

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045068.D
 Acq On : 01 Oct 2021 13:18
 Operator : SY/MD
 Sample : M3937-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 03:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	199039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	361947	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	329482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	166550	50.268	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.540%	
35) Dibromofluoromethane	5.295	113	114170	50.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	7.902	98	452749	50.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	10.635	95	159856	42.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.840%	

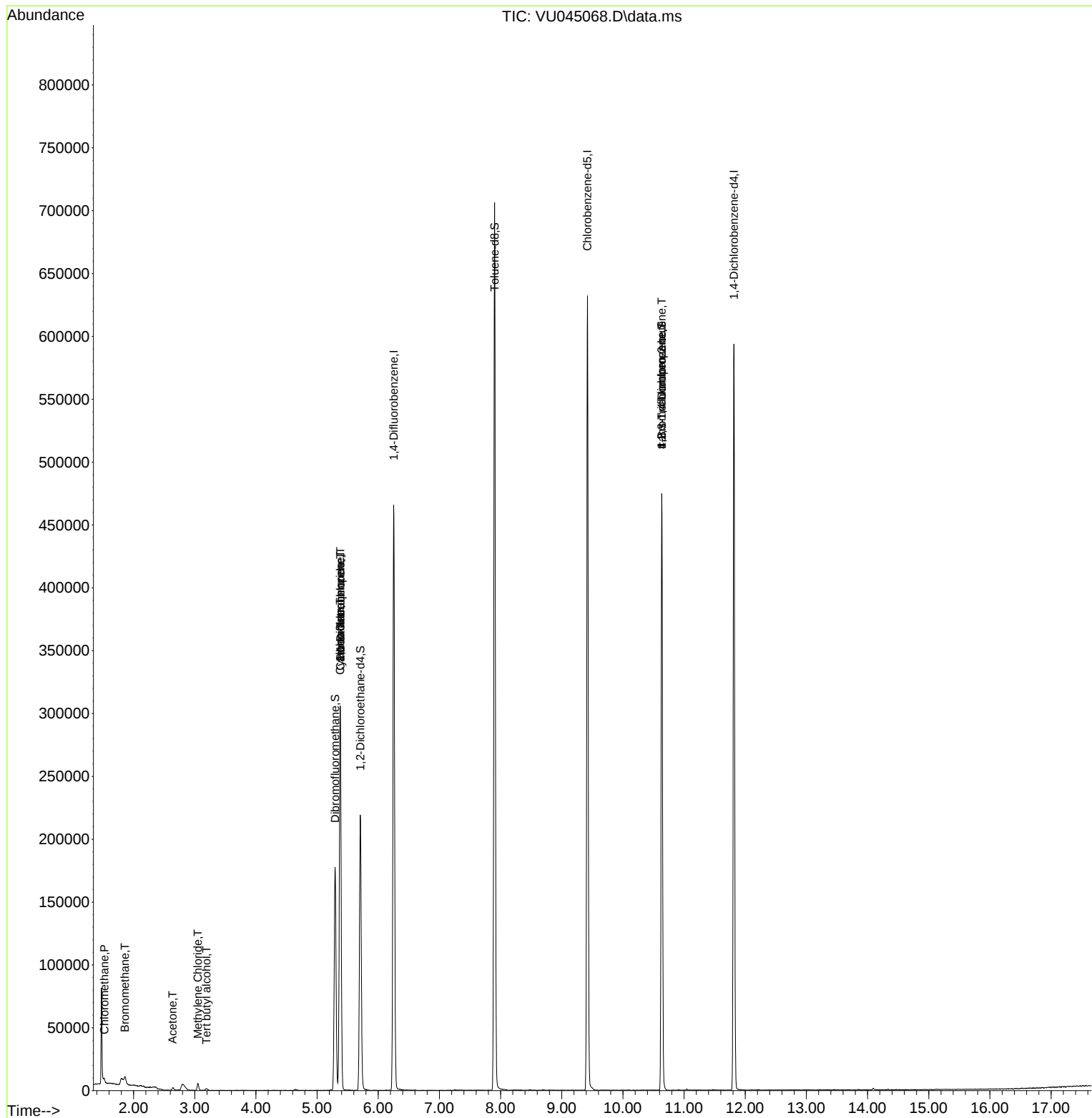
Target Compounds				Qvalue		
3) Chloromethane	1.523	50	1791	0.561	ug/l #	88
5) Bromomethane	1.858	94	915	0.732	ug/l	90
11) Tert butyl alcohol	3.192	59	1146	1.205	ug/l #	72
16) Acetone	2.639	43	3015	1.533	ug/l #	84
20) Methylene Chloride	3.050	84	2715	0.917	ug/l	91
31) Cyclohexane	5.375	56	5117	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	18201	4.809	ug/l #	50
38) Carbon Tetrachloride	5.382	117	21490	6.561	ug/l #	15
76) 1,2,3-Trichloropropane	10.635	75	86065	20.691	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	86065	57.420	ug/l #	9

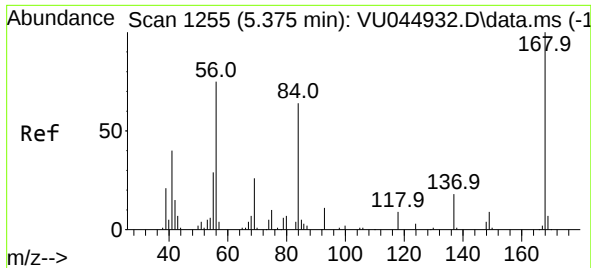
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

