

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043432.D
 Acq On : 18 Oct 2024 14:23
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:20:09 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)

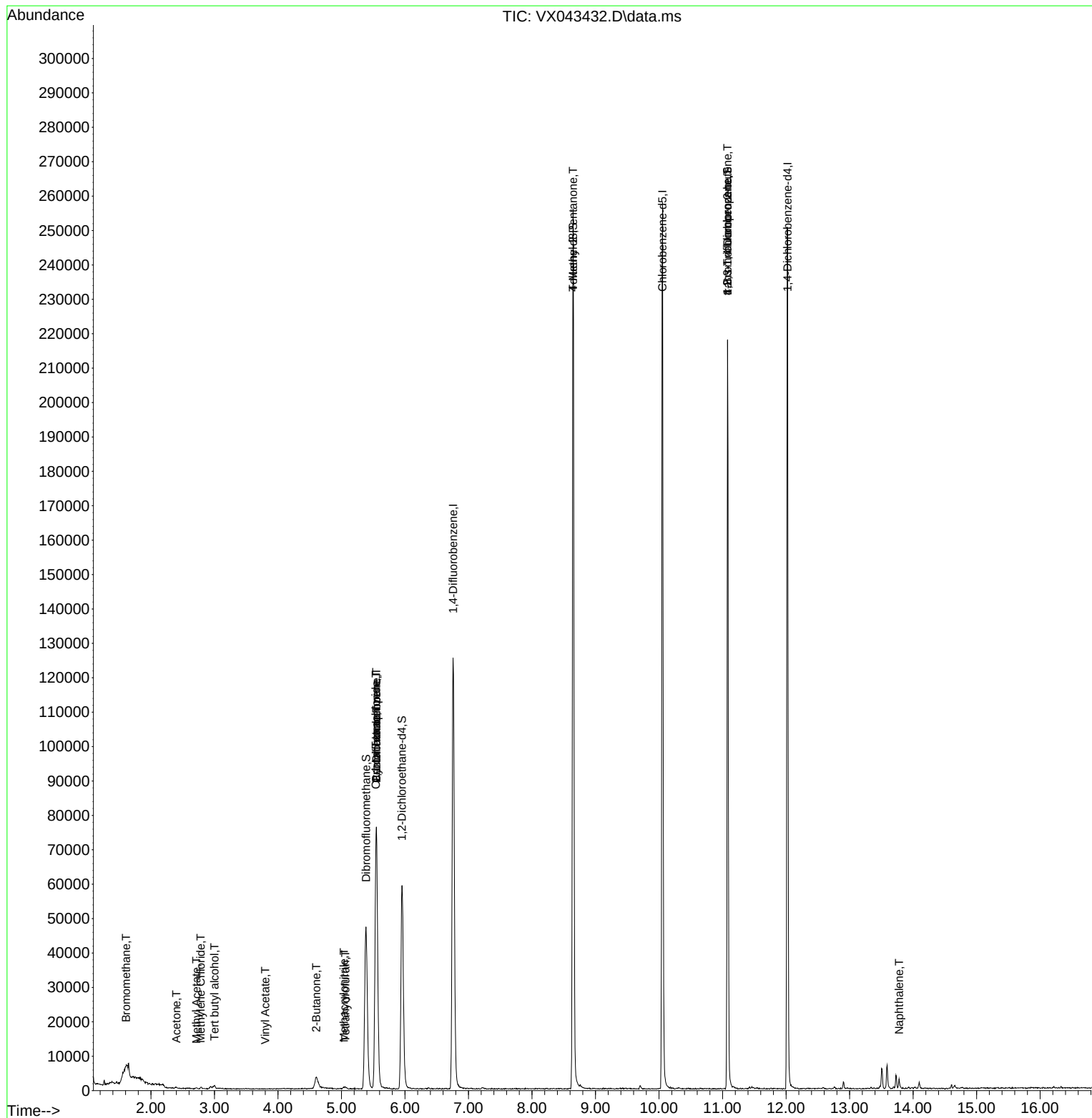
Internal Standards						
1) Pentafluorobenzene	5.550	168	69226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61145	54.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.160%			
35) Dibromofluoromethane	5.385	113	42199	47.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.820%			
50) Toluene-d8	8.647	98	155142	50.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.079	95	57270	51.110	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.220%			
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	118	0.348	ug/l #	2
11) Tert butyl alcohol	3.002	59	1654	7.688	ug/l #	78
16) Acetone	2.398	43	423	0.896	ug/l	90
18) Methyl Acetate	2.715	43	267	0.225	ug/l #	51
20) Methylene Chloride	2.782	84	188	0.216	ug/l #	70
23) Vinyl Acetate	3.800	43	20	6.346	ug/l #	71
25) 2-Butanone	4.605	43	211	0.326	ug/l #	49
29) Tetrahydrofuran	5.062	42	523	1.268	ug/l #	59
31) Cyclohexane	5.550	56	1885	1.545	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	6218	5.530	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7994	6.006	ug/l #	15
41) Methacrylonitrile	5.038	41	228	0.324	ug/l #	49
51) 4-Methyl-2-Pentanone	8.647	43	859	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31916	27.972	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31916	72.494	ug/l #	8
95) Naphthalene	13.780	128	1848	0.497	ug/l	97

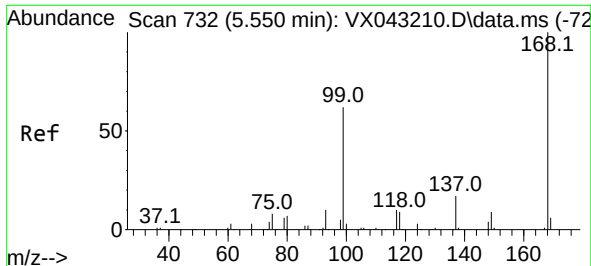
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
Data File : VX043432.D
Acq On : 18 Oct 2024 14:23
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 18 23:20:09 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



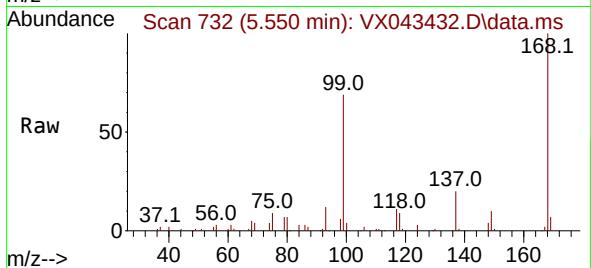


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

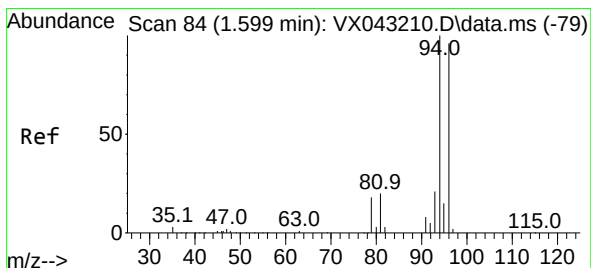
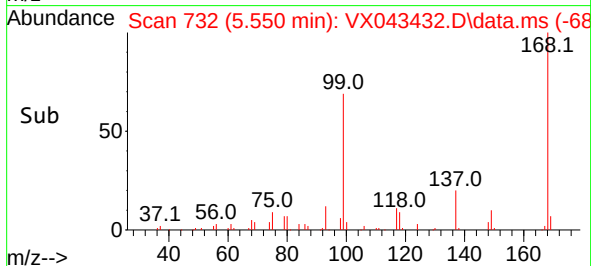
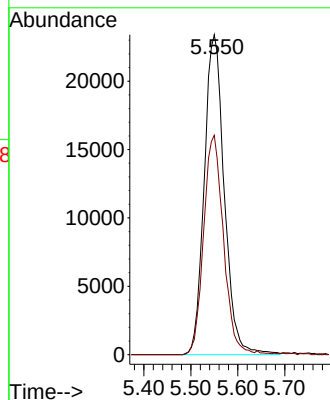
Instrument :

