

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043425.D
 Acq On : 18 Oct 2024 11:07
 Operator : JC/MD
 Sample : VX1018MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 23:15:18 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)

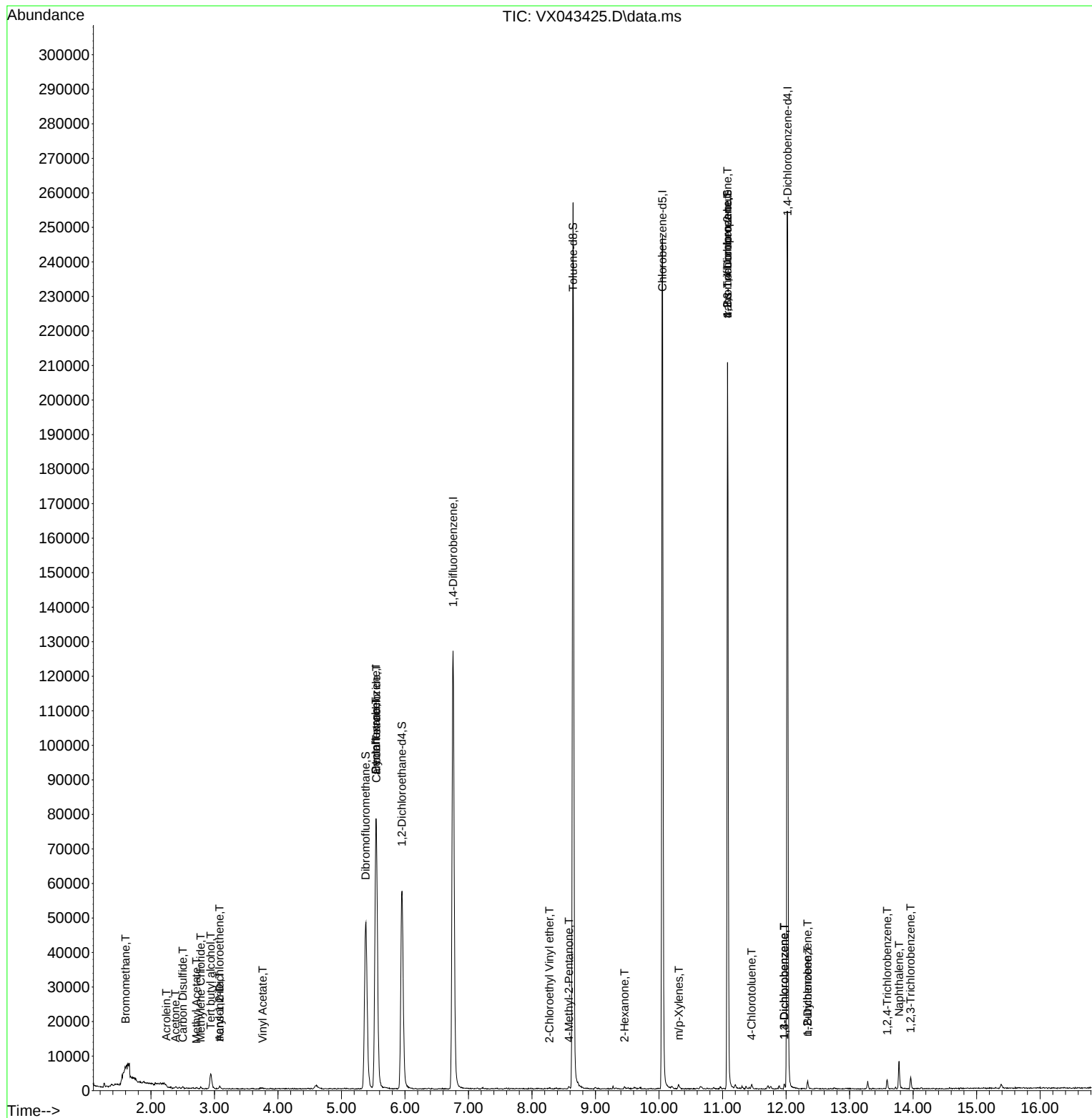
Internal Standards						
1) Pentafluorobenzene	5.543	168	71967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60442	51.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.860%			
35) Dibromofluoromethane	5.379	113	43253	48.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	8.646	98	156211	50.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.079	95	57090	51.223	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.440%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	298	0.845	ug/l #	77
11) Tert butyl alcohol	2.940	59	2759	12.336	ug/l #	71
13) Acrolein	2.239	56	376	1.780	ug/l #	82
15) Acrylonitrile	3.080	53	290	0.635	ug/l #	79
16) Acetone	2.385	43	489	0.996	ug/l	91
17) Carbon Disulfide	2.501	76	614	0.316	ug/l #	76
18) Methyl Acetate	2.715	43	348	0.283	ug/l #	51
20) Methylene Chloride	2.782	84	202	0.223	ug/l #	76
21) trans-1,2-Dichloroethene	3.080	96	201	0.253	ug/l	83
23) Vinyl Acetate	3.757	43	781	6.604	ug/l #	71
31) Cyclohexane	5.543	56	1801	1.420	ug/l #	1
38) Carbon Tetrachloride	5.550	117	8166	6.168	ug/l #	15
51) 4-Methyl-2-Pentanone	8.579	43	532	0.395	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.275	63	180	0.289	ug/l #	45
59) 2-Hexanone	9.457	43	370	0.363	ug/l	89
68) m/p-Xylenes	10.311	106	485	0.300	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	31789	28.373	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31789	73.533	ug/l #	8
82) 4-Chlorotoluene	11.457	91	861	0.273	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	571	0.339	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	571	0.329	ug/l	91
89) n-Butylbenzene	12.341	91	966	0.350	ug/l	89
91) 1,2-Dichlorobenzene	12.341	146	470	0.273	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	949	0.956	ug/l	98
95) Naphthalene	13.780	128	6057	1.660	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1081	1.056	ug/l	98

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

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Sample : VX1018MBL01
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 18 23:15:18 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



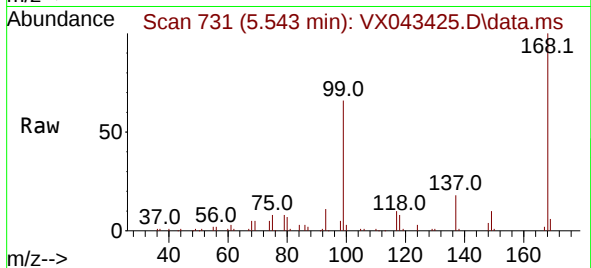


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

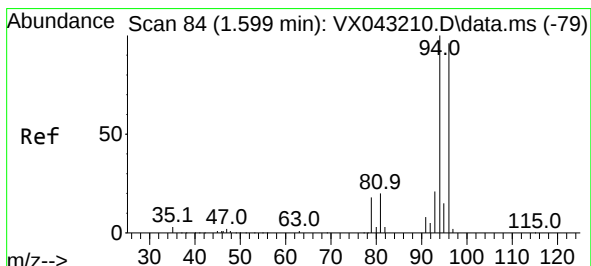
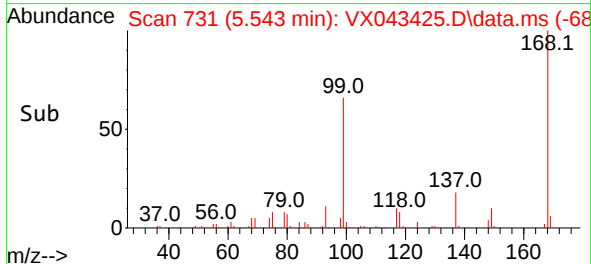
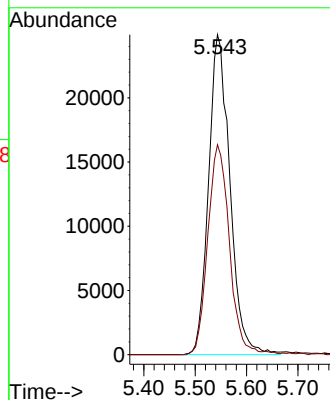
Instrument :

MSVOA_X

ClientSampleId :

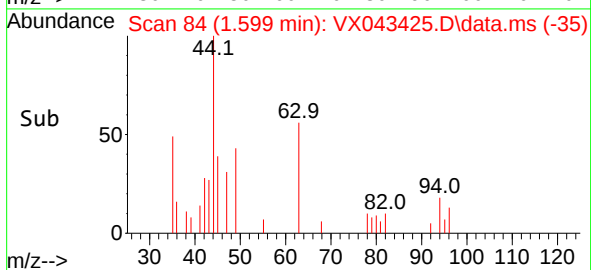
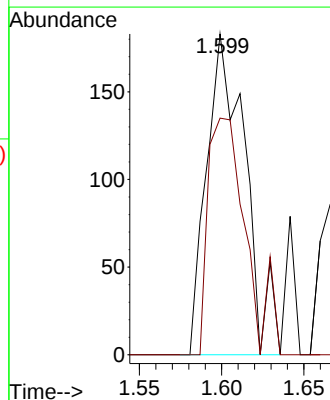
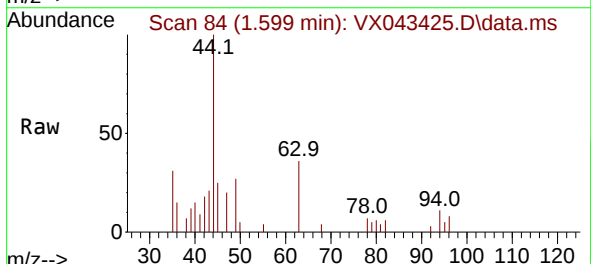


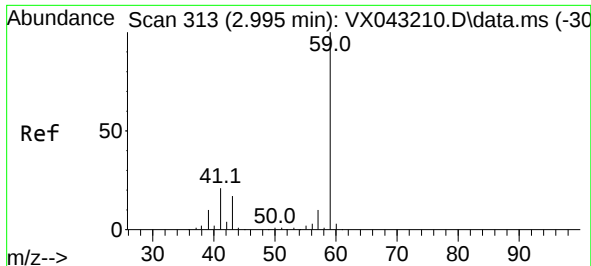
Tgt Ion:168 Resp: 71967
Ion Ratio Lower Upper
168 100
99 65.6 49.7 74.5



