

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026705.D
 Acq On : 01 Feb 2022 14:34
 Operator : JC/MD
 Sample : N1343-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1-CHEVALIER-AVE

Quant Time: Feb 02 04:35:38 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	128104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81866	45.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.500%
35) Dibromofluoromethane	5.391	113	66151	47.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.653	98	255636	51.144	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.280%
62) 4-Bromofluorobenzene	11.079	95	96276	54.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.440%

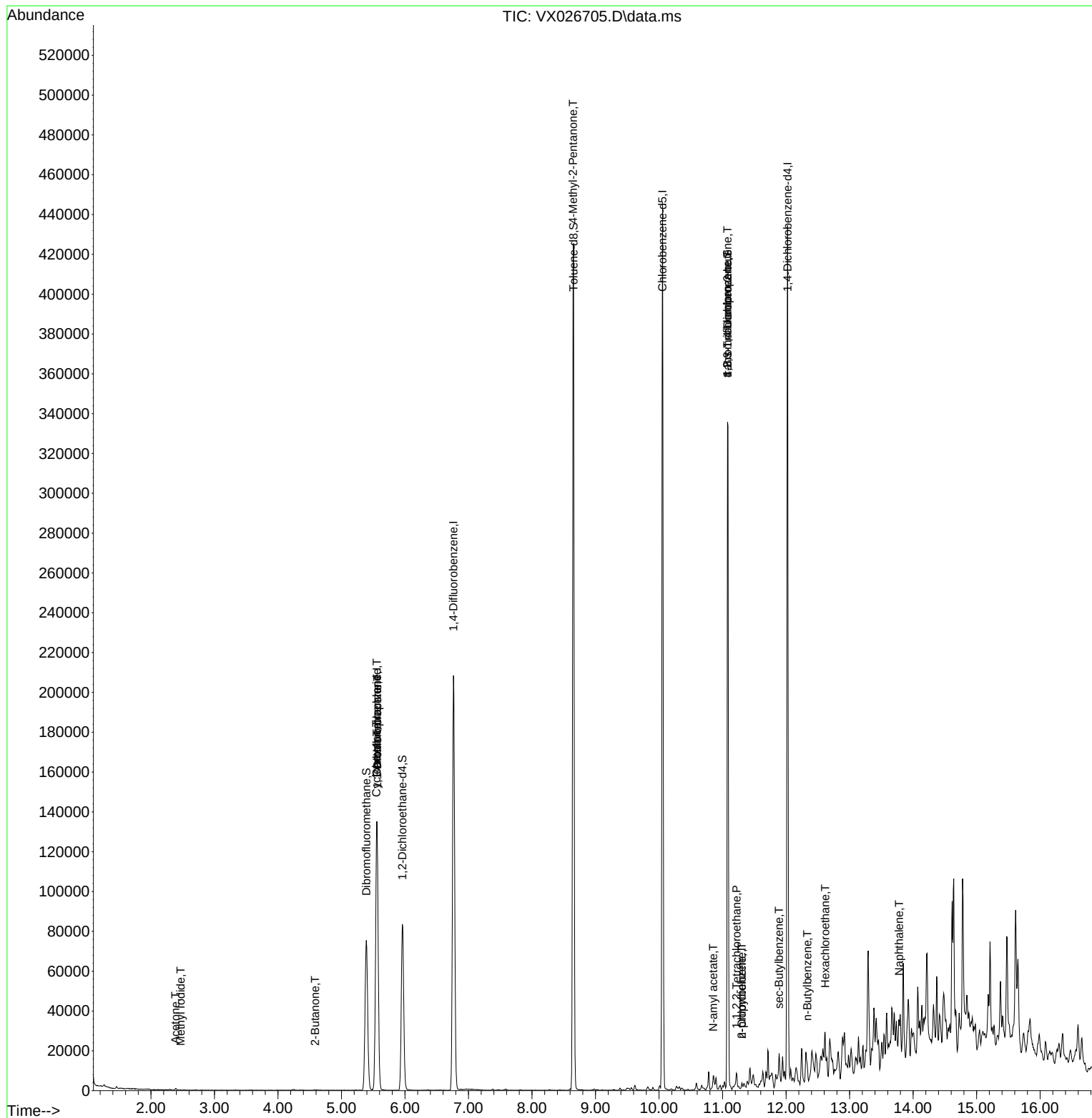
Target Compounds					Qvalue	
10) Methyl Iodide	2.465	142	187	4.558	ug/l #	50
16) Acetone	2.386	43	1113	1.220	ug/l	97
25) 2-Butanone	4.587	43	338	0.285	ug/l #	50
31) Cyclohexane	5.550	56	2570	0.974	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	10148	4.634	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12907	5.730	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1158	0.546	ug/l #	1
74) N-amyl acetate	10.854	43	917	0.337	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	552	0.291	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	46467	24.507	ug/l #	40
78) n-propylbenzene	11.305	91	1861	0.231	ug/l	97
79) 2-Chlorotoluene	11.305	91	1861	0.381	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	46467	74.591	ug/l #	4
85) sec-Butylbenzene	11.890	105	1664	0.237	ug/l	83
89) n-Butylbenzene	12.335	91	2613	0.516	ug/l #	71
90) Hexachloroethane	12.616	117	974	3.124	ug/l #	14
95) Naphthalene	13.780	128	12908	2.107	ug/l #	90

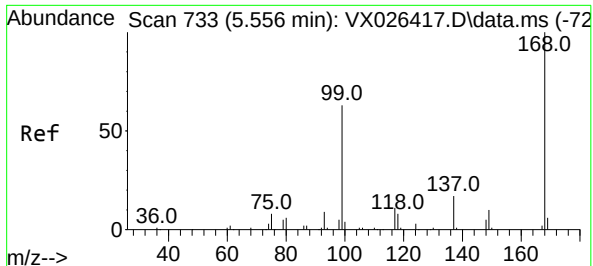
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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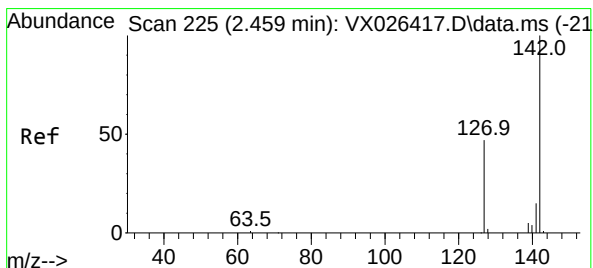
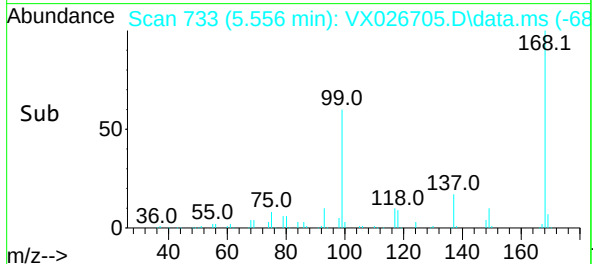
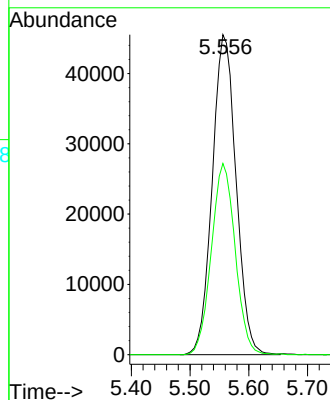
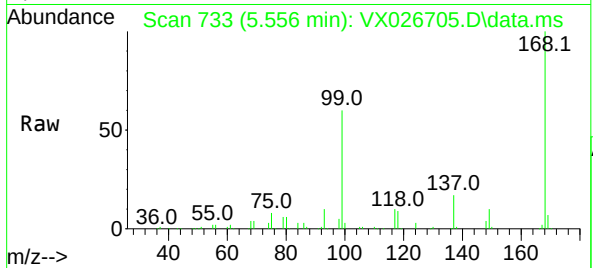




