

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043410.D
 Acq On : 15 Oct 2024 05:01 pm
 Operator : JC/MD
 Sample : P4407-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 02:02:02 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)

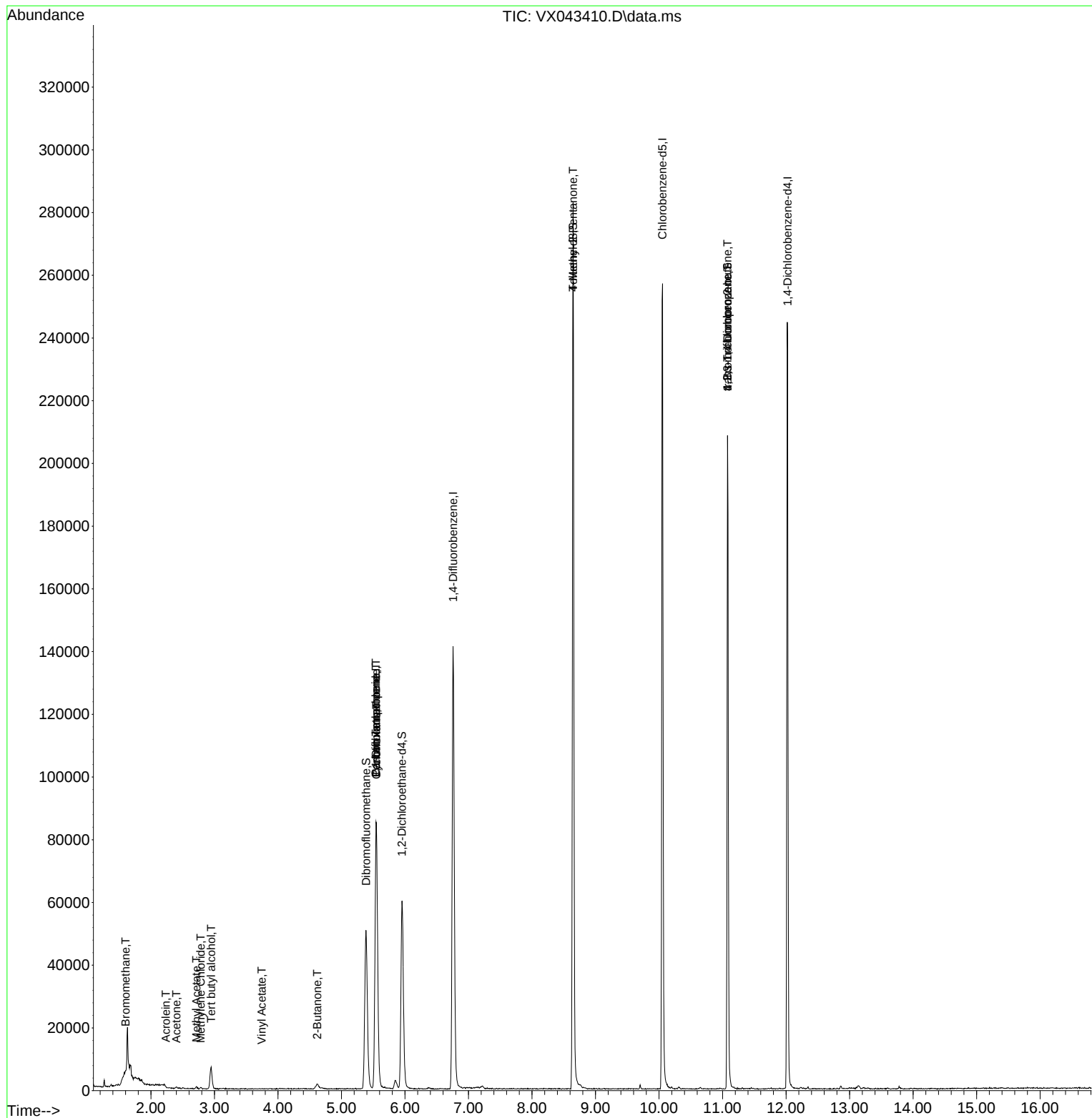
Internal Standards						
1) Pentafluorobenzene	5.544	168	77653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62307	49.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	5.385	113	44337	45.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.647	98	166419	49.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.079	95	57784	47.470	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.940%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	86	0.226	ug/l	89
11) Tert butyl alcohol	2.947	59	4114	17.047	ug/l #	71
13) Acrolein	2.233	56	50	0.219	ug/l #	32
16) Acetone	2.398	43	591	1.116	ug/l #	77
18) Methyl Acetate	2.715	43	776	0.584	ug/l #	80
20) Methylene Chloride	2.782	84	248	0.254	ug/l #	63
23) Vinyl Acetate	3.745	43	48	6.354	ug/l #	71
25) 2-Butanone	4.617	43	170	0.234	ug/l #	49
31) Cyclohexane	5.550	56	1810	1.323	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6493	5.316	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8864	6.130	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	892	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32102	28.406	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	32102	73.619	ug/l #	8

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

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Quant Time: Oct 16 02:02:02 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



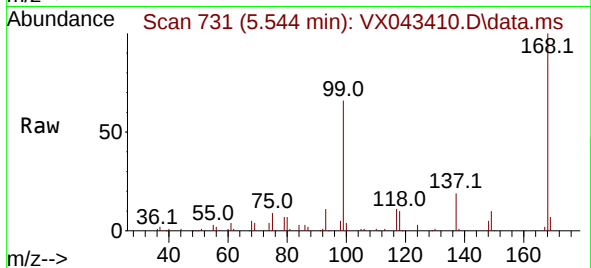


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

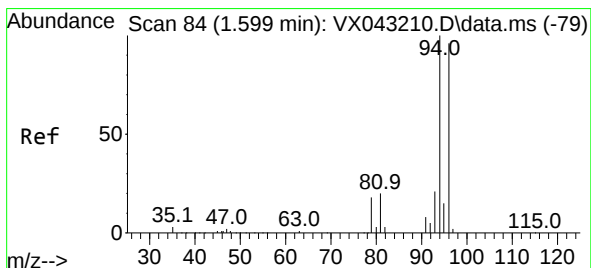
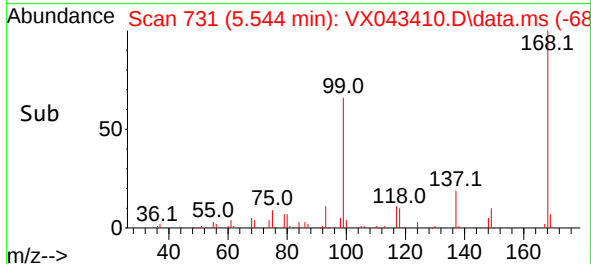
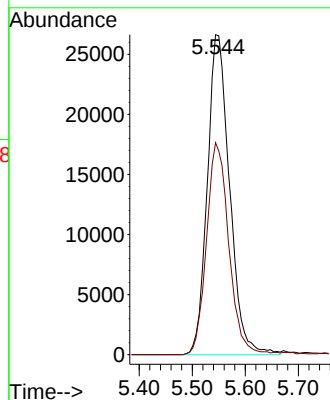
Instrument :

