

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045052.D
 Acq On : 30 Sep 2021 17:14
 Operator : SY/MD
 Sample : M3937-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 05:40:44 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)

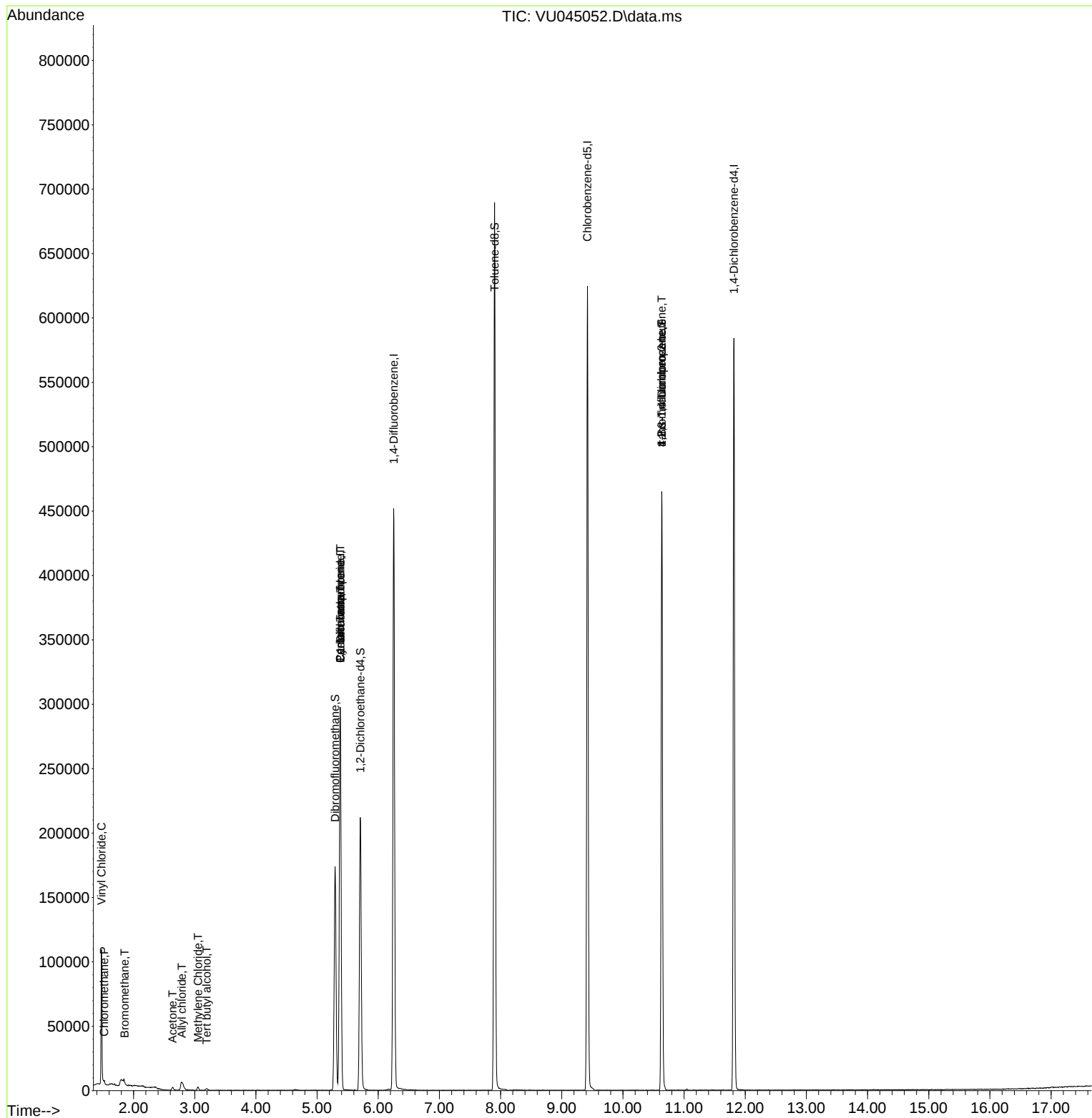
Internal Standards						
1) Pentafluorobenzene	5.378	168	193474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	351407	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	320967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	145792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	161500	50.146	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.300%			
35) Dibromofluoromethane	5.295	113	111613	50.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	7.902	98	441218	50.374	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.740%			
62) 4-Bromofluorobenzene	10.635	95	154021	42.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.180%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1474	0.475	ug/l	90
4) Vinyl Chloride	1.475	62	881	0.284	ug/l #	49
5) Bromomethane	1.854	94	552	0.454	ug/l	98
11) Tert butyl alcohol	3.195	59	1000	1.082	ug/l #	72
14) Allyl chloride	2.790	41	985	0.232	ug/l #	88
16) Acetone	2.639	43	3038	1.589	ug/l	92
20) Methylene Chloride	3.054	84	1261	0.438	ug/l	90
31) Cyclohexane	5.378	56	5061	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	18137	4.935	ug/l #	50
38) Carbon Tetrachloride	5.378	117	20041	6.302	ug/l #	15
76) 1,2,3-Trichloropropane	10.635	75	83666	19.675	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	83666	54.600	ug/l #	9

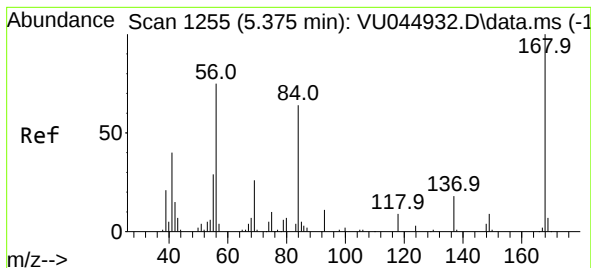
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
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: VU045052.D