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

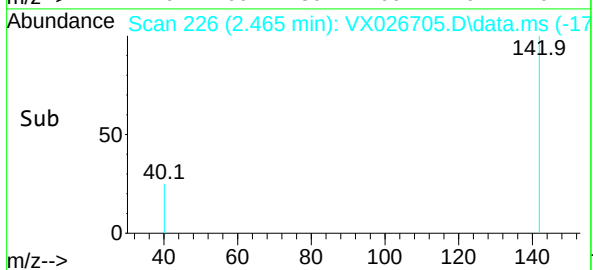
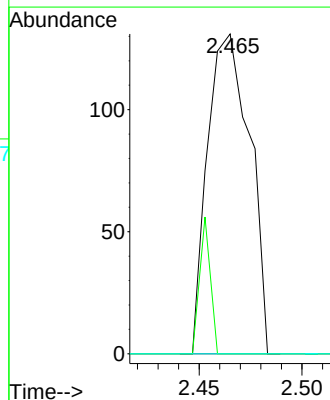
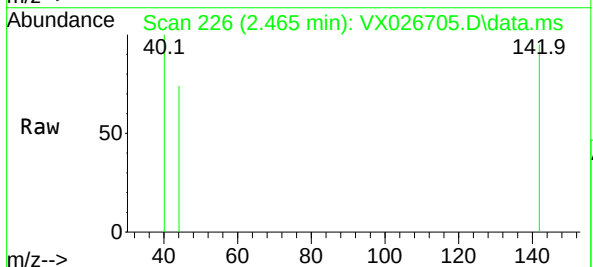
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

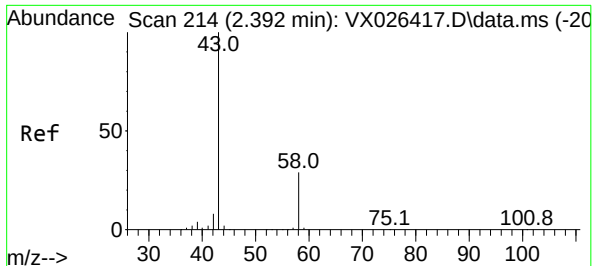
Tgt Ion:168 Resp: 128104
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#10
Methyl Iodide
Concen: 4.558 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 10.7 38.1 57.1#
141 0.0 11.2 16.8#

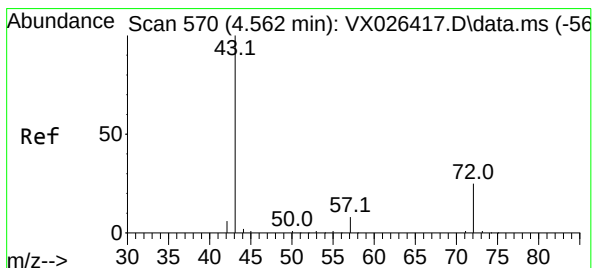
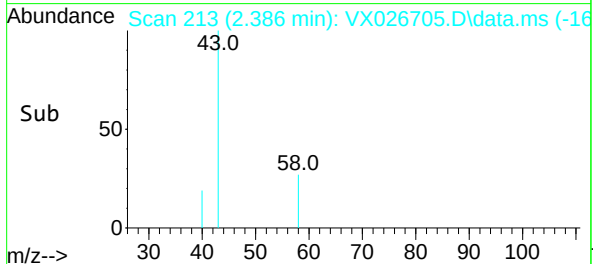
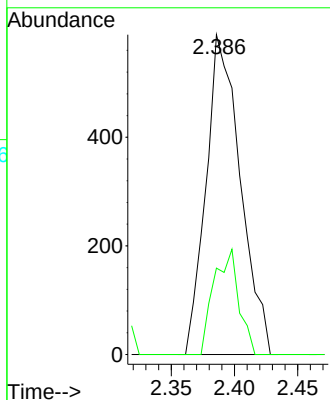
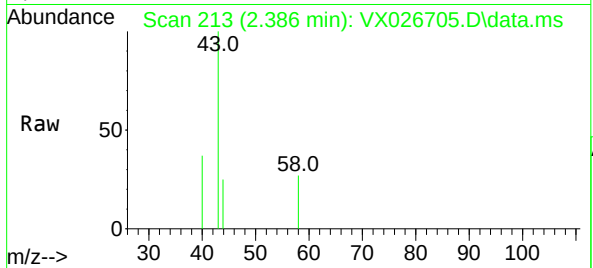




#16
Acetone
Concen: 1.220 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

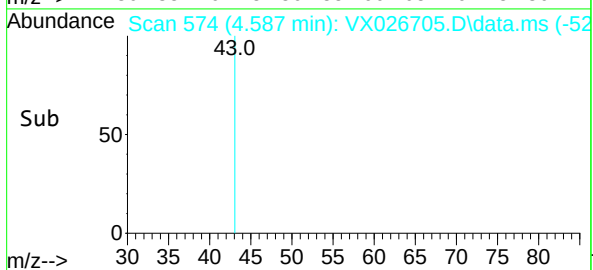
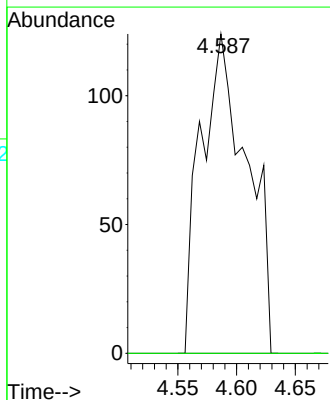
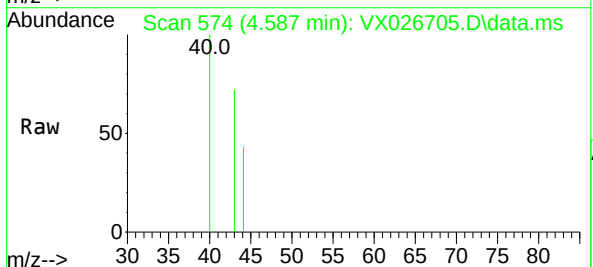
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MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

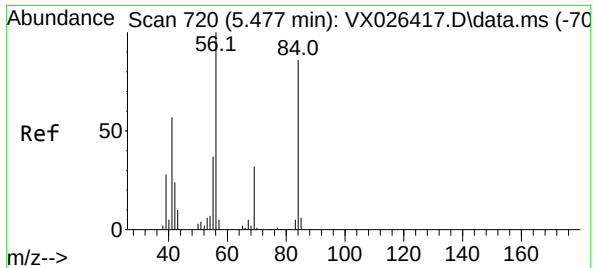
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 27.0 23.0 34.6



#25
2-Butanone
Concen: 0.285 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

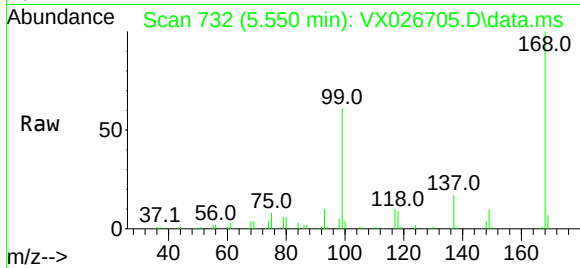
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



