

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025811.D
 Acq On : 15 Dec 2021 13:38
 Operator : JC/MD
 Sample : VX1216MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216MBL01

Quant Time: Dec 16 07:28:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

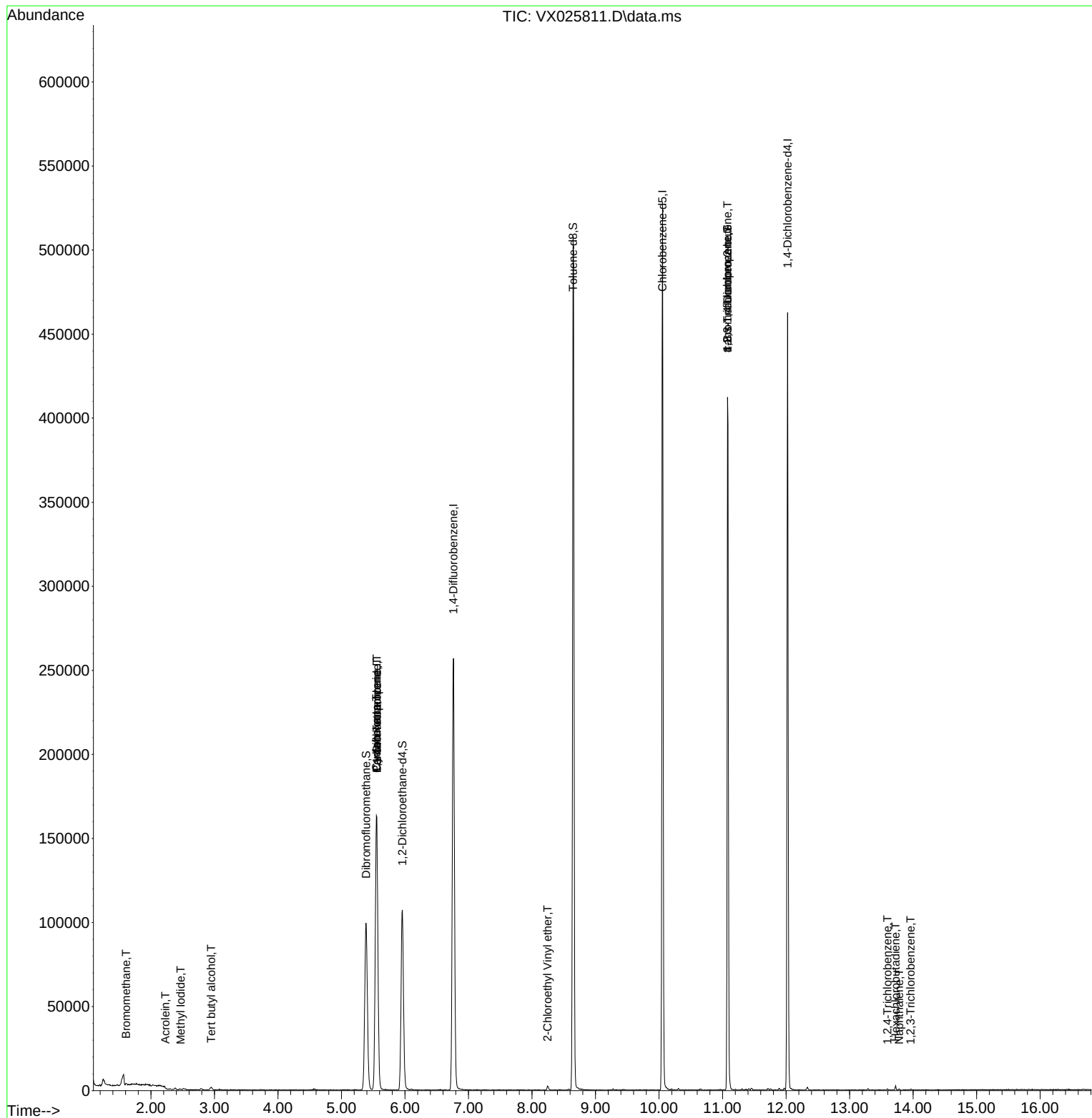
Internal Standards						
1) Pentafluorobenzene	5.556	168	155845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102201	45.578	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.160%		
35) Dibromofluoromethane	5.385	113	86340	46.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	8.647	98	306812	45.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.240%#		
62) 4-Bromofluorobenzene	11.079	95	111450	43.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.240%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	388	0.281	ug/l	83
10) Methyl Iodide	2.465	142	463	0.219	ug/l #	85
11) Tert butyl alcohol	2.946	59	1123	2.497	ug/l #	73
13) Acrolein	2.227	56	132	0.429	ug/l #	82
16) Acetone	2.380	43	956	Below Cal		99
20) Methylene Chloride	2.788	84	401	Below Cal #		73
31) Cyclohexane	5.550	56	3364	1.234	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	12001	4.794	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16581	5.693	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.244	63	1128	16.375	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	57754	26.745	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57754	82.916	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.597	180	285	3.512	ug/l #	81
94) Hexachlorobutadiene	13.725	225	434	0.654	ug/l	84
95) Naphthalene	13.780	128	567	2.495	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	229	3.109	ug/l #	82

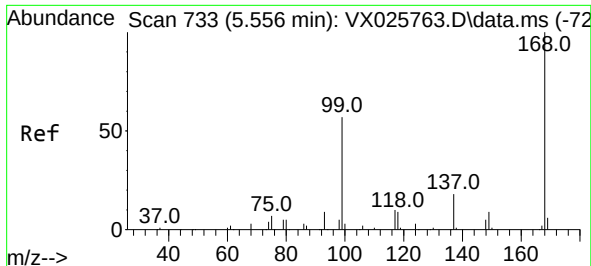
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
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QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

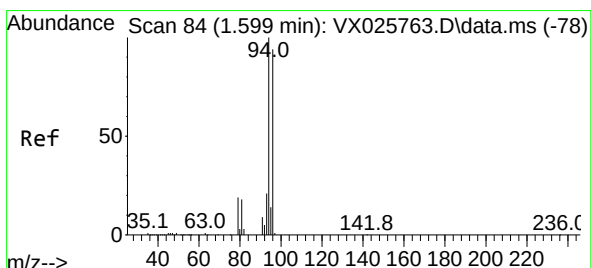
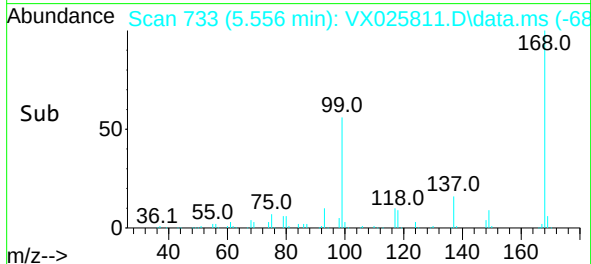
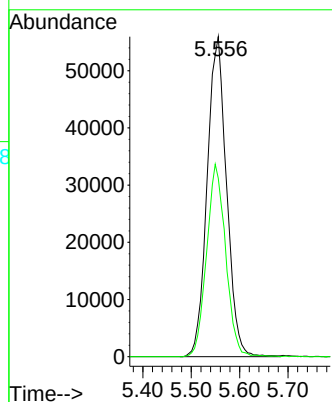
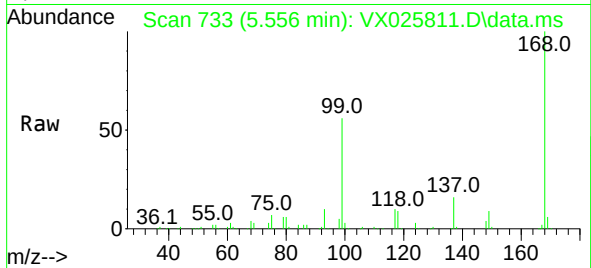




