

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043313.D
 Acq On : 08 Oct 2024 10:05
 Operator : JC/MD
 Sample : VX1008WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 01:32:24 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)

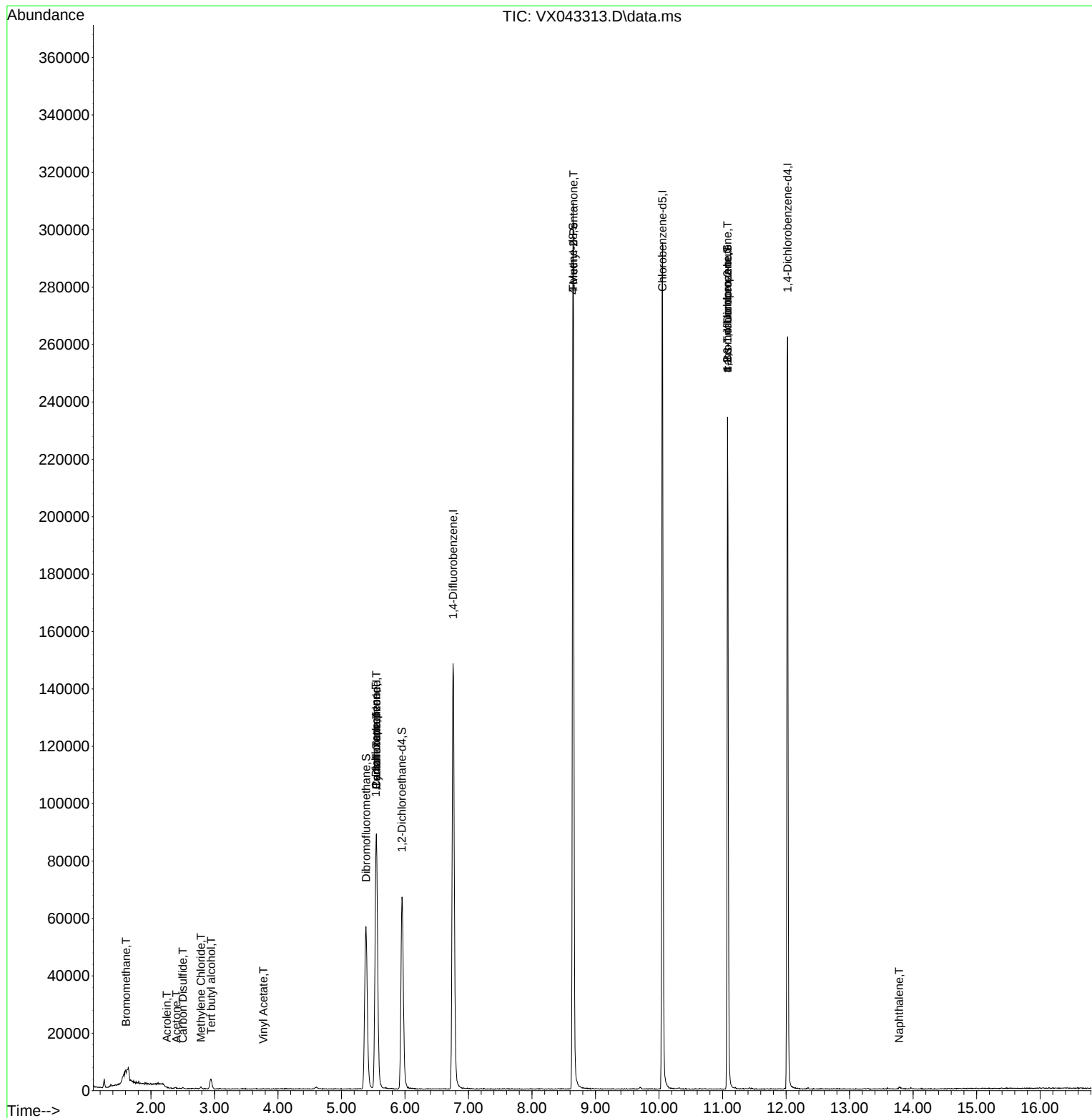
Internal Standards						
1) Pentafluorobenzene	5.550	168	81020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70131	53.002	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.000%			
35) Dibromofluoromethane	5.385	113	50481	48.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.000%			
50) Toluene-d8	8.647	98	182112	49.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.079	95	63741	48.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.280%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	159	0.400	ug/l	87
11) Tert butyl alcohol	2.946	59	2154	8.555	ug/l #	71
13) Acrolein	2.251	56	89	0.374	ug/l #	55
16) Acetone	2.398	43	538	0.974	ug/l #	47
17) Carbon Disulfide	2.501	76	491	0.224	ug/l #	76
20) Methylene Chloride	2.788	84	241	0.237	ug/l #	81
23) Vinyl Acetate	3.769	43	45	6.352	ug/l #	71
31) Cyclohexane	5.550	56	2032	1.423	ug/l #	13
36) 1,1-Dichloropropene	5.543	75	7113	5.354	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9213	5.858	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1096	0.685	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34750	28.693	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	34750	74.361	ug/l #	8
95) Naphthalene	13.780	128	1071	0.272	ug/l #	75

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

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Instrument :
MSVOA_X
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Quant Time: Oct 09 01:32:24 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



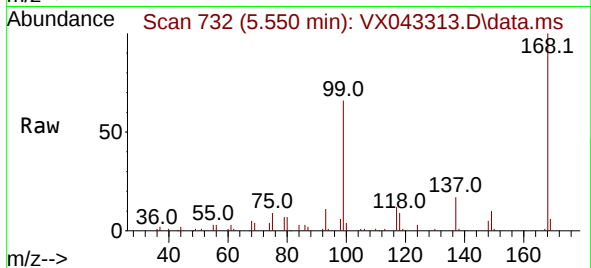


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

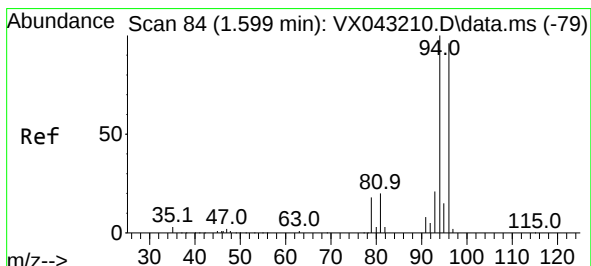
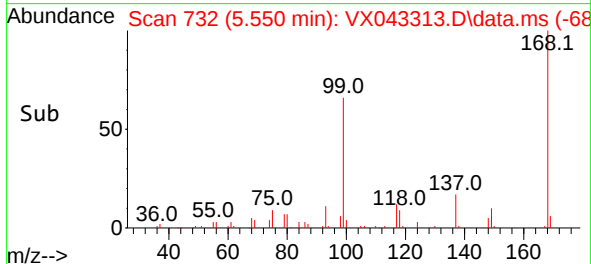
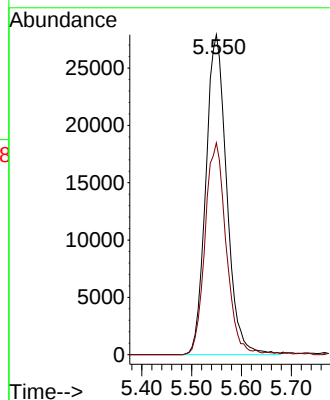
Instrument :

