

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045357.D
 Acq On : 22 Oct 2021 12:01
 Operator : SY/MD
 Sample : VU1022WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 22 15:10:43 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)

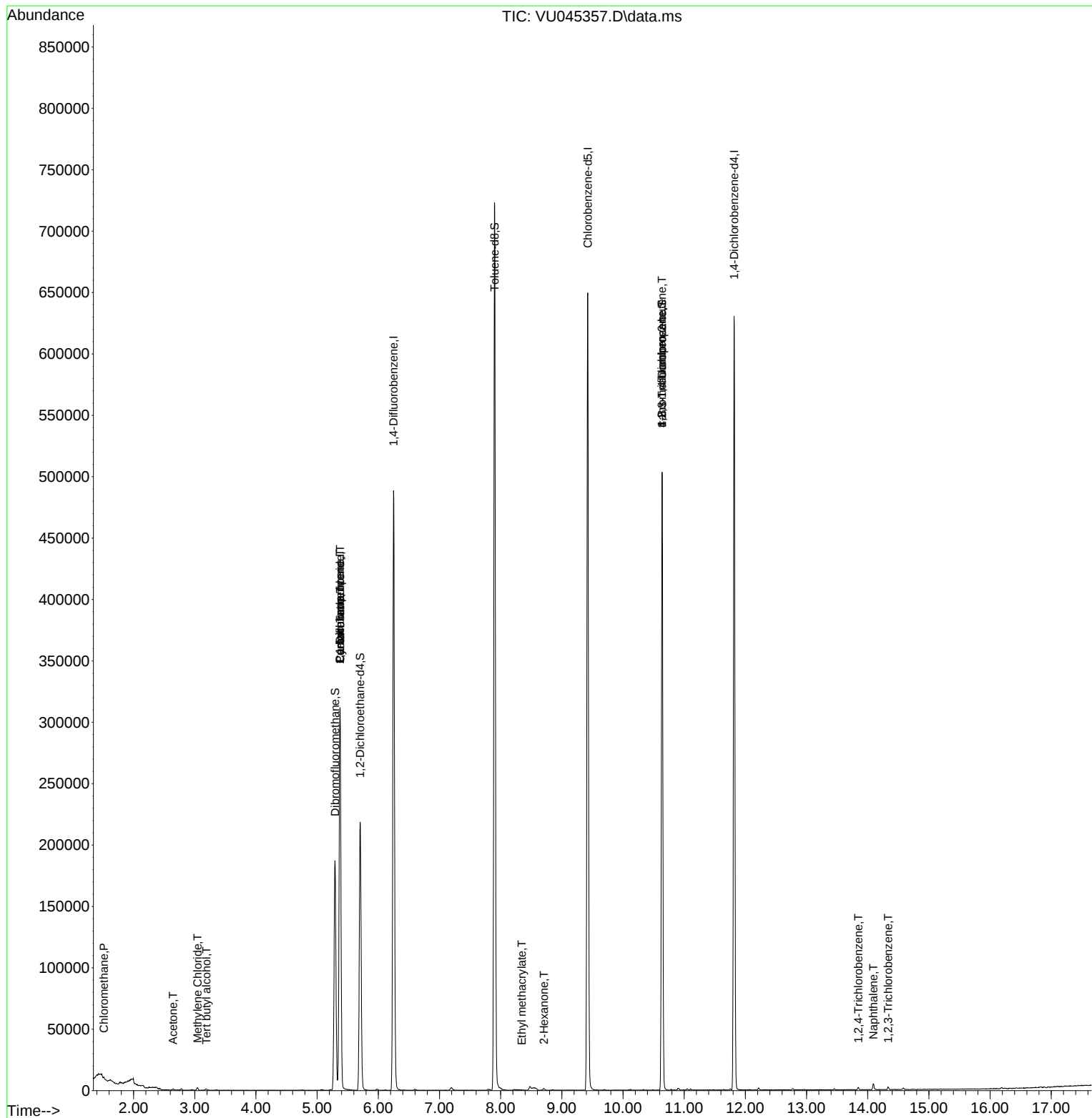
Internal Standards						
1) Pentafluorobenzene	5.375	168	209919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	393525	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	363703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	154246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166154	47.549	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.100%		
35) Dibromofluoromethane	5.292	113	123709	49.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	7.899	98	484068	49.351	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.700%		
62) 4-Bromofluorobenzene	10.639	95	175597	43.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.720%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	935	0.278	ug/l	93
11) Tert butyl alcohol	3.192	59	611	0.609	ug/l #	72
16) Acetone	2.645	43	1243	0.599	ug/l	91
20) Methylene Chloride	3.044	84	999	0.320	ug/l	85
31) Cyclohexane	5.375	56	5022	0.946	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19154	4.654	ug/l #	49
38) Carbon Tetrachloride	5.375	117	22114	6.210	ug/l #	16
56) Ethyl methacrylate	8.346	69	42	1.827	ug/l #	24
59) 2-Hexanone	8.710	43	1408	0.290	ug/l	92
76) 1,2,3-Trichloropropane	10.639	75	90326	20.077	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.639	75	90326	55.716	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.844	180	825	0.273	ug/l	97
95) Naphthalene	14.092	128	4290	0.377	ug/l	97
96) 1,2,3-Trichlorobenzene	14.336	180	954	0.314	ug/l	94