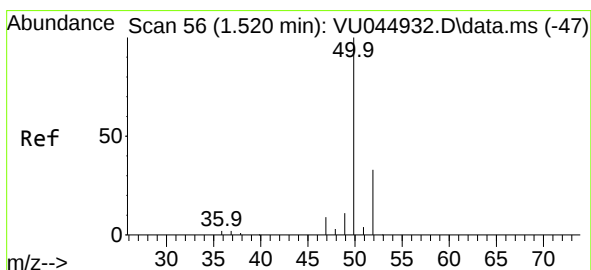
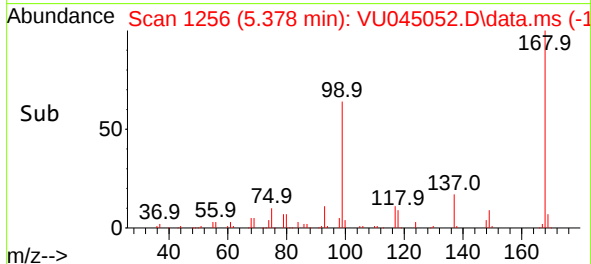
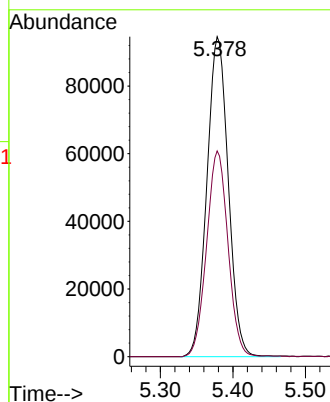
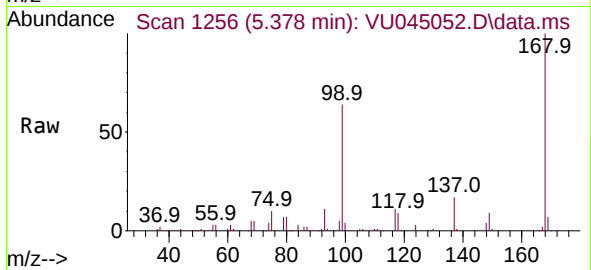
Acq: 30 Sep 2021 17:14

Tgt Ion:168 Resp: 193474

Ion Ratio Lower Upper

168 100

99 64.3 51.4 77.0



#3

Chloromethane

Concen: 0.475 ug/l

RT: 1.520 min Scan# 56

Delta R.T. -0.000 min

Lab File: VU045052.D

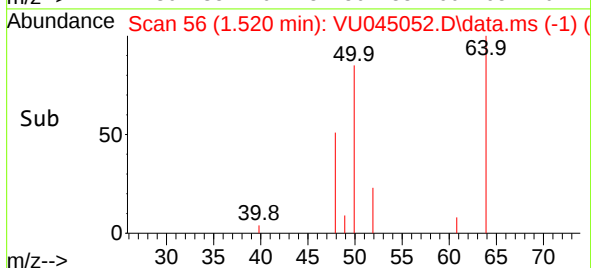
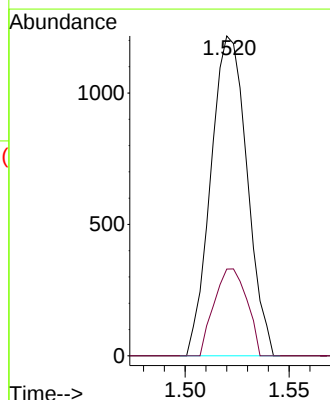
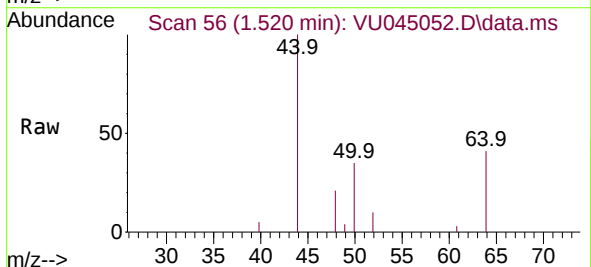
Acq: 30 Sep 2021 17:14

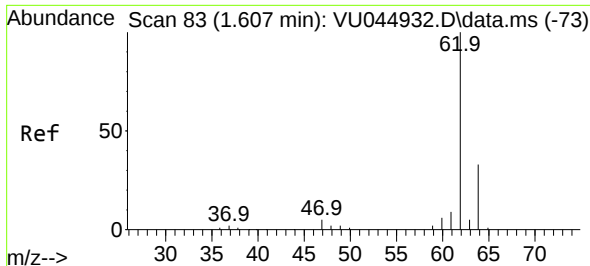
Tgt Ion: 50 Resp: 1474

Ion Ratio Lower Upper

50 100

52 27.1 26.3 39.5

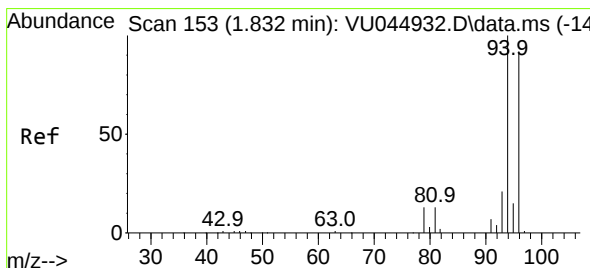
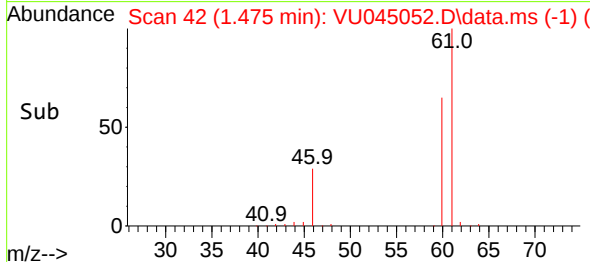
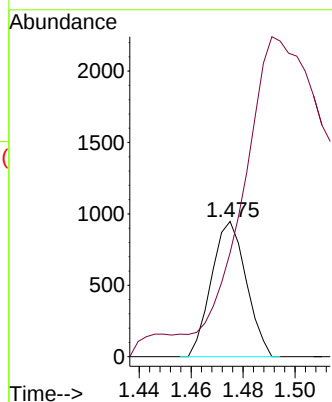
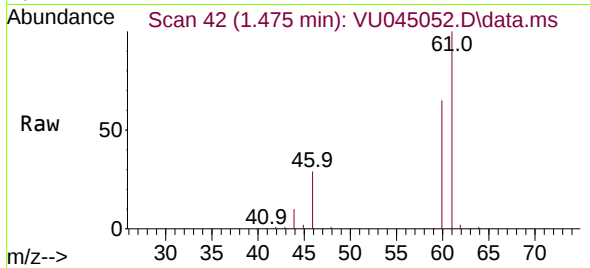




