

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043334.D
 Acq On : 09 Oct 2024 13:12
 Operator : JC/MD
 Sample : PB163972ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 01:30:23 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)

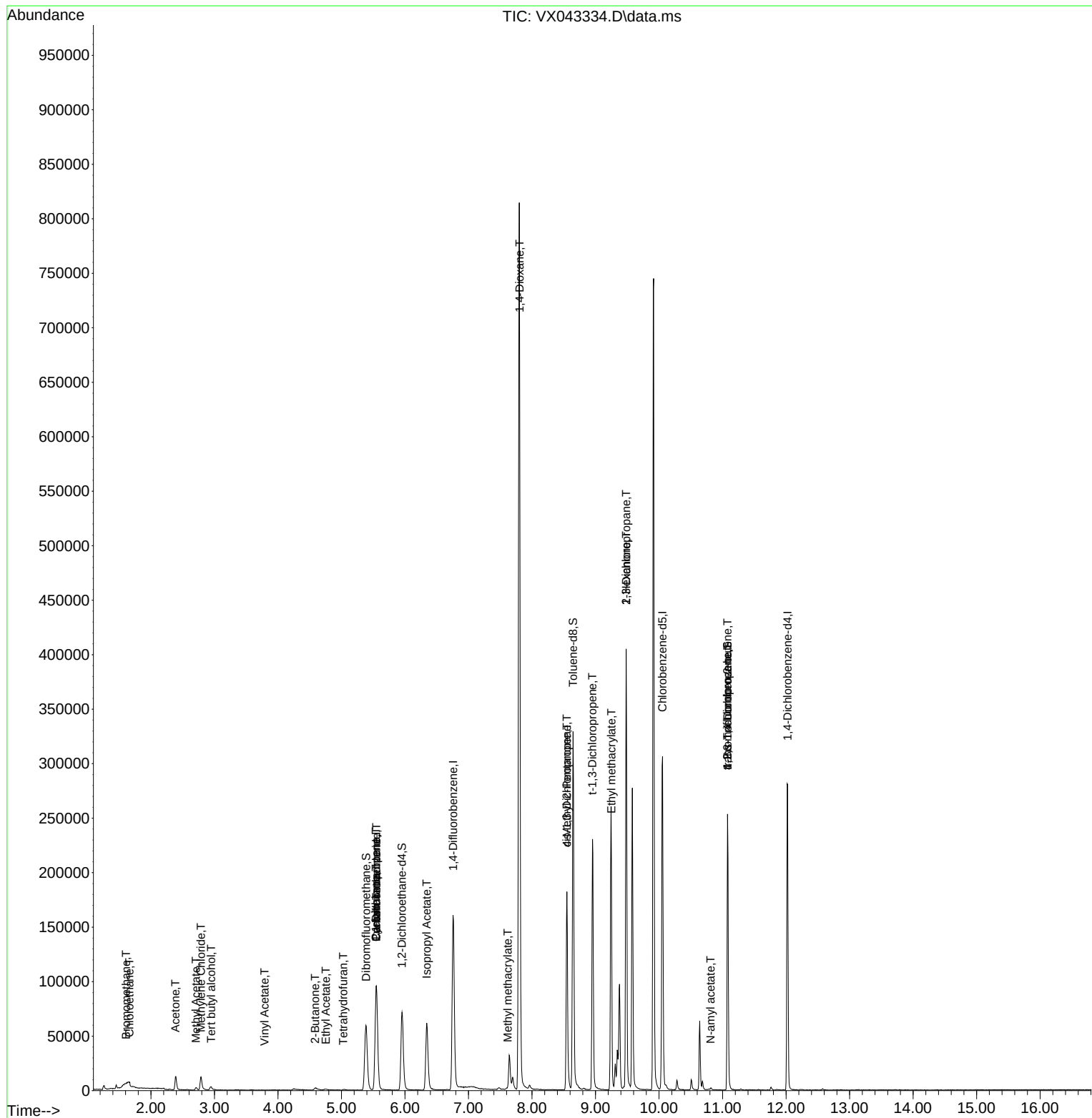
Internal Standards						
1) Pentafluorobenzene	5.550	168	87183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74094	52.038	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	5.385	113	53449	48.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.280%			
50) Toluene-d8	8.647	98	191261	49.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	67140	48.032	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.060%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	203	0.475	ug/l #	55
6) Chloroethane	1.660	64	174	0.447	ug/l #	42
11) Tert butyl alcohol	2.947	59	2400	8.858	ug/l #	71
16) Acetone	2.386	43	15105	25.403	ug/l	95
18) Methyl Acetate	2.709	43	3154	2.114	ug/l	97
20) Methylene Chloride	2.788	84	6351	5.793	ug/l	95
23) Vinyl Acetate	3.788	43	22	6.345	ug/l #	71
25) 2-Butanone	4.587	43	4396	5.392	ug/l	96
29) Tetrahydrofuran	5.025	42	309	0.595	ug/l #	31
31) Cyclohexane	5.544	56	2081	1.354	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	7699	5.489	ug/l #	49
37) Ethyl Acetate	4.751	43	1888	1.121	ug/l #	73
38) Carbon Tetrachloride	5.550	117	9911	5.969	ug/l #	14
43) Isopropyl Acetate	6.342	43	86259	31.005	ug/l	99
48) Methyl methacrylate	7.616	41	2494	1.827	ug/l #	13
49) 1,4-Dioxane	7.805	88	51	1.922	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	66562	39.392	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	473	0.290	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28684	16.370	ug/l #	59
56) Ethyl methacrylate	9.250	69	552	0.319	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3417	1.894	ug/l #	43
59) 2-Hexanone	9.482	43	52391	41.001	ug/l #	53
74) N-amyl acetate	10.811	43	688	0.316	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	36830	28.149	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36830	72.952	ug/l #	8

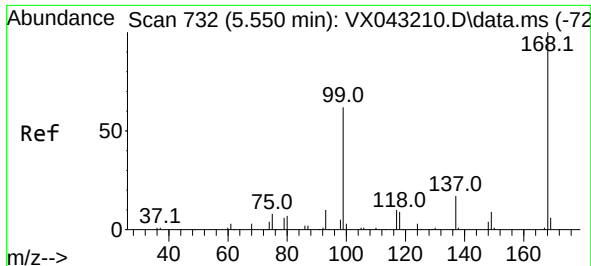
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
Data File : VX043334.D
Acq On : 09 Oct 2024 13:12
Operator : JC/MD
Sample : PB163972ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

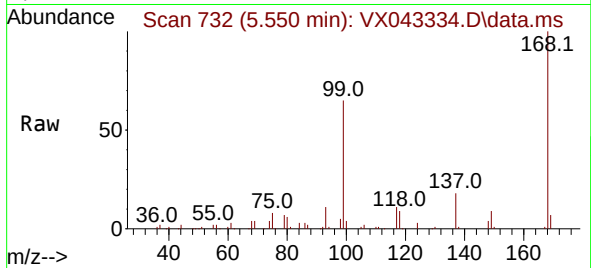
Quant Time: Oct 10 01:30:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



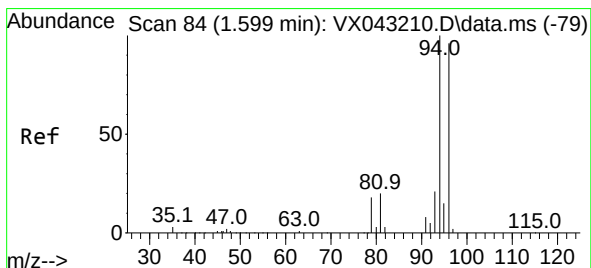
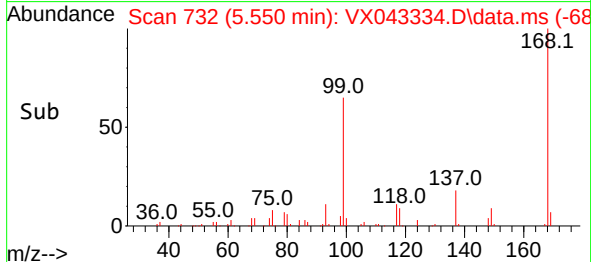
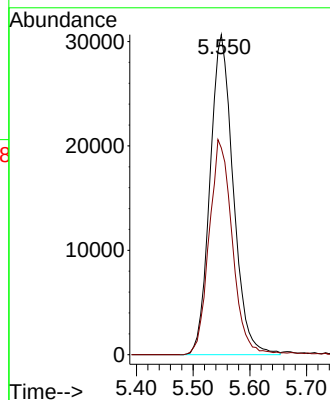


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

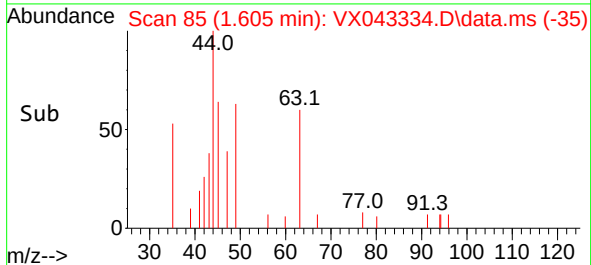
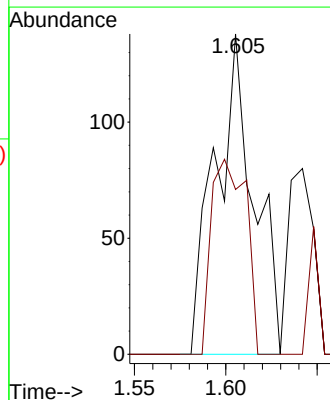
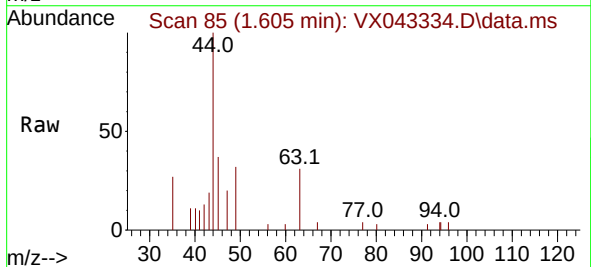


