

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026736.D
 Acq On : 02 Feb 2022 15:01
 Operator : JC/MD
 Sample : N1343-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1-CHEVALIER-AVE

Quant Time: Feb 03 03:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

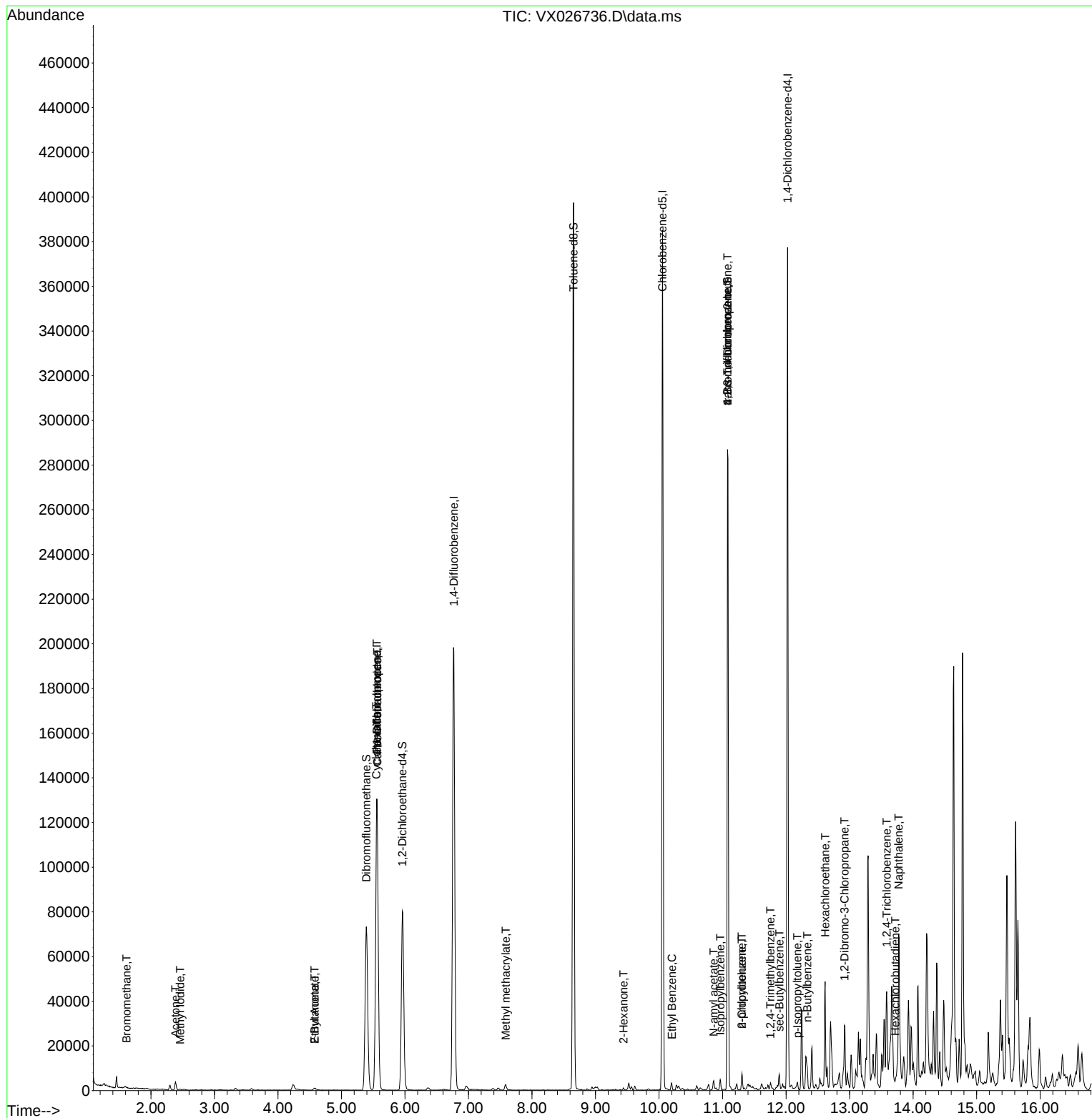
Internal Standards						
1) Pentafluorobenzene	5.556	168	124356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78572	45.230	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.460%		
35) Dibromofluoromethane	5.391	113	64763	48.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.653	98	237631	49.163	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.320%		
62) 4-Bromofluorobenzene	11.079	95	81460	47.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.880%		
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	133	0.204	ug/l	97
10) Methyl Iodide	2.459	142	465	4.735	ug/l #	78
16) Acetone	2.386	43	4025	4.543	ug/l	96
25) 2-Butanone	4.574	43	1745	1.515	ug/l	96
31) Cyclohexane	5.550	56	2391	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9153	4.323	ug/l #	51
37) Ethyl Acetate	4.574	43	1745	0.815	ug/l #	69
38) Carbon Tetrachloride	5.562	117	12661	5.813	ug/l #	15
48) Methyl methacrylate	7.586	41	802	0.468	ug/l #	41
59) 2-Hexanone	9.439	43	664	0.423	ug/l	94
67) Ethyl Benzene	10.201	91	2037	0.301	ug/l	100
73) Isopropylbenzene	10.964	105	2402	0.390	ug/l	100
74) N-amyl acetate	10.860	43	607	0.255	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40187	24.289	ug/l #	40
78) n-propylbenzene	11.305	91	4885	0.695	ug/l	99
79) 2-Chlorotoluene	11.305	91	4885	1.147	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	40187	73.972	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1240	0.244	ug/l	95
85) sec-Butylbenzene	11.896	105	3515	0.573	ug/l	94
86) p-Isopropyltoluene	12.177	119	1582	0.308	ug/l	92
89) n-Butylbenzene	12.335	91	4539	1.028	ug/l #	72
90) Hexachloroethane	12.616	117	1939	4.338	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	12.920	75	80	0.200	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.585	180	374	0.233	ug/l #	1
94) Hexachlorobutadiene	13.719	225	198	0.293	ug/l	78
95) Naphthalene	13.774	128	42132	7.882	ug/l #	97

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

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Instrument :
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ClientSampleId :
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Quant Time: Feb 03 03:07:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

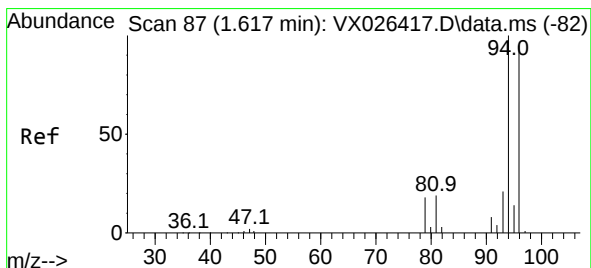
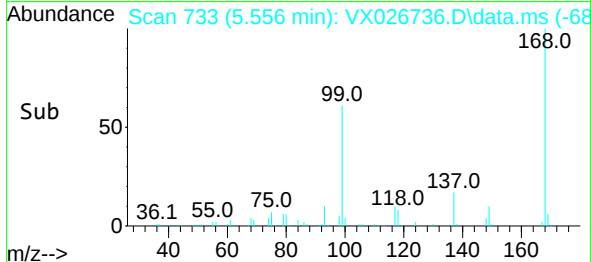
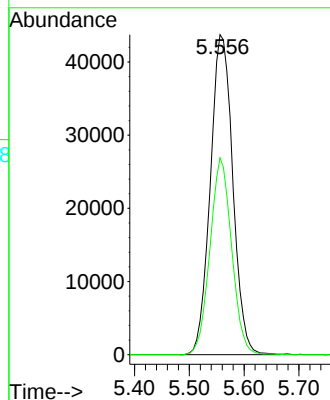
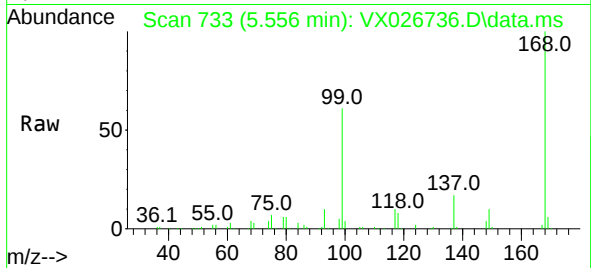




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

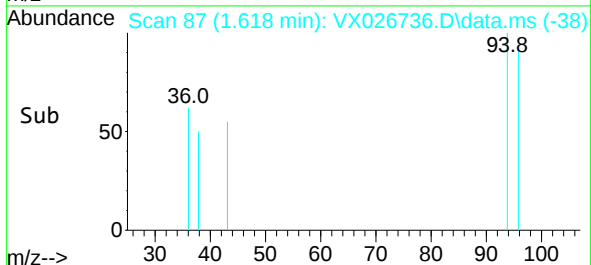
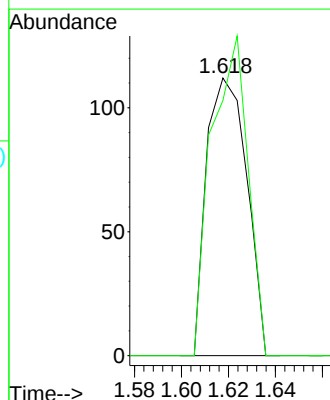
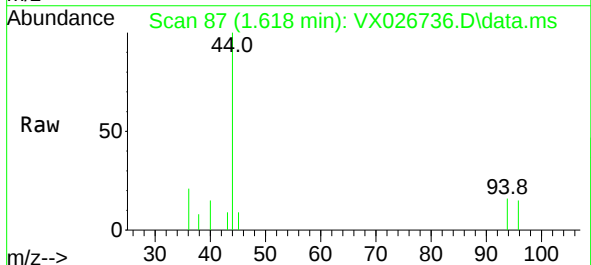
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

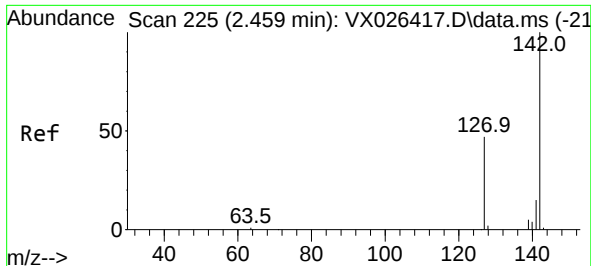
Tgt Ion:168 Resp: 124356
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