#4
 Vinyl Chloride
 Concen: 0.284 ug/l
 RT: 1.475 min Scan# 42
 Delta R.T. -0.132 min
 Lab File: VU045052.D
 Acq: 30 Sep 2021 17:14

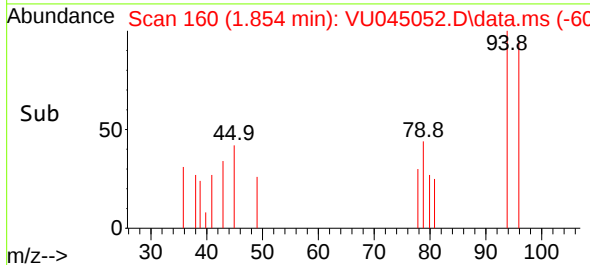
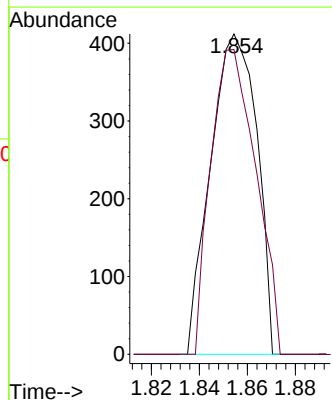
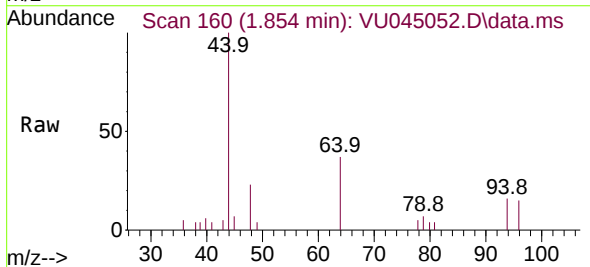
Instrument :
 MSVOA_U
 ClientSampled :

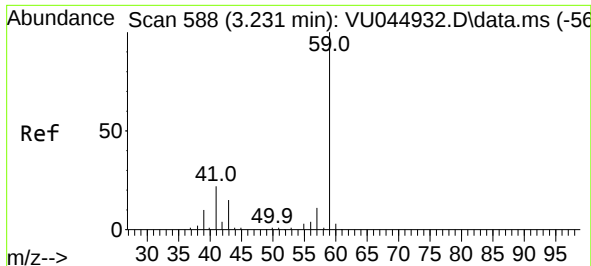
Tgt Ion: 62 Resp: 881
 Ion Ratio Lower Upper
 62 100
 64 60.2 25.6 38.4#



#5
 Bromomethane
 Concen: 0.454 ug/l
 RT: 1.854 min Scan# 160
 Delta R.T. 0.022 min
 Lab File: VU045052.D
 Acq: 30 Sep 2021 17:14

Tgt Ion: 94 Resp: 552
 Ion Ratio Lower Upper
 94 100
 96 95.1 74.5 111.7

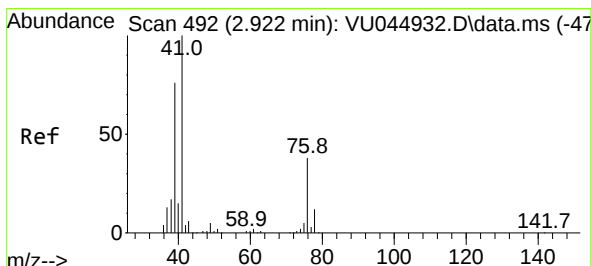
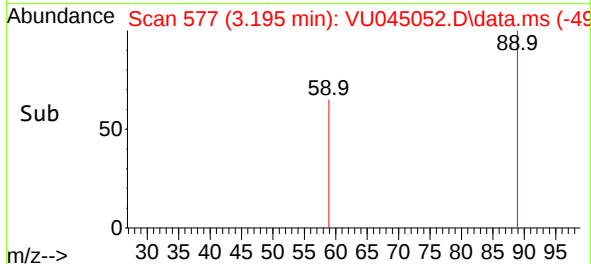
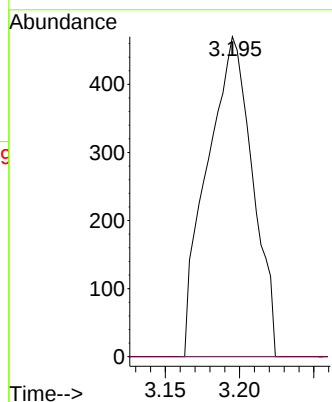
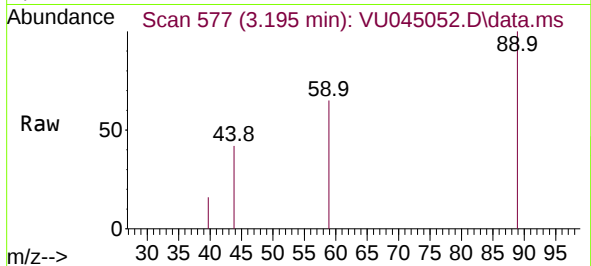




#11
Tert butyl alcohol
Concen: 1.082 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.036 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

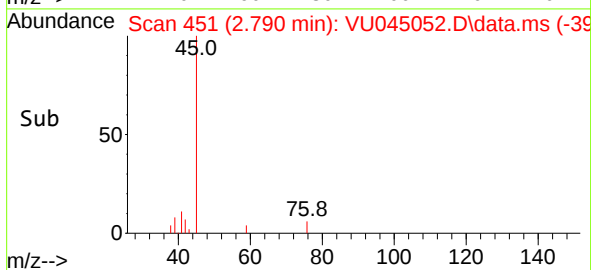
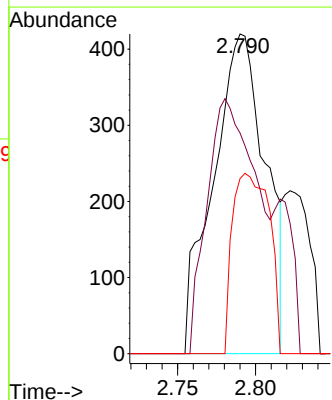
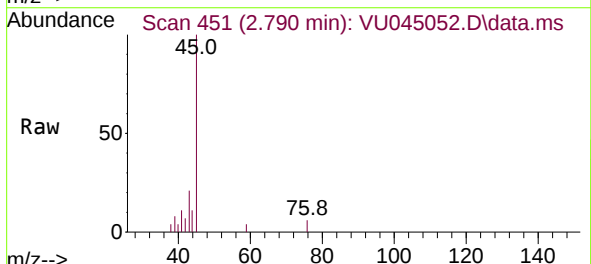
Instrument :
MSVOA_U
ClientSampled :