#5
Bromomethane
Concen: 0.845 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion: 94 Resp: 298
Ion Ratio Lower Upper
94 100
96 73.8 76.6 115.0#

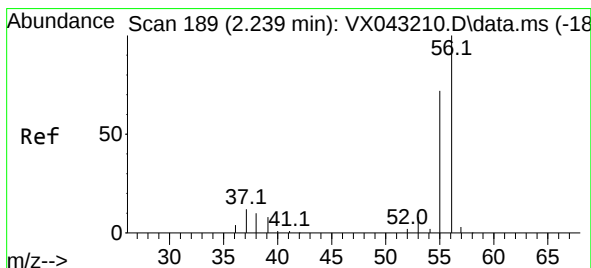
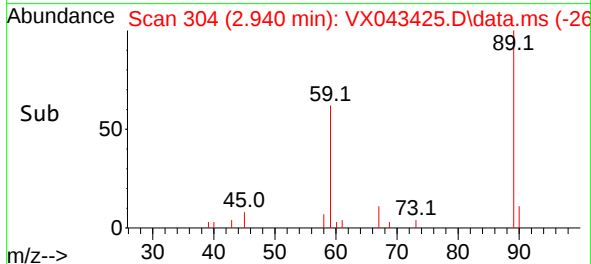
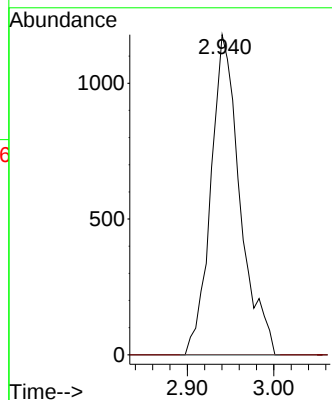
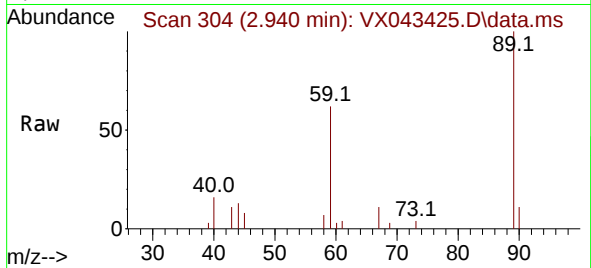




#11
Tert butyl alcohol
Concen: 12.336 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

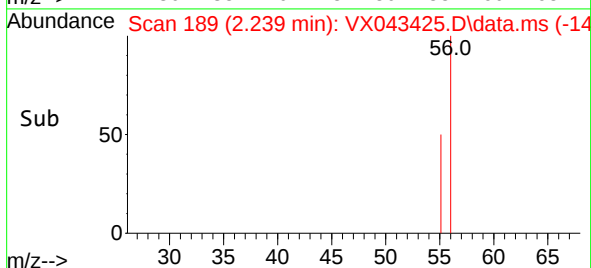
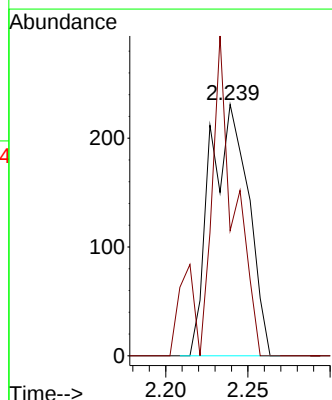
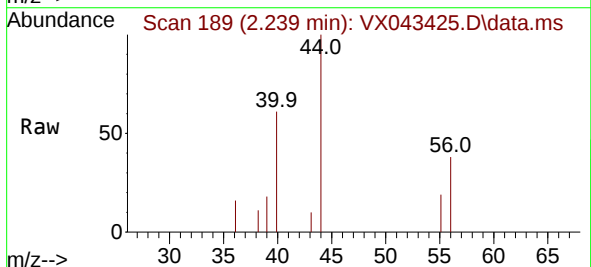
Instrument :
MSVOA_X
ClientSampleId :

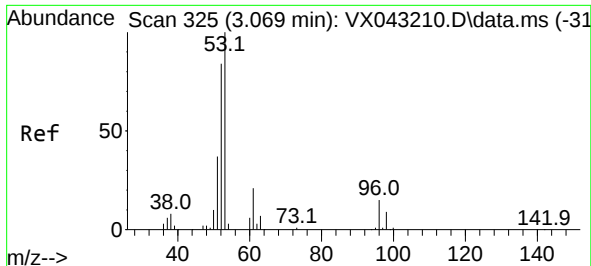
Tgt Ion: 59 Resp: 2759
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 1.780 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

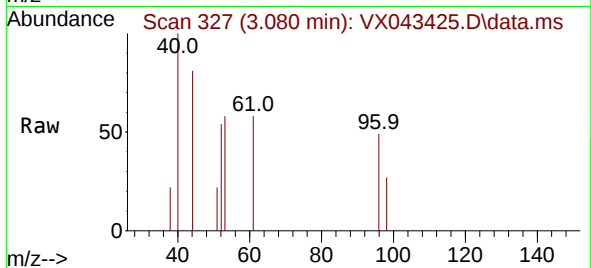
Tgt Ion: 56 Resp: 376
Ion Ratio Lower Upper
56 100
55 86.7 57.4 86.0#



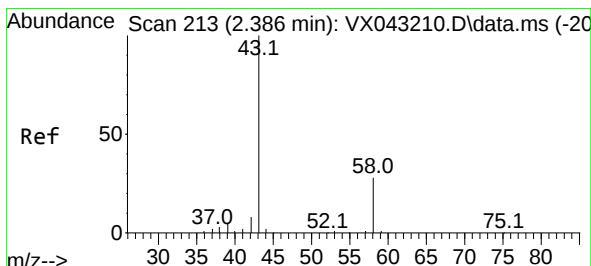
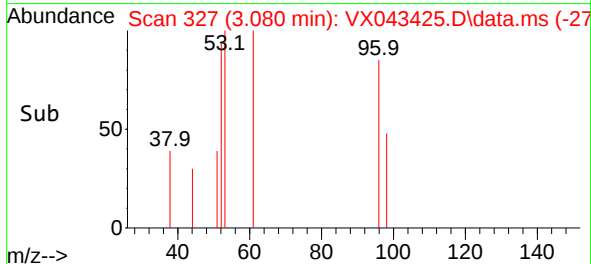
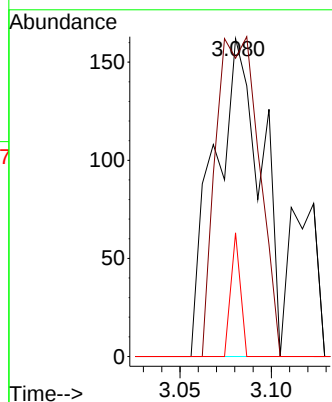


#15
Acrylonitrile
Concen: 0.635 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

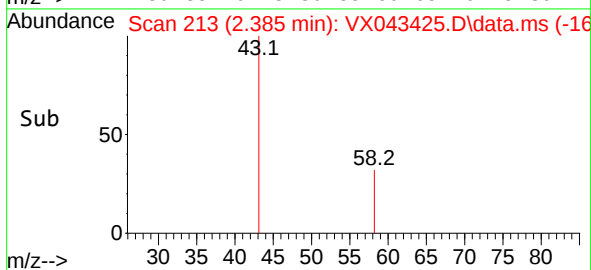
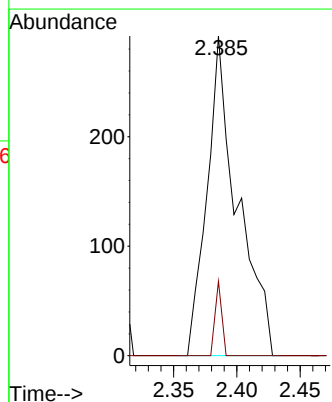
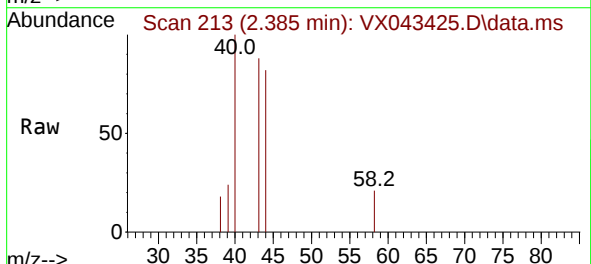


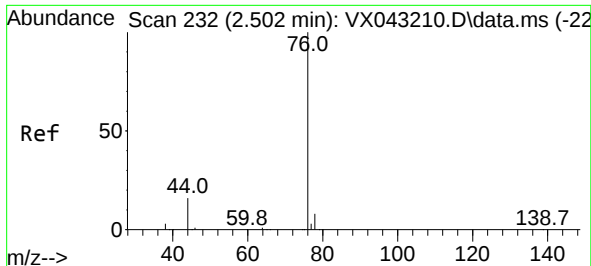
Tgt Ion: 53 Resp: 290
Ion Ratio Lower Upper
53 100
52 92.4 67.6 101.4
51 7.9 30.3 45.5#



#16
Acetone
Concen: 0.996 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

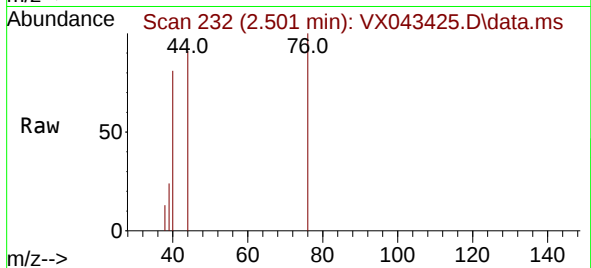
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 23.3 22.6 33.8