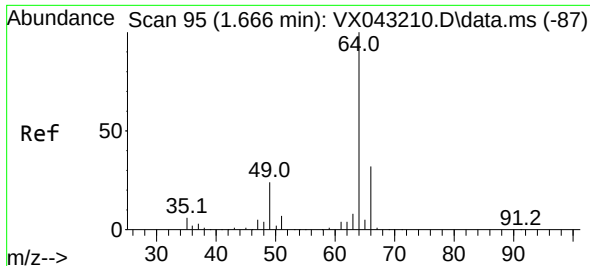
Tgt Ion:168 Resp: 87183
Ion Ratio Lower Upper
168 100
99 64.6 49.7 74.5



#5
Bromomethane
Concen: 0.475 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 51.4 76.6 115.0#

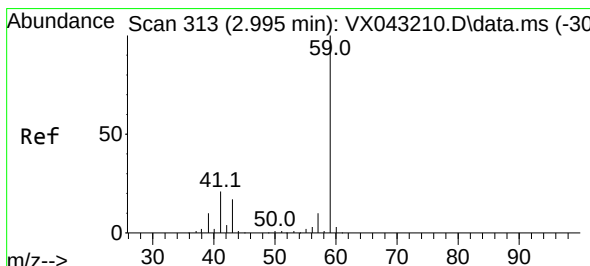
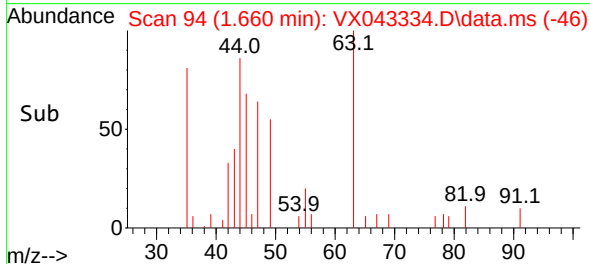
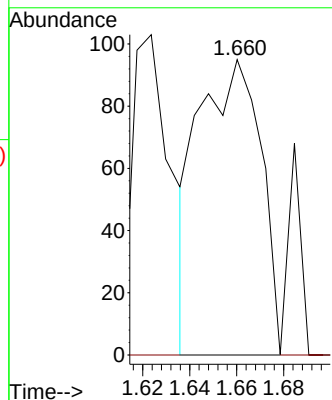
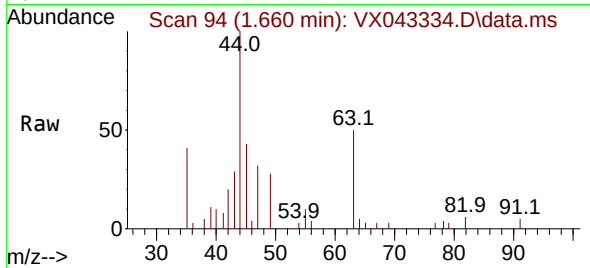




#6
Chloroethane
Concen: 0.447 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

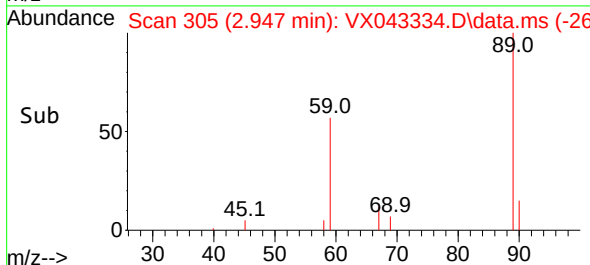
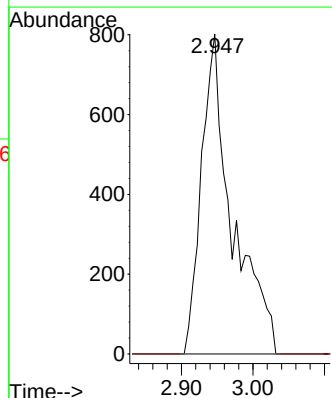
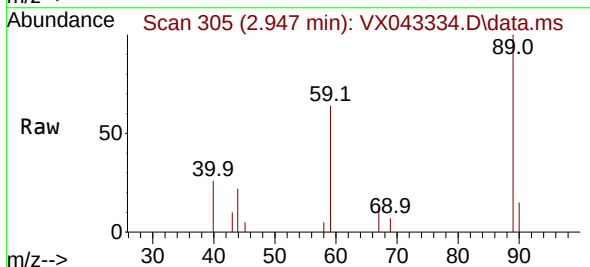
Instrument :
MSVOA_X
ClientSampleId :

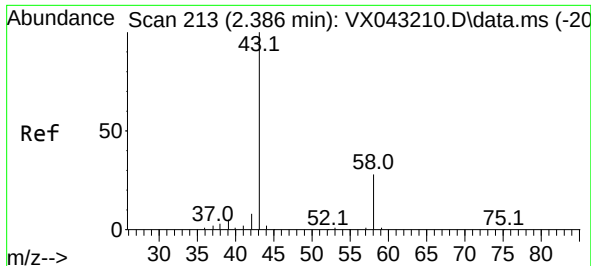
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 8.858 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 59 Resp: 2400
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

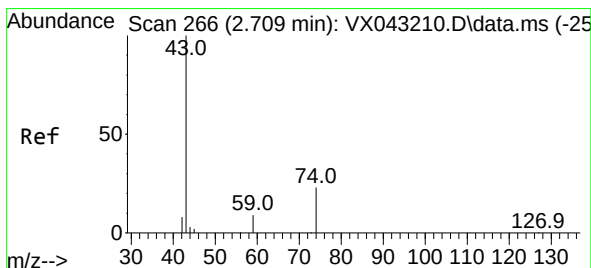
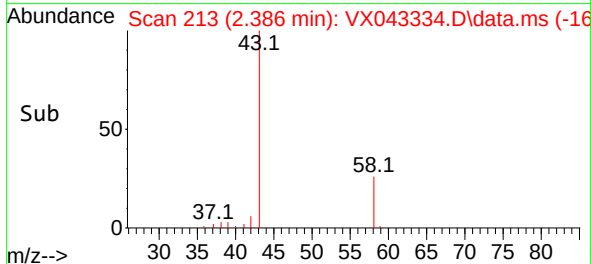
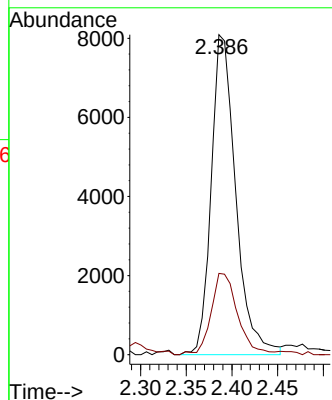
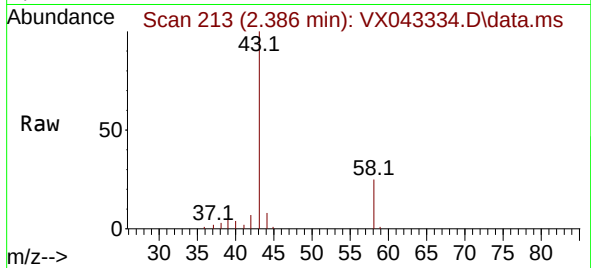




#16
Acetone
Concen: 25.403 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

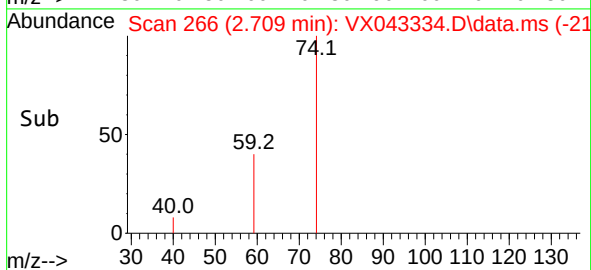
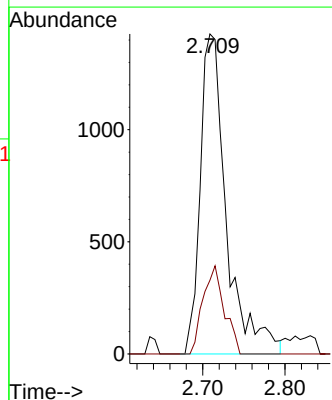
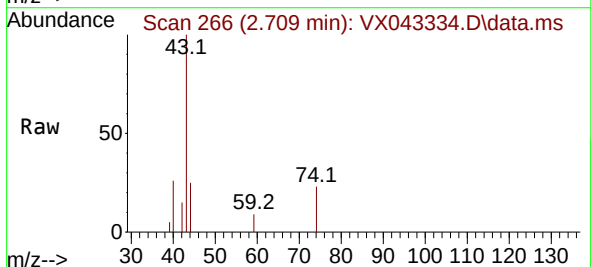
Instrument :
MSVOA_X
ClientSampleId :

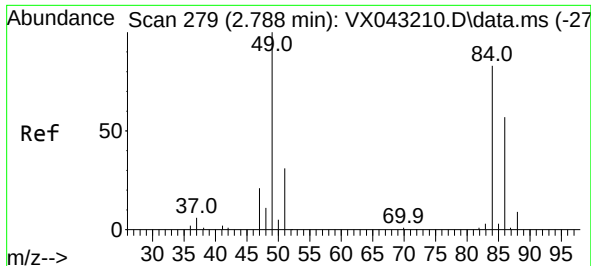
Tgt Ion: 43 Resp: 15105
Ion Ratio Lower Upper
43 100
58 25.4 22.6 33.8



#18
Methyl Acetate
Concen: 2.114 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 43 Resp: 3154
Ion Ratio Lower Upper
43 100
74 22.5 19.1 28.7

