

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045906.D
 Acq On : 22 Nov 2021 11:29
 Operator : SY/MD
 Sample : VU1122WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:12:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

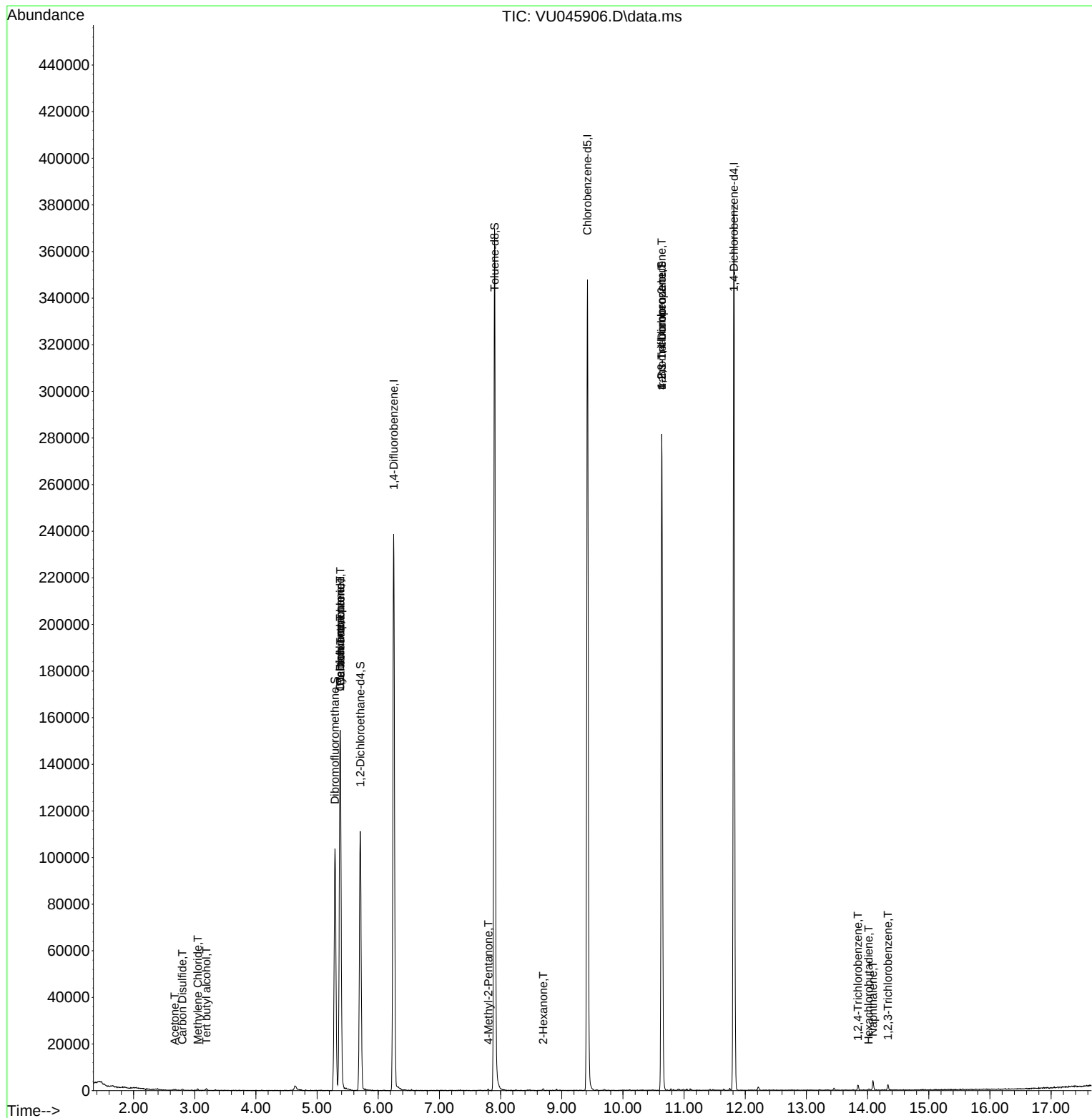
Internal Standards						
1) Pentafluorobenzene	5.378	168	106066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	193586	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	200710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	97919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	82674	52.047	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.100%			
35) Dibromofluoromethane	5.292	113	65932	51.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	7.902	98	251237	52.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.560%			
62) 4-Bromofluorobenzene	10.635	95	94014	48.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.560%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.189	59	393	1.250	ug/l #	72
16) Acetone	2.671	43	574	0.710	ug/l #	42
17) Carbon Disulfide	2.797	76	740	0.226	ug/l #	75
20) Methylene Chloride	3.051	84	351	0.250	ug/l #	70
31) Cyclohexane	5.375	56	2226	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	9104	4.823	ug/l #	50
38) Carbon Tetrachloride	5.378	117	11425	6.004	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	501	0.229	ug/l #	83
59) 2-Hexanone	8.697	43	651	7.867	ug/l	71
76) 1,2,3-Trichloropropane	10.635	75	49726	16.746	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	49726	54.567	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.841	180	904	0.429	ug/l	98
94) Hexachlorobutadiene	14.018	225	242	0.266	ug/l #	31
95) Naphthalene	14.089	128	4246	1.553	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.333	180	879	0.420	ug/l	81

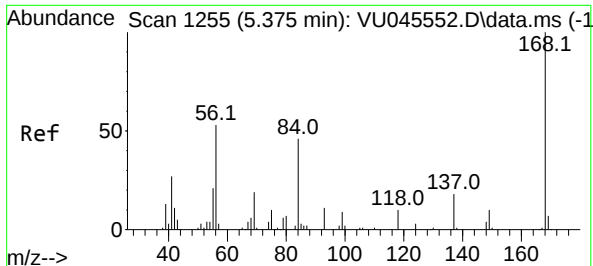
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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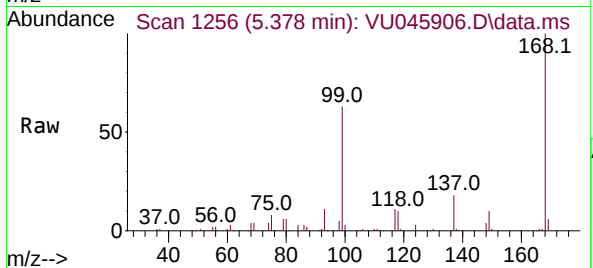
Quant Time: Nov 23 05:12:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



