

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045057.D
 Acq On : 30 Sep 2021 19:11
 Operator : SY/MD
 Sample : M3966-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 05:41:38 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)

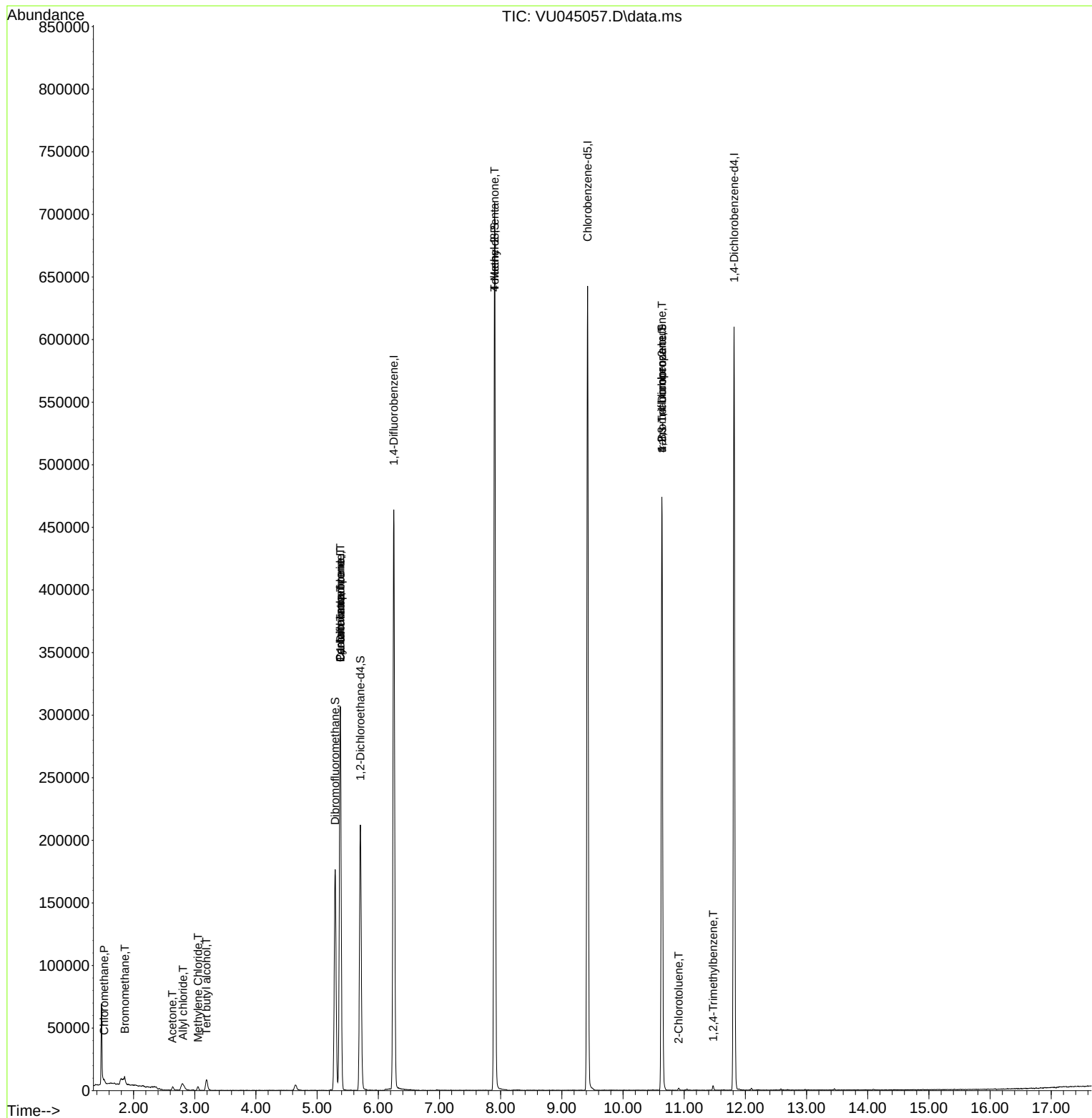
Internal Standards						
1) Pentafluorobenzene	5.379	168	199666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360660	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	332639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	146981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	161541	48.603	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.200%		
35) Dibromofluoromethane	5.295	113	112775	49.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	7.903	98	454687	50.580	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.160%		
62) 4-Bromofluorobenzene	10.636	95	159477	42.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1289	0.402	ug/l	93
5) Bromomethane	1.858	94	603	0.481	ug/l #	80
11) Tert butyl alcohol	3.192	59	6116	6.411	ug/l #	72
14) Allyl chloride	2.806	41	1014	0.231	ug/l	95
16) Acetone	2.636	43	3790	1.921	ug/l	95
20) Methylene Chloride	3.054	84	1524	0.513	ug/l	91
31) Cyclohexane	5.379	56	5072	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	19013	5.041	ug/l #	49
38) Carbon Tetrachloride	5.379	117	21163	6.484	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	2198	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	86029	20.067	ug/l #	41
79) 2-Chlorotoluene	10.909	91	1687	0.202	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	86029	55.688	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.475	105	2576	0.272	ug/l	85

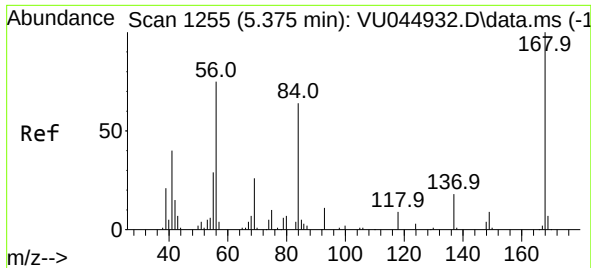
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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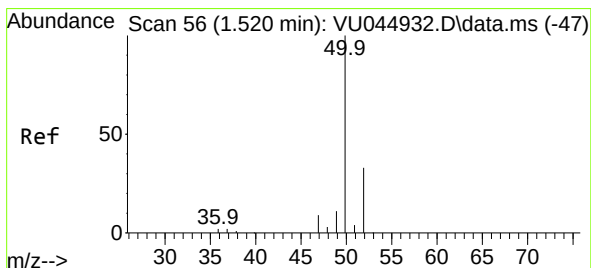
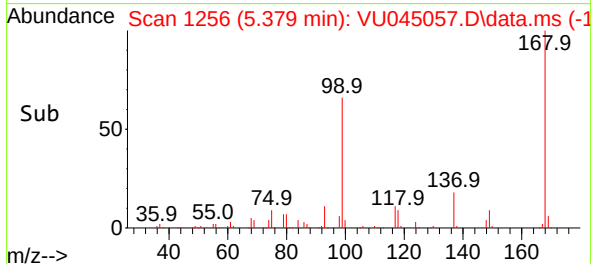
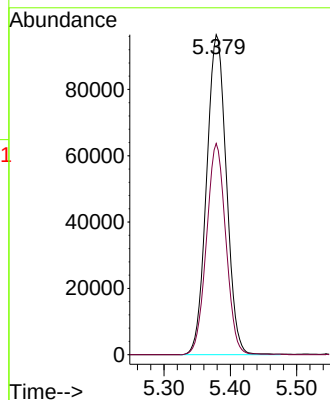
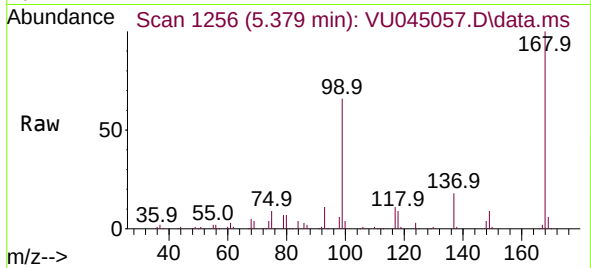