MSVOA_X

ClientSampleId :

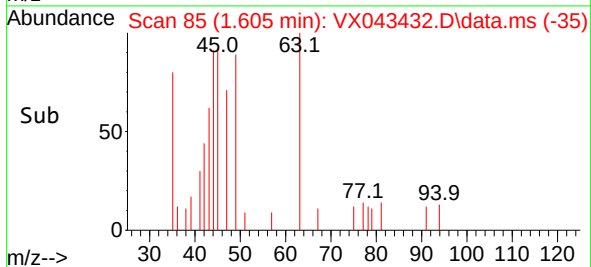
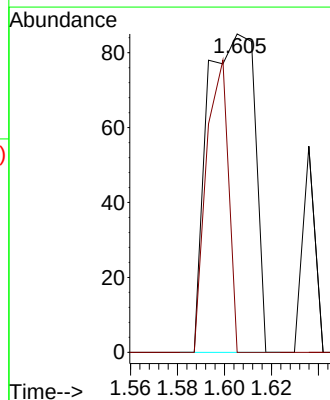
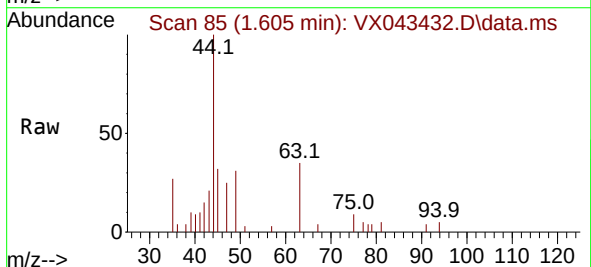


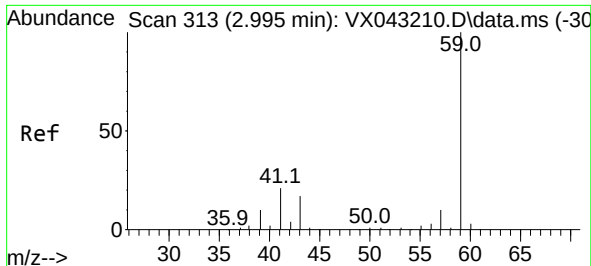
Tgt Ion:168 Resp: 69226
Ion Ratio Lower Upper
168 100
99 68.5 49.7 74.5



#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#

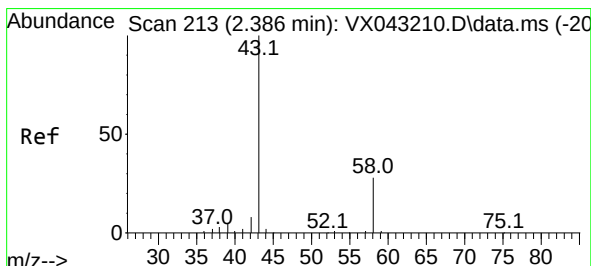
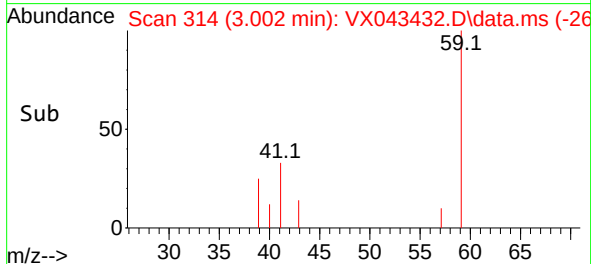
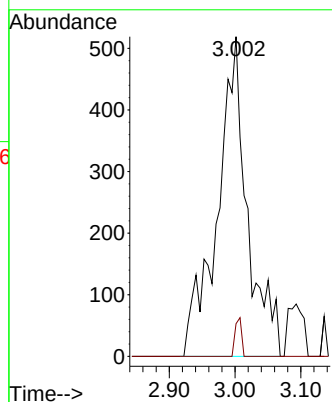
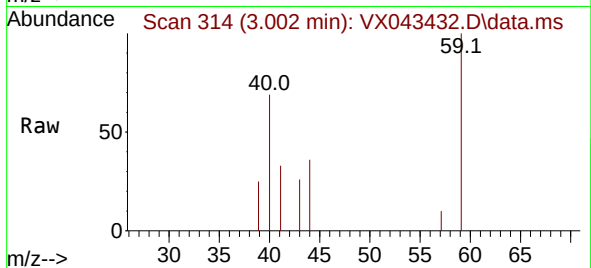




#11
Tert butyl alcohol
Concen: 7.688 ug/l
RT: 3.002 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

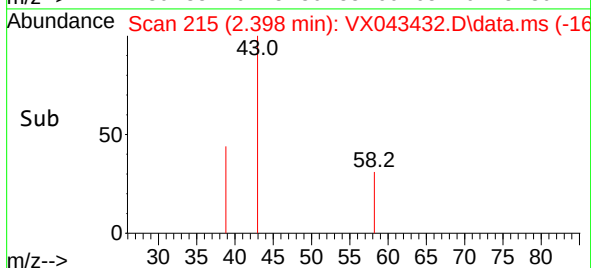
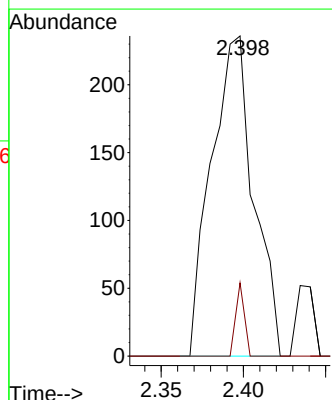
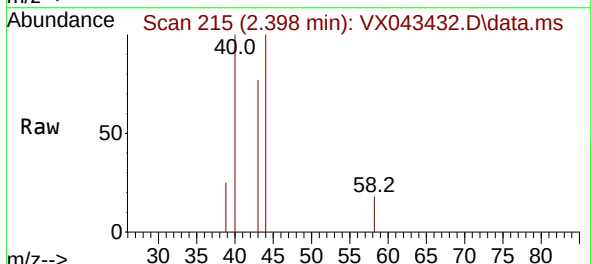
Instrument :
MSVOA_X
ClientSampleId :

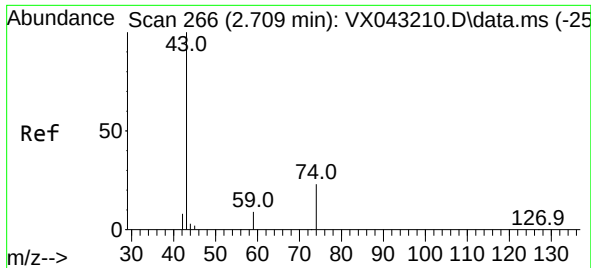
Tgt Ion: 59 Resp: 1654
Ion Ratio Lower Upper
59 100
57 2.5 8.6 13.0#