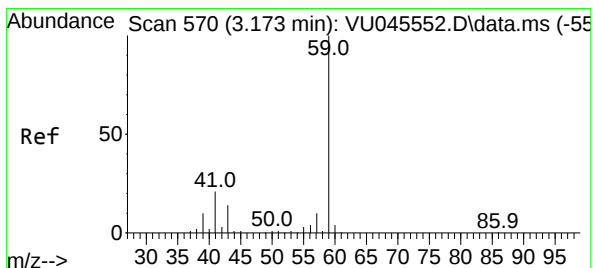
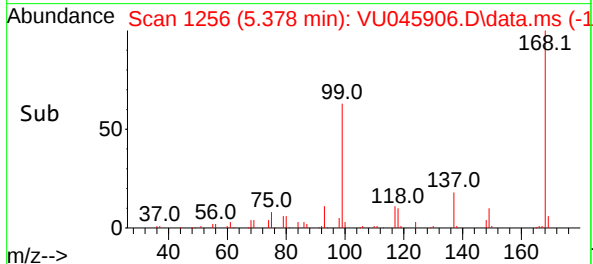
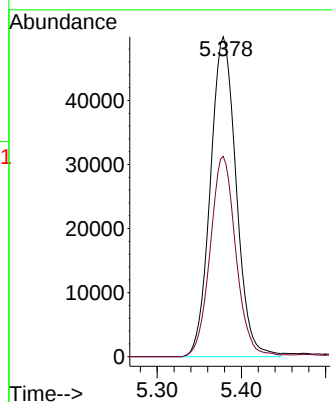


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Instrument :
MSVOA_U
ClientSampleId :

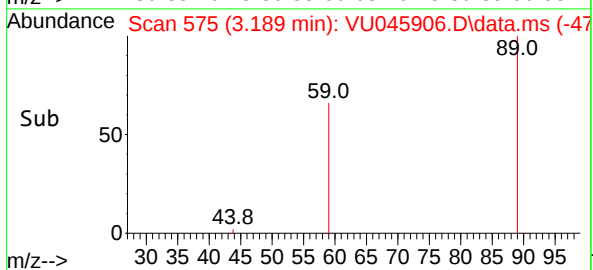
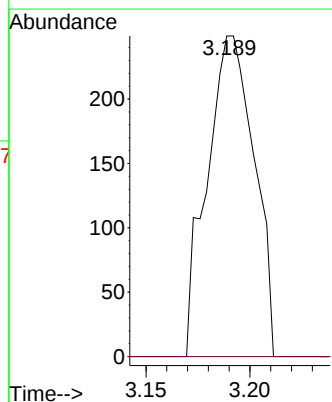
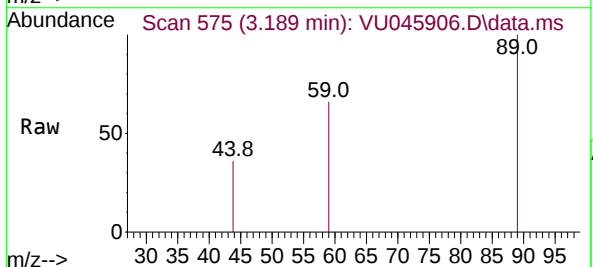


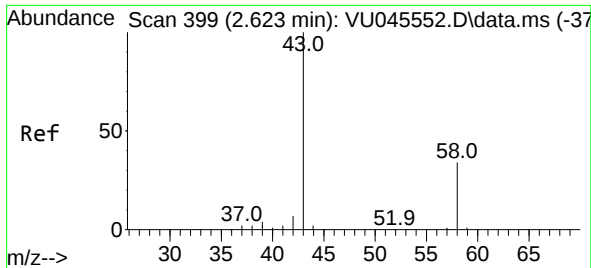
Tgt Ion:168 Resp: 106066
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.250 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.710 ug/l

RT: 2.671 min Scan# 414

Delta R.T. 0.048 min

Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

Instrument :

MSVOA_U

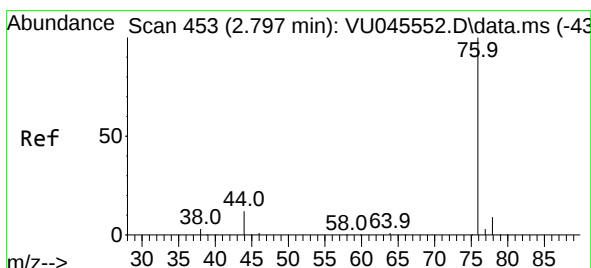
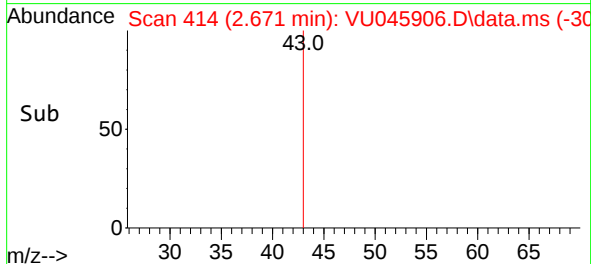
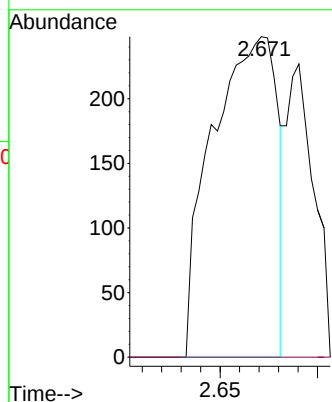
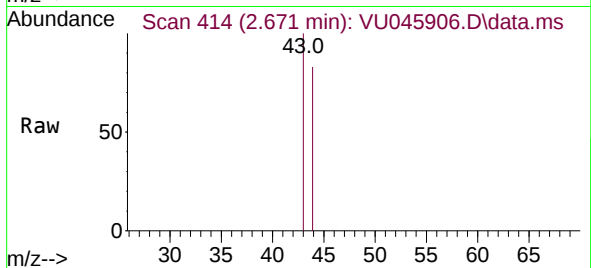
ClientSampleId :

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

58 0.0 26.2 39.2#



#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU045906.D

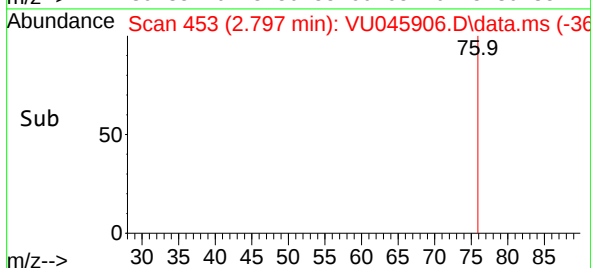
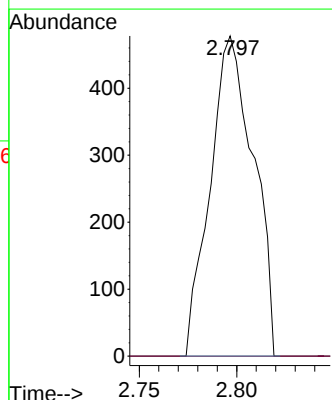
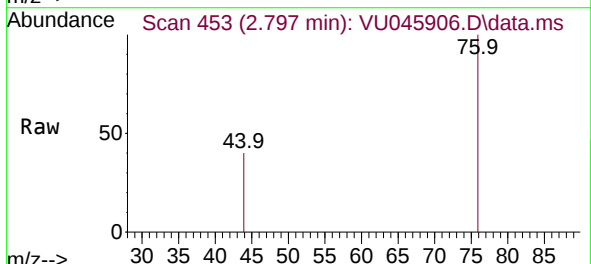
Acq: 22 Nov 2021 11:29