MSVOA_X

ClientSampleId :

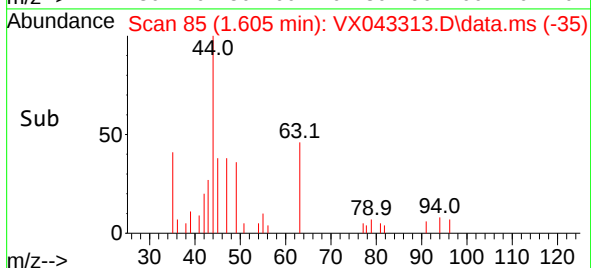
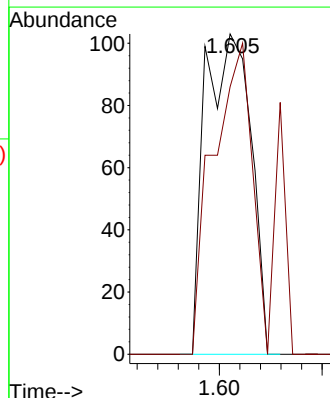
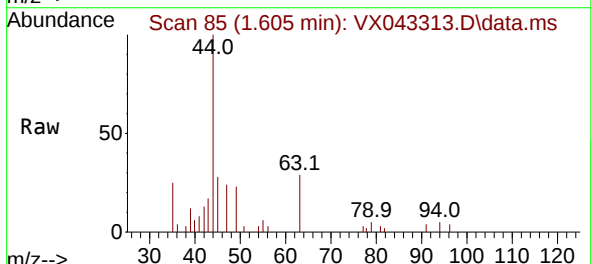


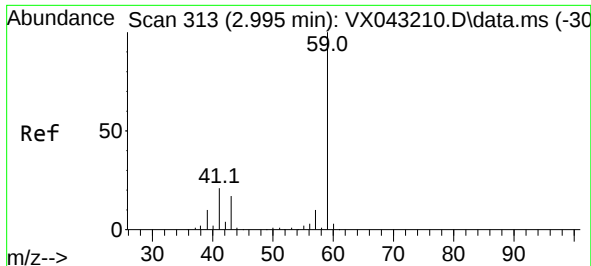
Tgt Ion:168 Resp: 81020
Ion Ratio Lower Upper
168 100
99 66.2 49.7 74.5



#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 83.5 76.6 115.0





#11

Tert butyl alcohol

Concen: 8.555 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX043313.D

Acq: 08 Oct 2024 10:05

Instrument :

MSVOA_X

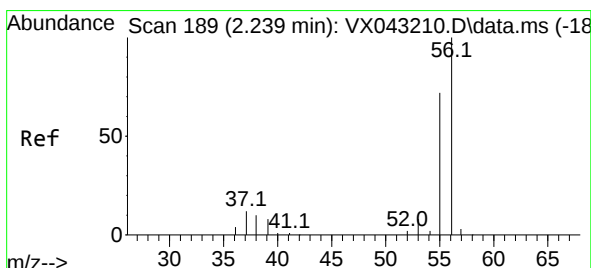
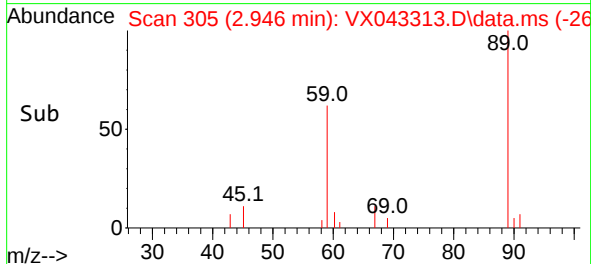
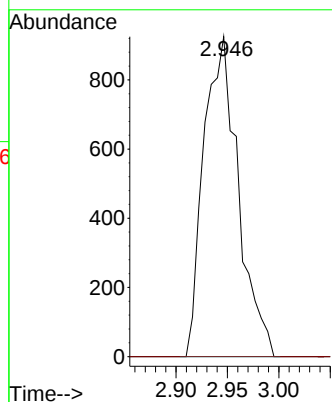
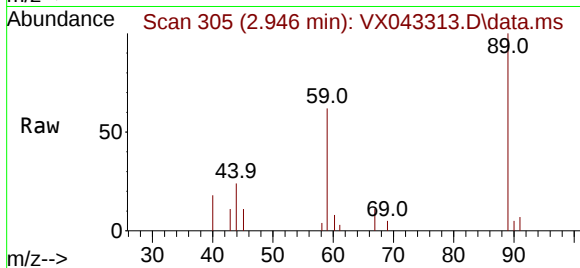
ClientSampleId :

Tgt Ion: 59 Resp: 2154

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 0.374 ug/l

RT: 2.251 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX043313.D

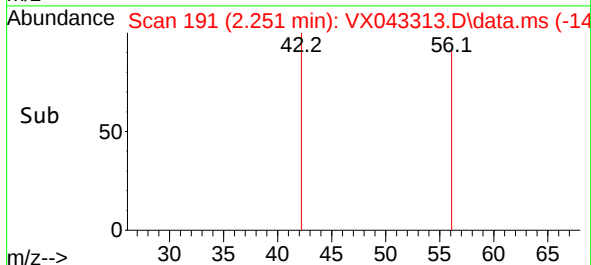
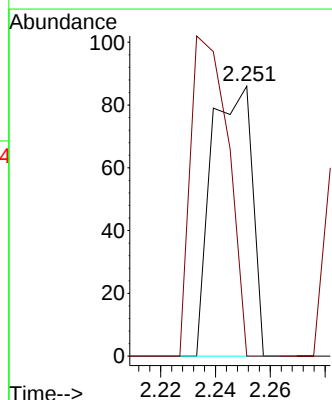
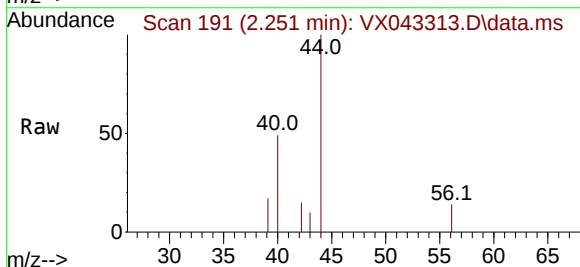
Acq: 08 Oct 2024 10:05