#16
Acetone
Concen: 0.896 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 22.9 22.6 33.8

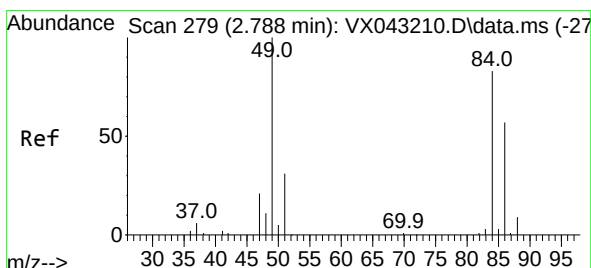
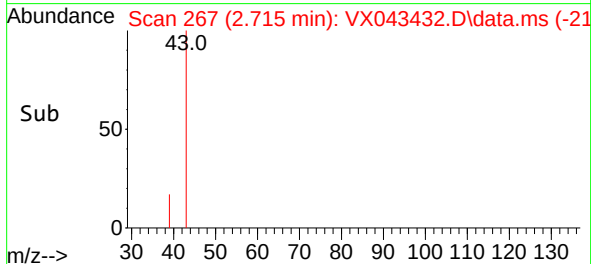
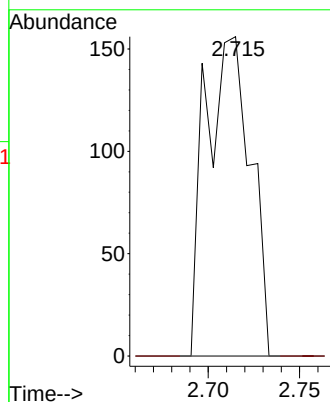
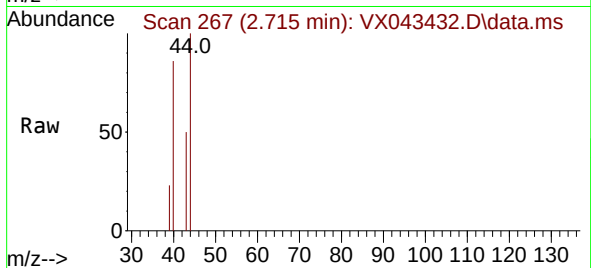




#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

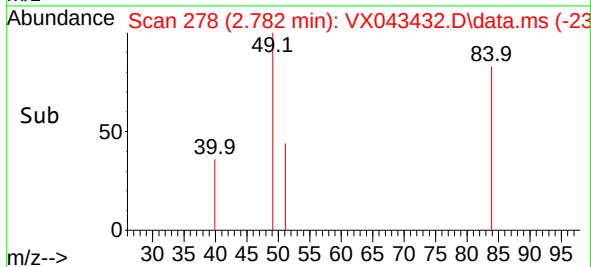
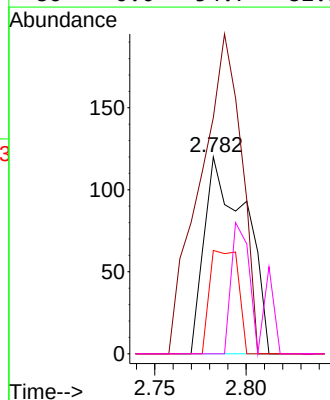
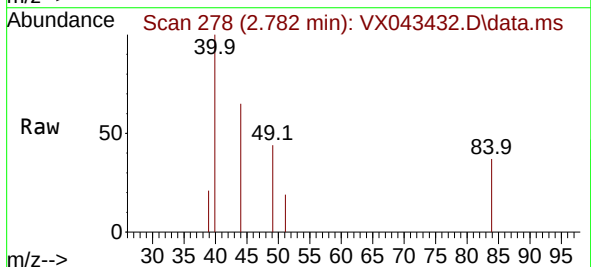
Instrument :
MSVOA_X
ClientSampleId :

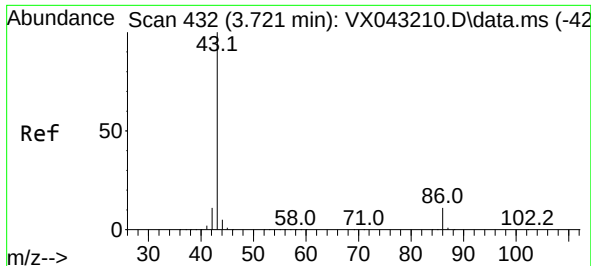
Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Tgt Ion: 84 Resp: 188
Ion Ratio Lower Upper
84 100
49 120.0 96.7 145.1
51 52.5 30.4 45.6#
86 0.0 54.7 82.1#

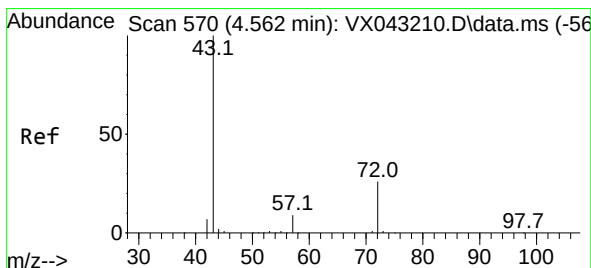
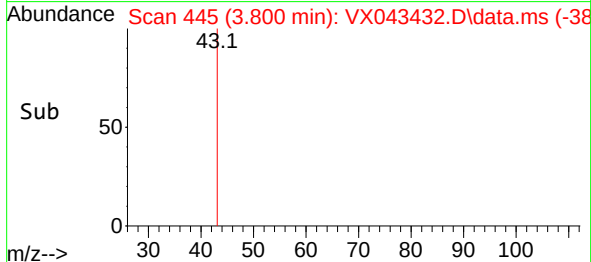
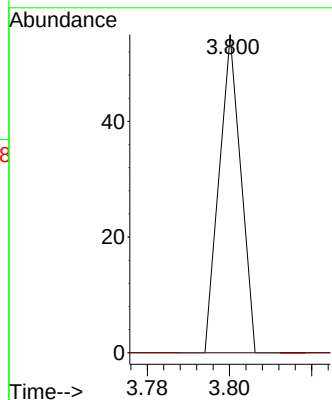
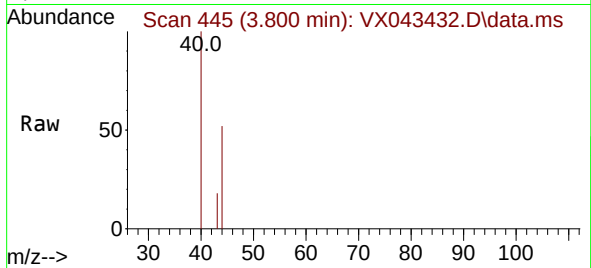




#23
 Vinyl Acetate
 Concen: 6.346 ug/l
 RT: 3.800 min Scan# 44
 Delta R.T. 0.079 min
 Lab File: VX043432.D
 Acq: 18 Oct 2024 14:23