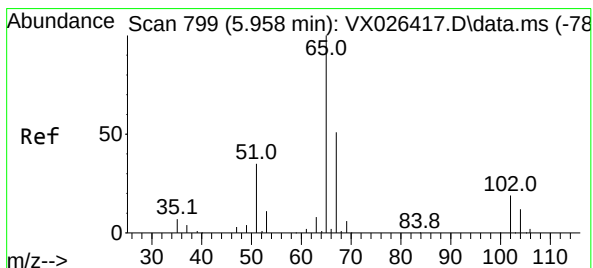
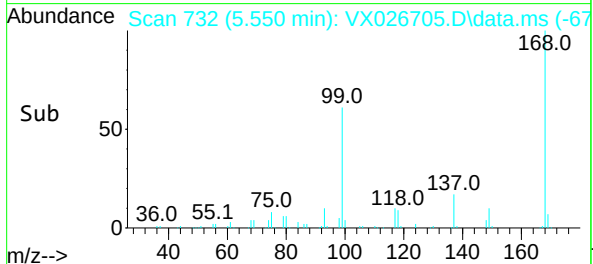
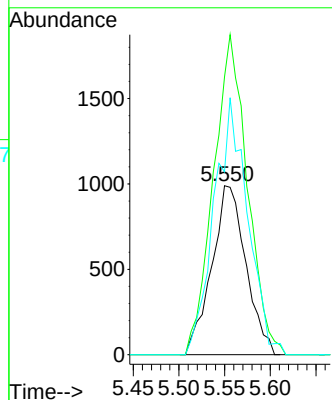


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

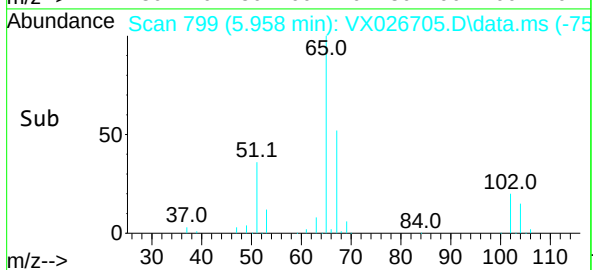
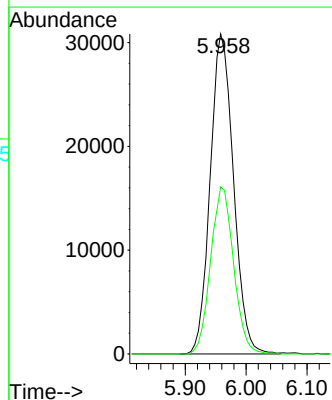
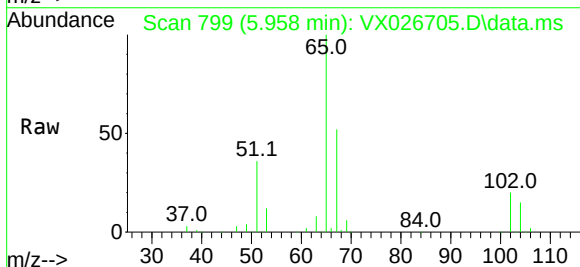


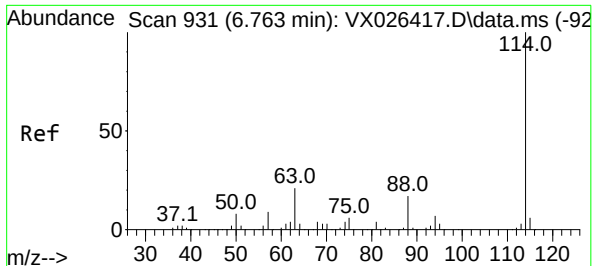
Tgt Ion: 56 Resp: 2570
Ion Ratio Lower Upper
56 100
69 164.3 25.8 38.6#
84 108.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.748 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion: 65 Resp: 81866
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8

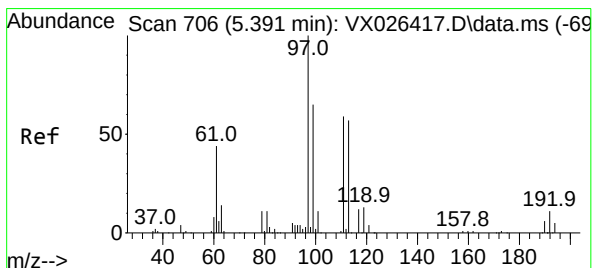
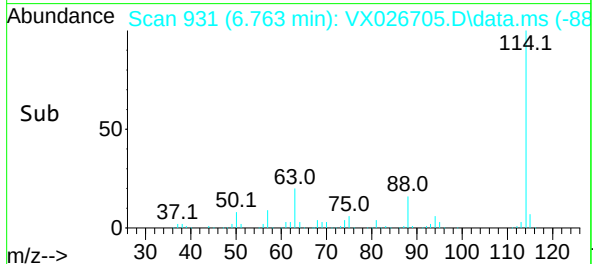
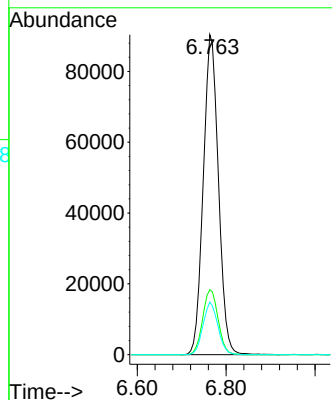
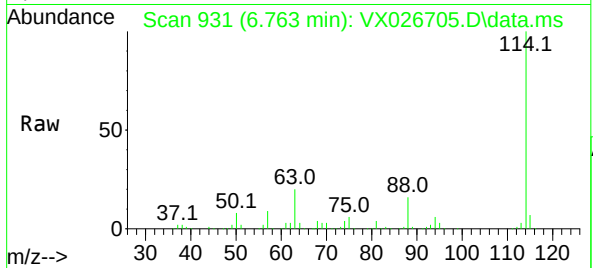




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

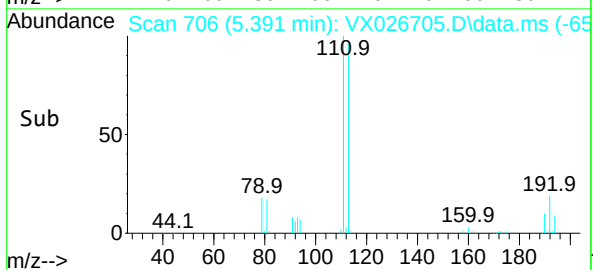
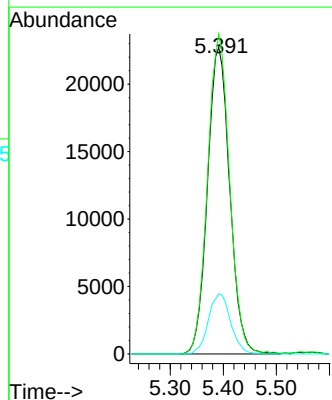
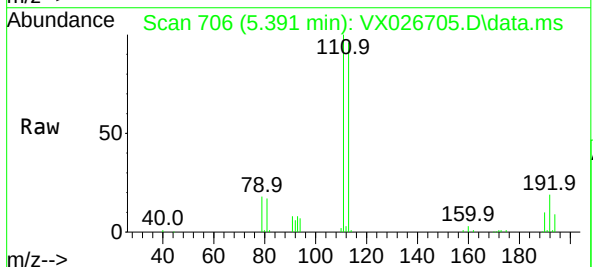
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