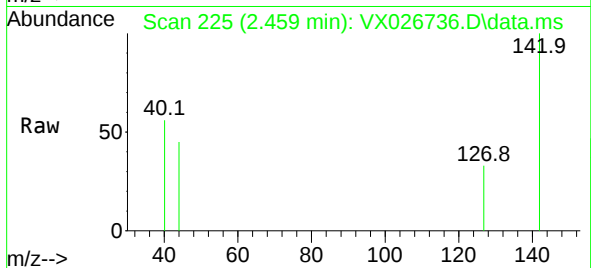
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 92.0 75.9 113.9



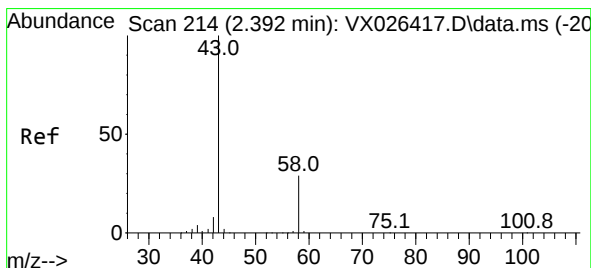
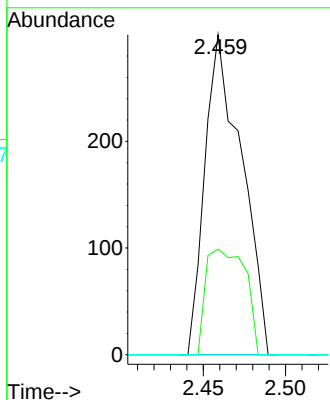
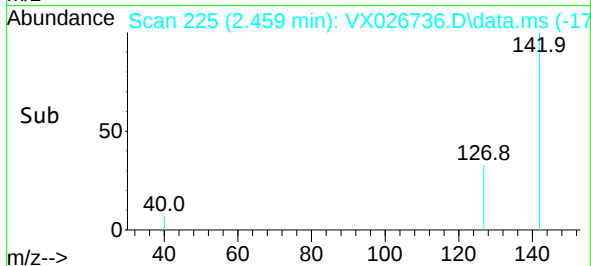


#10
Methyl Iodide
Concen: 4.735 ug/l
RT: 2.459 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

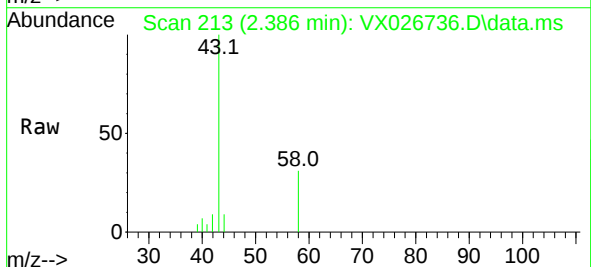
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE



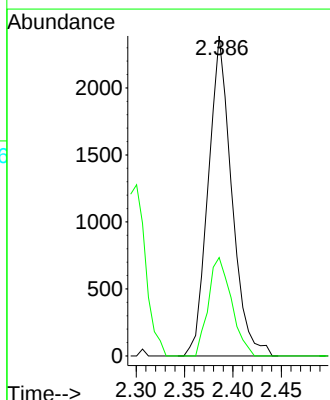
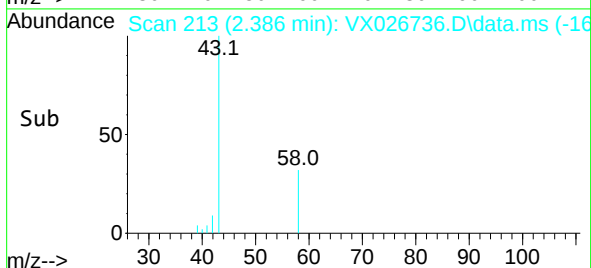
Tgt Ion:142 Resp: 465
Ion Ratio Lower Upper
142 100
127 35.5 38.1 57.1#
141 0.0 11.2 16.8#

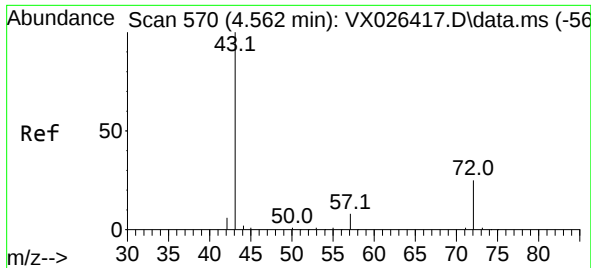


#16
Acetone
Concen: 4.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01



Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
58 30.7 23.0 34.6

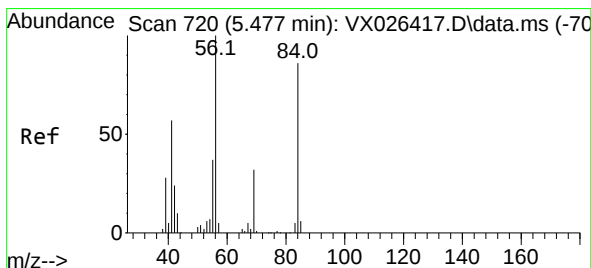
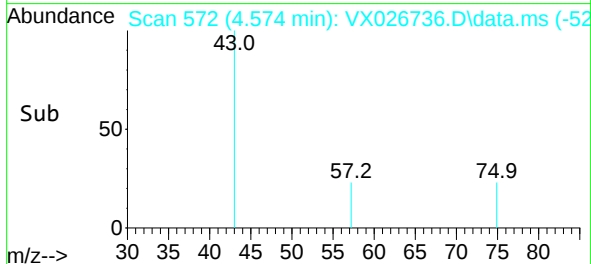
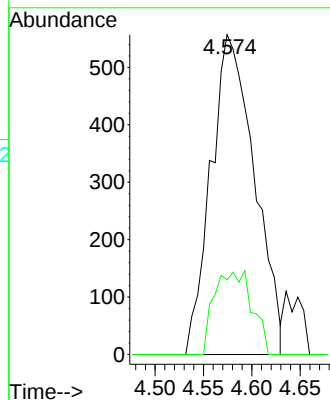
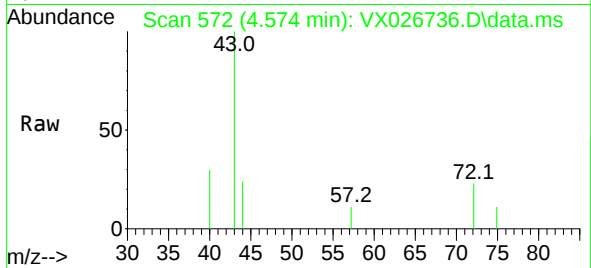




#25
2-Butanone
Concen: 1.515 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

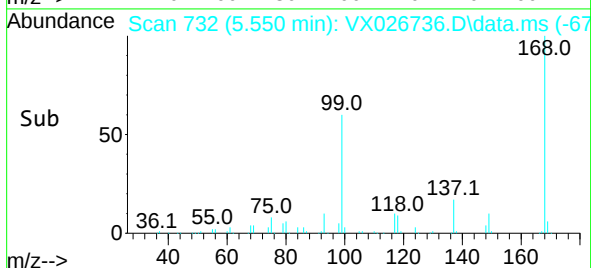
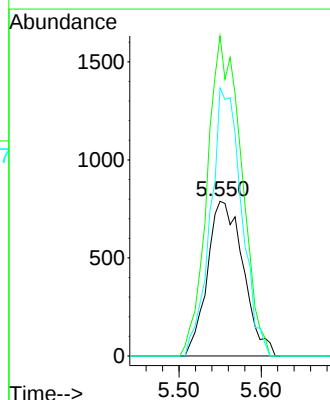
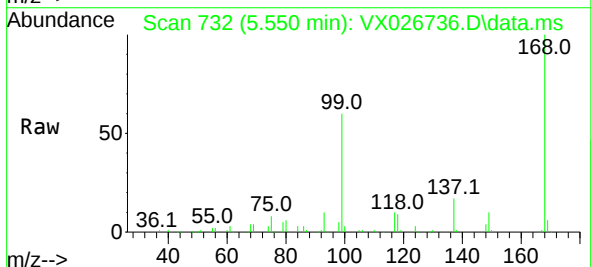
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

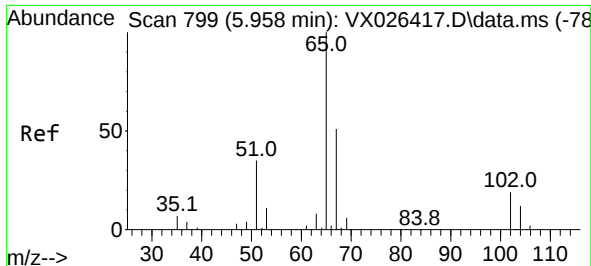
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
72 23.3 20.4 30.6



#31
Cyclohexane
Concen: 0.933 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 56 Resp: 2391
Ion Ratio Lower Upper
56 100
69 206.8 25.8 38.6#
84 173.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.230 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026736.D