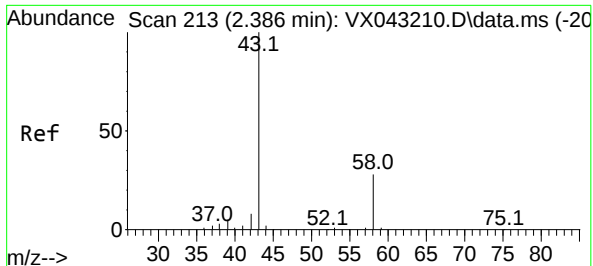
Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

56 100

55 109.0 57.4 86.0#

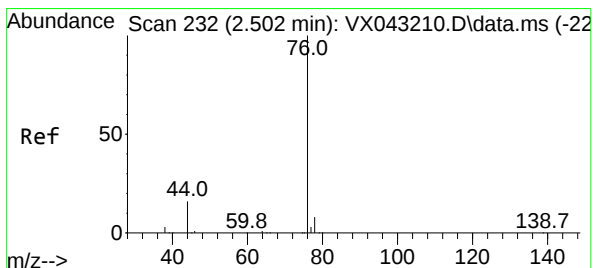
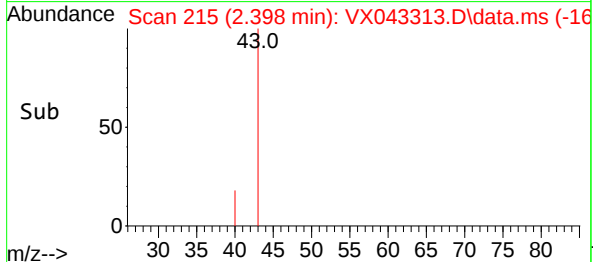
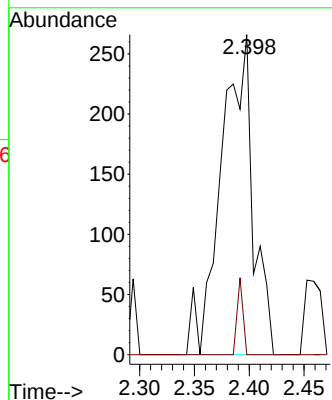
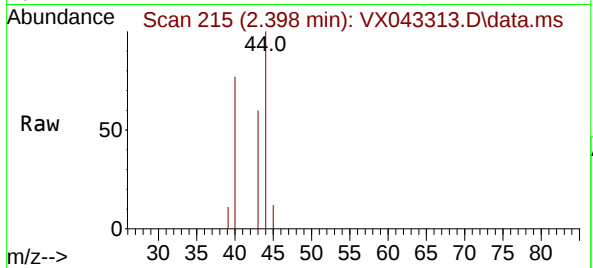




#16
Acetone
Concen: 0.974 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

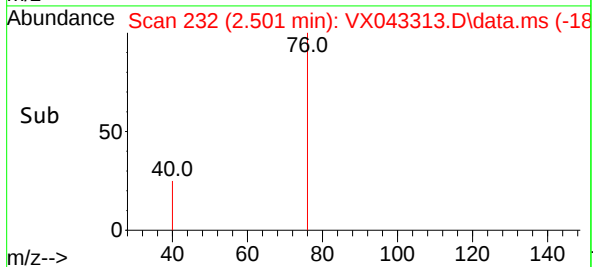
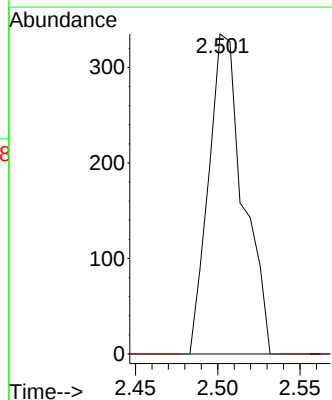
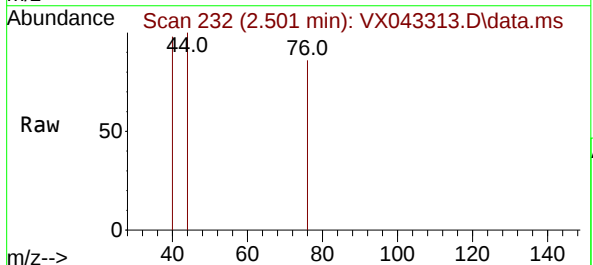
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

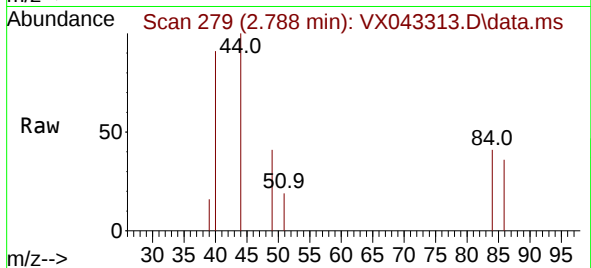
Tgt Ion: 76 Resp: 491
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



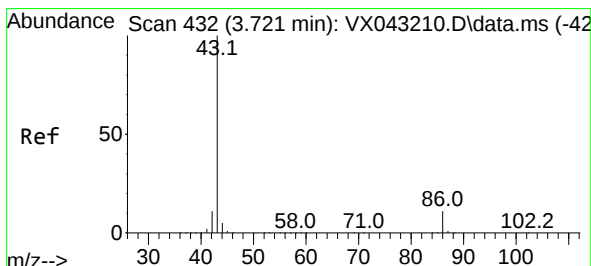
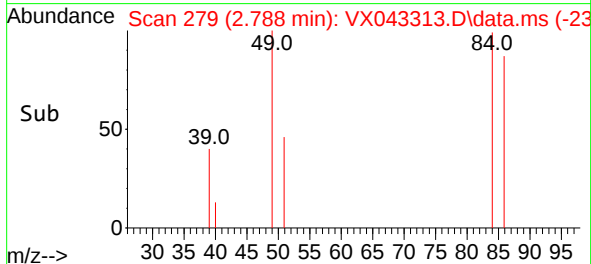
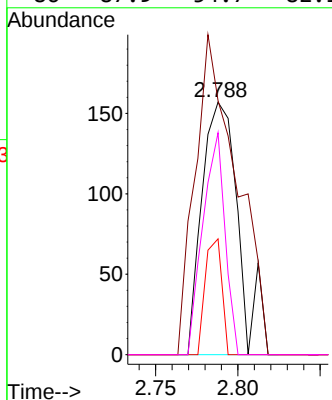


