

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044213.D
 Acq On : 10 Dec 2024 17:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:38:30 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	5.550	168	100616	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	198316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68974	50.000	ug/l	0.00

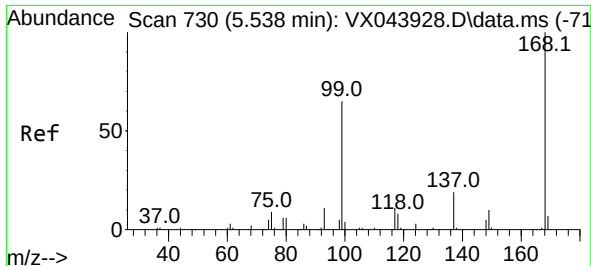
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91442	52.987	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.980%
35) Dibromofluoromethane	5.385	113	64973	45.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.647	98	242438	49.631	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	81330	48.923	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.840%

Target Compounds					Qvalue	
5) Bromomethane	1.599	94	176	0.201	ug/l #	25
11) Tert butyl alcohol	2.946	59	2334	8.426	ug/l #	73
13) Acrolein	2.233	56	141	0.483	ug/l #	13
16) Acetone	2.392	43	455	0.574	ug/l #	46
31) Cyclohexane	5.537	56	3098	1.611	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	9889	5.600	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11738	5.916	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1497	0.703	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45703	30.215	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	45703	82.450	ug/l #	7

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

Quant Time: Dec 11 01:38:30 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

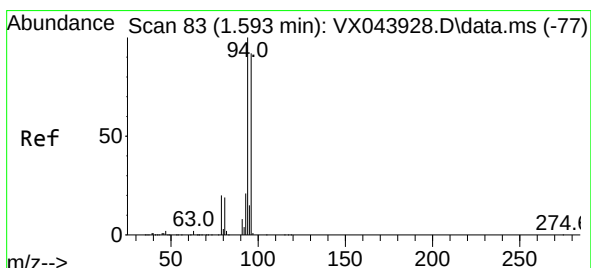
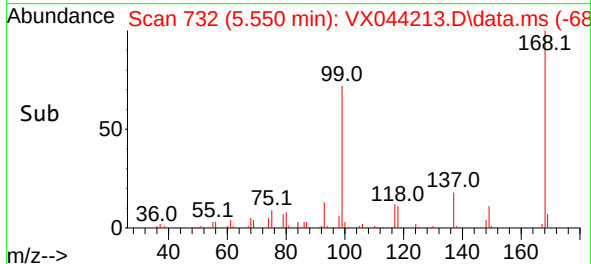
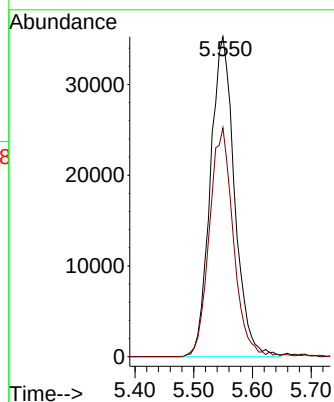
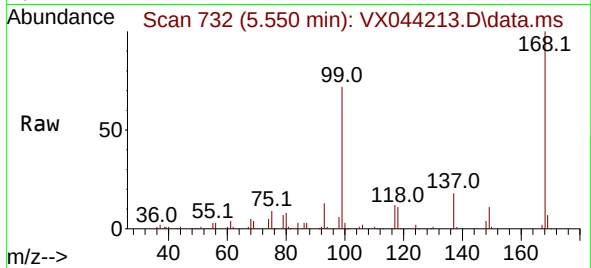




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

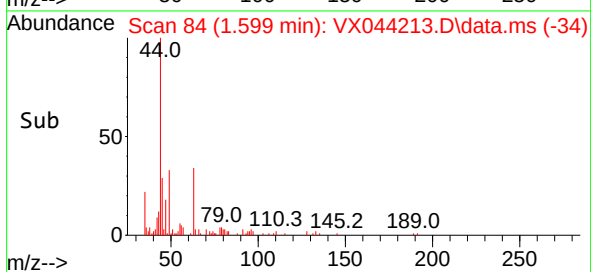
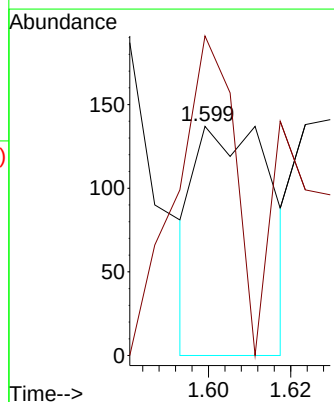
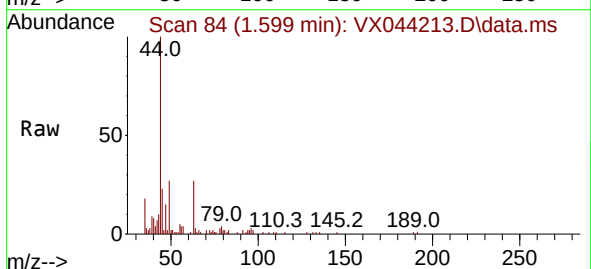
Instrument :
MSVOA_X
ClientSampleId :