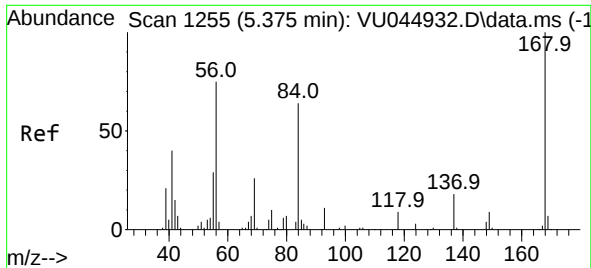
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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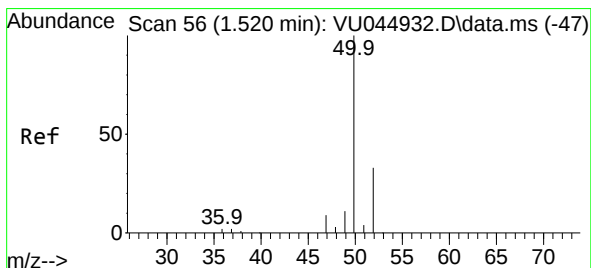
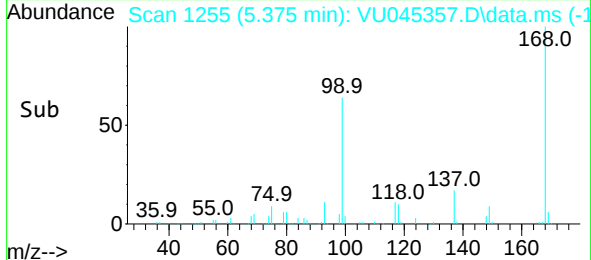
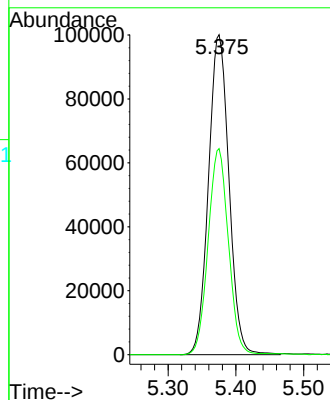
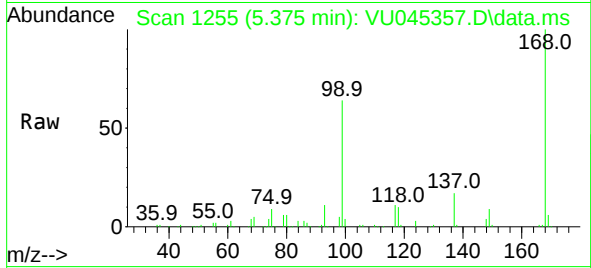




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

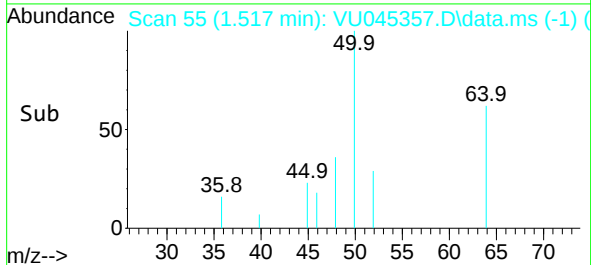
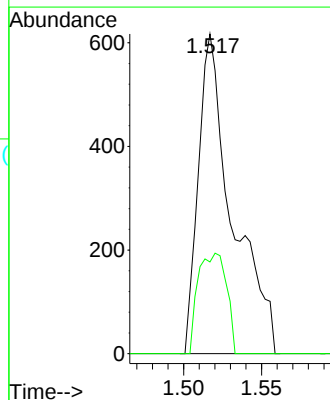
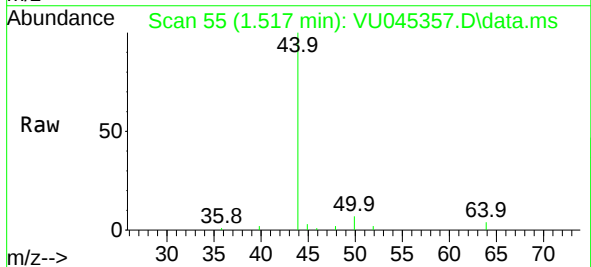
Instrument :
MSVOA_U
ClientSampleId :

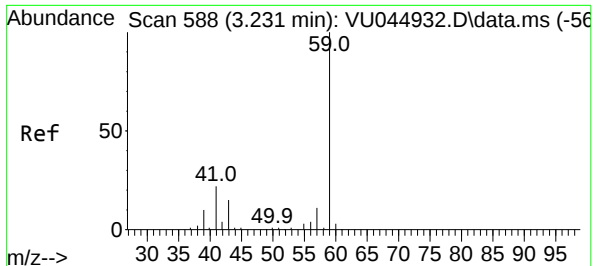
Tgt Ion:168 Resp: 209919
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0



#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 50 Resp: 935
Ion Ratio Lower Upper
50 100
52 28.7 26.3 39.5



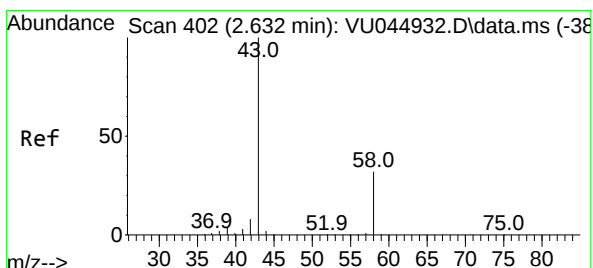
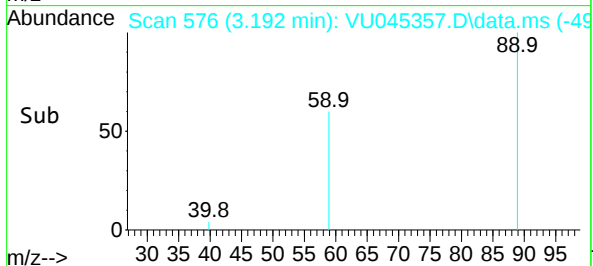
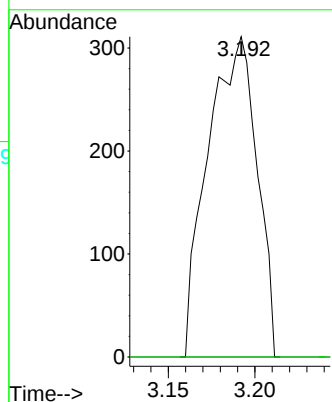
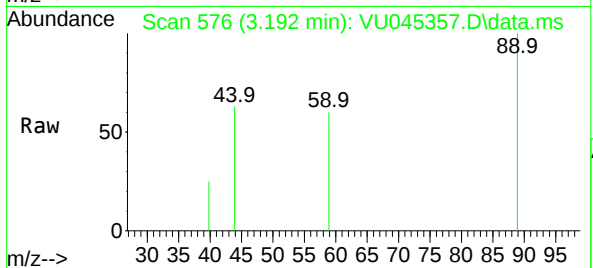


#11

Tert butyl alcohol
Concen: 0.609 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Instrument :
MSVOA_U
ClientSampled :