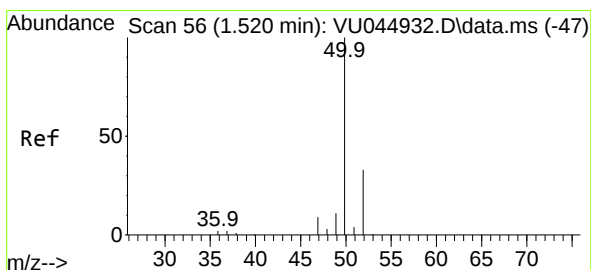
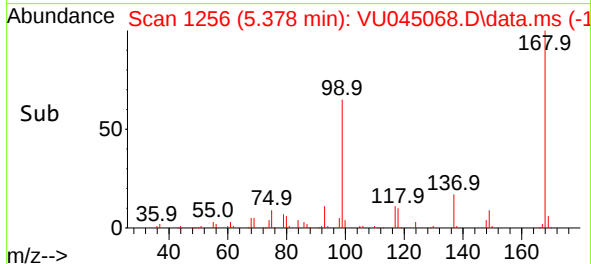
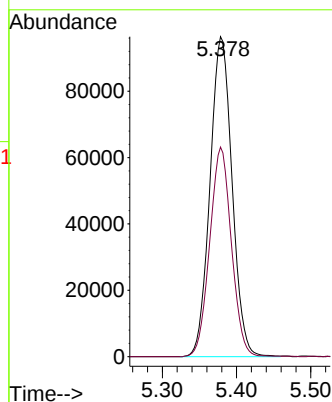
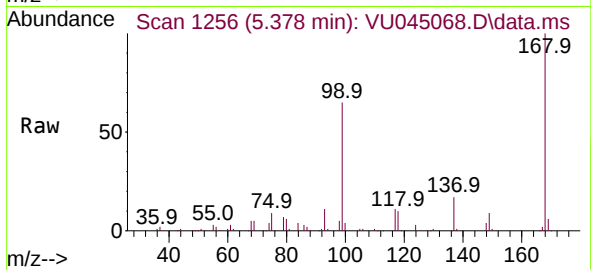




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

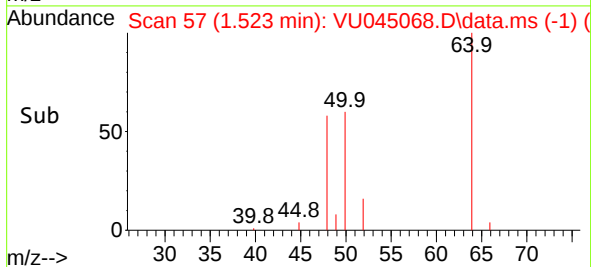
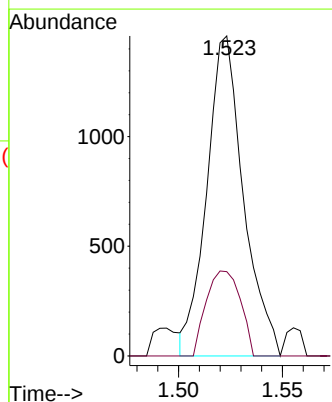
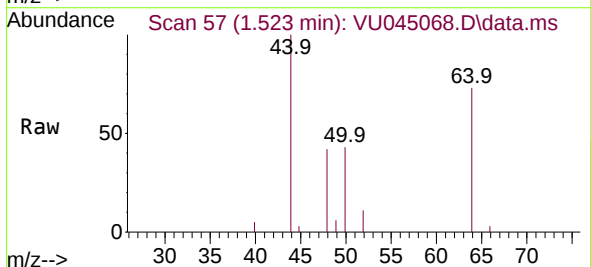
Instrument :
MSVOA_U
ClientSampled :

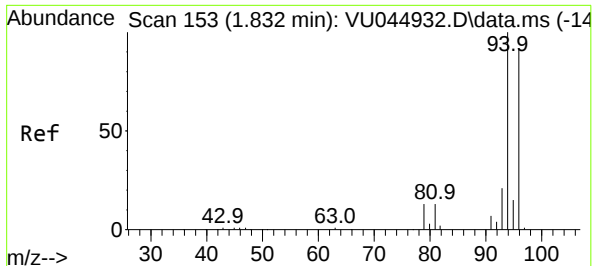
Tgt Ion:168 Resp: 199039
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.0



#3
Chloromethane
Concen: 0.561 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion: 50 Resp: 1791
Ion Ratio Lower Upper
50 100
52 26.3 26.3 39.5#

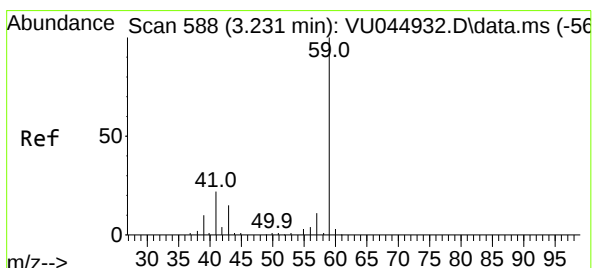
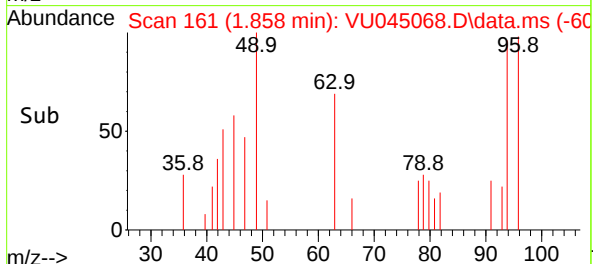
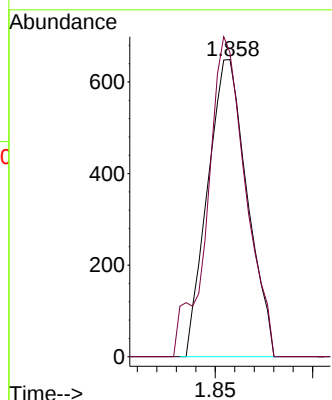
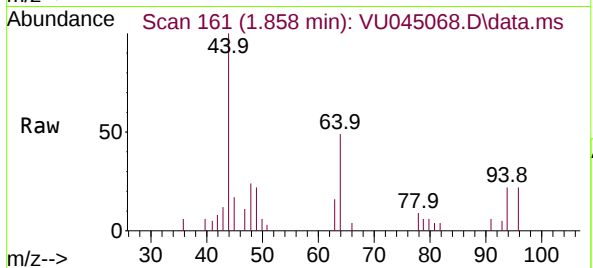