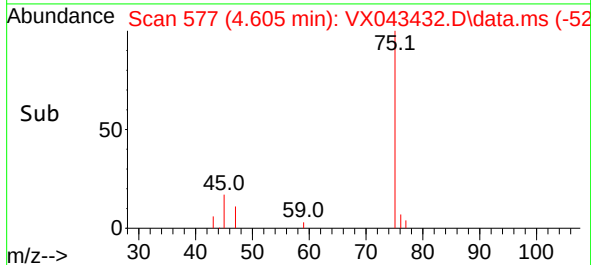
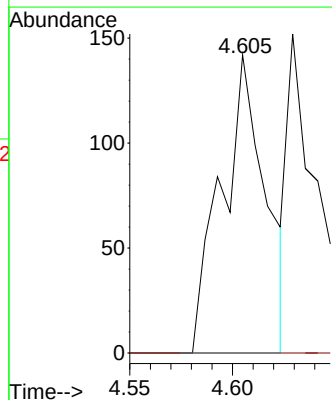
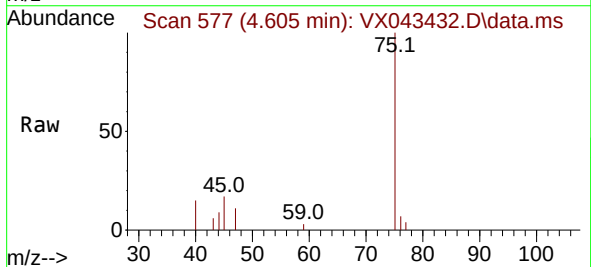
Instrument :
 MSVOA_X
 ClientSampleId :

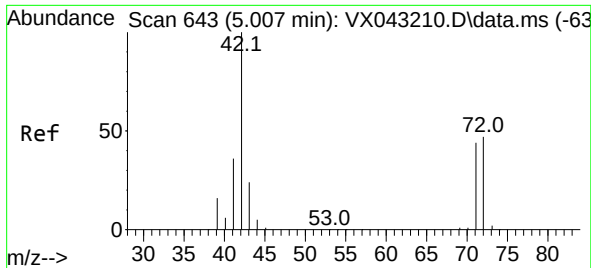
Tgt Ion: 43 Resp: 20
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#25
 2-Butanone
 Concen: 0.326 ug/l
 RT: 4.605 min Scan# 577
 Delta R.T. 0.043 min
 Lab File: VX043432.D
 Acq: 18 Oct 2024 14:23

Tgt Ion: 43 Resp: 211
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.6 31.0#





#29

Tetrahydrofuran

Concen: 1.268 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX043432.D

Acq: 18 Oct 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

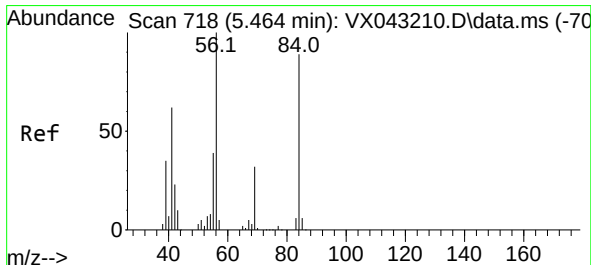
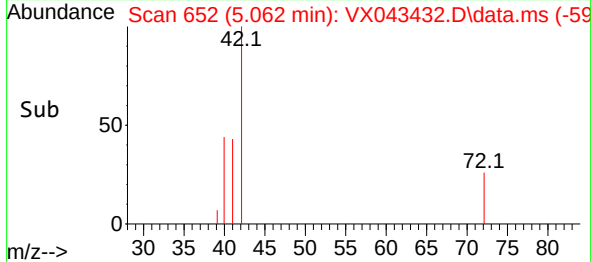
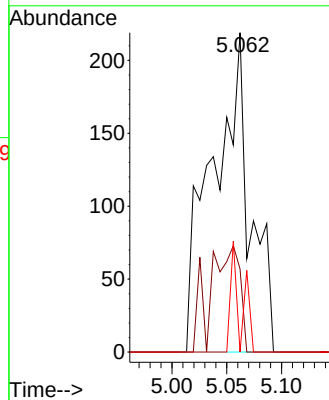
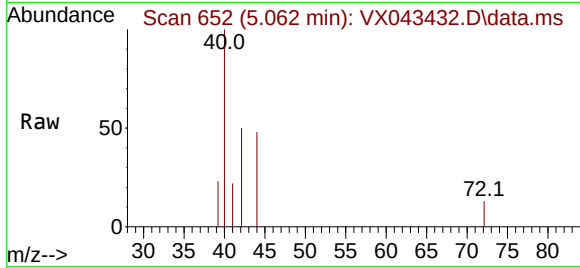
Tgt Ion: 42 Resp: 523

Ion Ratio Lower Upper

42 100

72 26.6 37.7 56.5#

71 9.2 34.6 52.0#



#31

Cyclohexane

Concen: 1.545 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX043432.D

Acq: 18 Oct 2024 14:23

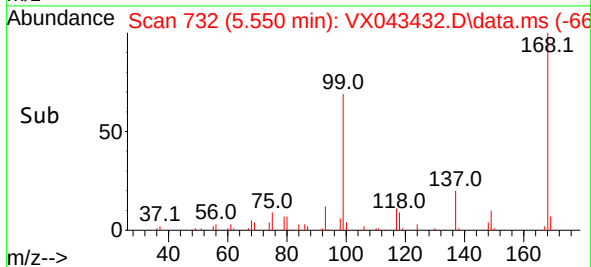
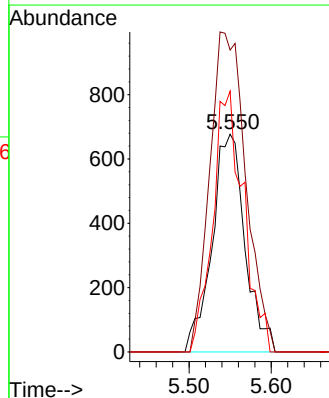
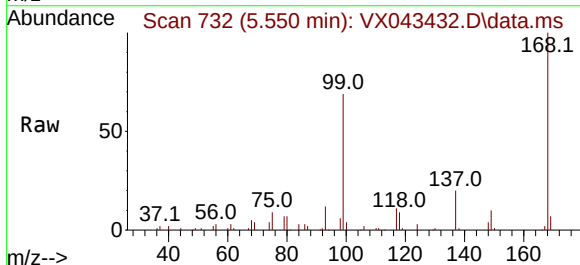
Tgt Ion: 56 Resp: 1885

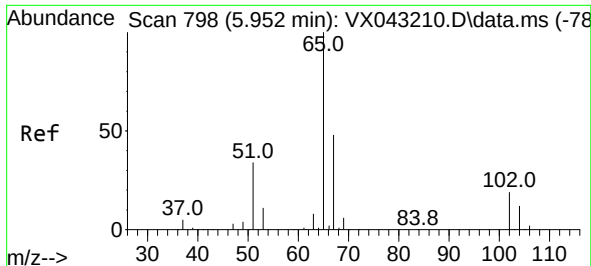
Ion Ratio Lower Upper

56 100

69 138.7 25.8 38.6#

84 119.8 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 54.084 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043432.D

Acq: 18 Oct 2024 14:23

Instrument :