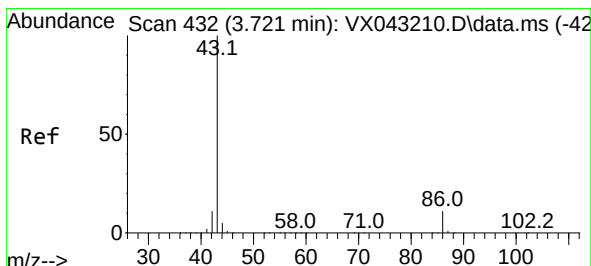
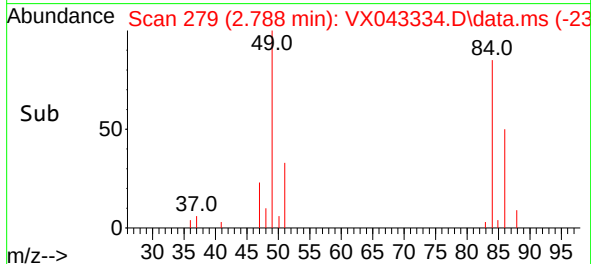
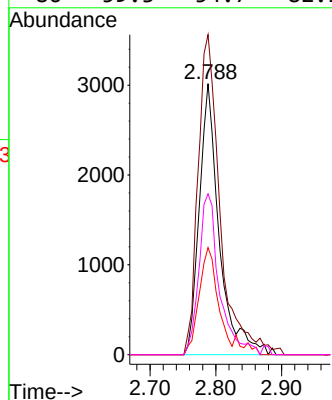
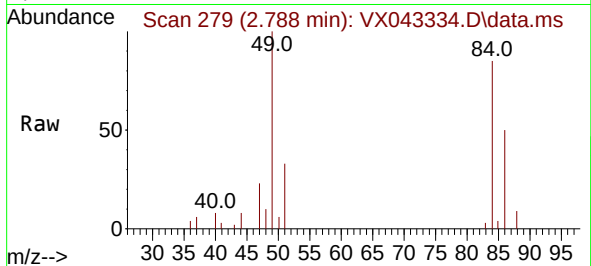




#20
Methylene Chloride
Concen: 5.793 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

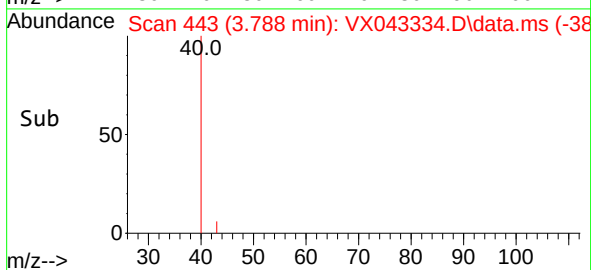
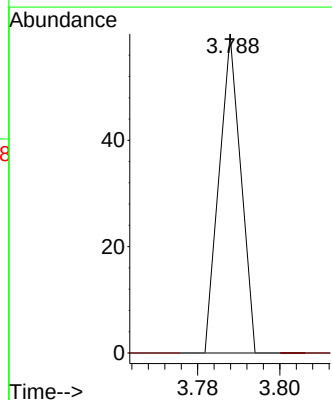
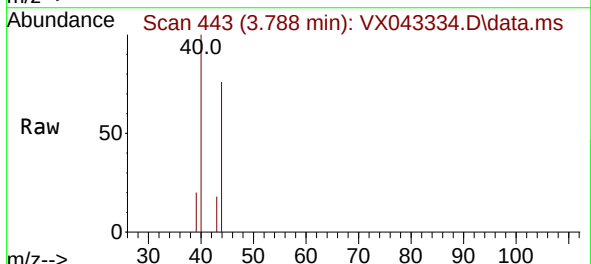
Instrument :
MSVOA_X
ClientSampleId :

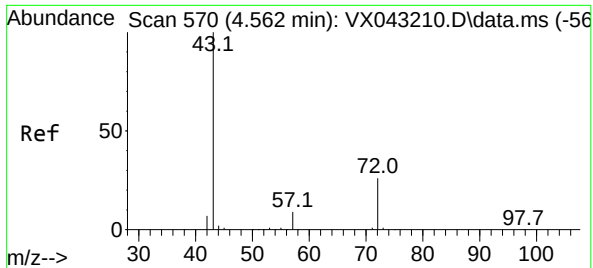
Tgt Ion: 84	Resp: 6351
Ion Ratio	Lower Upper
84 100	
49 118.1	96.7 145.1
51 39.5	30.4 45.6
86 59.3	54.7 82.1



#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.788 min Scan# 443
Delta R.T. 0.067 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 43	Resp: 22		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	

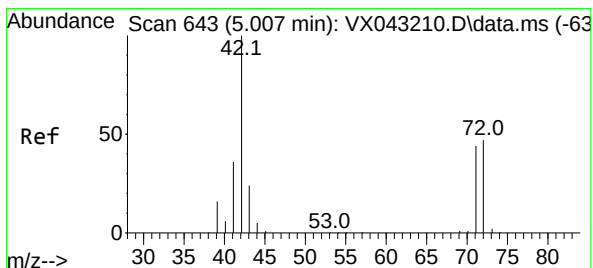
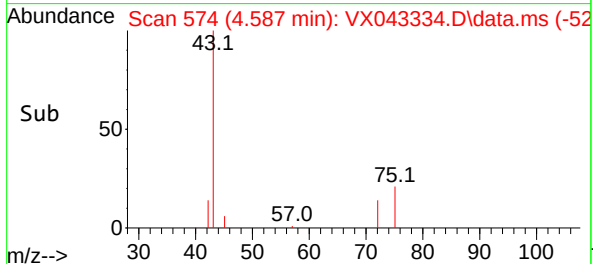
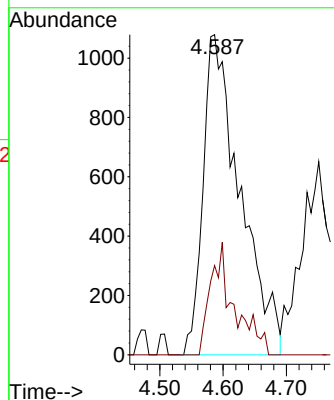
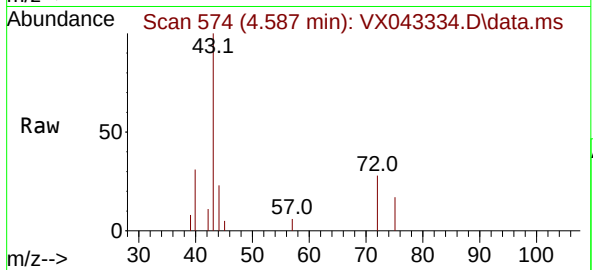




#25
2-Butanone
Concen: 5.392 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

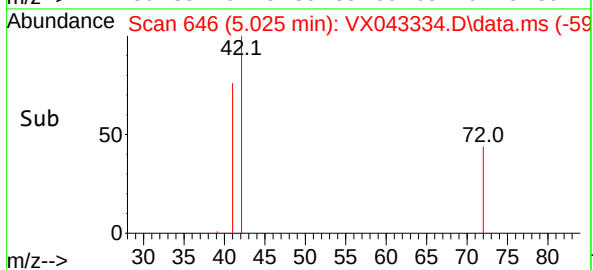
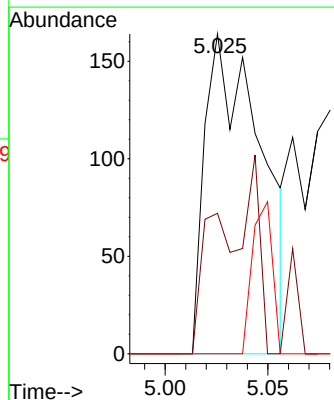
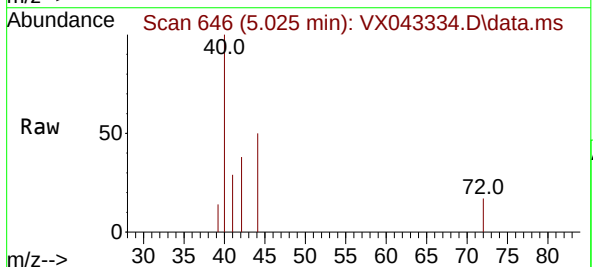
Instrument :
MSVOA_X
ClientSampleId :

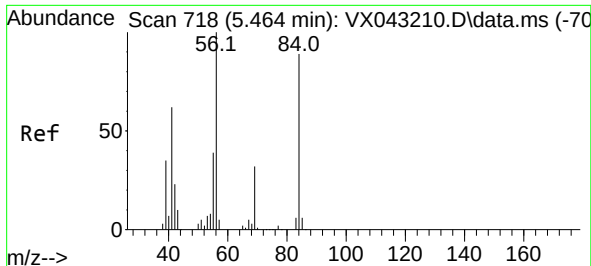
Tgt Ion: 43 Resp: 4396
Ion Ratio Lower Upper
43 100
72 27.9 20.6 31.0



#29
Tetrahydrofuran
Concen: 0.595 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

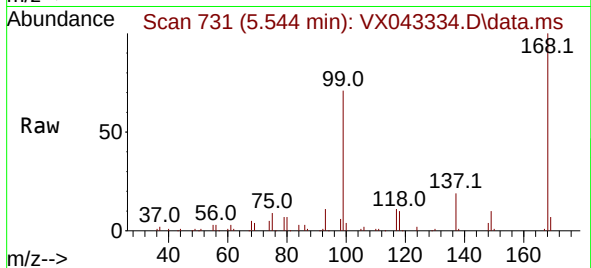
Tgt Ion: 42 Resp: 309
Ion Ratio Lower Upper
42 100
72 0.0 37.7 56.5#
71 0.0 34.6 52.0#



