

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043111.D
 Acq On : 24 Sep 2024 10:19
 Operator : JC/MD
 Sample : VX0924WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 25 01:21:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

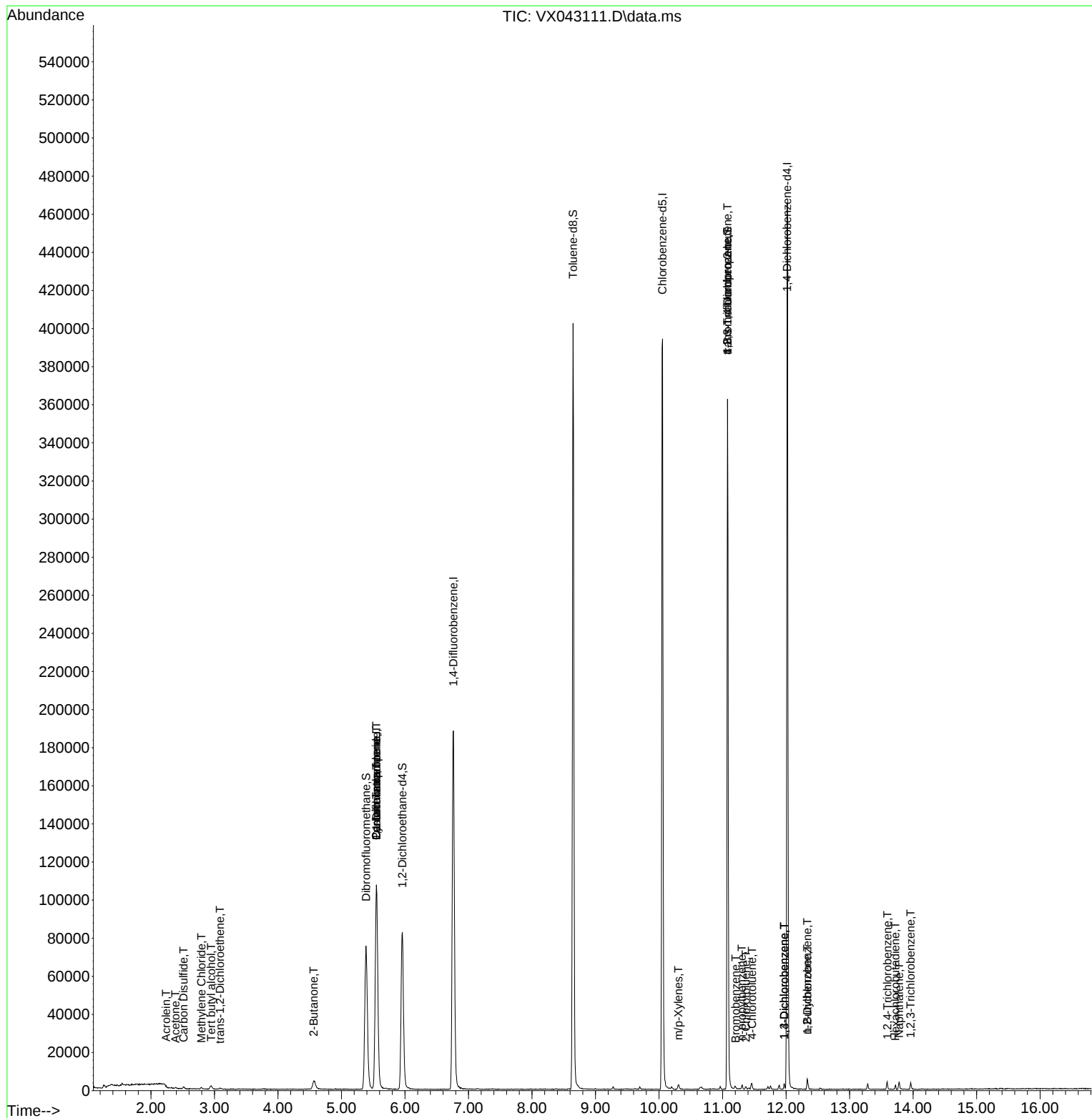
Internal Standards						
1) Pentafluorobenzene	5.550	168	97011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85083	52.801	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.600%			
35) Dibromofluoromethane	5.385	113	65314	48.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.120%			
50) Toluene-d8	8.647	98	236266	51.384	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	94524	51.047	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.100%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	908	2.524	ug/l #	71
13) Acrolein	2.239	56	81	1.709	ug/l #	15
16) Acetone	2.386	43	890	1.181	ug/l #	83
17) Carbon Disulfide	2.514	76	1170	0.458	ug/l	97
20) Methylene Chloride	2.794	84	400	0.334	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	239	0.225	ug/l #	62
25) 2-Butanone	4.562	43	409	0.421	ug/l #	49
31) Cyclohexane	5.550	56	2610	1.647	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8453	5.062	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10466	4.865	ug/l #	16
68) m/p-Xylenes	10.305	106	722	0.290	ug/l	77
76) 1,2,3-Trichloropropane	11.079	75	51935	27.163	ug/l #	34
77) Bromobenzene	11.207	156	338	0.209	ug/l	92
78) n-propylbenzene	11.305	91	1613	0.211	ug/l	96
79) 2-Chlorotoluene	11.366	91	1017	0.212	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	51935	64.718	ug/l #	7
82) 4-Chlorotoluene	11.463	91	1497	0.273	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	1058	0.358	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	1058	0.357	ug/l	96
89) n-Butylbenzene	12.335	91	1972	0.386	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	799	0.275	ug/l	91
93) 1,2,4-Trichlorobenzene	13.597	180	1161	0.644	ug/l	98
94) Hexachlorobutadiene	13.719	225	357	0.471	ug/l	87
95) Naphthalene	13.780	128	3041	0.485	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	1011	0.565	ug/l	91

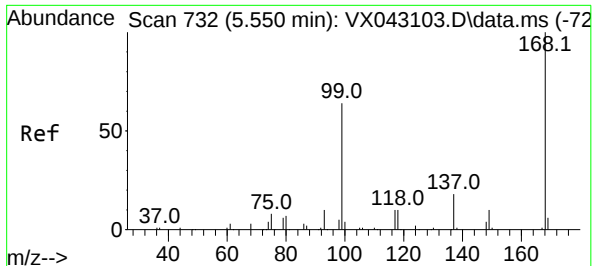
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
Data File : VX043111.D
Acq On : 24 Sep 2024 10:19
Operator : JC/MD
Sample : VX0924WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

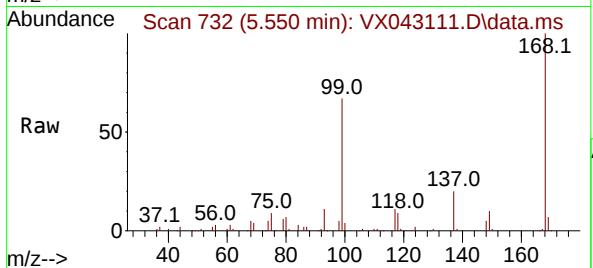
Quant Time: Sep 25 01:21:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



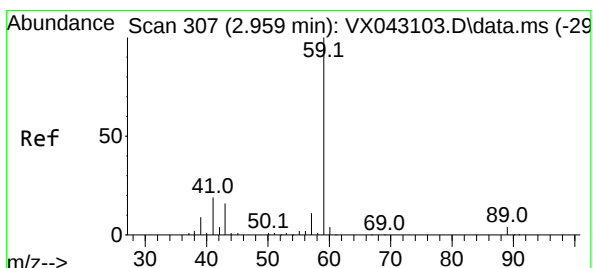
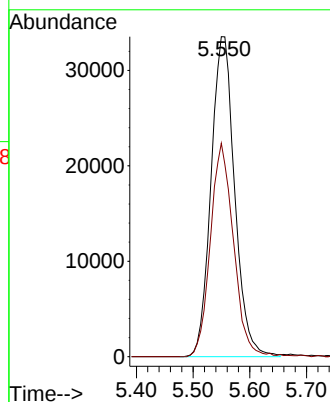
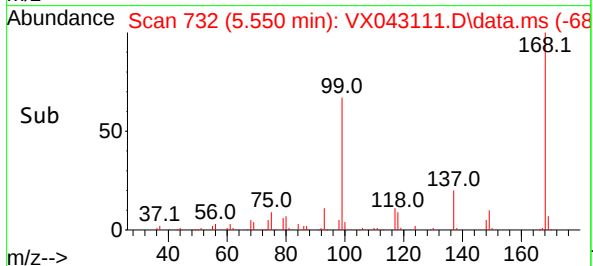


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :

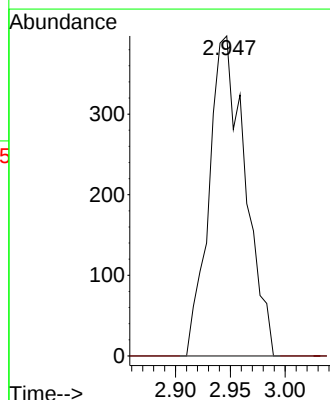
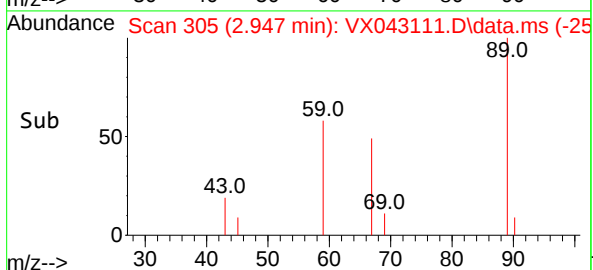
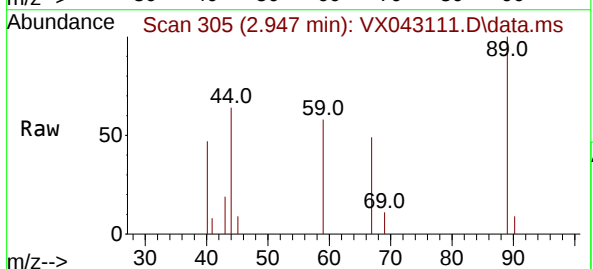