#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

Instrument :
MSVOA_X
ClientSampleId :

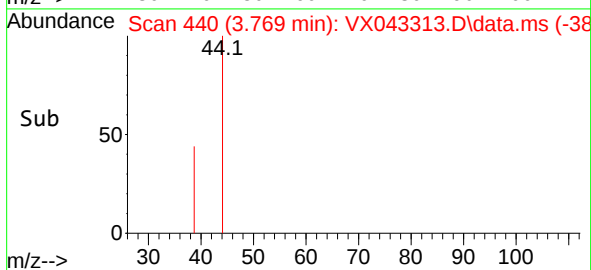
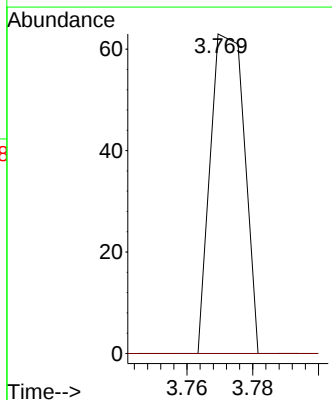
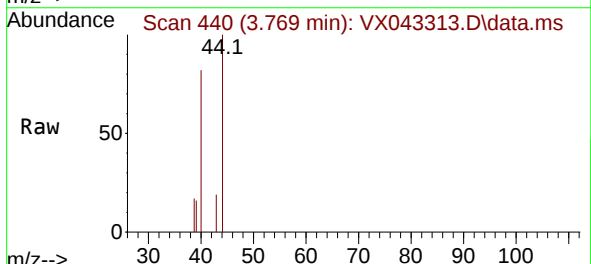


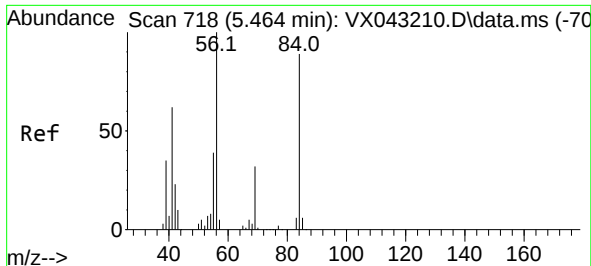
Tgt Ion: 84	Resp: 241
Ion Ratio	Lower Upper
84 100	
49 100.6	96.7 145.1
51 45.9	30.4 45.6#
86 87.9	54.7 82.1#



#23
Vinyl Acetate
Concen: 6.352 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.048 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

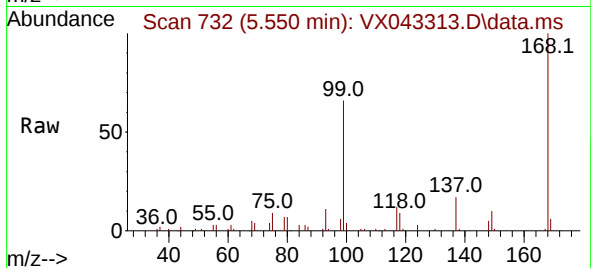
Tgt Ion: 43	Resp: 45		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	



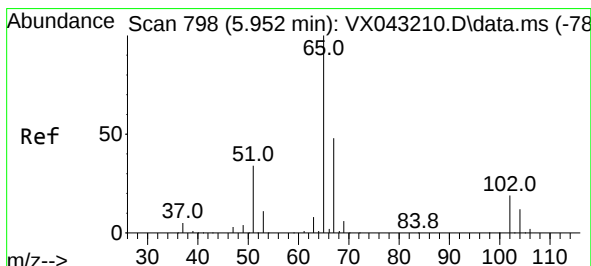
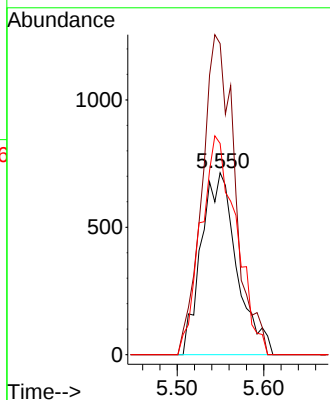
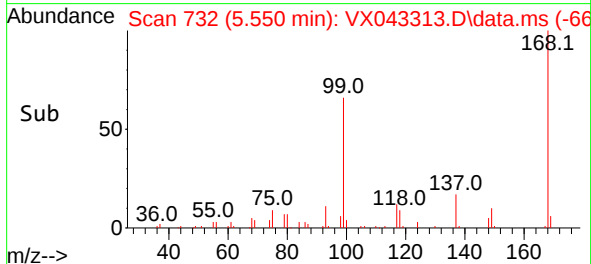


#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

Instrument :
MSVOA_X
ClientSampleId :

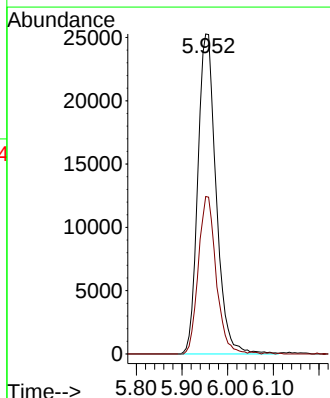
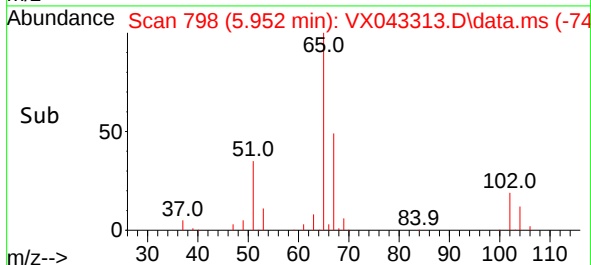
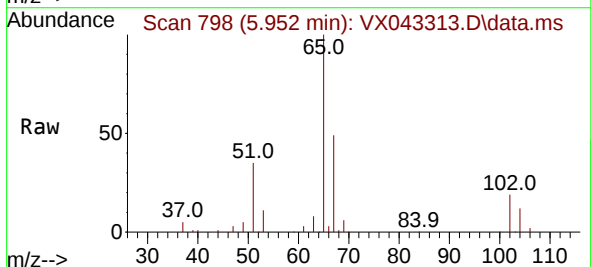