MSVOA_X

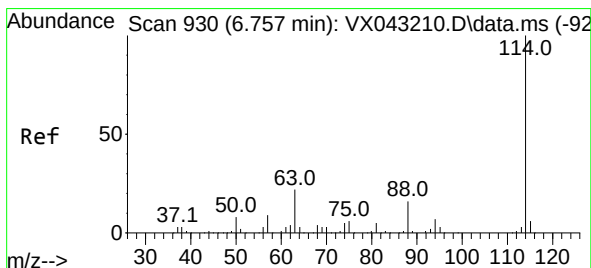
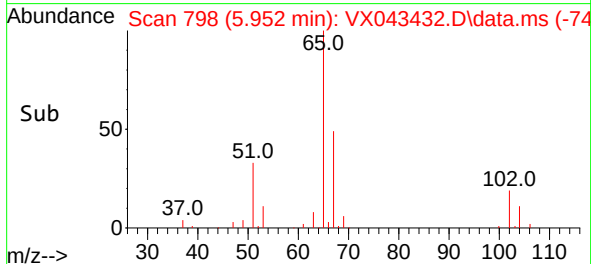
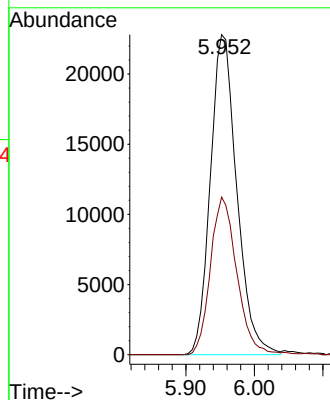
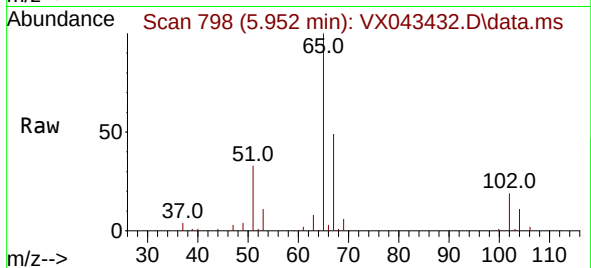
ClientSampleId :

Tgt Ion: 65 Resp: 61145

Ion Ratio Lower Upper

65 100

67 49.2 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: VX043432.D

Acq: 18 Oct 2024 14:23

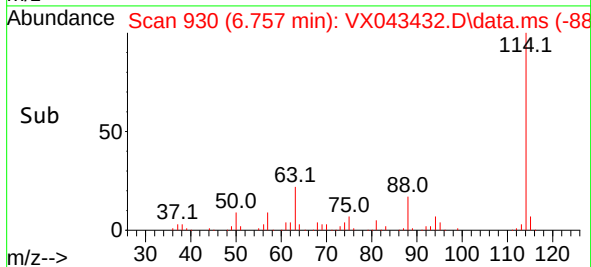
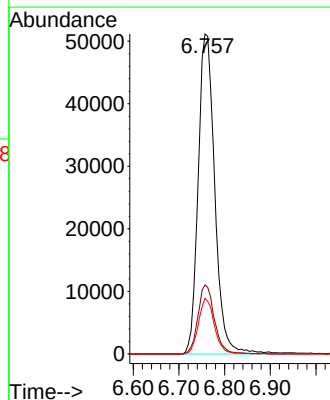
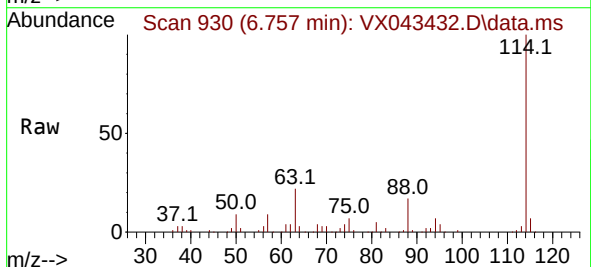
Tgt Ion: 114 Resp: 129057

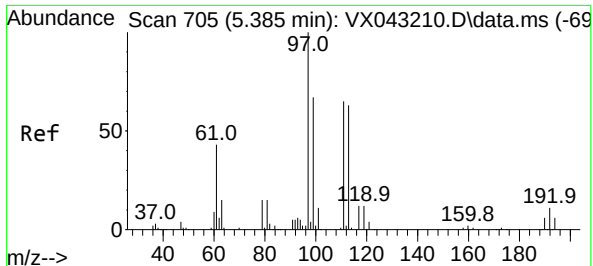
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

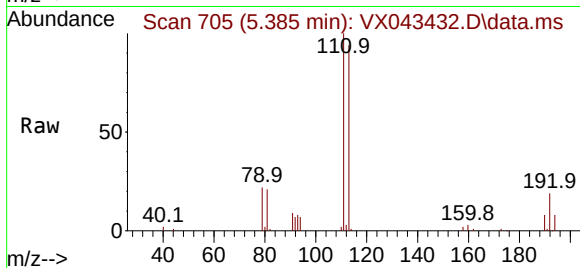
88 17.4 0.0 33.0



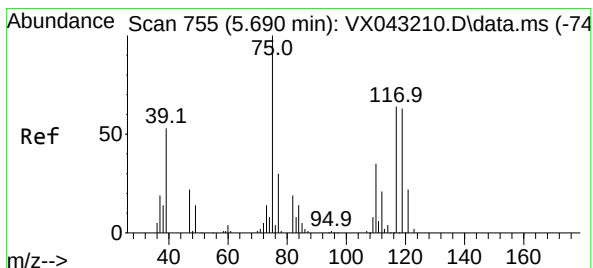
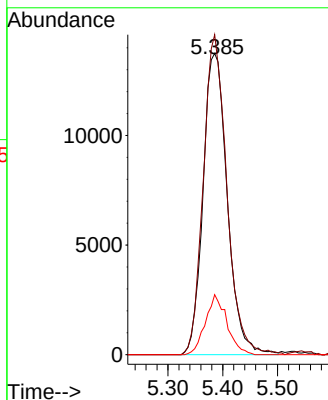
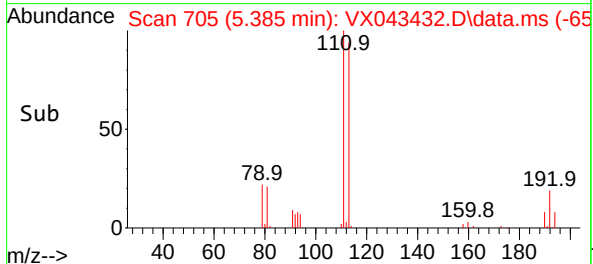


#35
Dibromofluoromethane
Concen: 47.413 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