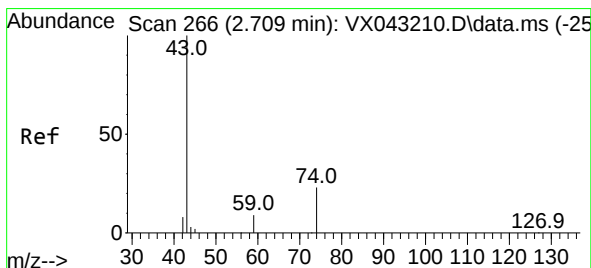
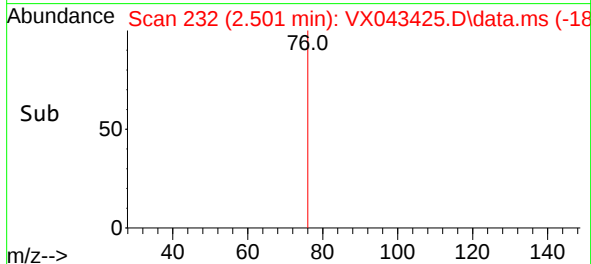
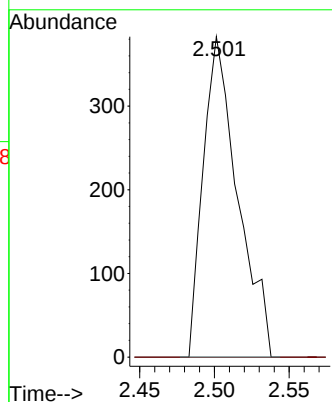


#17
Carbon Disulfide
Concen: 0.316 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

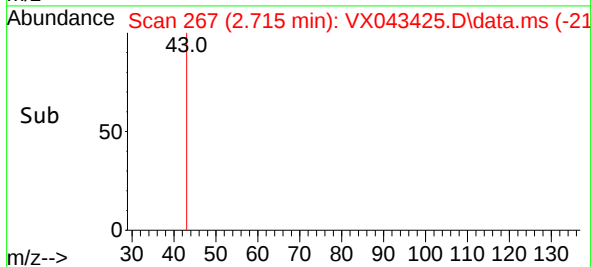
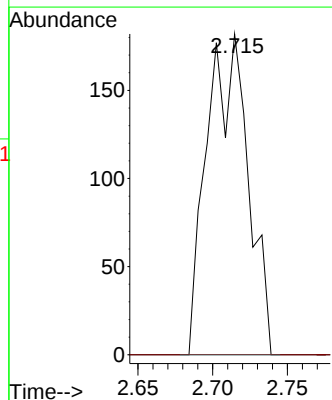
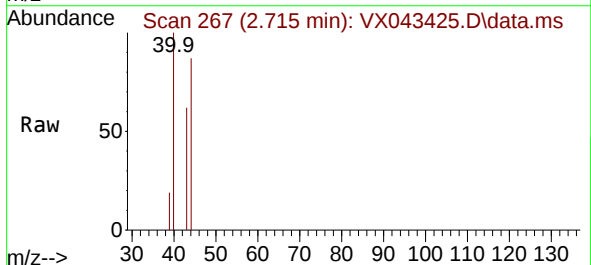


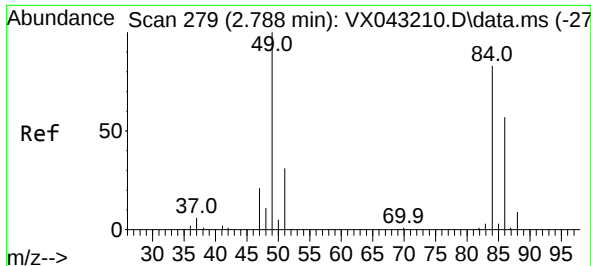
Tgt Ion: 76 Resp: 614
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

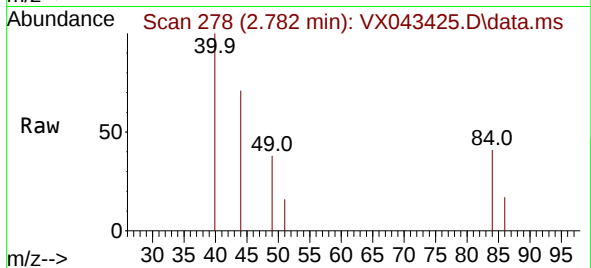
Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 202

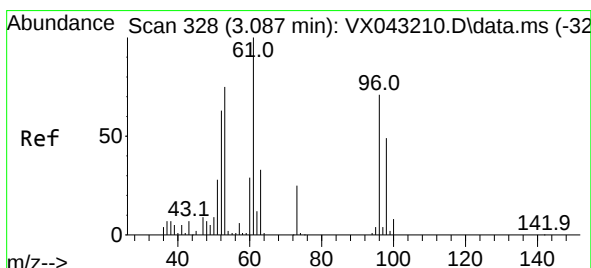
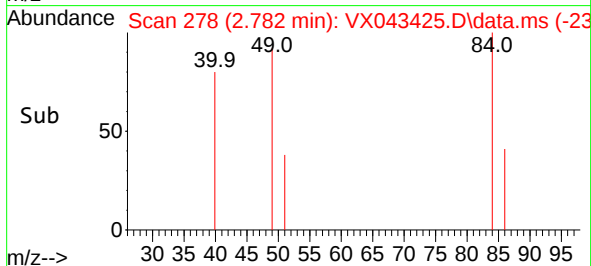
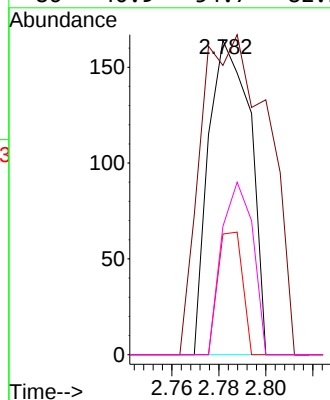
Ion Ratio Lower Upper

84 100

49 92.1 96.7 145.1#

51 38.4 30.4 45.6

86 40.9 54.7 82.1#



#21

trans-1,2-Dichloroethene

Concen: 0.253 ug/l

RT: 3.080 min Scan# 327

Delta R.T. -0.007 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

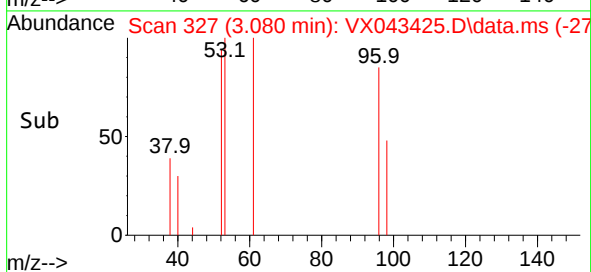
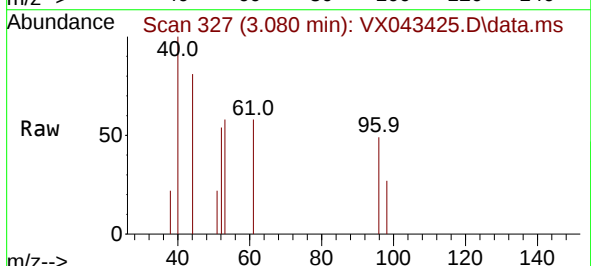
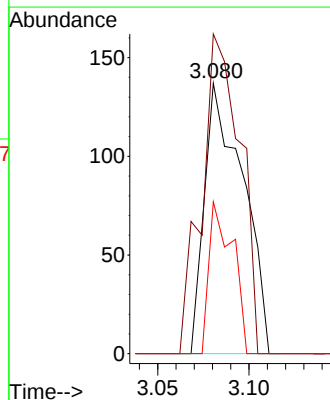
Tgt Ion: 96 Resp: 201

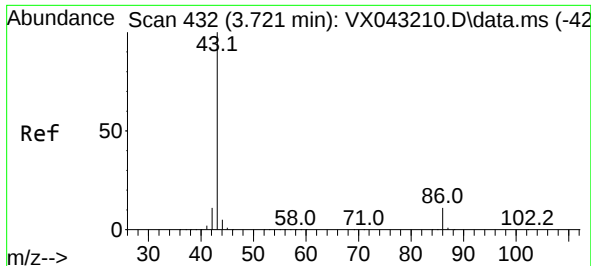
Ion Ratio Lower Upper

96 100

61 118.2 112.3 168.5

98 56.2 54.6 82.0

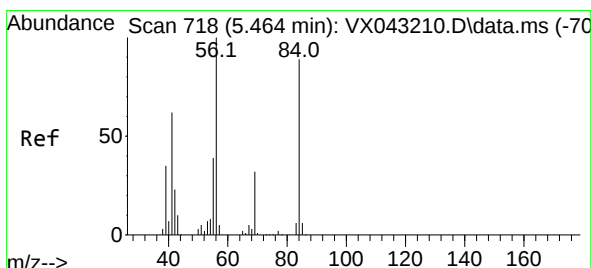
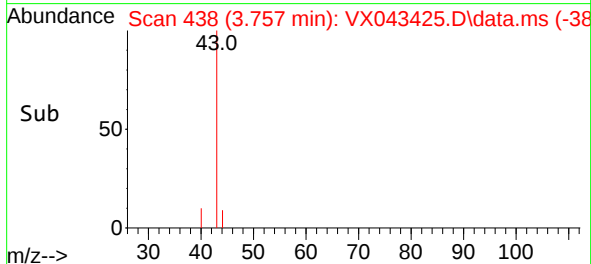
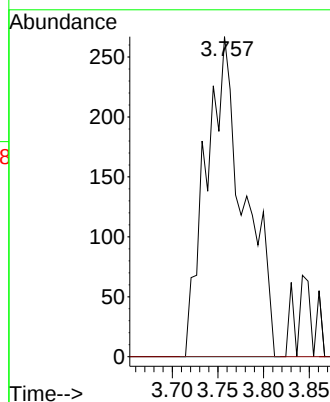
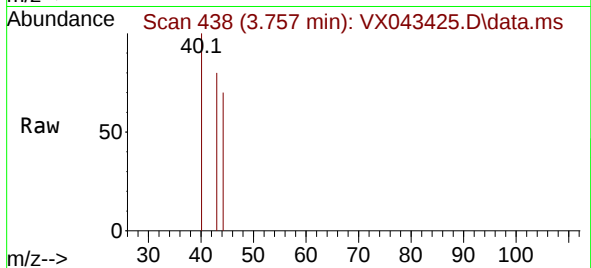