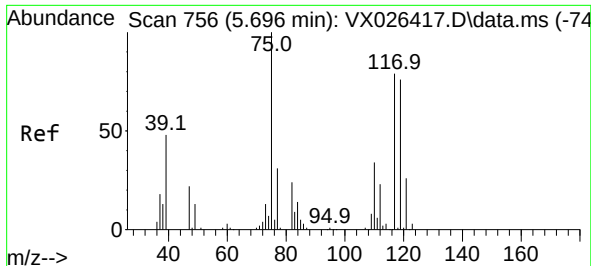
Tgt Ion:114 Resp: 214792
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.692 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion:113 Resp: 66151
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 19.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.634 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX026705.D

Acq: 01 Feb 2022 14:34

Instrument :

MSVOA_X

ClientSampleId :

1-CHEVALIER-AVE

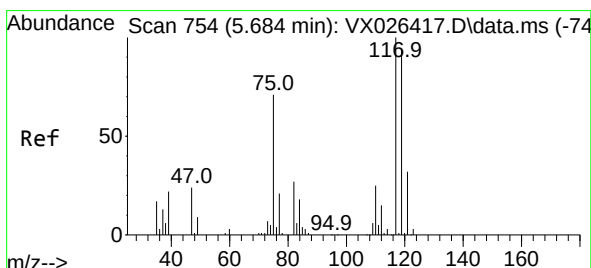
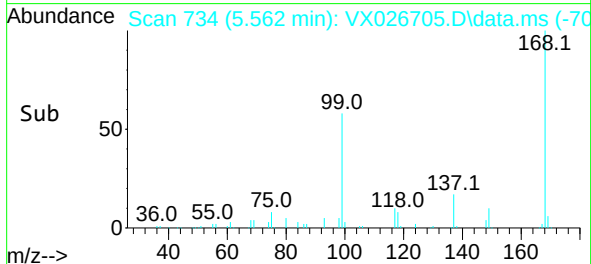
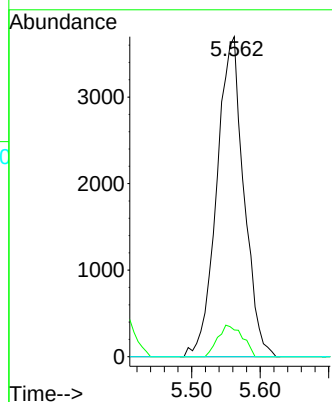
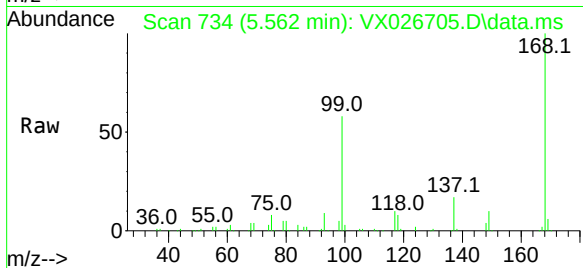
Tgt Ion: 75 Resp: 10148

Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.730 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026705.D

Acq: 01 Feb 2022 14:34

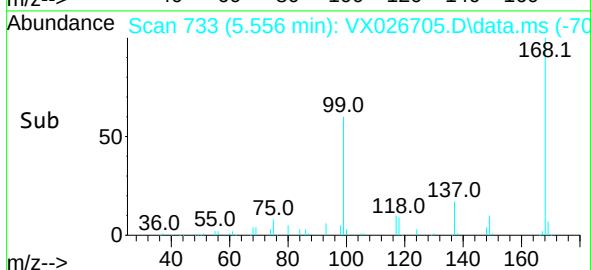
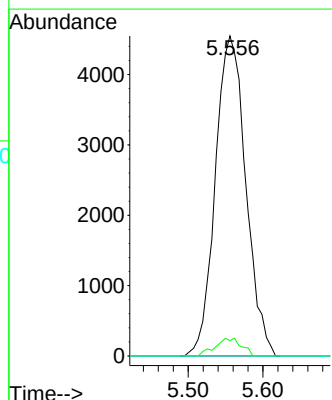
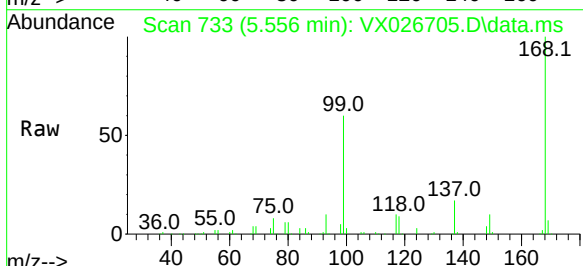
Tgt Ion: 117 Resp: 12907

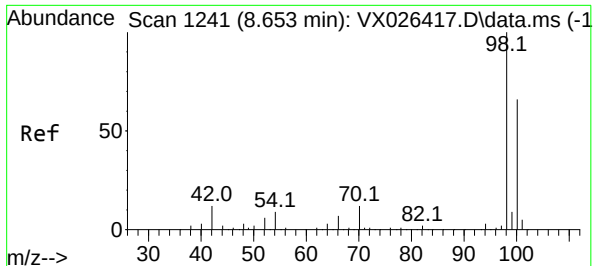
Ion Ratio Lower Upper

117 100

119 4.8 74.7 112.1#

121 0.0 25.4 38.0#

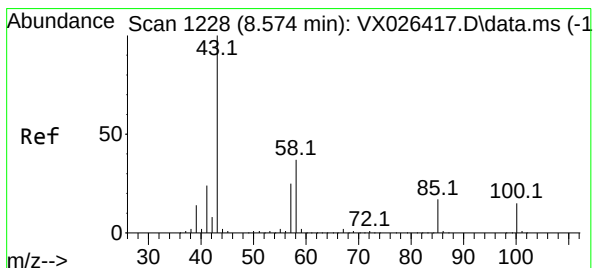
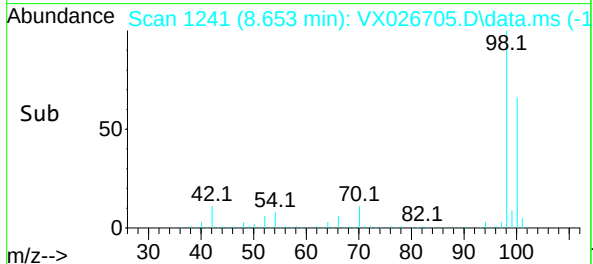
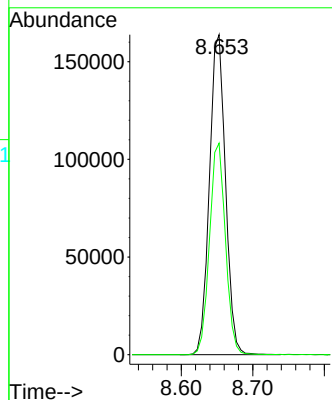
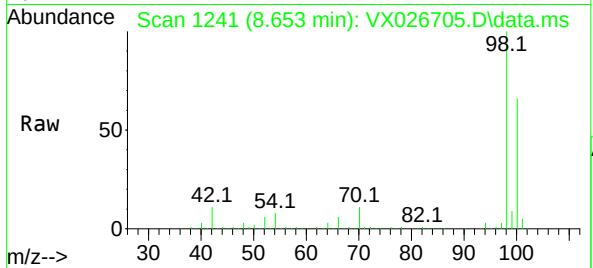