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

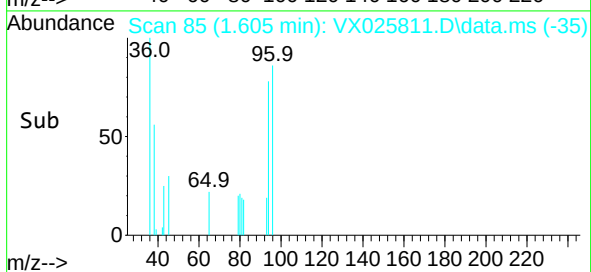
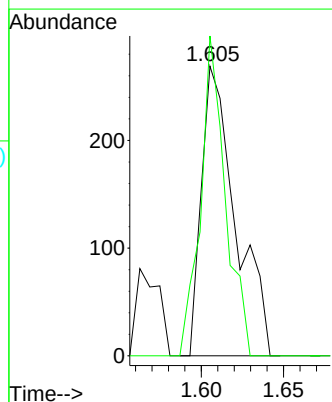
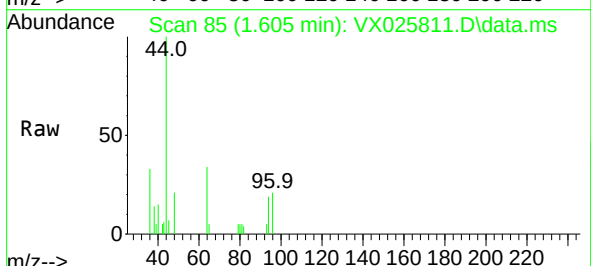
Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

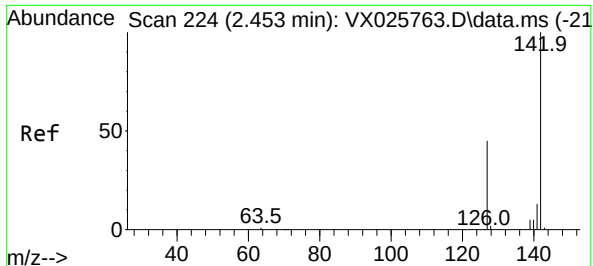
Tgt Ion:168 Resp: 155845
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.8



#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

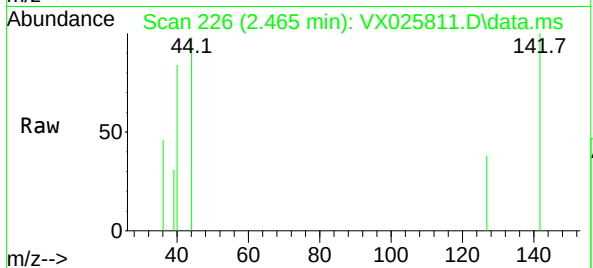
Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 110.4 75.0 112.4



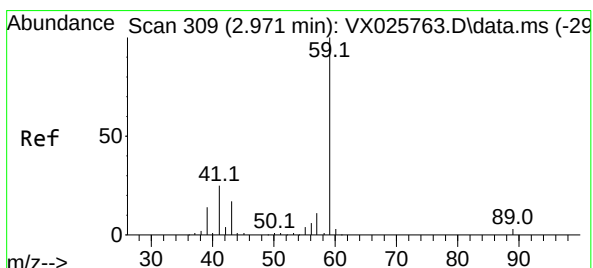
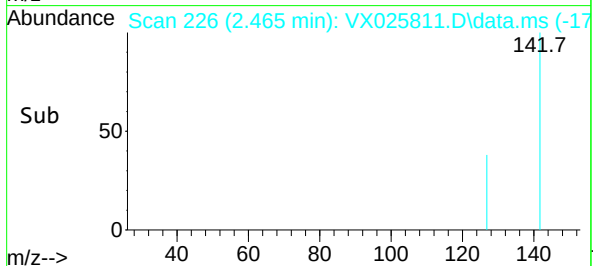
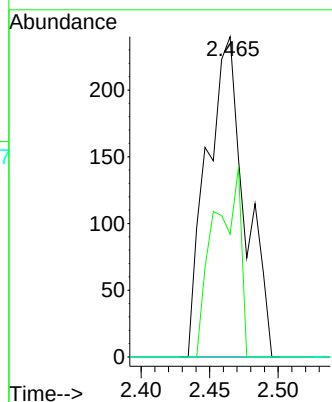


#10
Methyl Iodide
Concen: 0.219 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

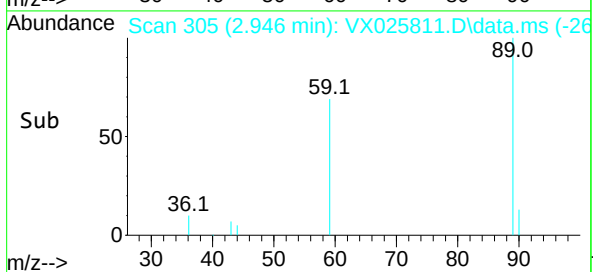
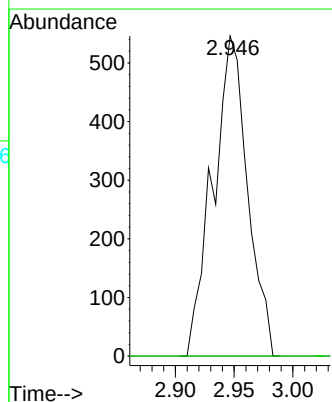
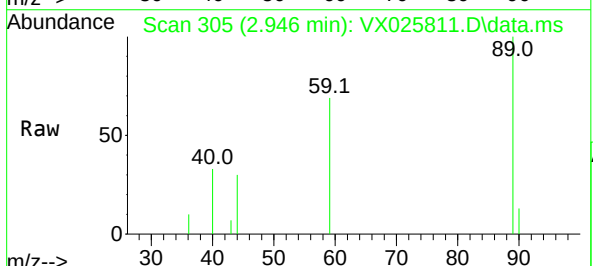


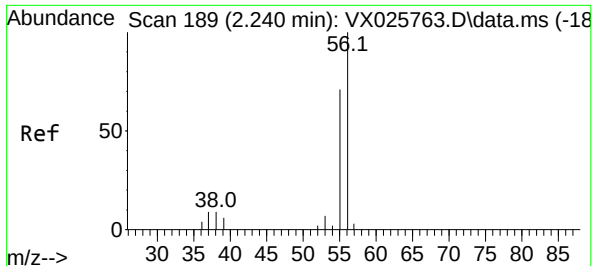
Tgt Ion:142 Resp: 463
Ion Ratio Lower Upper
142 100
127 40.8 37.5 56.3
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.497 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion: 59 Resp: 1123
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