#23
Vinyl Acetate
Concen: 6.604 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.036 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

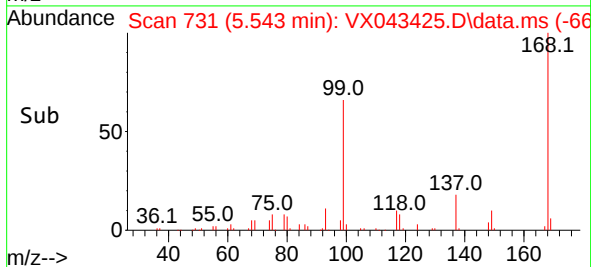
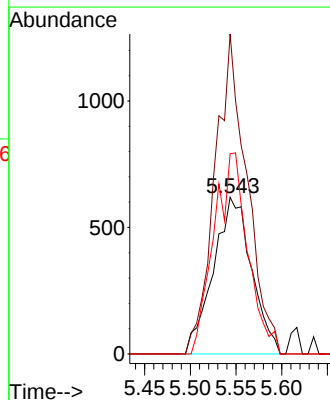
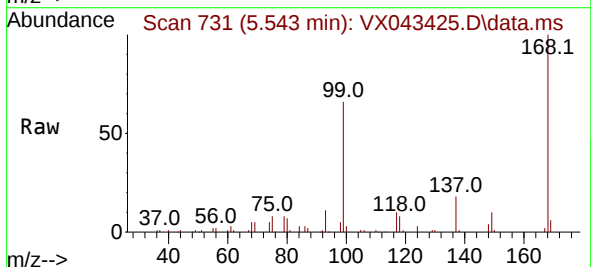
Instrument :
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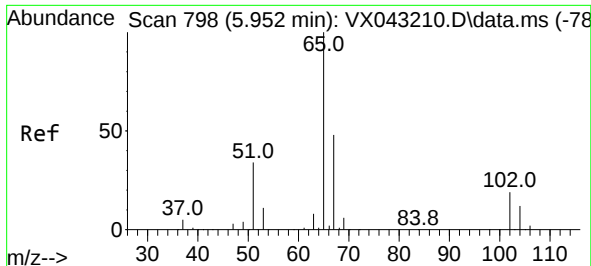
Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#



#31
Cyclohexane
Concen: 1.420 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion: 56 Resp: 1801
Ion Ratio Lower Upper
56 100
69 204.4 25.8 38.6#
84 127.8 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 51.426 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Instrument :

MSVOA_X

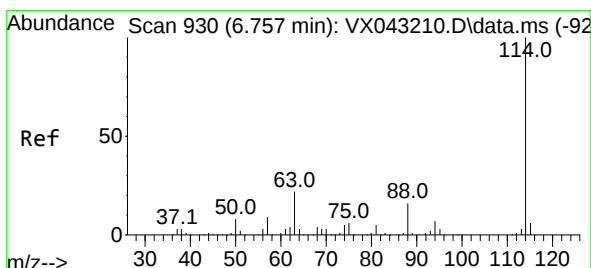
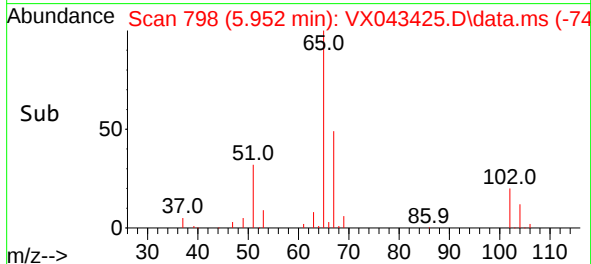
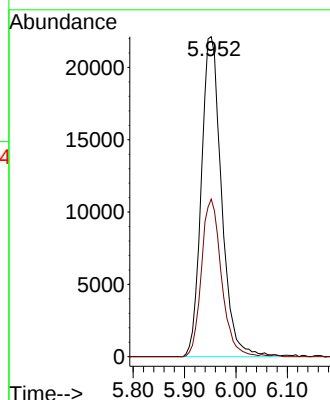
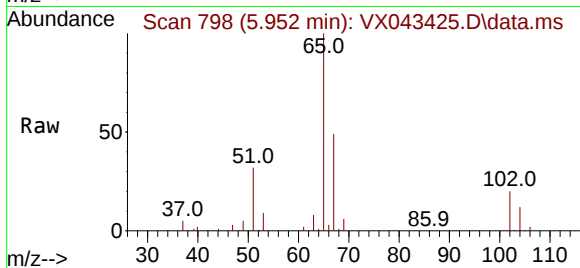
ClientSampleId :

Tgt Ion: 65 Resp: 60442

Ion Ratio Lower Upper

65 100

67 48.7 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: VX043425.D

Acq: 18 Oct 2024 11:07

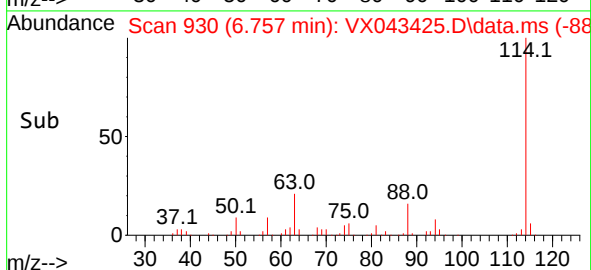
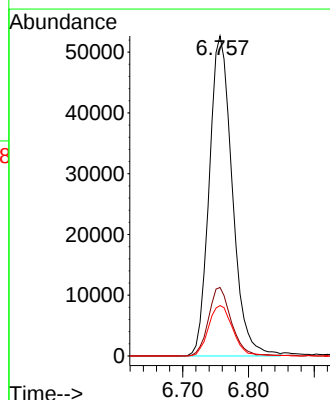
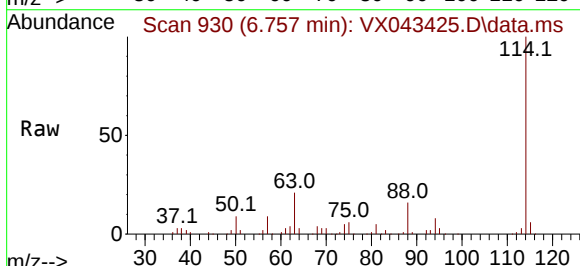
Tgt Ion: 114 Resp: 128367

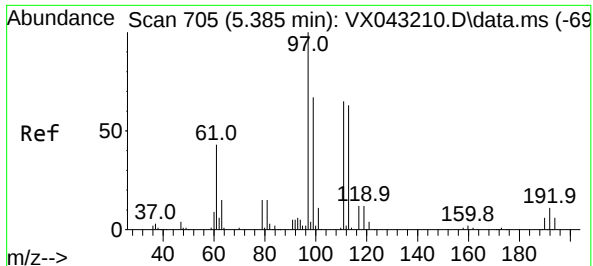
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.859 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

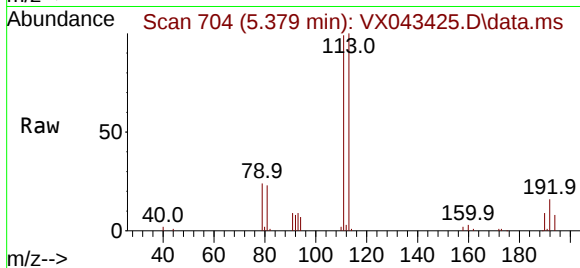
Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Instrument :

MSVOA_X

ClientSampleId :



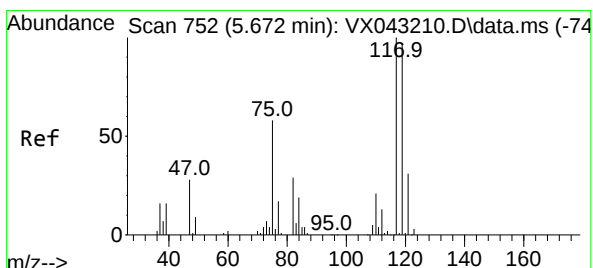
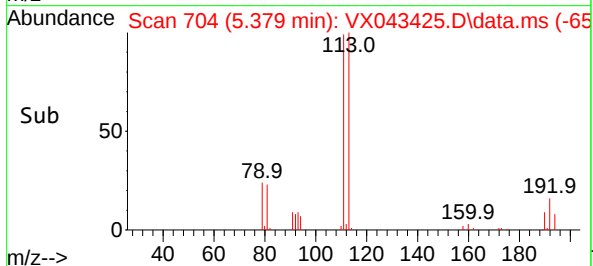
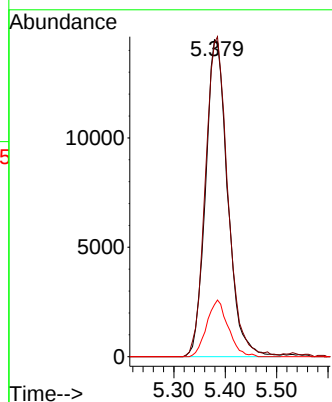
Tgt Ion:113 Resp: 43253