#5
Bromomethane
Concen: 0.732 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.026 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

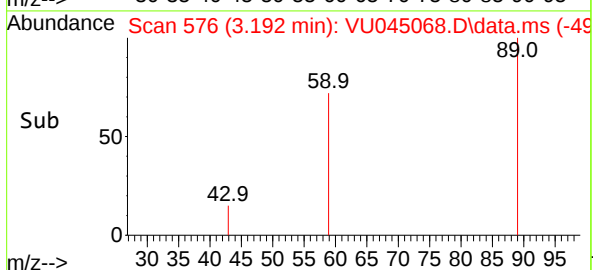
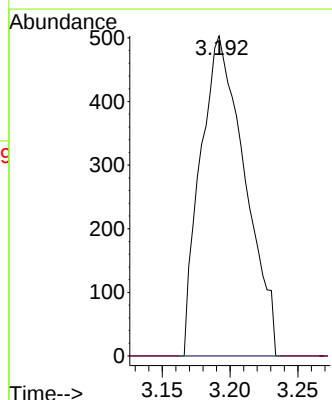
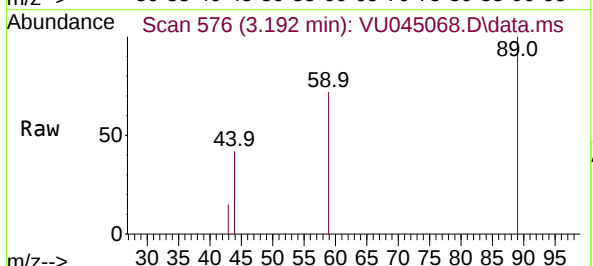
Instrument :
MSVOA_U
ClientSampled :

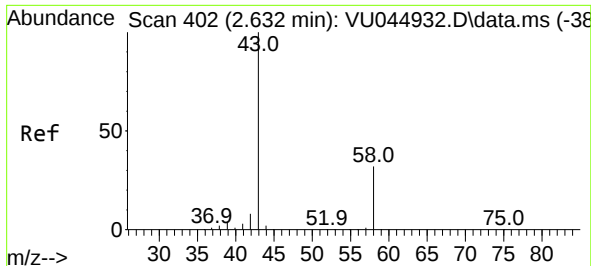
Tgt Ion: 94 Resp: 915
Ion Ratio Lower Upper
94 100
96 102.3 74.5 111.7



#11
Tert butyl alcohol
Concen: 1.205 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion: 59 Resp: 1146
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

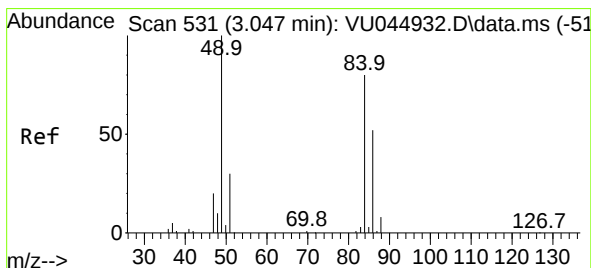
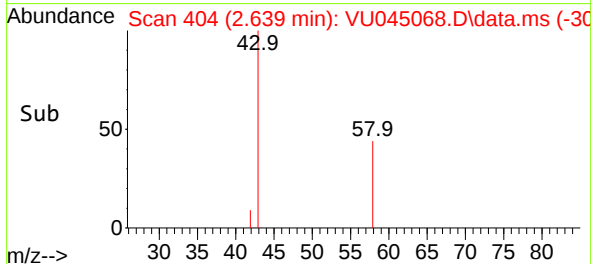
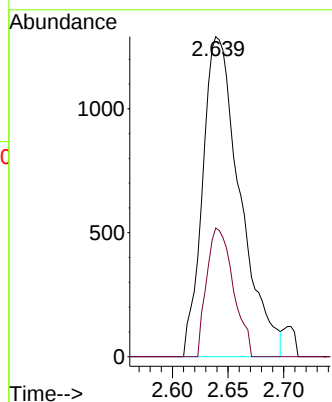
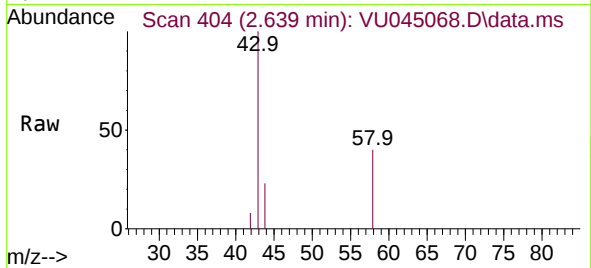