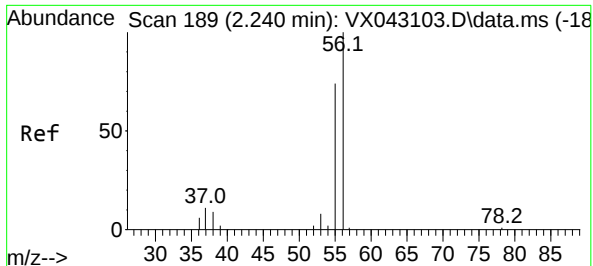
Tgt Ion:168 Resp: 97011
Ion Ratio Lower Upper
168 100
99 66.7 50.8 76.2



#11
Tert butyl alcohol
Concen: 2.524 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 59 Resp: 908
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

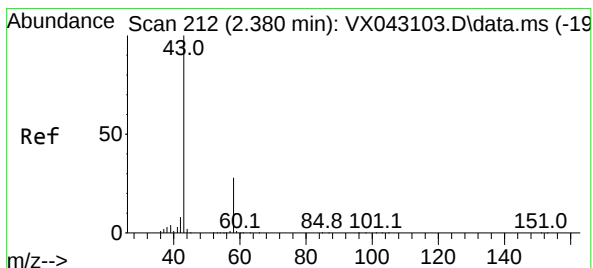
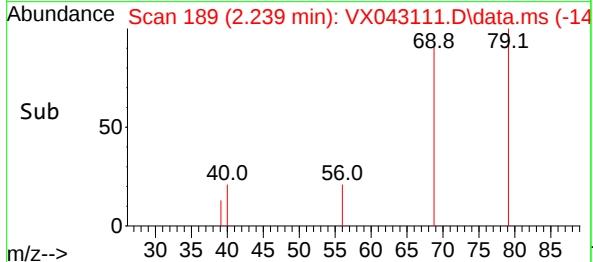
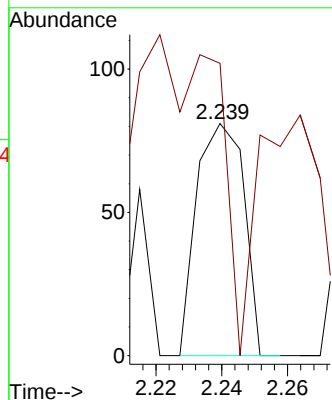
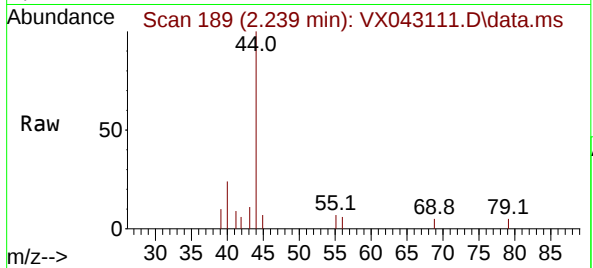




#13
Acrolein
Concen: 1.709 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

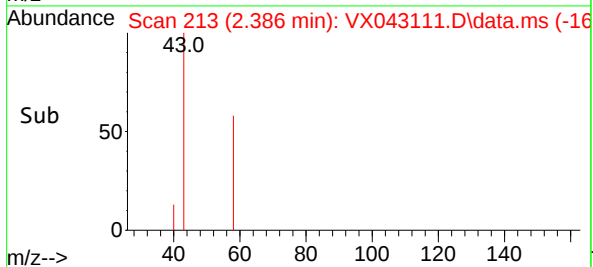
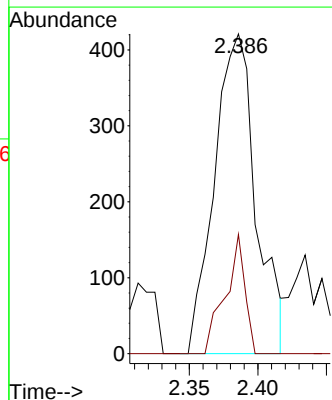
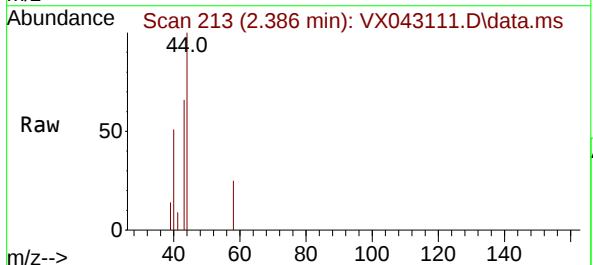
Instrument :
MSVOA_X
ClientSampleId :

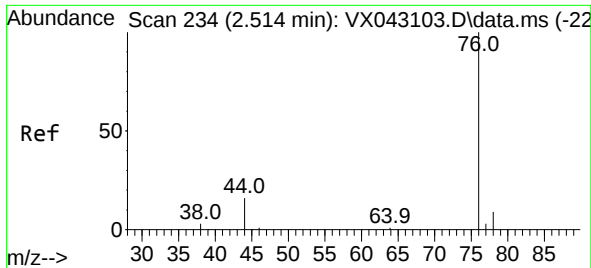
Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#16
Acetone
Concen: 1.181 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

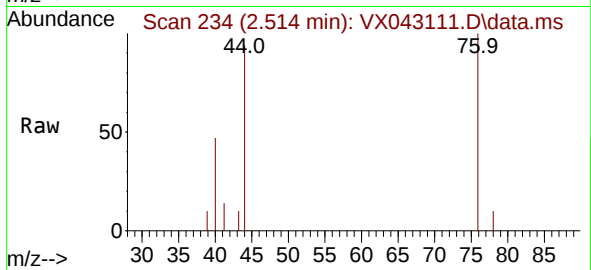
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 37.3 22.6 34.0#



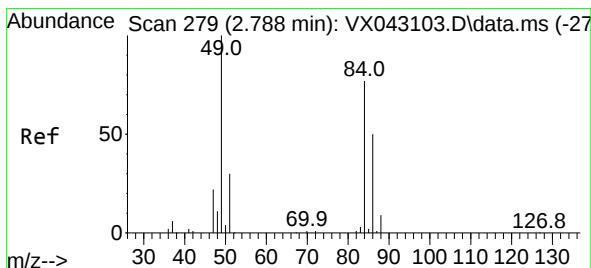
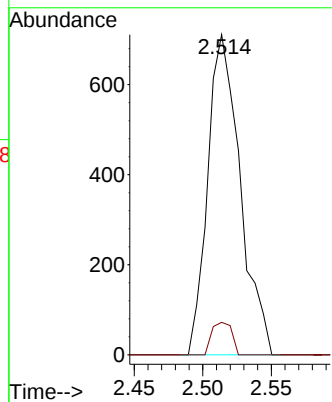
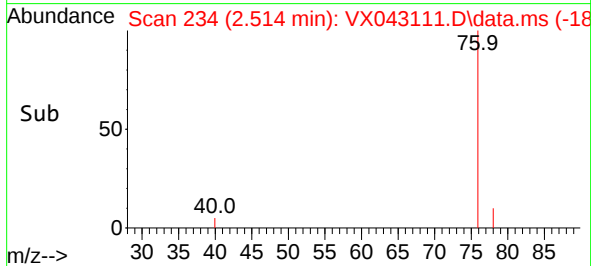


#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :

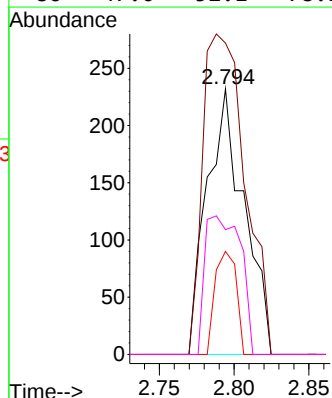
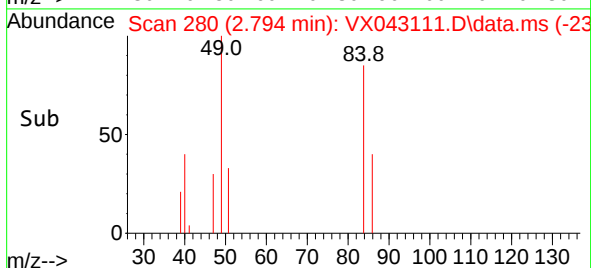
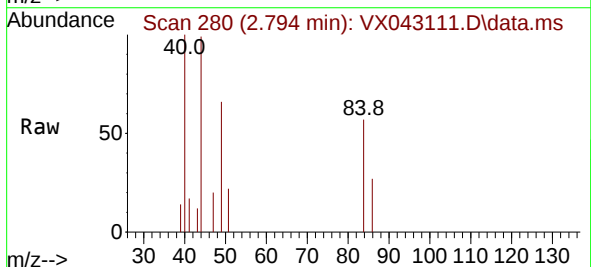


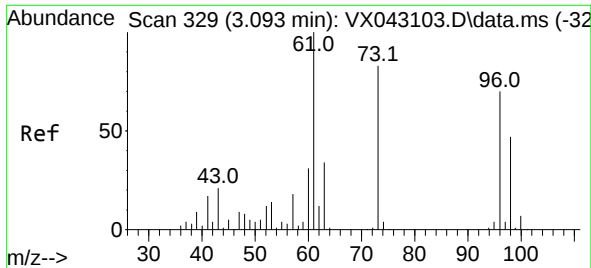
Tgt Ion: 76 Resp: 1170
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 84 Resp: 400
Ion Ratio Lower Upper
84 100
49 117.2 104.1 156.1
51 38.8 31.1 46.7
86 47.0 52.1 78.1#