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 17.3 14.1 21.1



#38

Carbon Tetrachloride

Concen: 6.168 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

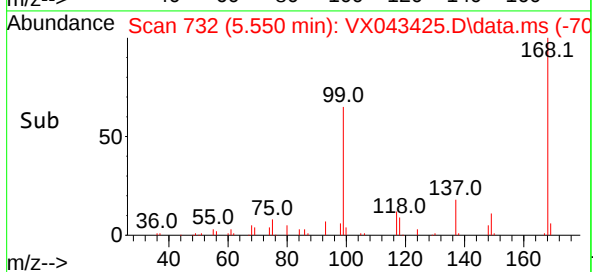
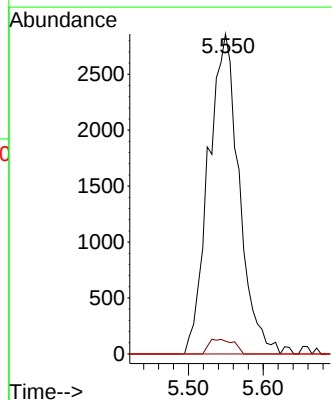
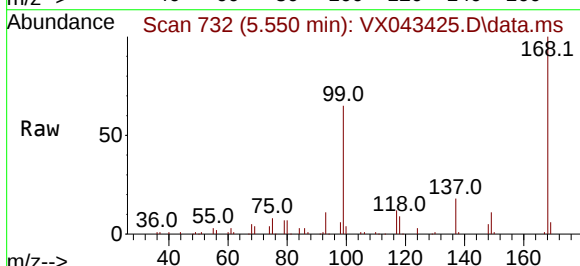
Tgt Ion:117 Resp: 8166

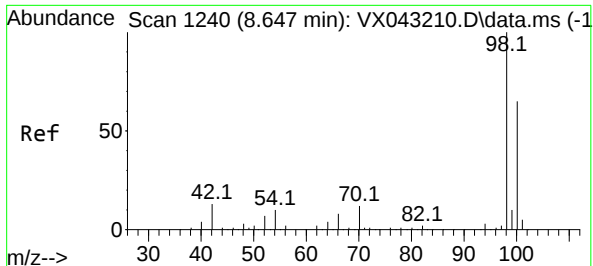
Ion Ratio Lower Upper

117 100

119 4.0 77.7 116.5#

121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 50.918 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Instrument :

MSVOA_X

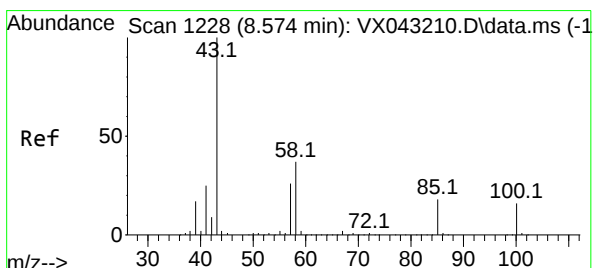
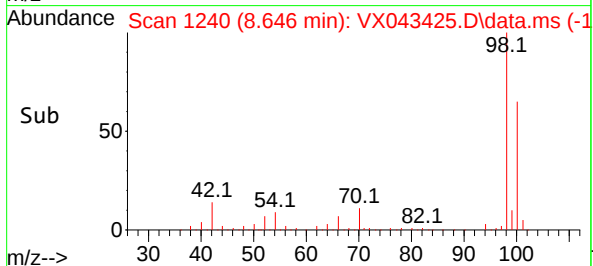
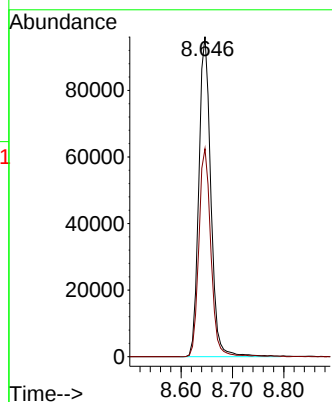
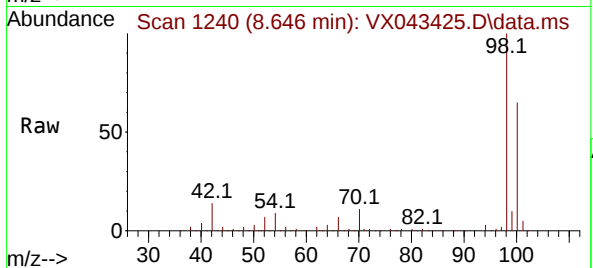
ClientSampleId :

Tgt Ion: 98 Resp: 156211

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 0.395 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX043425.D

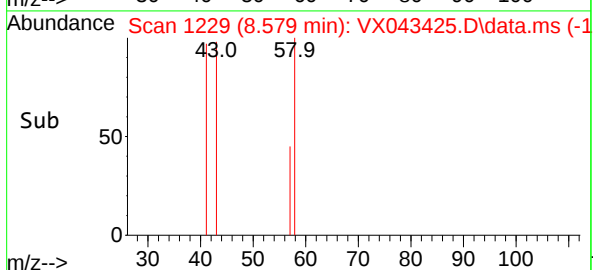
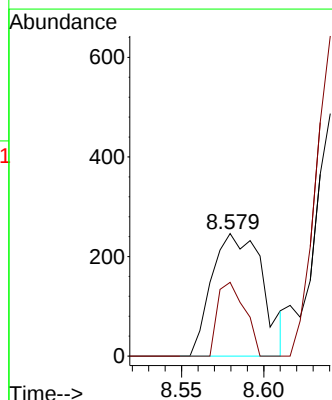
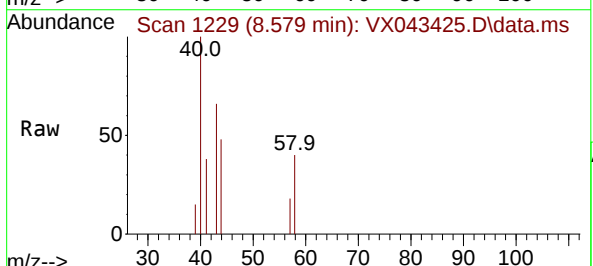
Acq: 18 Oct 2024 11:07

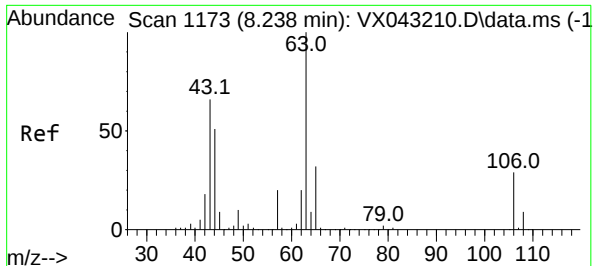
Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

58 32.1 30.0 45.0

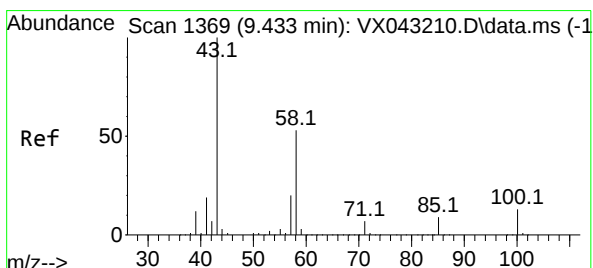
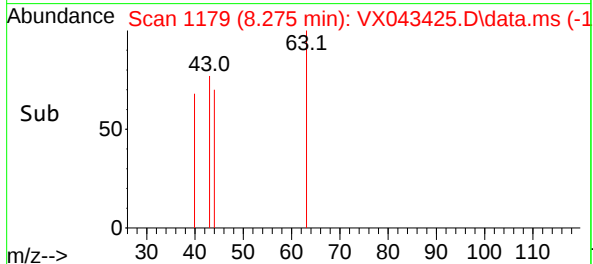
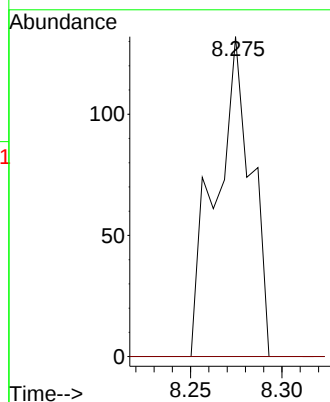
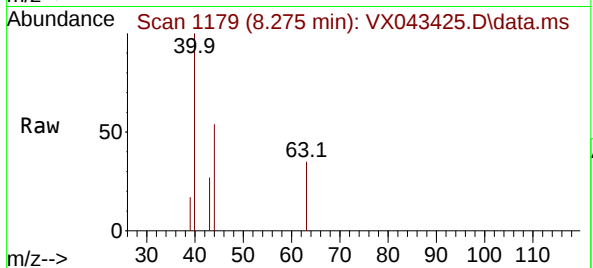




#58
2-Chloroethyl Vinyl ether
Concen: 0.289 ug/l
RT: 8.275 min Scan# 1173
Delta R.T. 0.036 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

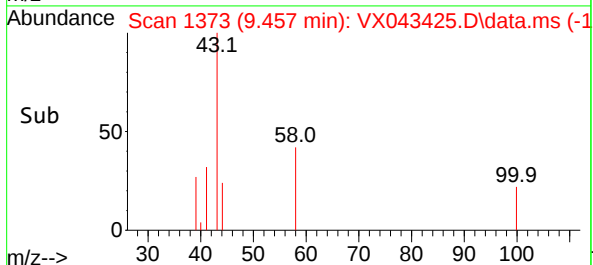
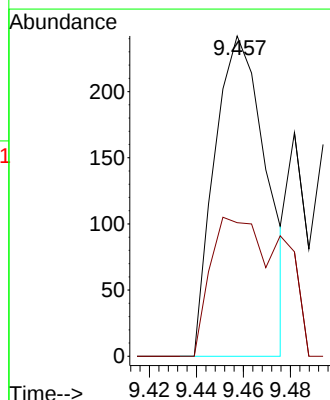
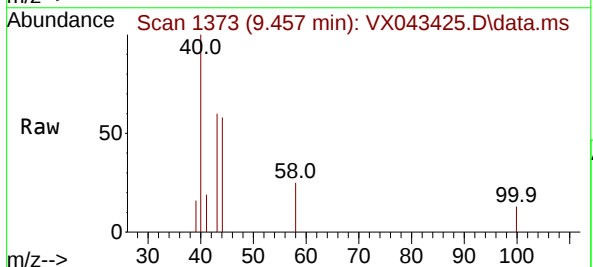
Instrument :
MSVOA_X
ClientSampleId :