#16
Acetone
Concen: 1.533 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

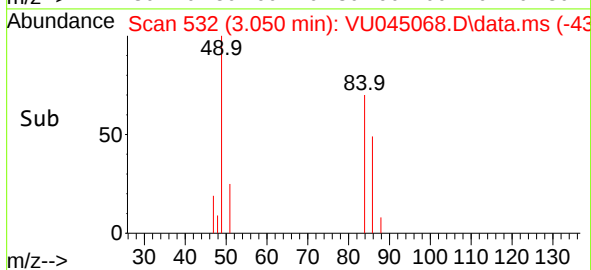
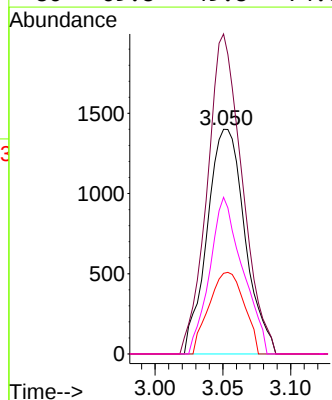
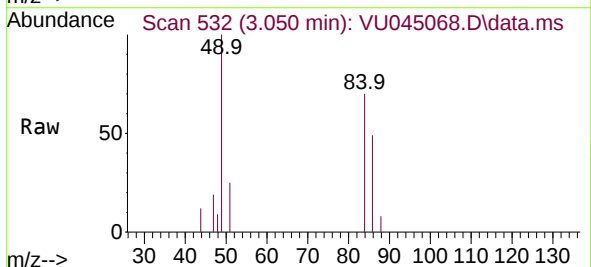
Instrument :
MSVOA_U
ClientSampled :

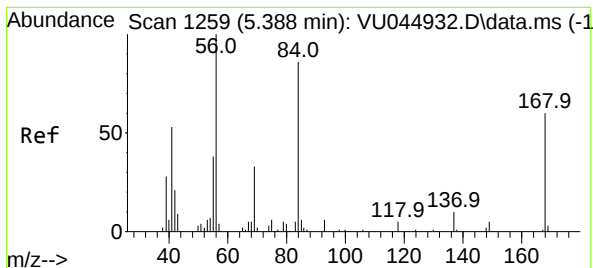
Tgt Ion: 43 Resp: 3015
Ion Ratio Lower Upper
43 100
58 40.2 25.2 37.8#



#20
Methylene Chloride
Concen: 0.917 ug/l
RT: 3.050 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion: 84 Resp: 2715
Ion Ratio Lower Upper
84 100
49 142.5 104.9 157.3
51 35.9 31.8 47.8
86 69.8 49.8 74.6





#31

Cyclohexane

Concen: 1.017 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.013 min

Lab File: VU045068.D

Acq: 01 Oct 2021 13:18

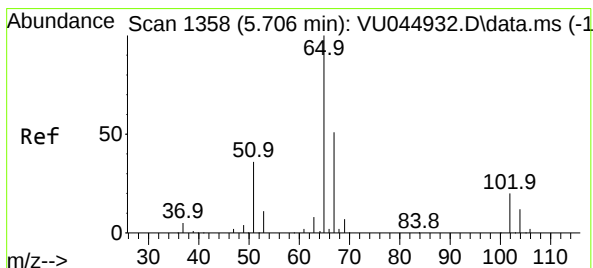
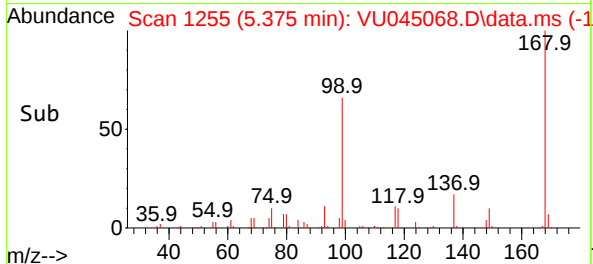
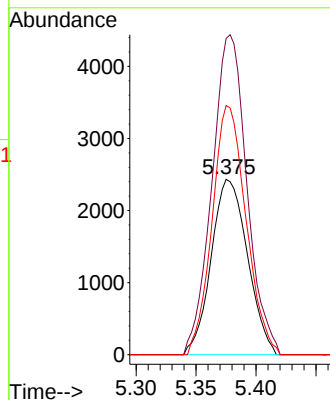
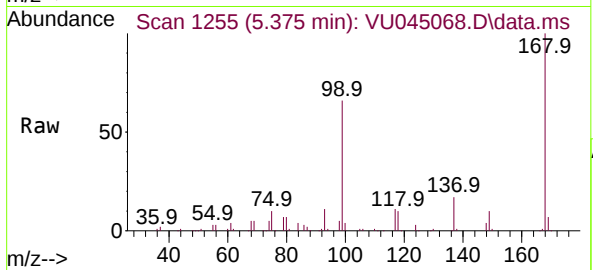
Tgt Ion: 56 Resp: 5117

Ion Ratio Lower Upper

56 100

69 180.2 25.2 37.8#

84 142.0 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 50.268 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045068.D