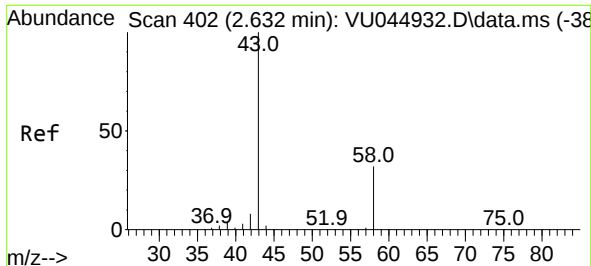
Tgt Ion: 59 Resp: 1000
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.232 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.132 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

Tgt Ion: 41 Resp: 985
Ion Ratio Lower Upper
41 100
39 75.0 53.0 79.6
76 39.6 25.7 38.5#

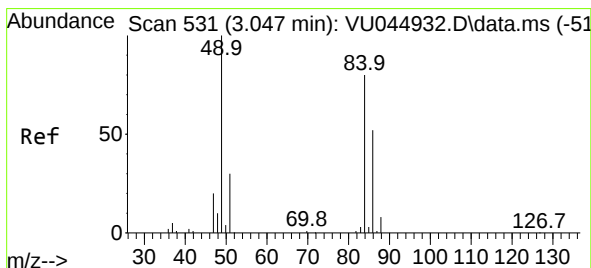
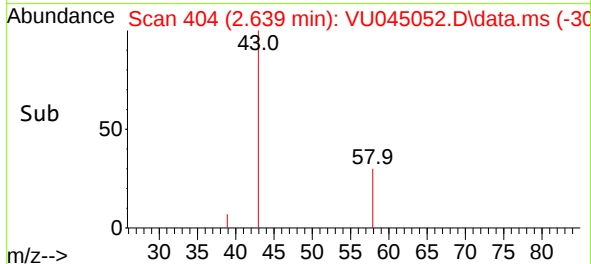
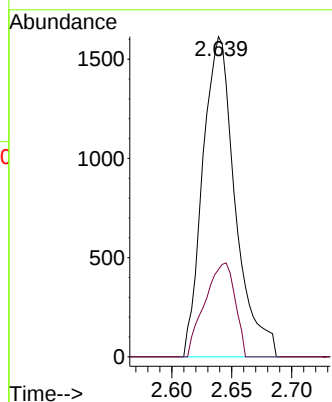
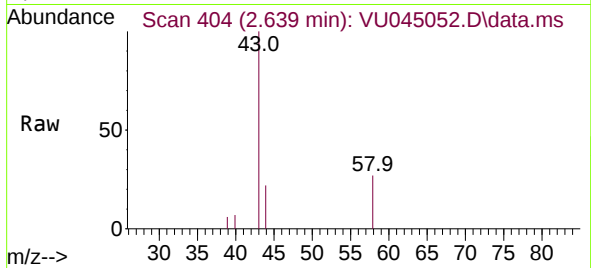




#16
Acetone
Concen: 1.589 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

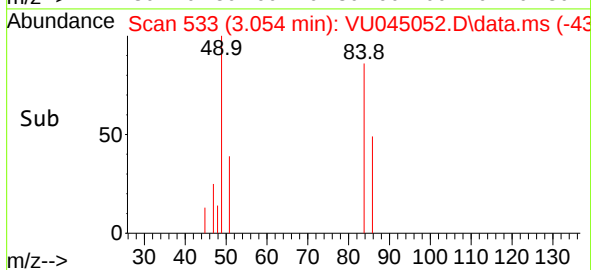
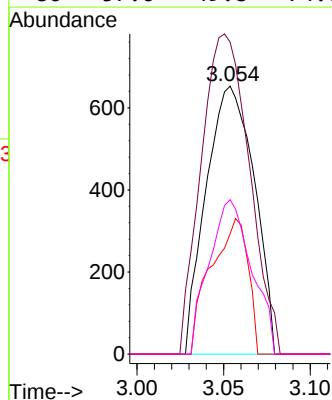
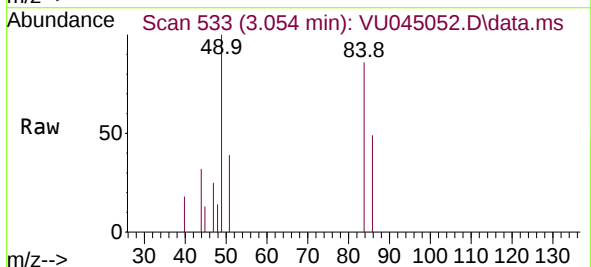
Instrument :
MSVOA_U
ClientSampled :

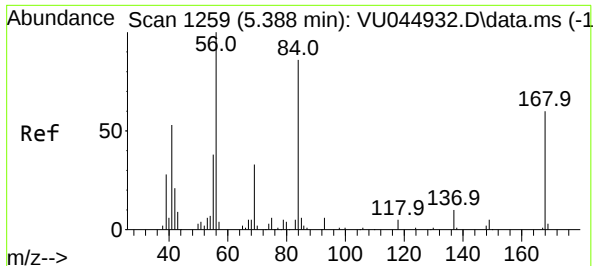
Tgt Ion: 43 Resp: 3038
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8



#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.007 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

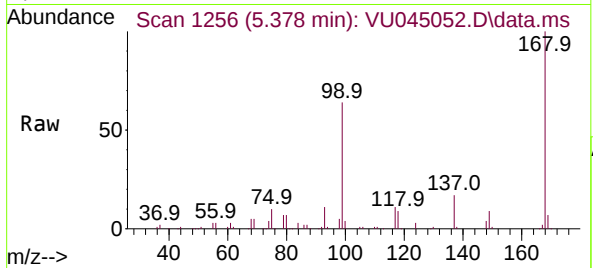
Tgt Ion: 84 Resp: 1261
Ion Ratio Lower Upper
84 100
49 116.4 104.9 157.3
51 44.9 31.8 47.8
86 57.6 49.8 74.6