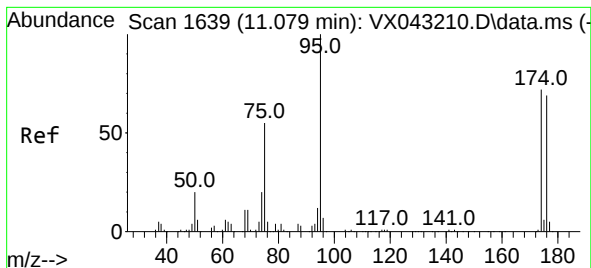
Tgt Ion: 63 Resp: 180
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 0.363 ug/l
RT: 9.457 min Scan# 1373
Delta R.T. 0.024 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 60.0 26.1 78.3

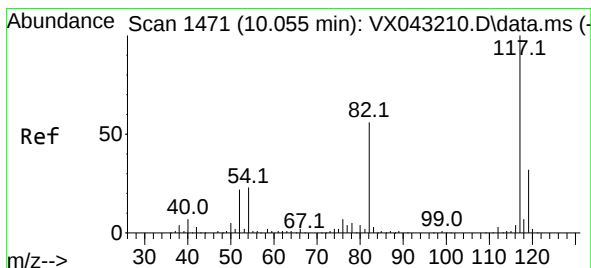
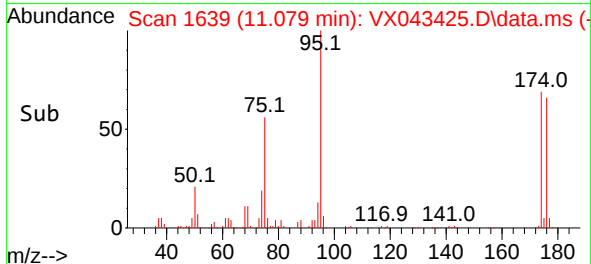
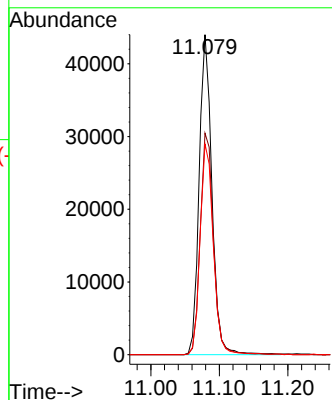
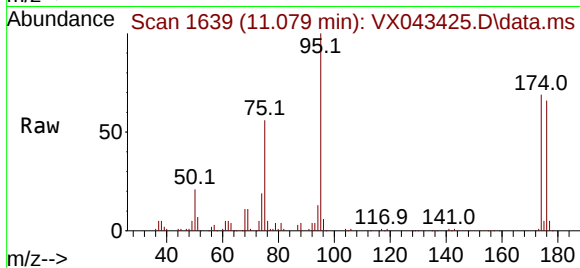




#62
4-Bromofluorobenzene
Concen: 51.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

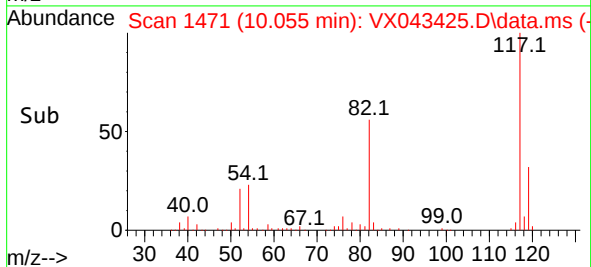
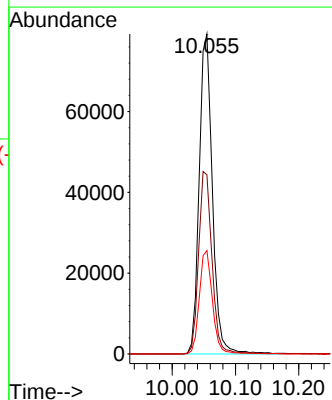
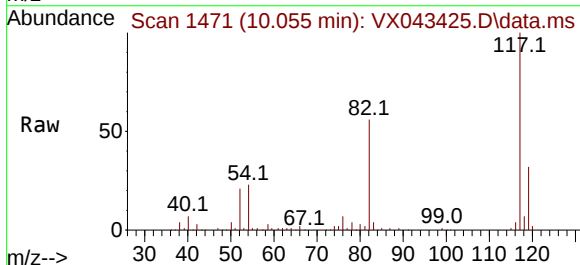
Instrument :
MSVOA_X
ClientSampleId :

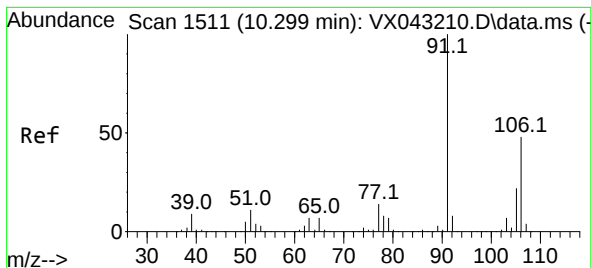
Tgt Ion: 95 Resp: 57090
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 68.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion: 117 Resp: 115140
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 32.3 25.3 37.9





#68

m/p-Xylenes

Concen: 0.300 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Instrument :

MSVOA_X

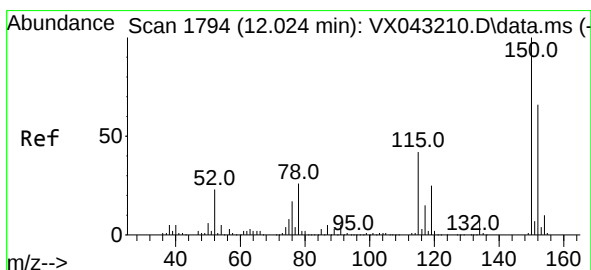
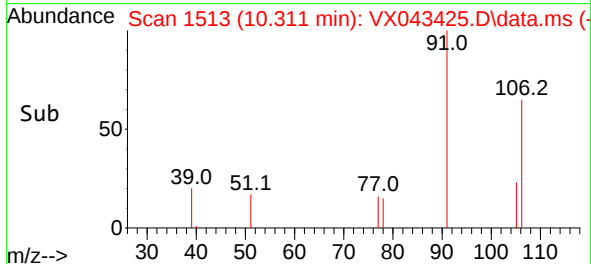
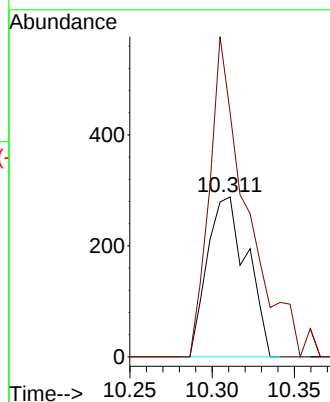
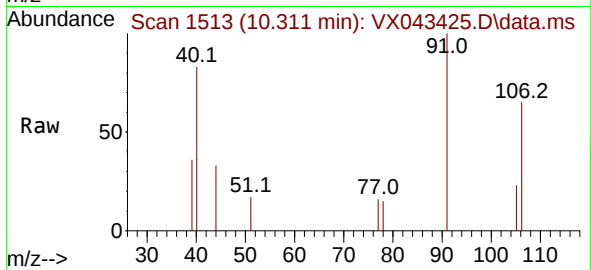
ClientSampleId :

Tgt Ion:106 Resp: 485

Ion Ratio Lower Upper

106 100

91 189.1 167.0 250.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

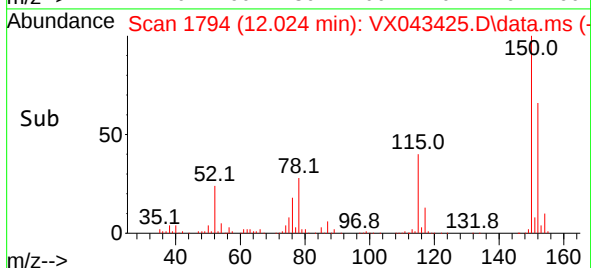
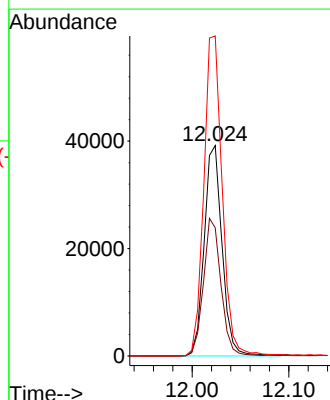
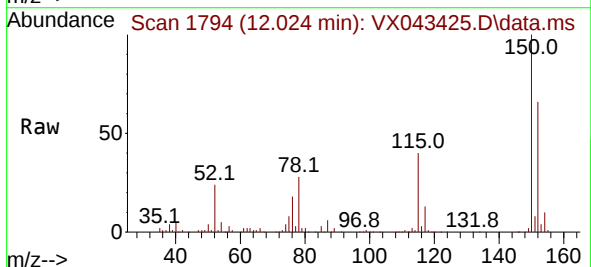
Tgt Ion:152 Resp: 50511