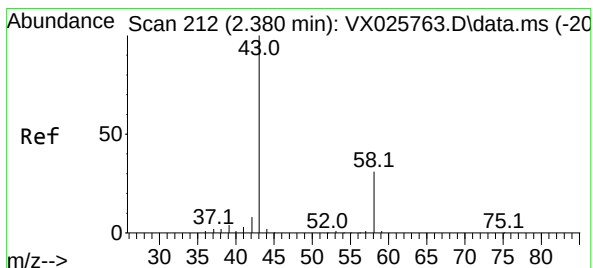
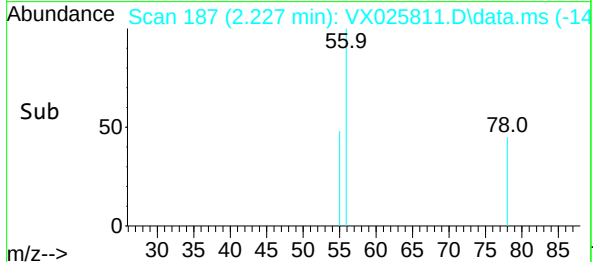
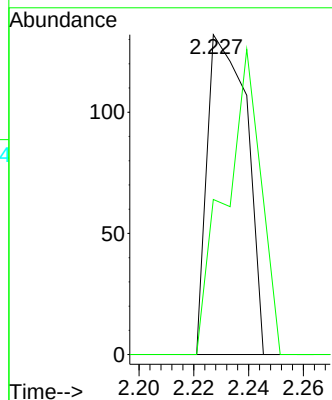
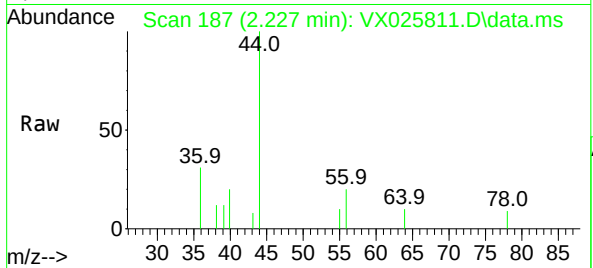




#13
Acrolein
Concen: 0.429 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

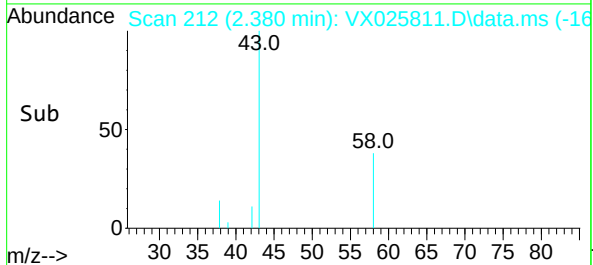
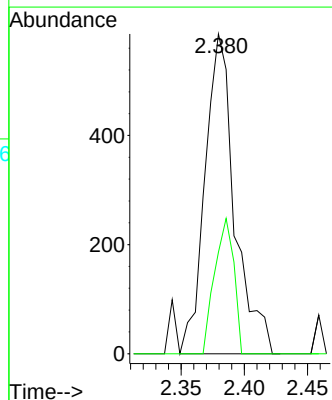
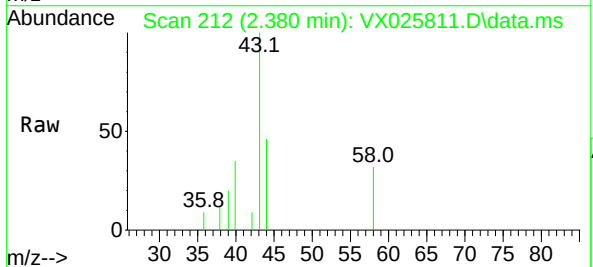
Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

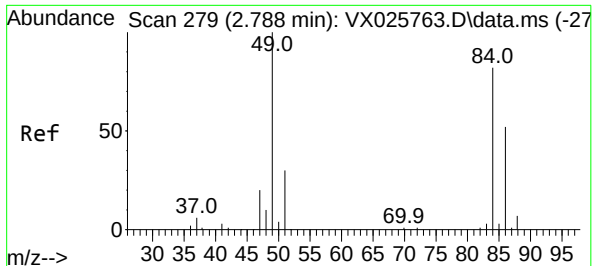
Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 87.1 57.4 86.2#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 31.7 24.8 37.2

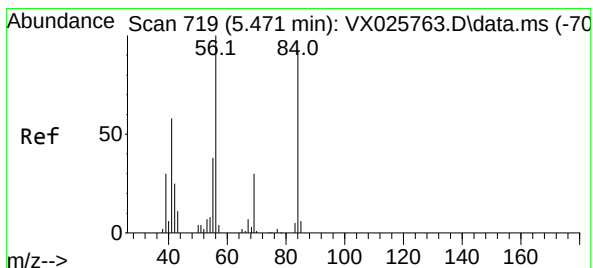
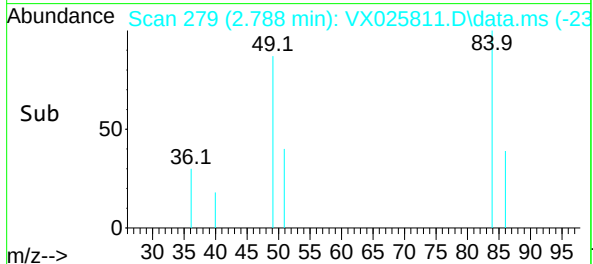
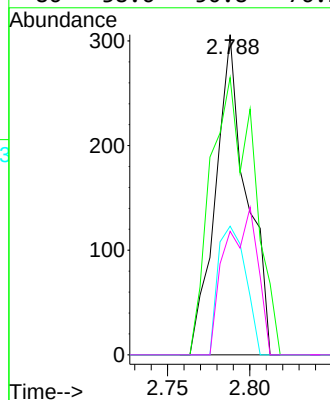
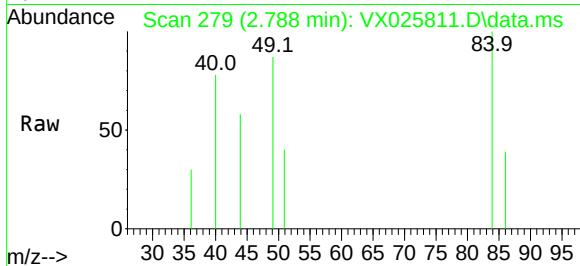