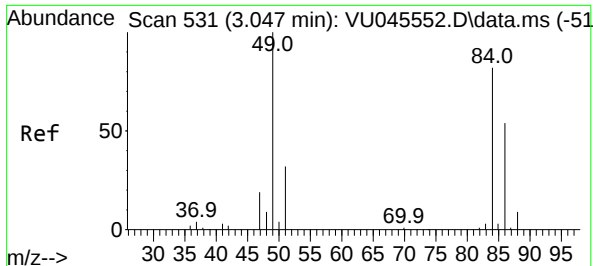
Tgt Ion: 76 Resp: 740

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#





#20

Methylene Chloride

Concen: 0.250 ug/l

RT: 3.051 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 351

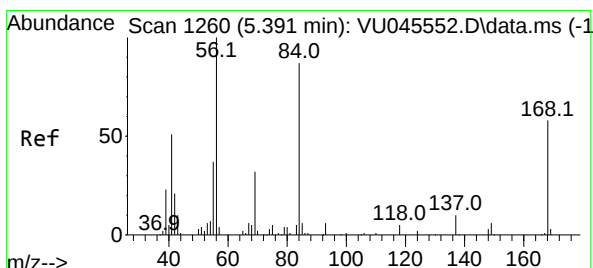
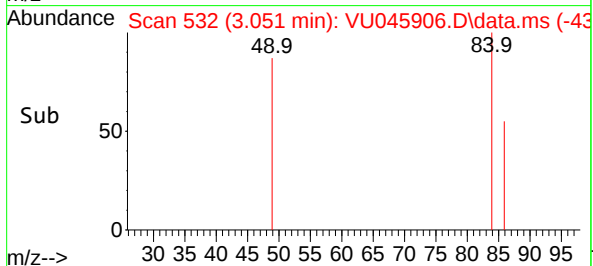
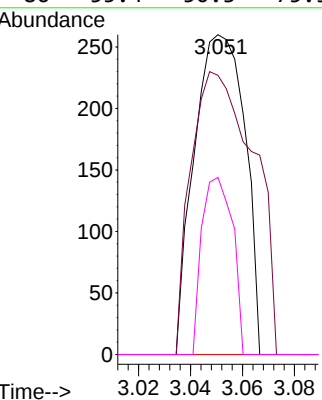
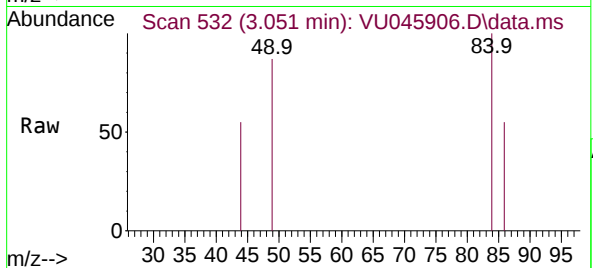
Ion Ratio Lower Upper

84 100

49 87.3 96.4 144.6#

51 0.0 30.5 45.7#

86 55.4 50.3 75.5



#31

Cyclohexane

Concen: 0.960 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

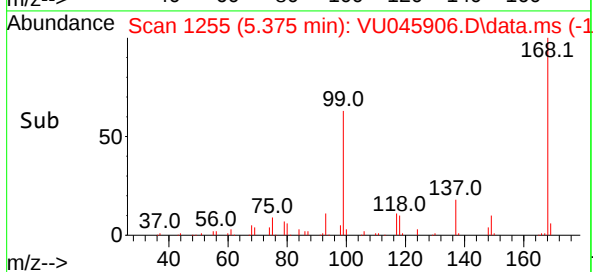
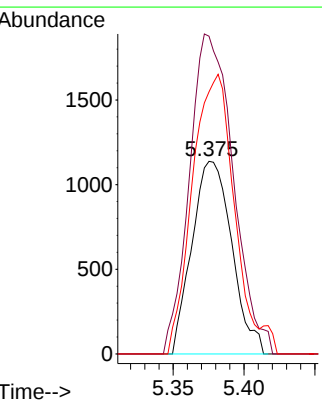
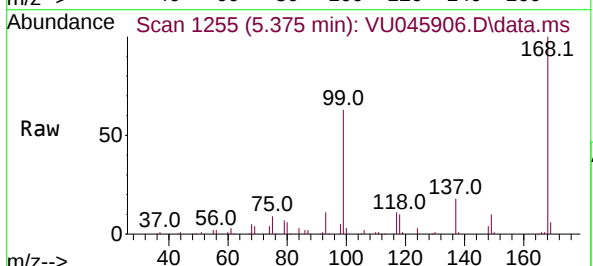
Tgt Ion: 56 Resp: 2226

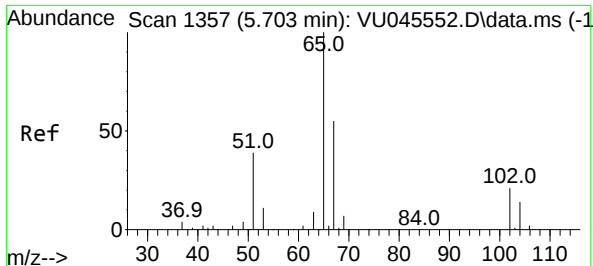
Ion Ratio Lower Upper

56 100

69 153.3 26.4 39.6#

84 136.0 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.047 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

Instrument :

MSVOA_U

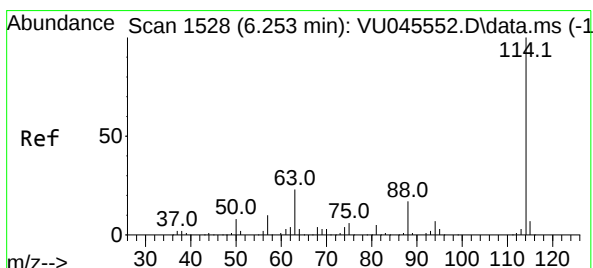
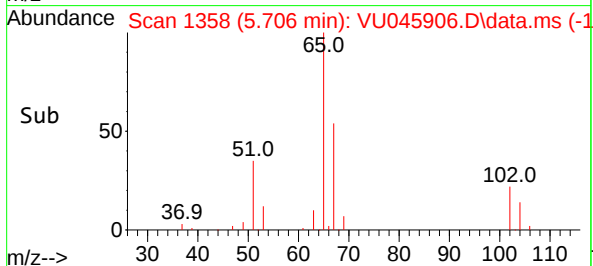
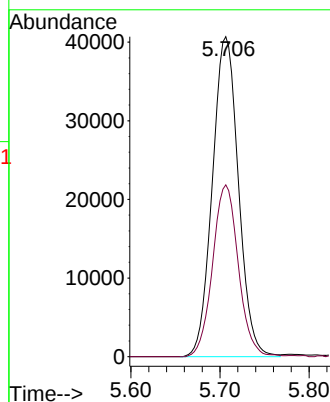
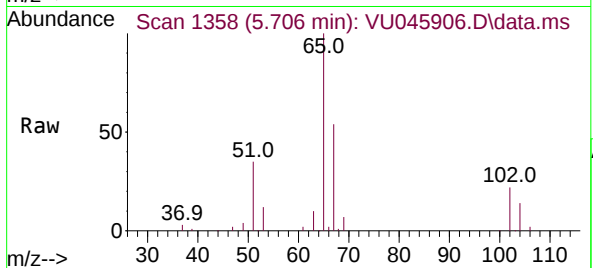
ClientSampleId :