#50
Toluene-d8
Concen: 51.144 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

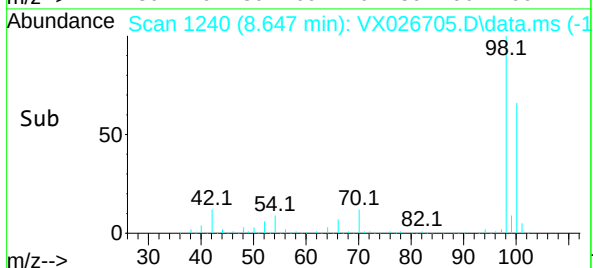
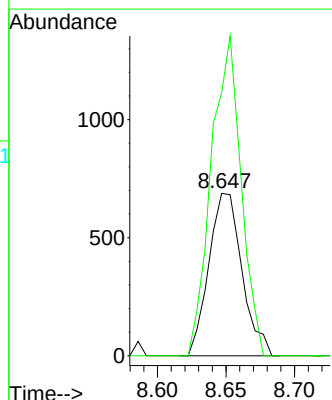
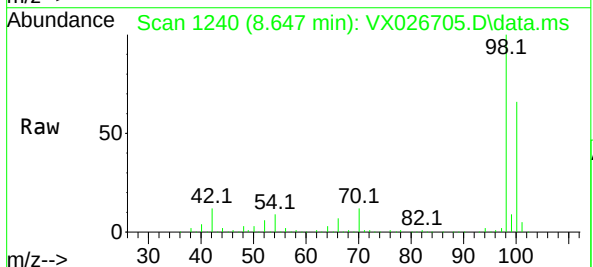
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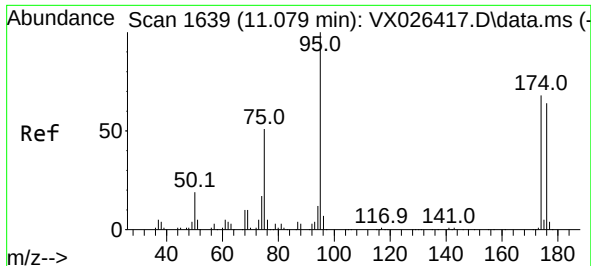
Tgt Ion: 98 Resp: 255636
Ion Ratio Lower Upper
98 100
100 65.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 177.2 30.5 45.7#

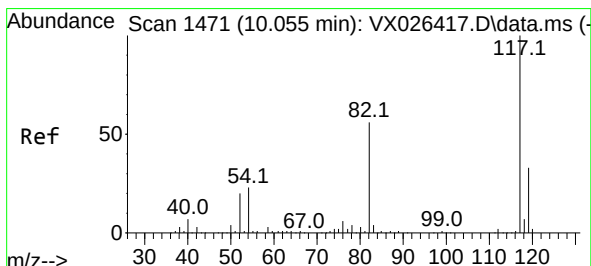
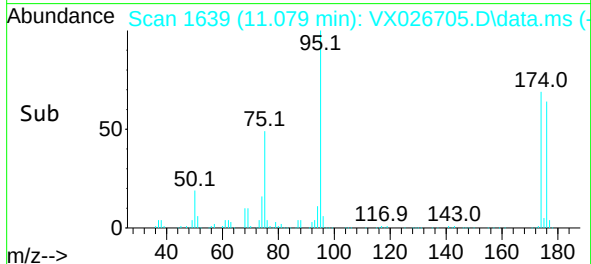
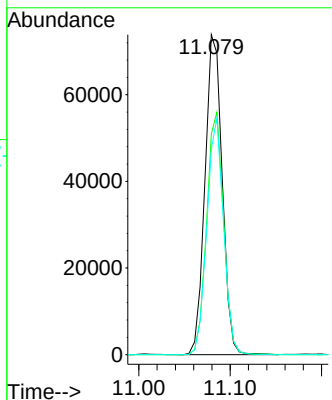
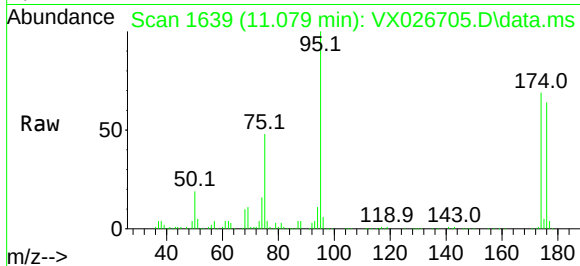




#62
4-Bromofluorobenzene
Concen: 54.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

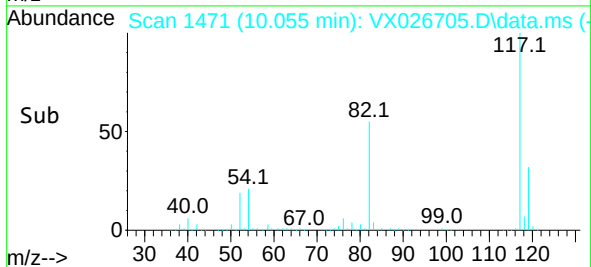
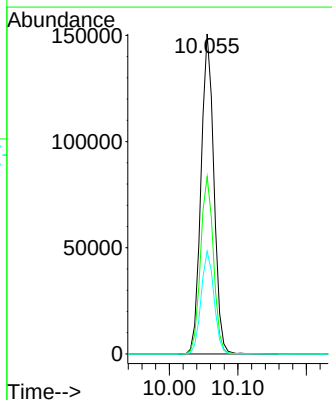
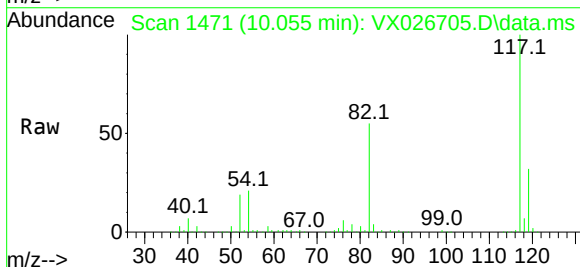
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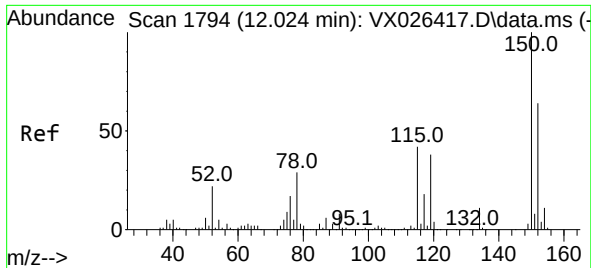
Tgt Ion: 95 Resp: 96276
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion: 117 Resp: 197285
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 32.1 26.2 39.2