MSVOA_X

ClientSampleId :

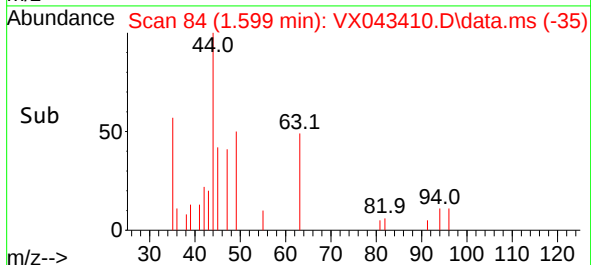
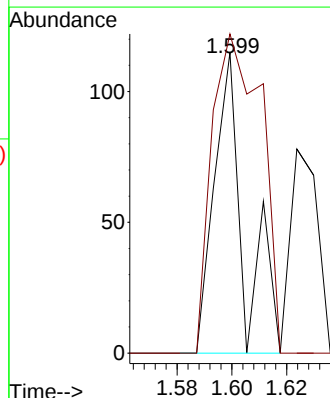
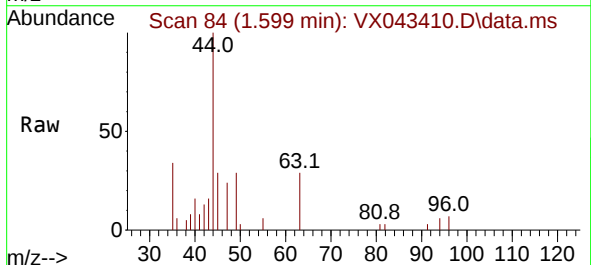


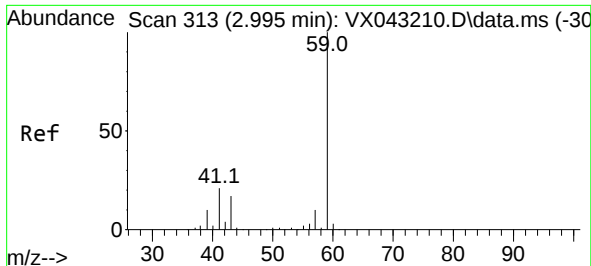
Tgt Ion:168 Resp: 77653
Ion Ratio Lower Upper
168 100
99 66.2 49.7 74.5



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

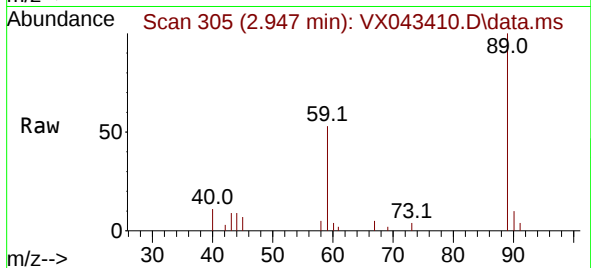
Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 106.1 76.6 115.0



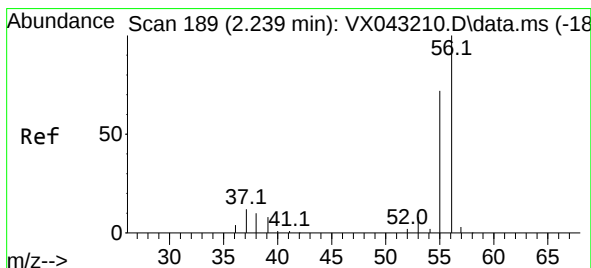
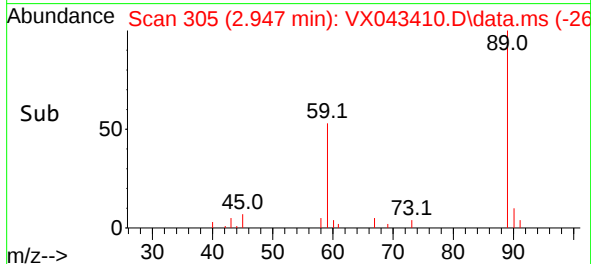
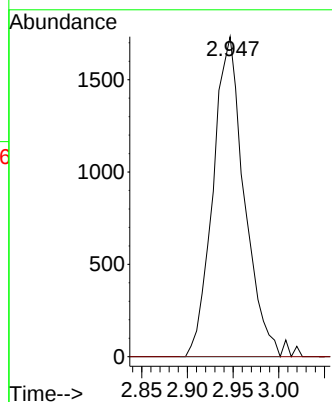


#11
Tert butyl alcohol
Concen: 17.047 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

Instrument : MSVOA_X
ClientSampleId :

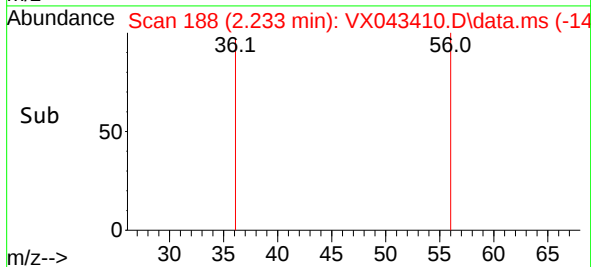
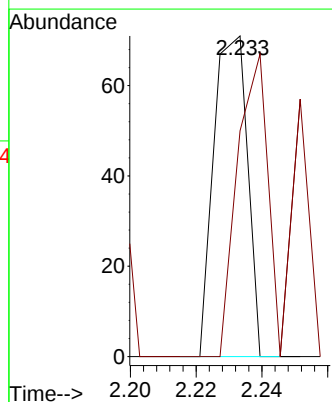
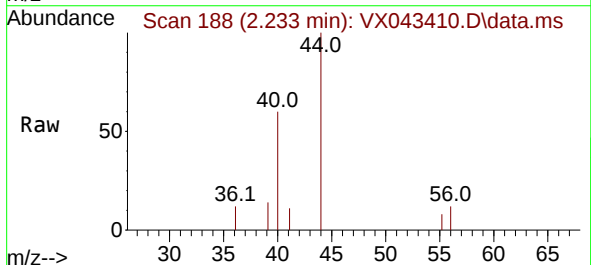