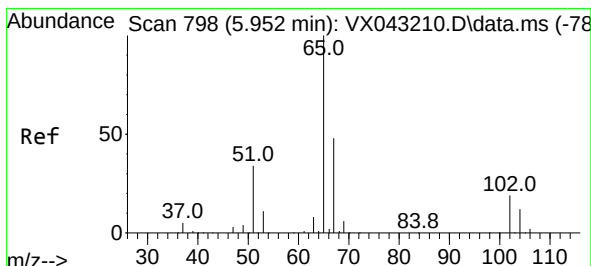
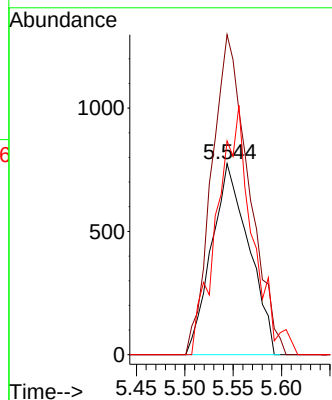
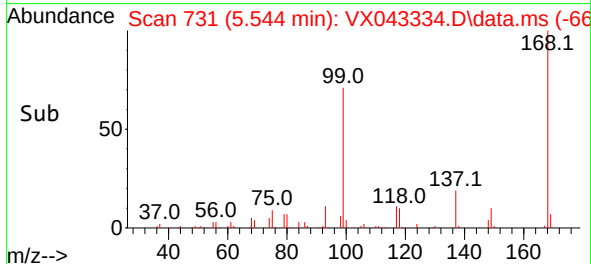


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

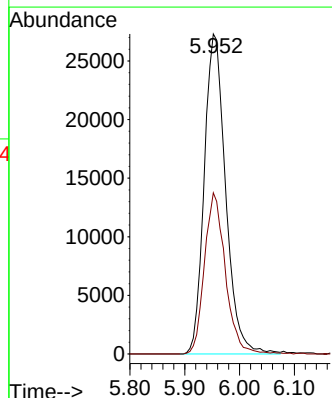
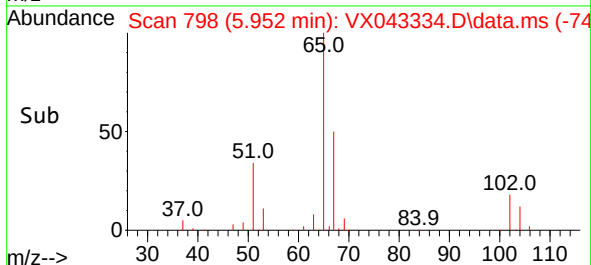
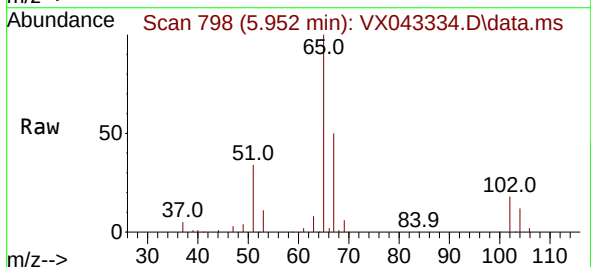


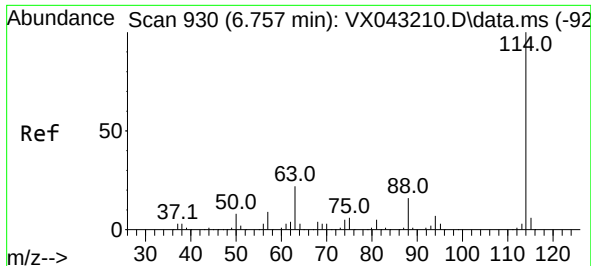
Tgt Ion: 56 Resp: 2081
Ion Ratio Lower Upper
56 100
69 167.5 25.8 38.6#
84 111.9 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 52.038 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

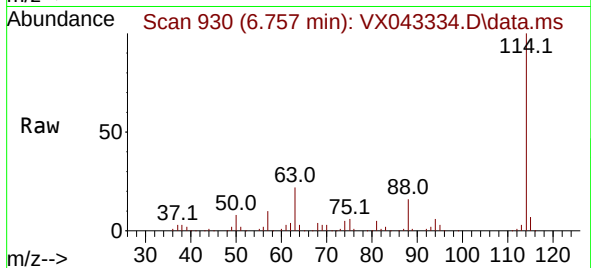
Tgt Ion: 65 Resp: 74094
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0



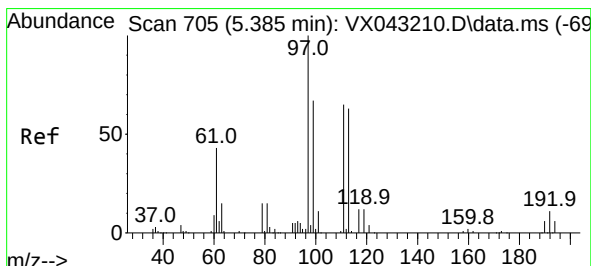
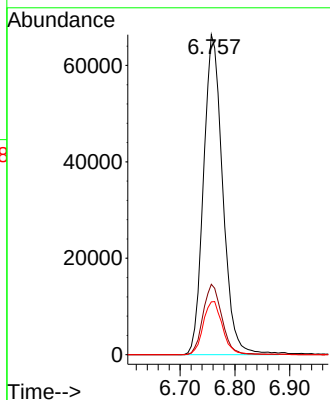
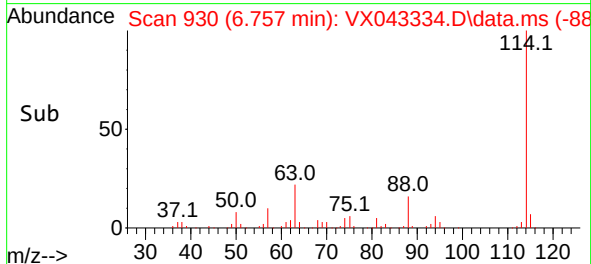


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

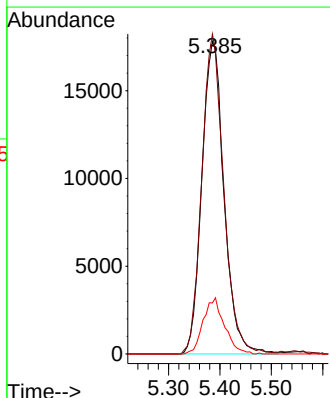
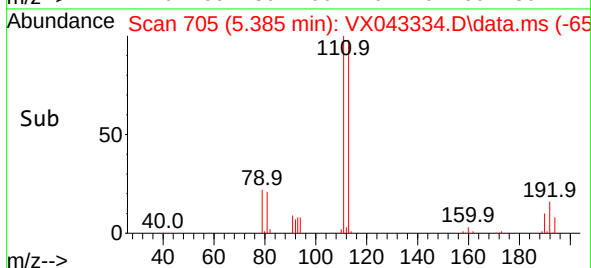
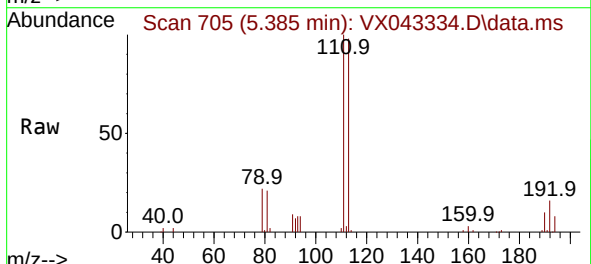


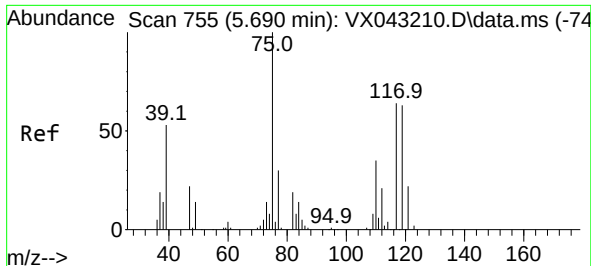
Tgt Ion:114 Resp: 160993
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.0
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.140 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

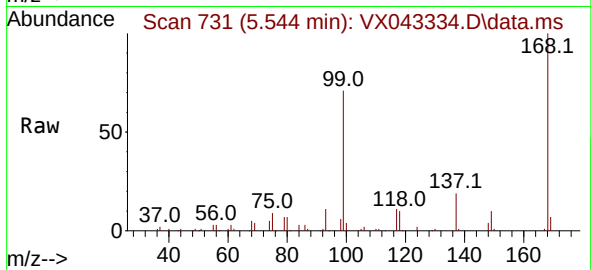
Tgt Ion:113 Resp: 53449
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.0
192 17.1 14.1 21.1



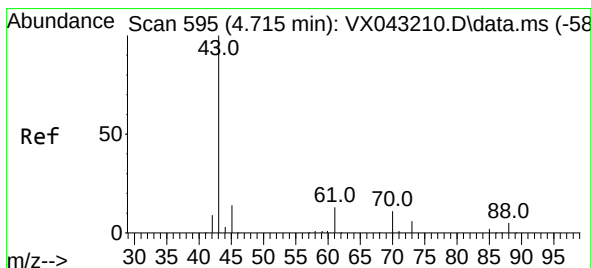
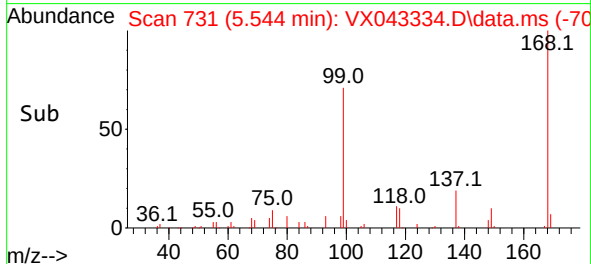
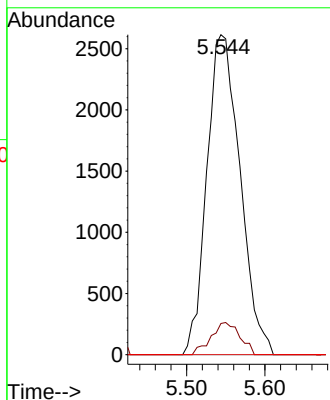