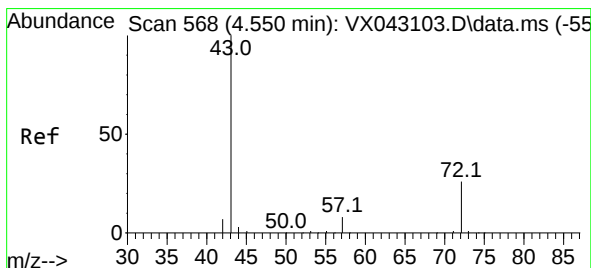
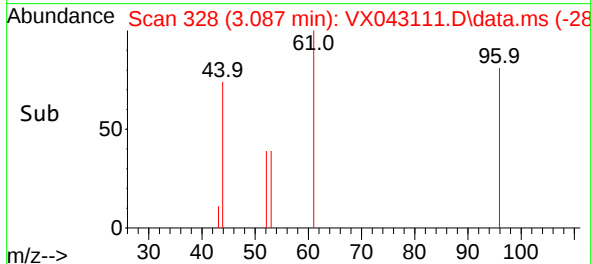
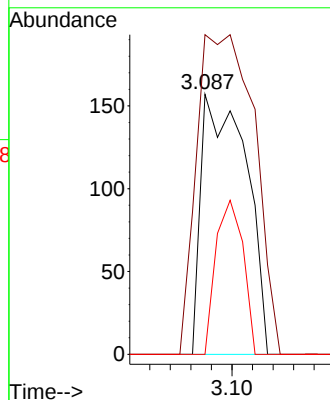
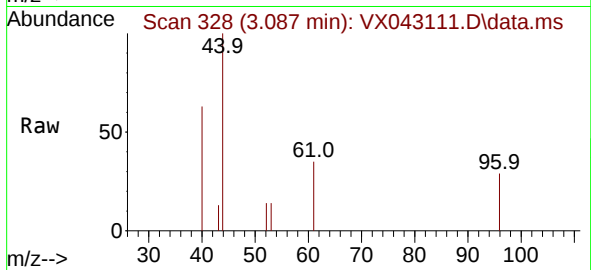




#21
trans-1,2-Dichloroethene
Concen: 0.225 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

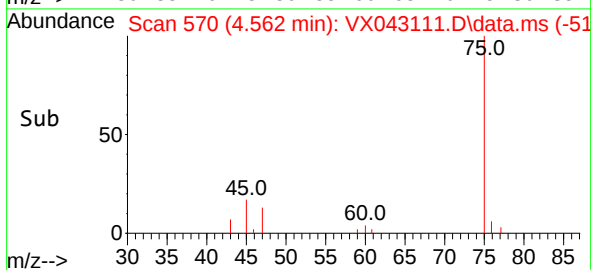
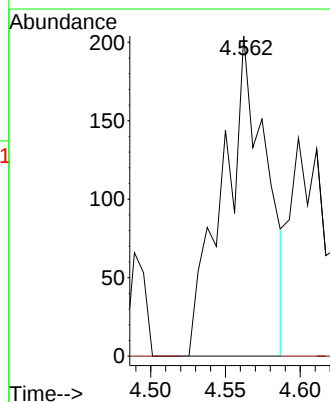
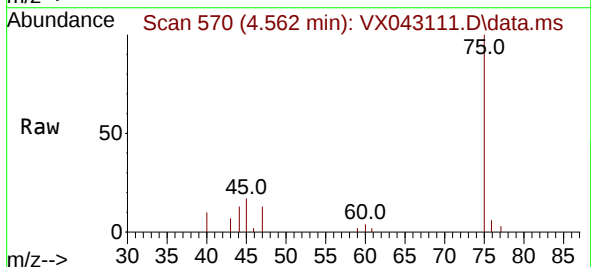
Instrument :
MSVOA_X
ClientSampleId :

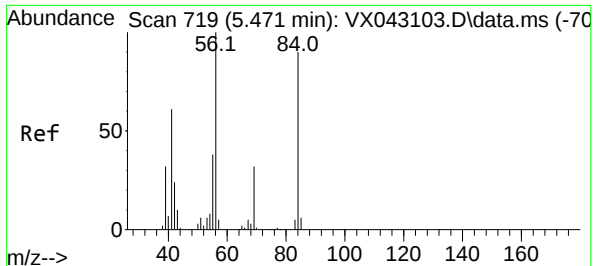
Tgt Ion: 96 Resp: 239
Ion Ratio Lower Upper
96 100
61 122.9 114.5 171.7
98 0.0 53.8 80.6#



#25
2-Butanone
Concen: 0.421 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

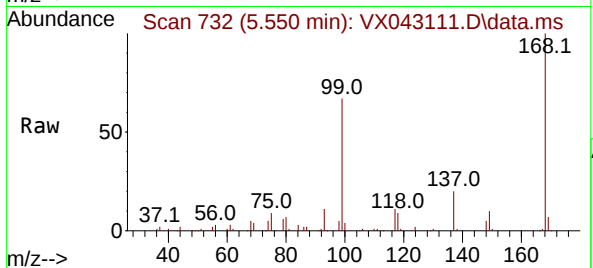
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



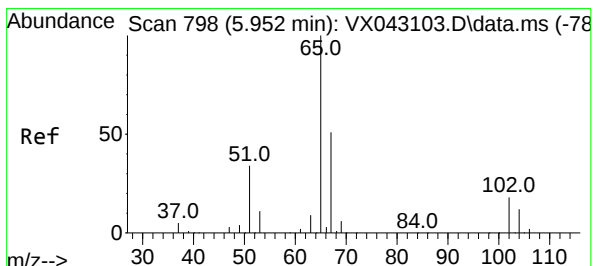
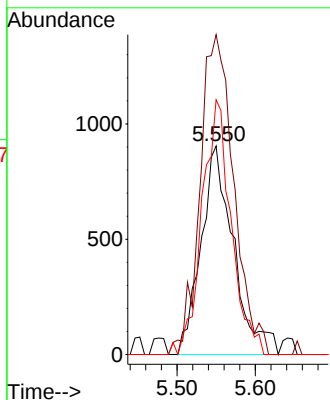
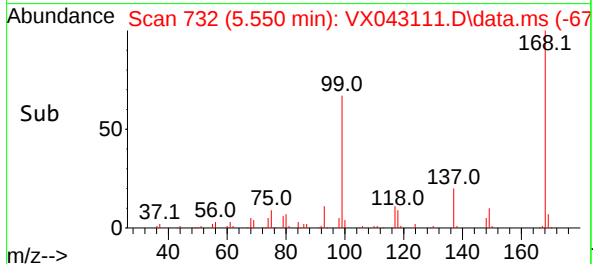


#31
Cyclohexane
Concen: 1.647 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :

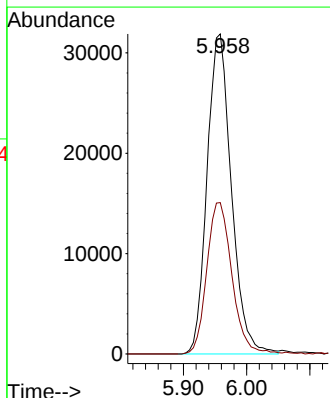
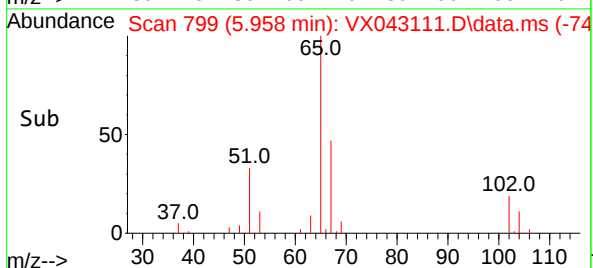
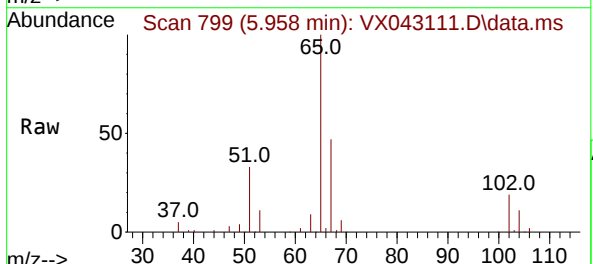


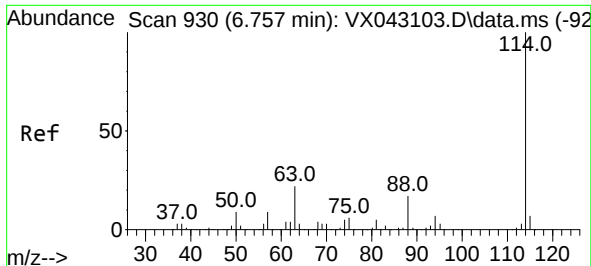
Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 153.4 25.8 38.6#
84 122.2 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 52.801 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 65 Resp: 85083
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

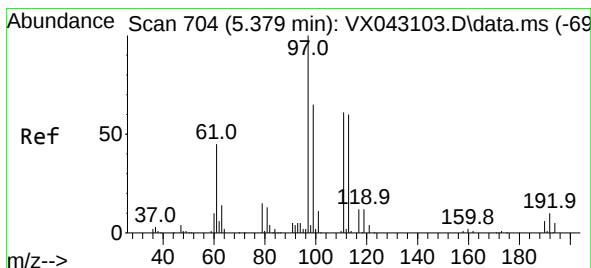
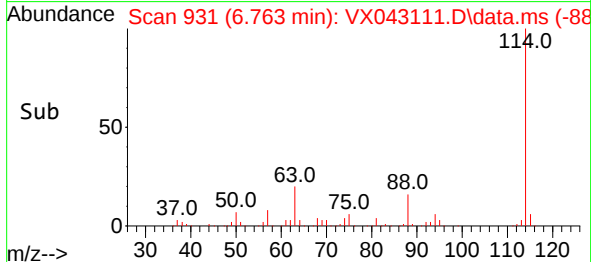
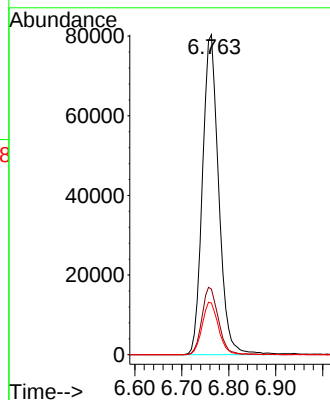
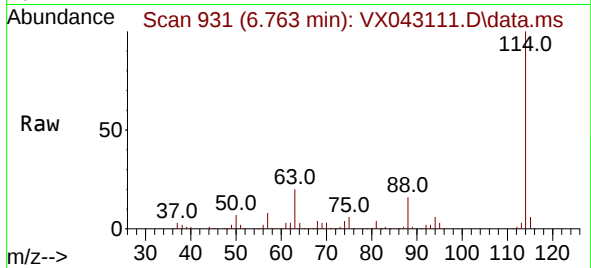