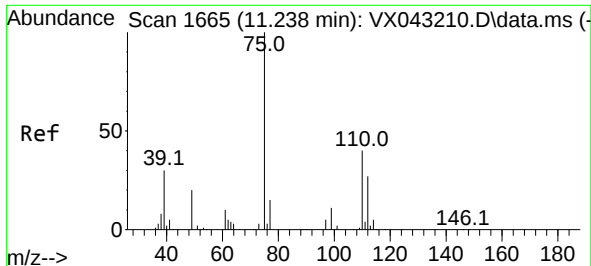
Ion Ratio Lower Upper

152 100

115 63.9 44.1 132.3

150 156.7 0.0 347.4

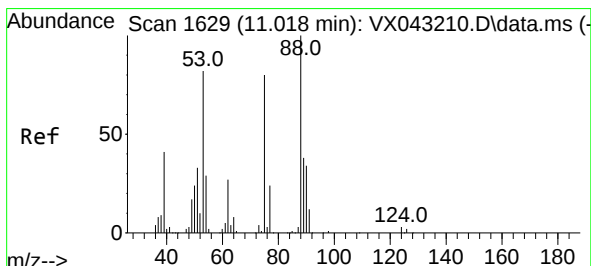
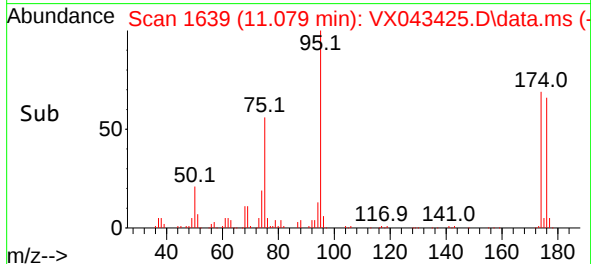
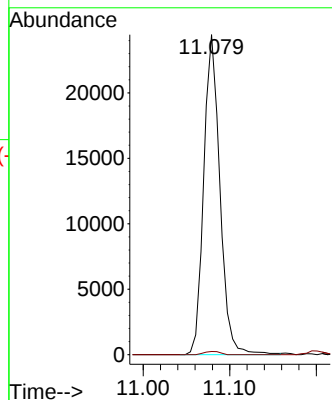
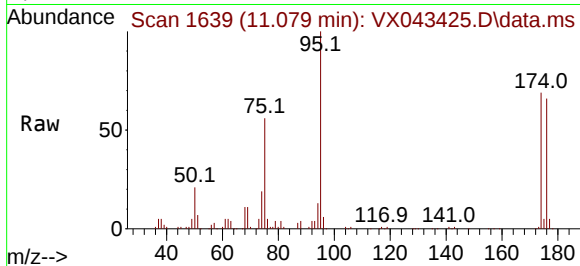




#76
1,2,3-Trichloropropane
Concen: 28.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

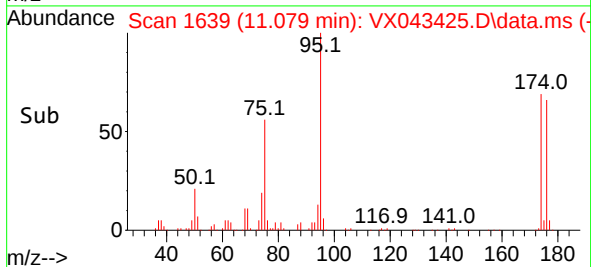
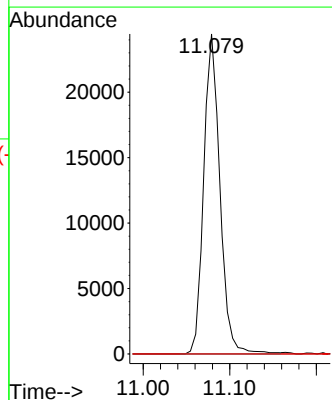
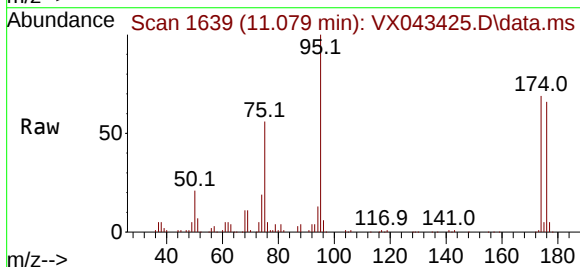
Instrument :
MSVOA_X
ClientSampleId :

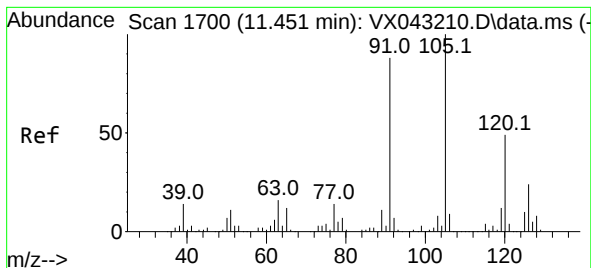
Tgt Ion: 75 Resp: 31789
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

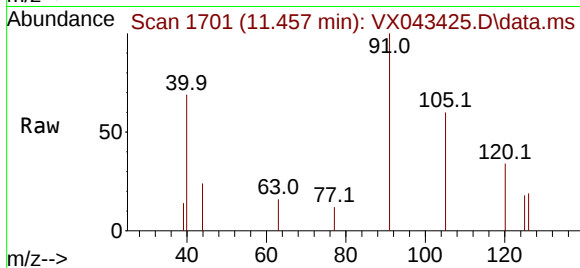
Tgt Ion: 75 Resp: 31789
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



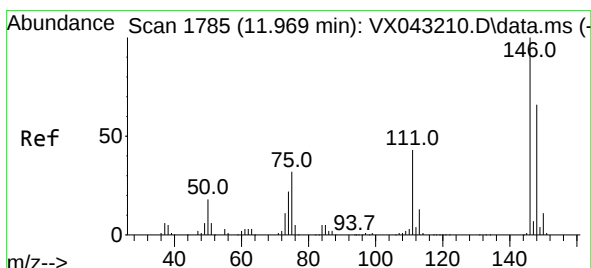
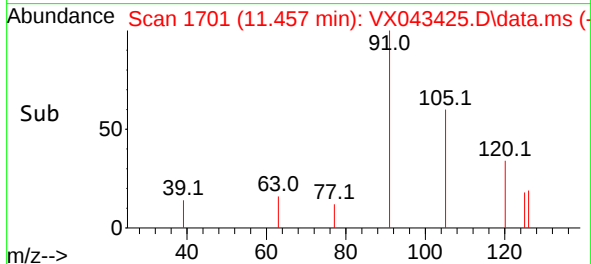
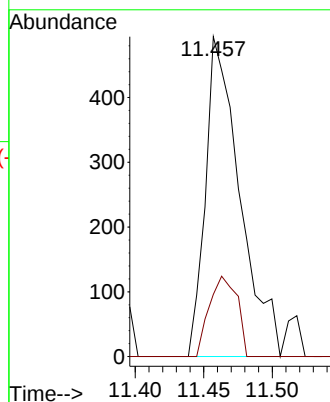


#82
4-Chlorotoluene
Concen: 0.273 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

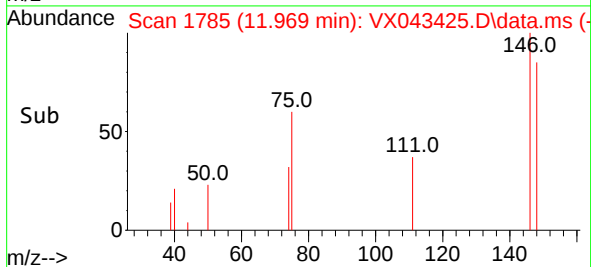
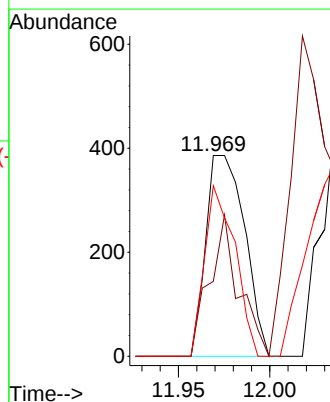
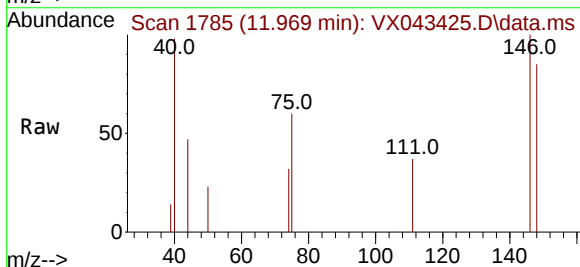


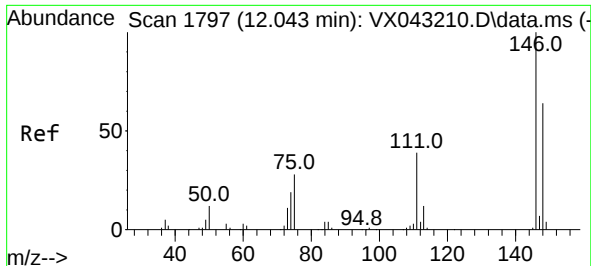
Tgt Ion: 91 Resp: 861
Ion Ratio Lower Upper
91 100
126 20.3 14.1 42.3



#87
1,3-Dichlorobenzene
Concen: 0.339 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

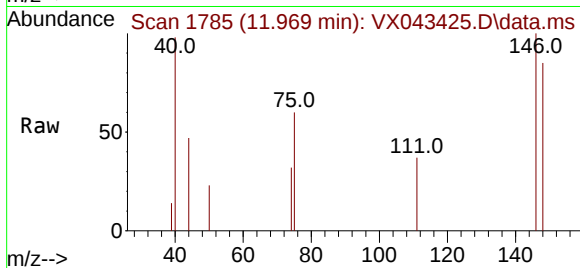
Tgt Ion:146 Resp: 571
Ion Ratio Lower Upper
146 100
111 53.1 21.8 65.3
148 66.7 32.4 97.2