Acq: 02 Feb 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

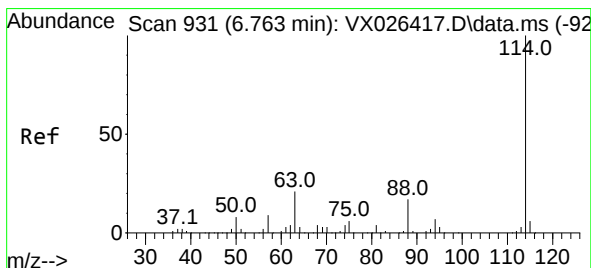
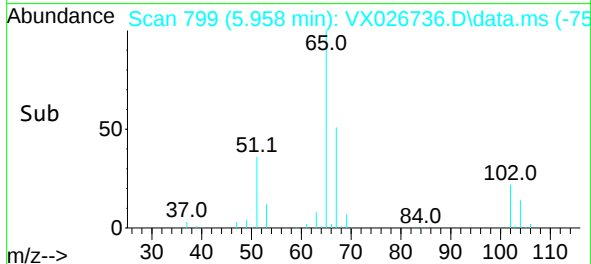
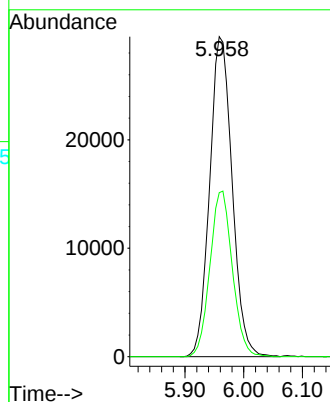
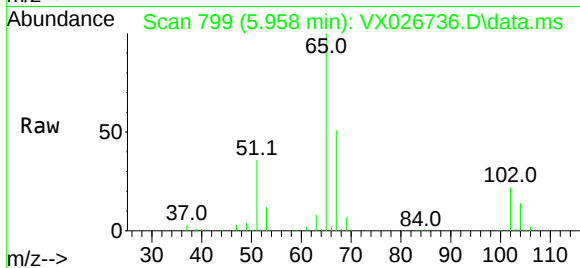
1-CHEVALIER-AVE

Tgt Ion: 65 Resp: 78572

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026736.D

Acq: 02 Feb 2022 15:01

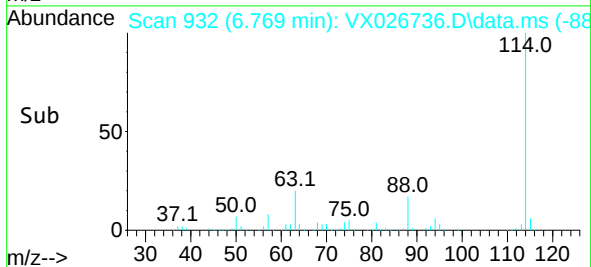
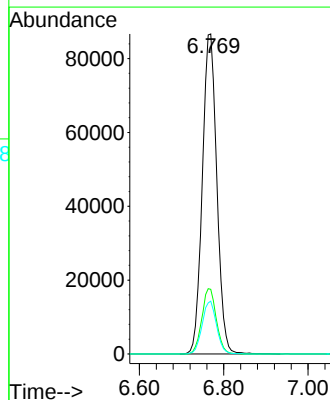
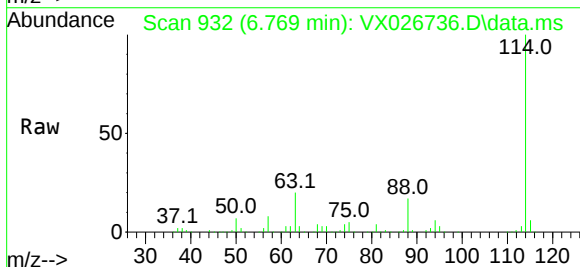
Tgt Ion: 114 Resp: 207707

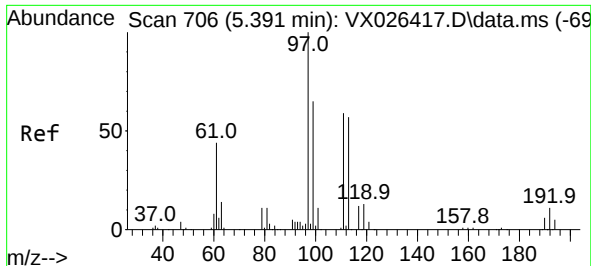
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

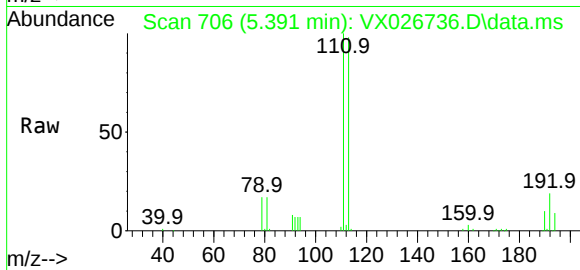
88 16.5 0.0 33.0



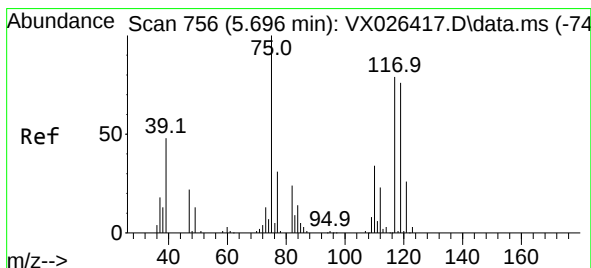
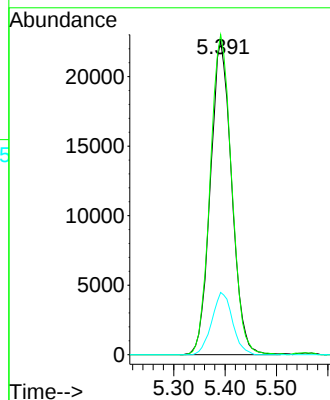
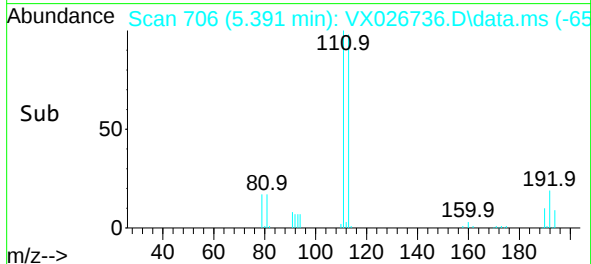


#35
Dibromofluoromethane
Concen: 48.283 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

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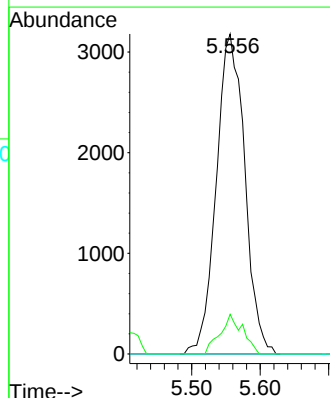
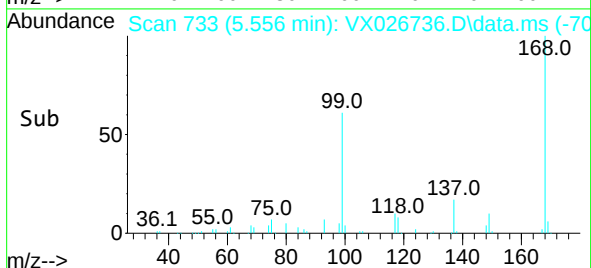
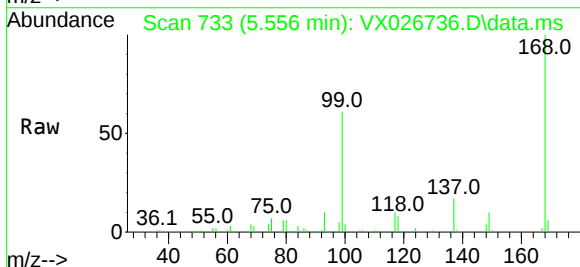


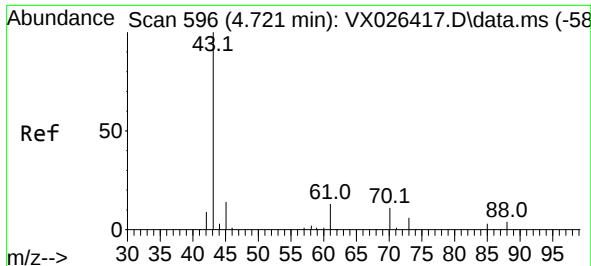
Tgt Ion:113 Resp: 64763
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 75 Resp: 9153
Ion Ratio Lower Upper
75 100
110 9.9 17.2 51.6#
77 0.0 24.6 36.8#

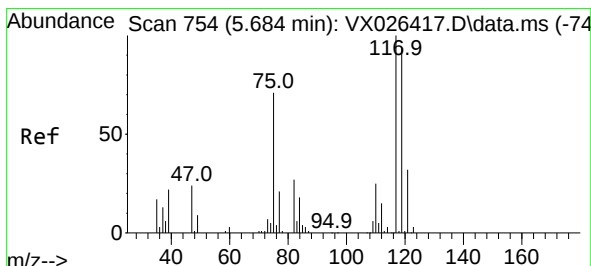
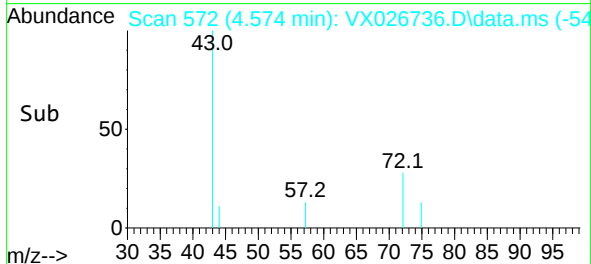
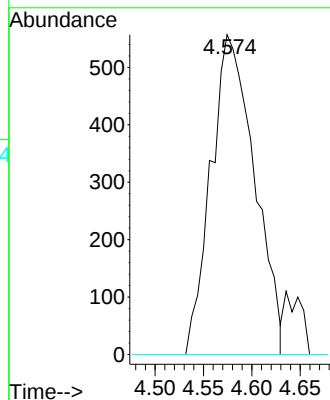
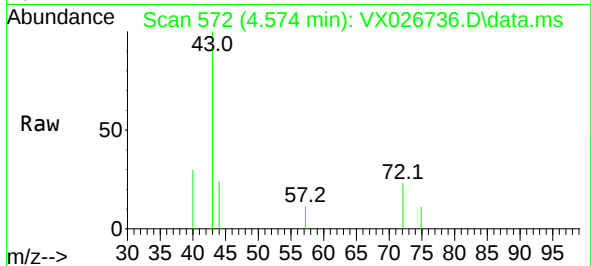