#36
1,1-Dichloropropene
Concen: 5.489 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

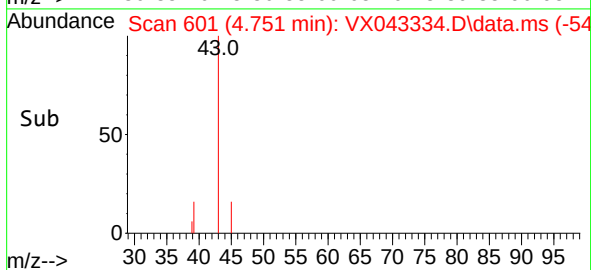
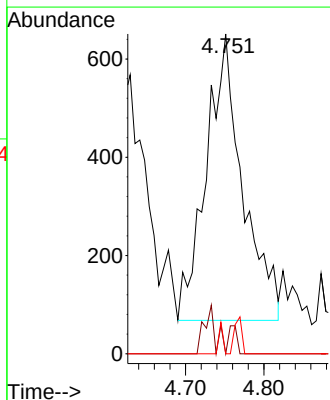
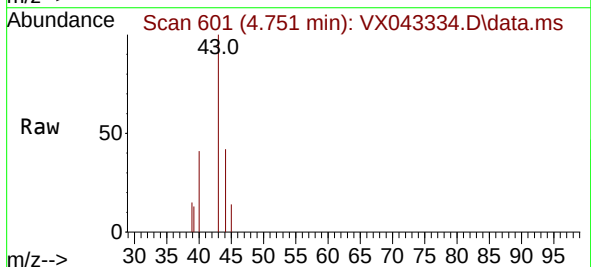


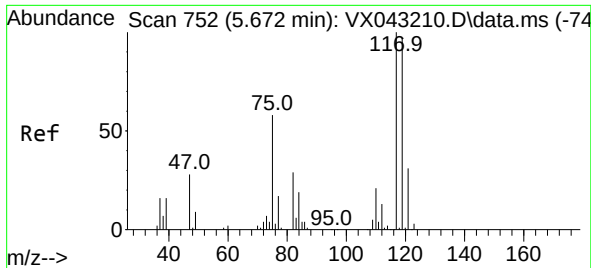
Tgt Ion: 75 Resp: 7699
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.121 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.037 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

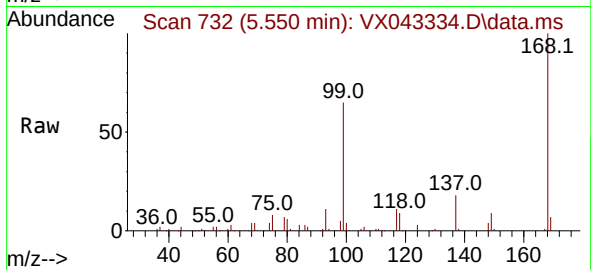
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
61 2.2 11.0 16.4#
70 1.2 8.9 13.3#



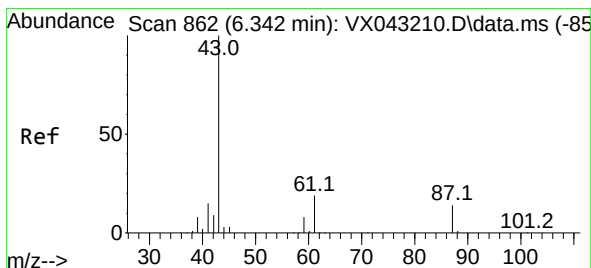
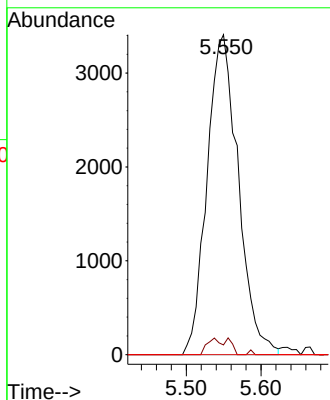
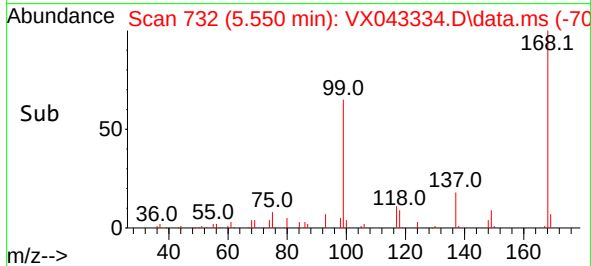


#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 5.550 min Scan# 752
Delta R.T. -0.122 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

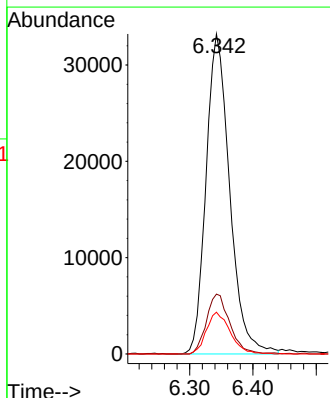
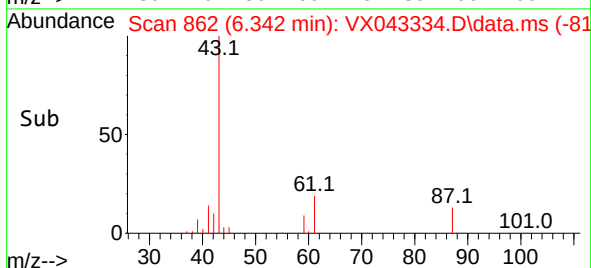
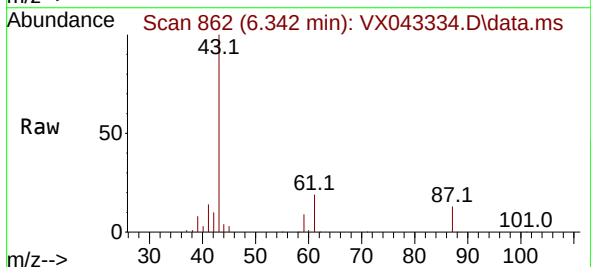


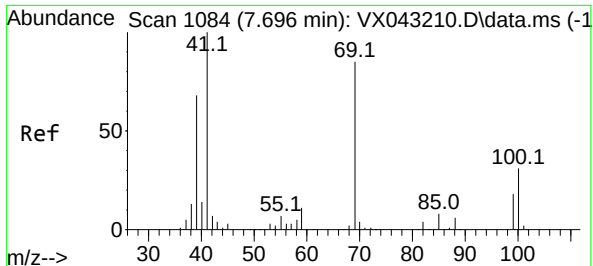
Tgt Ion:117 Resp: 9911
Ion Ratio Lower Upper
117 100
119 3.1 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 31.005 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 43 Resp: 86259
Ion Ratio Lower Upper
43 100
61 18.4 15.1 22.7
87 13.1 10.8 16.2





#48

Methyl methacrylate

Concen: 1.827 ug/l

RT: 7.616 min Scan# 1102

Delta R.T. -0.079 min

Lab File: VX043334.D

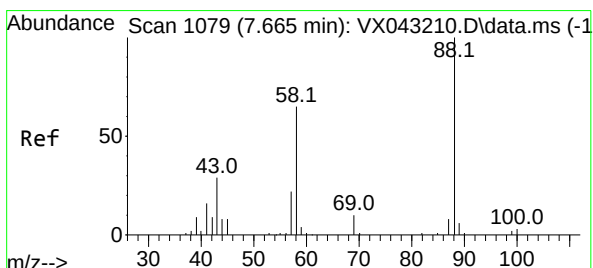
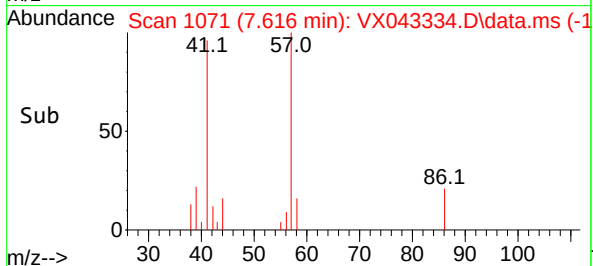
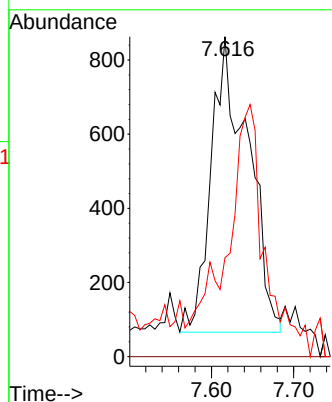
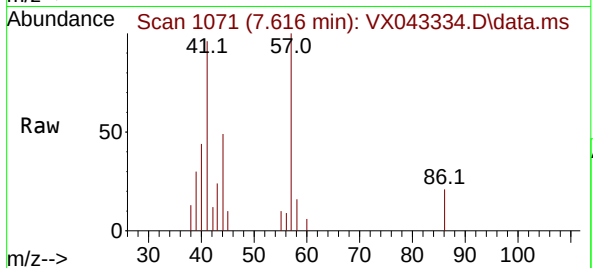
Acq: 09 Oct 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	2494
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.1	96.1#
39	0.0	52.8	79.2#