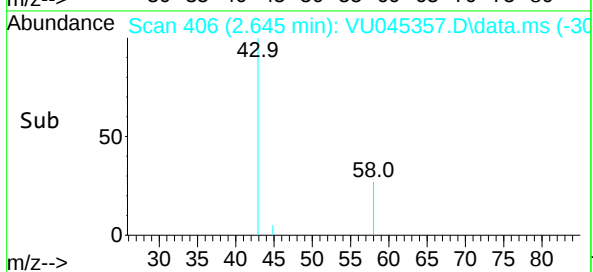
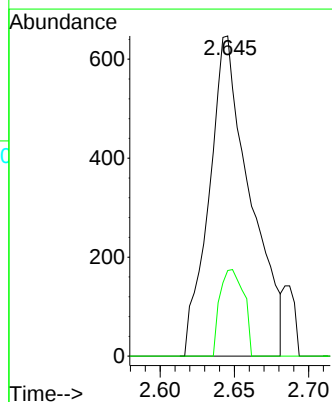
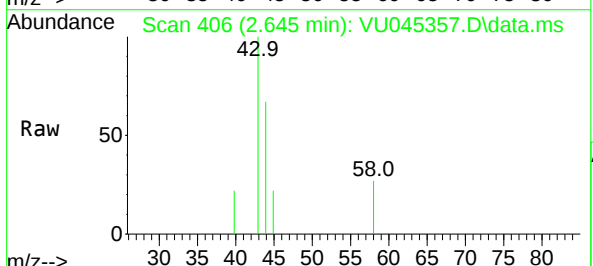
Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

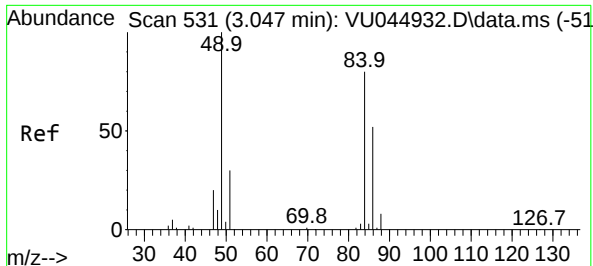


#16

Acetone
Concen: 0.599 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 26.7 25.2 37.8



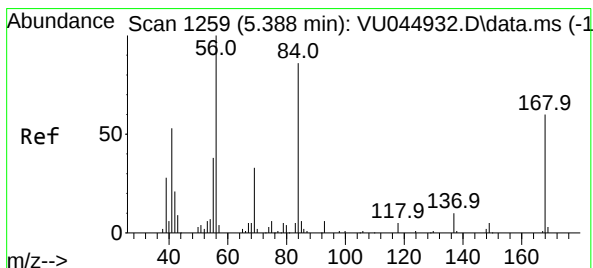
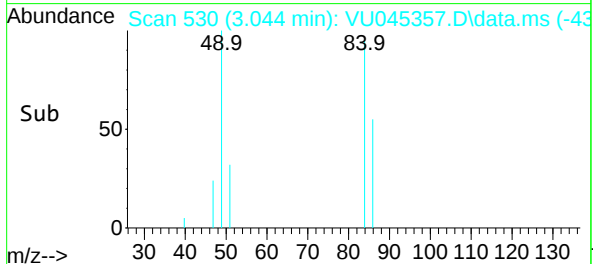
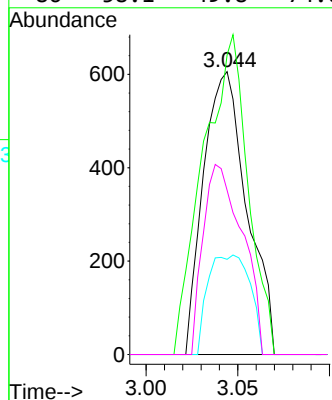
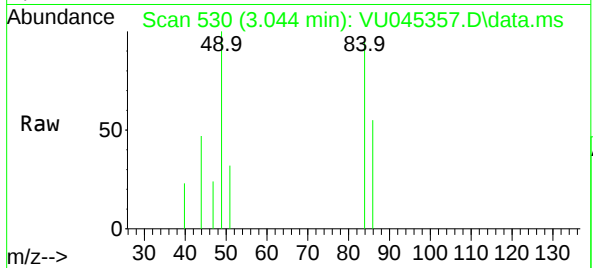


#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 999

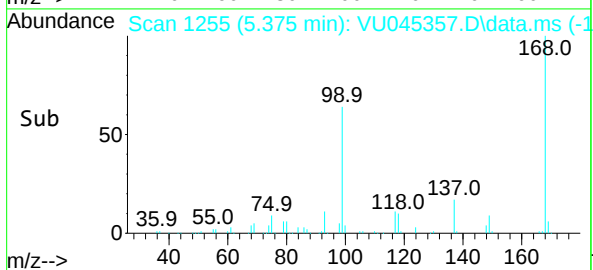
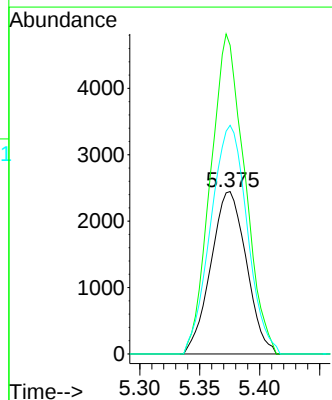
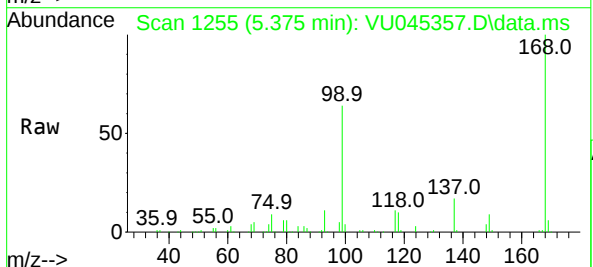
Ion	Ratio	Lower	Upper
84	100		
49	105.8	104.9	157.3
51	33.7	31.8	47.8
86	58.1	49.8	74.6

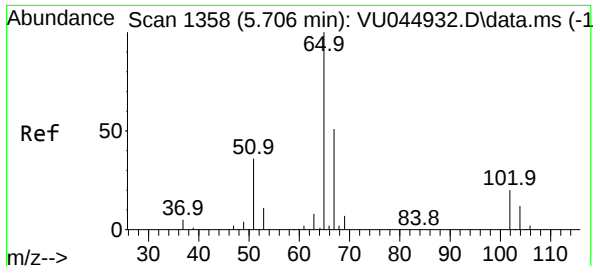


#31
Cyclohexane
Concen: 0.946 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 56 Resp: 5022