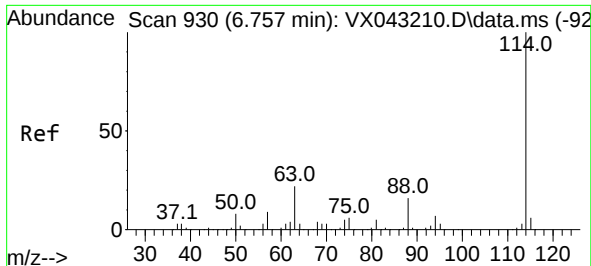
Tgt Ion: 56 Resp: 2032
Ion Ratio Lower Upper
56 100
69 171.0 25.8 38.6#
84 116.1 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.002 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

Tgt Ion: 65 Resp: 70131
Ion Ratio Lower Upper
65 100
67 47.9 0.0 99.0

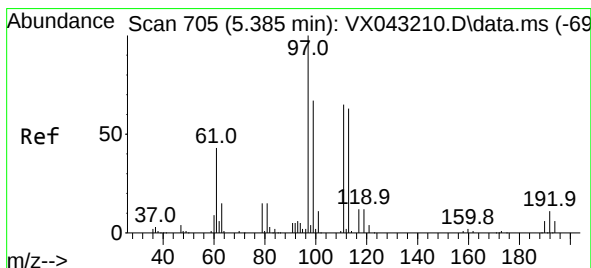
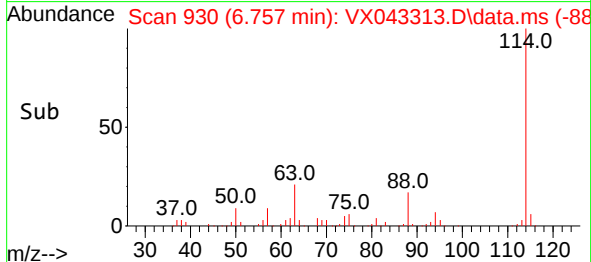
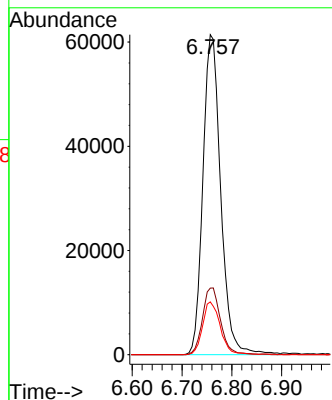
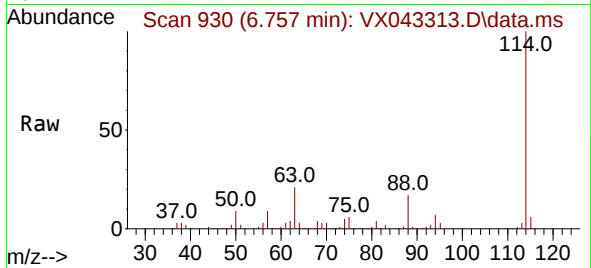




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

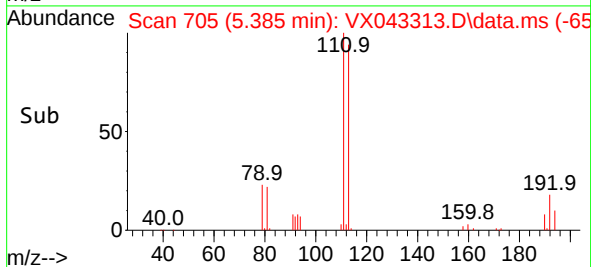
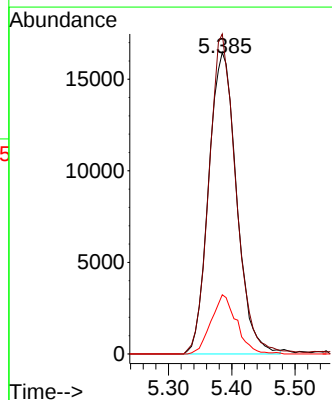
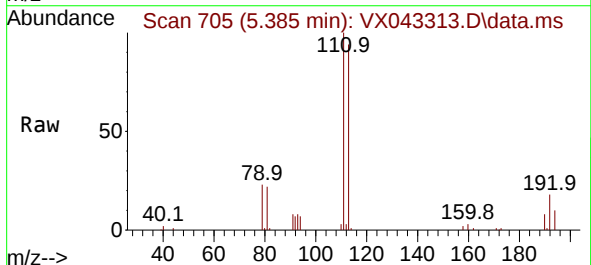
Instrument :
MSVOA_X
ClientSampleId :

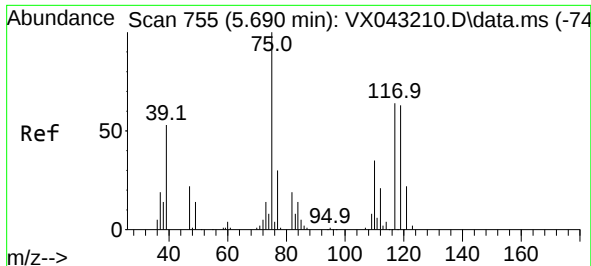
Tgt Ion:114 Resp: 152487
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

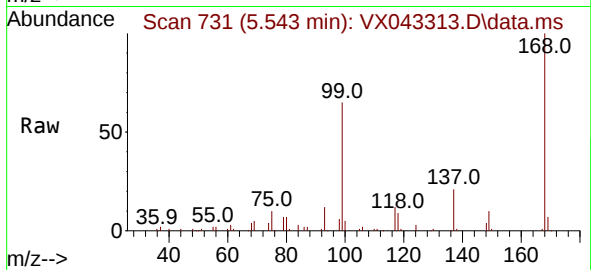
Tgt Ion:113 Resp: 50481
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 18.0 14.1 21.1