#49

1,4-Dioxane

Concen: 1.922 ug/l

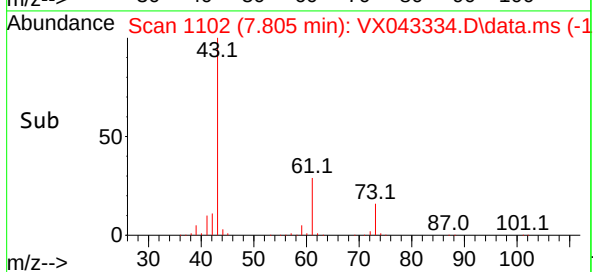
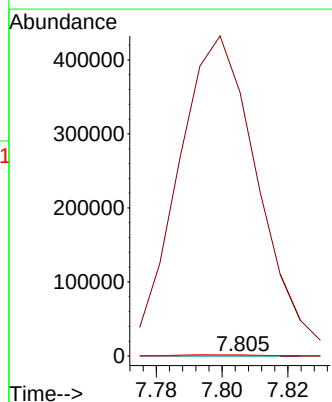
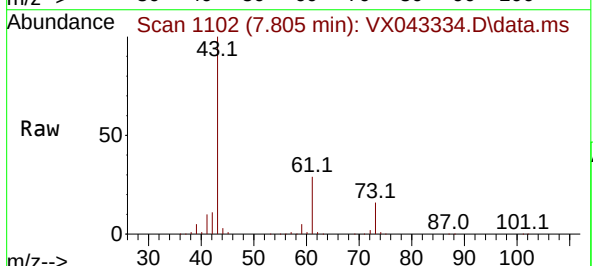
RT: 7.805 min Scan# 1102

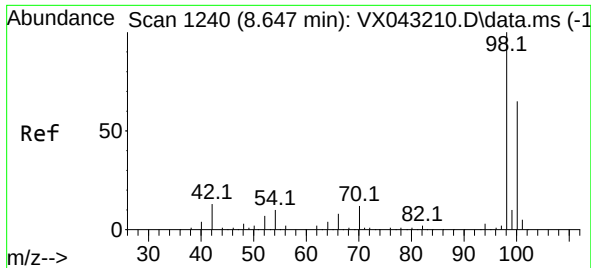
Delta R.T. 0.140 min

Lab File: VX043334.D

Acq: 09 Oct 2024 13:12

Tgt Ion:	88	Resp:	51
Ion	Ratio	Lower	Upper
88	100		
43	1477574.5	29.5	44.3#
58	6017.6	55.2	82.8#

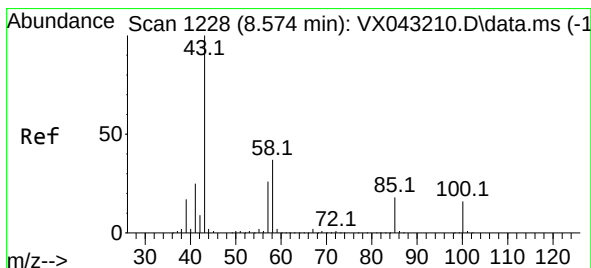
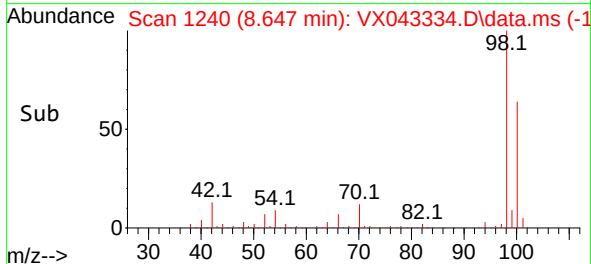
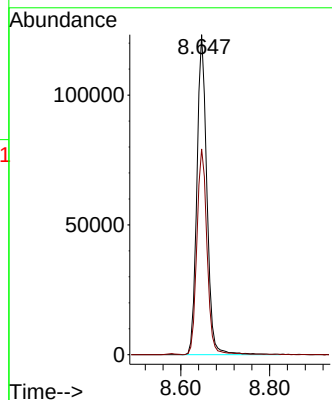
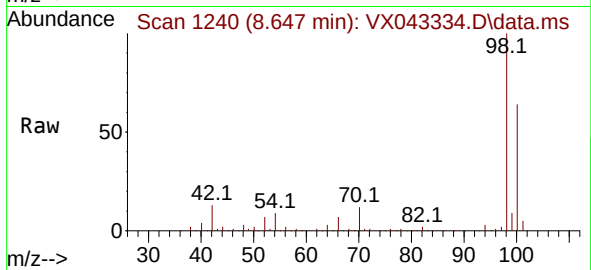




#50
Toluene-d8
Concen: 49.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

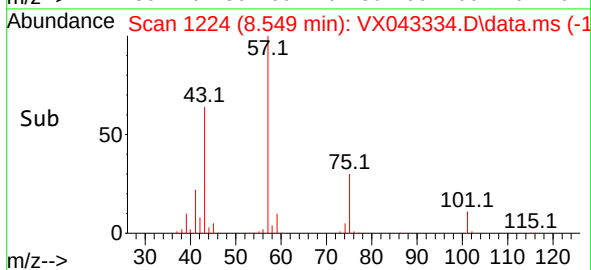
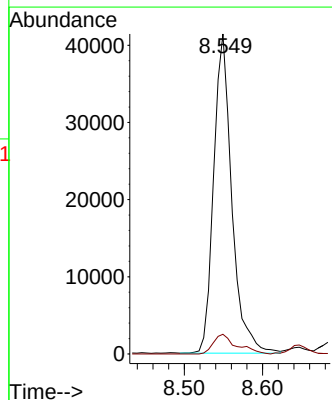
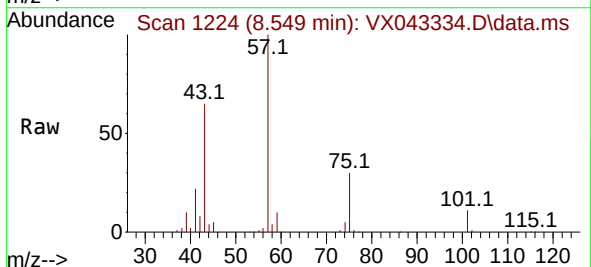
Instrument :
MSVOA_X
ClientSampleId :

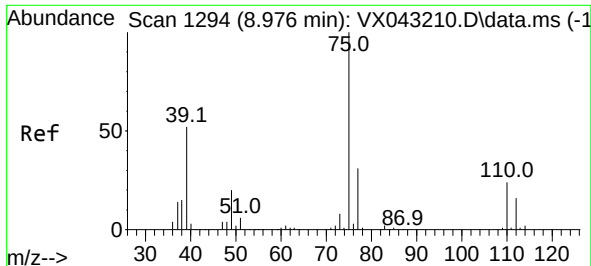
Tgt Ion: 98 Resp: 191261
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 39.392 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 43 Resp: 66562
Ion Ratio Lower Upper
43 100
58 7.9 30.0 45.0#





#53

t-1,3-Dichloropropene

Concen: 0.290 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX043334.D

Acq: 09 Oct 2024 13:12

Instrument :

MSVOA_X

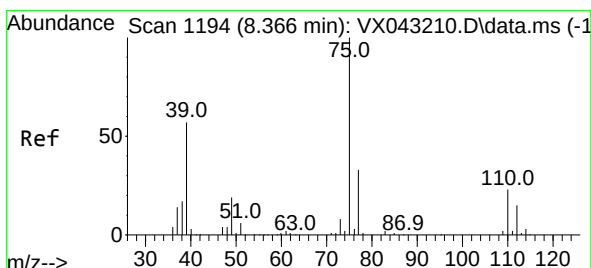
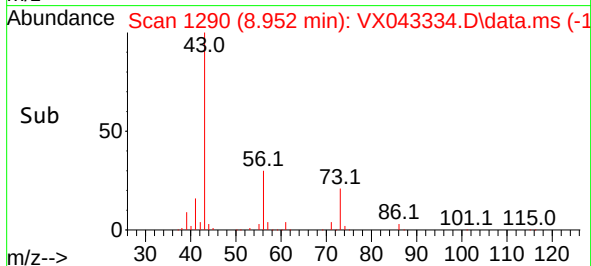
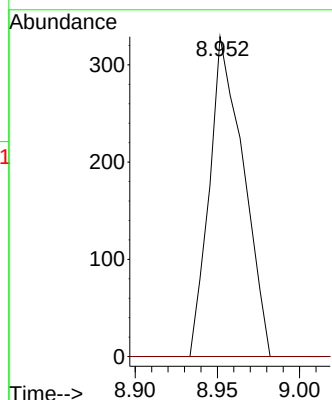
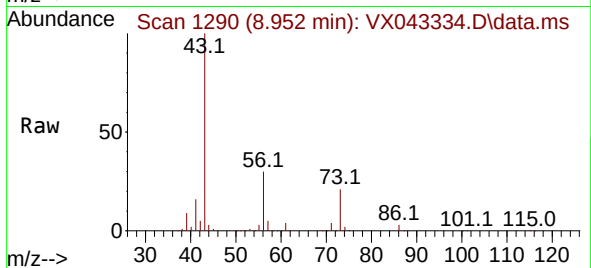
ClientSampleId :

Tgt Ion: 75 Resp: 473

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 16.370 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043334.D

Acq: 09 Oct 2024 13:12

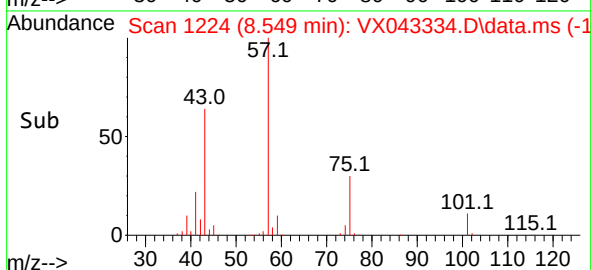
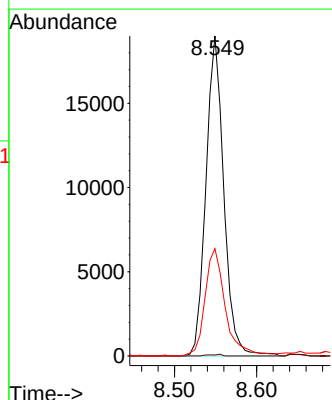
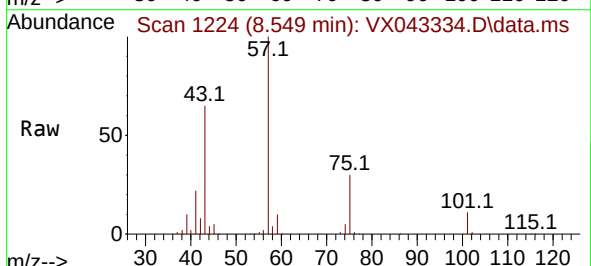
Tgt Ion: 75 Resp: 28684