Ion	Ratio	Lower	Upper
56	100		
69	190.1	25.2	37.8#
84	140.8	66.4	99.6#



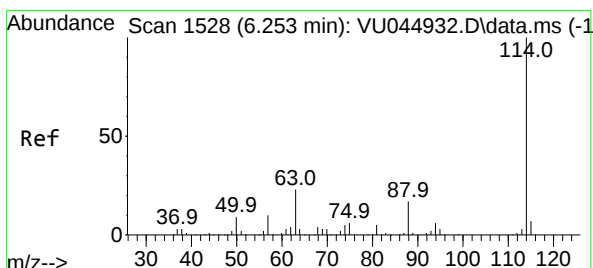
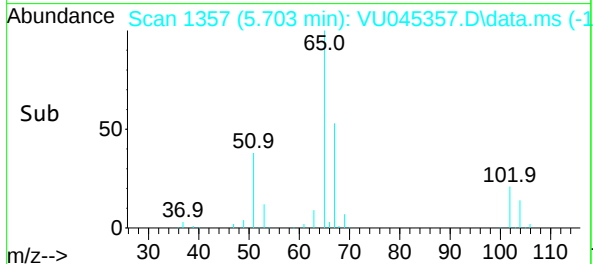
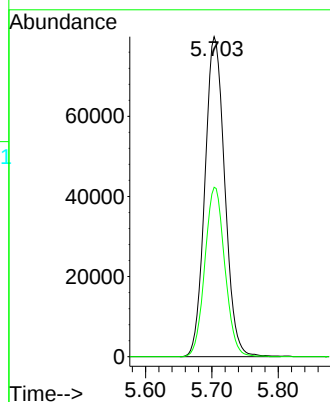
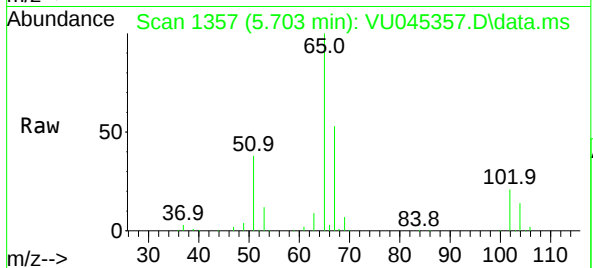


#33

1,2-Dichloroethane-d4
Concen: 47.549 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Instrument :
MSVOA_U
ClientSampleId :

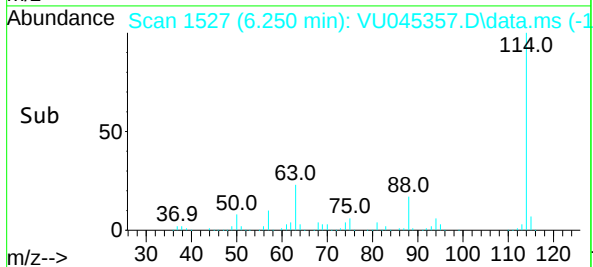
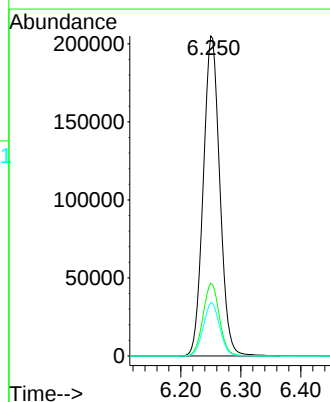
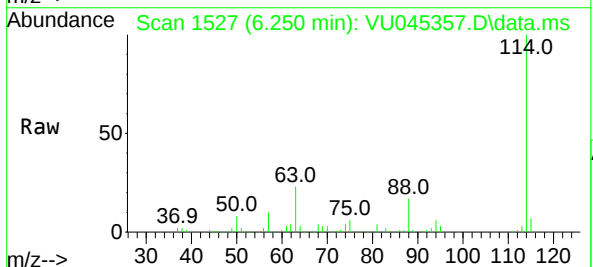
Tgt Ion: 65 Resp: 166154
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

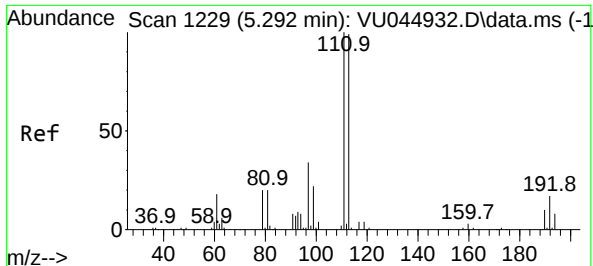


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

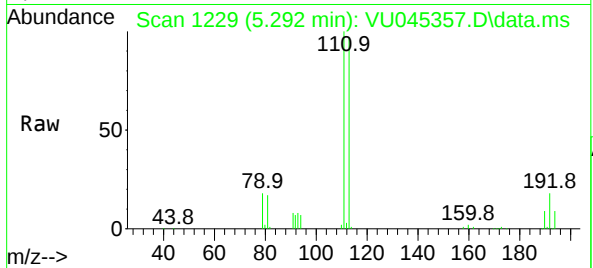
Tgt Ion: 114 Resp: 393525
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 16.7 0.0 32.8



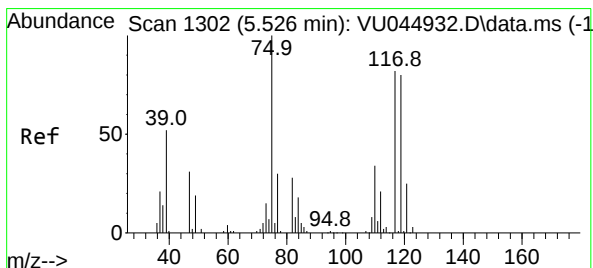
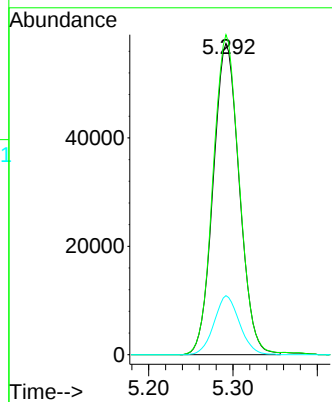
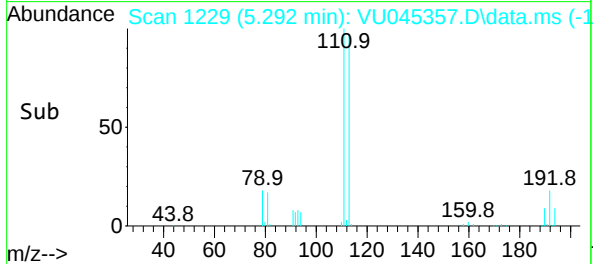


#35
Dibromofluoromethane
Concen: 49.833 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