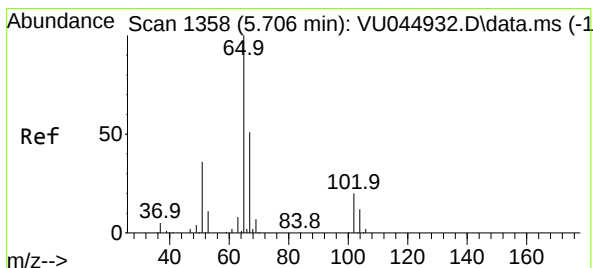
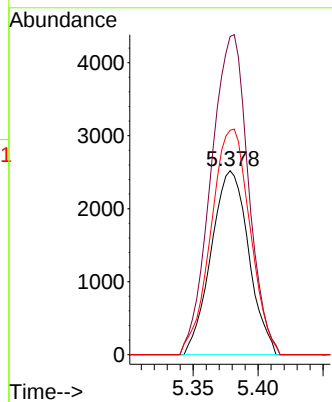
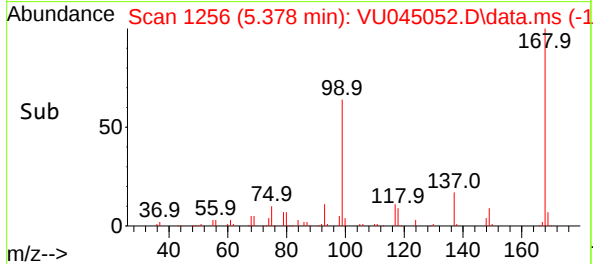


#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

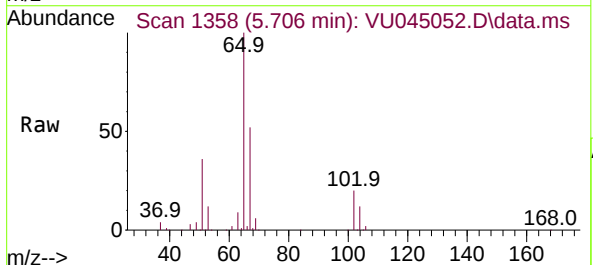
Instrument :
MSVOA_U
ClientSampled :



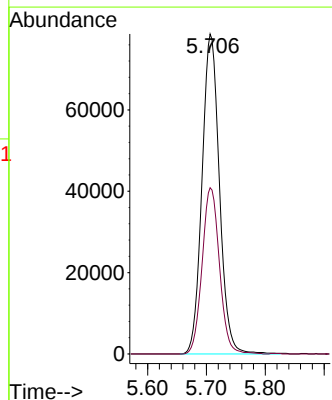
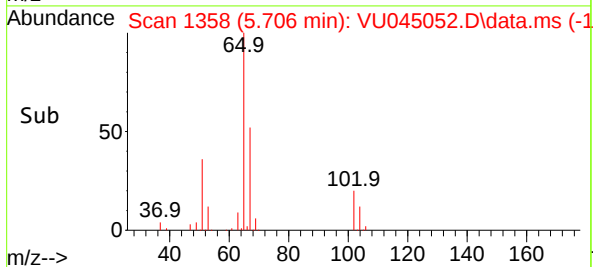
Tgt Ion: 56 Resp: 5061
Ion Ratio Lower Upper
56 100
69 172.9 25.2 37.8#
84 122.0 66.4 99.6#

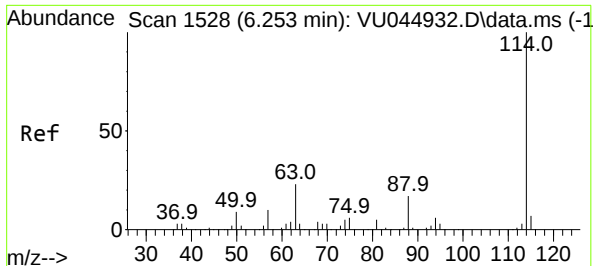


#33
1,2-Dichloroethane-d4
Concen: 50.146 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14



Tgt Ion: 65 Resp: 161500
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

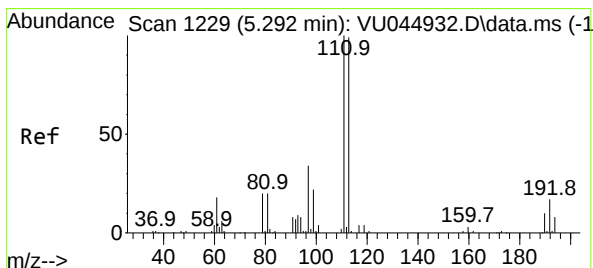
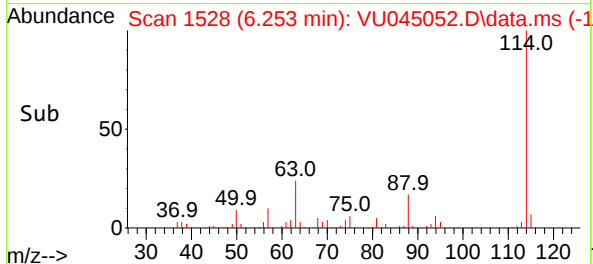
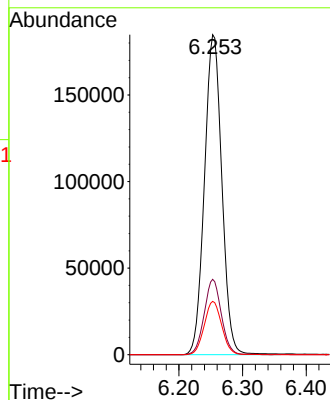
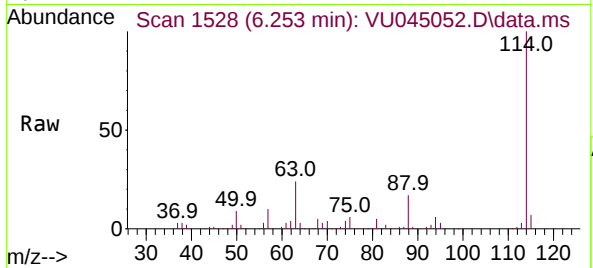