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

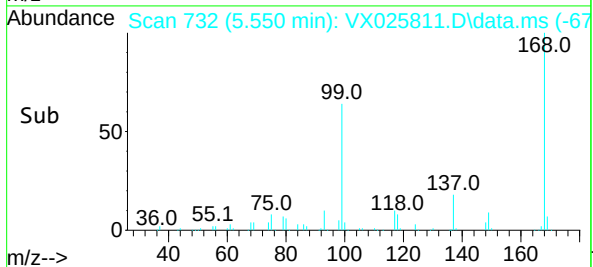
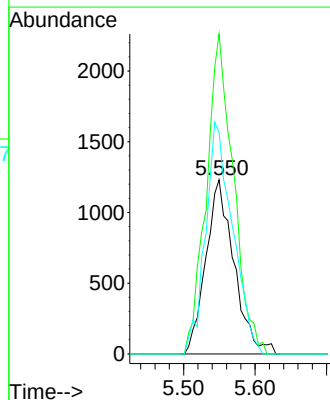
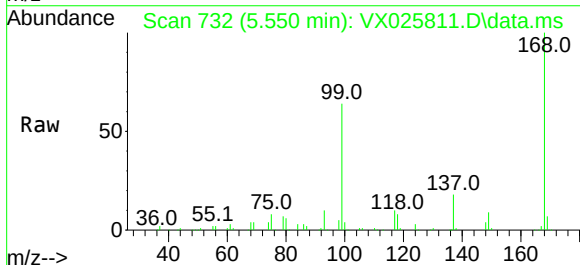
Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

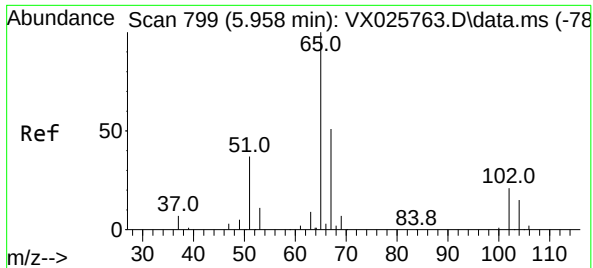
Tgt Ion:	84	Resp:	401
Ion	Ratio	Lower	Upper
84	100		
49	86.6	97.1	145.7#
51	40.2	29.3	43.9
86	38.6	50.8	76.2#



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion:	56	Resp:	3364
Ion	Ratio	Lower	Upper
56	100		
69	183.8	23.9	35.9#
84	127.2	73.2	109.8#

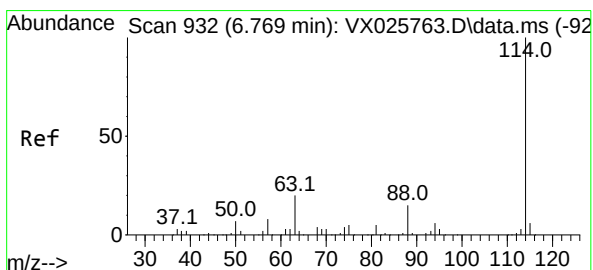
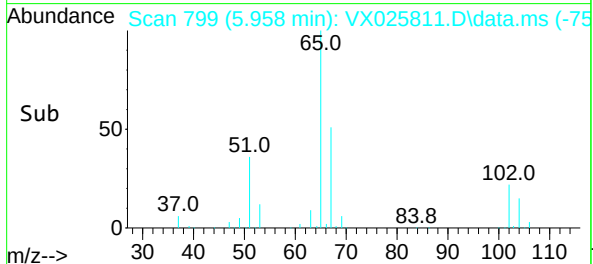
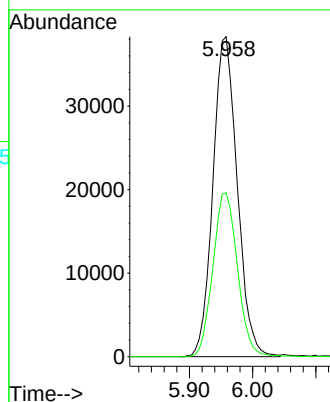
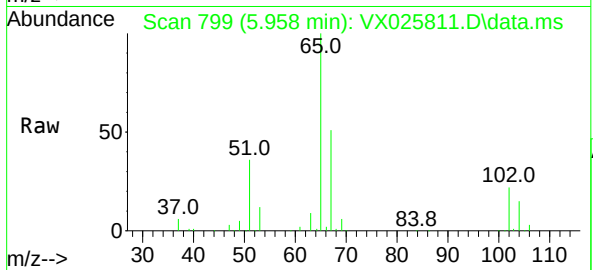




#33
 1,2-Dichloroethane-d4
 Concen: 45.578 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX025811.D
 Acq: 15 Dec 2021 13:38

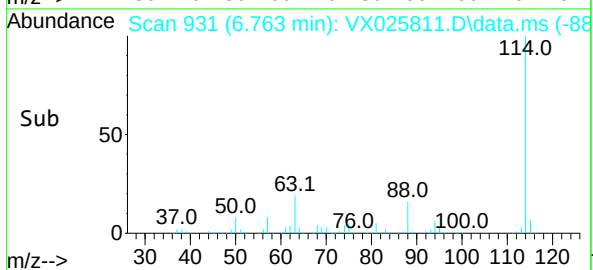
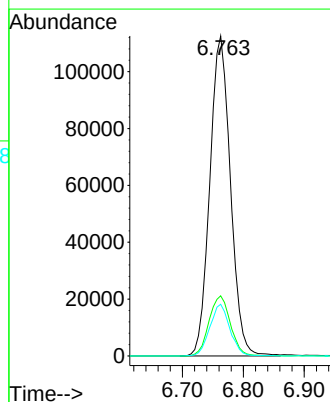
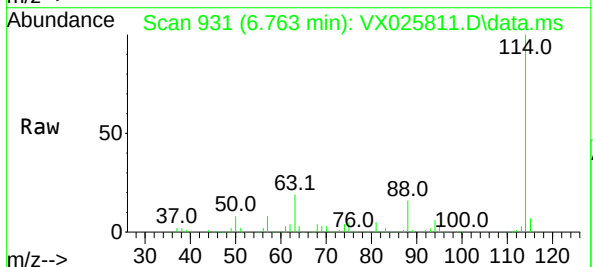
Instrument :
 MSVOA_X
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 VX1216MBL01

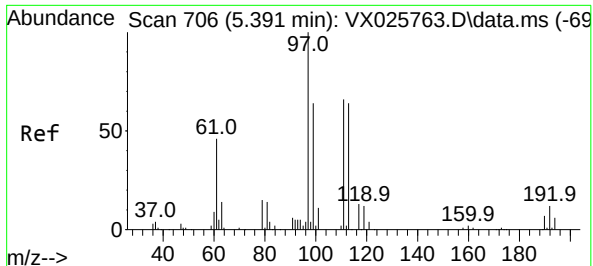
Tgt Ion: 65 Resp: 102201
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX025811.D
 Acq: 15 Dec 2021 13:38

Tgt Ion: 114 Resp: 264697
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.771 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX025811.D