#37
Ethyl Acetate
Concen: 0.815 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.146 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

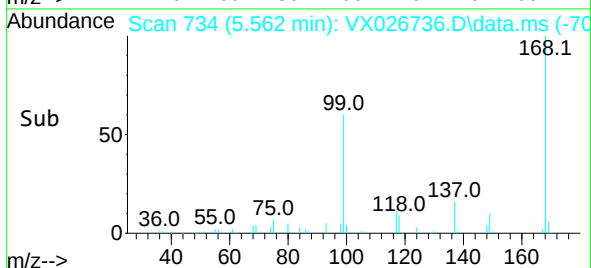
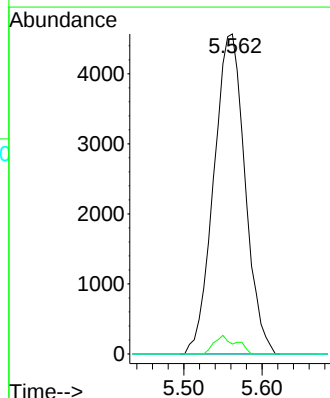
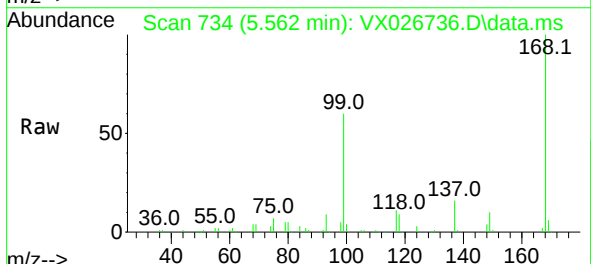
Instrument :
MSVOA_X
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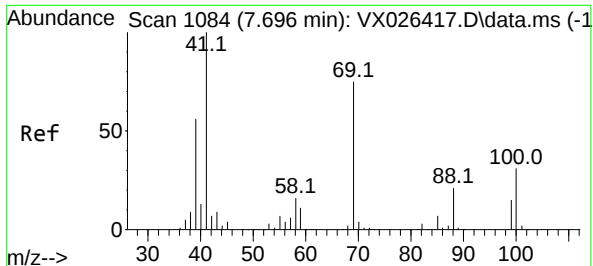
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 117 Resp: 12661
Ion Ratio Lower Upper
117 100
119 3.1 74.7 112.1#
121 0.0 25.4 38.0#





#48

Methyl methacrylate

Concen: 0.468 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.110 min

Lab File: VX026736.D

Acq: 02 Feb 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

1-CHEVALIER-AVE

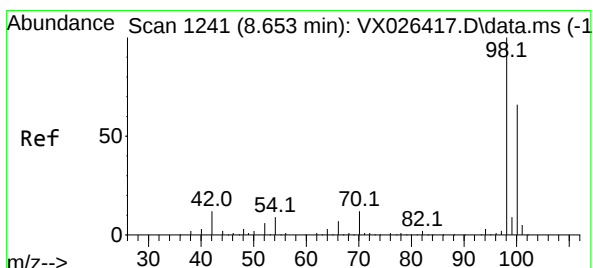
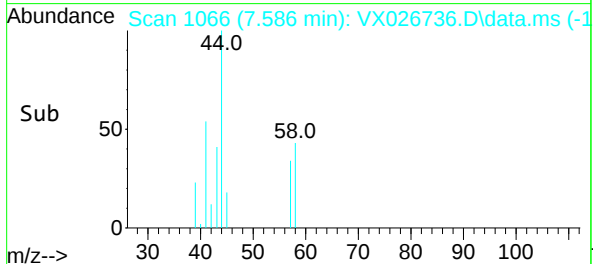
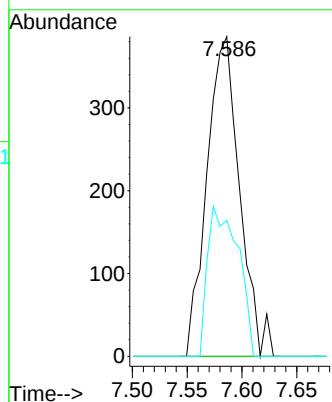
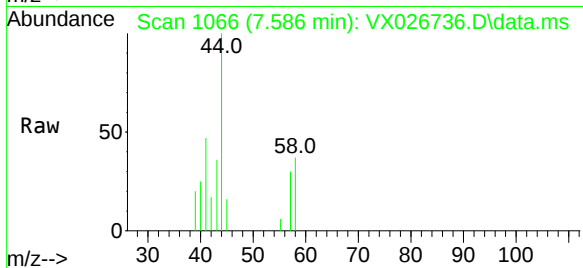
Tgt Ion: 41 Resp: 802

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 43.6 45.4 68.0#



#50

Toluene-d8

Concen: 49.163 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026736.D

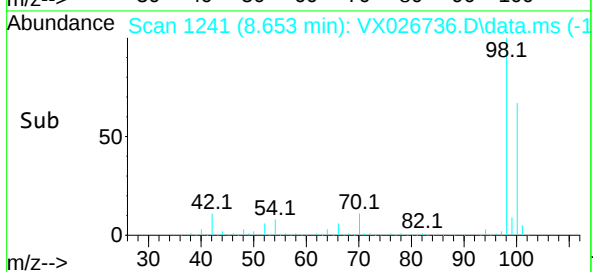
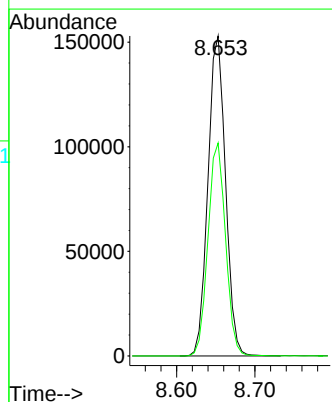
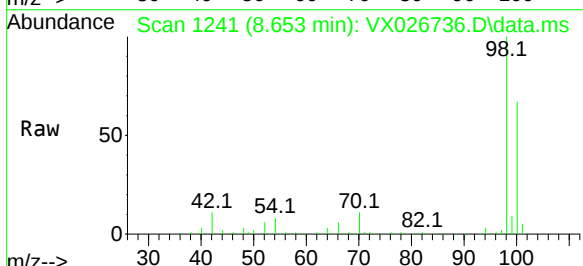
Acq: 02 Feb 2022 15:01

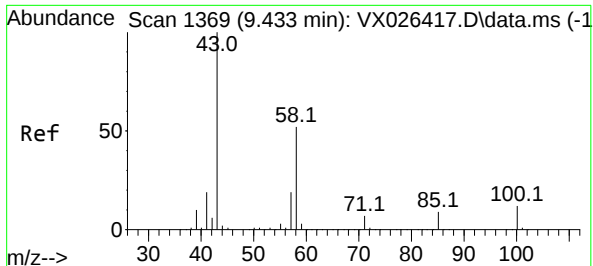
Tgt Ion: 98 Resp: 237631

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8





#59

2-Hexanone

Concen: 0.423 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX026736.D

Acq: 02 Feb 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

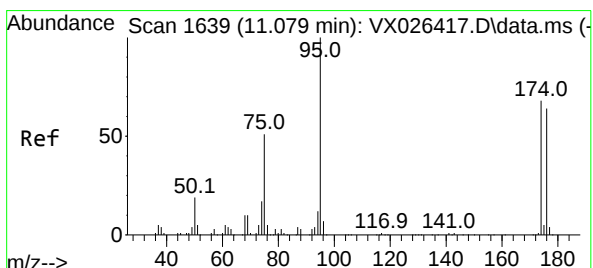
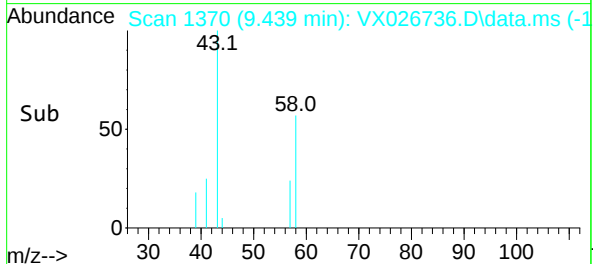
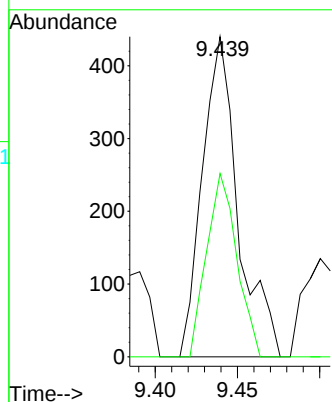
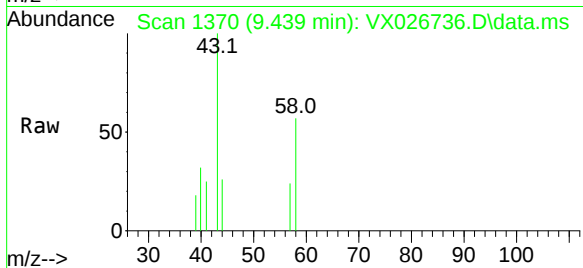
1-CHEVALIER-AVE

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

58 48.3 26.4 79.2



#62

4-Bromofluorobenzene

Concen: 47.442 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026736.D

Acq: 02 Feb 2022 15:01

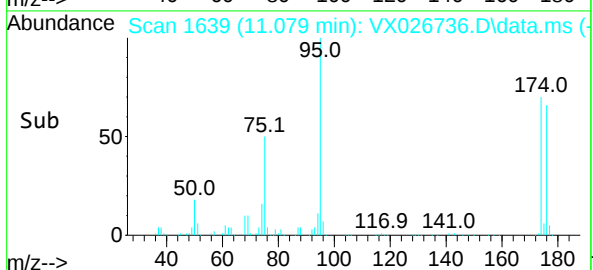
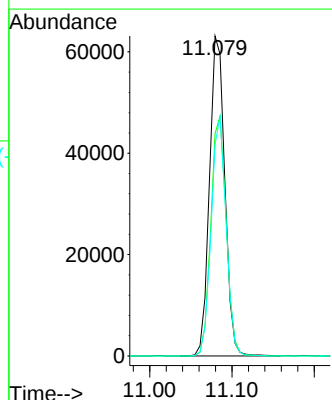
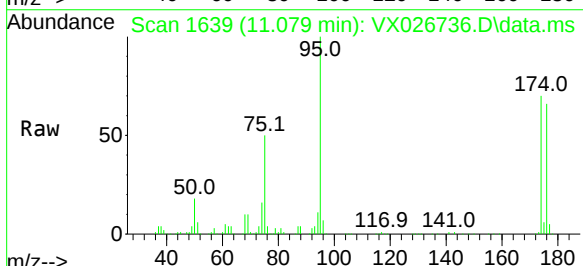
Tgt Ion: 95 Resp: 81460