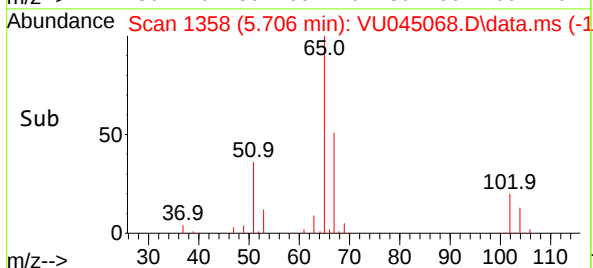
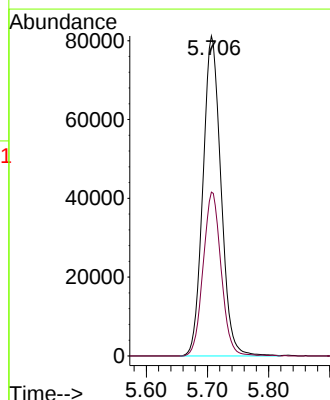
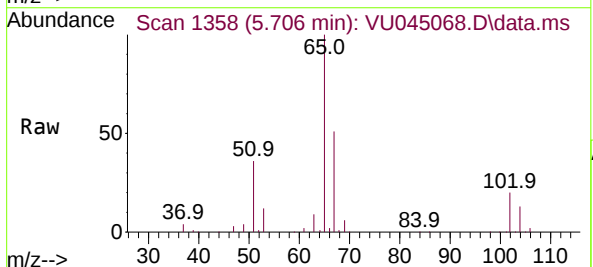
Acq: 01 Oct 2021 13:18

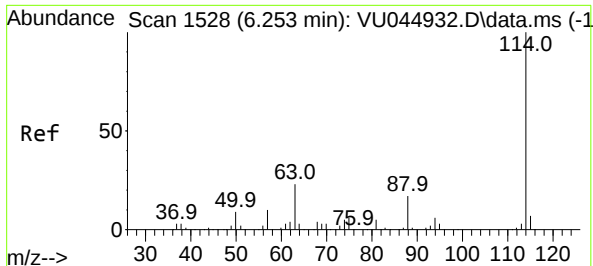
Tgt Ion: 65 Resp: 166550

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045068.D

Acq: 01 Oct 2021 13:18

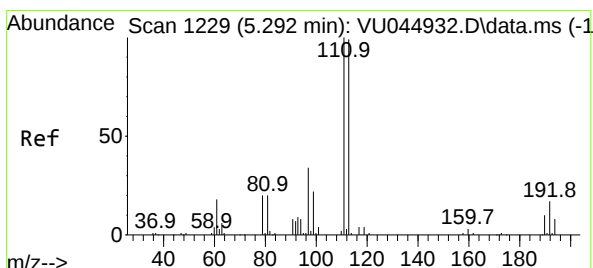
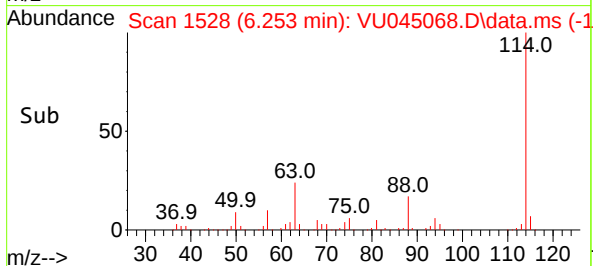
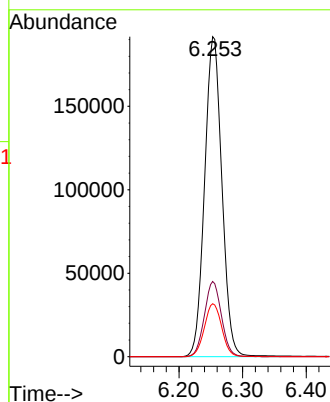
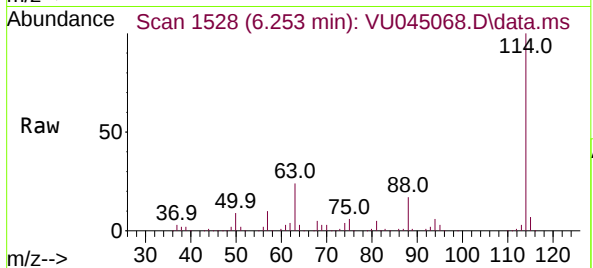
Tgt Ion:114 Resp: 361947

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.003 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045068.D

Acq: 01 Oct 2021 13:18

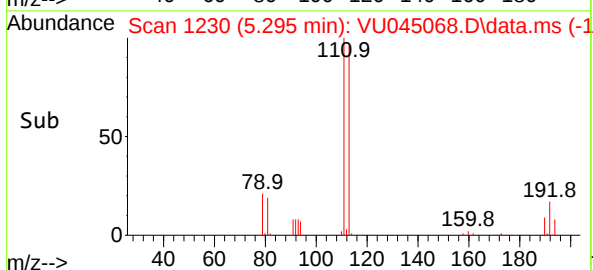
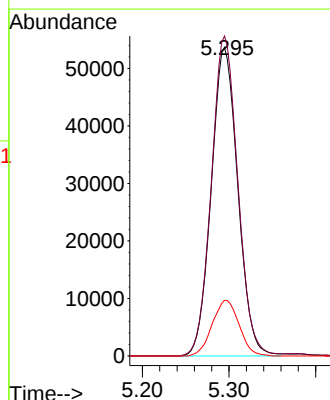
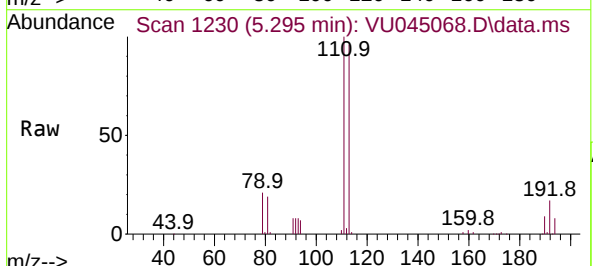
Tgt Ion:113 Resp: 114170