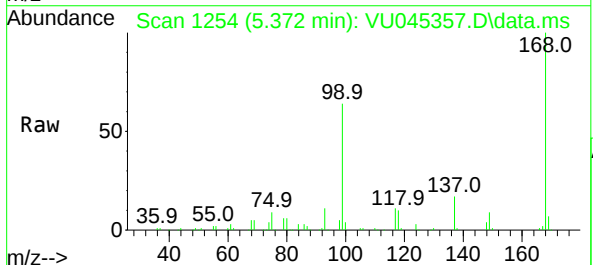
Instrument :
MSVOA_U
ClientSampleId :



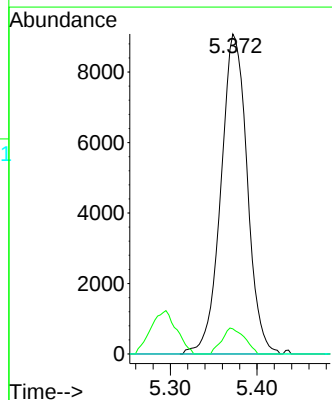
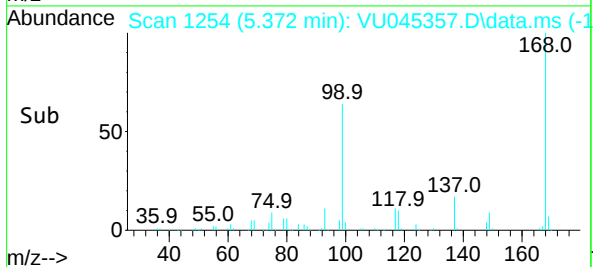
Tgt Ion:113 Resp: 123709
Ion Ratio Lower Upper
113 100
111 102.6 84.1 126.1
192 18.4 14.8 22.2

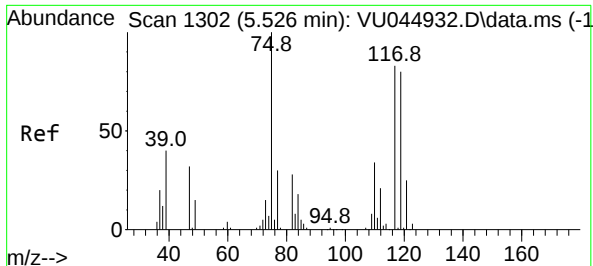


#36
1,1-Dichloropropene
Concen: 4.654 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01



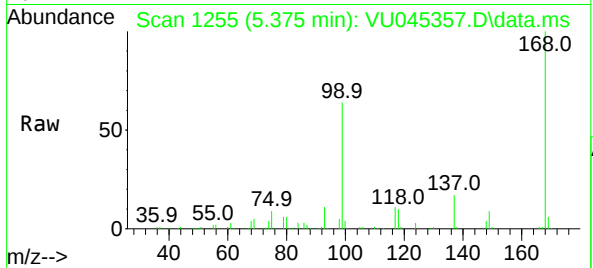
Tgt Ion: 75 Resp: 19154
Ion Ratio Lower Upper
75 100
110 7.0 16.3 48.9#
77 0.0 25.0 37.4#



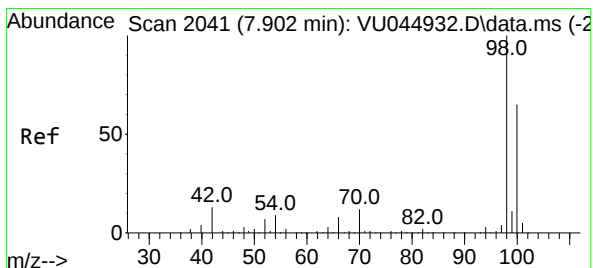
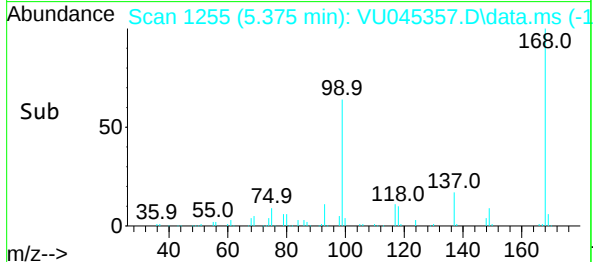
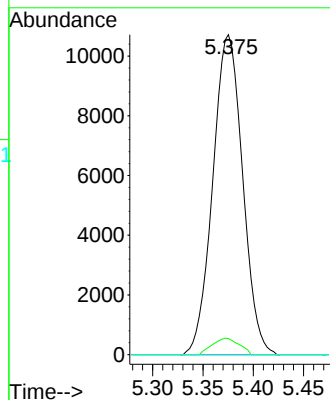


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Instrument :
MSVOA_U
ClientSampleId :

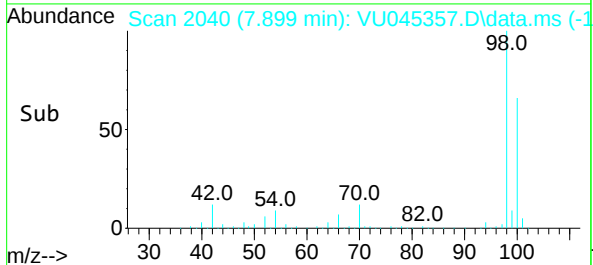
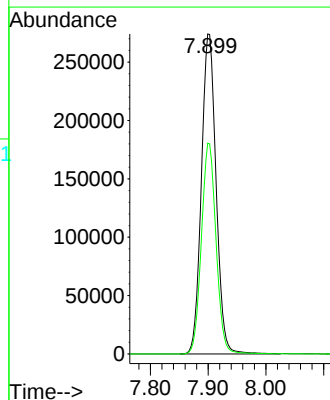
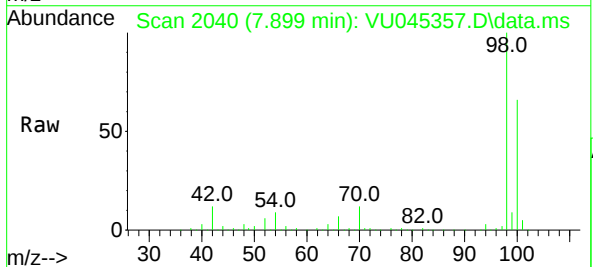


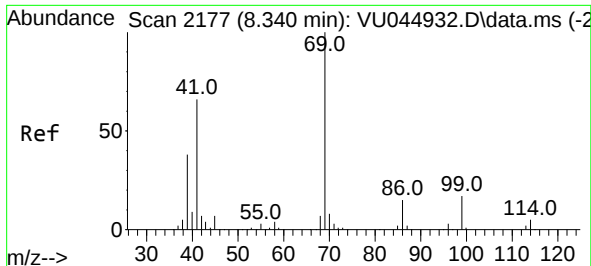
Tgt Ion:117 Resp: 22114
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.351 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 98 Resp: 484068
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