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VX043111.D
 Acq: 24 Sep 2024 10:19

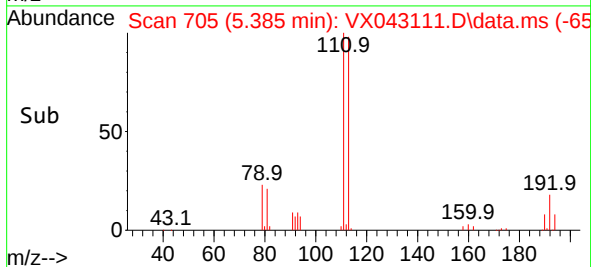
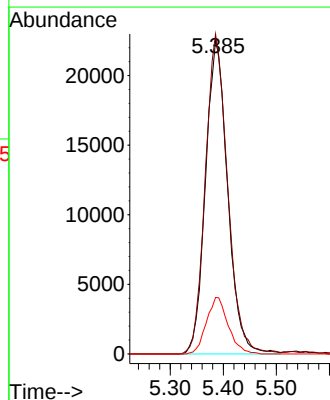
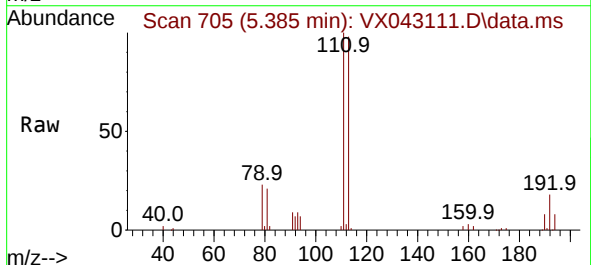
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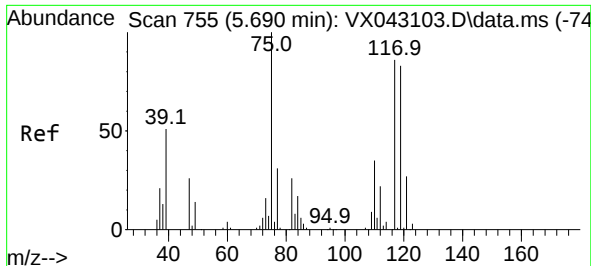
Tgt Ion:114 Resp: 192659
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 16.1 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 48.058 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX043111.D
 Acq: 24 Sep 2024 10:19

Tgt Ion:113 Resp: 65314
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 124.0
 192 17.7 14.6 22.0

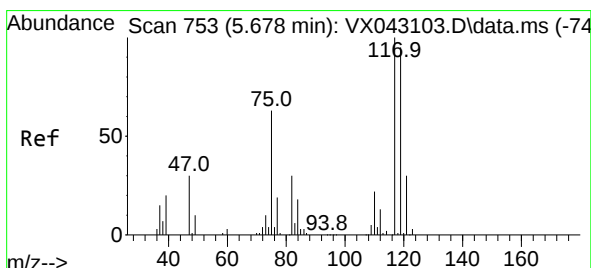
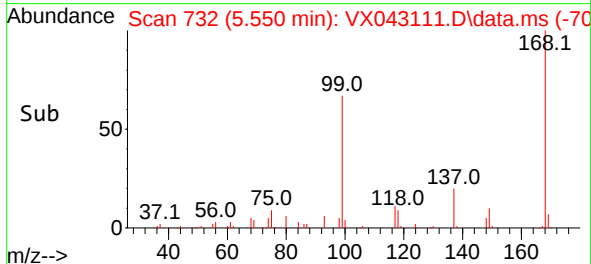
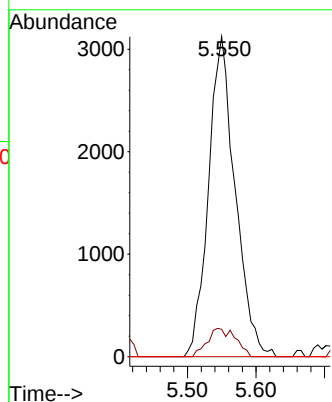
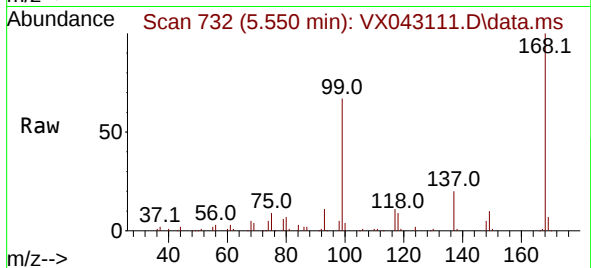




#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

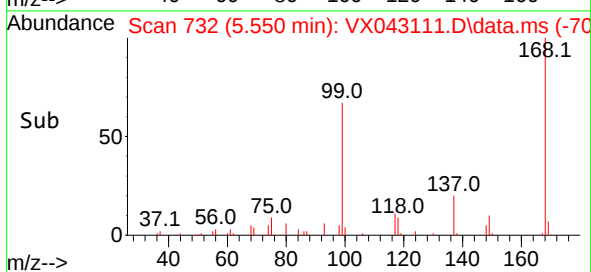
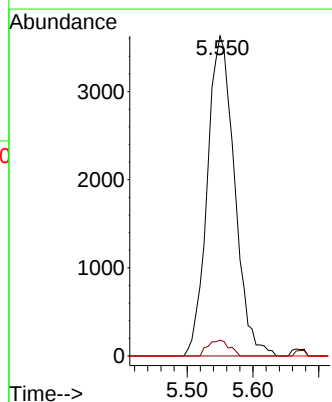
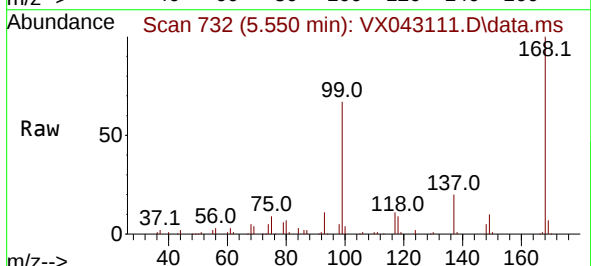
Instrument :
MSVOA_X
ClientSampleId :

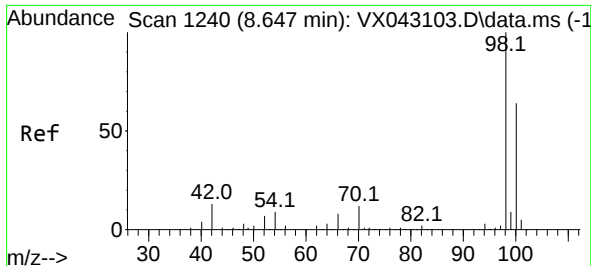
Tgt Ion: 75 Resp: 8453
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.865 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 117 Resp: 10466
Ion Ratio Lower Upper
117 100
119 4.9 75.5 113.3#
121 0.0 24.2 36.2#

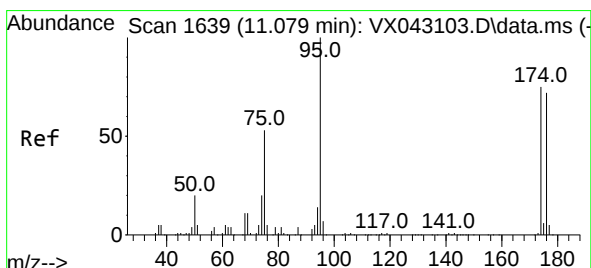
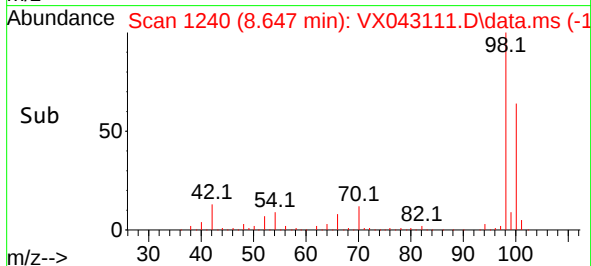
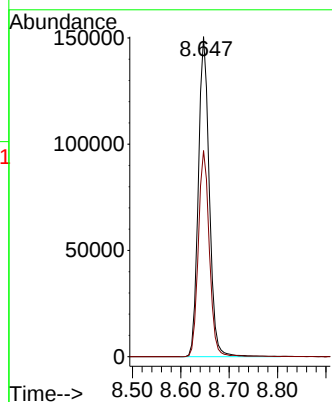
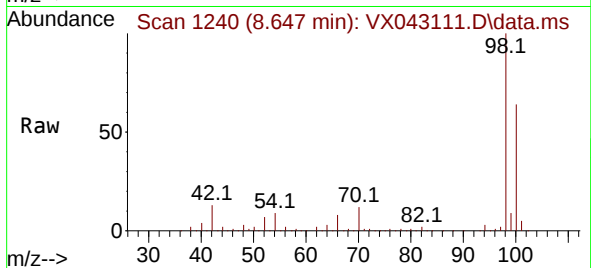