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

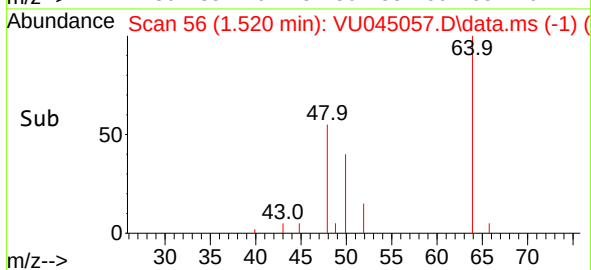
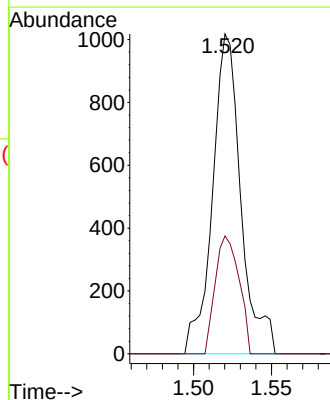
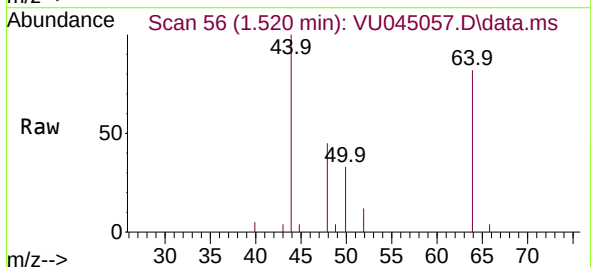
Instrument :
MSVOA_U
ClientSampleId :

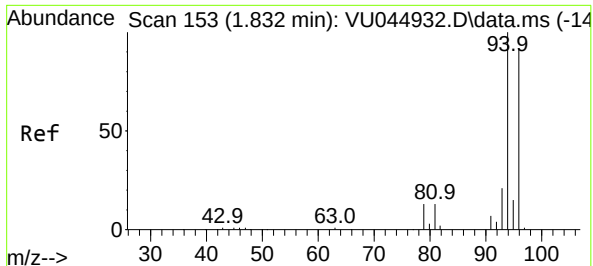
Tgt Ion:168 Resp: 199666
Ion Ratio Lower Upper
168 100
99 66.0 51.4 77.0



#3
Chloromethane
Concen: 0.402 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 50 Resp: 1289
Ion Ratio Lower Upper
50 100
52 36.8 26.3 39.5

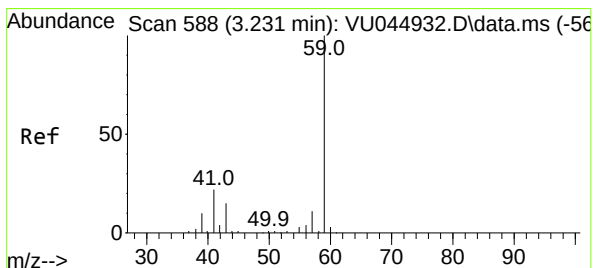
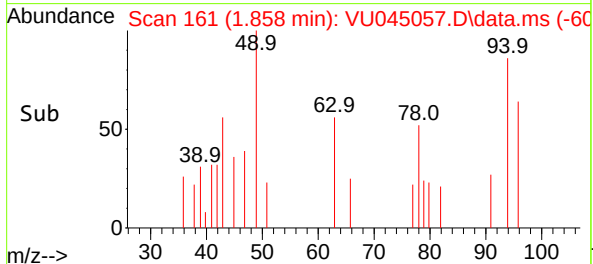
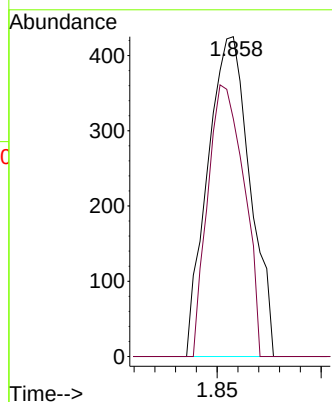
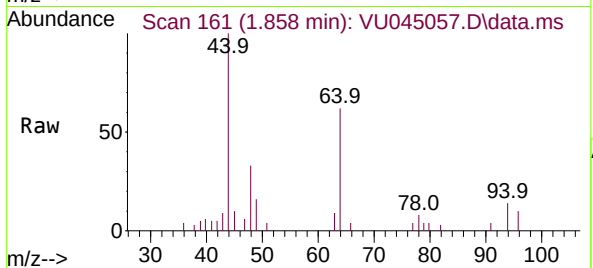




#5
Bromomethane
Concen: 0.481 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.026 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

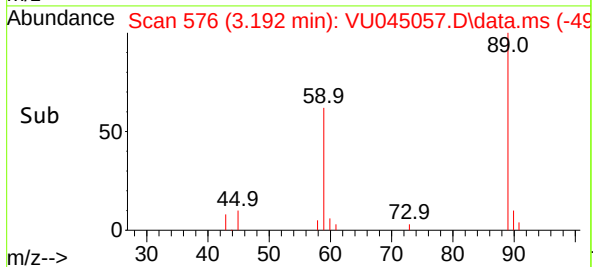
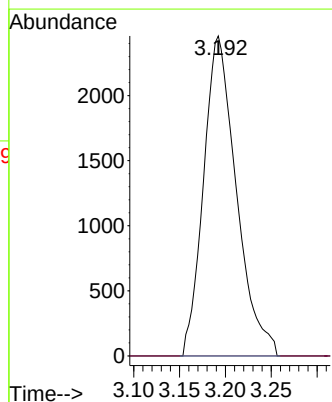
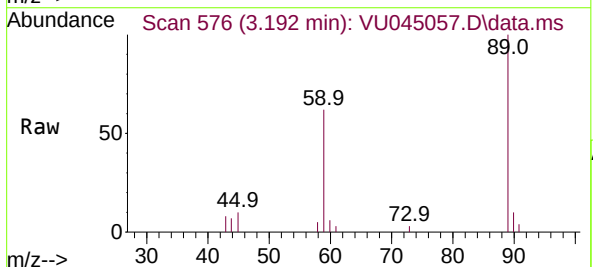
Instrument :
MSVOA_U
ClientSampled :