Tgt Ion: 65 Resp: 82674

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

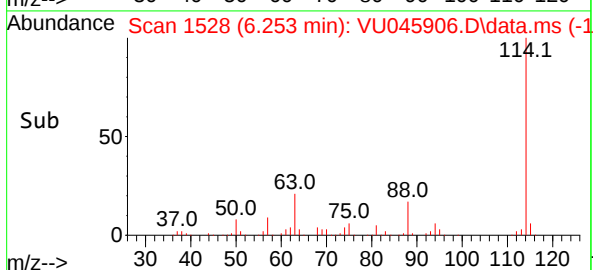
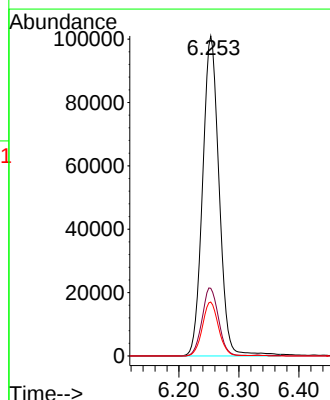
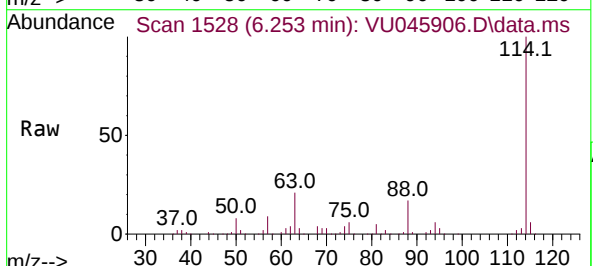
Tgt Ion: 114 Resp: 193586

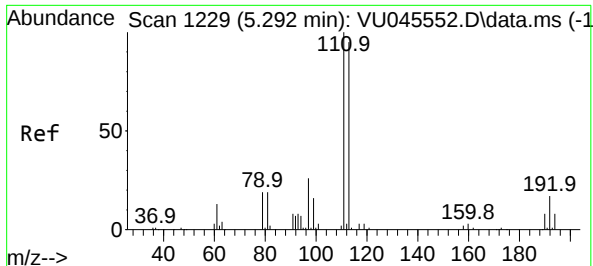
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.6

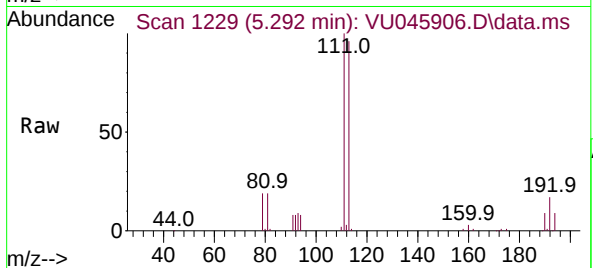
88 16.8 0.0 33.8



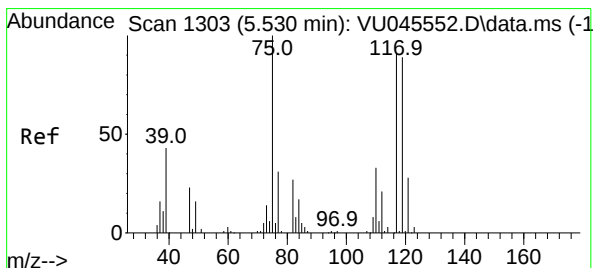
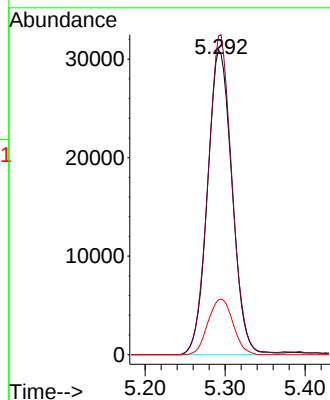
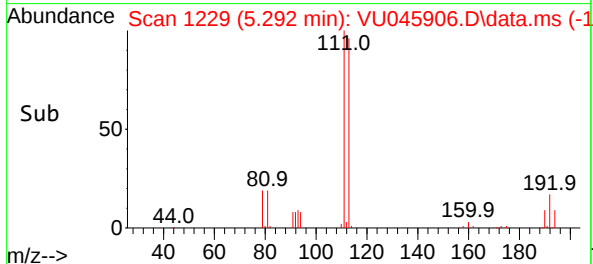


#35
Dibromofluoromethane
Concen: 51.012 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Instrument :
MSVOA_U
ClientSampleId :

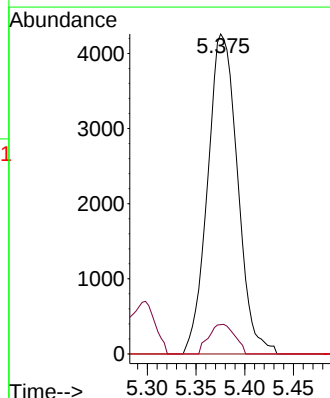
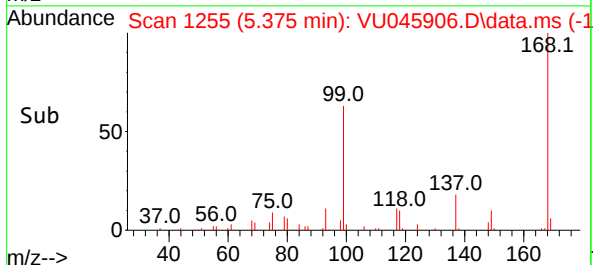
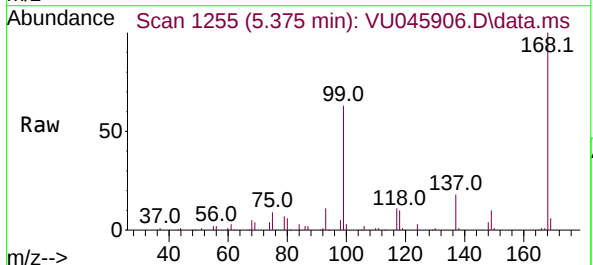


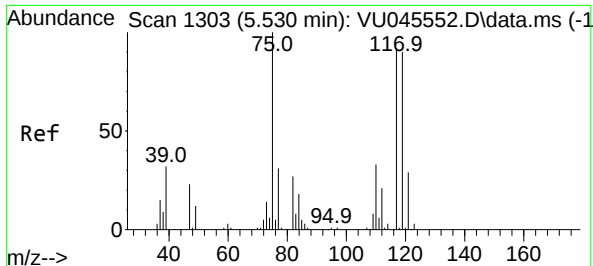
Tgt Ion:113 Resp: 65932
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 18.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