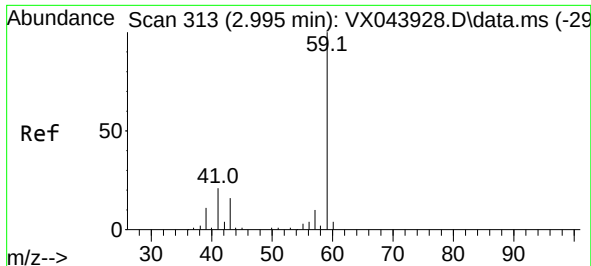
Tgt Ion:168 Resp: 100616
Ion Ratio Lower Upper
168 100
99 71.6 51.8 77.8



#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 164.3 73.9 110.9#





#11

Tert butyl alcohol

Concen: 8.426 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX044213.D

Acq: 10 Dec 2024 17:10

Instrument :

MSVOA_X

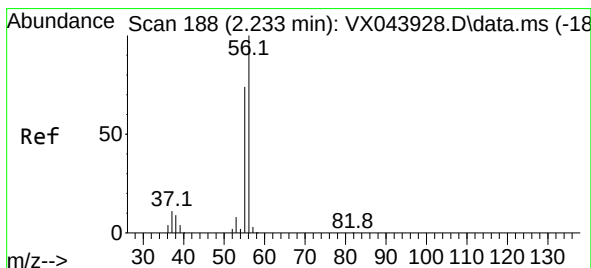
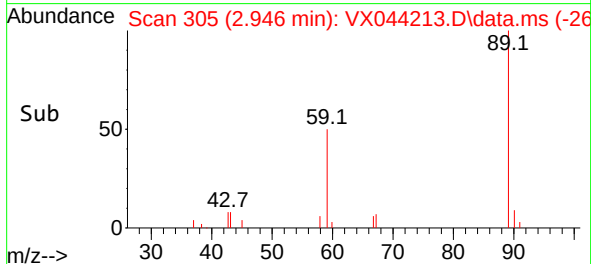
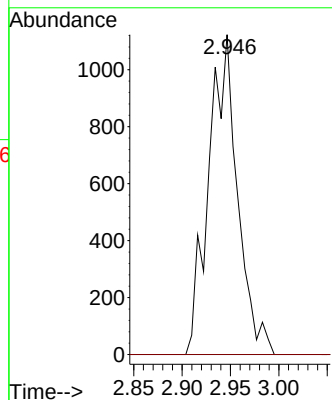
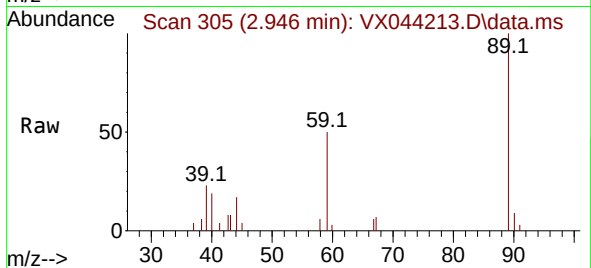
ClientSampleId :

Tgt Ion: 59 Resp: 2334

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.483 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044213.D

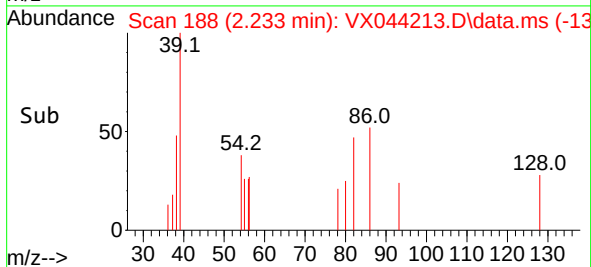
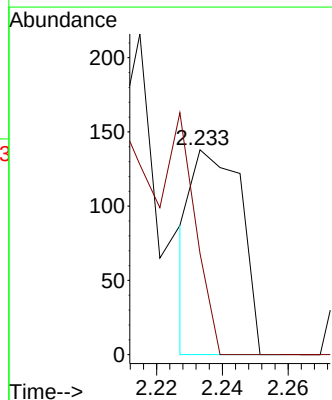
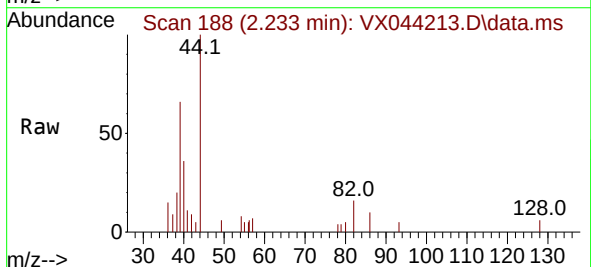
Acq: 10 Dec 2024 17:10