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

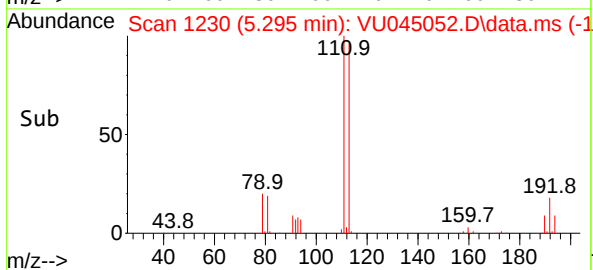
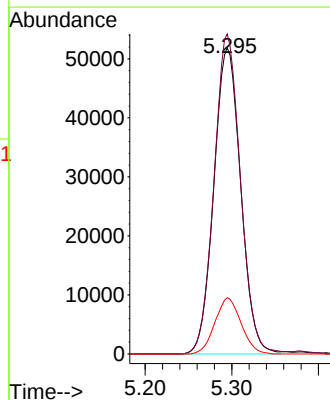
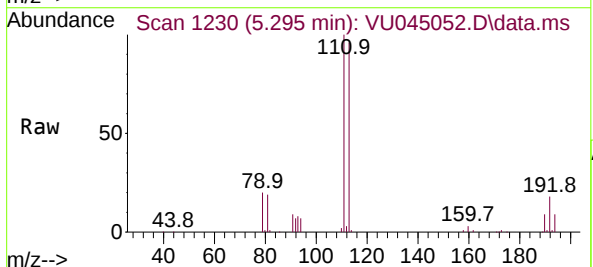
Instrument :
MSVOA_U
ClientSampleId :

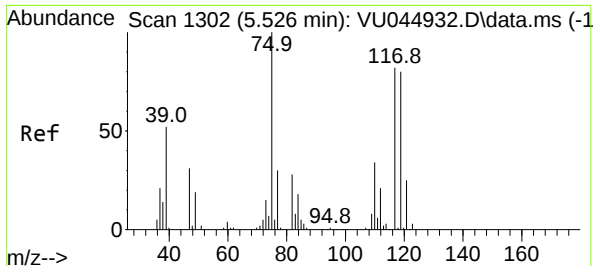
Tgt Ion:114 Resp: 351407
Ion Ratio Lower Upper
114 100
63 23.6 0.0 47.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.349 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

Tgt Ion:113 Resp: 111613
Ion Ratio Lower Upper
113 100
111 102.9 84.1 126.1
192 17.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 5.378 min Scan# 1256

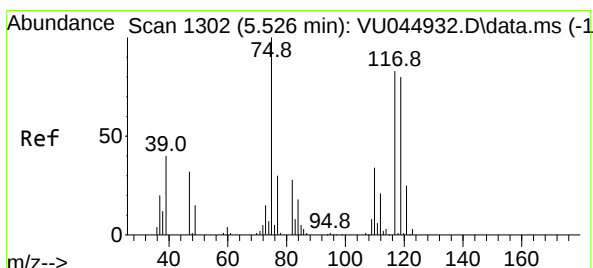
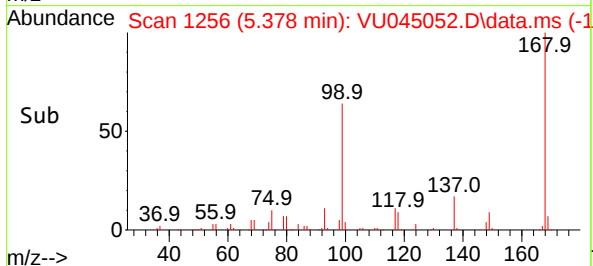
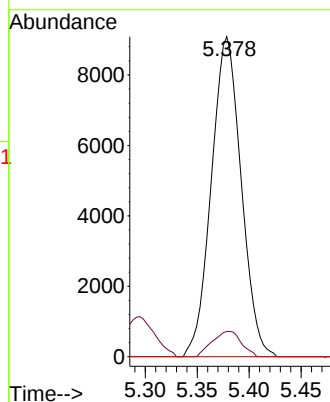
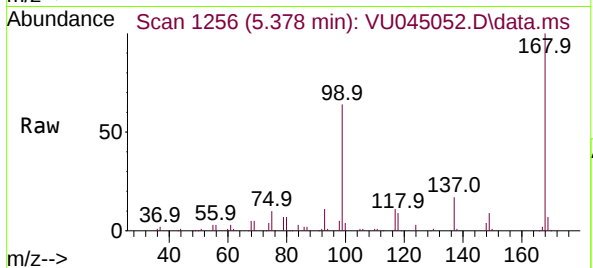
Delta R.T. -0.148 min

Lab File: VU045052.D

Acq: 30 Sep 2021 17:14

Tgt Ion:	75	Resp:	18137
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.302 ug/l

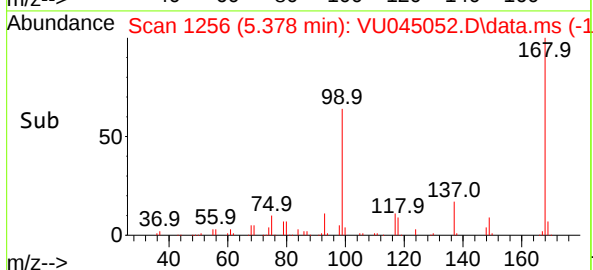
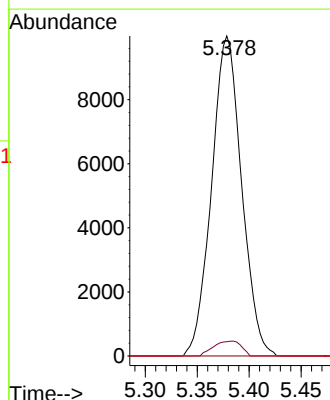
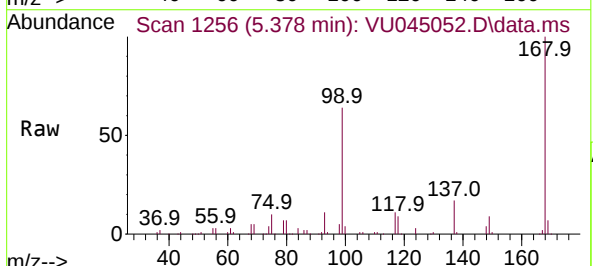
RT: 5.378 min Scan# 1256

