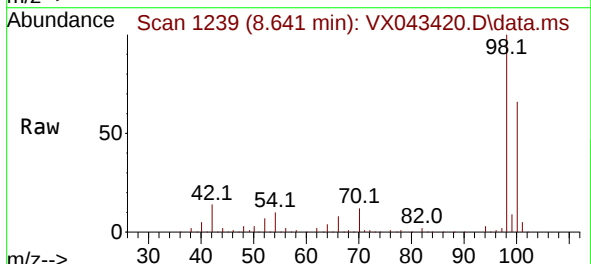
Instrument :
MSVOA_X
ClientSampleId :

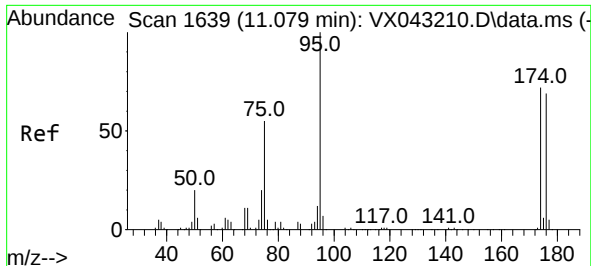
Tgt Ion: 41 Resp: 285
Ion Ratio Lower Upper
41 100
39 60.0 45.0 67.4
67 0.0 56.0 84.0#
52 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.434 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

Tgt Ion: 98 Resp: 171401
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

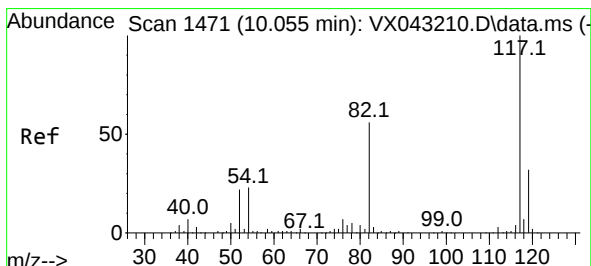
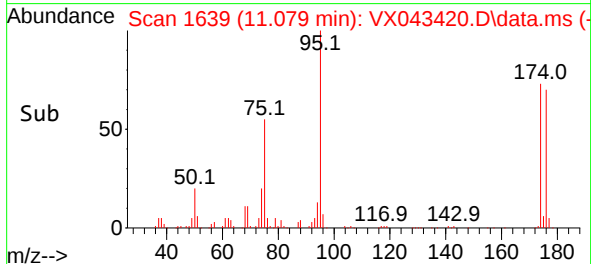
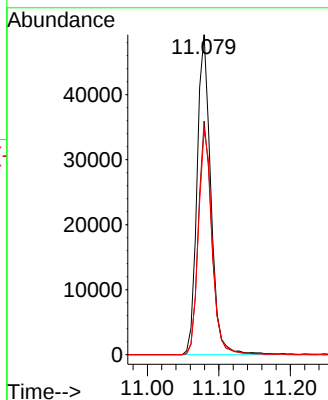
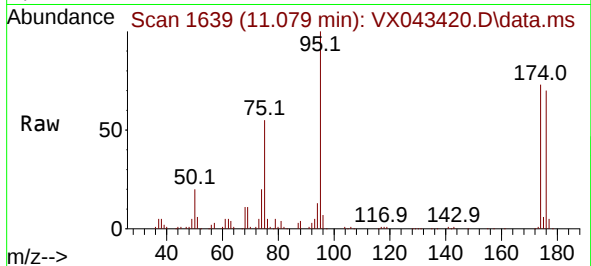




#62
4-Bromofluorobenzene
Concen: 53.123 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

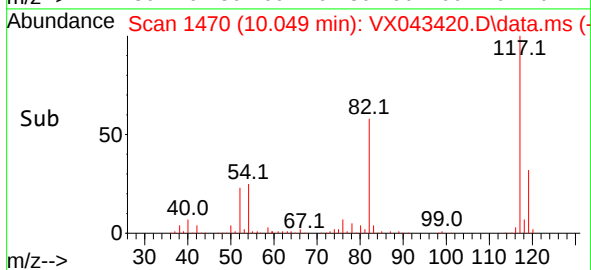
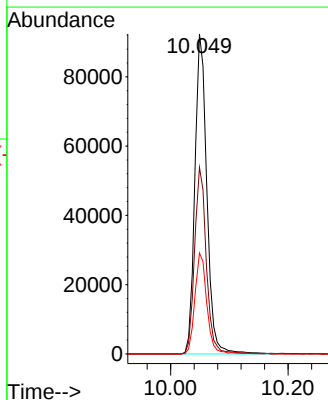
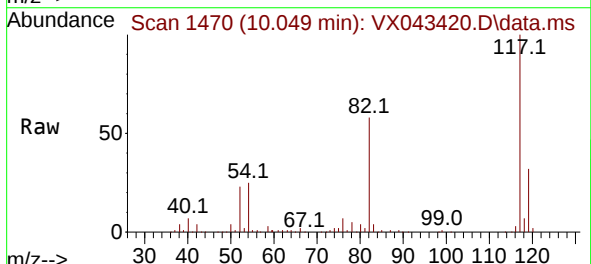
Instrument :
MSVOA_X
ClientSampleId :