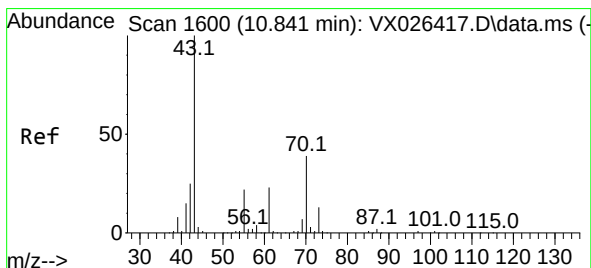
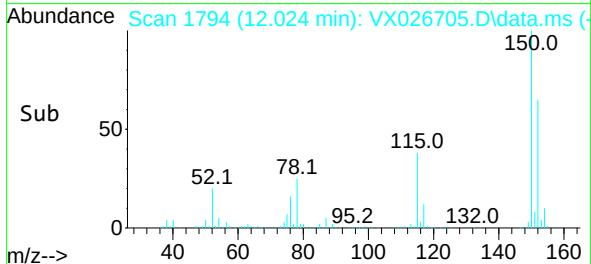
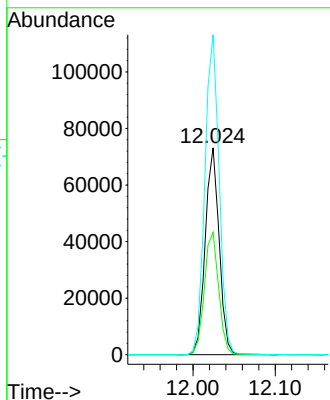
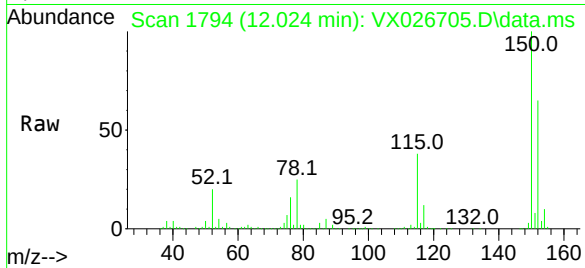




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

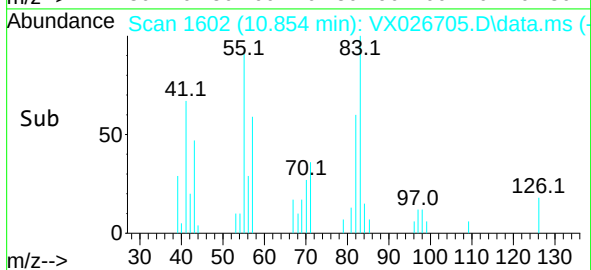
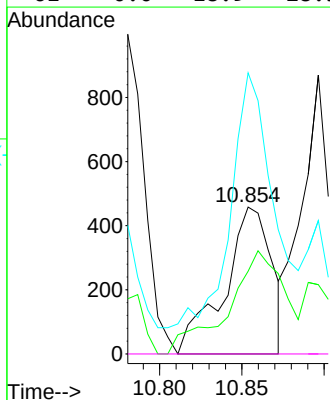
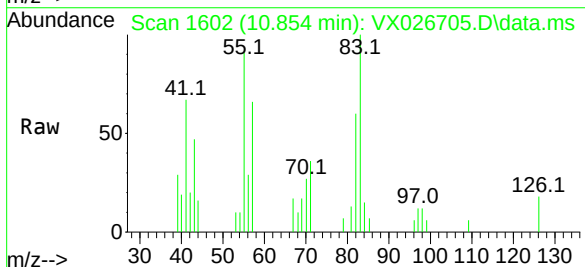
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

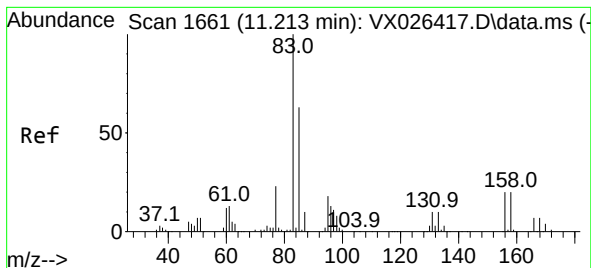
Tgt Ion:152 Resp: 86114
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 158.6 0.0 348.2



#74
N-ethyl acetate
Concen: 0.337 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
70 83.5 32.9 49.3#
55 153.7 18.3 27.5#
61 0.0 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.291 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX026705.D

Acq: 01 Feb 2022 14:34

Instrument :

MSVOA_X

ClientSampleId :

1-CHEVALIER-AVE

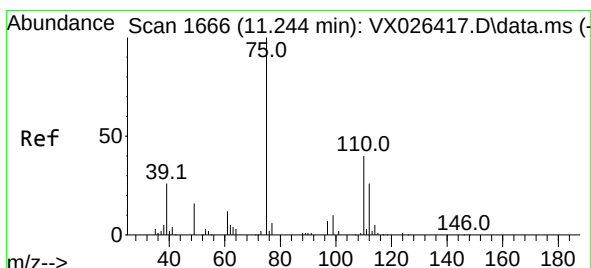
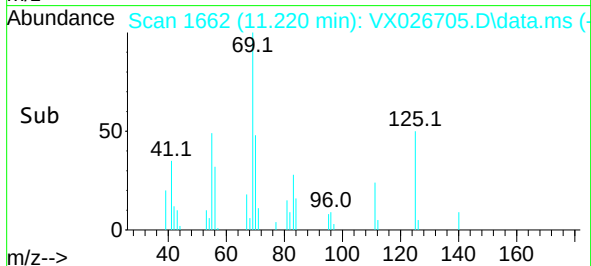
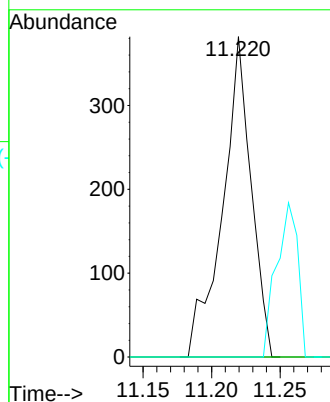
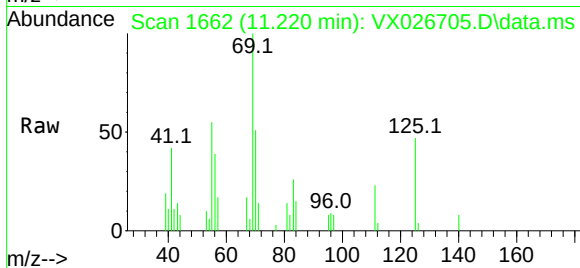
Tgt Ion: 83 Resp: 552

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 24.507 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026705.D

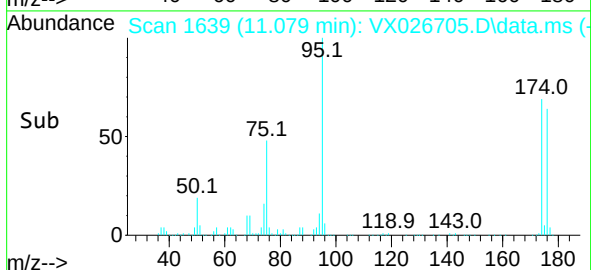
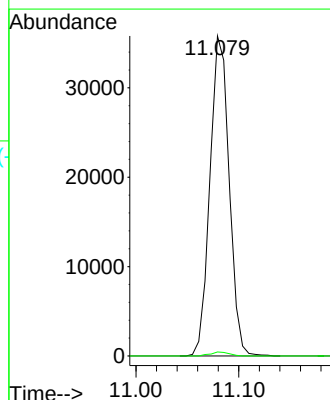
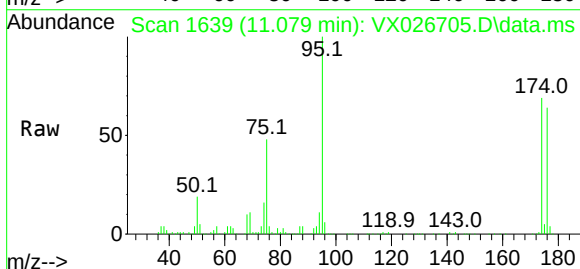
Acq: 01 Feb 2022 14:34