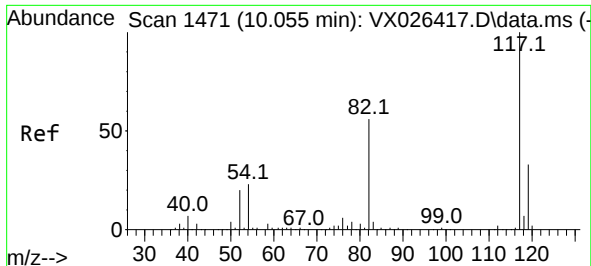
Ion Ratio Lower Upper

95 100

174 75.2 0.0 148.6

176 72.9 0.0 141.4

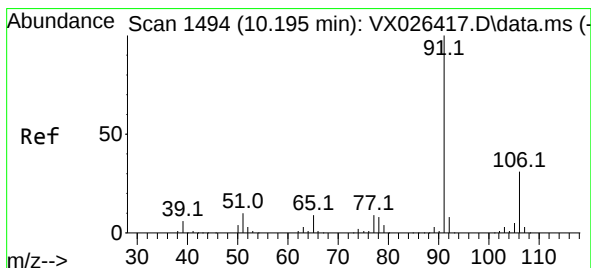
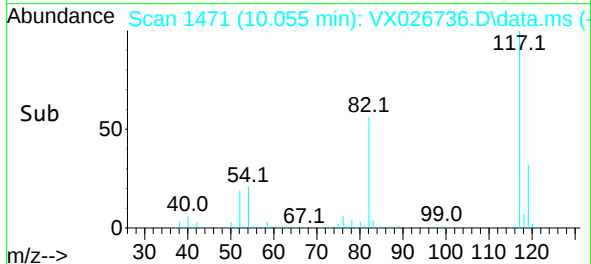
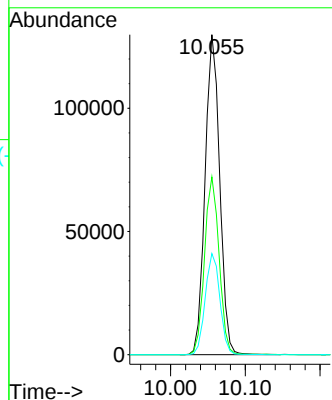
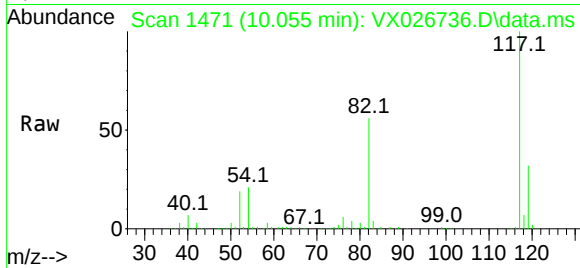




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

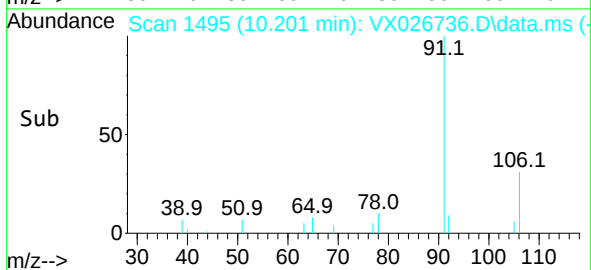
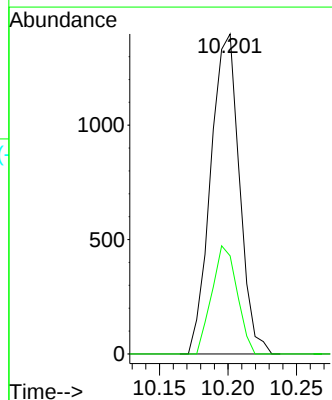
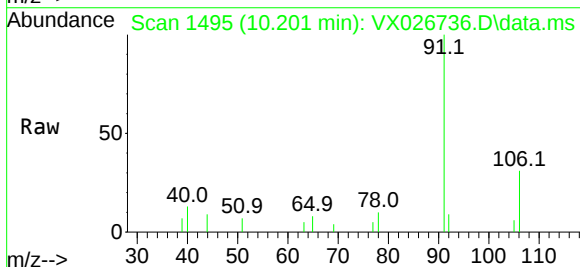
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

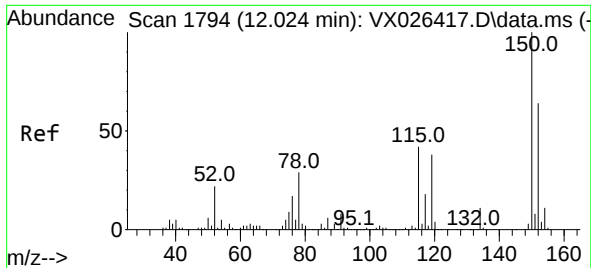
Tgt Ion:117 Resp: 176571
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 31.6 26.2 39.2



#67
Ethyl Benzene
Concen: 0.301 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 91 Resp: 2037
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

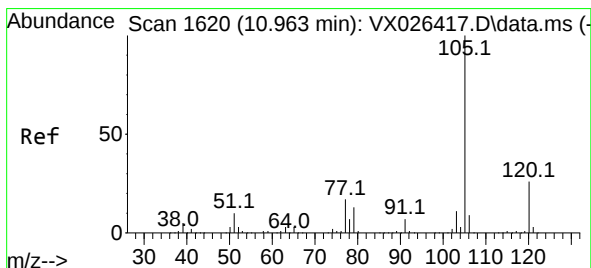
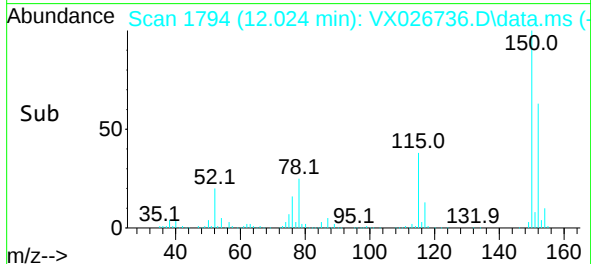
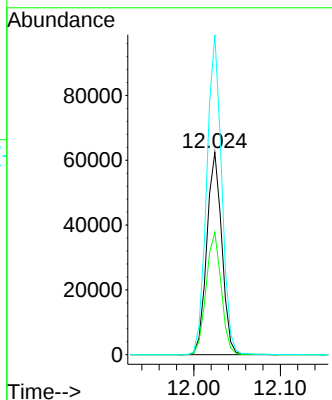
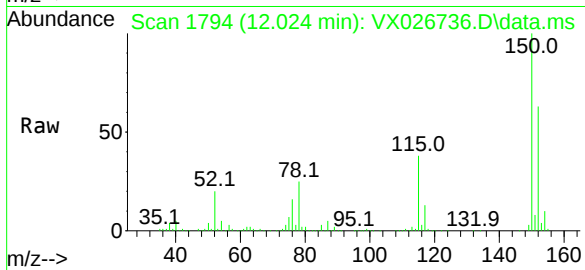




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026736.D
 Acq: 02 Feb 2022 15:01

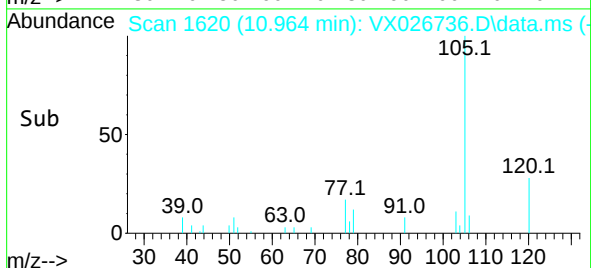
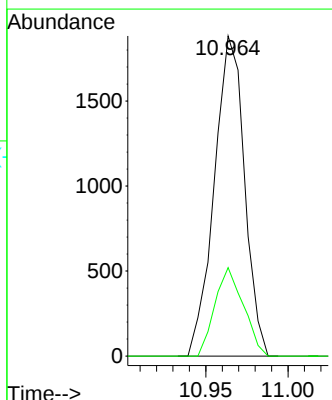
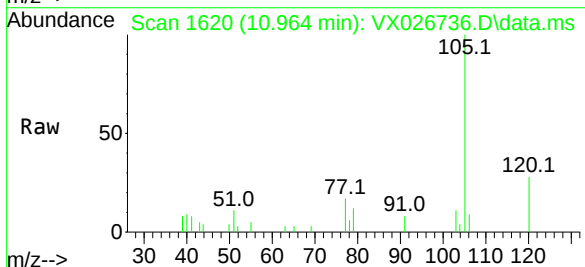
Instrument :
 MSVOA_X
 ClientSampleId :
 1-CHEVALIER-AVE

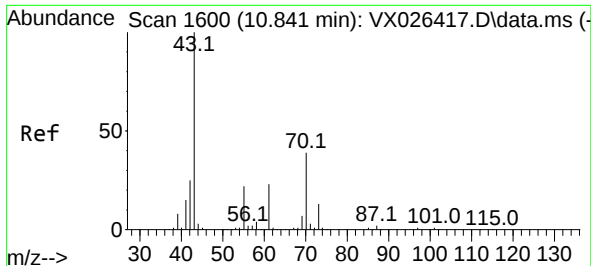
Tgt Ion:152 Resp: 75144
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.2 132.6
 150 157.5 0.0 348.2