#50
Toluene-d8
Concen: 51.384 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

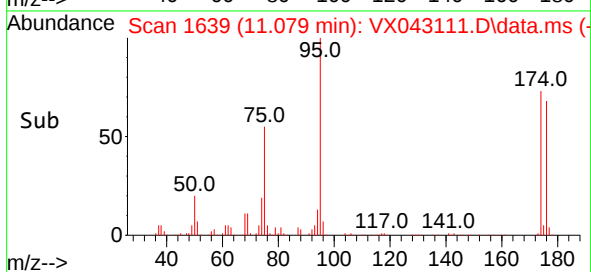
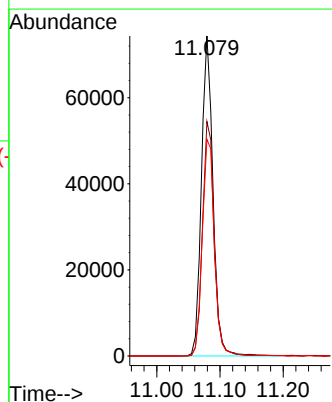
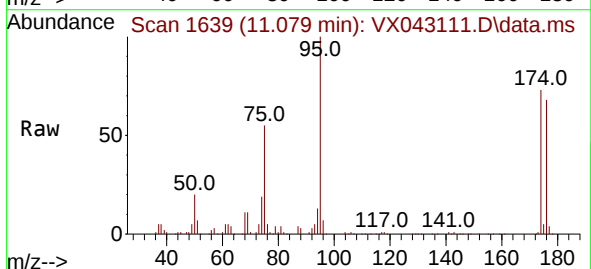
Instrument :
MSVOA_X
ClientSampleId :

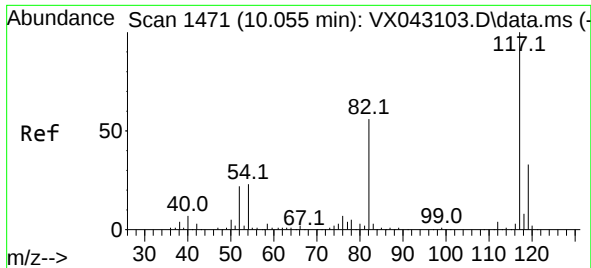
Tgt Ion: 98 Resp: 236266
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 95 Resp: 94524
Ion Ratio Lower Upper
95 100
174 74.0 0.0 146.0
176 71.1 0.0 142.6

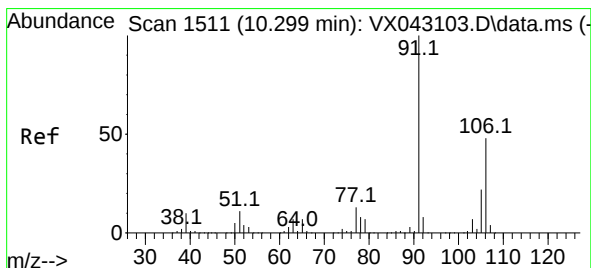
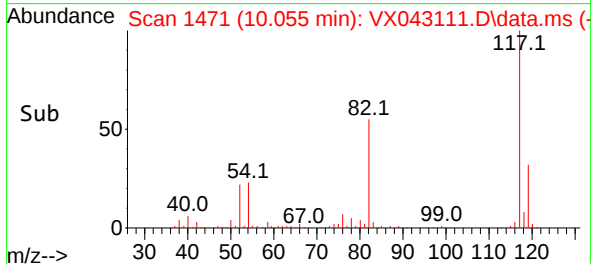
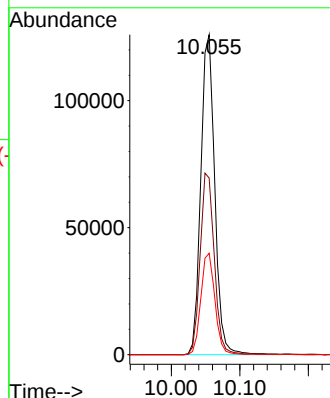
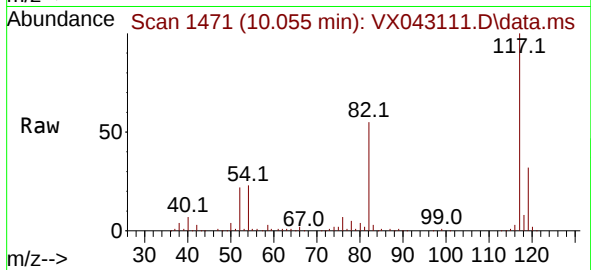




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

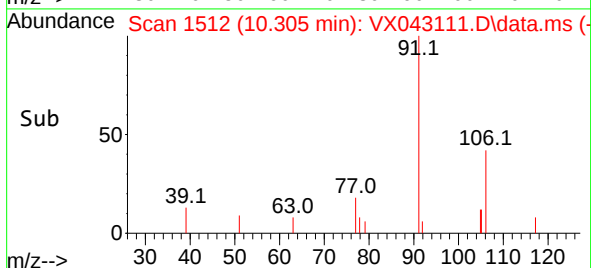
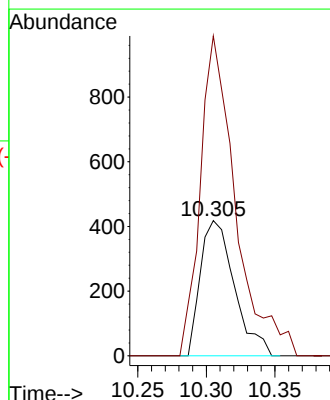
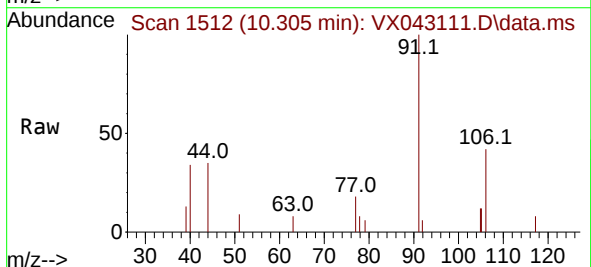
Instrument :
MSVOA_X
ClientSampleId :

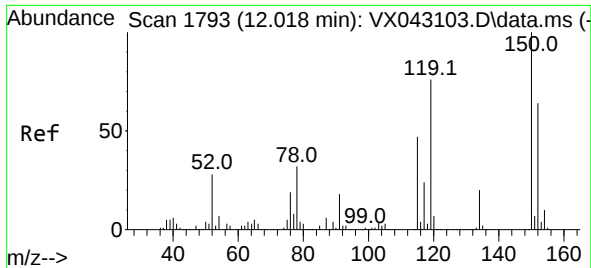
Tgt Ion:117 Resp: 179108
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 31.7 26.3 39.5



#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion:106 Resp: 722
Ion Ratio Lower Upper
106 100
91 245.4 167.5 251.3

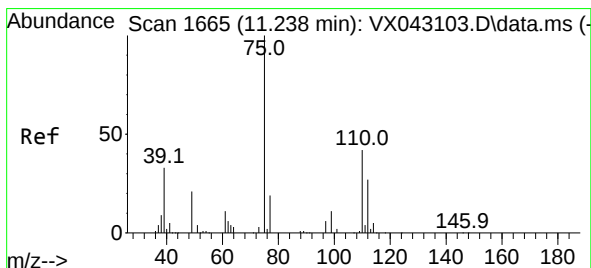
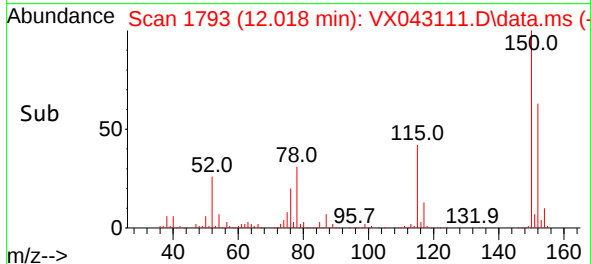
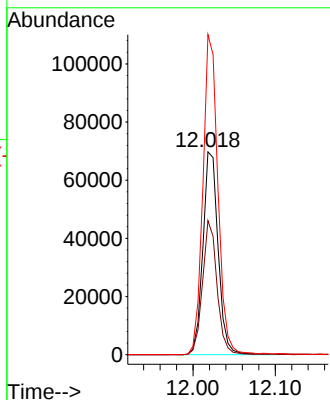
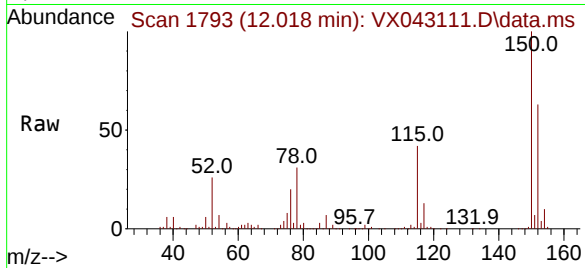




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043111.D
 Acq: 24 Sep 2024 10:19

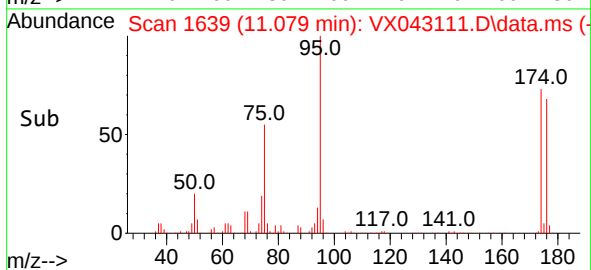
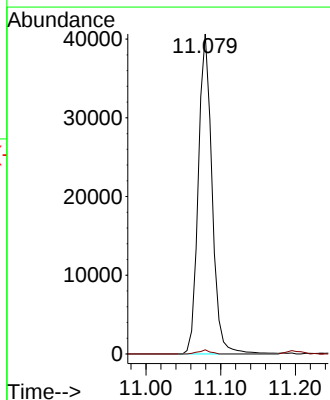
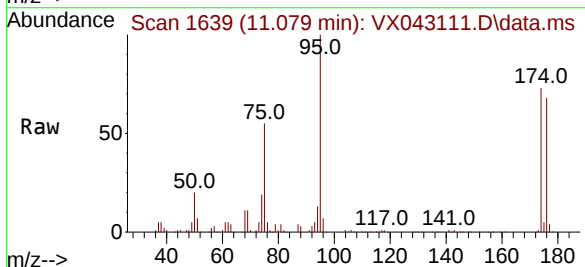
Instrument :
 MSVOA_X
 ClientSampleId :