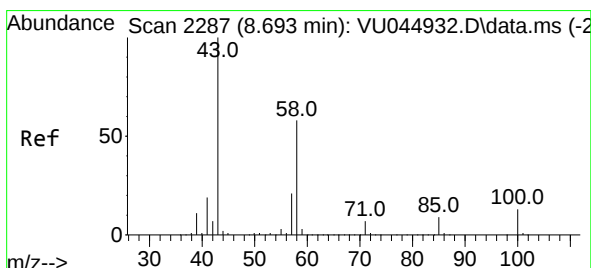
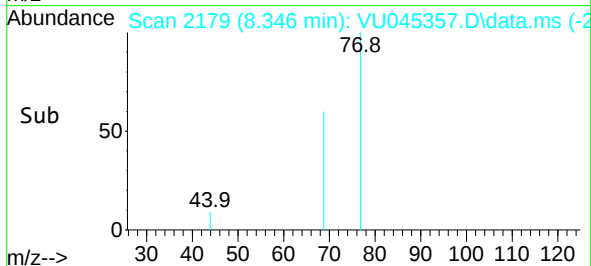
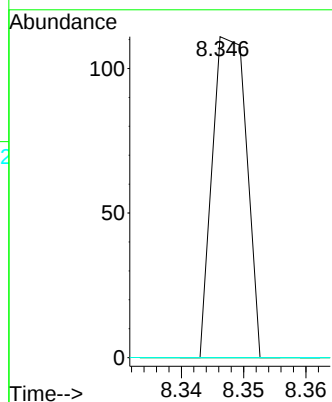
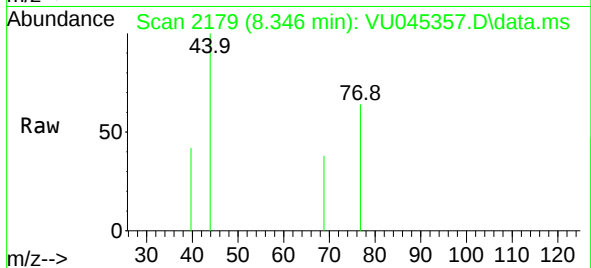




#56
Ethyl methacrylate
Concen: 1.827 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. 0.006 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

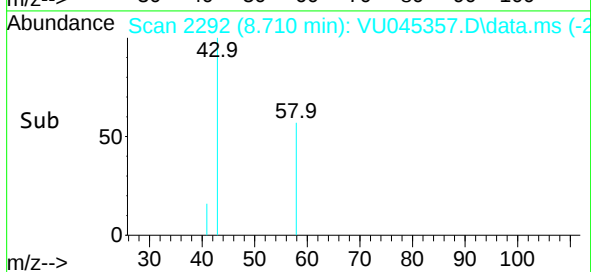
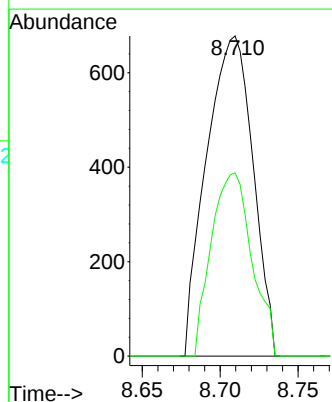
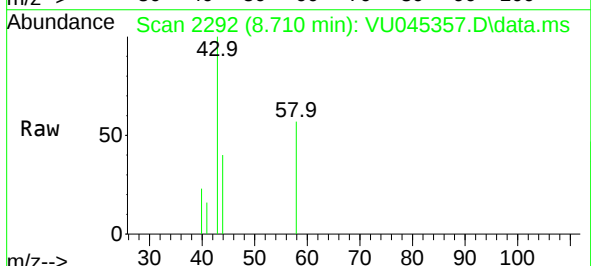
Instrument :
MSVOA_U
ClientSampled :

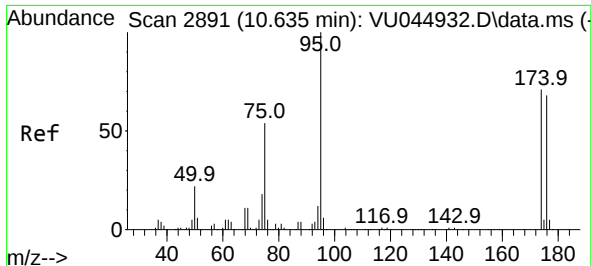
Tgt Ion: 69 Resp: 42
Ion Ratio Lower Upper
69 100
41 0.0 53.5 80.3#
39 0.0 31.1 46.7#



#59
2-Hexanone
Concen: 0.290 ug/l
RT: 8.710 min Scan# 2292
Delta R.T. 0.017 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 50.1 28.0 84.0

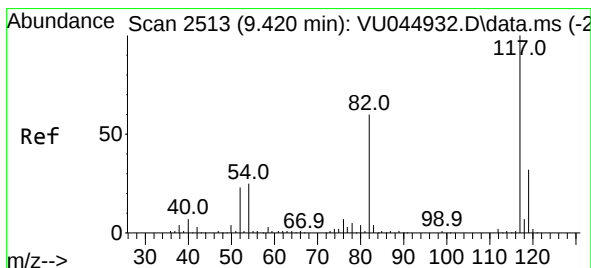
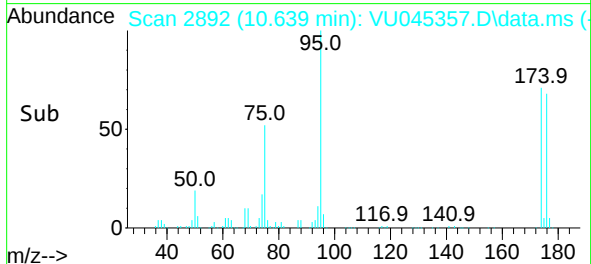
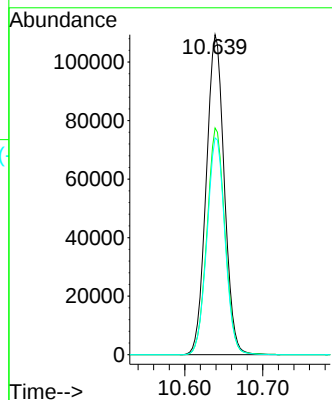
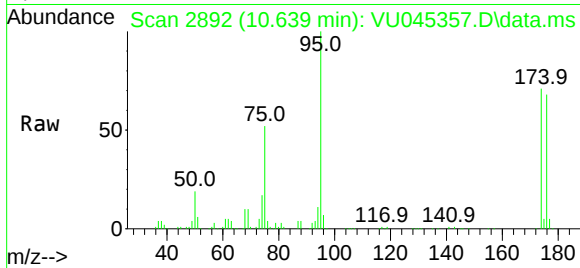