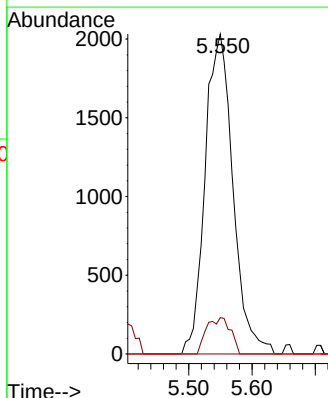
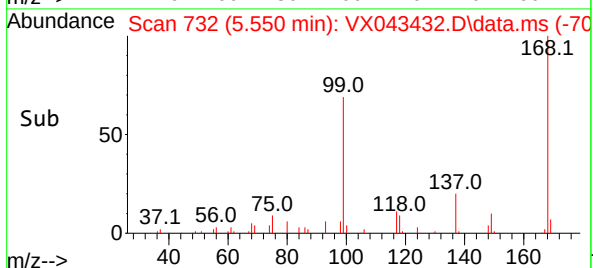
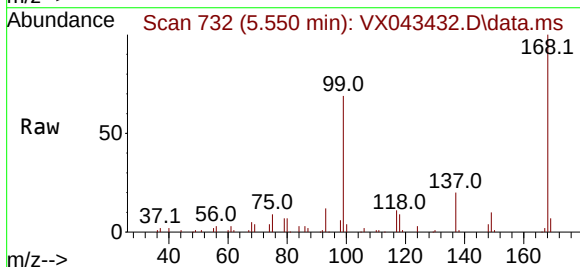


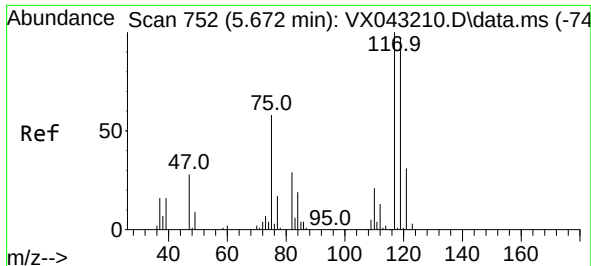
Tgt Ion:113 Resp: 42199
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 17.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.530 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

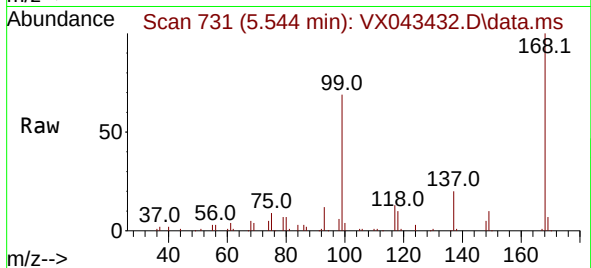
Tgt Ion: 75 Resp: 6218
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.3#
77 0.0 24.9 37.3#



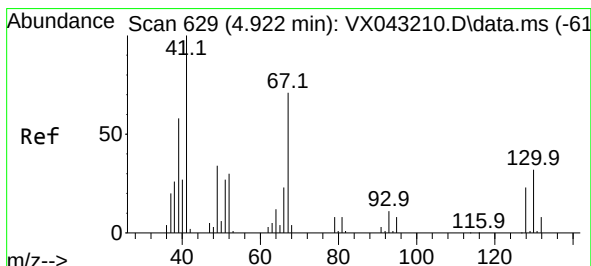
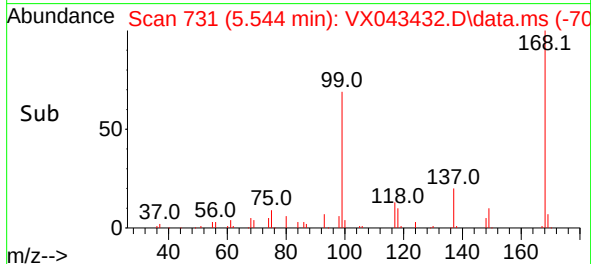
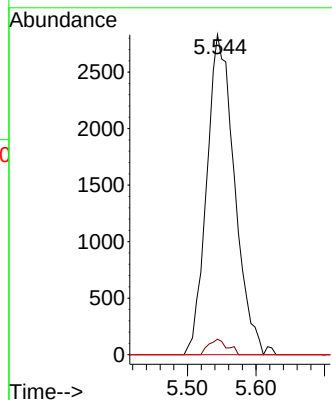


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

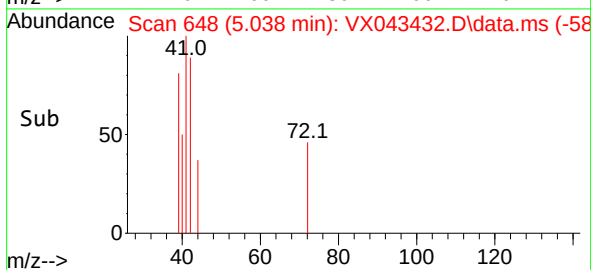
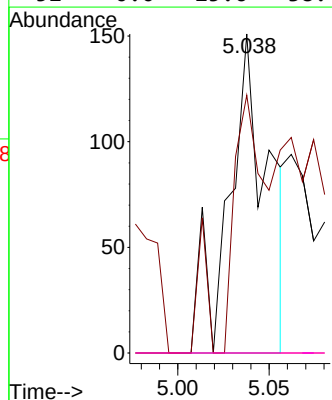
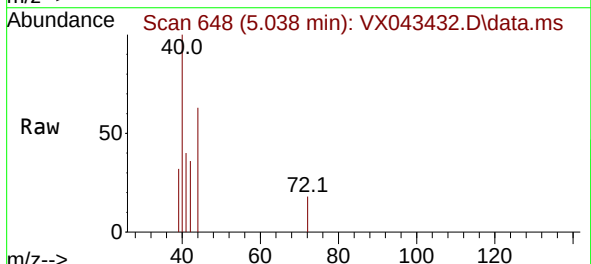


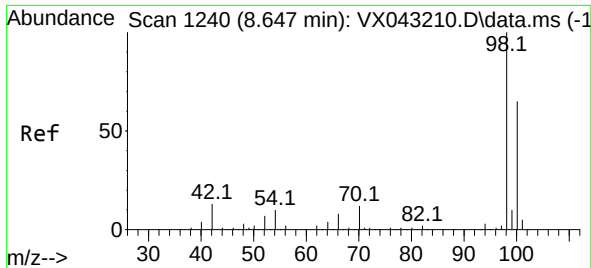
Tgt Ion:117 Resp: 7994
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 0.324 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Tgt Ion: 41 Resp: 228
Ion Ratio Lower Upper
41 100
39 60.5 45.0 67.4
67 0.0 56.0 84.0#
52 0.0 25.6 38.4#

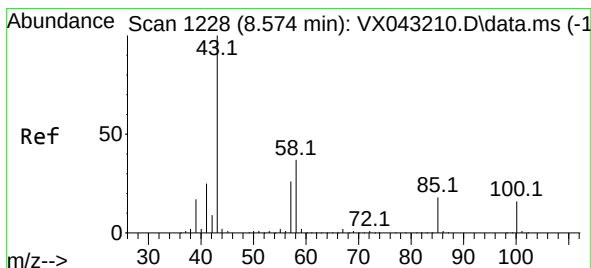
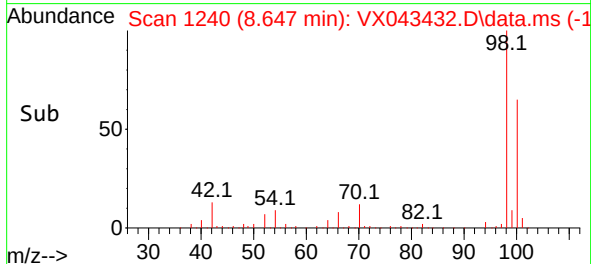
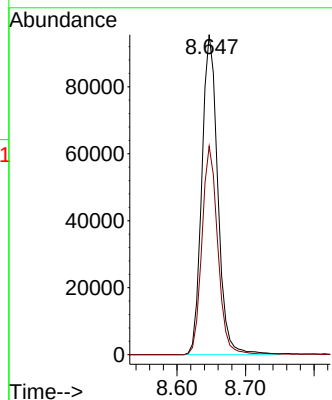
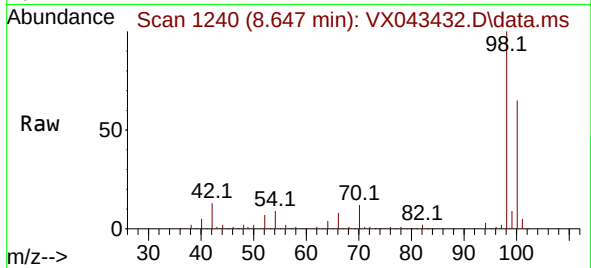