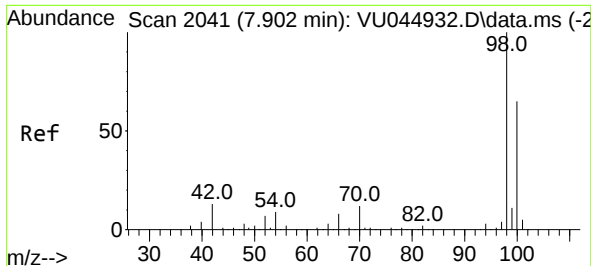
Delta R.T. -0.148 min

Lab File: VU045052.D

Acq: 30 Sep 2021 17:14

Tgt Ion:	117	Resp:	20041
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.4	116.2#
121	0.0	24.5	36.7#

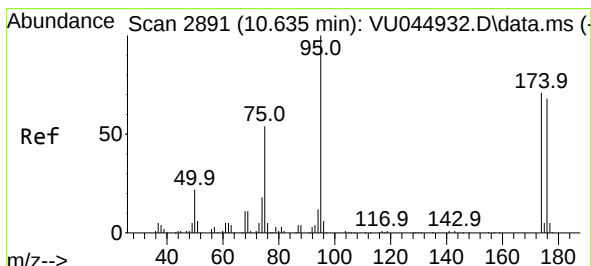
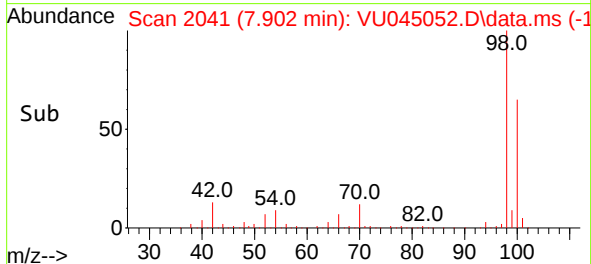
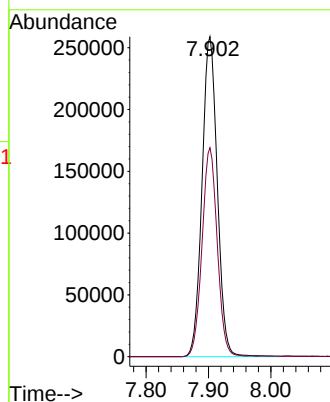
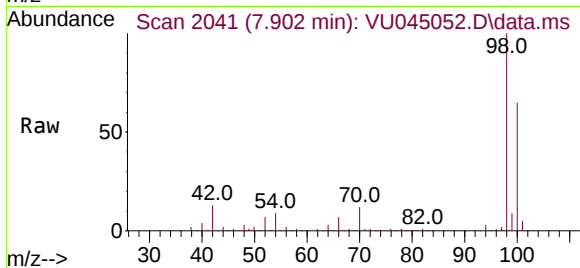




#50
Toluene-d8
Concen: 50.374 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

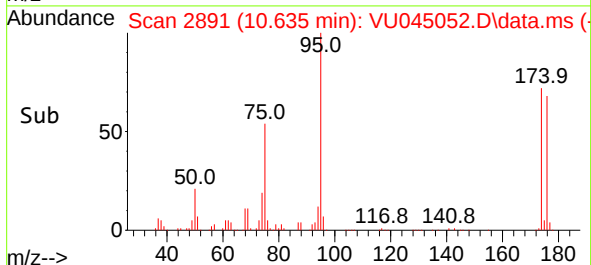
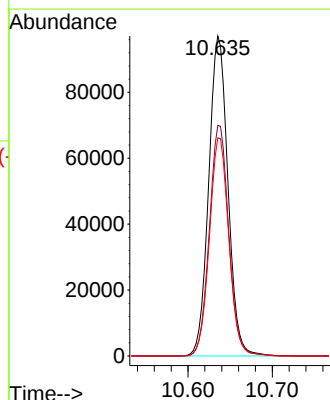
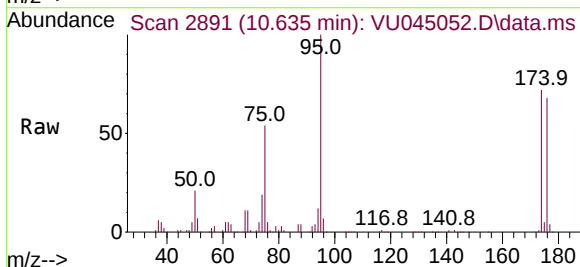
Instrument :
MSVOA_U
ClientSampled :

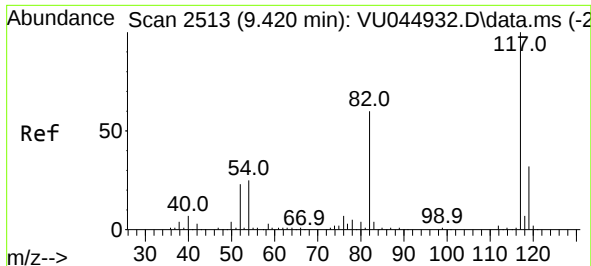
Tgt Ion: 98 Resp: 441218
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.593 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

Tgt Ion: 95 Resp: 154021
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.6
176 68.9 0.0 141.2