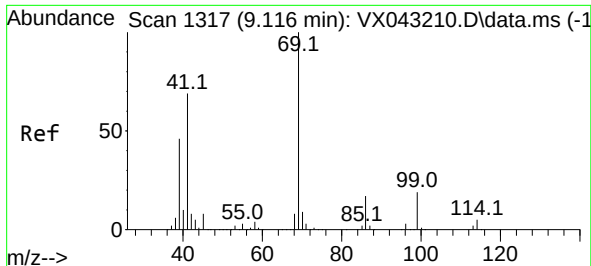
Ion Ratio Lower Upper

75 100

77 0.3 26.0 39.0#

39 33.5 45.8 68.8#

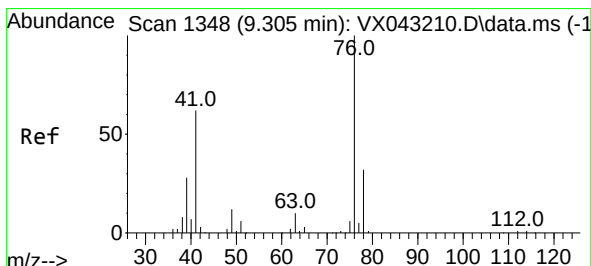
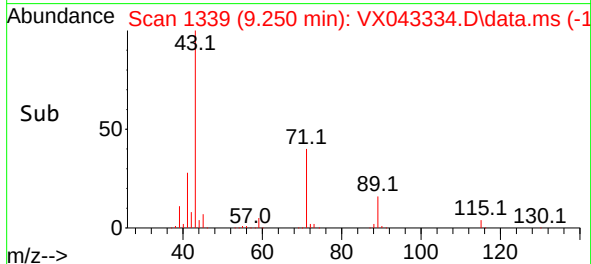
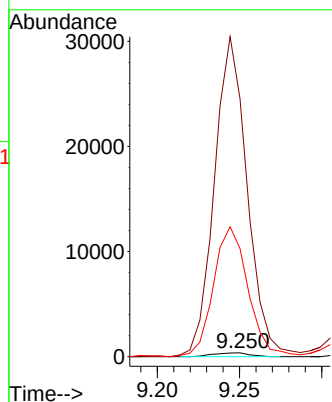
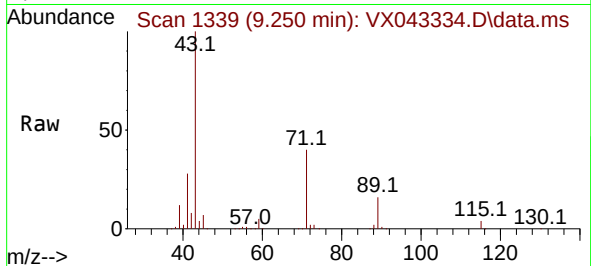




#56
Ethyl methacrylate
Concen: 0.319 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

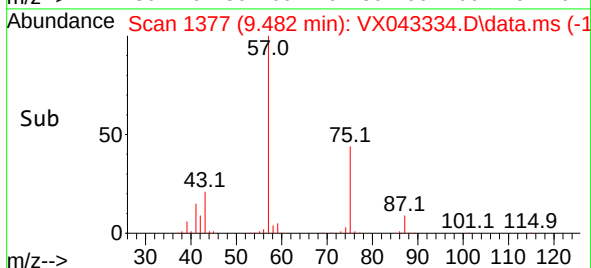
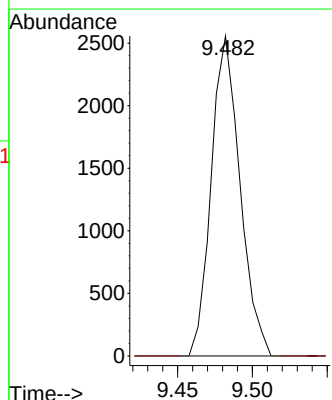
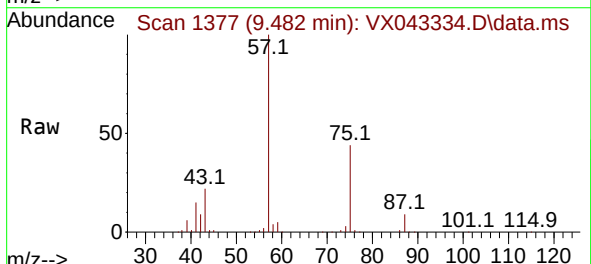
Instrument :
MSVOA_X
ClientSampleId :

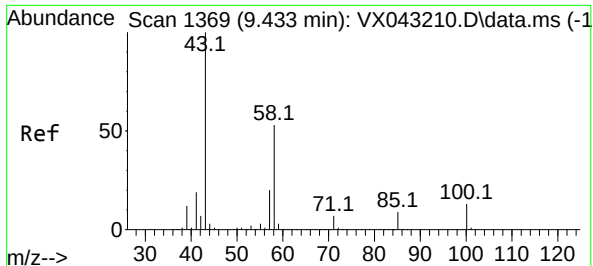
Tgt Ion: 69 Resp: 552
Ion Ratio Lower Upper
69 100
41 7679.9 56.1 84.1#
39 3274.6 36.4 54.6#



#57
1,3-Dichloropropane
Concen: 1.894 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 76 Resp: 3417
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

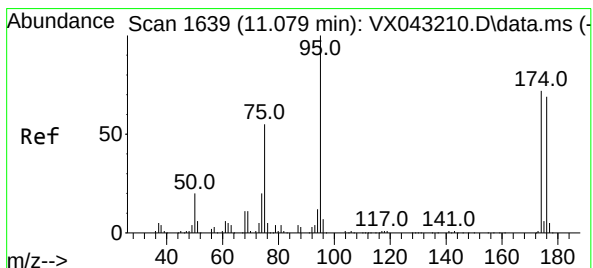
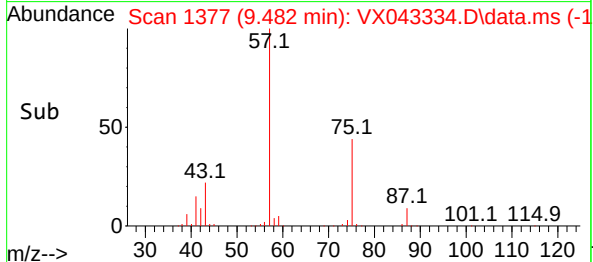
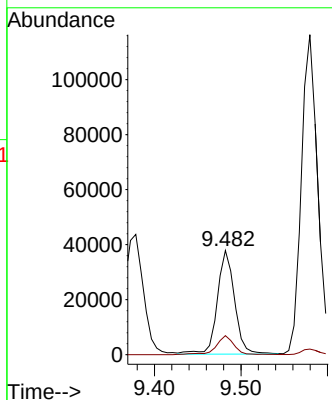
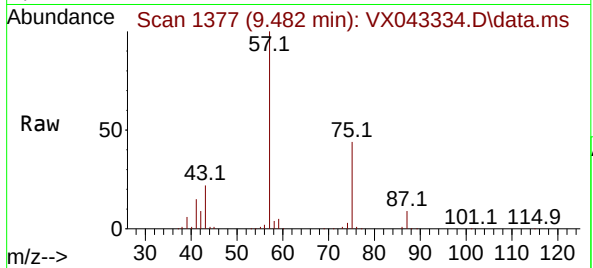




#59
2-Hexanone
Concen: 41.001 ug/l
RT: 9.482 min Scan# 1134
Delta R.T. 0.049 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

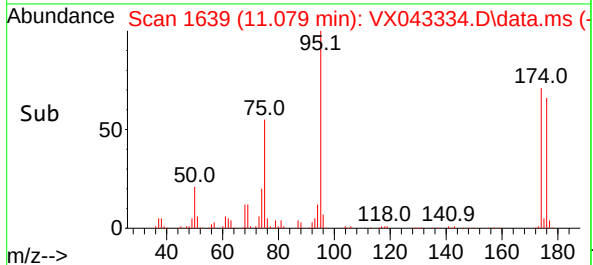
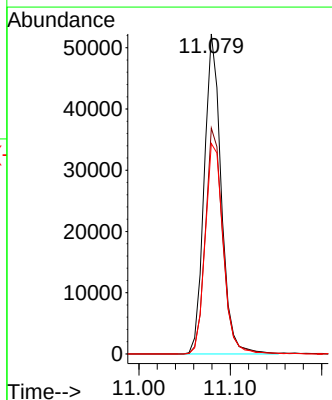
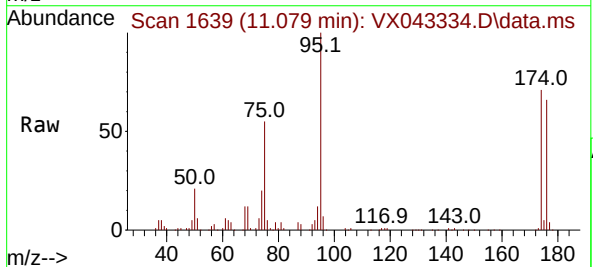
Instrument :
MSVOA_X
ClientSampleId :

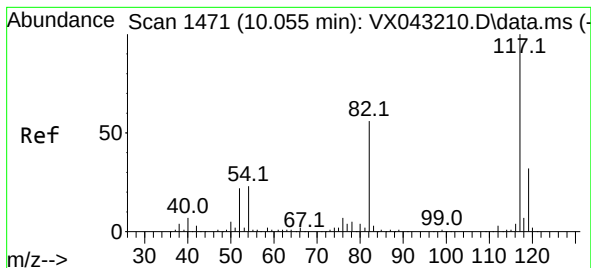
Tgt Ion: 43 Resp: 52391
Ion Ratio Lower Upper
43 100
58 19.1 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 48.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Tgt Ion: 95 Resp: 67140
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.0
176 70.2 0.0 143.0