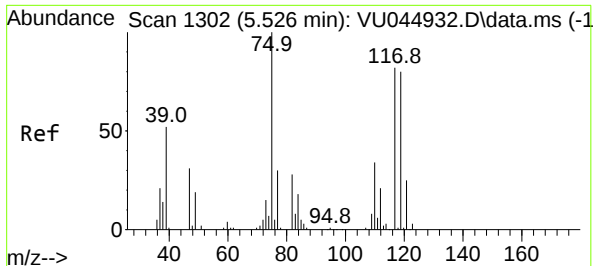
Ion Ratio Lower Upper

113 100

111 103.7 84.1 126.1

192 18.3 14.8 22.2



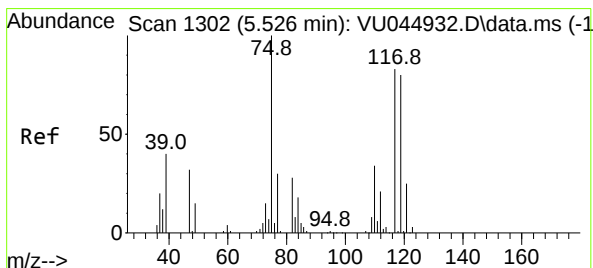
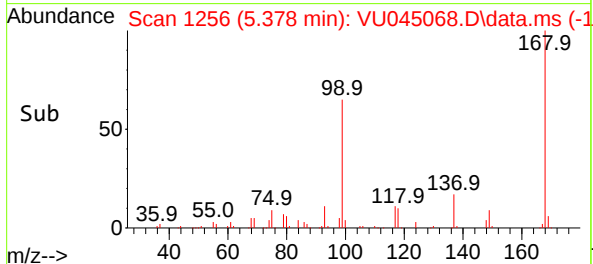
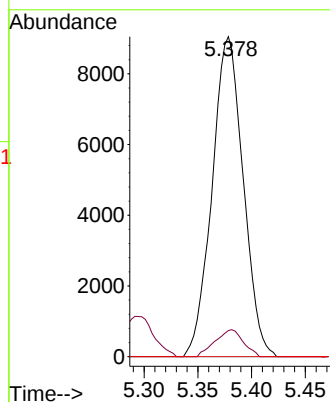
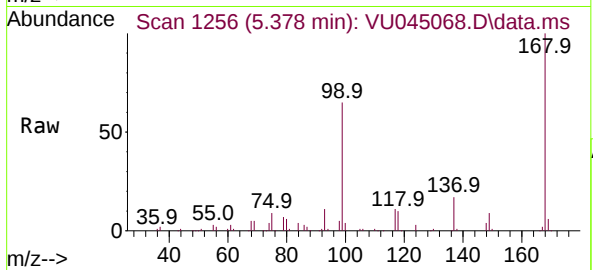


#36

1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.148 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampled :

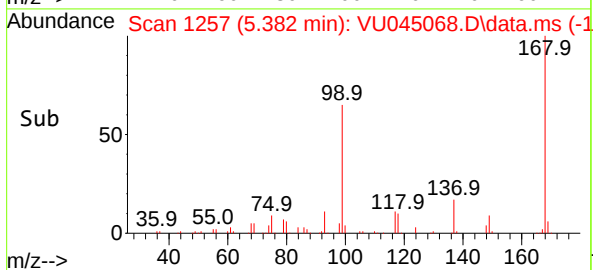
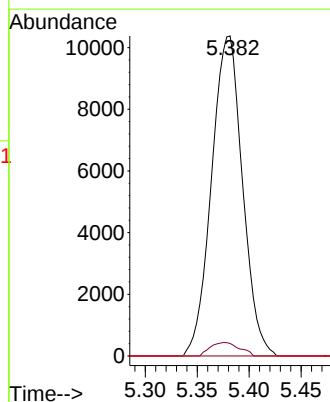
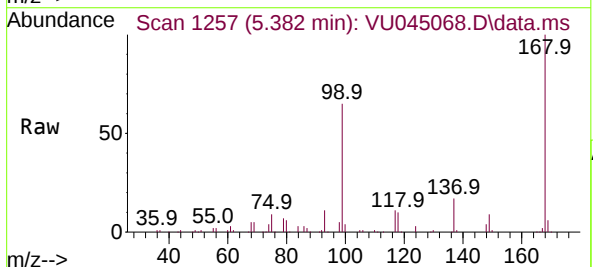
Tgt Ion: 75 Resp: 18201
Ion Ratio Lower Upper
75 100
110 7.6 16.3 48.9#
77 0.0 25.0 37.4#

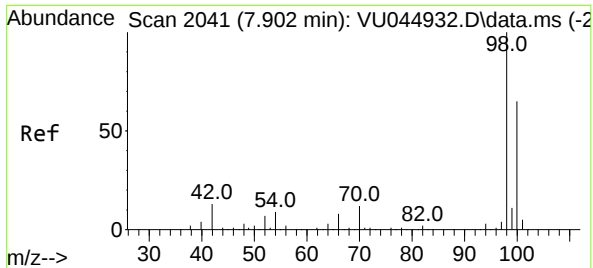


#38

Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.144 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion: 117 Resp: 21490
Ion Ratio Lower Upper
117 100
119 3.9 77.4 116.2#
121 0.0 24.5 36.7#