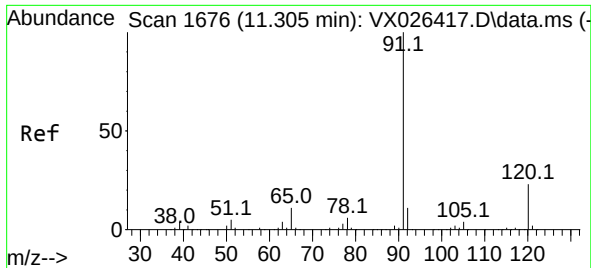
Tgt Ion: 75 Resp: 46467

Ion Ratio Lower Upper

75 100

77 1.2 18.3 54.8#

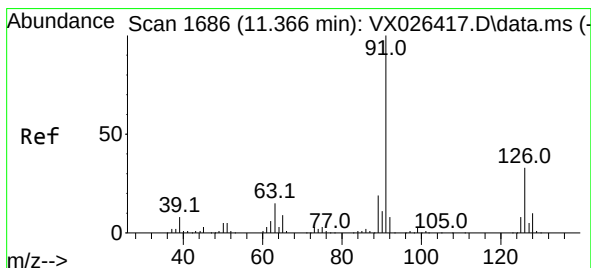
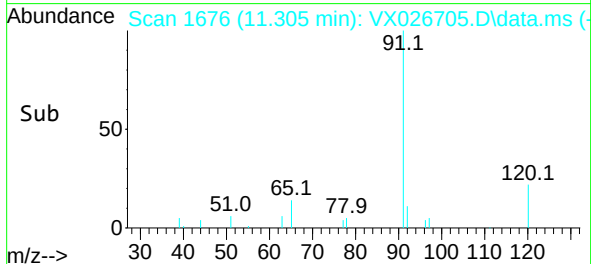
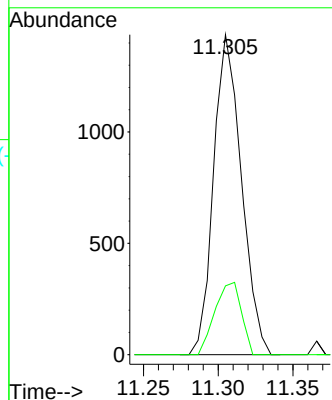
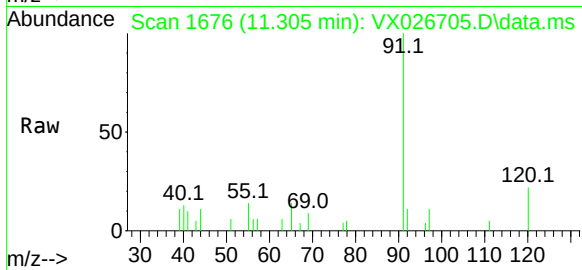




#78
n-propylbenzene
Concen: 0.231 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

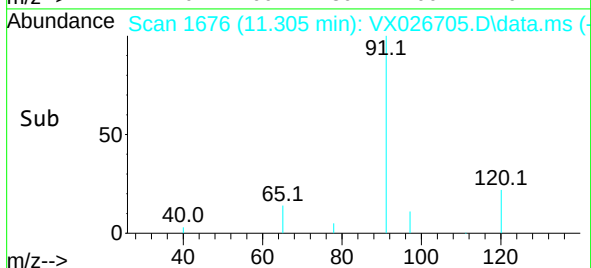
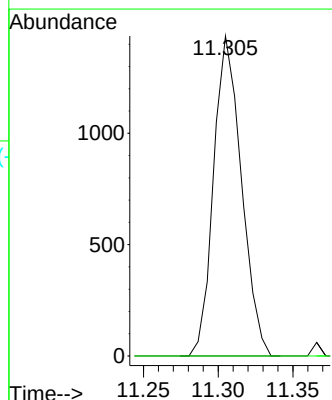
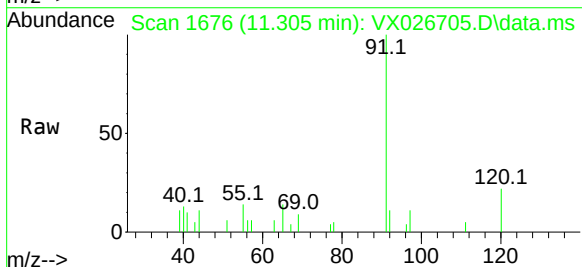
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

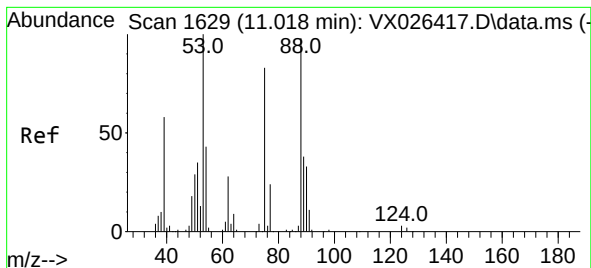
Tgt Ion: 91 Resp: 1861
Ion Ratio Lower Upper
91 100
120 21.4 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.381 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion: 91 Resp: 1861
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

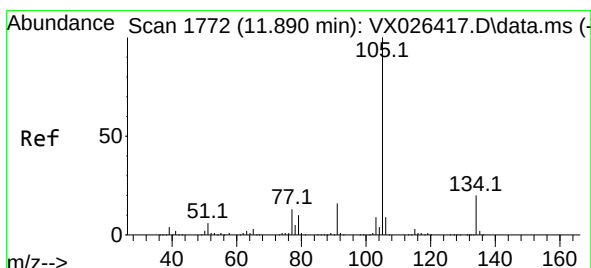
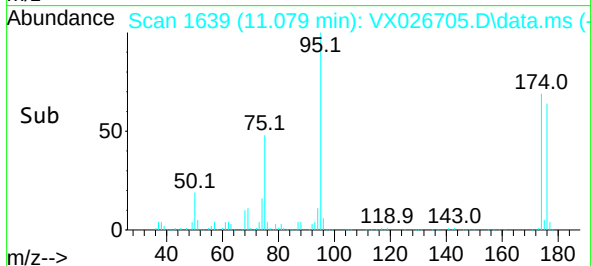
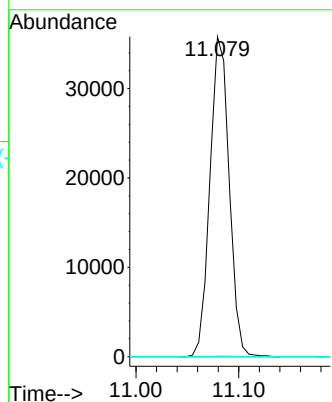
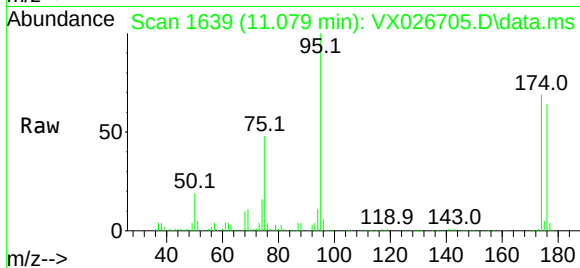




#81
trans-1,4-Dichloro-2-butene
Concen: 74.591 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