#73
 Isopropylbenzene
 Concen: 0.390 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX026736.D
 Acq: 02 Feb 2022 15:01

Tgt Ion:105 Resp: 2402
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.1 39.1

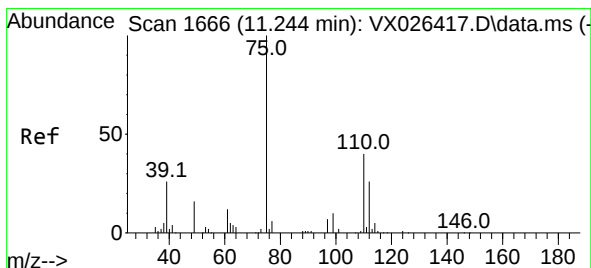
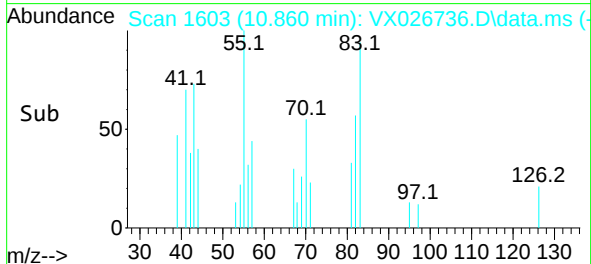
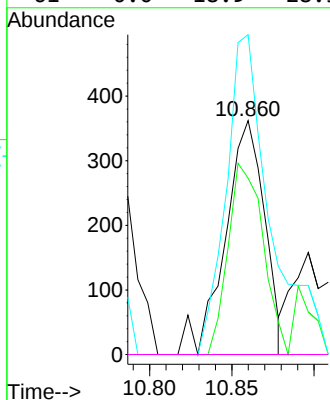
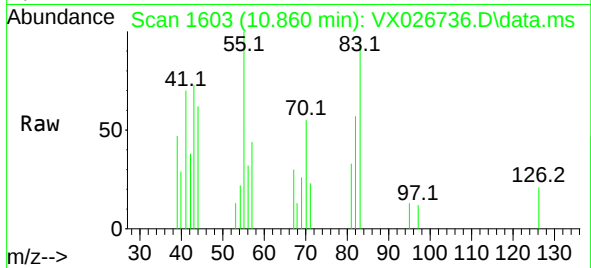




#74
N-amy1 acetate
Concen: 0.255 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

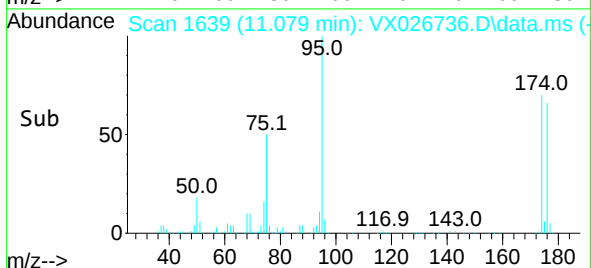
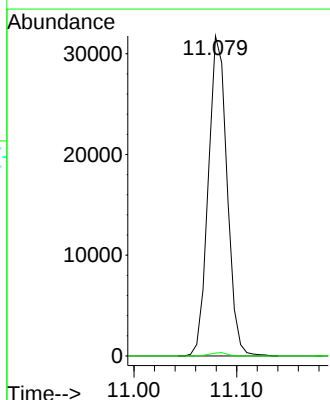
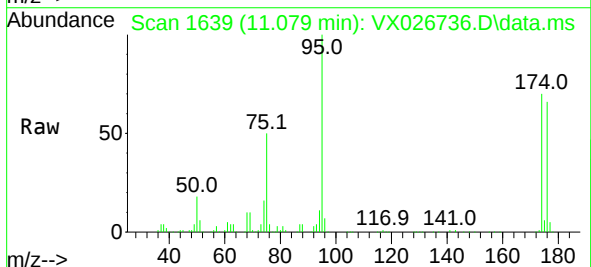
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

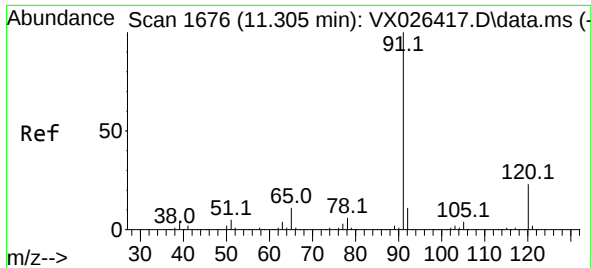
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
70 72.5 32.9 49.3#
55 153.2 18.3 27.5#
61 0.0 18.9 28.3#



#76
1,2,3-Trichloropropane
Concen: 24.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 75 Resp: 40187
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#

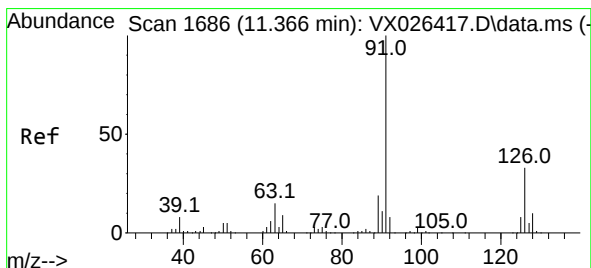
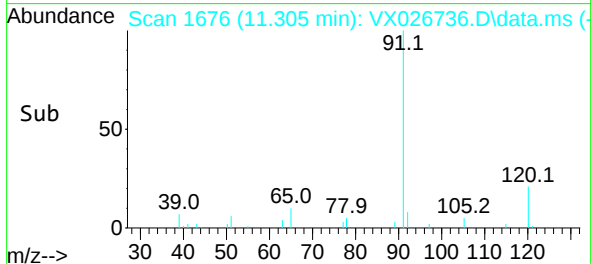
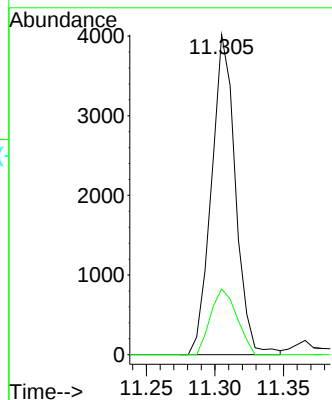
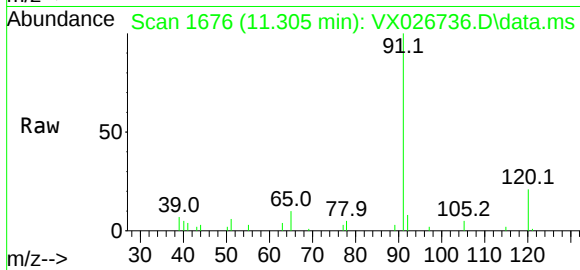




#78
n-propylbenzene
Concen: 0.695 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

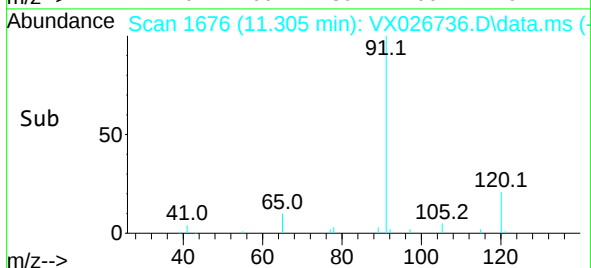
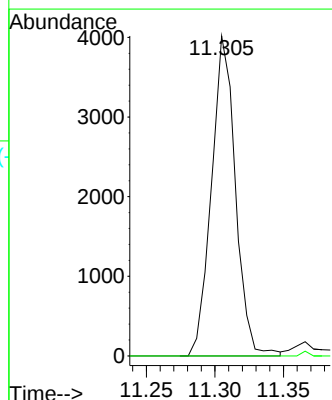
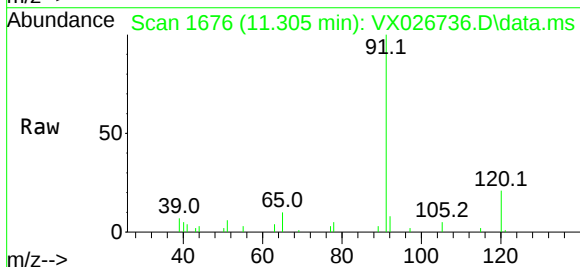
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

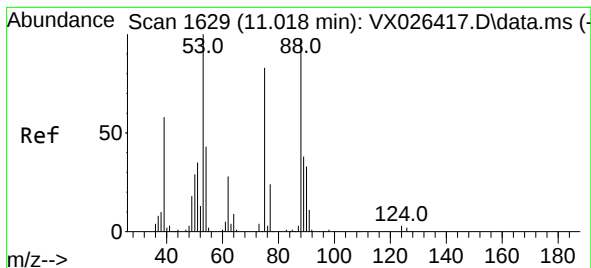
Tgt Ion: 91 Resp: 4885
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7



#79
2-Chlorotoluene
Concen: 1.147 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 91 Resp: 4885
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

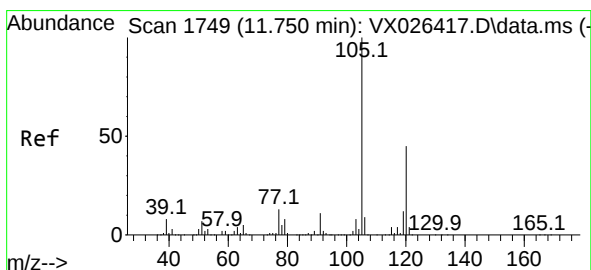
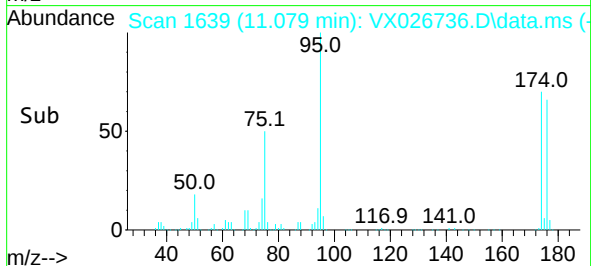
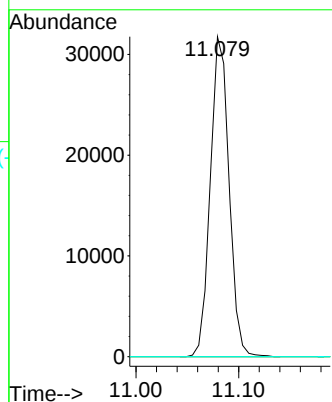
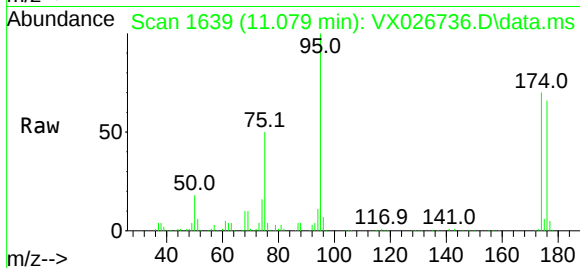