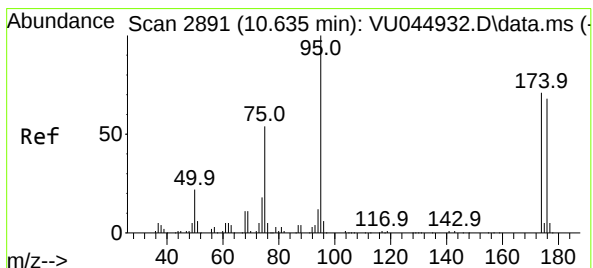
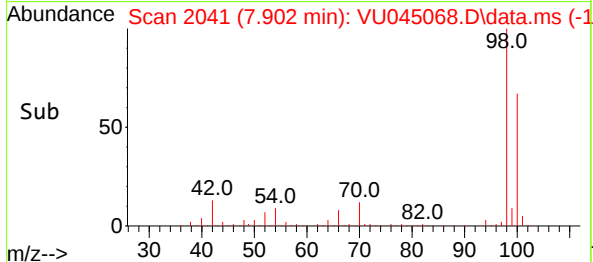
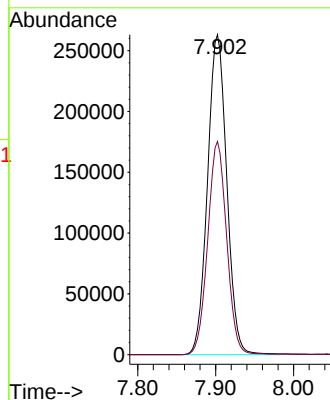
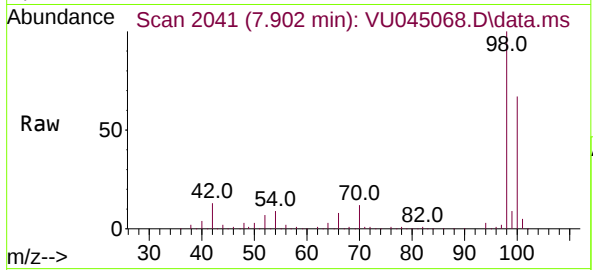




#50
Toluene-d8
Concen: 50.185 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

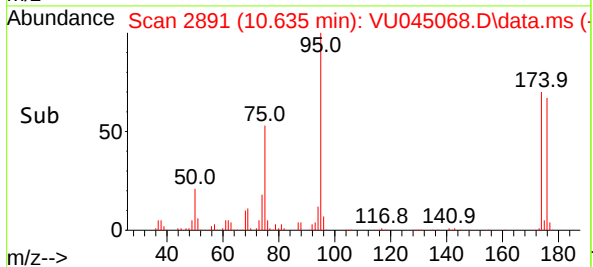
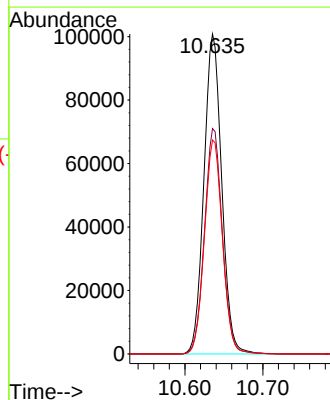
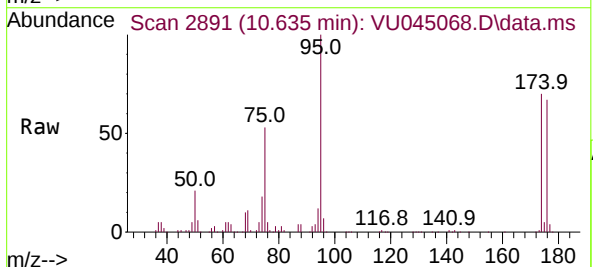
Instrument :
MSVOA_U
ClientSampled :

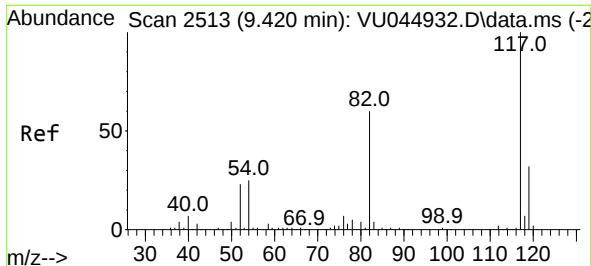
Tgt Ion: 98 Resp: 452749
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.919 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion: 95 Resp: 159856
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.6
176 67.6 0.0 141.2

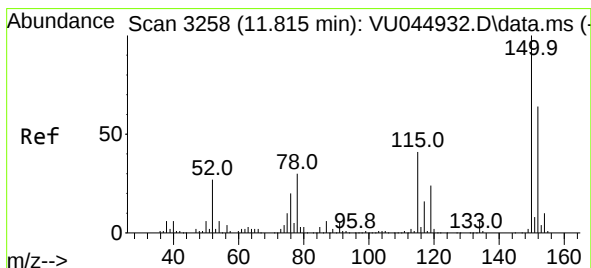
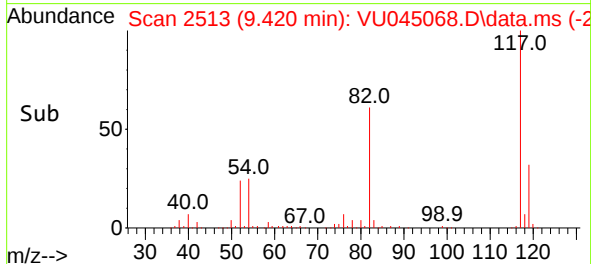
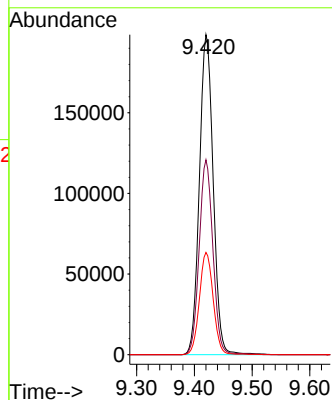
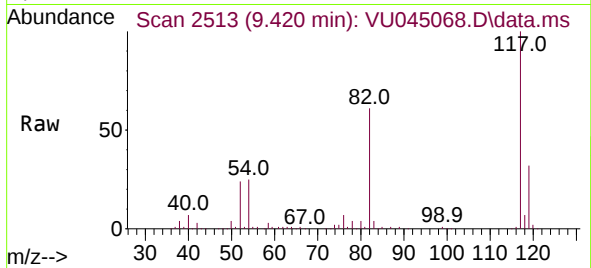