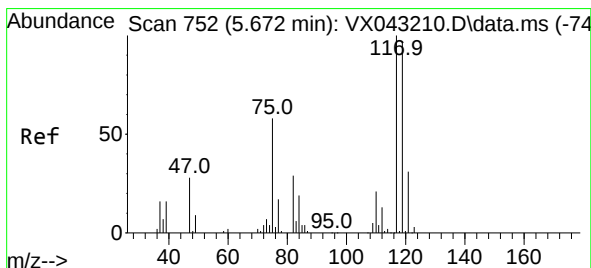
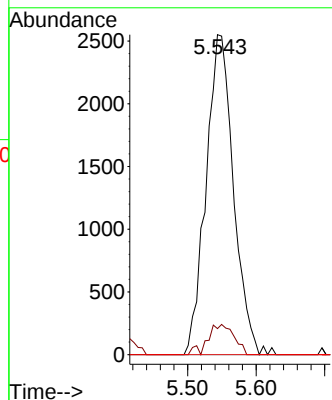
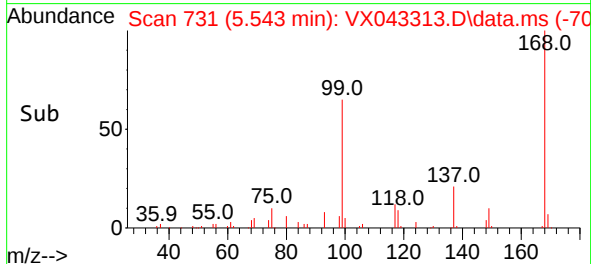


#36
1,1-Dichloropropene
Concen: 5.354 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

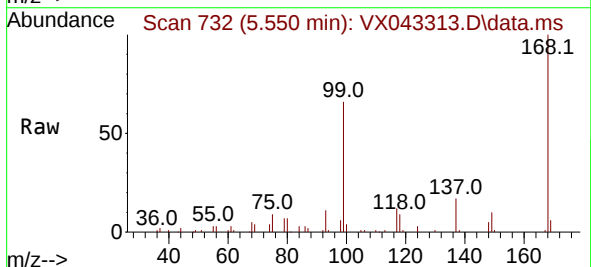
Instrument :
MSVOA_X
ClientSampleId :



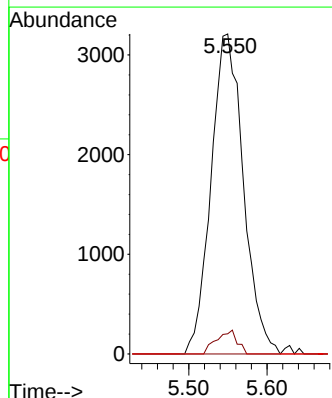
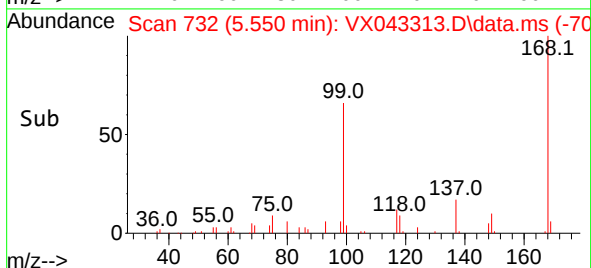
Tgt Ion: 75 Resp: 7113
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 24.9 37.3#

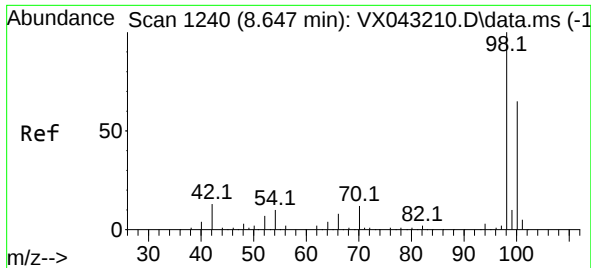


#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05



Tgt Ion: 117 Resp: 9213
Ion Ratio Lower Upper
117 100
119 6.3 77.7 116.5#
121 0.0 24.3 36.5#

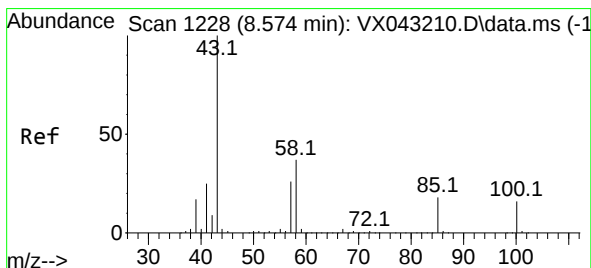
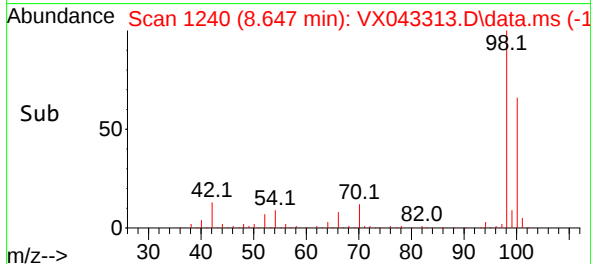
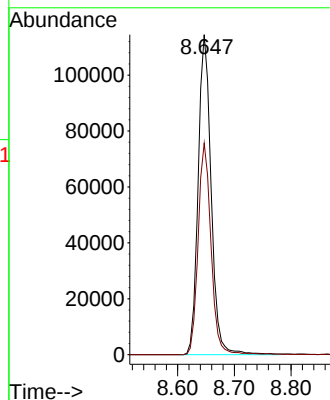
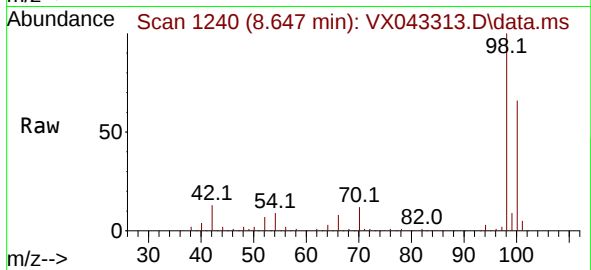




#50
Toluene-d8
Concen: 49.972 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

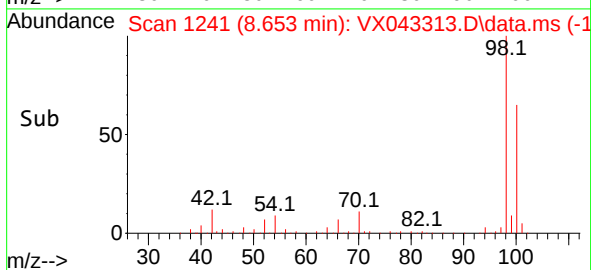
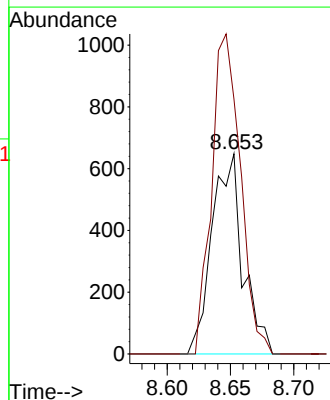
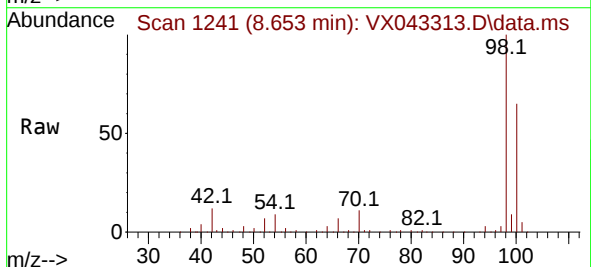
Instrument :
MSVOA_X
ClientSampleId :