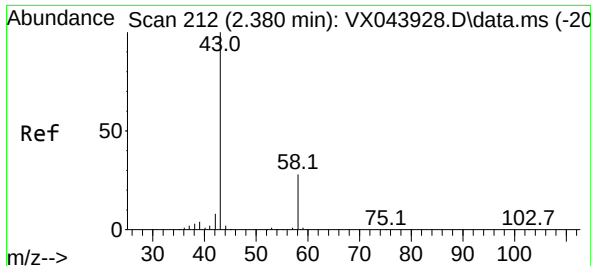
Tgt Ion: 56 Resp: 141

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#

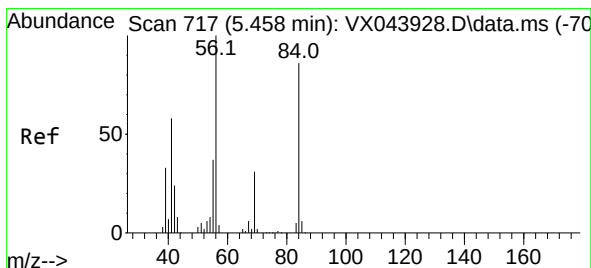
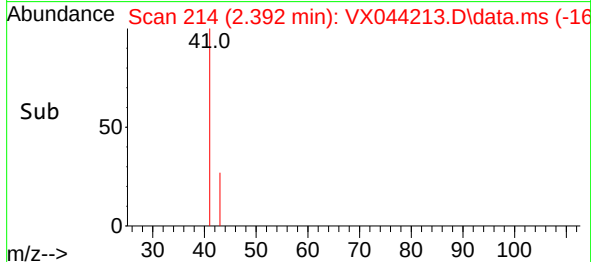
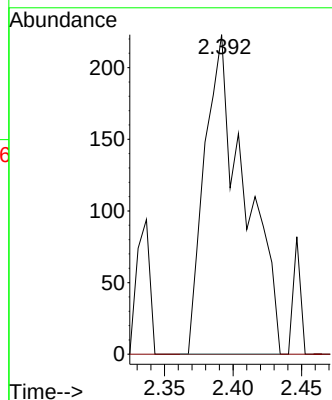
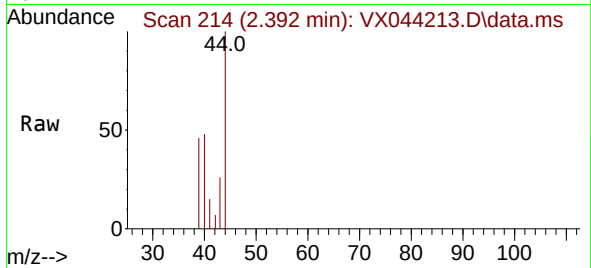




#16
Acetone
Concen: 0.574 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

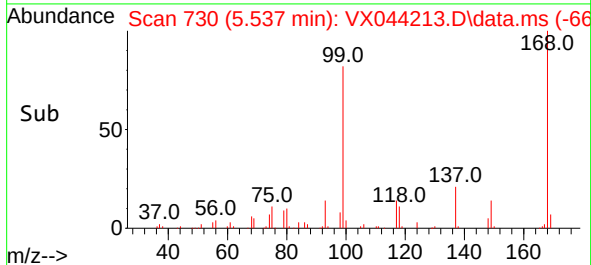
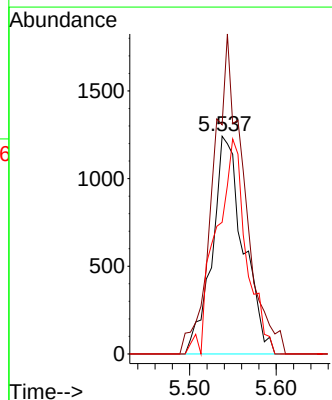
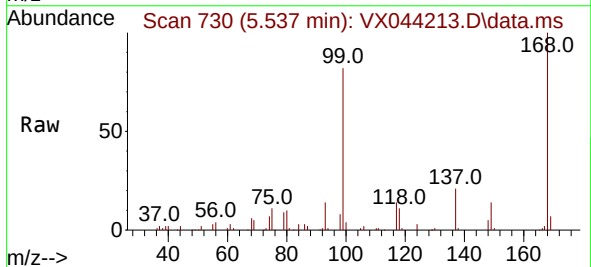
Instrument :
MSVOA_X
ClientSampleId :

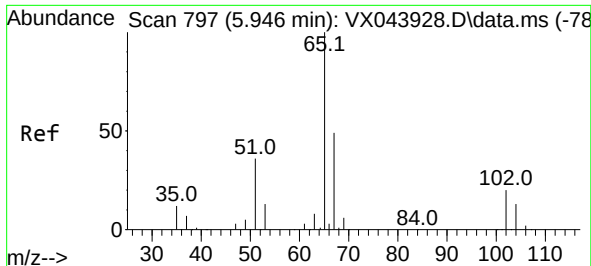
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.611 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

Tgt Ion: 56 Resp: 3098
Ion Ratio Lower Upper
56 100
69 105.2 24.7 37.1#
84 60.5 68.7 103.1#