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

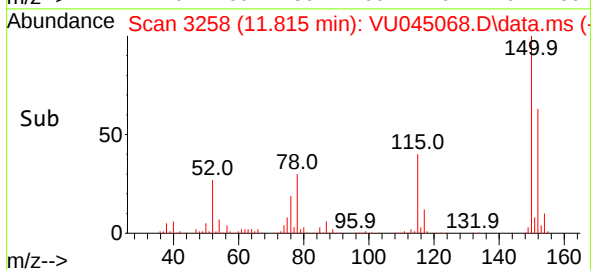
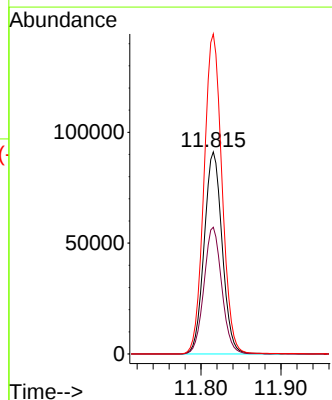
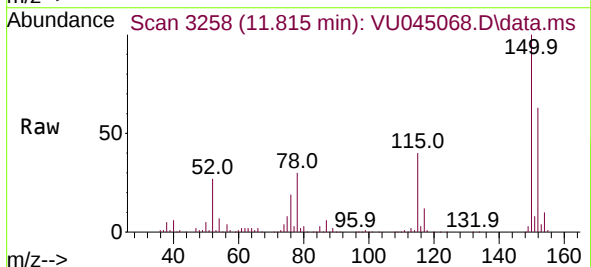
Instrument :
MSVOA_U
ClientSampled :

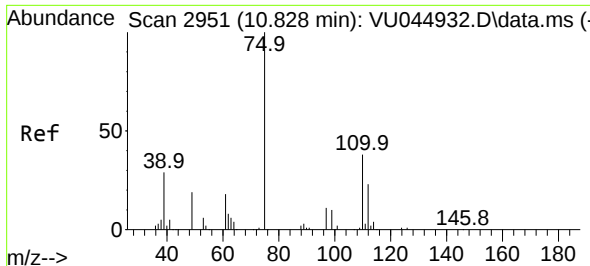
Tgt Ion:117 Resp: 329482
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion:152 Resp: 142607
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.7
150 158.7 0.0 350.0

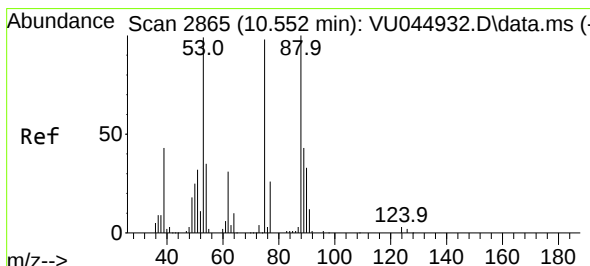
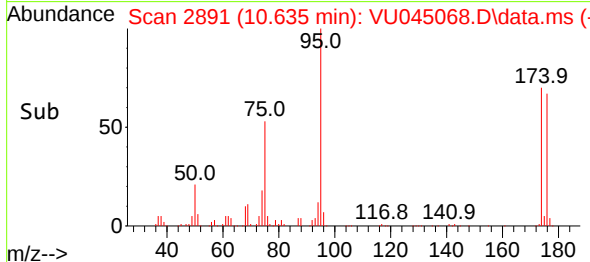
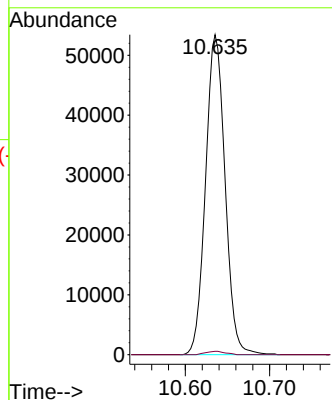
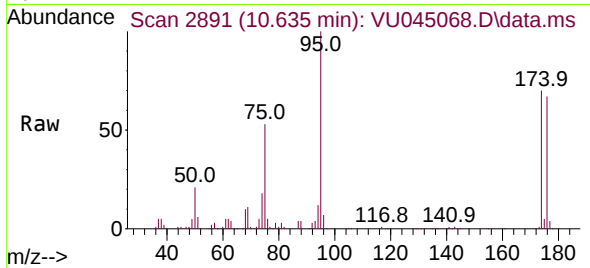




#76
1,2,3-Trichloropropane
Concen: 20.691 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 86065
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.420 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045068.D
Acq: 01 Oct 2021 13:18

Tgt Ion: 75 Resp: 86065
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