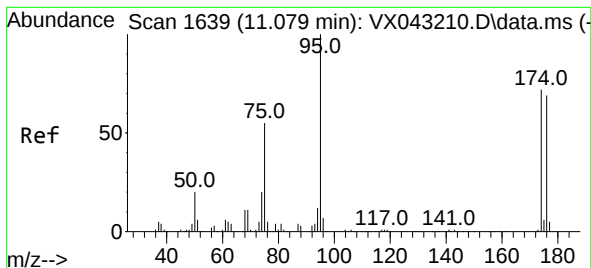
Tgt Ion: 98 Resp: 182112
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 149.6 30.0 45.0#

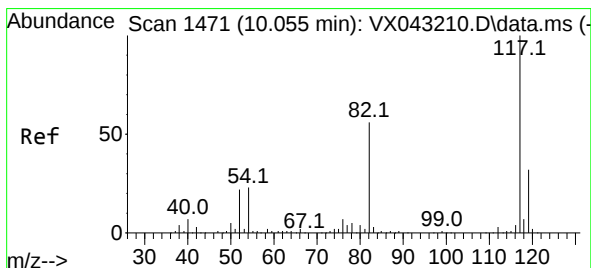
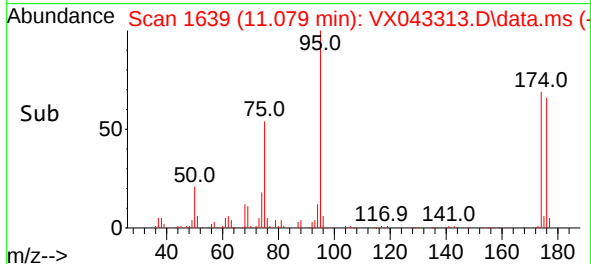
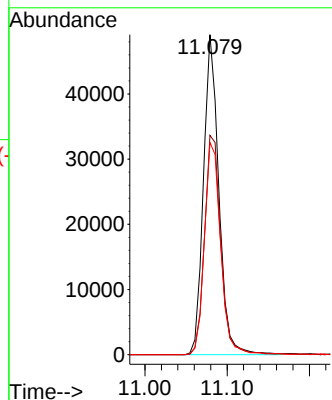
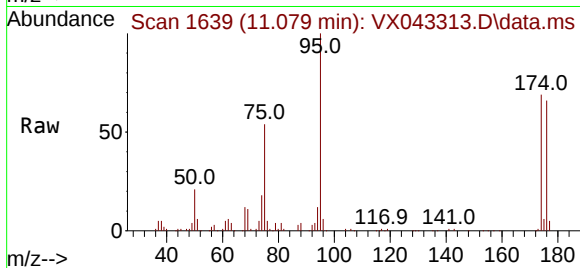




#62
4-Bromofluorobenzene
Concen: 48.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

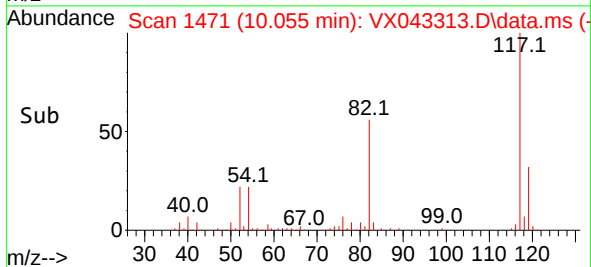
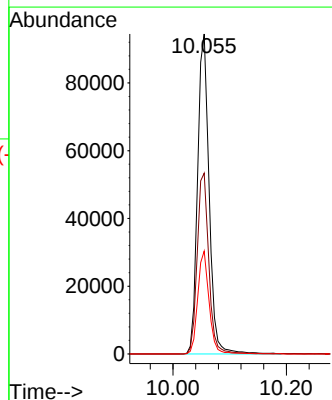
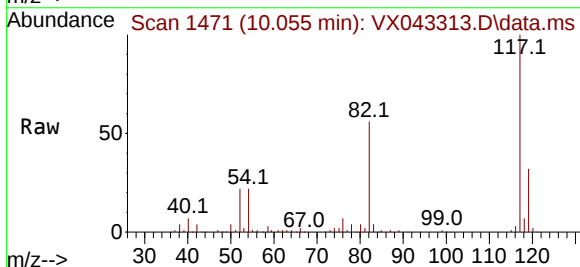
Instrument :
MSVOA_X
ClientSampleId :

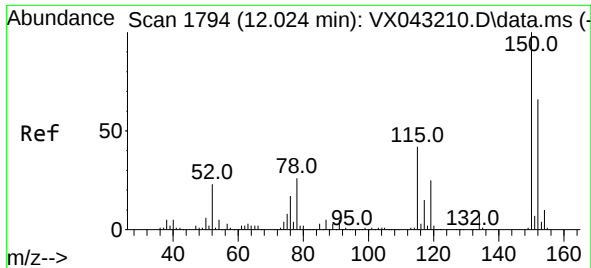
Tgt Ion: 95 Resp: 63741
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.0
176 70.3 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

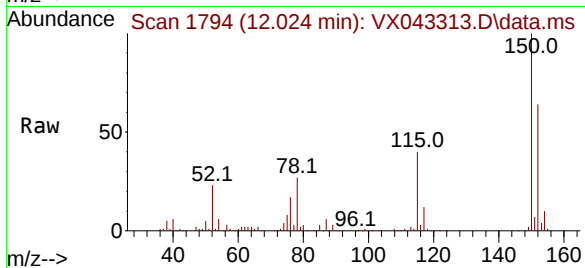
Tgt Ion: 117 Resp: 133164
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.6
119 32.2 25.3 37.9