#81
trans-1,4-Dichloro-2-butene
Concen: 73.972 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

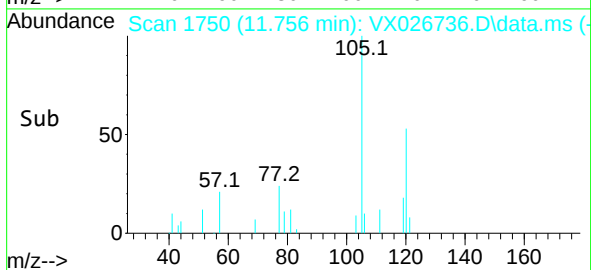
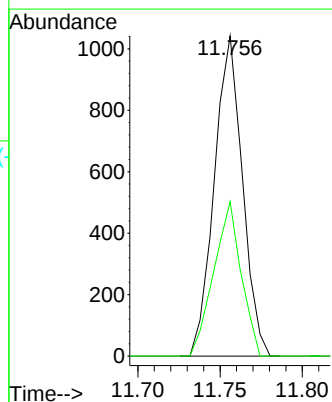
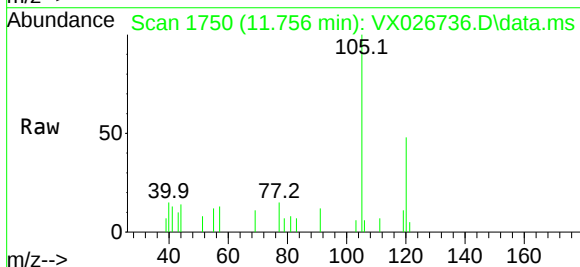
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

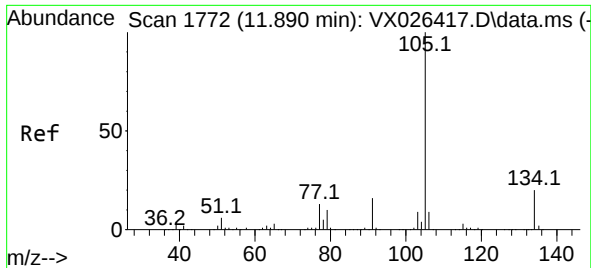
Tgt Ion: 75 Resp: 40187
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.244 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion: 105 Resp: 1240
Ion Ratio Lower Upper
105 100
120 46.8 21.9 65.5

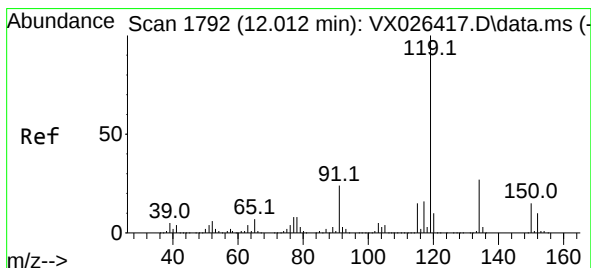
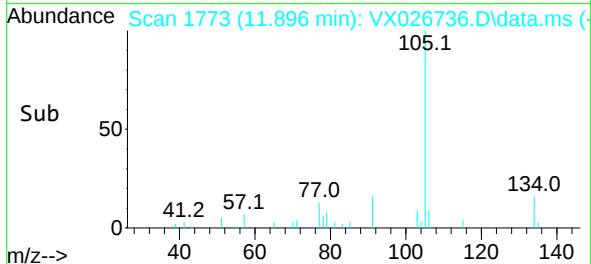
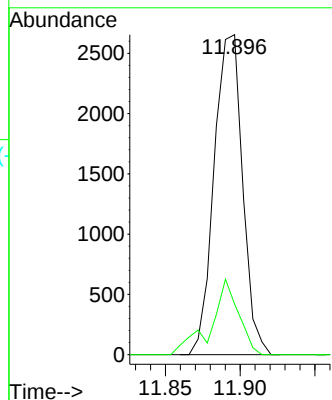
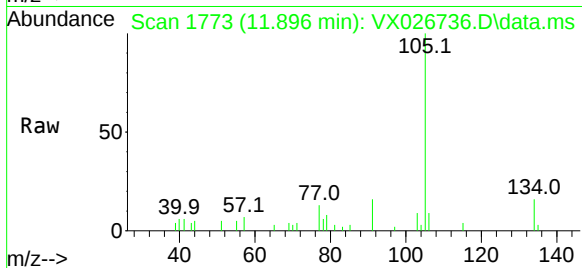




#85
 sec-Butylbenzene
 Concen: 0.573 ug/l
 RT: 11.896 min Scan# 11896
 Delta R.T. 0.006 min
 Lab File: VX026736.D
 Acq: 02 Feb 2022 15:01

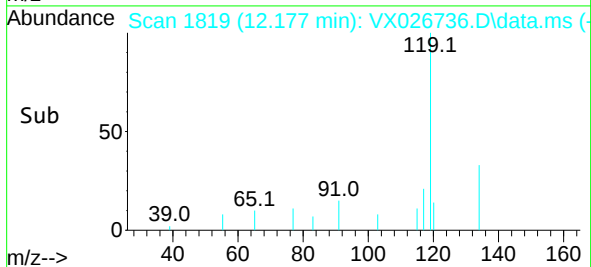
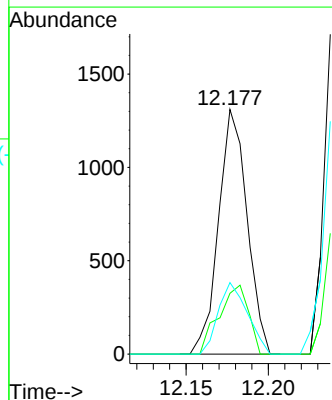
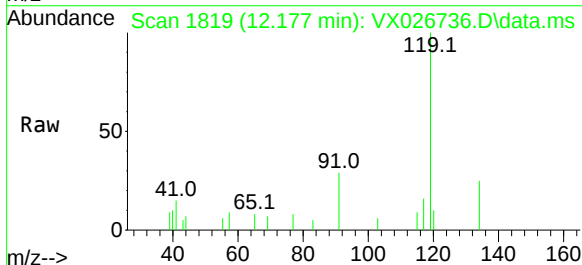
Instrument :
 MSVOA_X
 ClientSampleId :
 1-CHEVALIER-AVE

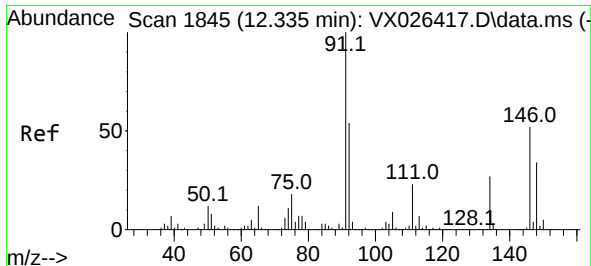
Tgt Ion:105 Resp: 3515
 Ion Ratio Lower Upper
 105 100
 134 22.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.308 ug/l
 RT: 12.177 min Scan# 1819
 Delta R.T. 0.165 min
 Lab File: VX026736.D
 Acq: 02 Feb 2022 15:01

Tgt Ion:119 Resp: 1582
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.0 39.0
 91 29.9 12.6 37.6





#89

n-Butylbenzene

Concen: 1.028 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026736.D

Acq: 02 Feb 2022 15:01

Instrument :

MSVOA_X

ClientSampleId :

1-CHEVALIER-AVE

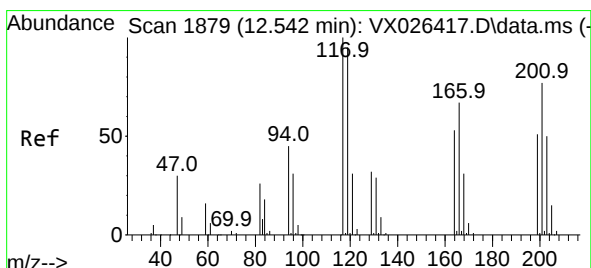
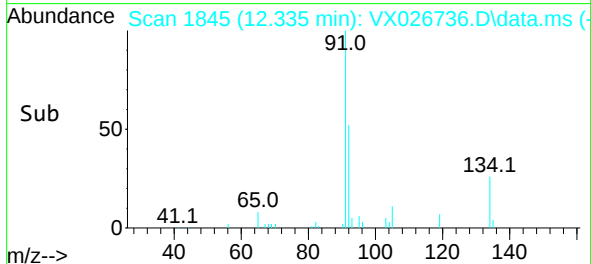
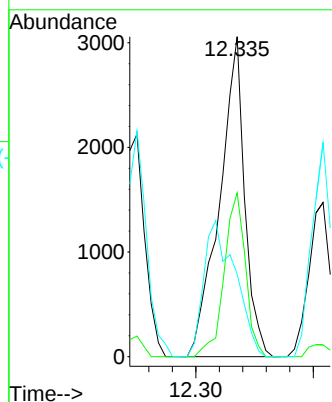
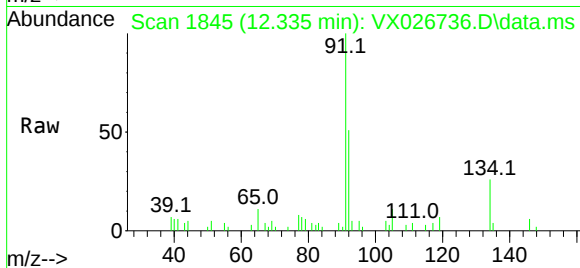
Tgt Ion: 91 Resp: 4539