Acq: 15 Dec 2021 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1216MBL01

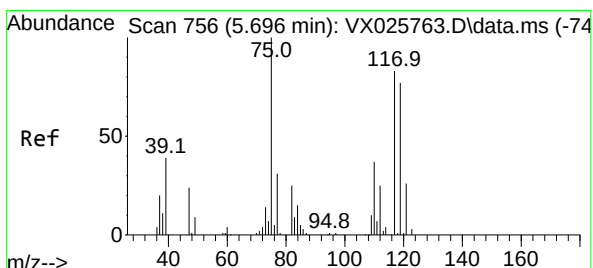
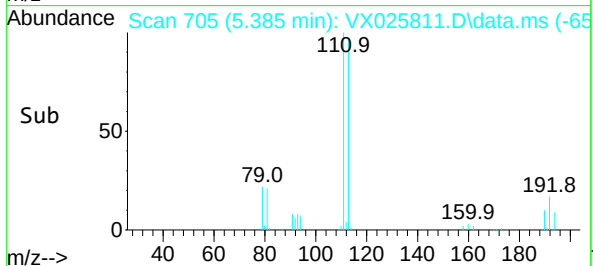
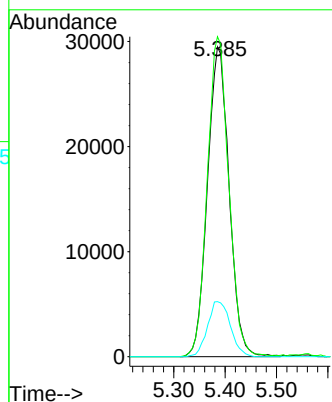
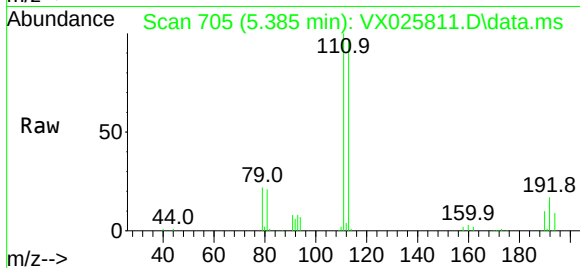
Tgt Ion:113 Resp: 86340

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.794 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025811.D

Acq: 15 Dec 2021 13:38

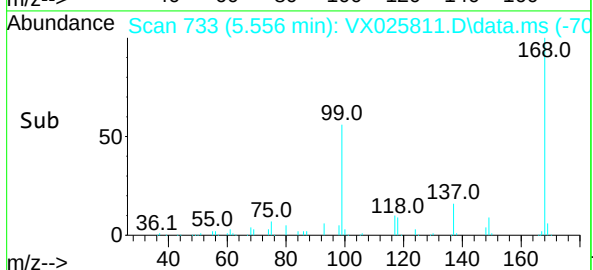
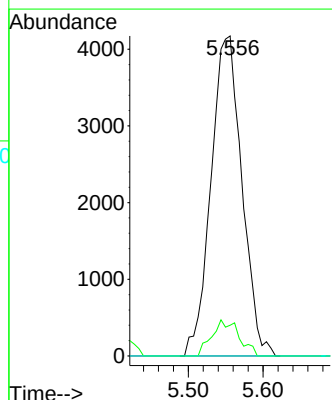
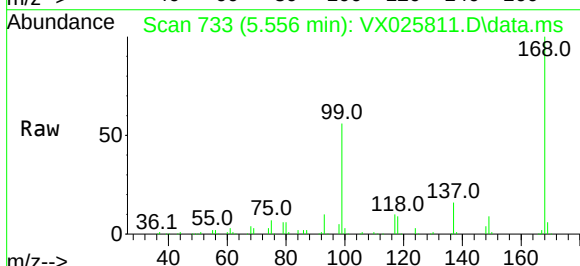
Tgt Ion: 75 Resp: 12001

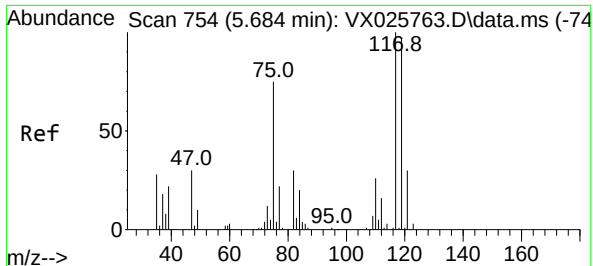
Ion Ratio Lower Upper

75 100

110 9.9 18.2 54.6#

77 0.0 24.7 37.1#

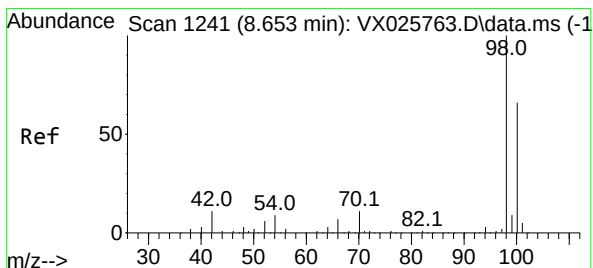
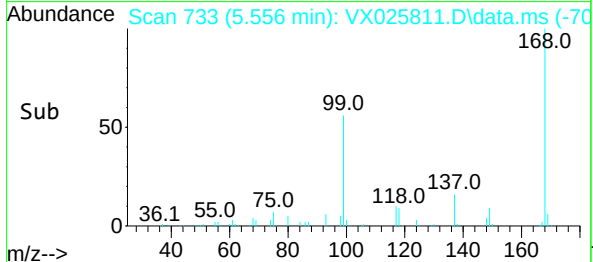
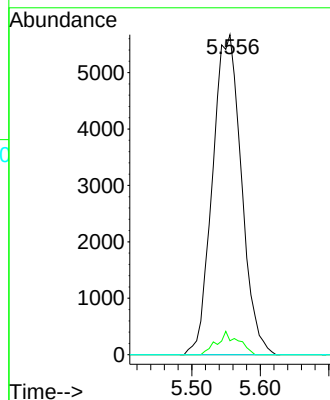
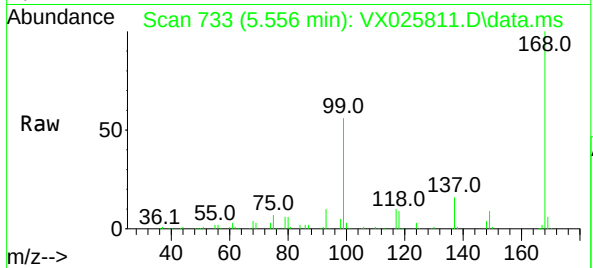




#38
Carbon Tetrachloride
Concen: 5.693 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

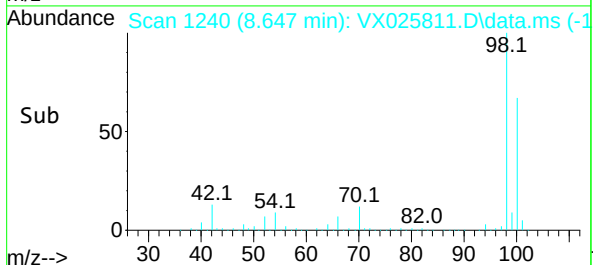
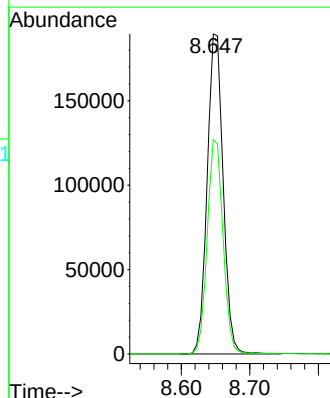
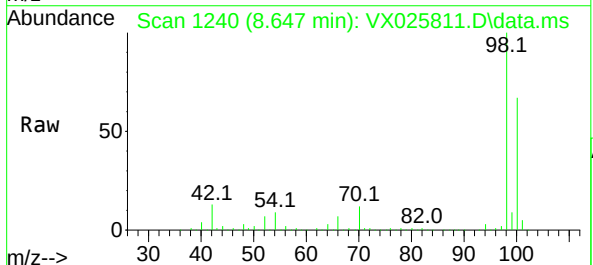
Instrument :
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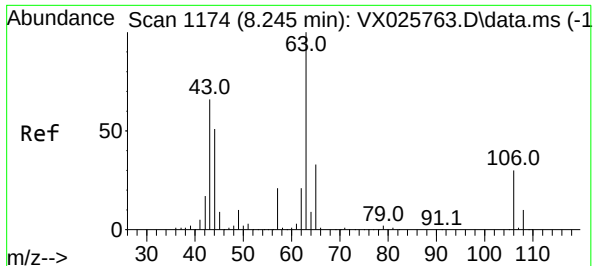
Tgt Ion:117 Resp: 16581
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 45.616 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion: 98 Resp: 306812
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#58