Tgt Ion: 59 Resp: 4114
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.219 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 128.0 57.4 86.0#

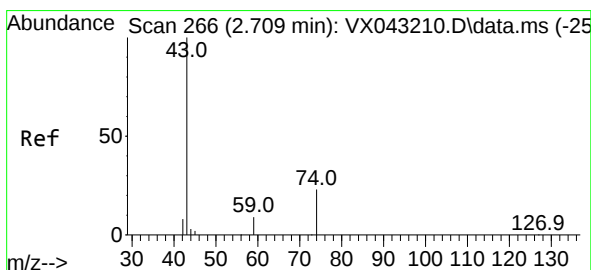
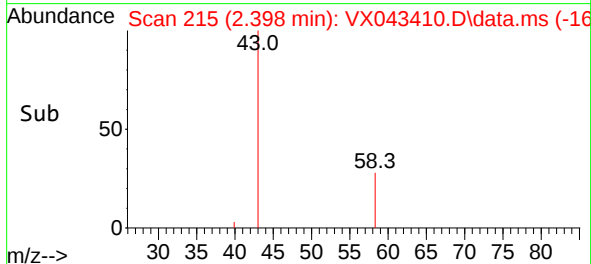
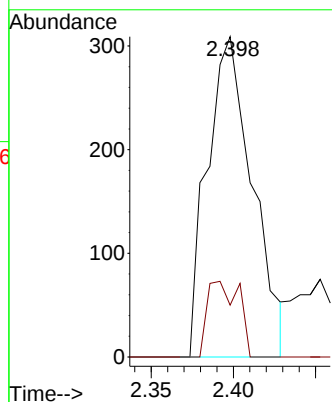
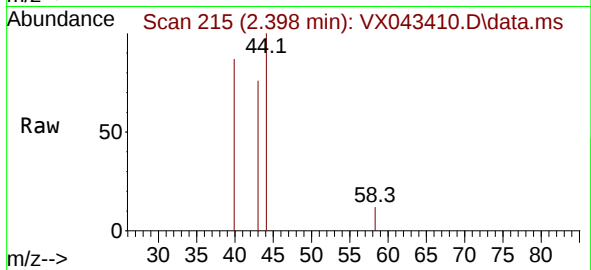




#16
Acetone
Concen: 1.116 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

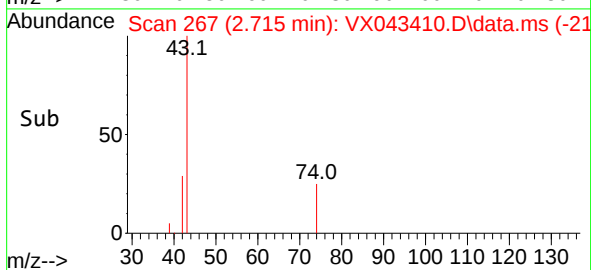
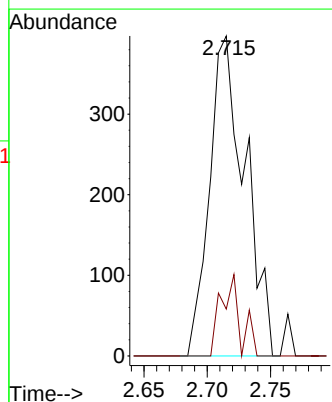
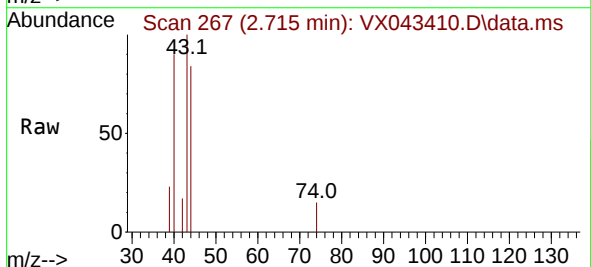
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 16.2 22.6 33.8#



#18
Methyl Acetate
Concen: 0.584 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
74 13.9 19.1 28.7#





#20

Methylene Chloride

Concen: 0.254 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

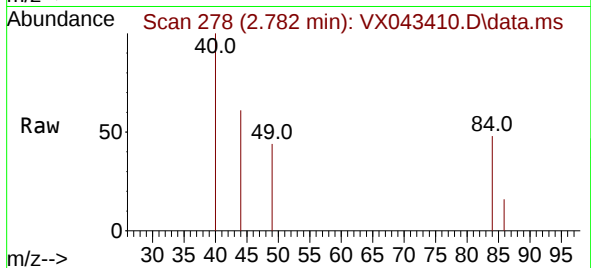
Lab File: VX043410.D

Acq: 15 Oct 2024 05:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 248

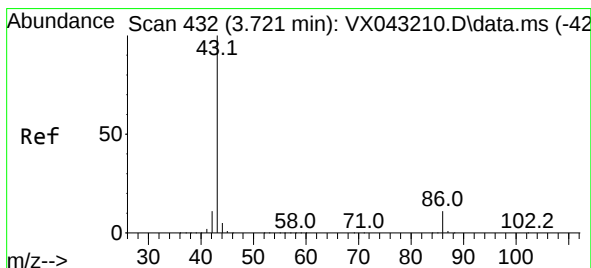
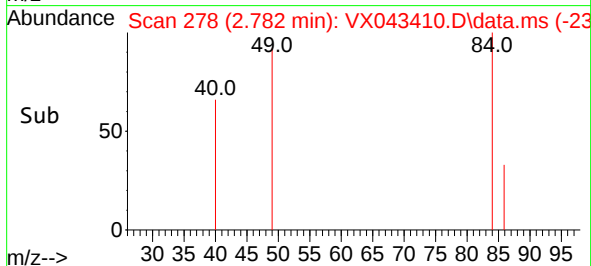
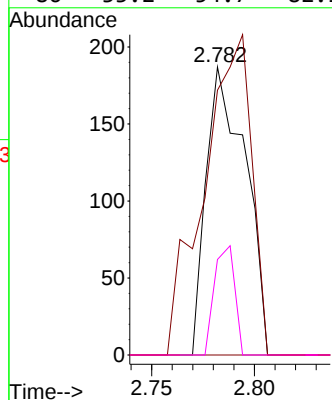
Ion Ratio Lower Upper