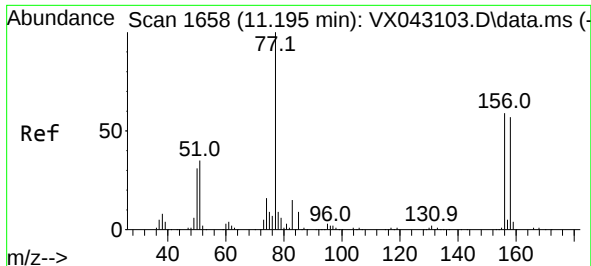
Tgt Ion:152 Resp: 89930
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.7 131.1
 150 155.8 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 27.163 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043111.D
 Acq: 24 Sep 2024 10:19

Tgt Ion: 75 Resp: 51935
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.9 65.7#

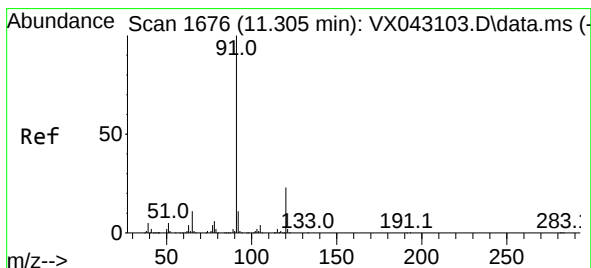
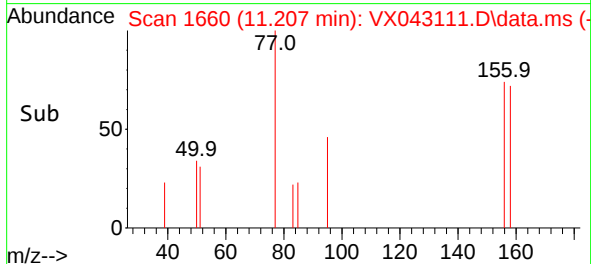
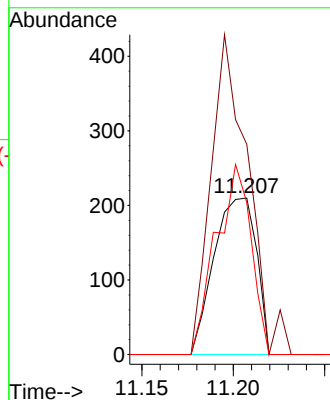
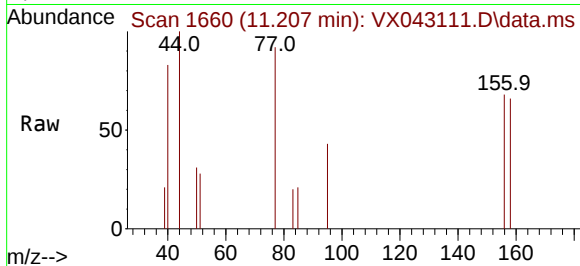




#77
Bromobenzene
Concen: 0.209 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

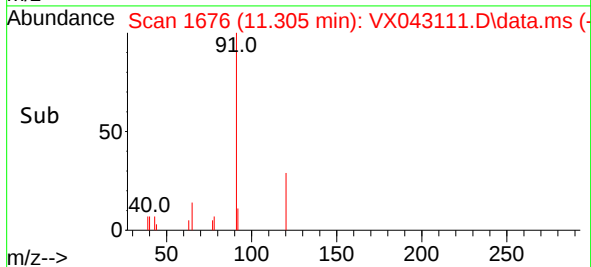
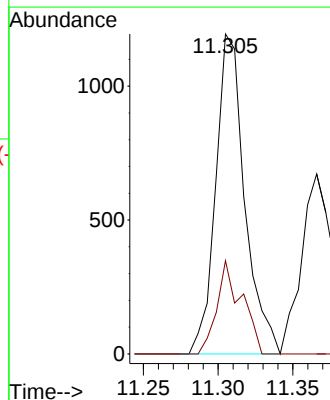
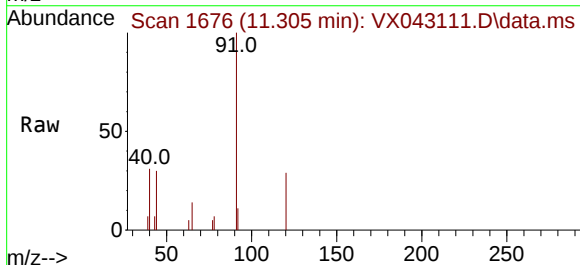
Instrument :
MSVOA_X
ClientSampleId :

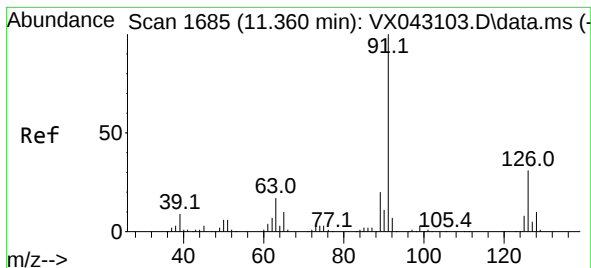
Tgt Ion:156 Resp: 338
Ion Ratio Lower Upper
156 100
77 178.1 82.5 247.3
158 100.3 48.2 144.6



#78
n-propylbenzene
Concen: 0.211 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 91 Resp: 1613
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.212 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VX043111.D

Acq: 24 Sep 2024 10:19

Instrument :

MSVOA_X

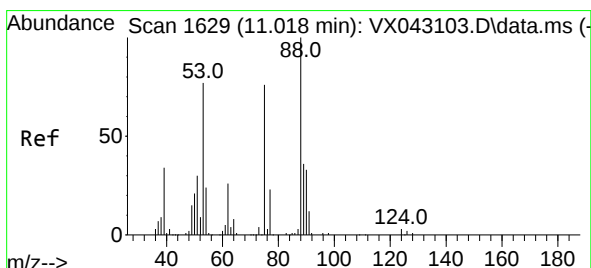
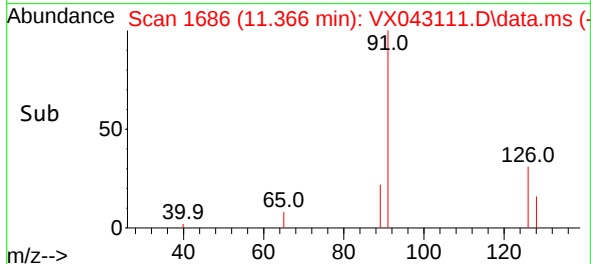
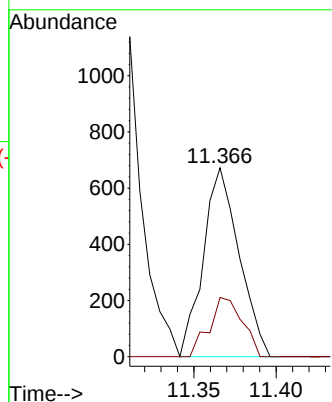
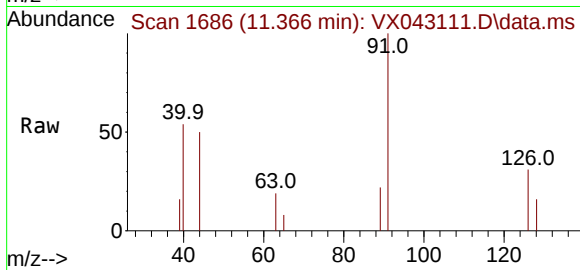
ClientSampleId :

Tgt Ion: 91 Resp: 1017

Ion Ratio Lower Upper

91 100

126 29.1 16.4 49.1



#81

trans-1,4-Dichloro-2-butene

Concen: 64.718 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043111.D

Acq: 24 Sep 2024 10:19

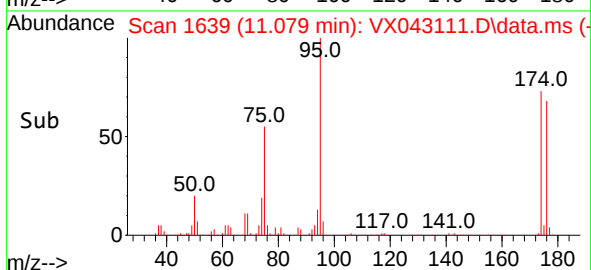
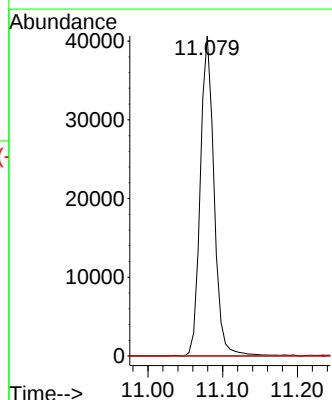
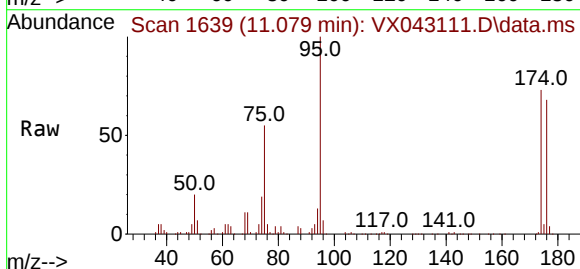
Tgt Ion: 75 Resp: 51935