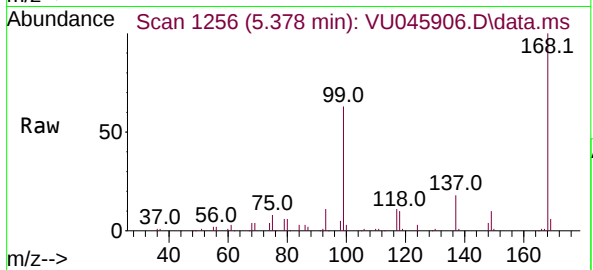
Tgt Ion: 75 Resp: 9104
Ion Ratio Lower Upper
75 100
110 8.0 16.7 50.0#
77 0.0 25.0 37.4#



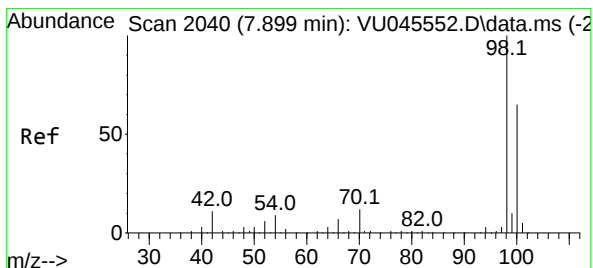
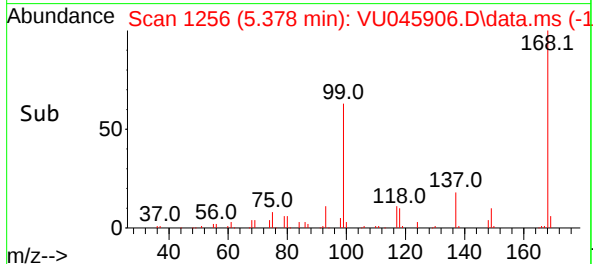
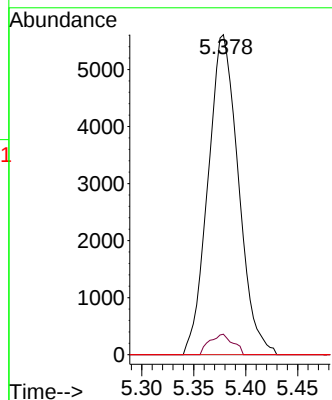


#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Instrument :
MSVOA_U
ClientSampleId :

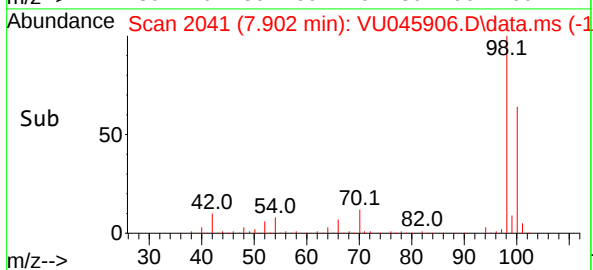
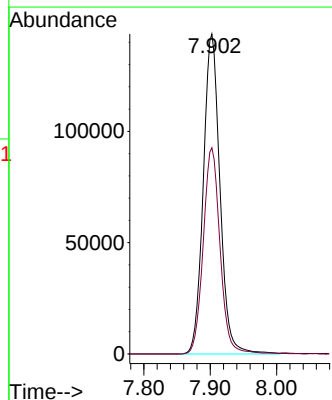
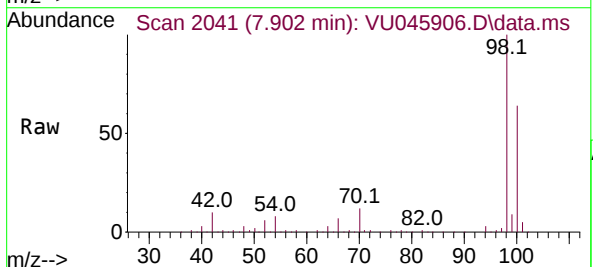


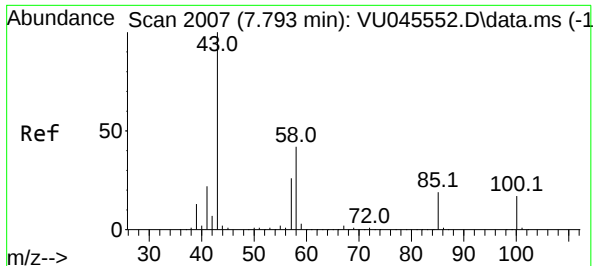
Tgt Ion:117 Resp: 11425
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.275 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Tgt Ion: 98 Resp: 251237
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.229 ug/l

RT: 7.800 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

Instrument :

MSVOA_U

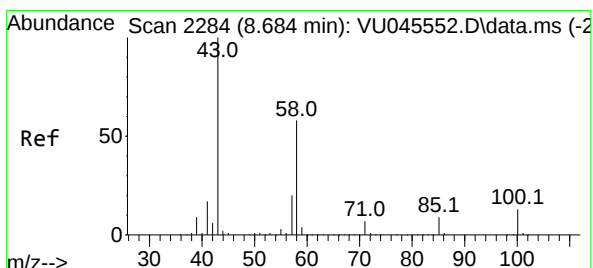
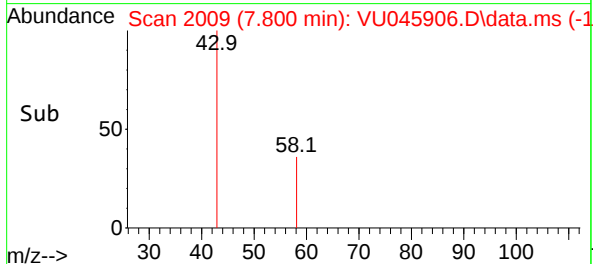
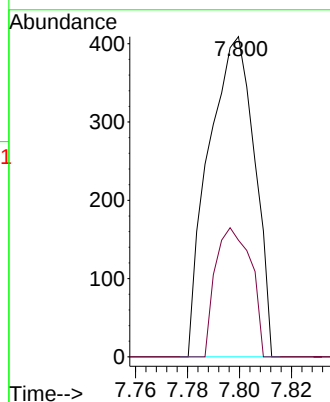
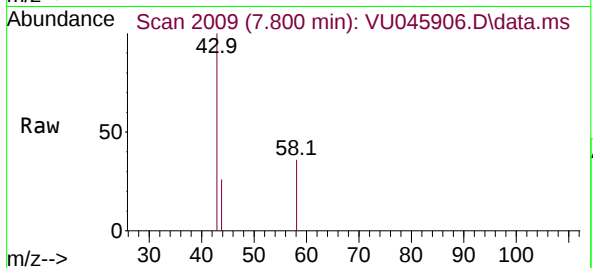
ClientSampleId :