84 100

49 92.0 96.7 145.1#

51 0.0 30.4 45.6#

86 33.2 54.7 82.1#



#23

Vinyl Acetate

Concen: 6.354 ug/l

RT: 3.745 min Scan# 436

Delta R.T. 0.024 min

Lab File: VX043410.D

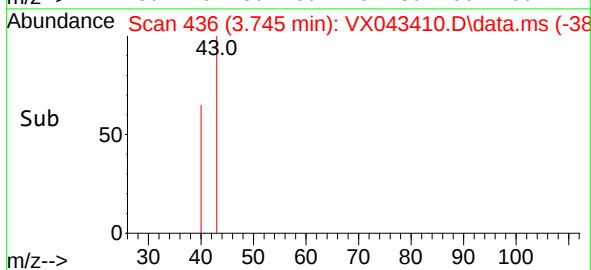
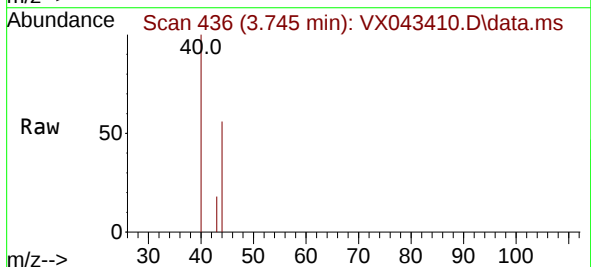
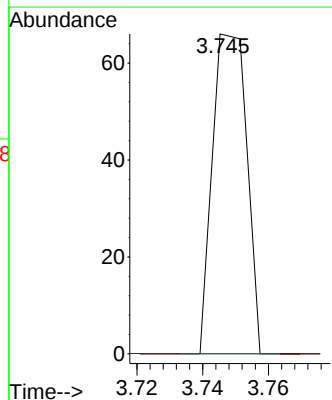
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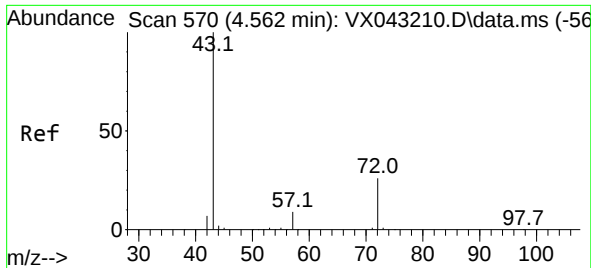
Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

86 0.0 8.8 13.2#

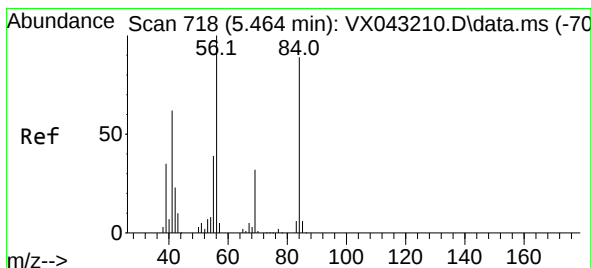
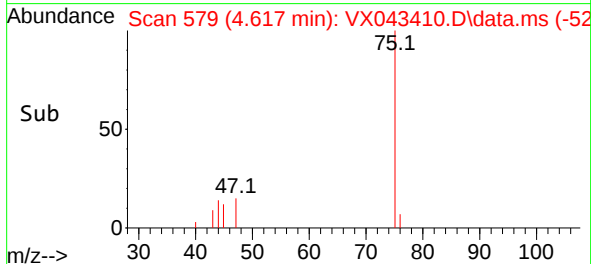
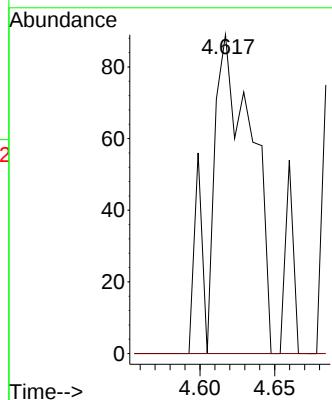
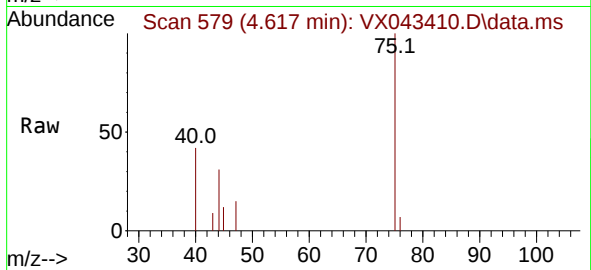




#25
2-Butanone
Concen: 0.234 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

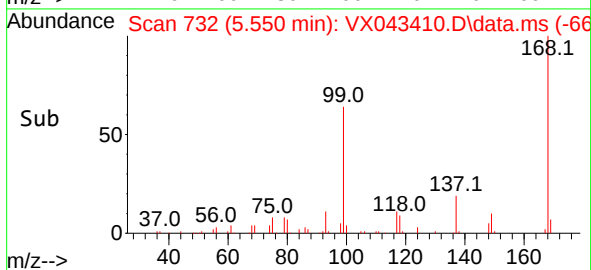
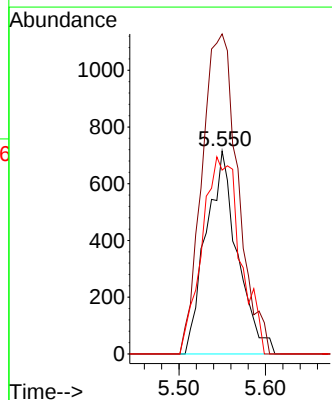
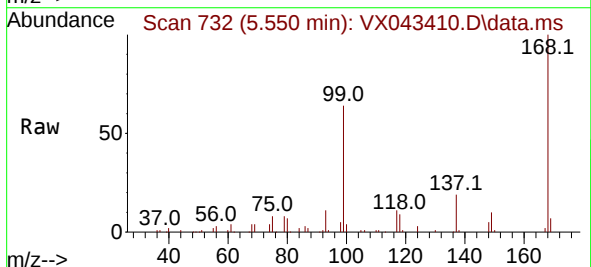
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