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

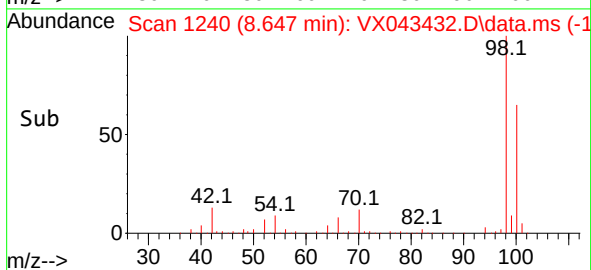
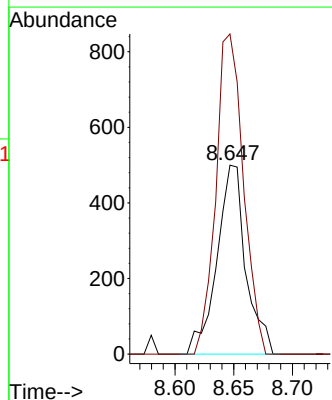
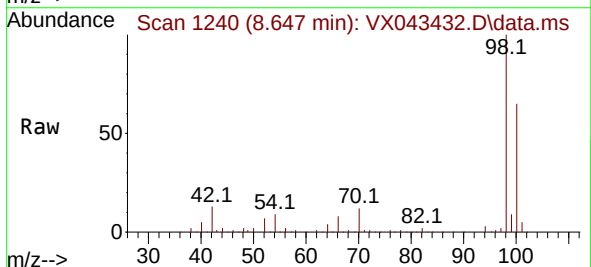
Instrument :
MSVOA_X
ClientSampleId :

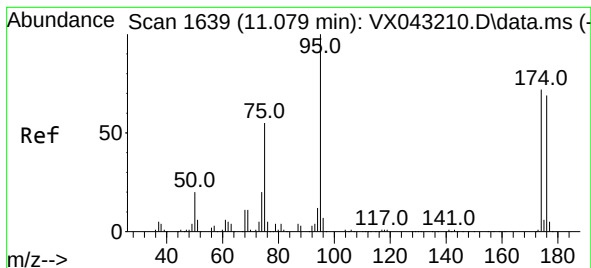
Tgt Ion: 98 Resp: 155142
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 160.9 30.0 45.0#

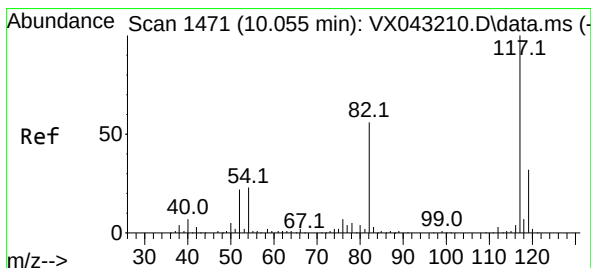
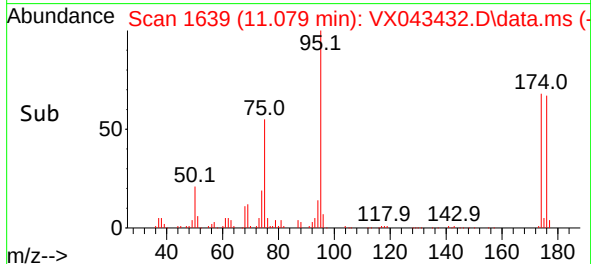
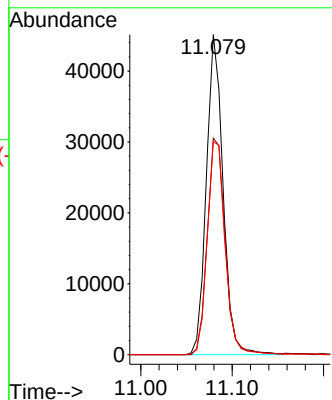
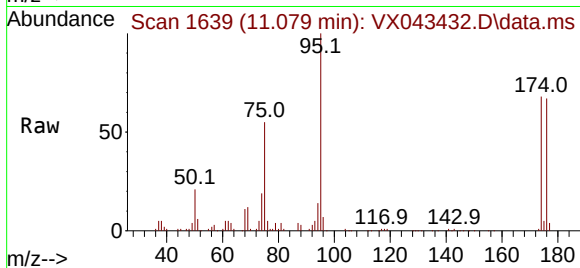




#62
4-Bromofluorobenzene
Concen: 51.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

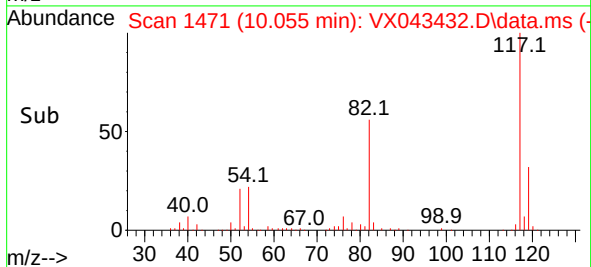
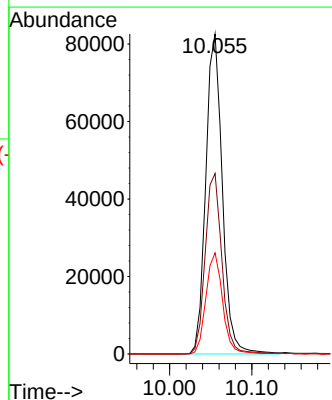
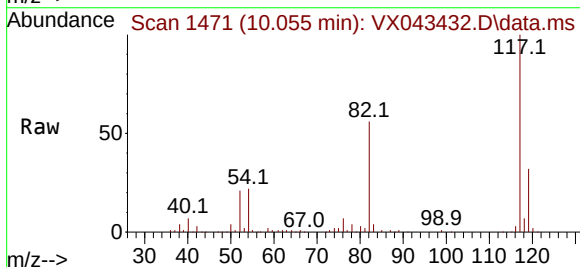
Instrument :
MSVOA_X
ClientSampleId :

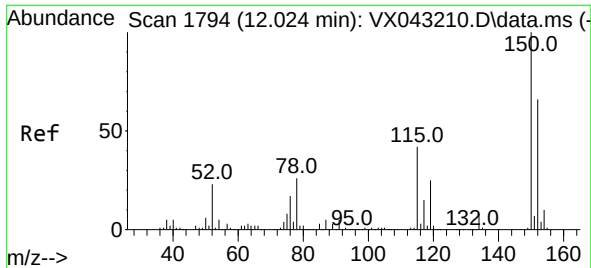
Tgt Ion: 95 Resp: 57270
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.0
176 71.2 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