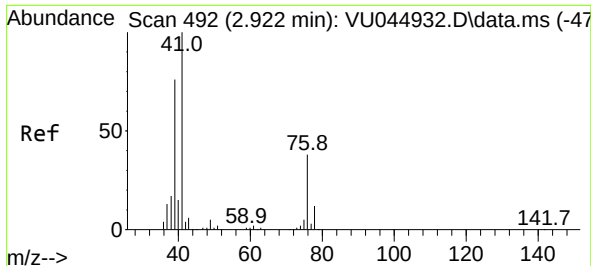
Tgt Ion: 94 Resp: 603
Ion Ratio Lower Upper
94 100
96 74.4 74.5 111.7#



#11
Tert butyl alcohol
Concen: 6.411 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

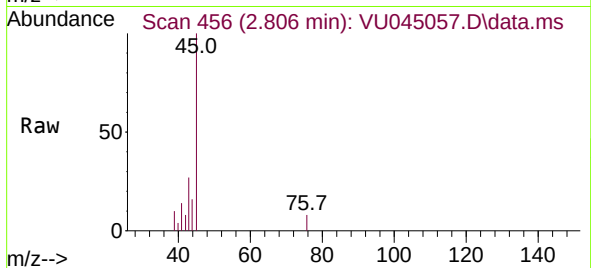
Tgt Ion: 59 Resp: 6116
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



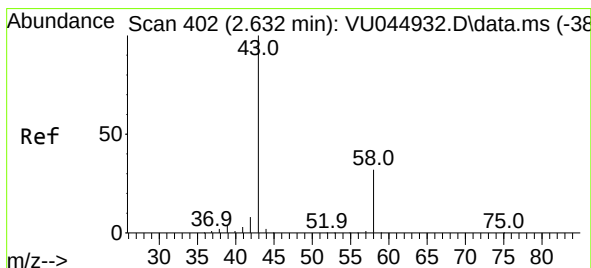
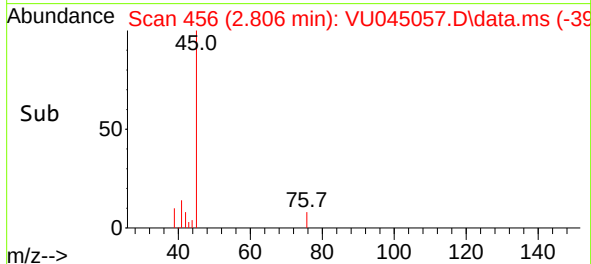
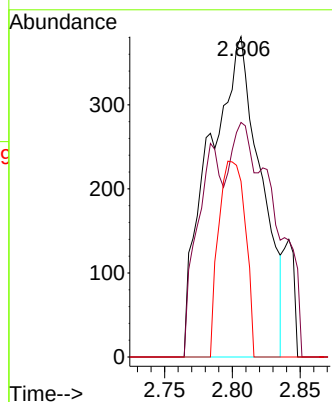


#14
 Allyl chloride
 Concen: 0.231 ug/l
 RT: 2.806 min Scan# 456
 Delta R.T. -0.116 min
 Lab File: VU045057.D
 Acq: 30 Sep 2021 19:11

Instrument :
 MSVOA_U
 ClientSampleId :

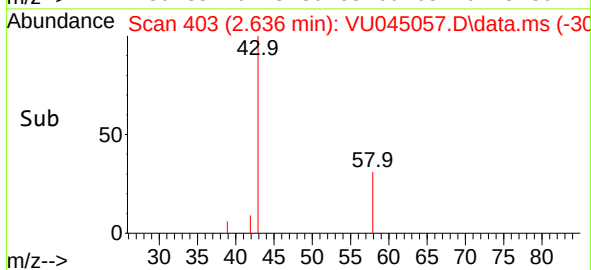
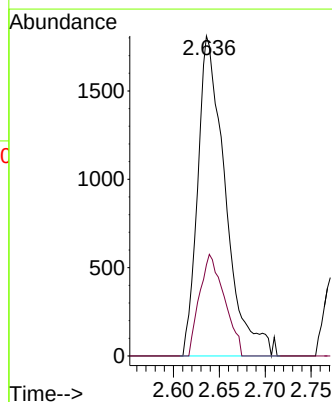
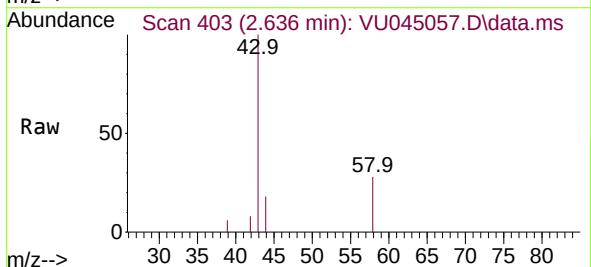


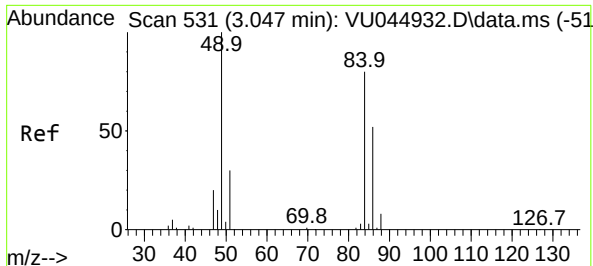
Tgt Ion: 41 Resp: 1014
 Ion Ratio Lower Upper
 41 100
 39 61.1 53.0 79.6
 76 31.3 25.7 38.5



#16
 Acetone
 Concen: 1.921 ug/l
 RT: 2.636 min Scan# 403
 Delta R.T. 0.004 min
 Lab File: VU045057.D
 Acq: 30 Sep 2021 19:11

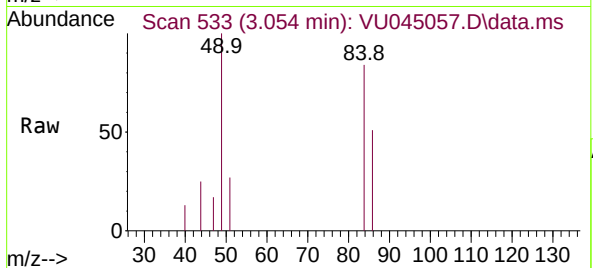
Tgt Ion: 43 Resp: 3790
 Ion Ratio Lower Upper
 43 100
 58 28.5 25.2 37.8