Tgt Ion: 56 Resp: 1810
Ion Ratio Lower Upper
56 100
69 157.8 25.8 38.6#
84 90.6 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 49.131 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043410.D

Acq: 15 Oct 2024 05:01

Instrument :

MSVOA_X

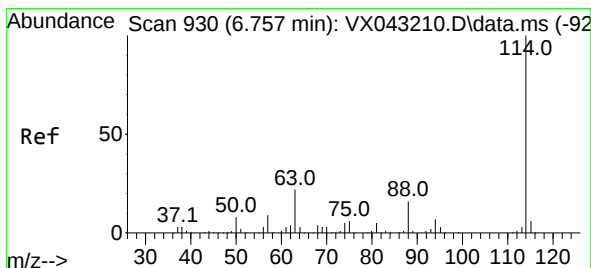
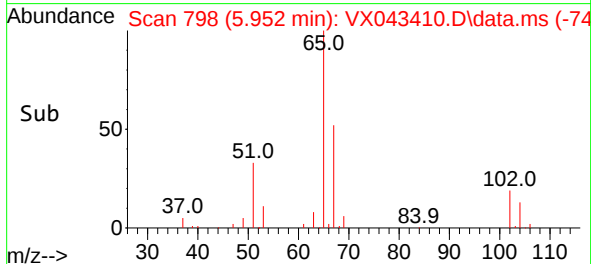
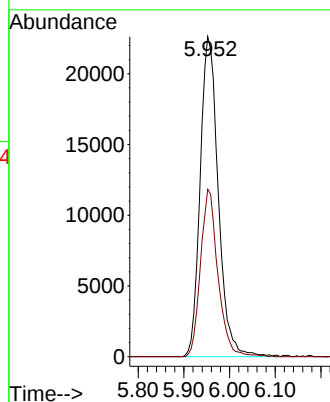
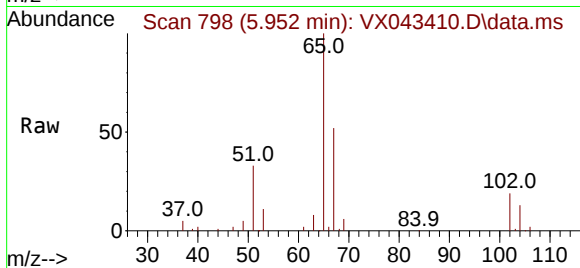
ClientSampleId :

Tgt Ion: 65 Resp: 62307

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043410.D

Acq: 15 Oct 2024 05:01 pm

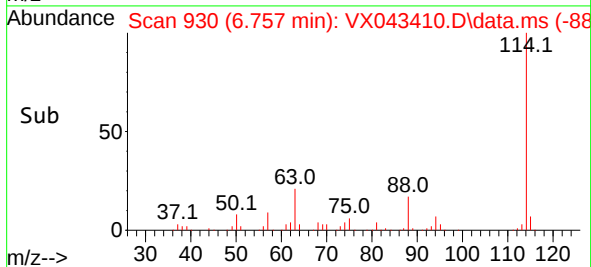
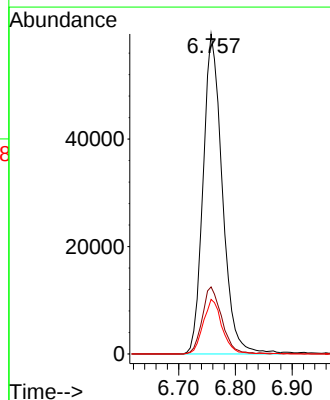
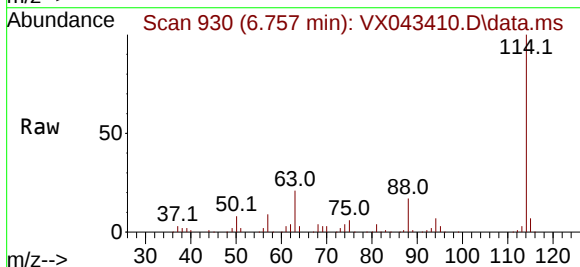
Tgt Ion: 114 Resp: 140200

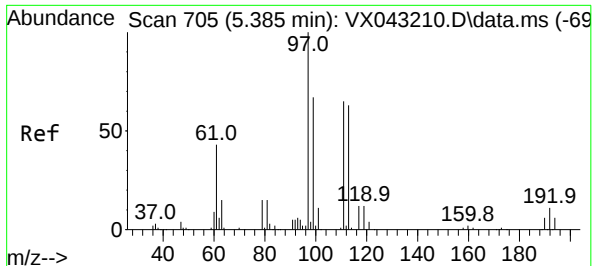
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.856 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

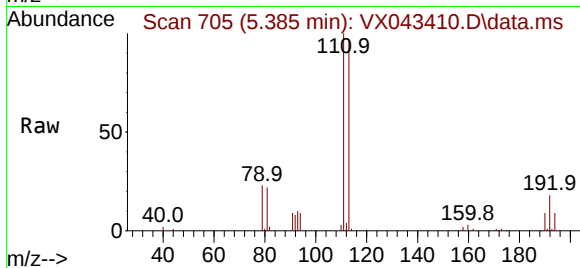
Lab File: VX043410.D

Acq: 15 Oct 2024 05:01

Instrument :

MSVOA_X

ClientSampleId :