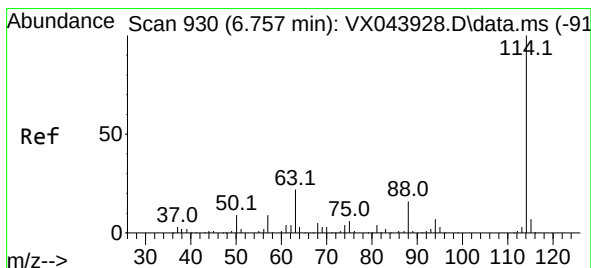
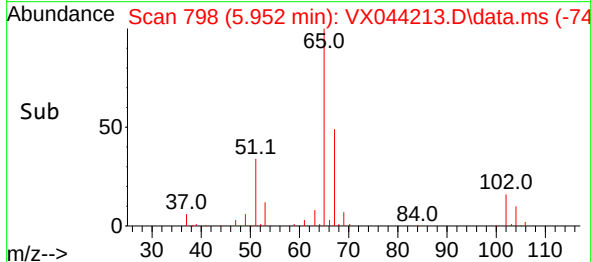
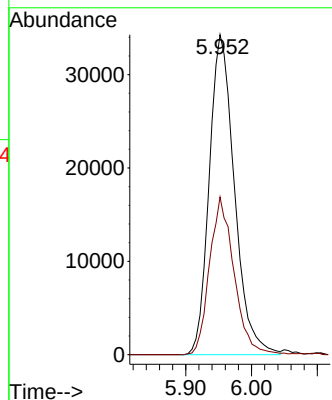
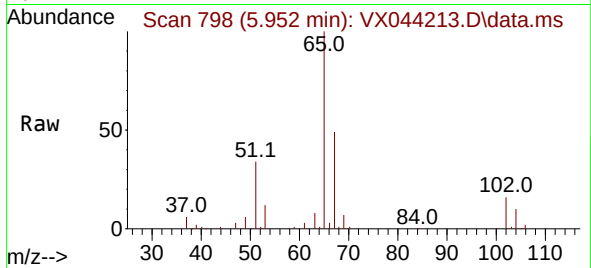




#33
 1,2-Dichloroethane-d4
 Concen: 52.987 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044213.D
 Acq: 10 Dec 2024 17:10

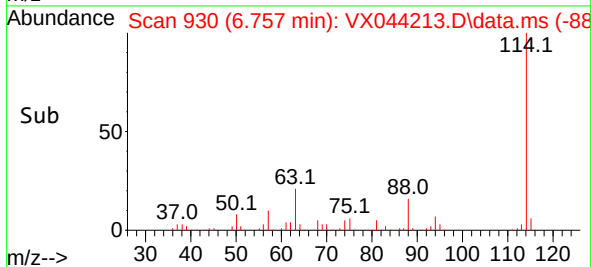
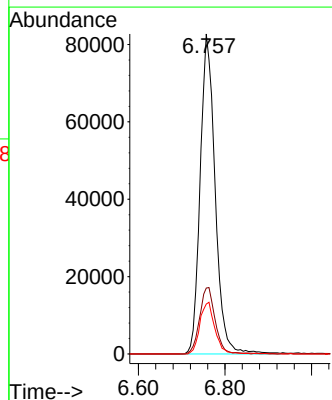
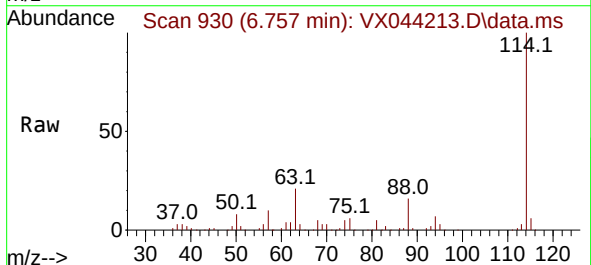
Instrument :
 MSVOA_X
 ClientSampleId :

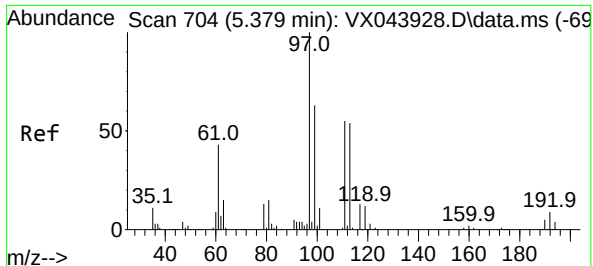
Tgt Ion: 65 Resp: 91442
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044213.D
 Acq: 10 Dec 2024 17:10

Tgt Ion: 114 Resp: 198316
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.0
 88 15.6 0.0 32.4