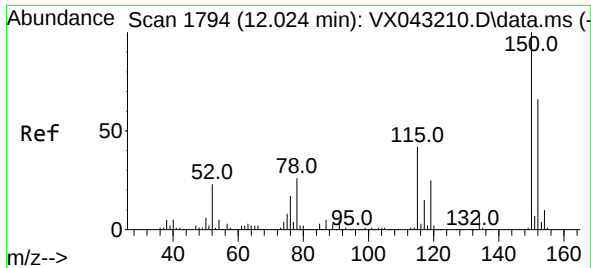
Tgt Ion: 95 Resp: 65588
Ion Ratio Lower Upper
95 100
174 71.3 0.0 145.0
176 70.4 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043420.D
Acq: 16 Oct 2024 15:12

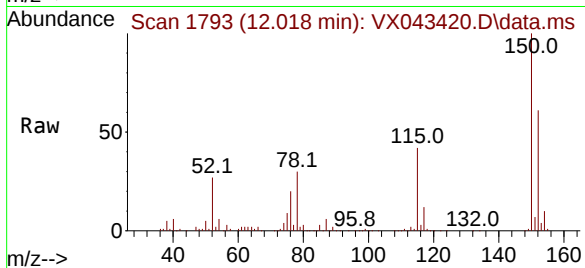
Tgt Ion: 117 Resp: 130823
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.6
119 31.6 25.3 37.9



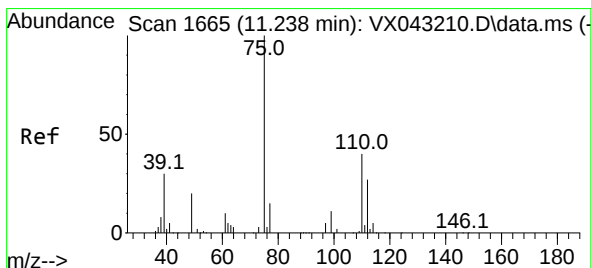
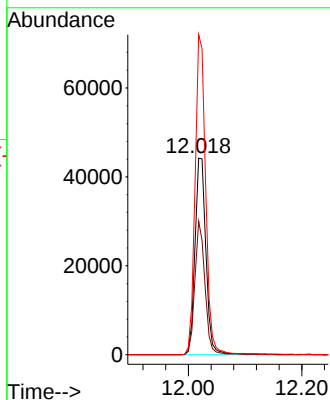
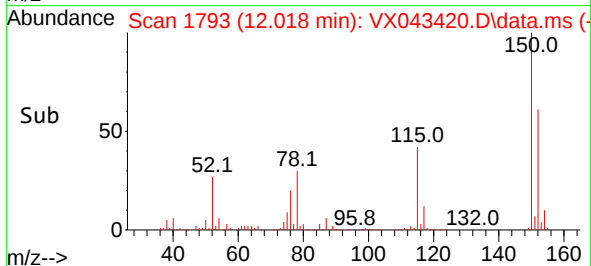


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043420.D
 Acq: 16 Oct 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

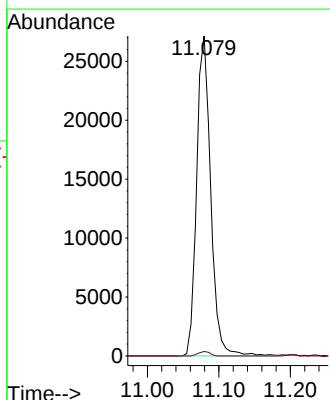
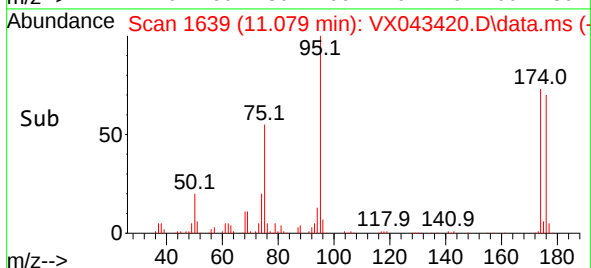
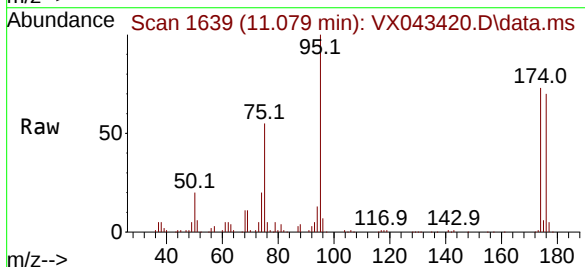


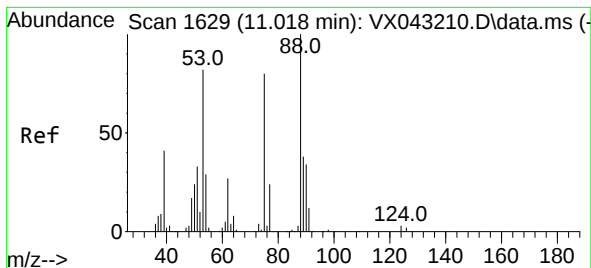
Tgt Ion:152 Resp: 59487
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.1 132.3
 150 156.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 28.078 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043420.D
 Acq: 16 Oct 2024 15:12

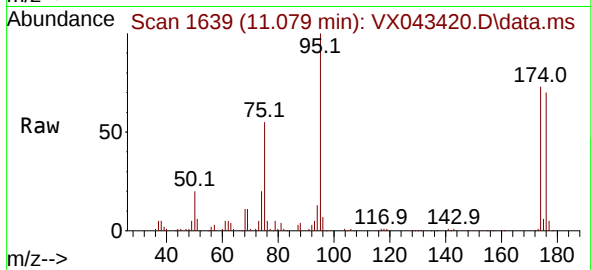
Tgt Ion: 75 Resp: 37049
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.769 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX043420.D
 Acq: 16 Oct 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 37049
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