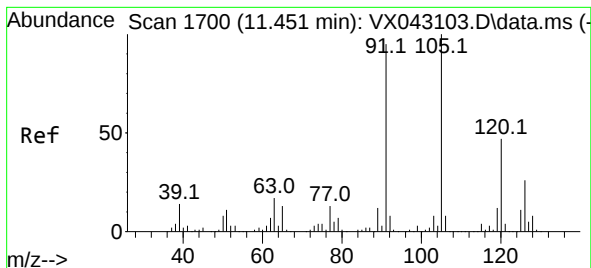
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.273 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.012 min

Lab File: VX043111.D

Acq: 24 Sep 2024 10:19

Instrument :

MSVOA_X

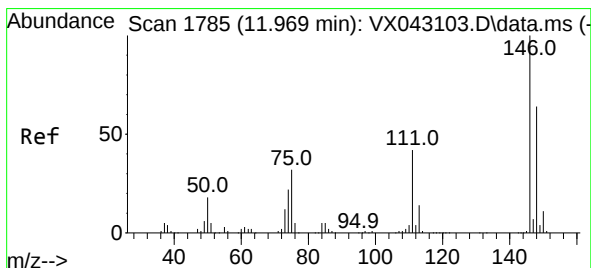
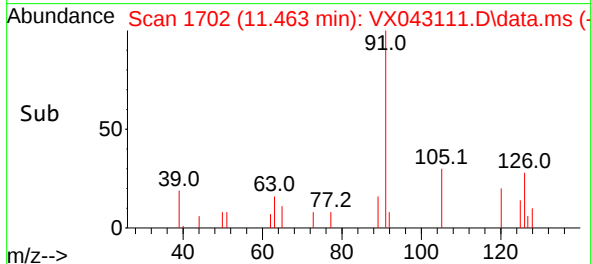
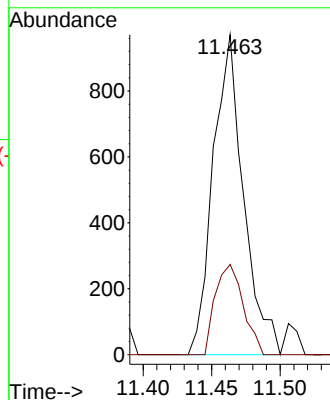
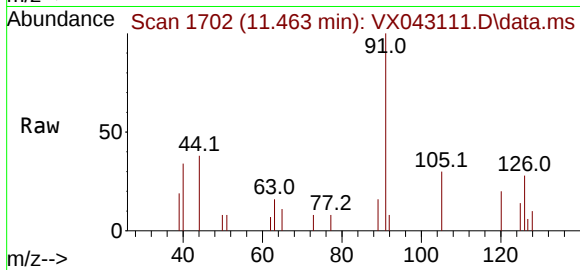
ClientSampleId :

Tgt Ion: 91 Resp: 1497

Ion Ratio Lower Upper

91 100

126 25.9 14.1 42.4



#87

1,3-Dichlorobenzene

Concen: 0.358 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043111.D

Acq: 24 Sep 2024 10:19

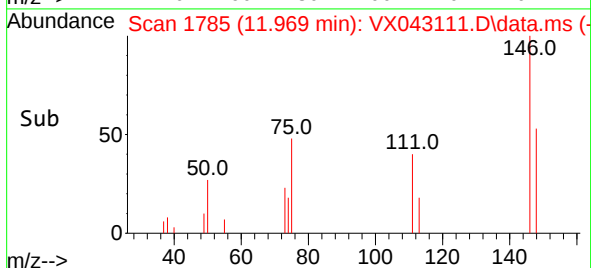
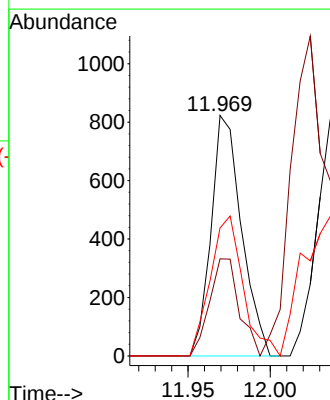
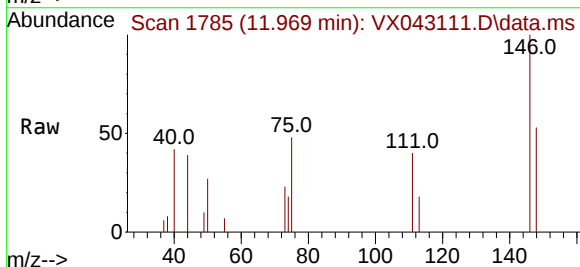
Tgt Ion: 146 Resp: 1058

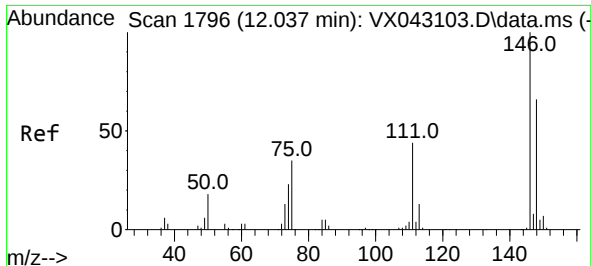
Ion Ratio Lower Upper

146 100

111 39.3 21.6 64.6

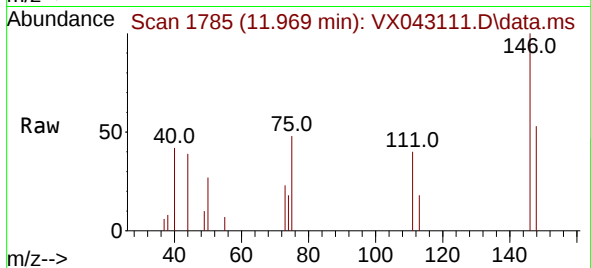
148 62.5 31.9 95.5



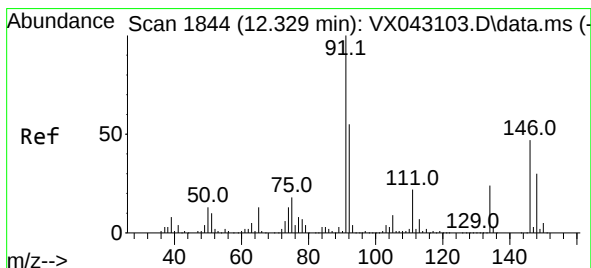
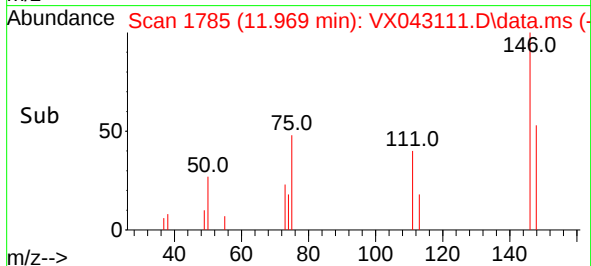
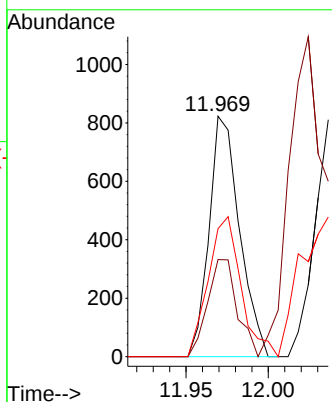


#88
1,4-Dichlorobenzene
Concen: 0.357 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :

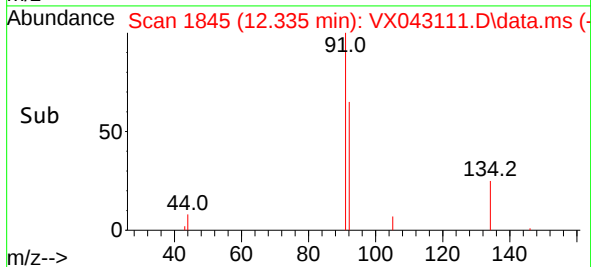
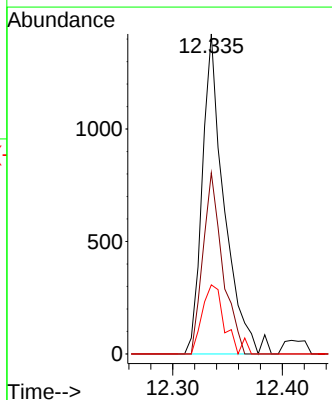
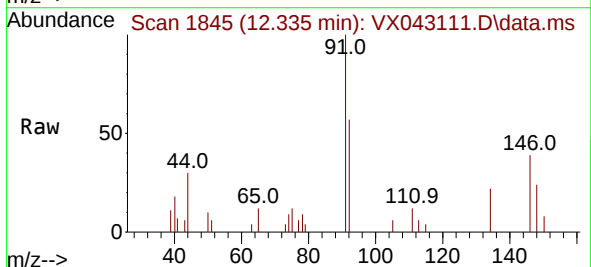


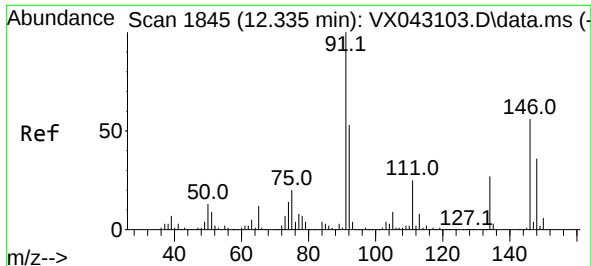
Tgt Ion:146 Resp: 1058
Ion Ratio Lower Upper
146 100
111 39.3 21.2 63.6
148 62.5 32.6 98.0



#89
n-Butylbenzene
Concen: 0.386 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