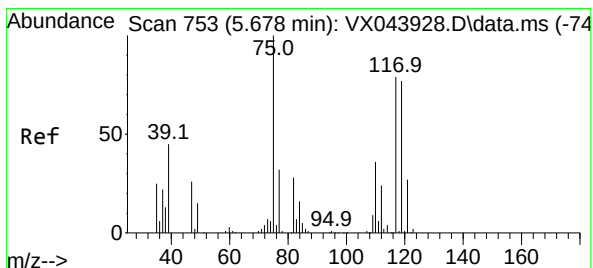
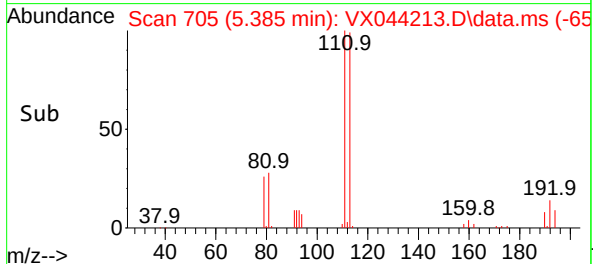
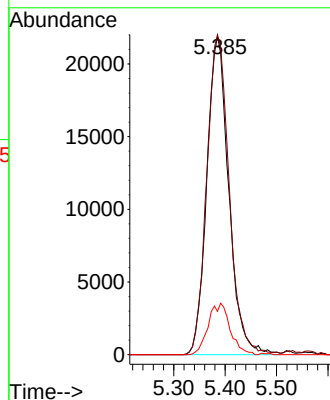
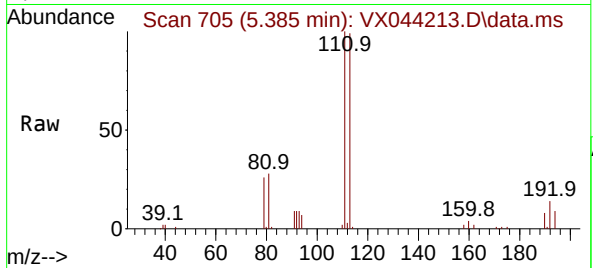




#35
Dibromofluoromethane
Concen: 45.850 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

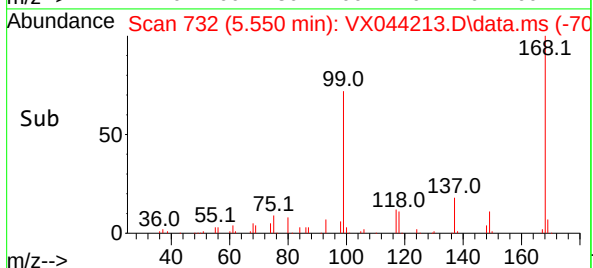
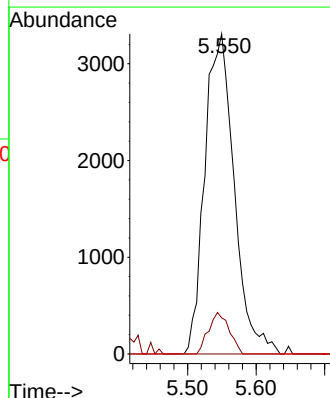
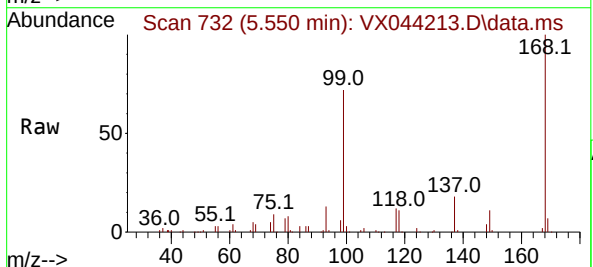
Instrument :
MSVOA_X
ClientSampleId :

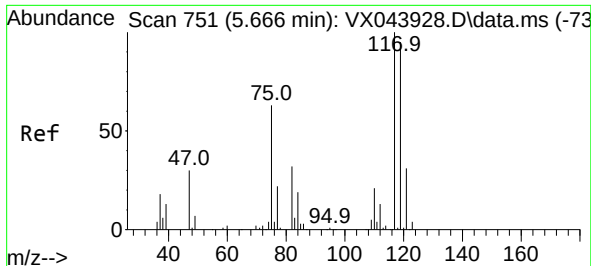
Tgt Ion:113 Resp: 64973
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.4
192 16.2 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.600 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

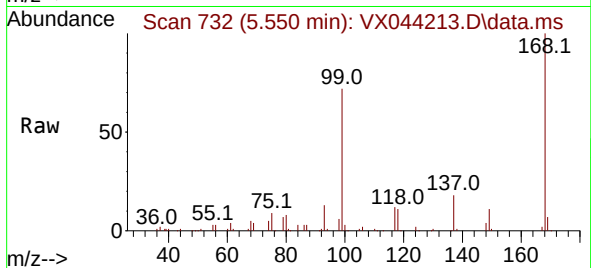
Tgt Ion: 75 Resp: 9889
Ion Ratio Lower Upper
75 100
110 9.1 17.4 52.2#
77 0.0 25.8 38.8#