2-Chloroethyl Vinyl ether

Concen: 16.375 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX025811.D

Acq: 15 Dec 2021 13:38

Instrument :

MSVOA_X

ClientSampleId :

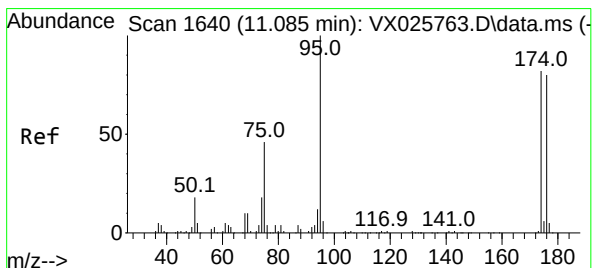
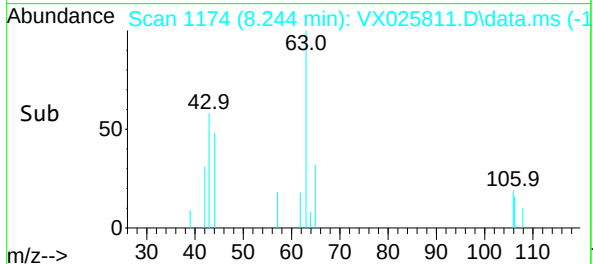
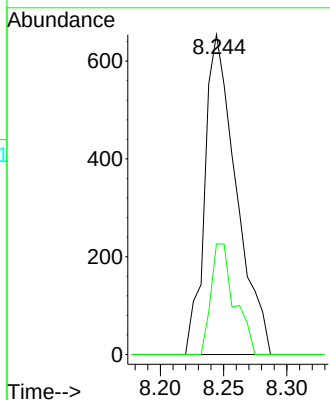
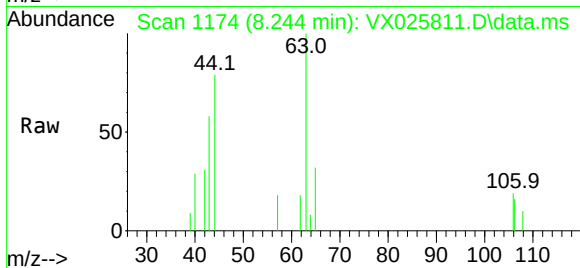
VX1216MBL01

Tgt Ion: 63 Resp: 1128

Ion Ratio Lower Upper

63 100

106 26.0 24.4 36.6



#62

4-Bromofluorobenzene

Concen: 43.621 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX025811.D

Acq: 15 Dec 2021 13:38

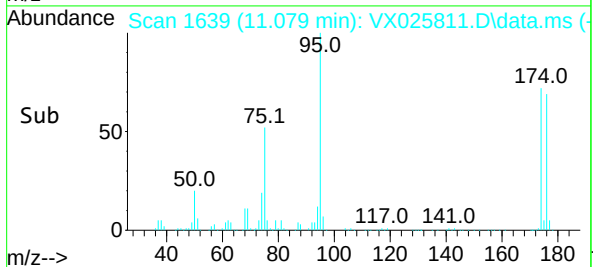
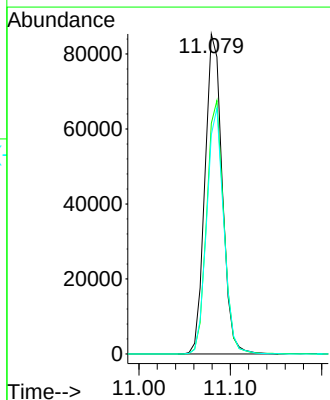
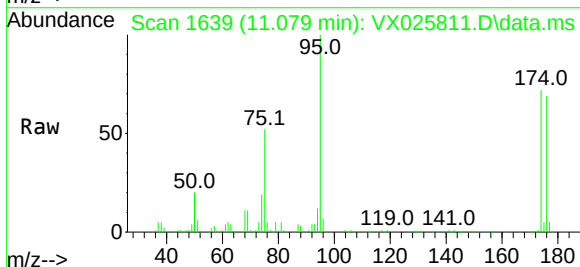
Tgt Ion: 95 Resp: 111450

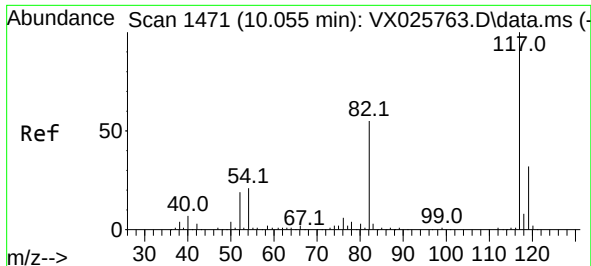
Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.4

176 75.9 0.0 154.6

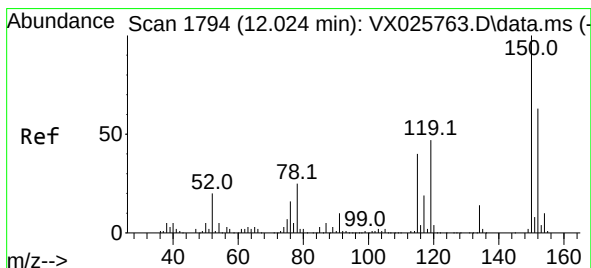
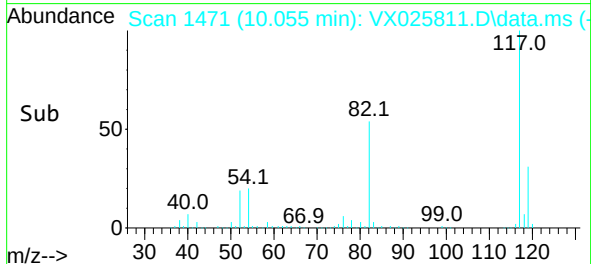
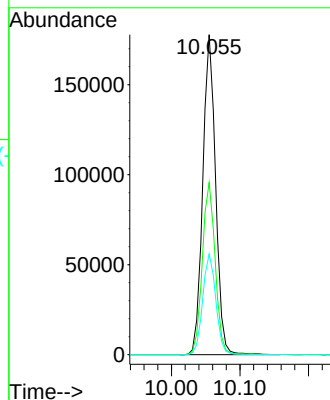
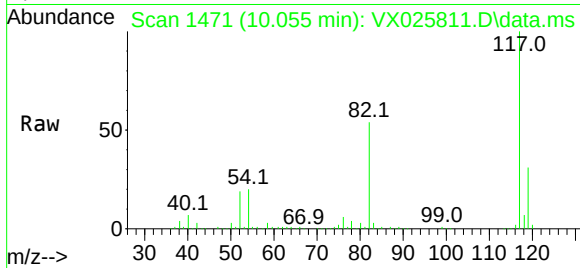