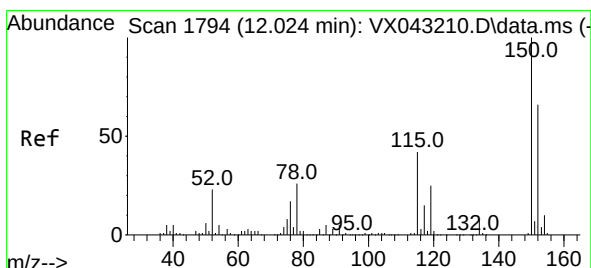
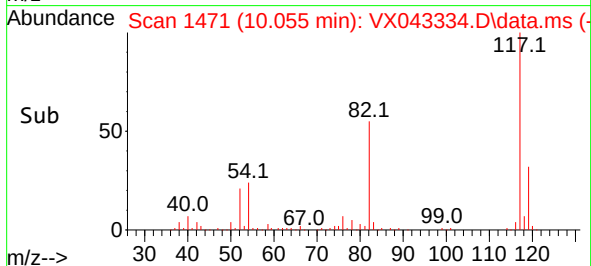
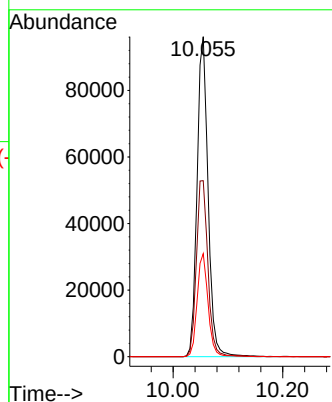
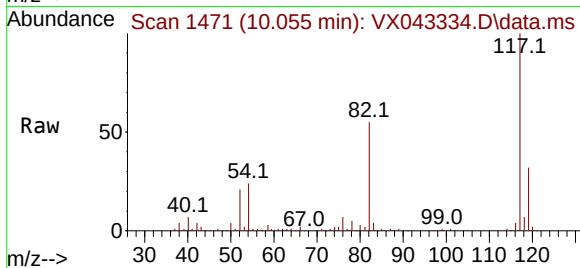




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

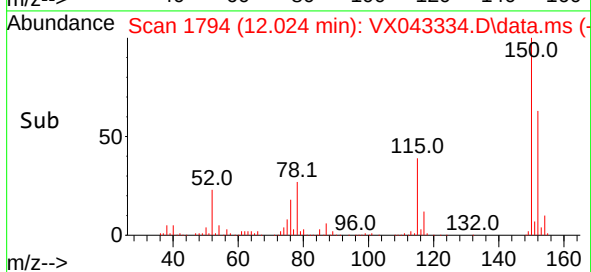
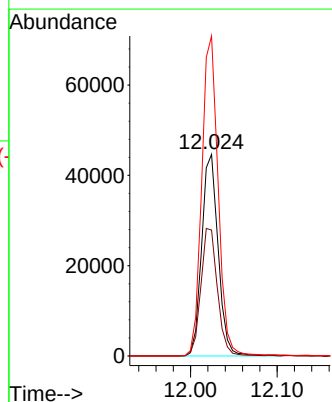
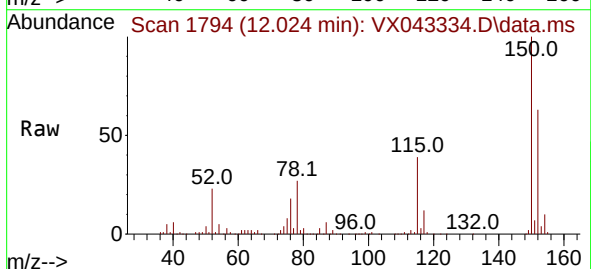
Instrument :
MSVOA_X
ClientSampleId :

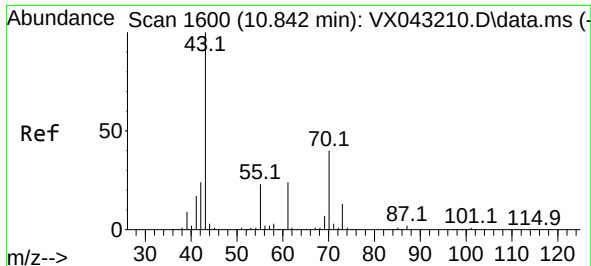
Tgt Ion:117 Resp: 134974
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.6
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

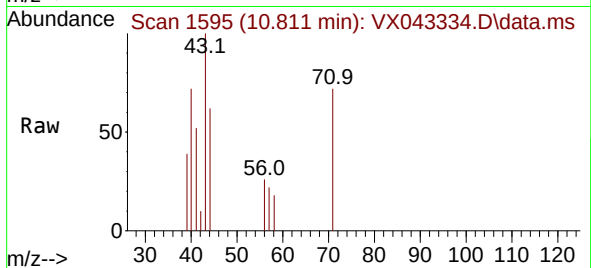
Tgt Ion:152 Resp: 58987
Ion Ratio Lower Upper
152 100
115 63.8 44.1 132.3
150 158.0 0.0 347.4



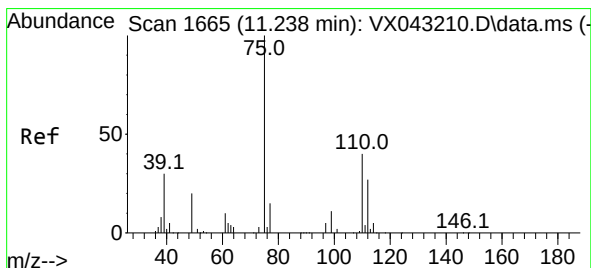
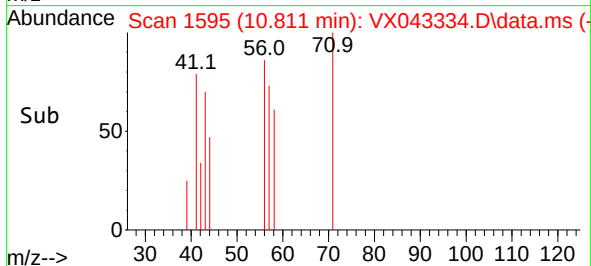
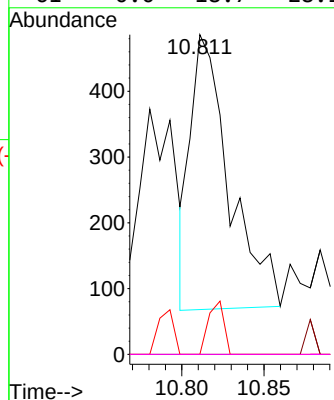


#74
N-amy1 acetate
Concen: 0.316 ug/l
RT: 10.811 min Scan# 1639
Delta R.T. -0.031 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

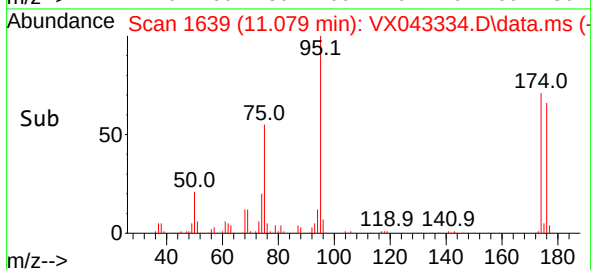
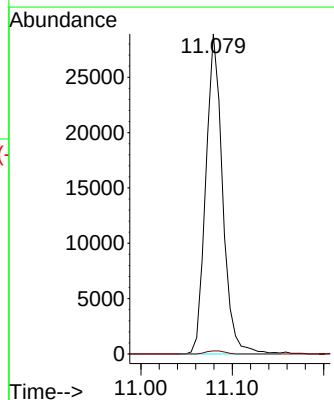
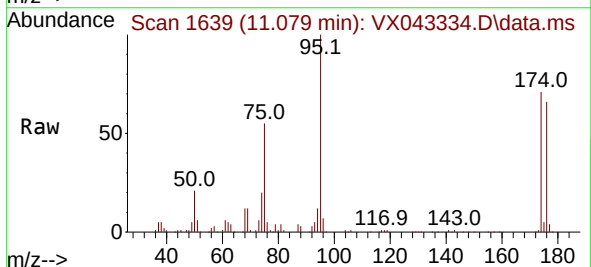


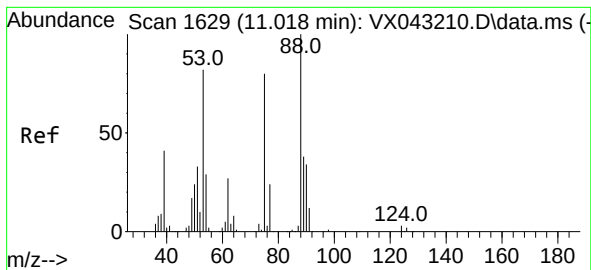
Tgt Ion:	43	Resp:	688
Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.1	49.7#
55	7.7	18.6	27.8#
61	0.0	18.7	28.1#



#76
1,2,3-Trichloropropane
Concen: 28.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

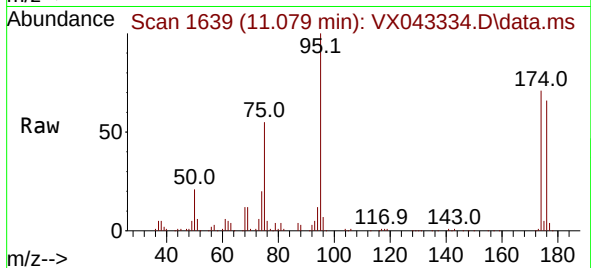
Tgt Ion:	75	Resp:	36830
Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.0	66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.952 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043334.D
Acq: 09 Oct 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 36830
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