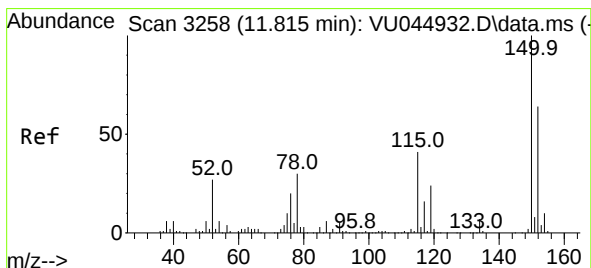
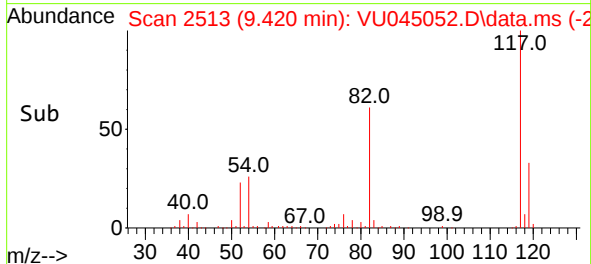
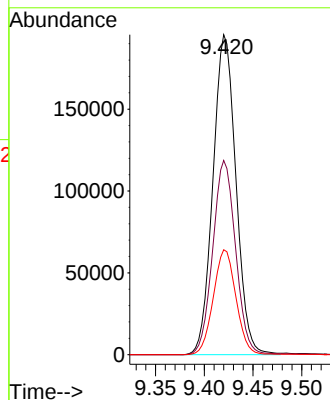
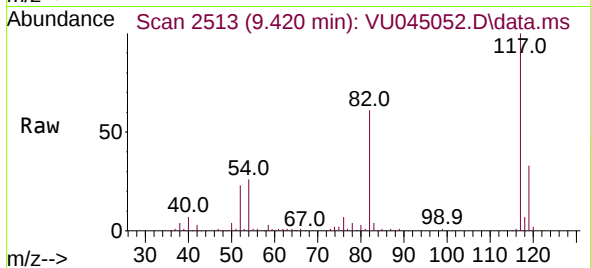




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

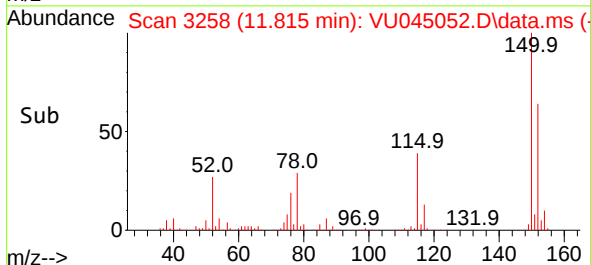
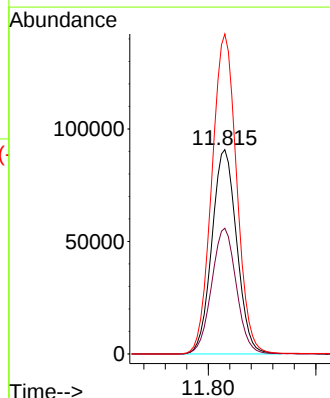
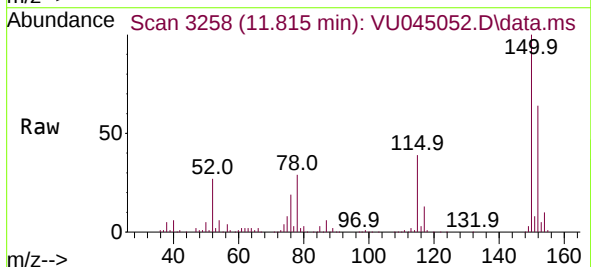
Instrument :
MSVOA_U
ClientSampleId :

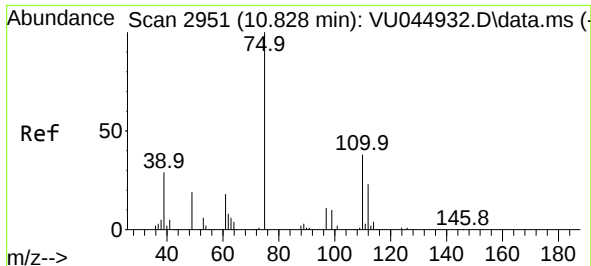
Tgt Ion:117 Resp: 320967
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

Tgt Ion:152 Resp: 145792
Ion Ratio Lower Upper
152 100
115 61.4 43.5 130.7
150 156.2 0.0 350.0

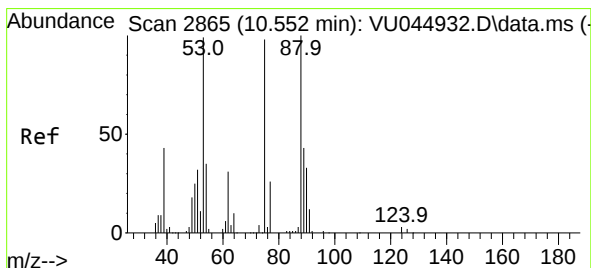
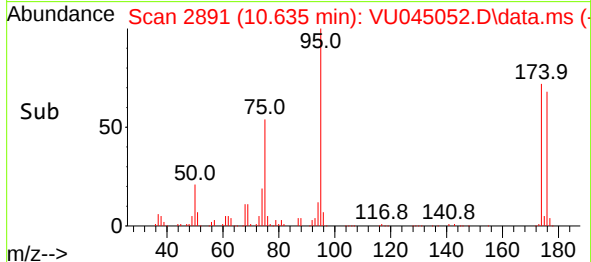
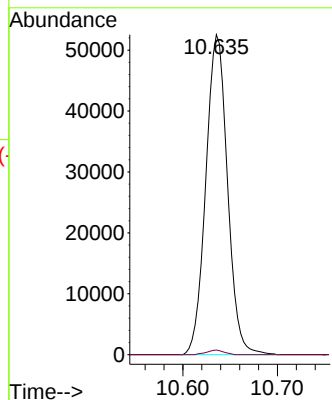
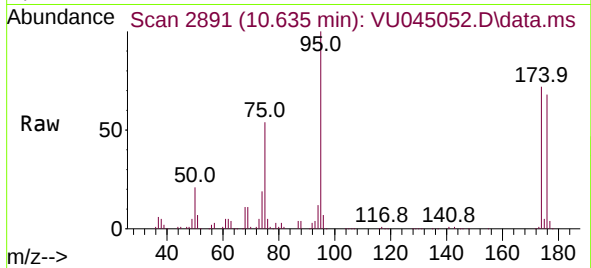




#76
1,2,3-Trichloropropane
Concen: 19.675 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 83666
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.600 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045052.D
Acq: 30 Sep 2021 17:14

Tgt Ion: 75 Resp: 83666
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