Tgt Ion: 43 Resp: 501

Ion Ratio Lower Upper

43 100

58 31.3 33.8 50.8#



#59

2-Hexanone

Concen: 7.867 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.013 min

Lab File: VU045906.D

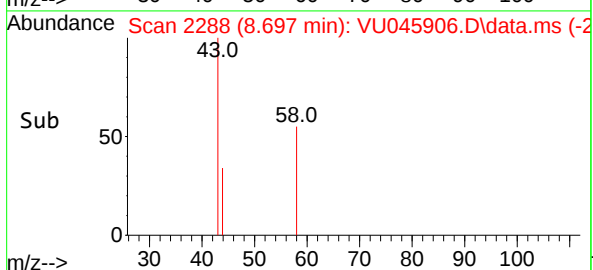
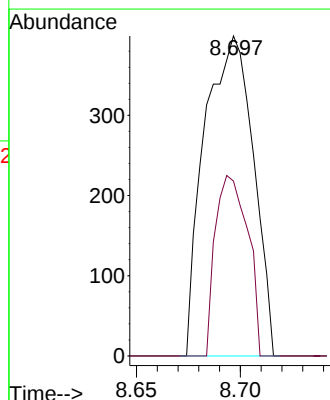
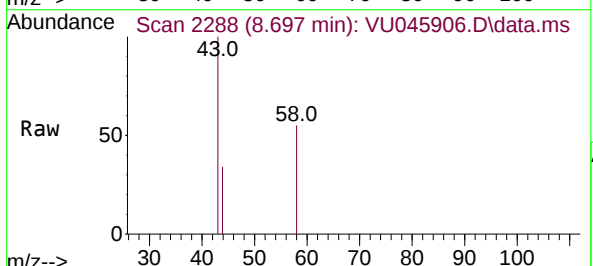
Acq: 22 Nov 2021 11:29

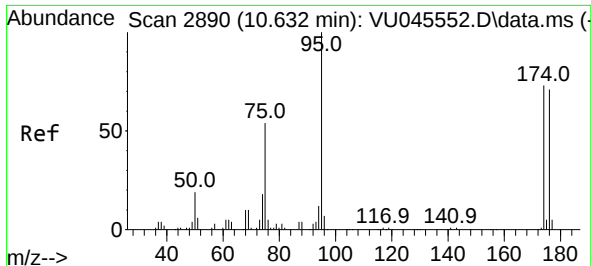
Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 37.3 29.5 88.6

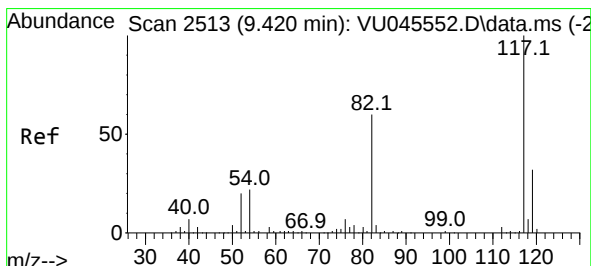
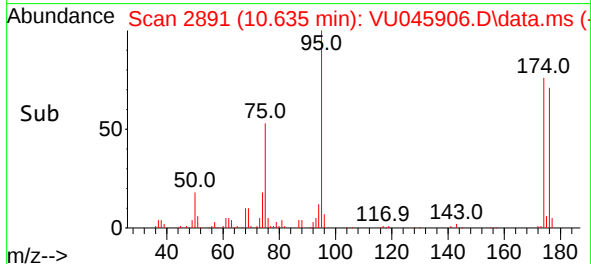
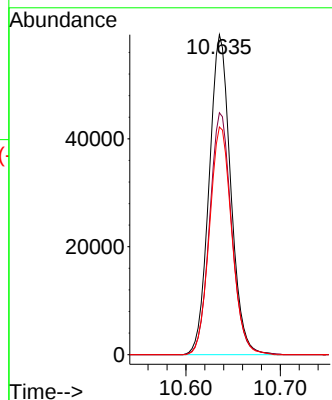
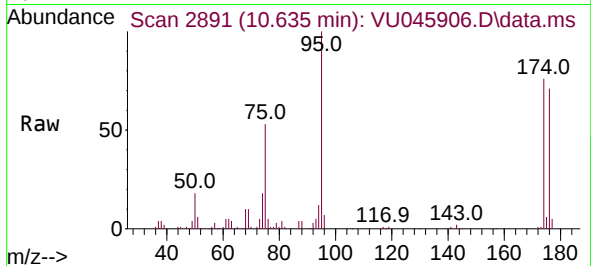




#62
4-Bromofluorobenzene
Concen: 48.783 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

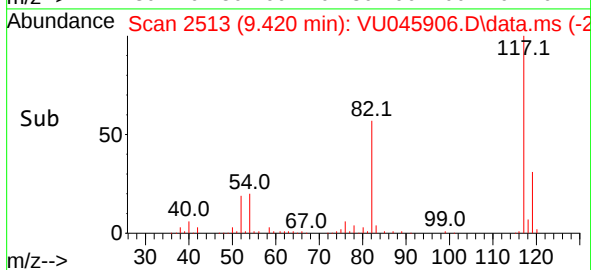
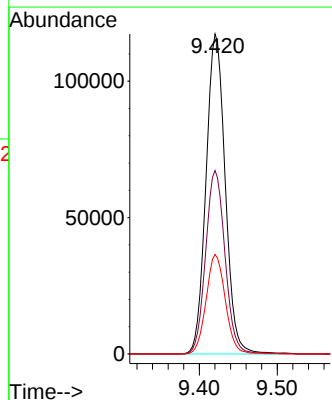
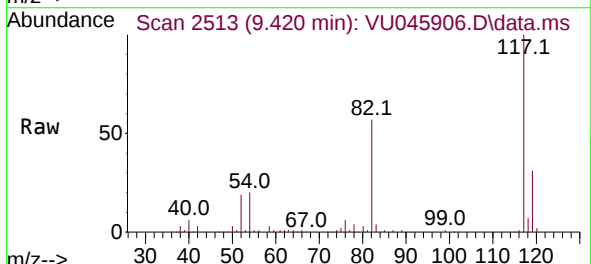
Instrument :
MSVOA_U
ClientSampleId :

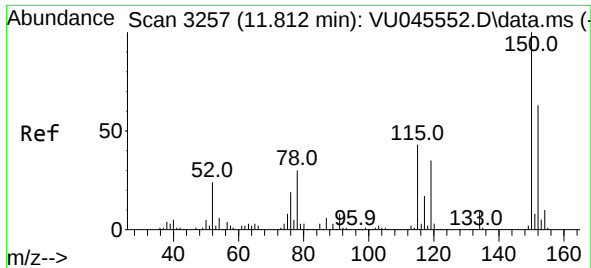
Tgt Ion: 95 Resp: 94014
Ion Ratio Lower Upper
95 100
174 77.1 0.0 141.8
176 73.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Tgt Ion: 117 Resp: 200710
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.8
119 31.1 25.8 38.8