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

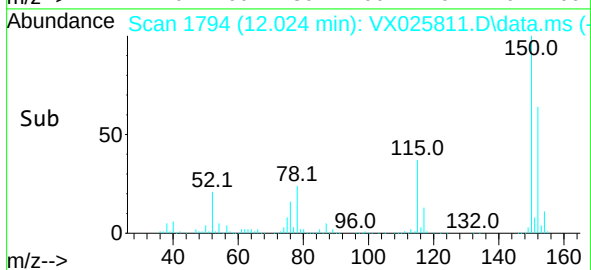
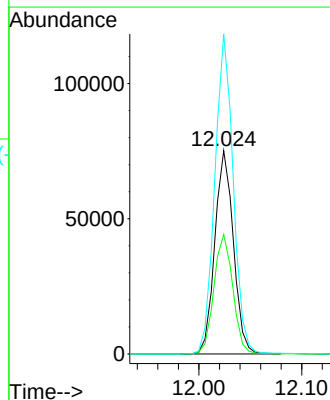
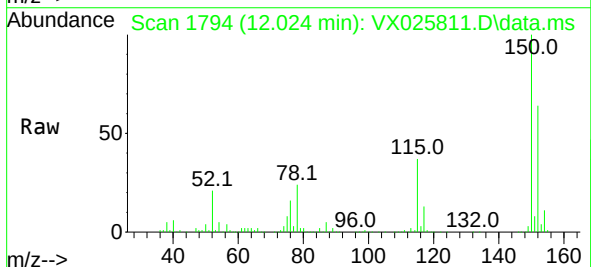
Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

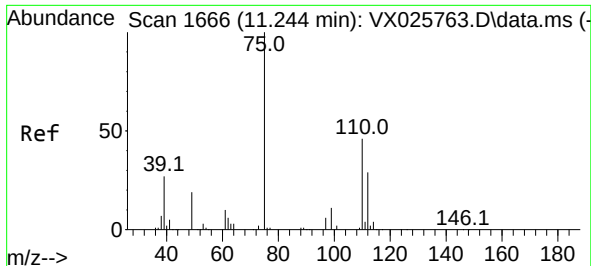
Tgt Ion:117 Resp: 231843
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion:152 Resp: 94251
Ion Ratio Lower Upper
152 100
115 59.7 41.3 123.9
150 155.9 0.0 351.8

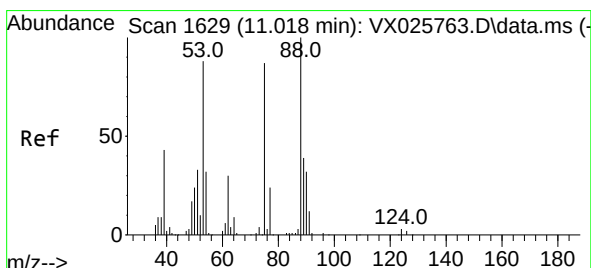
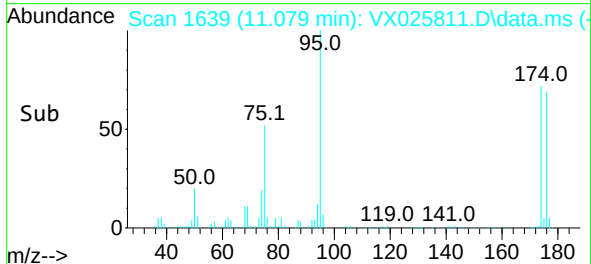
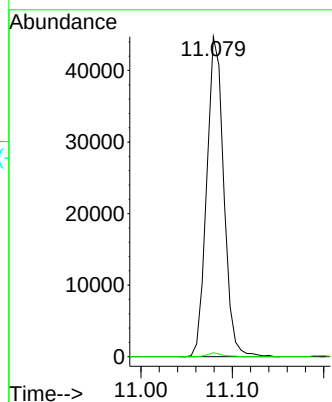
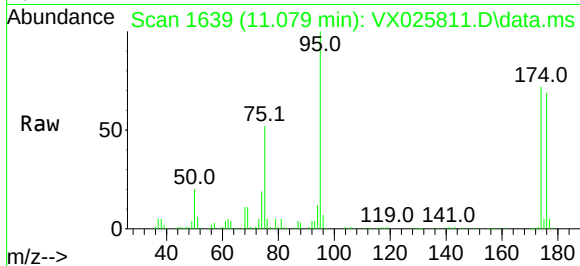




#76
1,2,3-Trichloropropane
Concen: 26.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

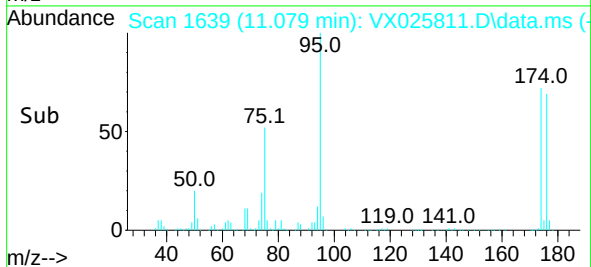
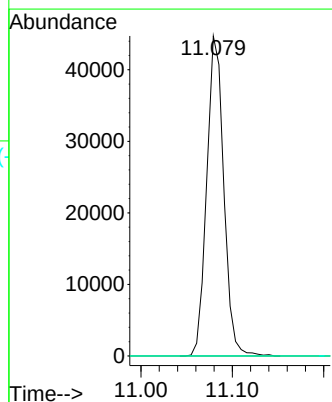
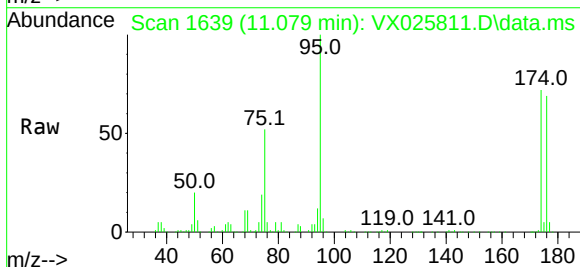
Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

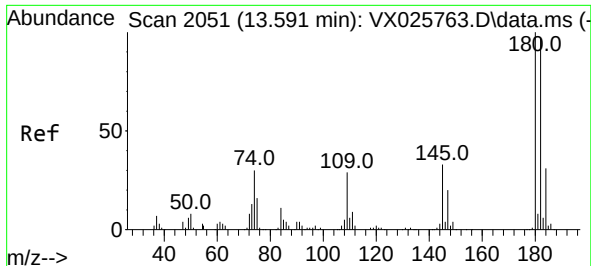
Tgt Ion: 75 Resp: 57754
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion: 75 Resp: 57754
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#93