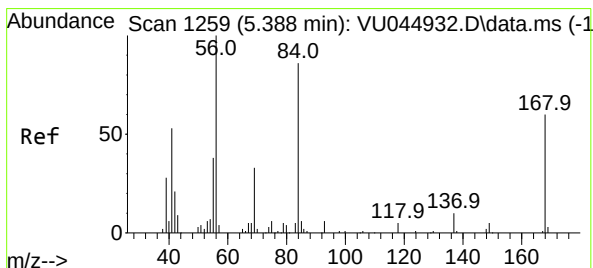
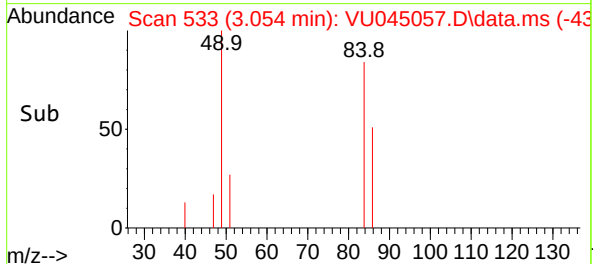
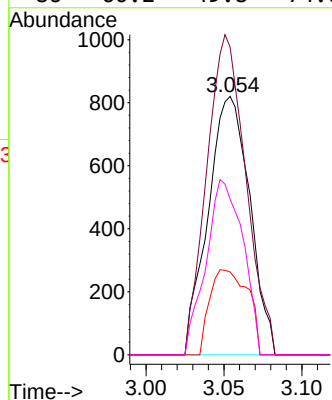


#20
Methylene Chloride
Concen: 0.513 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.007 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampleId :

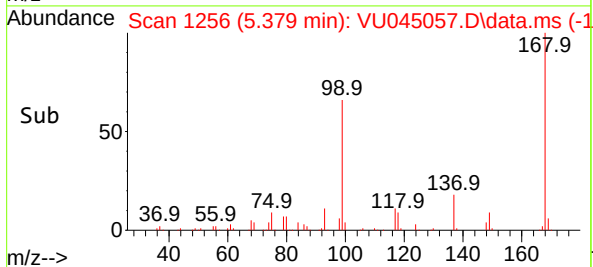
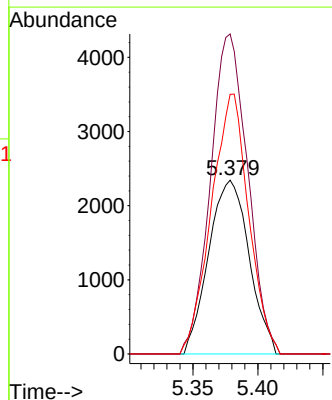
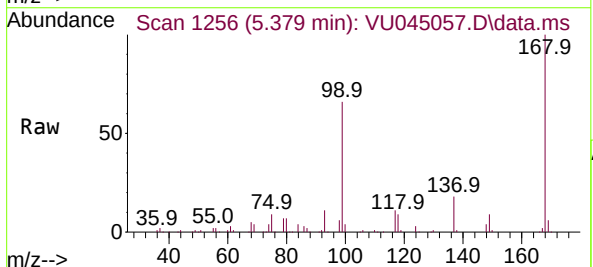


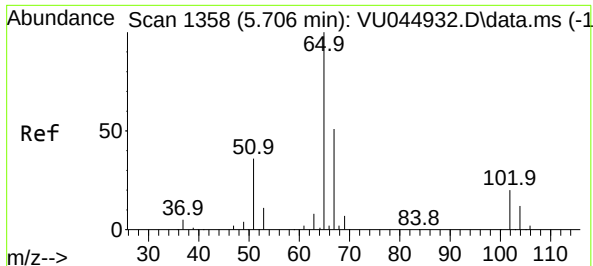
Tgt Ion:	84	Resp:	1524
Ion	Ratio	Lower	Upper
84	100		
49	119.1	104.9	157.3
51	32.1	31.8	47.8
86	60.2	49.8	74.6



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.009 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion:	56	Resp:	5072
Ion	Ratio	Lower	Upper
56	100		
69	184.2	25.2	37.8#
84	149.5	66.4	99.6#



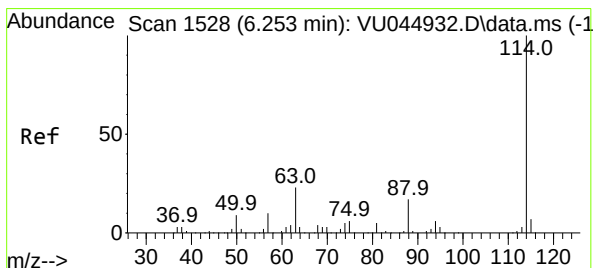
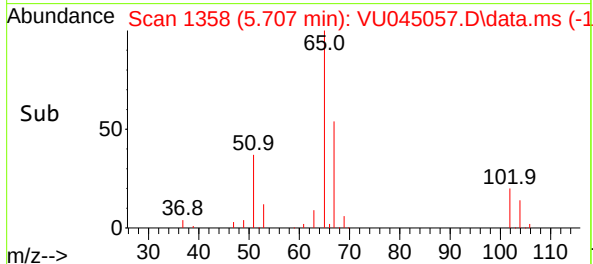
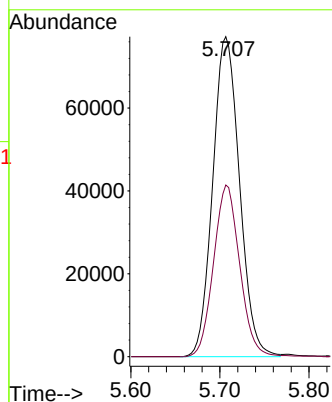
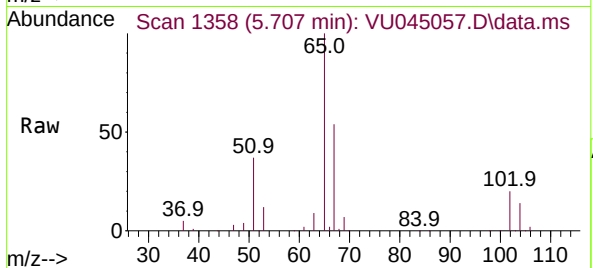


#33

1,2-Dichloroethane-d4
Concen: 48.603 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampled :