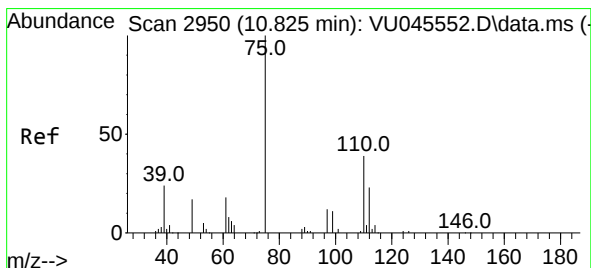
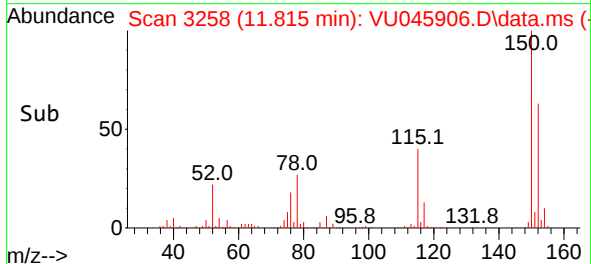
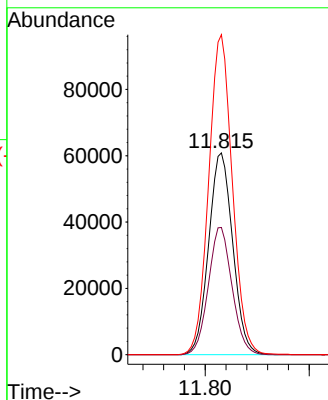
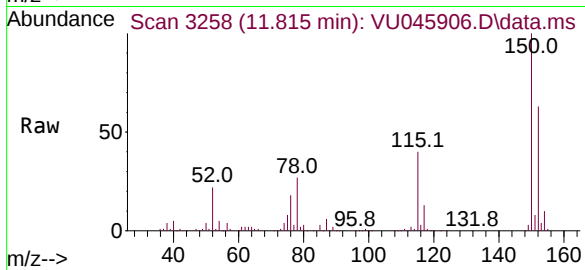




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045906.D
 Acq: 22 Nov 2021 11:29

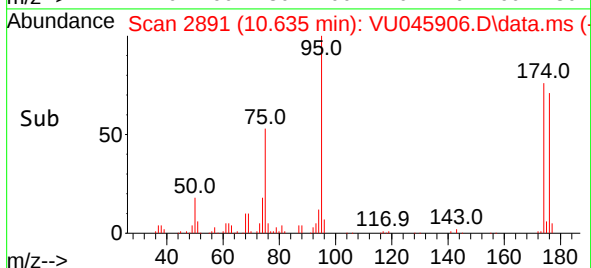
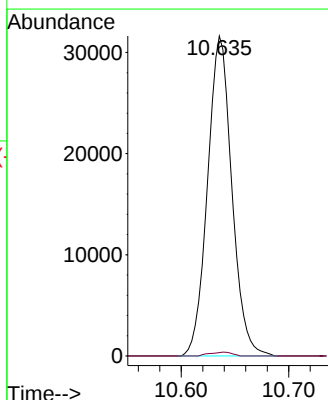
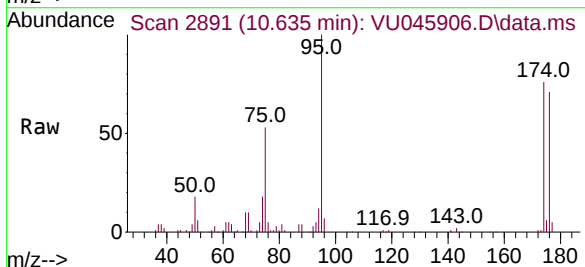
Instrument :
 MSVOA_U
 ClientSampleId :

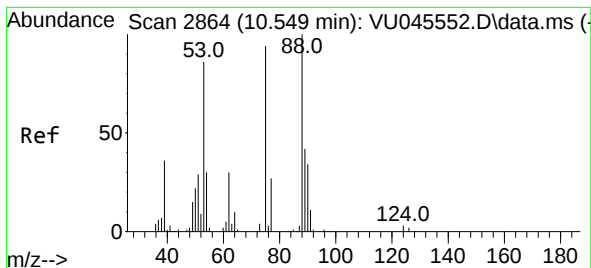
Tgt Ion:152 Resp: 97919
 Ion Ratio Lower Upper
 152 100
 115 62.0 42.7 128.1
 150 155.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.746 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045906.D
 Acq: 22 Nov 2021 11:29

Tgt Ion: 75 Resp: 49726
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

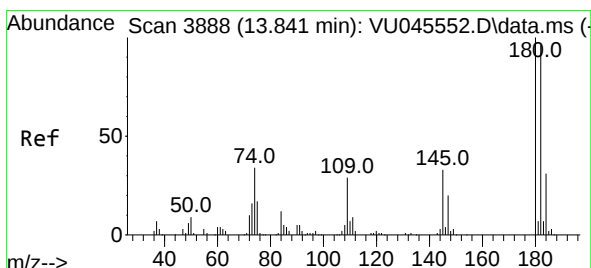
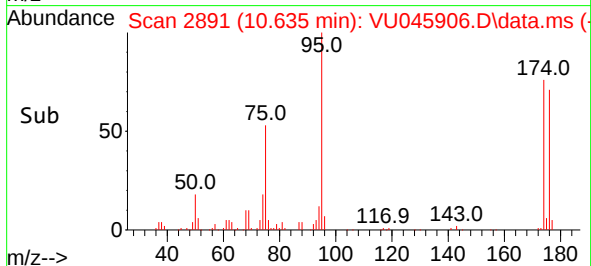
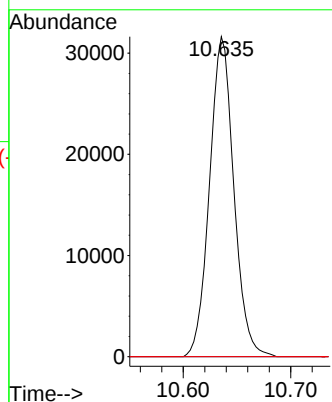
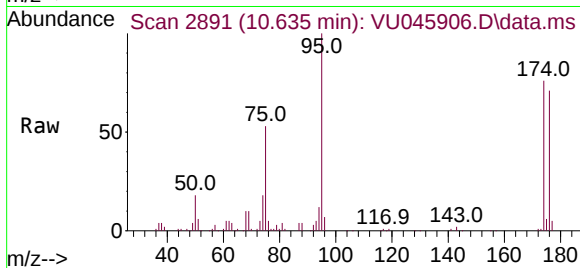




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.567 ug/l
 RT: 10.635 min Scan# 21
 Delta R.T. 0.086 min
 Lab File: VU045906.D
 Acq: 22 Nov 2021 11:29

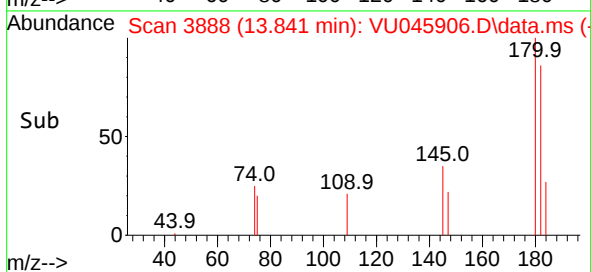
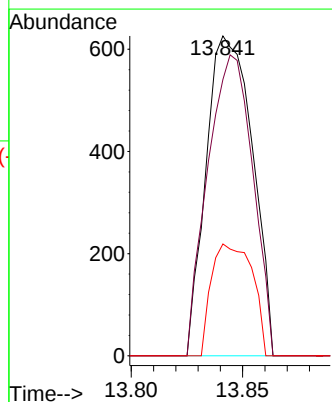
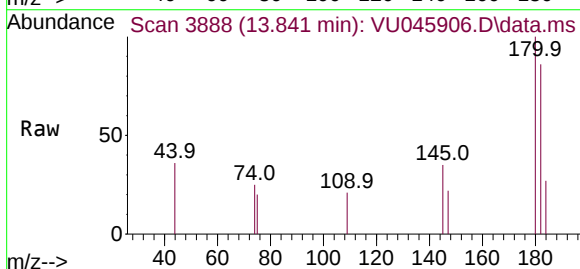
Instrument :
 MSVOA_U
 ClientSampleId :