1,2,4-Trichlorobenzene

Concen: 3.512 ug/l

RT: 13.597 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX025811.D

Acq: 15 Dec 2021 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX1216MBL01

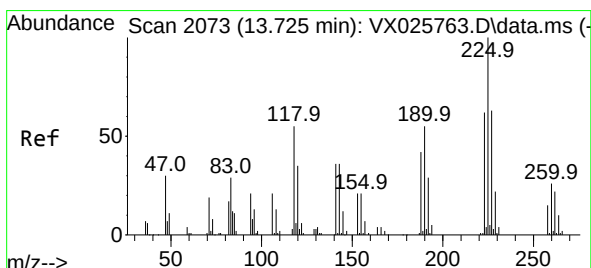
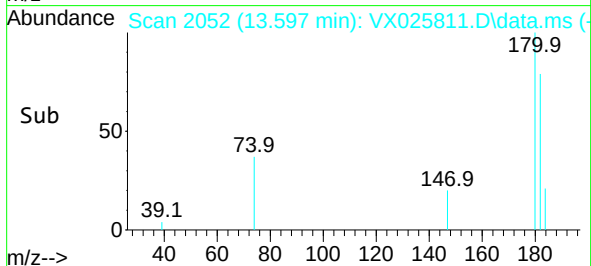
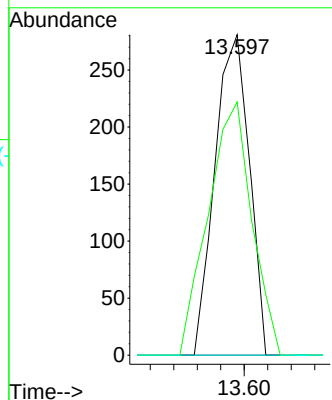
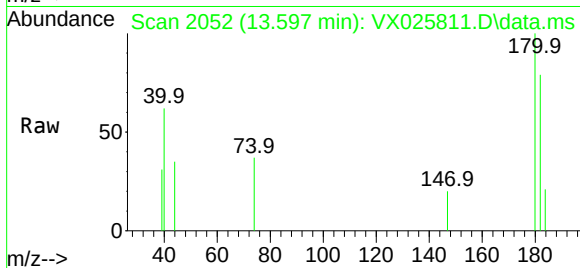
Tgt Ion:180 Resp: 285

Ion Ratio Lower Upper

180 100

182 100.4 47.2 141.6

145 0.0 16.3 48.9#



#94

Hexachlorobutadiene

Concen: 0.654 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX025811.D

Acq: 15 Dec 2021 13:38

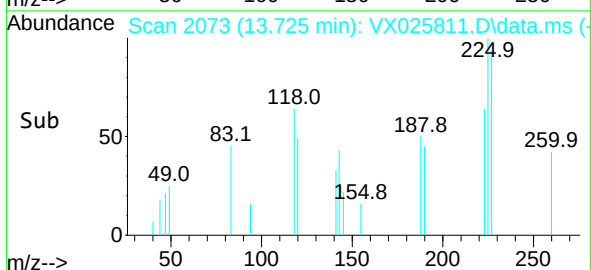
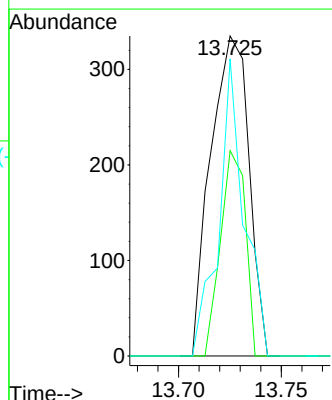
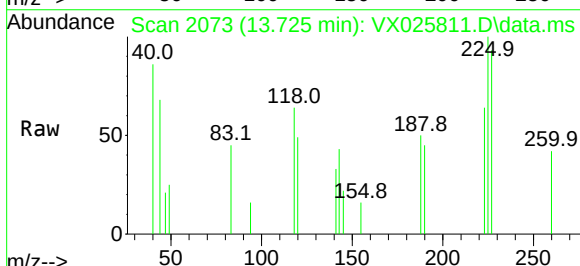
Tgt Ion:225 Resp: 434

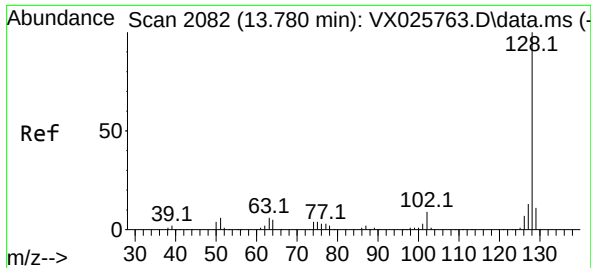
Ion Ratio Lower Upper

225 100

223 41.7 31.6 95.0

227 61.5 32.5 97.5

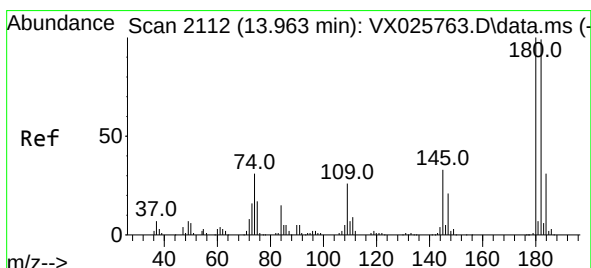
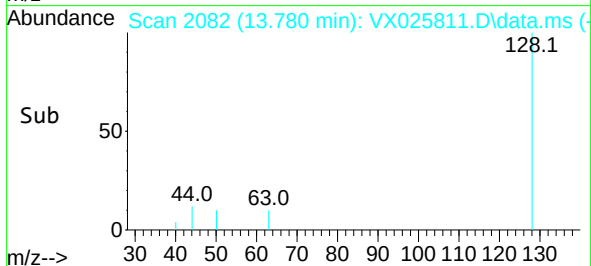
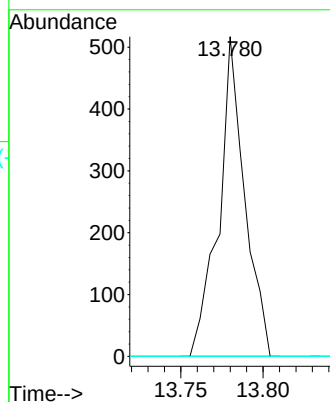
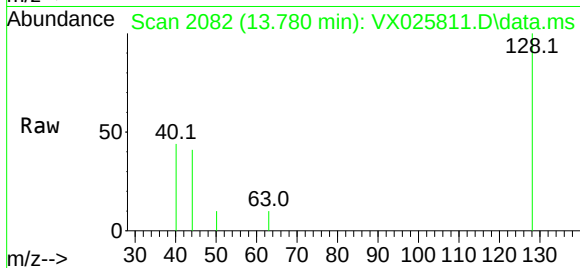




#95
Naphthalene
Concen: 2.495 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX1216MBL01

Tgt Ion:128 Resp: 567
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.109 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025811.D
Acq: 15 Dec 2021 13:38

Tgt Ion:180 Resp: 229
Ion Ratio Lower Upper
180 100
182 83.8 47.5 142.6
145 13.1 16.7 50.1#