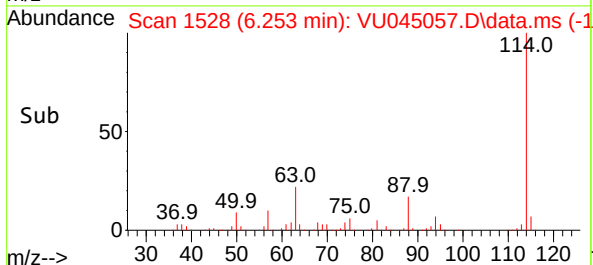
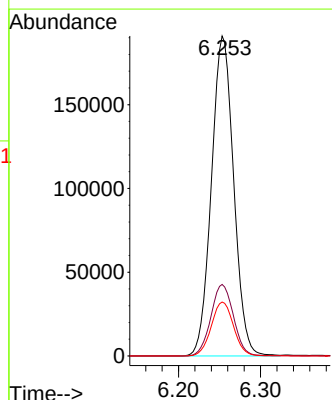
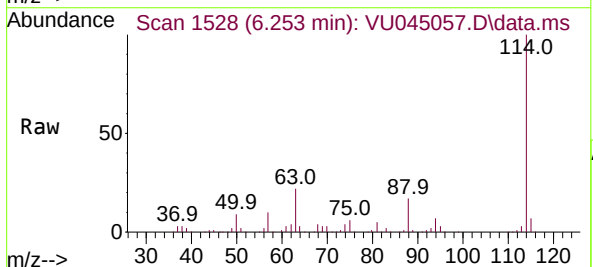
Tgt Ion: 65 Resp: 161541
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

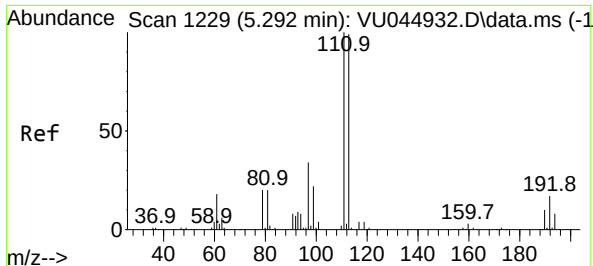


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 114 Resp: 360660
Ion Ratio Lower Upper
114 100
63 22.3 0.0 47.8
88 16.8 0.0 32.8

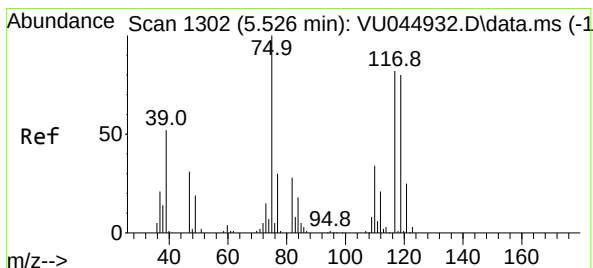
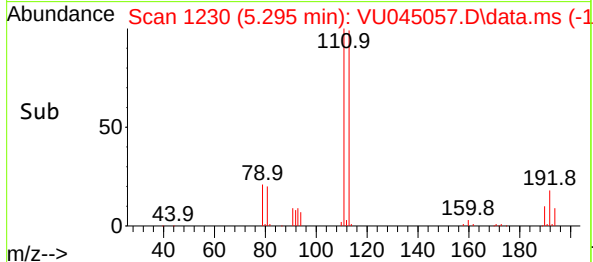
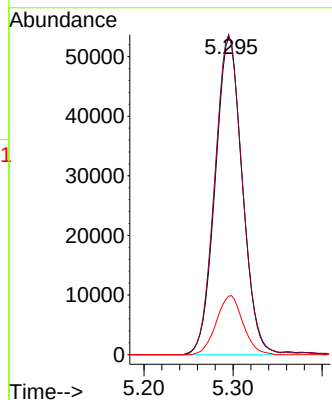
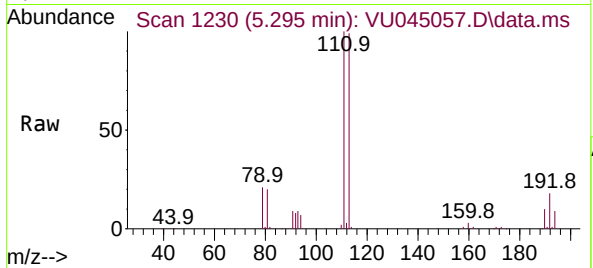




#35
Dibromofluoromethane
Concen: 49.568 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

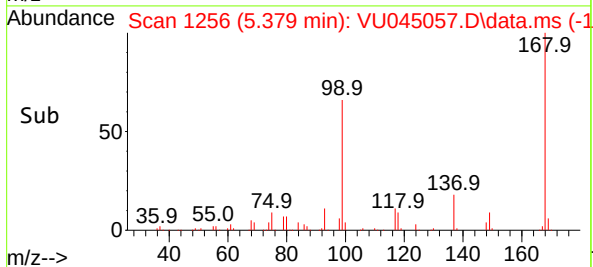
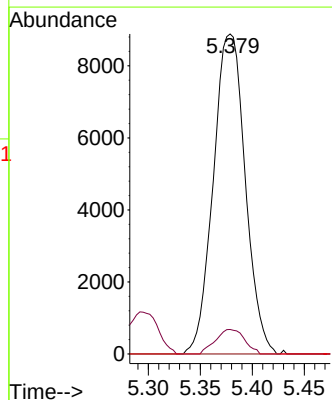
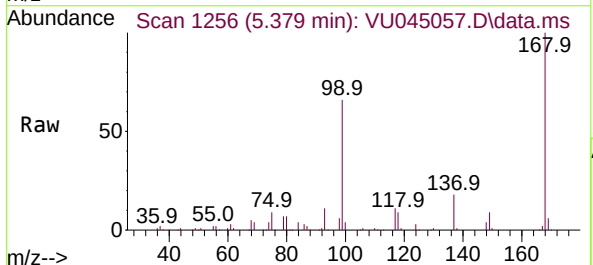
Instrument :
MSVOA_U
ClientSampled :

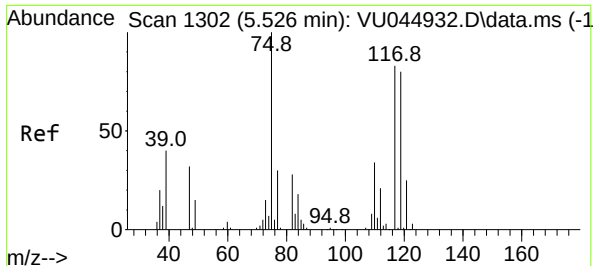
Tgt Ion:113 Resp: 112775
Ion Ratio Lower Upper
113 100
111 102.0 84.1 126.1
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.147 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