#62
4-Bromofluorobenzene
Concen: 43.362 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

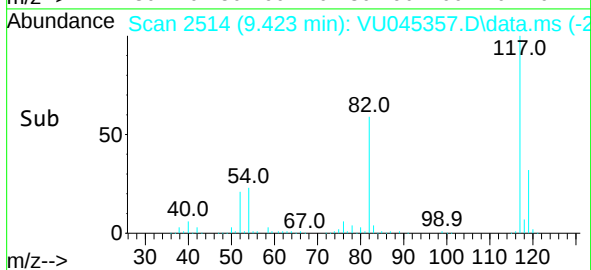
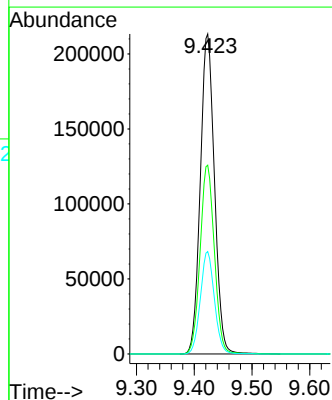
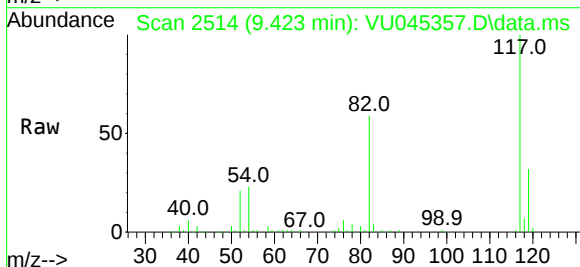
Instrument :
MSVOA_U
ClientSampleId :

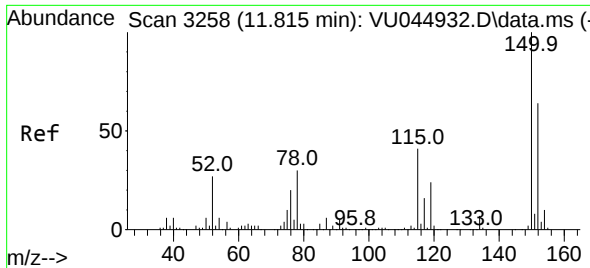
Tgt Ion: 95 Resp: 175597
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.6
176 67.7 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 117 Resp: 363703
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 32.0 25.8 38.6

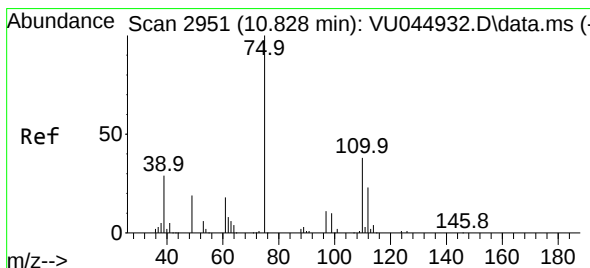
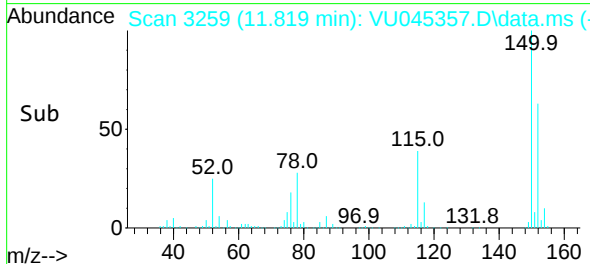
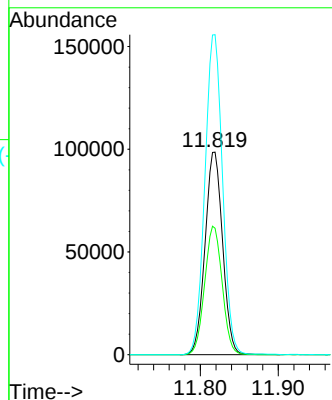
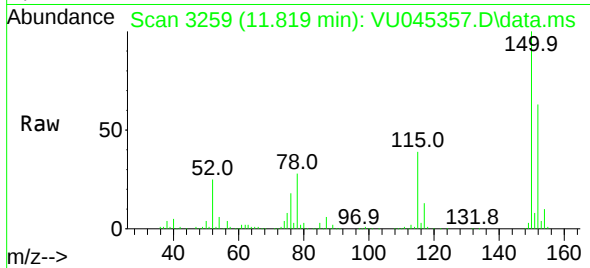




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

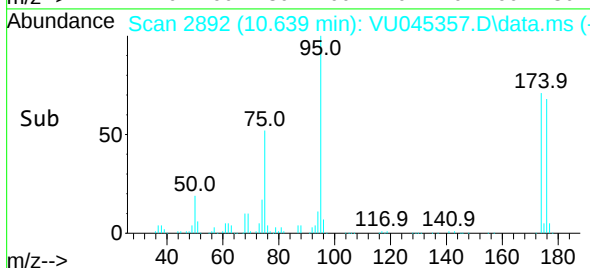
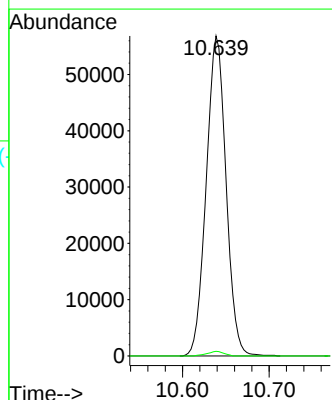
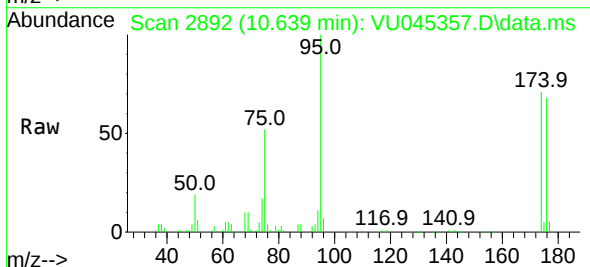
Instrument :
MSVOA_U
ClientSampled :