Tgt Ion: 91 Resp: 1972
Ion Ratio Lower Upper
91 100
92 50.8 26.9 80.7
134 22.3 12.6 37.6

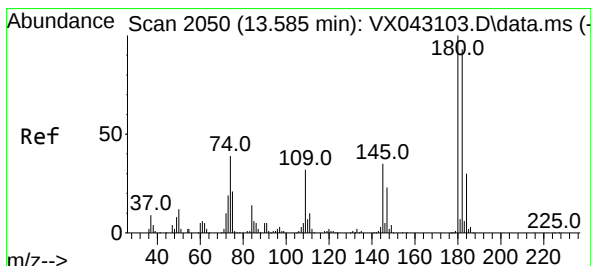
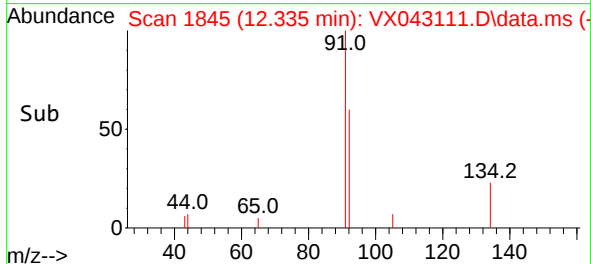
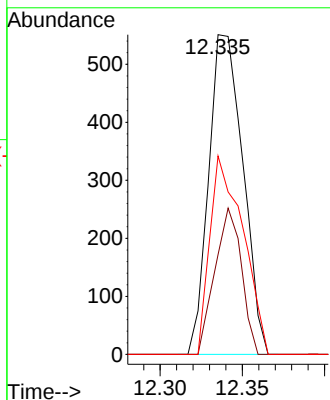
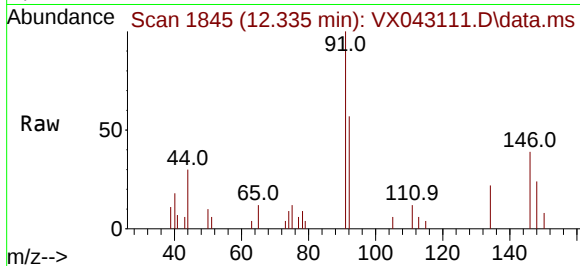




#91
1,2-Dichlorobenzene
Concen: 0.275 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

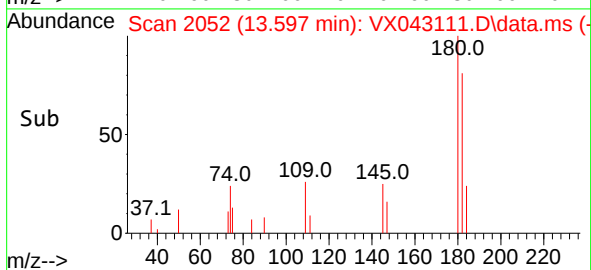
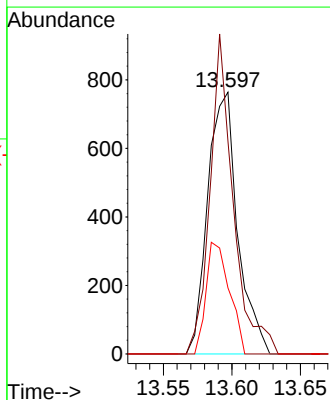
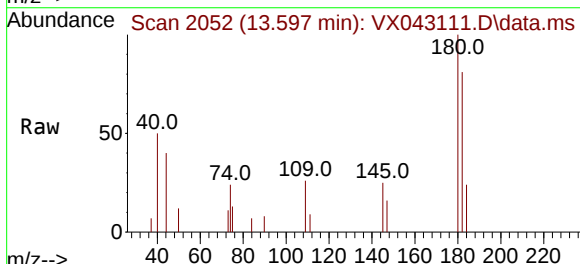
Instrument :
MSVOA_X
ClientSampleId :

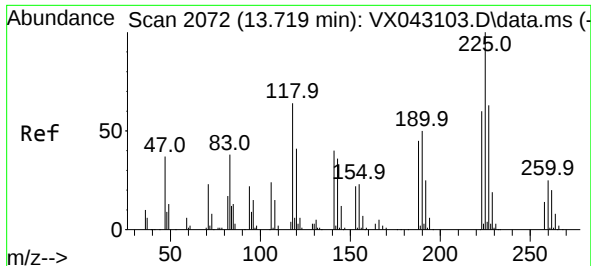
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	22.6	67.8
148	59.9	32.0	96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.644 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

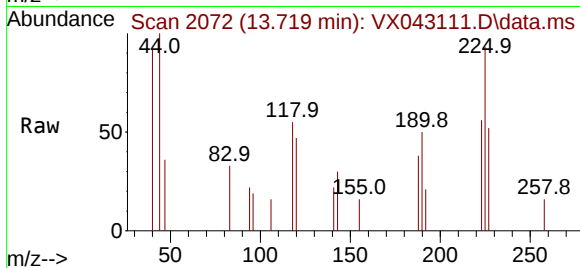
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.7	140.0
145	33.2	17.0	50.9



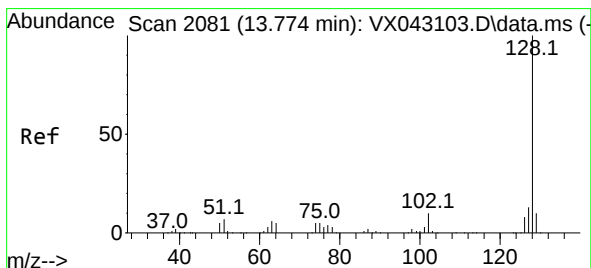
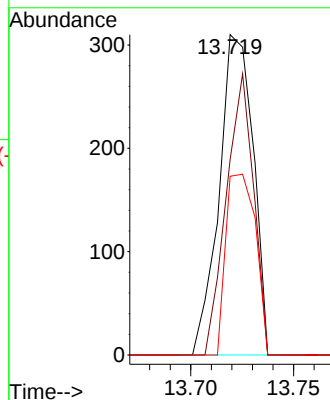
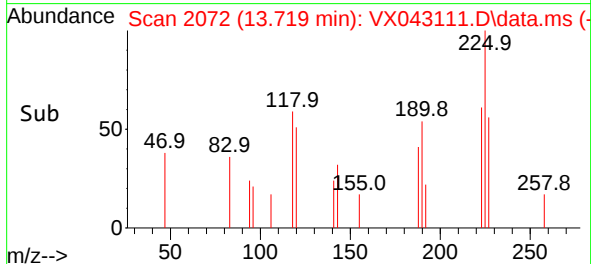


#94
Hexachlorobutadiene
Concen: 0.471 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19

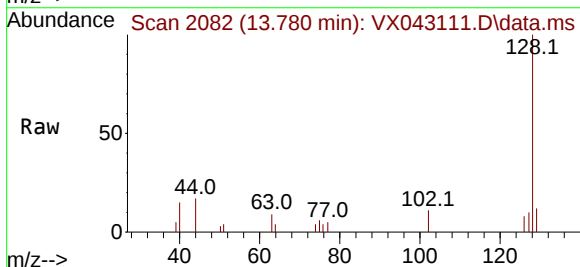
Instrument :
MSVOA_X
ClientSampleId :



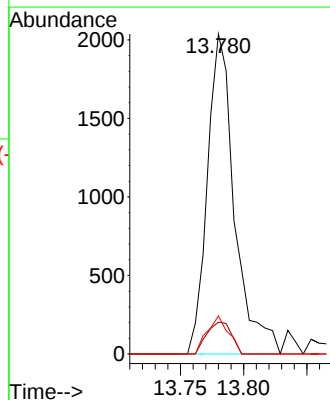
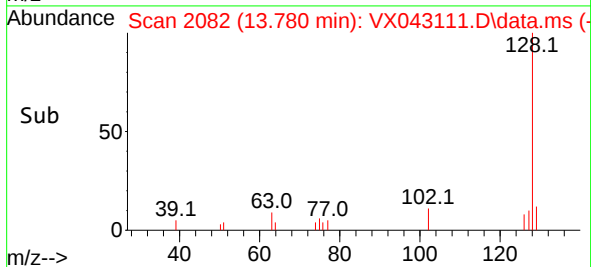
Tgt Ion:	225	Resp:	357
Ion	Ratio	Lower	Upper
225	100		
223	70.0	31.8	95.4
227	49.3	31.9	95.7

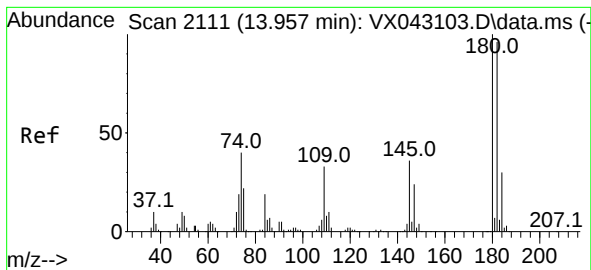


#95
Naphthalene
Concen: 0.485 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043111.D
Acq: 24 Sep 2024 10:19



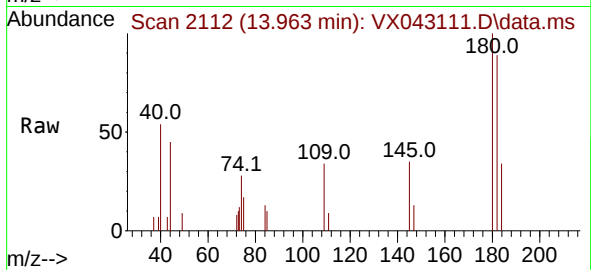
Tgt Ion:	128	Resp:	3041
Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.2	15.4#
129	9.3	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.565 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX043111.D
 Acq: 24 Sep 2024 10:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1011
Ion	Ratio	Lower	Upper
180	100		
182	85.8	47.8	143.4
145	32.0	17.7	53.1