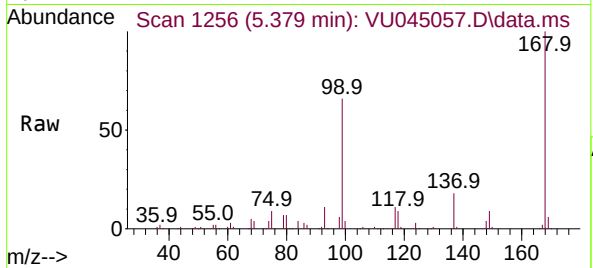
Tgt Ion: 75 Resp: 19013
Ion Ratio Lower Upper
75 100
110 6.9 16.3 48.9#
77 0.0 25.0 37.4#



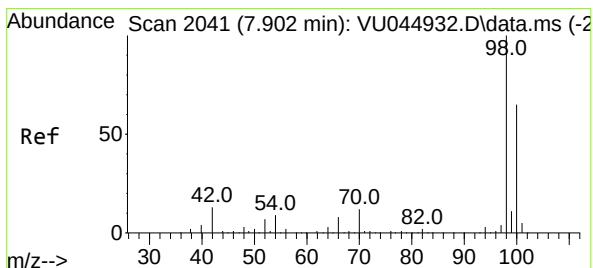
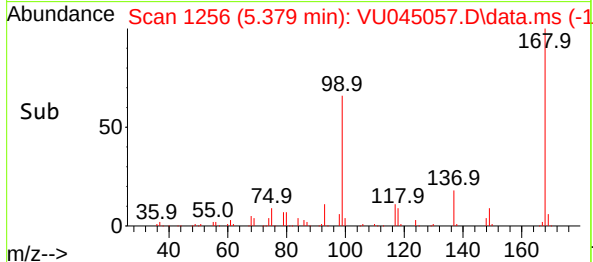
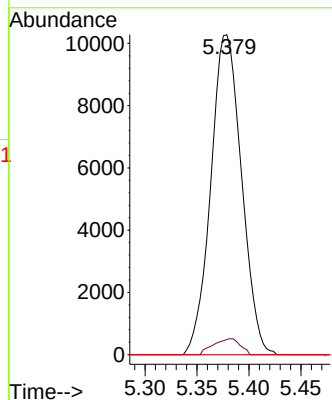


#38
Carbon Tetrachloride
Concen: 6.484 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.147 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampleId :

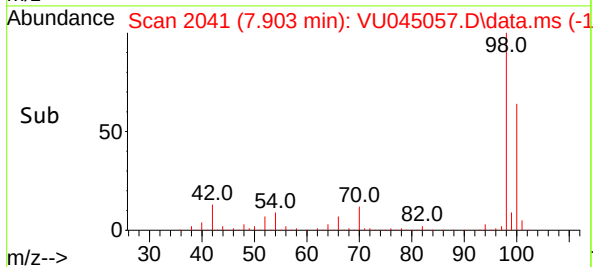
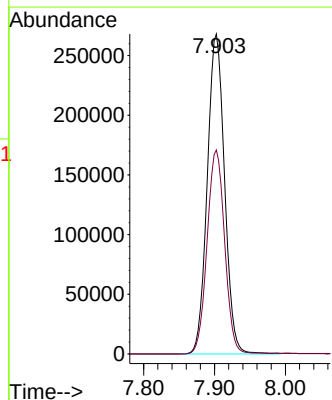
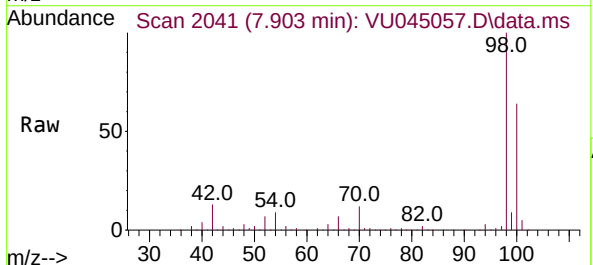


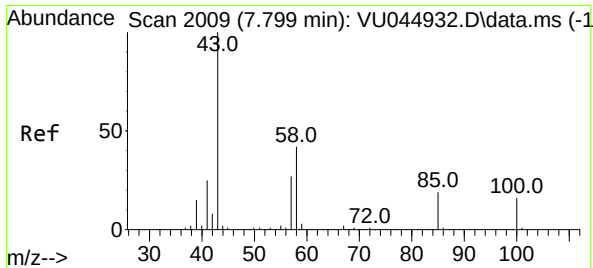
Tgt Ion:117 Resp: 21163
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.580 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 98 Resp: 454687
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

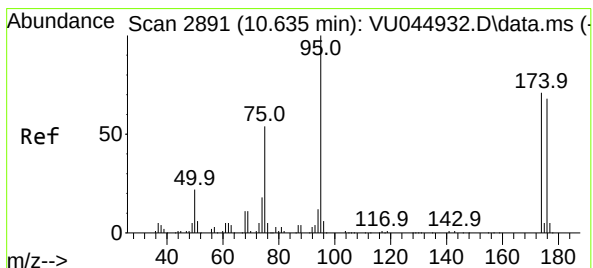
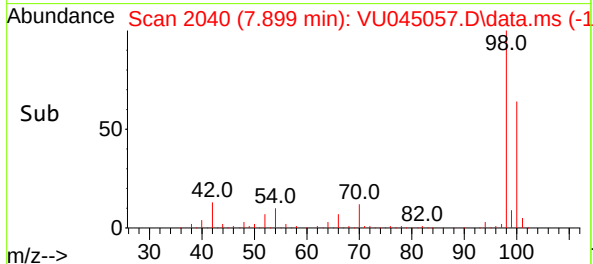
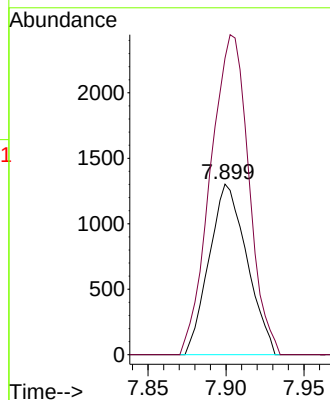
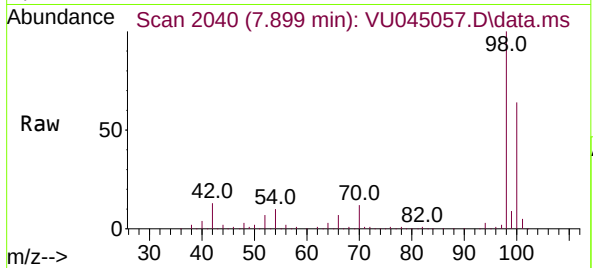




#51
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.100 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