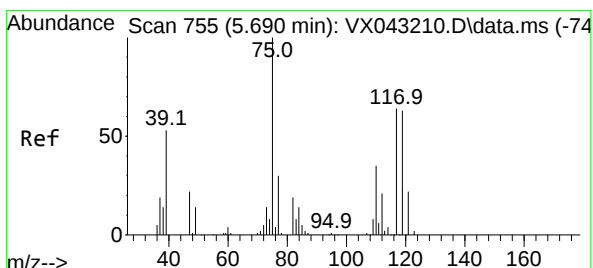
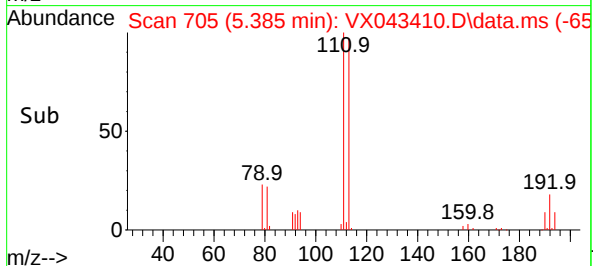
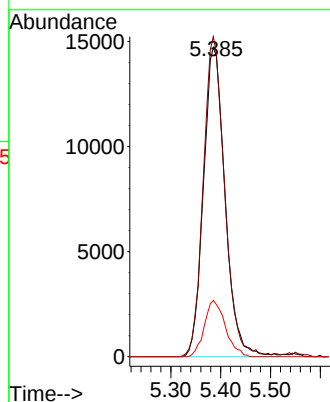
Tgt Ion:113 Resp: 44337

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

192 17.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.316 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043410.D

Acq: 15 Oct 2024 05:01 pm

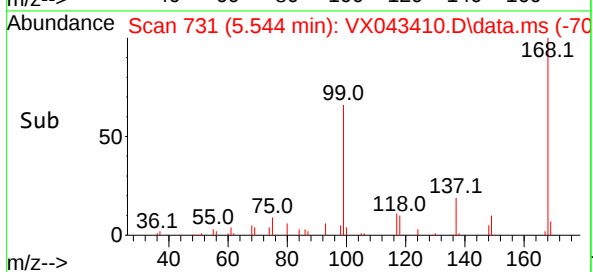
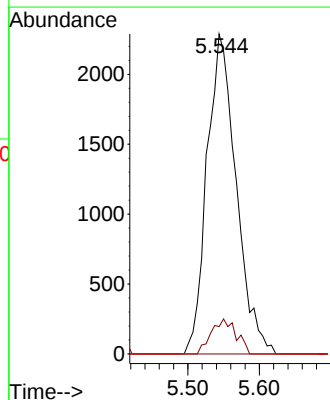
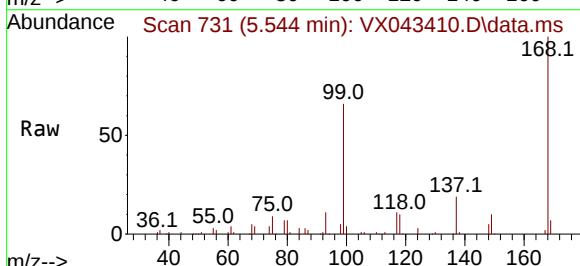
Tgt Ion: 75 Resp: 6493

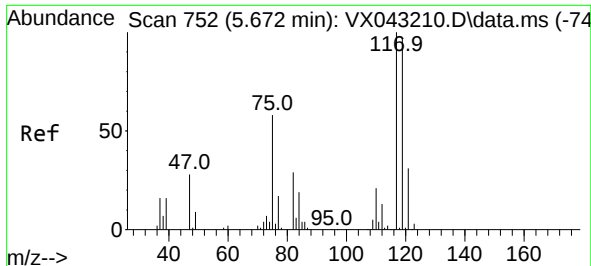
Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.3#

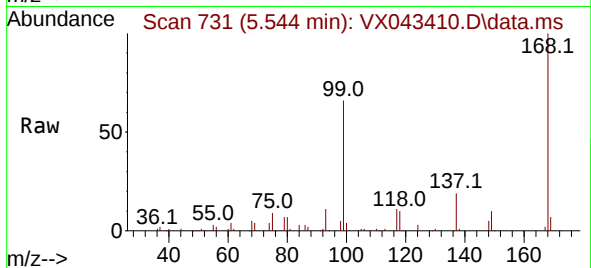
77 0.0 24.9 37.3#



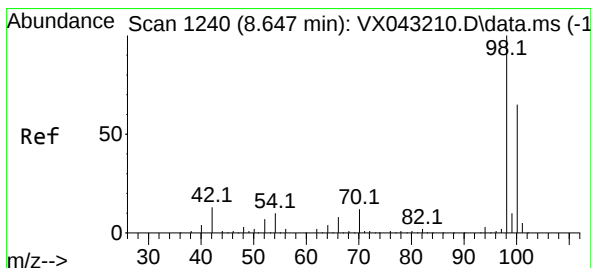
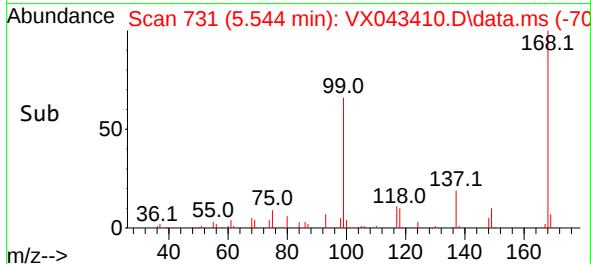
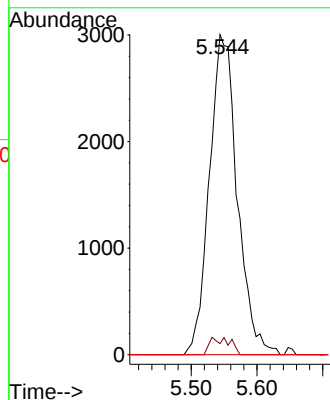


#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

Instrument :
MSVOA_X
ClientSampleId :

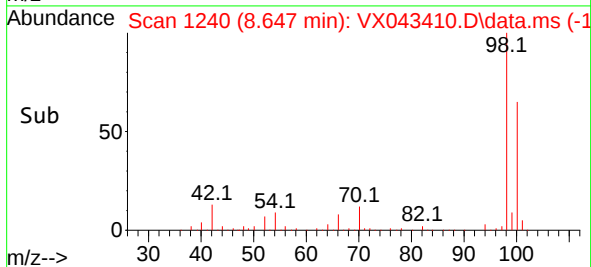
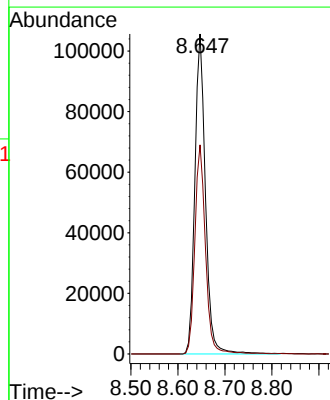
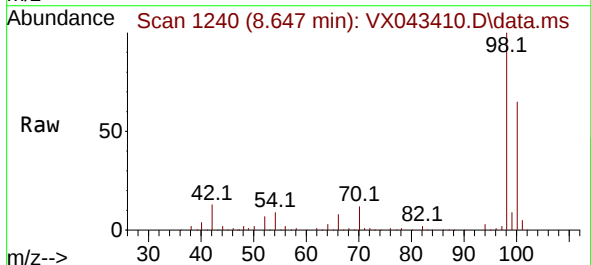