Ion Ratio Lower Upper

91 100

92 43.3 27.2 81.6

134 53.2 13.1 39.1#



#90

Hexachloroethane

Concen: 4.338 ug/l

RT: 12.616 min Scan# 1891

Delta R.T. 0.074 min

Lab File: VX026736.D

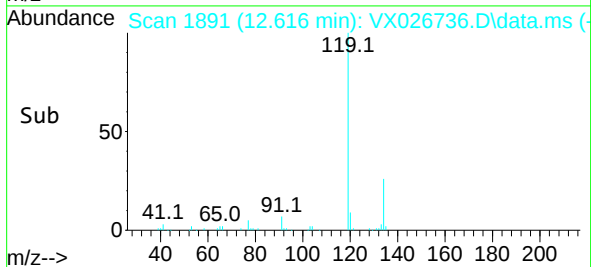
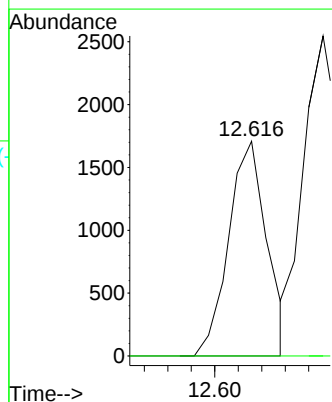
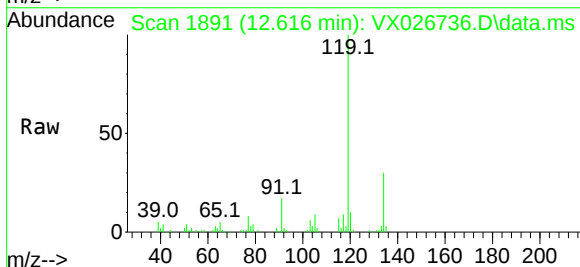
Acq: 02 Feb 2022 15:01

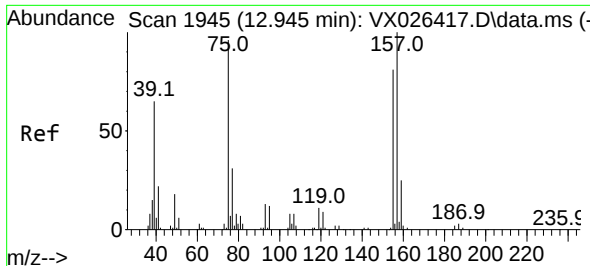
Tgt Ion: 117 Resp: 1939

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.8#

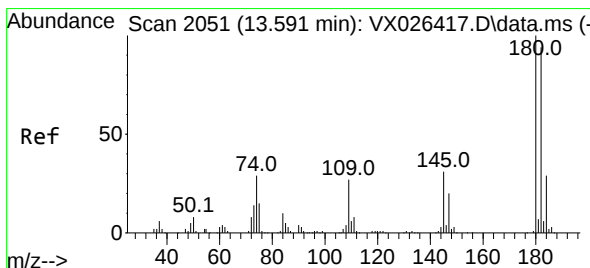
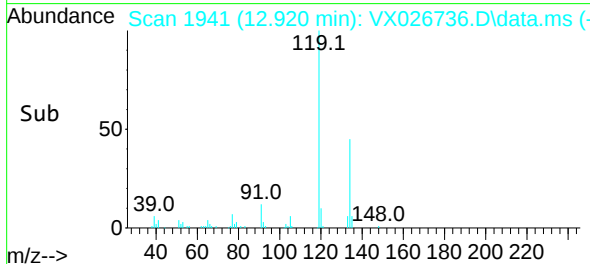
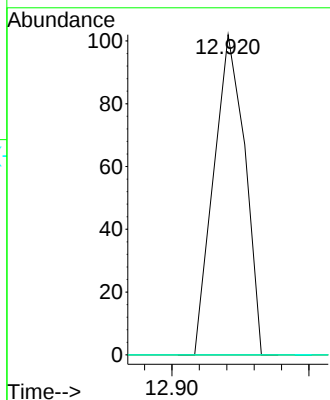
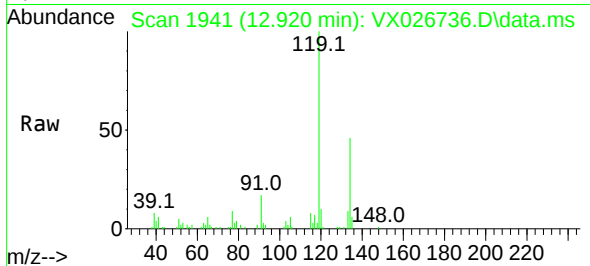




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.200 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.024 min
 Lab File: VX026736.D
 Acq: 02 Feb 2022 15:01

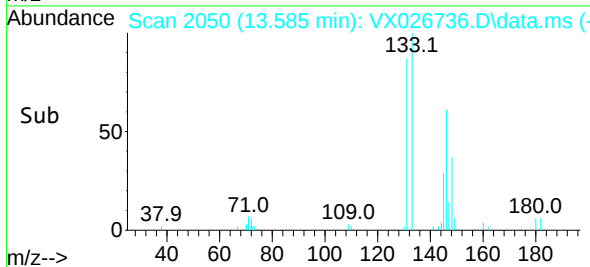
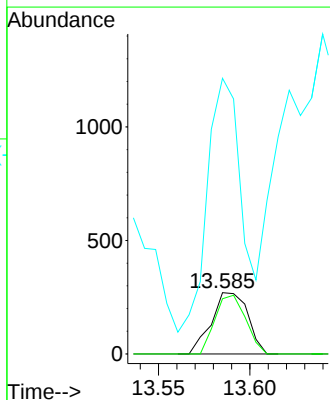
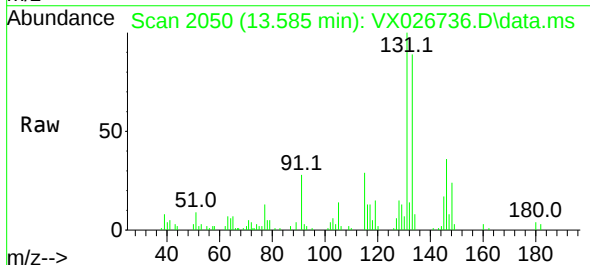
Instrument :
 MSVOA_X
 ClientSampleId :
 1-CHEVALIER-AVE

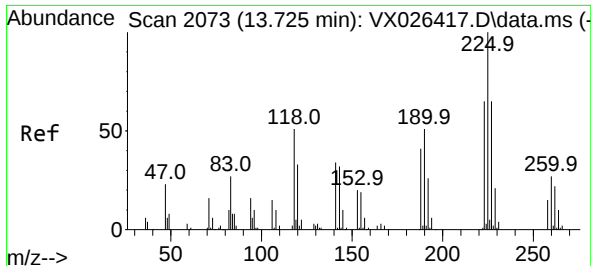
Tgt Ion: 75 Resp: 80
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.0 119.9#
 157 0.0 51.6 154.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX026736.D
 Acq: 02 Feb 2022 15:01

Tgt Ion: 180 Resp: 374
 Ion Ratio Lower Upper
 180 100
 182 81.0 46.7 140.0
 145 437.7 16.3 48.8#

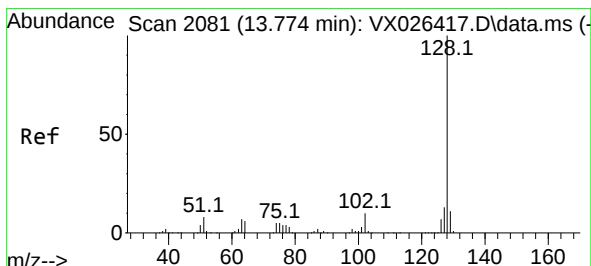
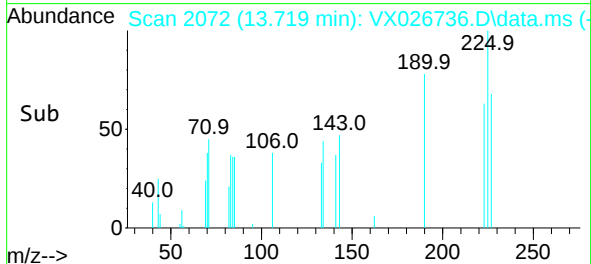
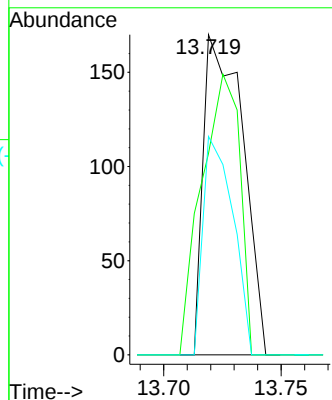
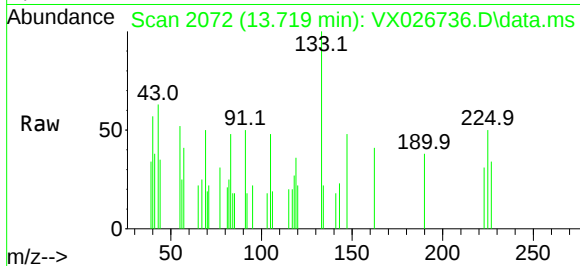




#94
Hexachlorobutadiene
Concen: 0.293 ug/l
RT: 13.719 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

Tgt Ion:	225	Resp:	198
Ion	Ratio	Lower	Upper
225	100		
223	85.4	32.0	96.0
227	52.0	32.3	96.9



#95
Naphthalene
Concen: 7.882 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX026736.D
Acq: 02 Feb 2022 15:01

Tgt Ion:	128	Resp:	42132
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	13.1	8.7	13.1