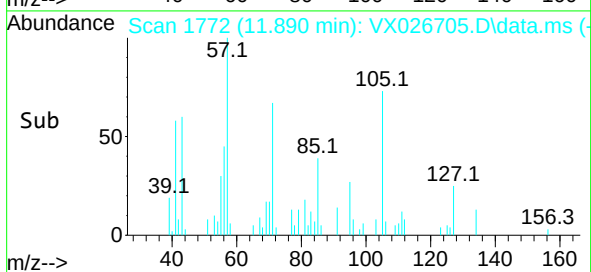
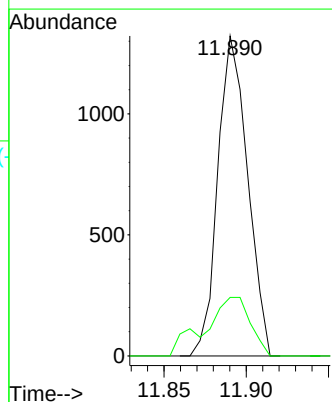
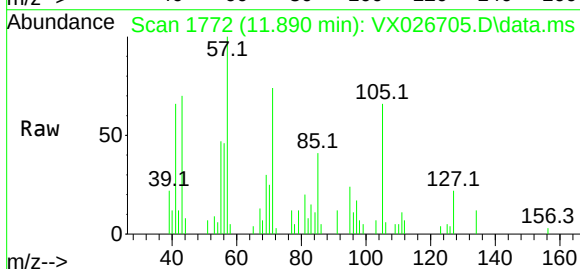
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

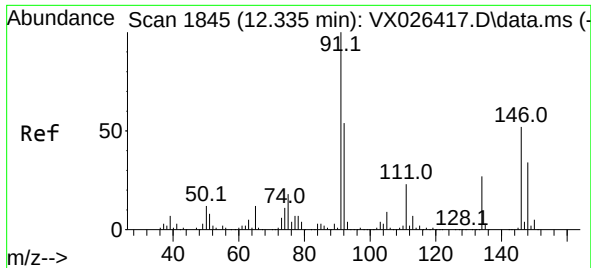
Tgt Ion: 75 Resp: 46467
Ion Ratio Lower Upper
75 100
53 0.1 94.0 141.0#
89 0.0 37.0 55.4#



#85
sec-Butylbenzene
Concen: 0.237 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Tgt Ion: 105 Resp: 1664
Ion Ratio Lower Upper
105 100
134 27.9 10.1 30.1

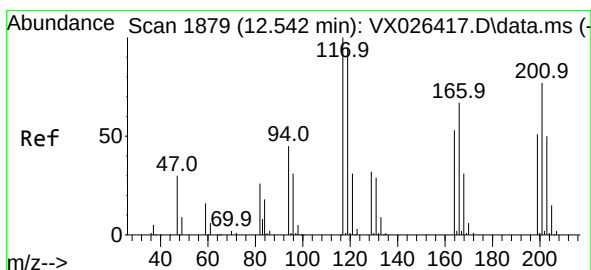
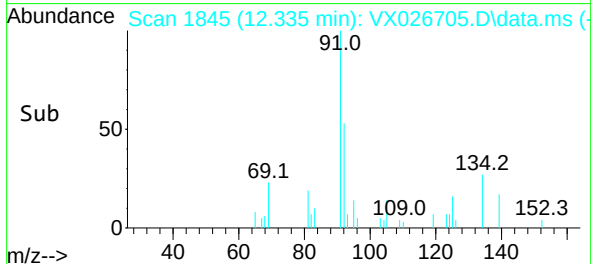
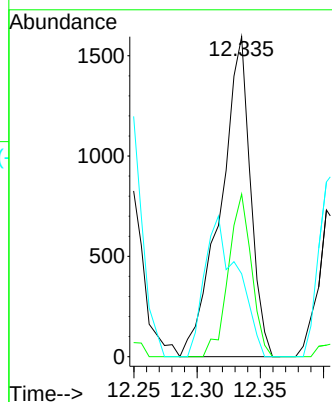
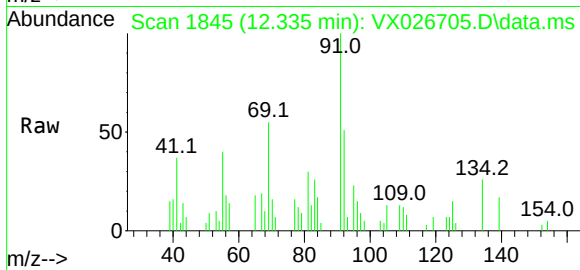




#89
n-Butylbenzene
Concen: 0.516 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

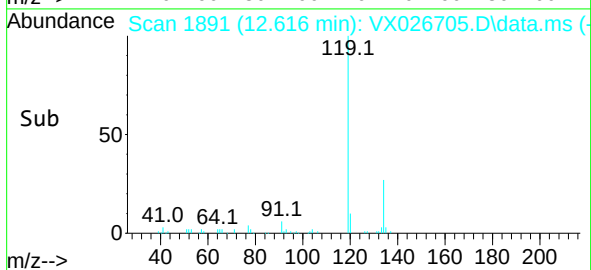
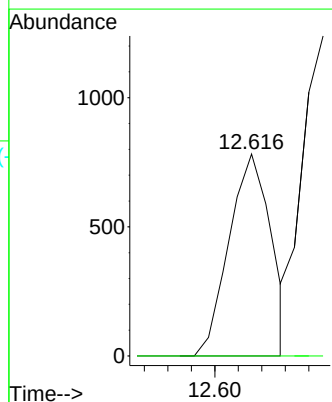
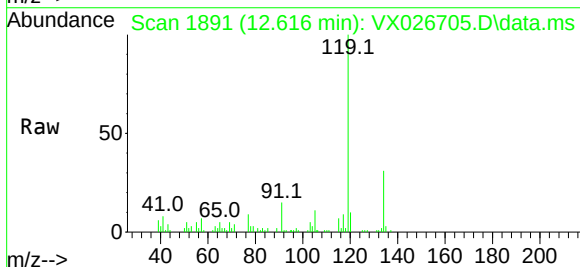
Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE

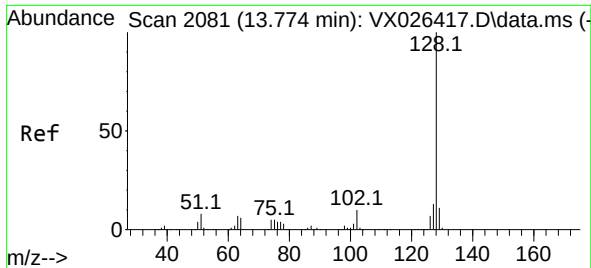
Tgt Ion: 91 Resp: 2613
Ion Ratio Lower Upper
91 100
92 39.4 27.2 81.6
134 49.0 13.1 39.1#



#90
Hexachloroethane
Concen: 3.124 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

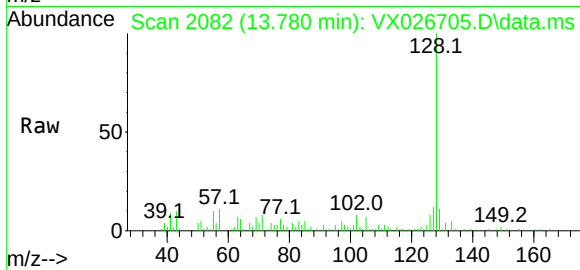
Tgt Ion: 117 Resp: 974
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#





#95
Naphthalene
Concen: 2.107 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026705.D
Acq: 01 Feb 2022 14:34

Instrument :
MSVOA_X
ClientSampleId :
1-CHEVALIER-AVE



Tgt Ion:128 Resp: 12908
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 15.4 8.7 13.1#