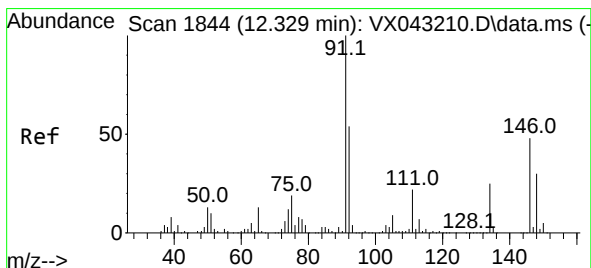
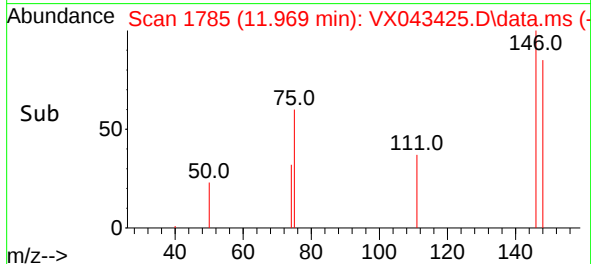
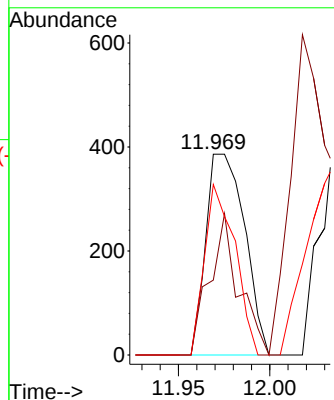


#88
1,4-Dichlorobenzene
Concen: 0.329 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

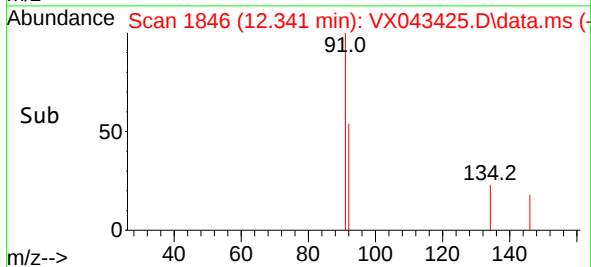
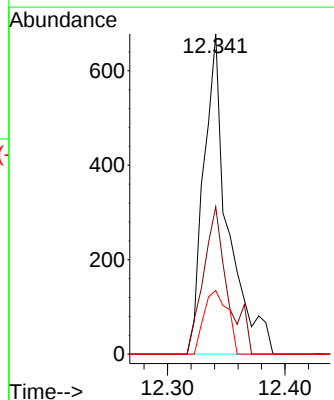
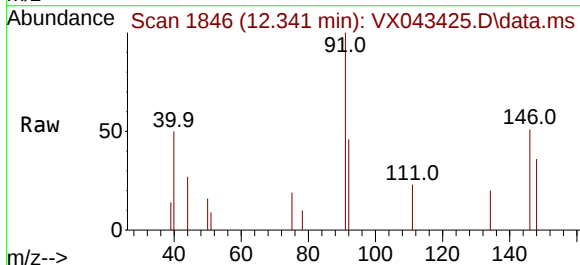


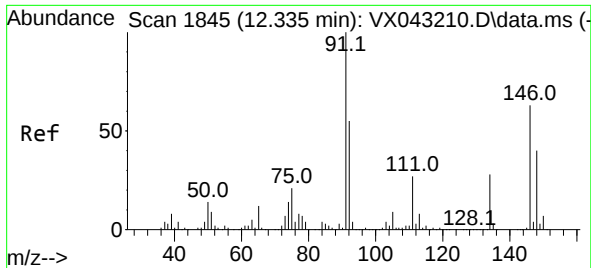
Tgt Ion:146 Resp: 571
Ion Ratio Lower Upper
146 100
111 53.1 20.8 62.5
148 66.7 32.4 97.0



#89
n-Butylbenzene
Concen: 0.350 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion: 91 Resp: 966
Ion Ratio Lower Upper
91 100
92 46.1 27.0 81.0
134 19.6 12.9 38.6

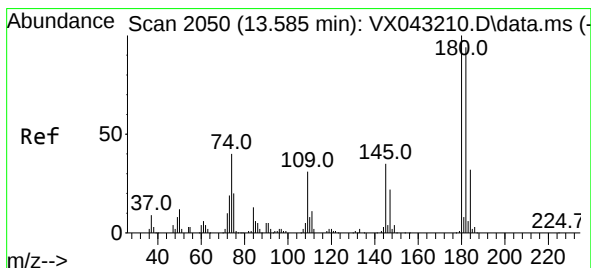
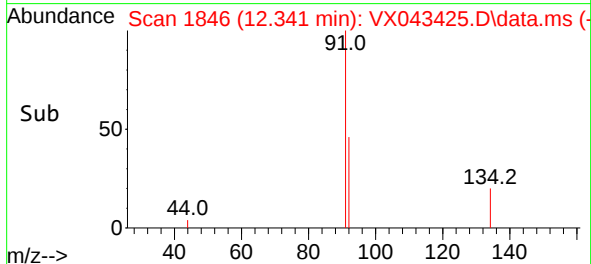
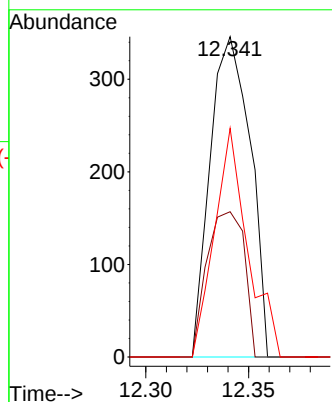
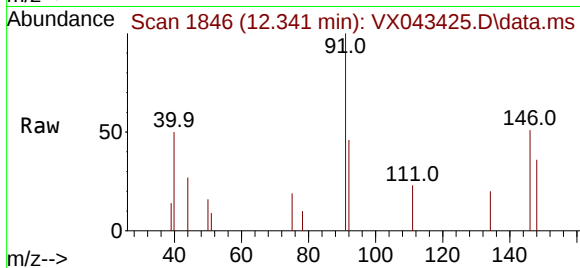




#91
1,2-Dichlorobenzene
Concen: 0.273 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

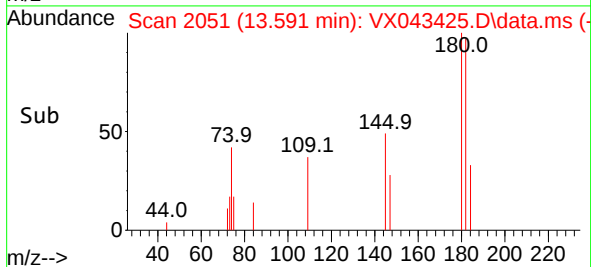
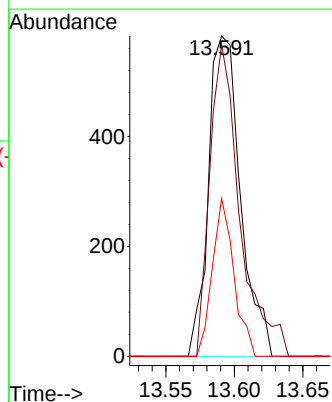
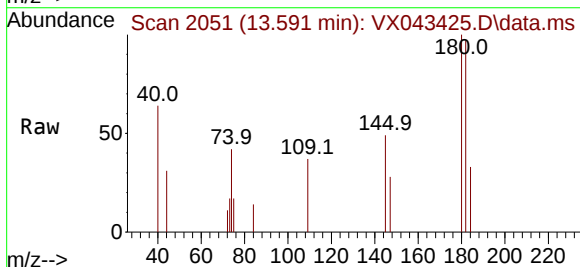
Instrument :
MSVOA_X
ClientSampleId :

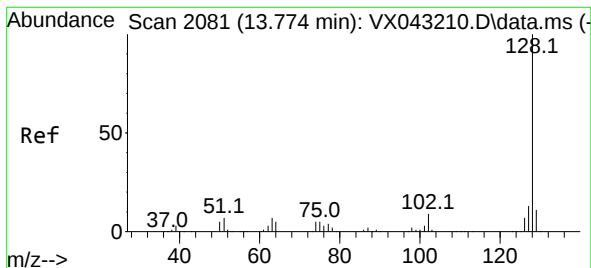
Tgt Ion:146 Resp: 470
Ion Ratio Lower Upper
146 100
111 42.1 21.9 65.5
148 58.9 31.9 95.5



#93
1,2,4-Trichlorobenzene
Concen: 0.956 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043425.D
Acq: 18 Oct 2024 11:07

Tgt Ion:180 Resp: 949
Ion Ratio Lower Upper
180 100
182 91.5 47.1 141.3
145 33.1 16.6 49.8





#95

Naphthalene

Concen: 1.660 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

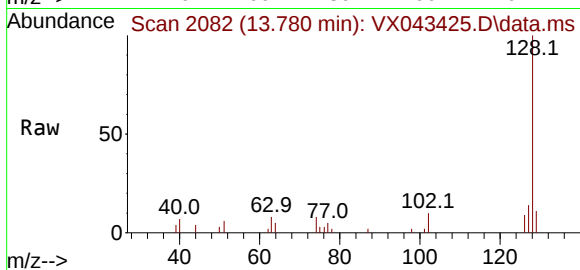
Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Instrument :

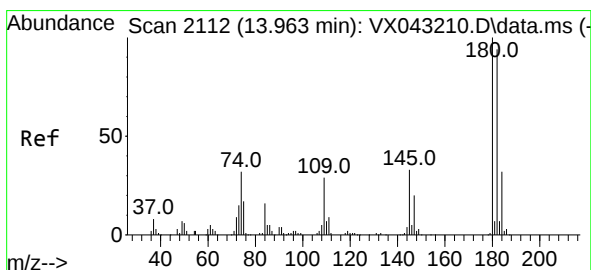
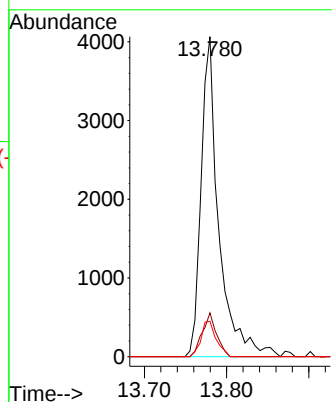
MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 6057

Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.2
129	9.6	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.056 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043425.D

Acq: 18 Oct 2024 11:07

Tgt Ion:180 Resp: 1081

Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.5	139.3
145	32.3	17.2	51.6