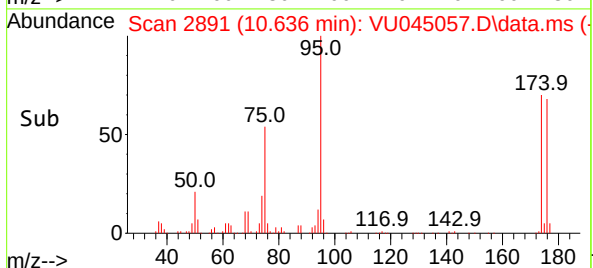
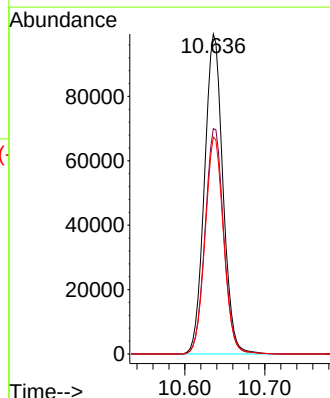
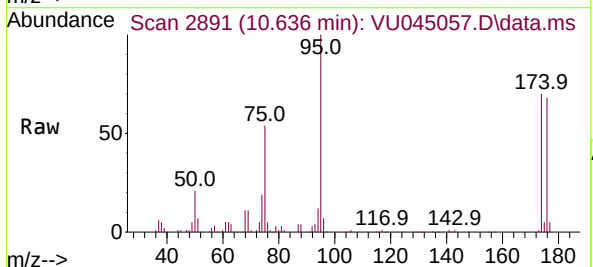
Instrument :
MSVOA_U
ClientSampled :

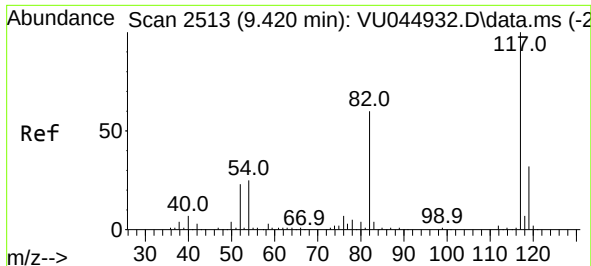
Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
58 190.2 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 42.970 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 95 Resp: 159477
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 67.9 0.0 141.2

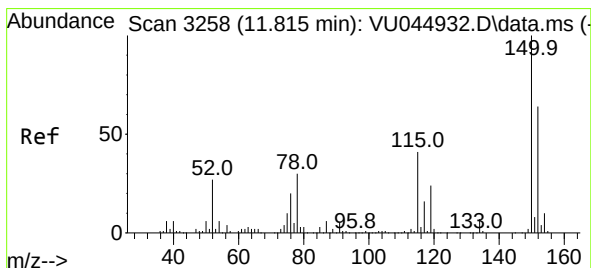
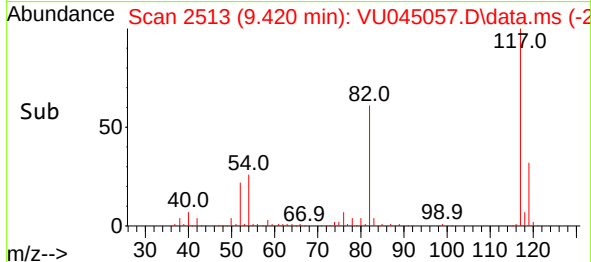
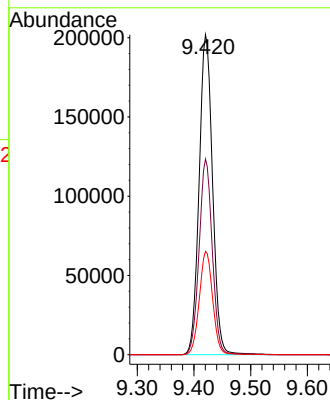
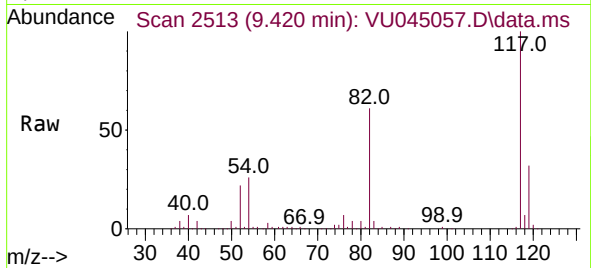




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

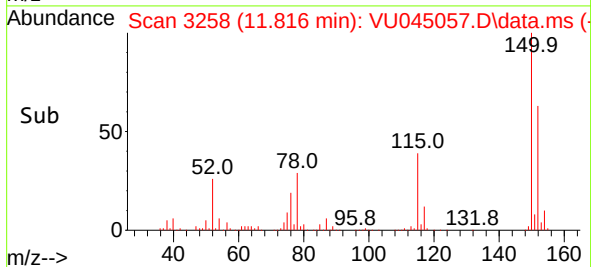
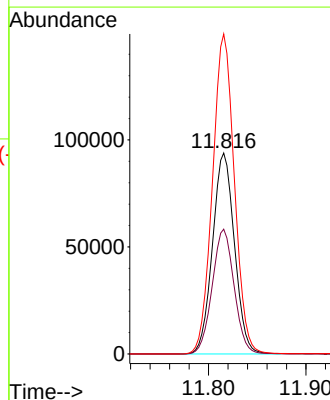
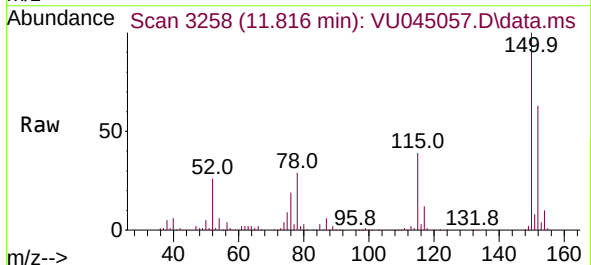
Instrument :
MSVOA_U
ClientSampleId :

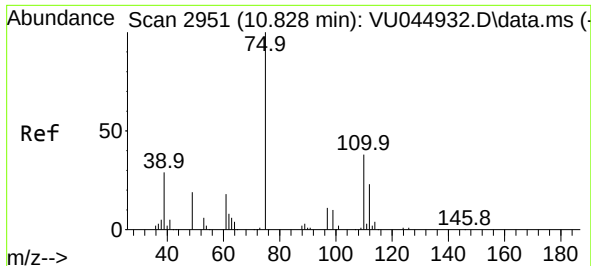
Tgt Ion:117 Resp: 332639
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion:152 Resp: 146981
Ion Ratio Lower Upper
152 100
115 62.0 43.5 130.7
150 158.7 0.0 350.0