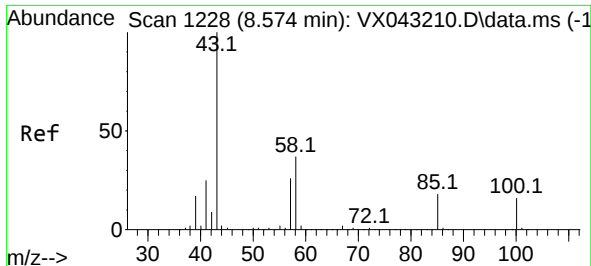
Tgt Ion:117 Resp: 8864
Ion Ratio Lower Upper
117 100
119 3.5 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

Tgt Ion: 98 Resp: 166419
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

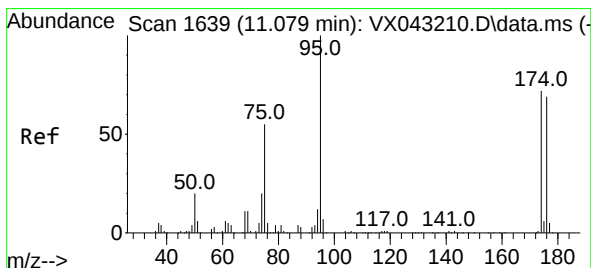
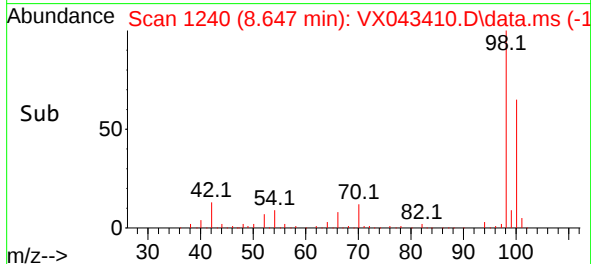
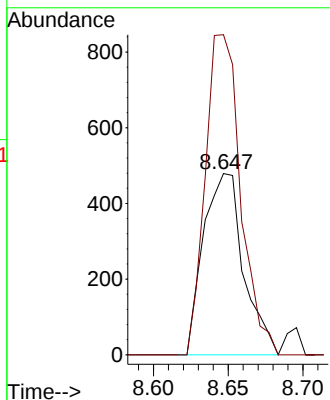
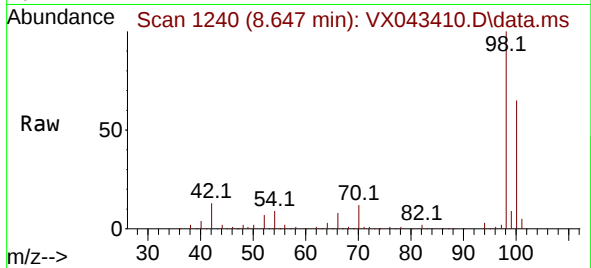




#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

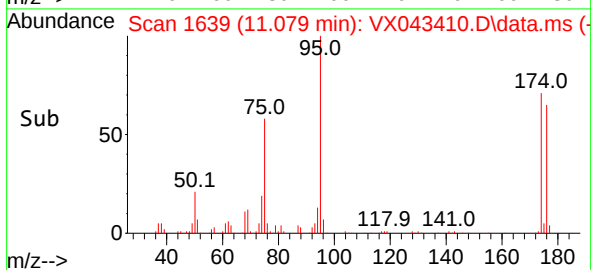
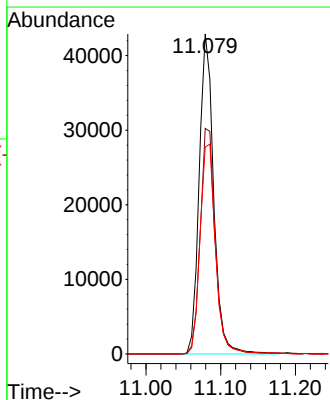
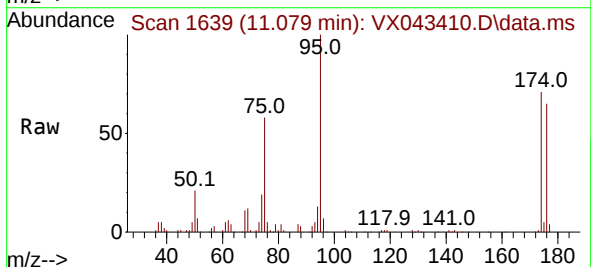
Instrument :
MSVOA_X
ClientSampleId :

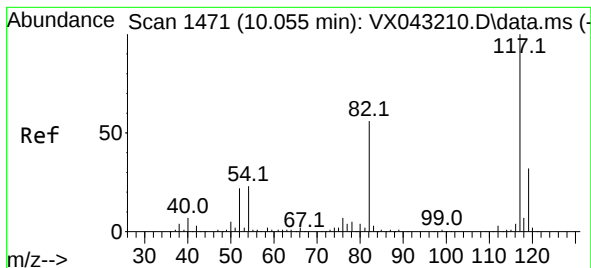
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 156.3 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 47.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

Tgt Ion: 95 Resp: 57784
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.0
176 69.7 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043410.D

Acq: 15 Oct 2024 05:01

Instrument :

MSVOA_X

ClientSampleId :