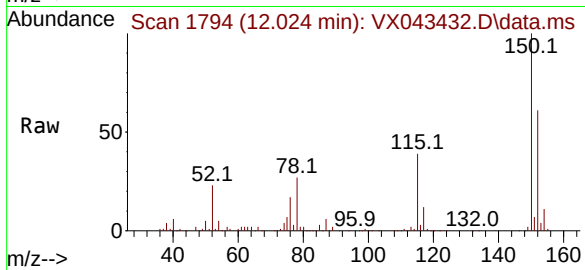
Tgt Ion: 117 Resp: 115768
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 31.6 25.3 37.9



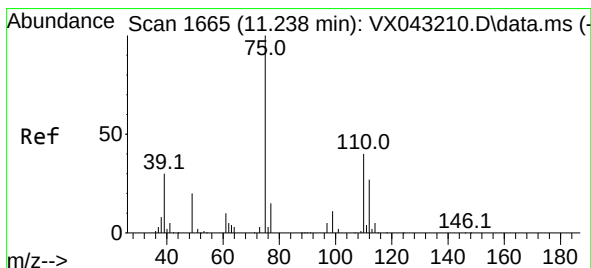
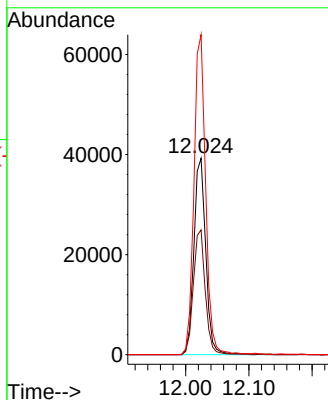
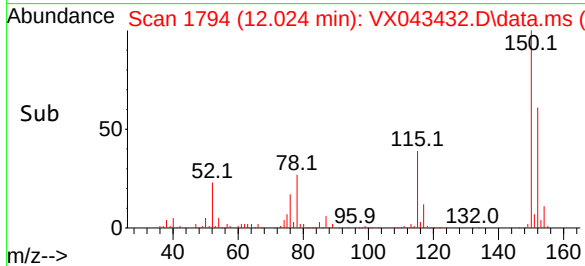


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043432.D
 Acq: 18 Oct 2024 14:23

Instrument :
 MSVOA_X
 ClientSampleId :

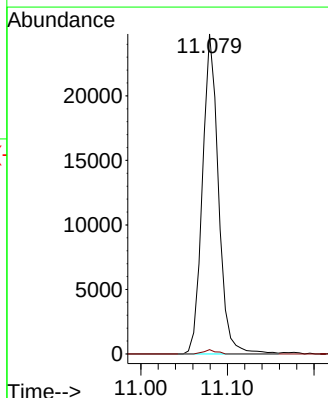
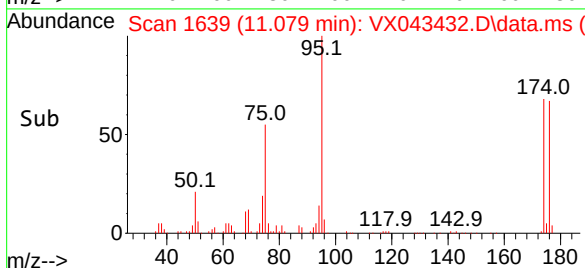
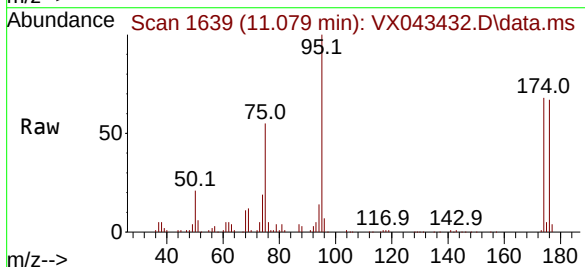


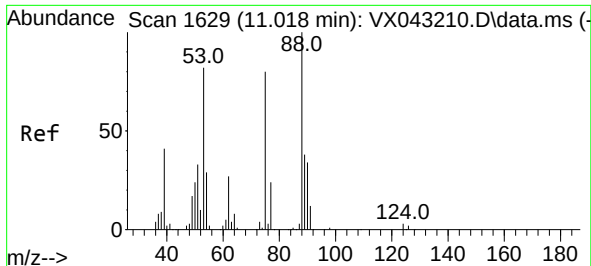
Tgt Ion:152 Resp: 51440
 Ion Ratio Lower Upper
 152 100
 115 64.1 44.1 132.3
 150 159.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 27.972 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043432.D
 Acq: 18 Oct 2024 14:23

Tgt Ion: 75 Resp: 31916
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.0 66.0#

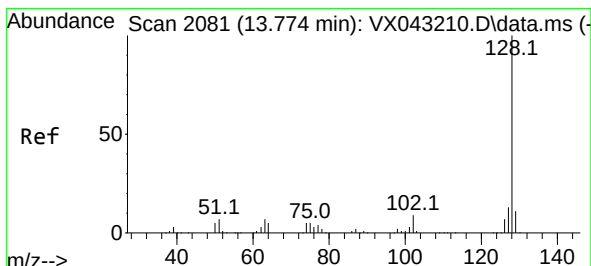
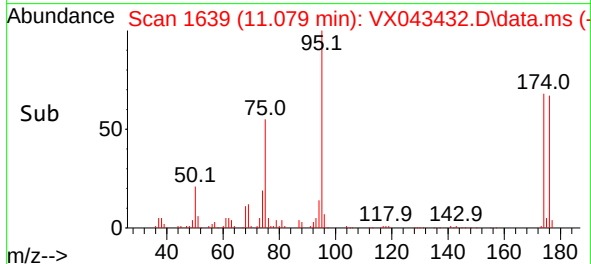
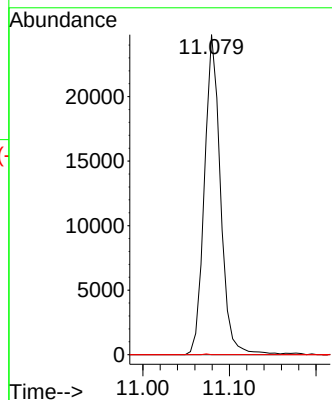
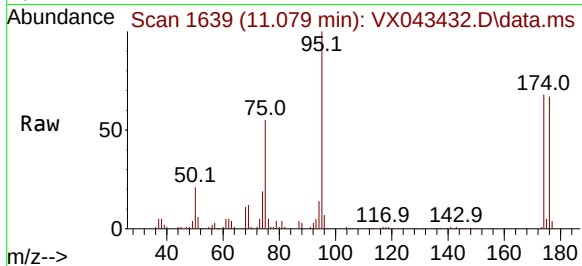




#81
trans-1,4-Dichloro-2-butene
Concen: 72.494 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31916
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#



#95
Naphthalene
Concen: 0.497 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043432.D
Acq: 18 Oct 2024 14:23

Tgt Ion:128 Resp: 1848
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 9.7 8.6 13.0