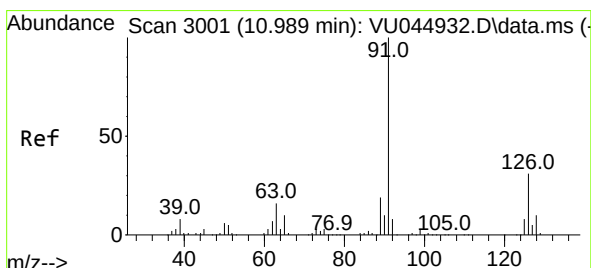
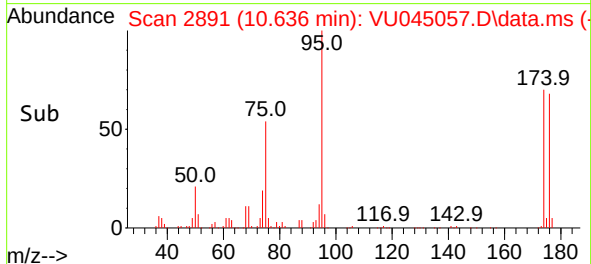
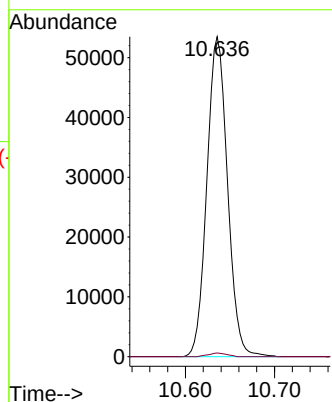
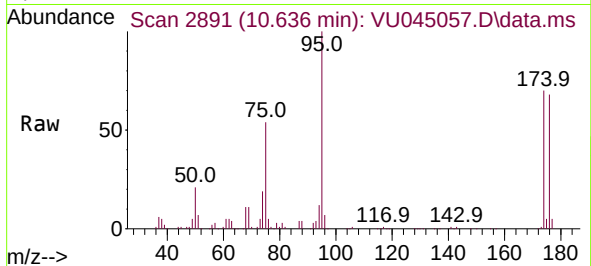




#76
1,2,3-Trichloropropane
Concen: 20.067 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

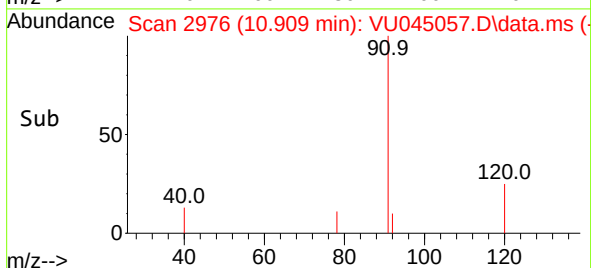
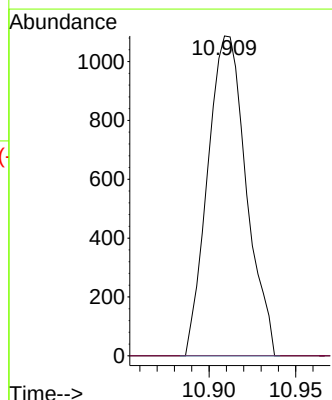
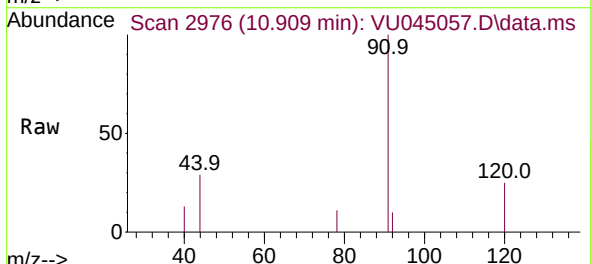
Instrument :
MSVOA_U
ClientSampleId :

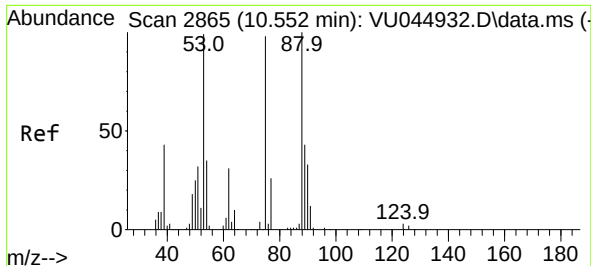
Tgt Ion: 75 Resp: 86029
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#79
2-Chlorotoluene
Concen: 0.202 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.080 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 91 Resp: 1687
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.0#

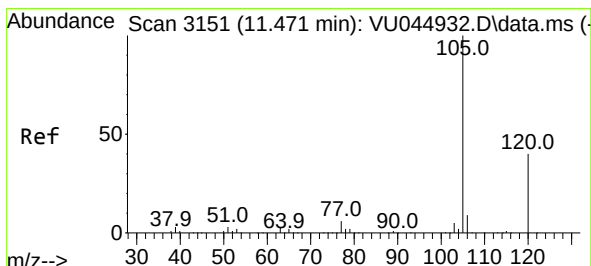
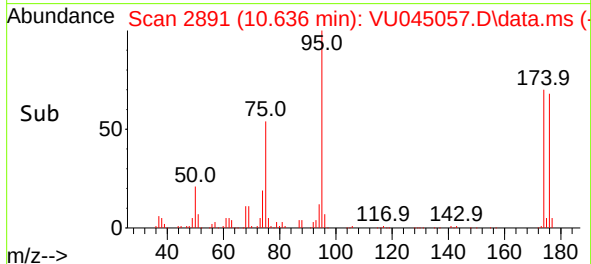
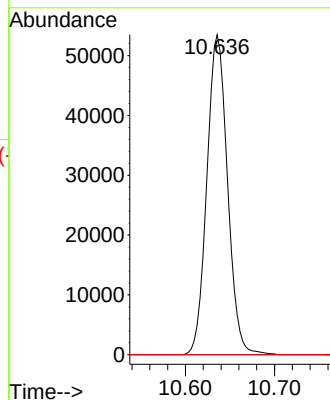
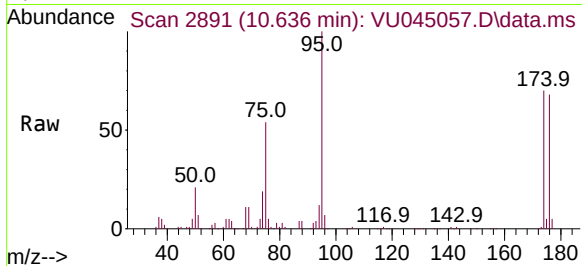




#81
trans-1,4-Dichloro-2-butene
Concen: 55.688 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 86029
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.272 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.004 min
Lab File: VU045057.D
Acq: 30 Sep 2021 19:11

Tgt Ion: 105 Resp: 2576
Ion Ratio Lower Upper
105 100
120 35.4 22.4 67.3