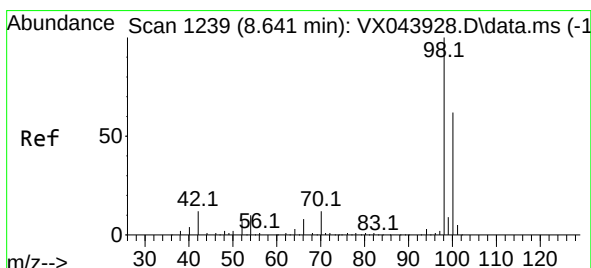
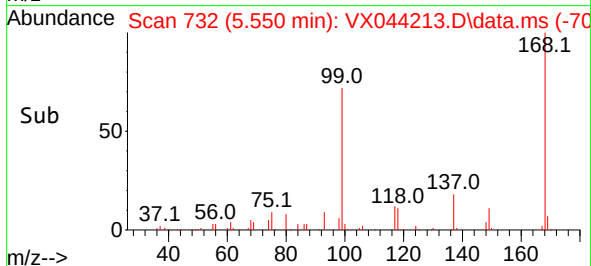
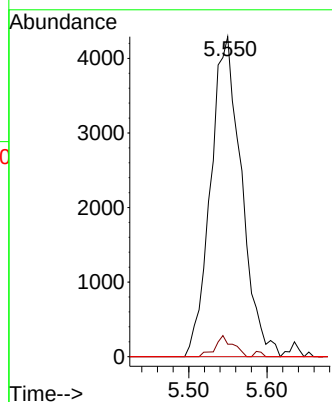


#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

Instrument :
MSVOA_X
ClientSampleId :

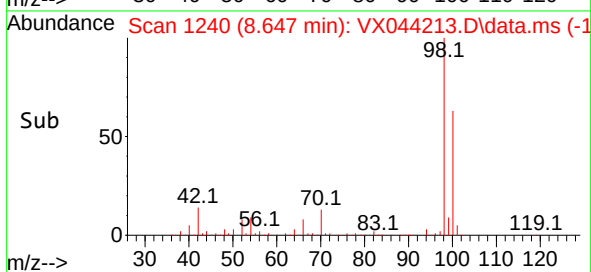
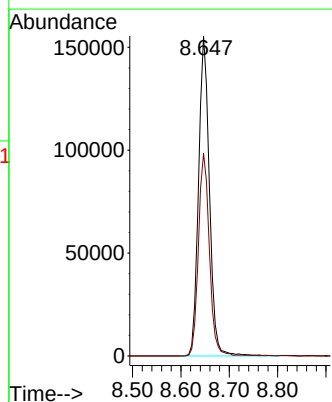
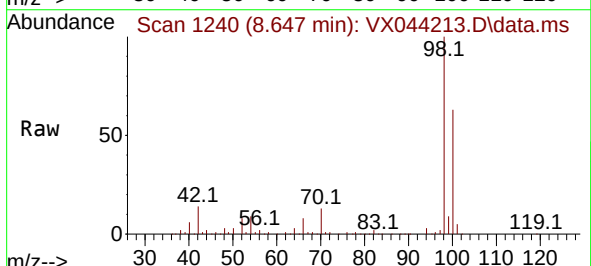


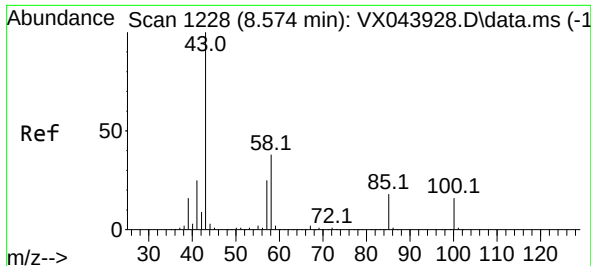
Tgt Ion:117 Resp: 11738
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.631 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

Tgt Ion: 98 Resp: 242438
Ion Ratio Lower Upper
98 100
100 63.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 0.703 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX044213.D

Acq: 10 Dec 2024 17:10

Instrument :

MSVOA_X

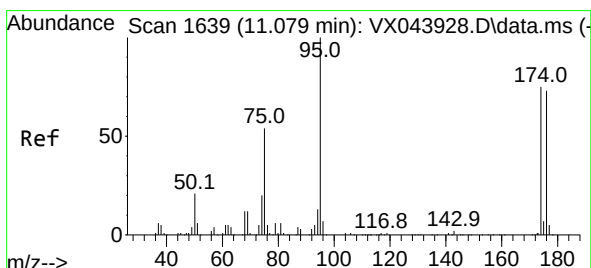
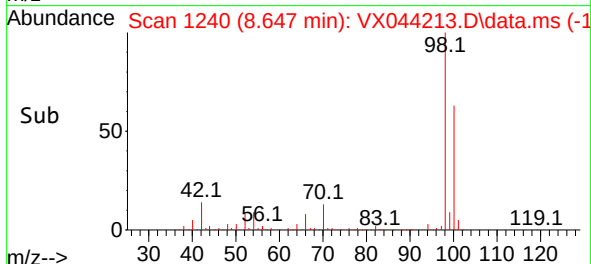
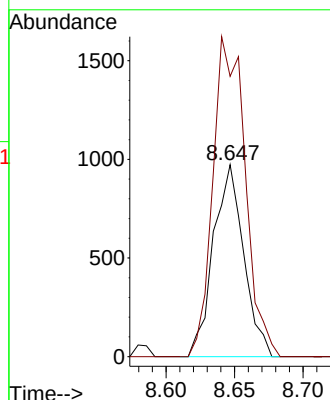
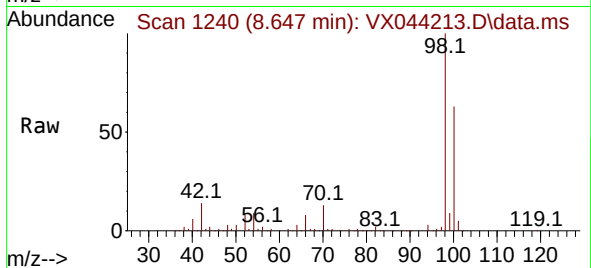
ClientSampleId :

Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

58 177.1 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 48.923 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044213.D

Acq: 10 Dec 2024 17:10

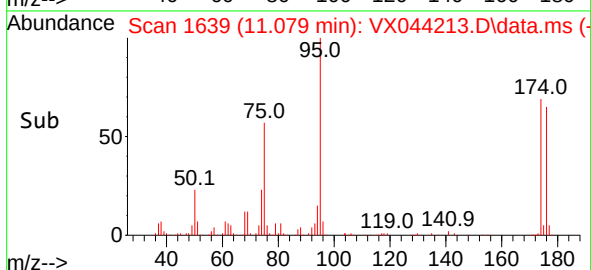
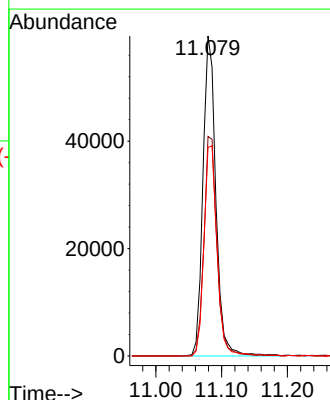
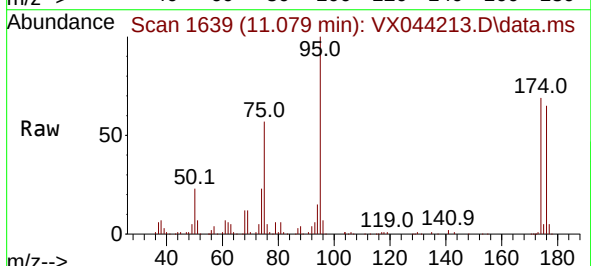
Tgt Ion: 95 Resp: 81330

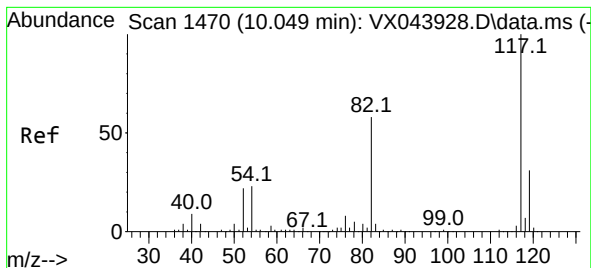
Ion Ratio Lower Upper

95 100

174 68.3 0.0 150.4

176 67.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044213.D

Acq: 10 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

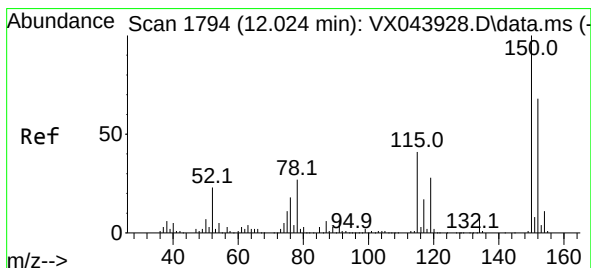
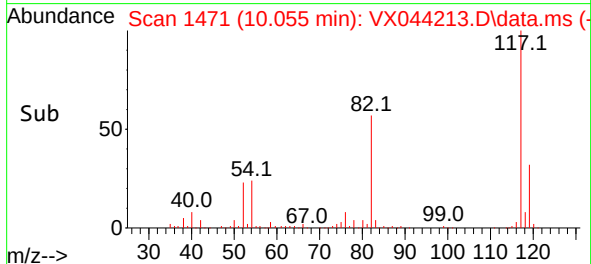
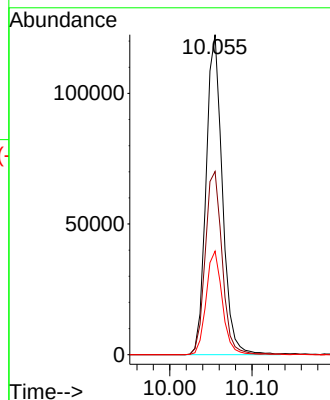
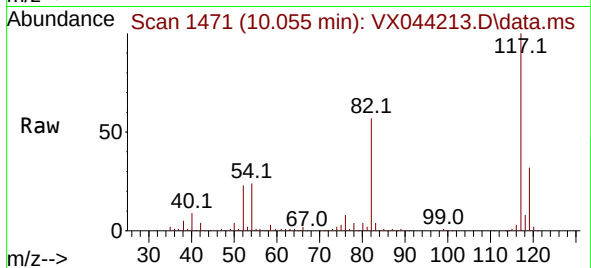
Tgt Ion:117 Resp: 168816