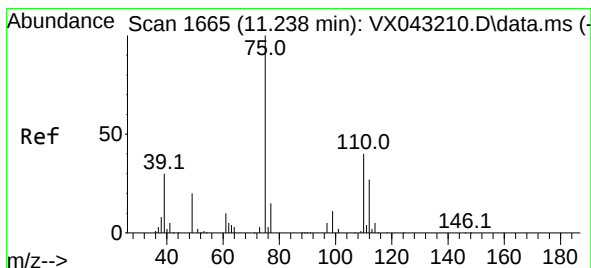
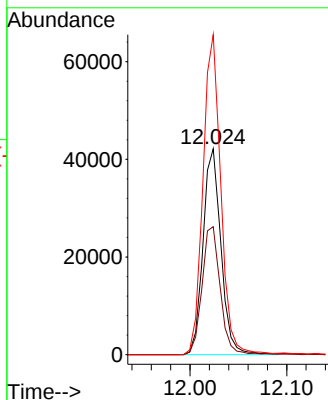
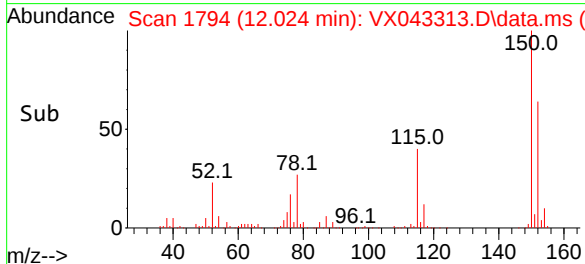


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043313.D
 Acq: 08 Oct 2024 10:05

Instrument :
 MSVOA_X
 ClientSampleId :

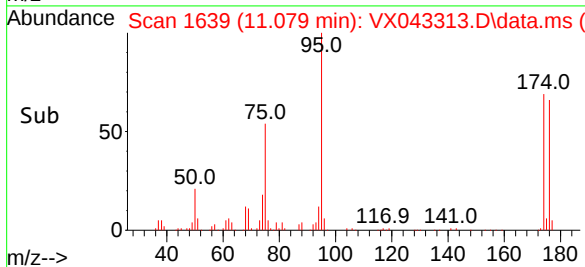
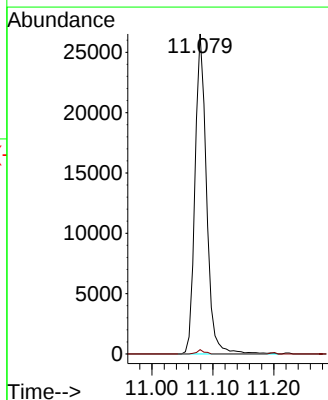
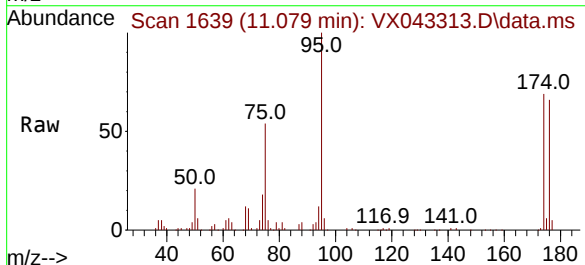


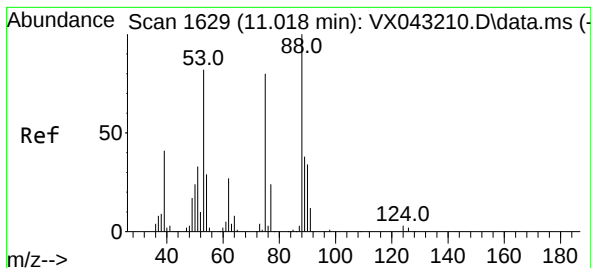
Tgt Ion:152 Resp: 54601
 Ion Ratio Lower Upper
 152 100
 115 63.2 44.1 132.3
 150 154.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 28.693 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043313.D
 Acq: 08 Oct 2024 10:05

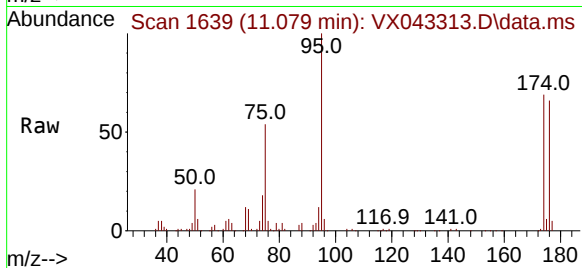
Tgt Ion: 75 Resp: 34750
 Ion Ratio Lower Upper
 75 100
 77 0.9 22.0 66.0#



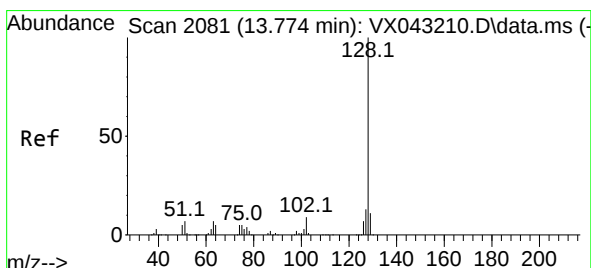
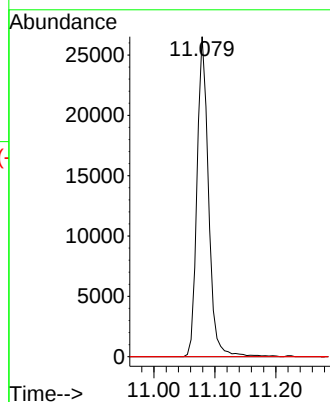
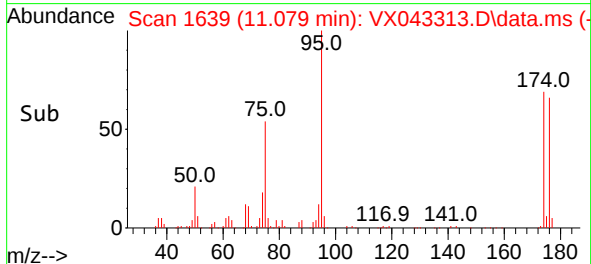


#81
trans-1,4-Dichloro-2-butene
Concen: 74.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05

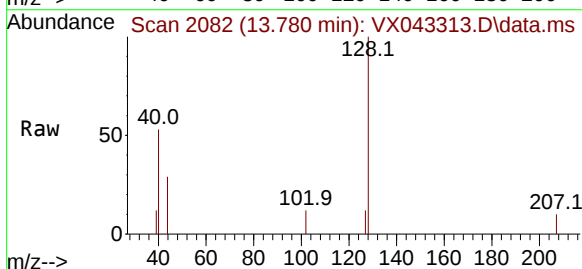
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 34750
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#95
Naphthalene
Concen: 0.272 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043313.D
Acq: 08 Oct 2024 10:05



Tgt Ion: 128 Resp: 1071
Ion Ratio Lower Upper
128 100
127 4.3 10.2 15.2#
129 0.0 8.6 13.0#