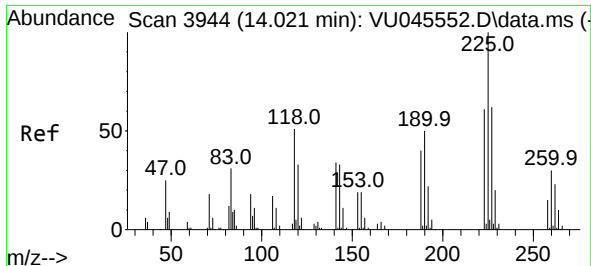
Tgt Ion: 75 Resp: 49726
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.4#
 89 0.0 34.0 51.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.429 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045906.D
 Acq: 22 Nov 2021 11:29

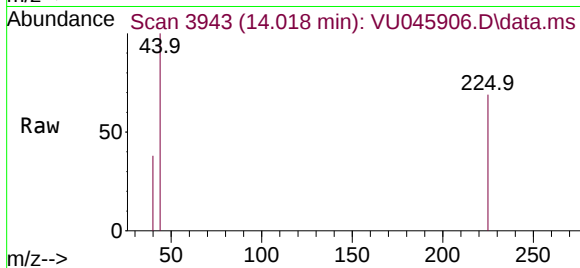
Tgt Ion:180 Resp: 904
 Ion Ratio Lower Upper
 180 100
 182 91.5 47.0 141.2
 145 30.8 15.6 46.7



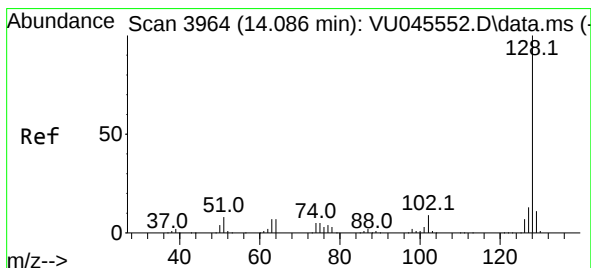
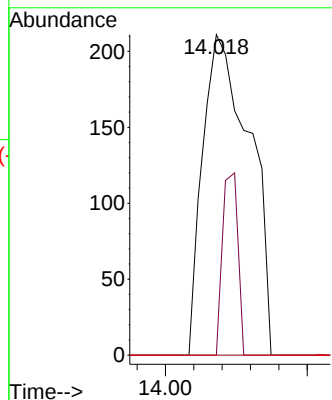
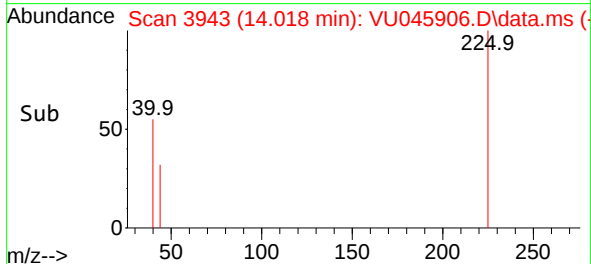


#94
Hexachlorobutadiene
Concen: 0.266 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Instrument :
MSVOA_U
ClientSampleId :

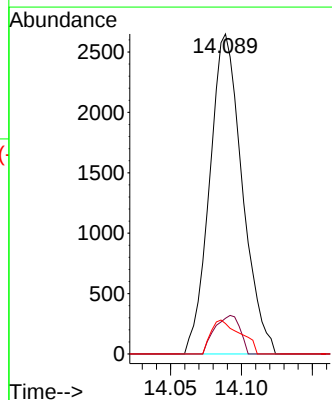
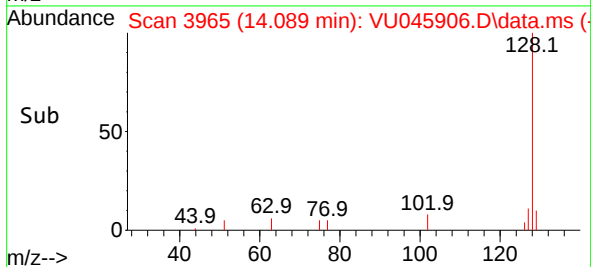
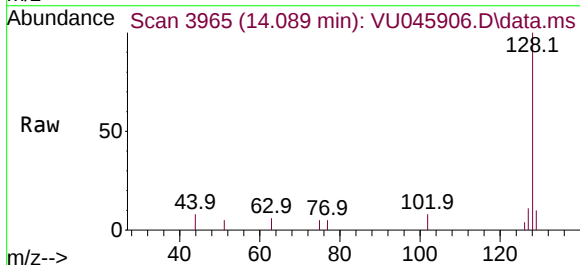


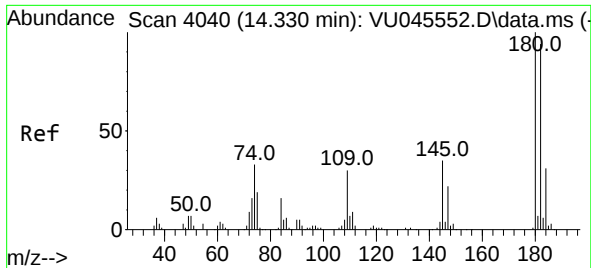
Tgt Ion:225 Resp: 242
Ion Ratio Lower Upper
225 100
223 18.6 32.0 96.2#
227 0.0 31.1 93.5#



#95
Naphthalene
Concen: 1.553 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045906.D
Acq: 22 Nov 2021 11:29

Tgt Ion:128 Resp: 4246
Ion Ratio Lower Upper
128 100
127 9.4 10.6 15.8#
129 9.5 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.420 ug/l

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

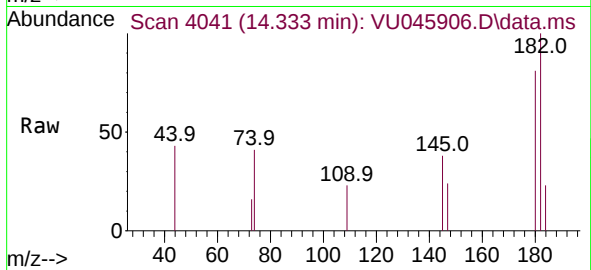
Lab File: VU045906.D

Acq: 22 Nov 2021 11:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 879

Ion Ratio Lower Upper

180 100

182 114.1 47.7 143.1

145 43.0 16.7 50.0