Ion Ratio Lower Upper

117 100

82 57.2 46.4 69.6

119 32.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044213.D

Acq: 10 Dec 2024 17:10

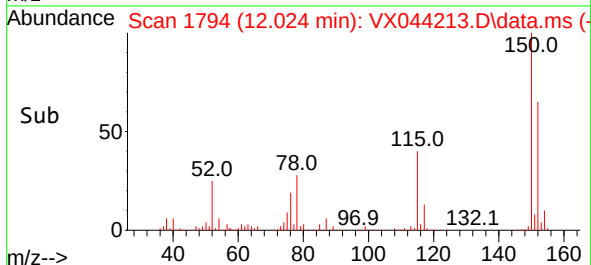
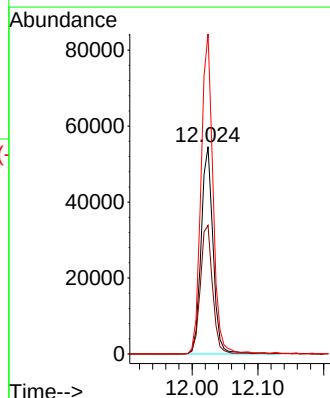
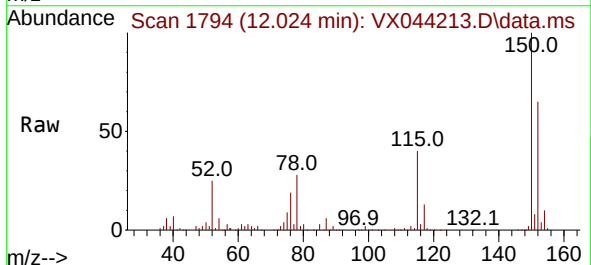
Tgt Ion:152 Resp: 68974

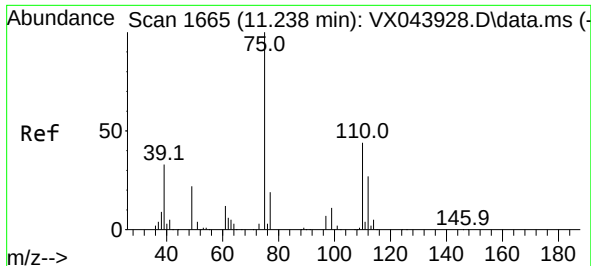
Ion Ratio Lower Upper

152 100

115 63.5 45.4 136.2

150 153.3 0.0 353.0

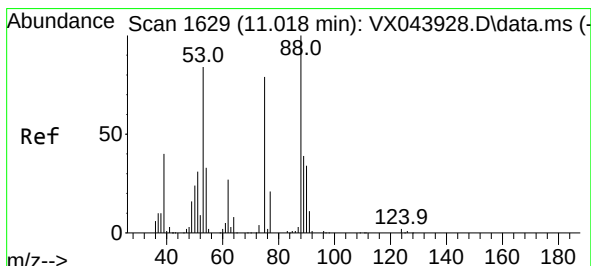
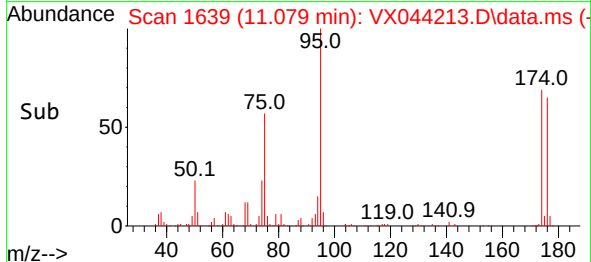
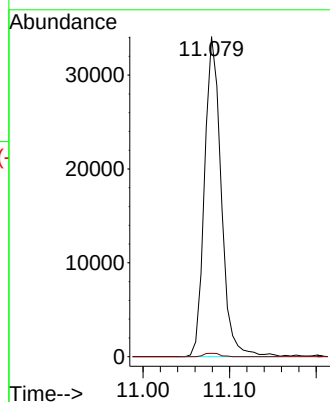
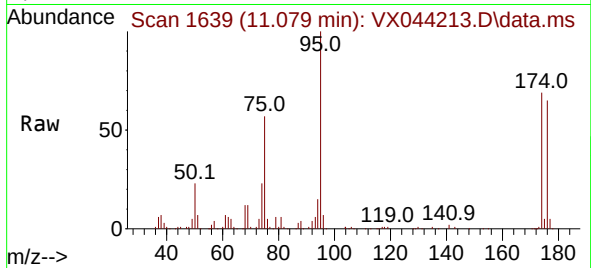




#76
1,2,3-Trichloropropane
Concen: 30.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45703
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044213.D
Acq: 10 Dec 2024 17:10

Tgt Ion: 75 Resp: 45703
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.2 38.2 57.2#