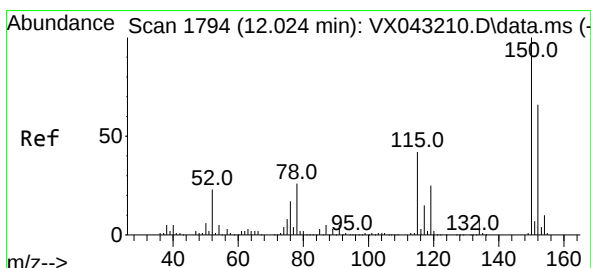
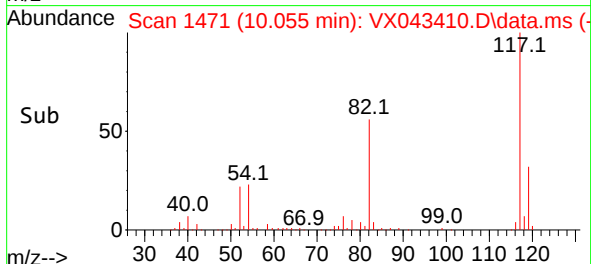
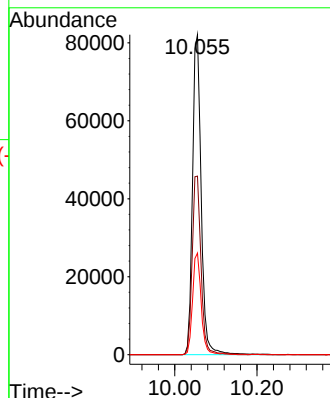
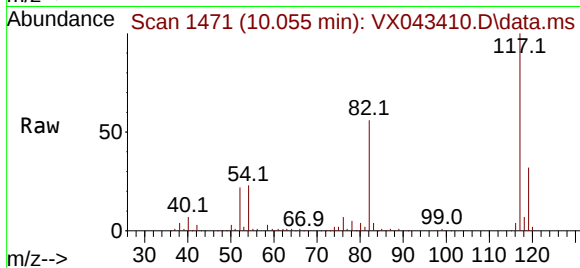
Tgt Ion:117 Resp: 120003

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.6

119 31.8 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043410.D

Acq: 15 Oct 2024 05:01 pm

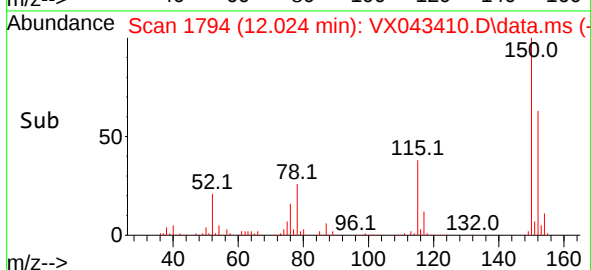
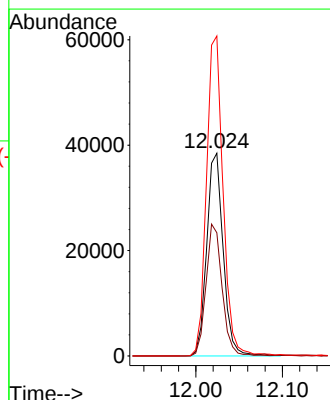
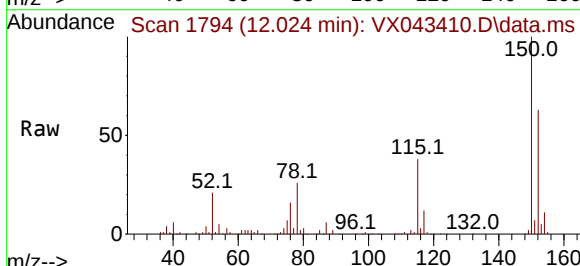
Tgt Ion:152 Resp: 50949

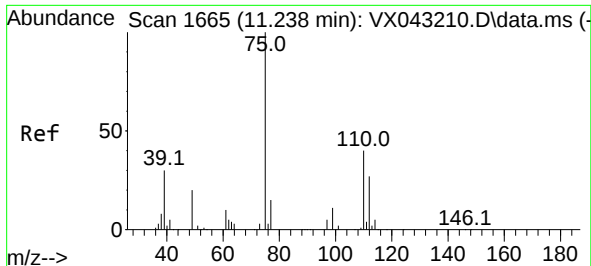
Ion Ratio Lower Upper

152 100

115 63.2 44.1 132.3

150 158.6 0.0 347.4

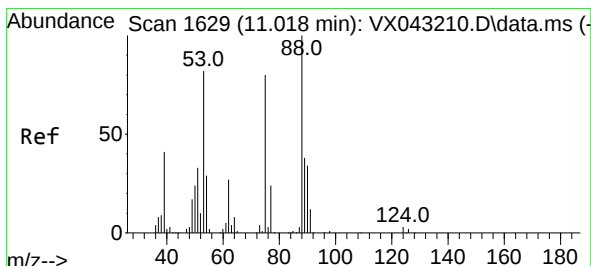
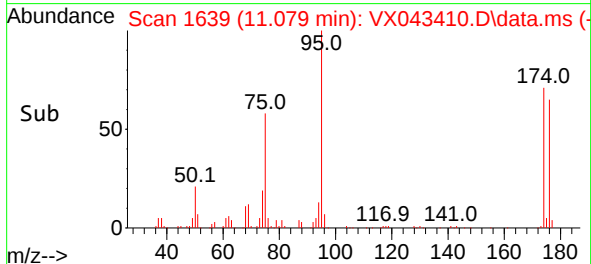
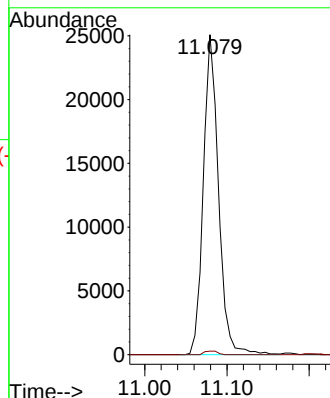
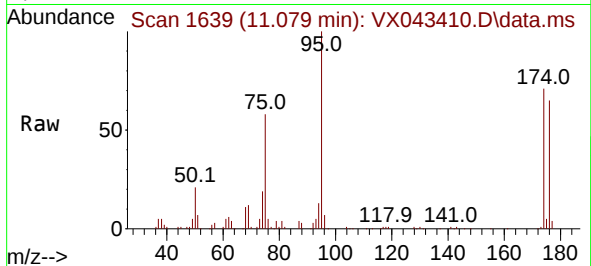




#76
1,2,3-Trichloropropane
Concen: 28.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32102
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043410.D
Acq: 15 Oct 2024 05:01 pm

Tgt Ion: 75 Resp: 32102
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