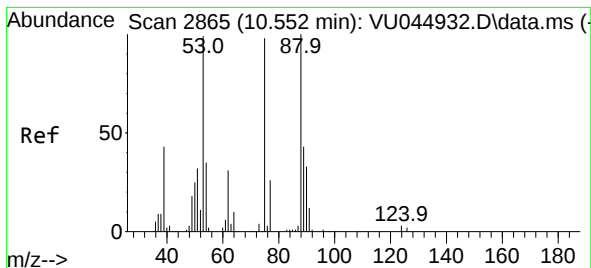
Tgt Ion:152 Resp: 154246
Ion Ratio Lower Upper
152 100
115 63.1 43.5 130.7
150 158.8 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 20.077 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.189 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion: 75 Resp: 90326
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#

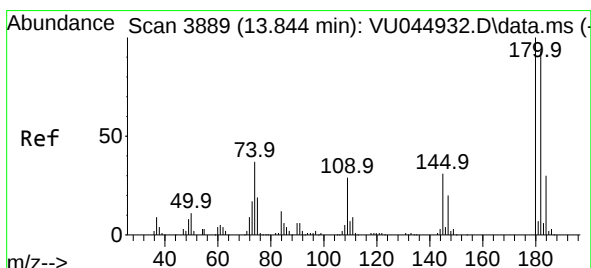
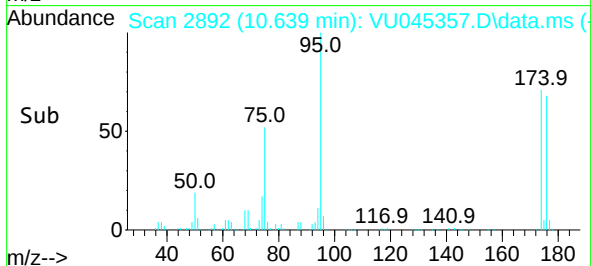
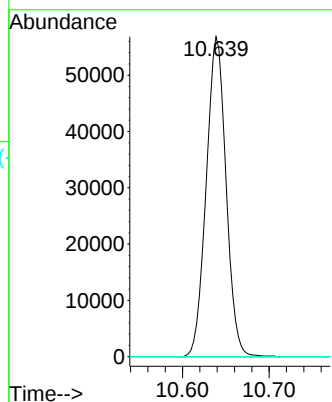
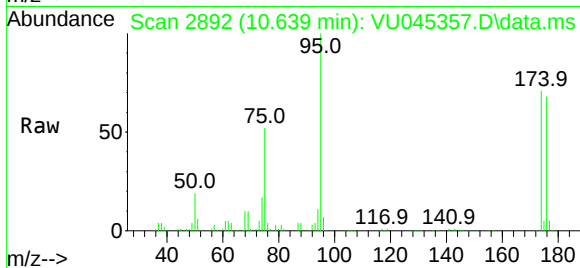




#81
trans-1,4-Dichloro-2-butene
Concen: 55.716 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

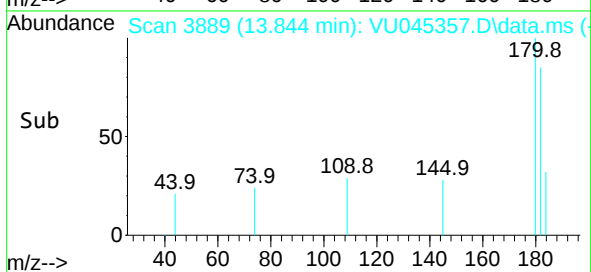
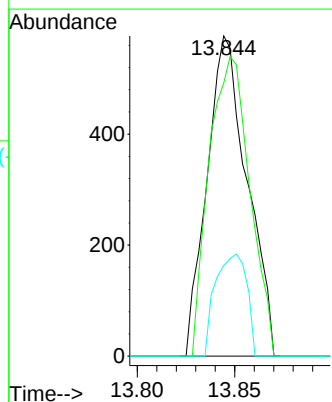
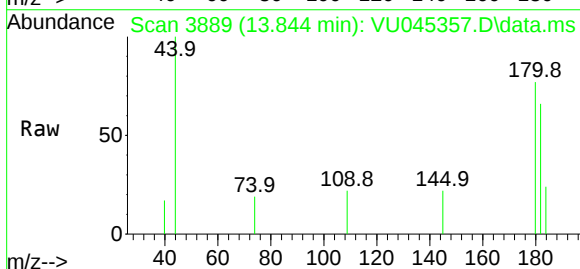
Instrument :
MSVOA_U
ClientSampleId :

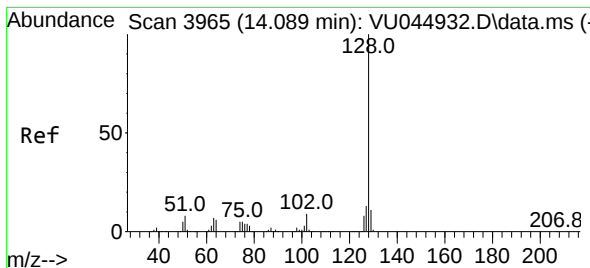
Tgt Ion: 75 Resp: 90326
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.273 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion:180 Resp: 825
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 24.8 15.4 46.2

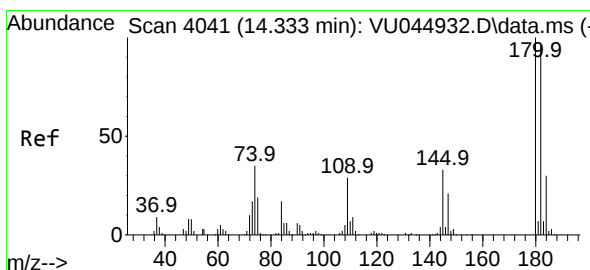
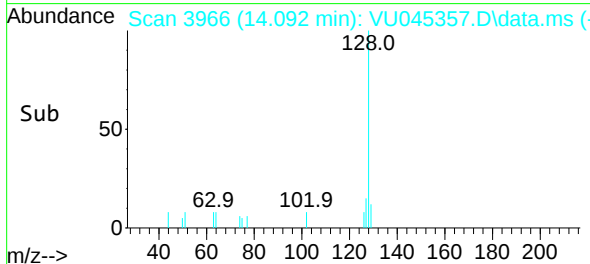
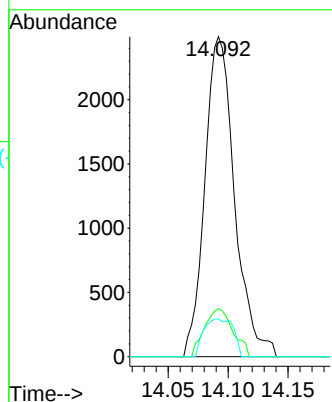
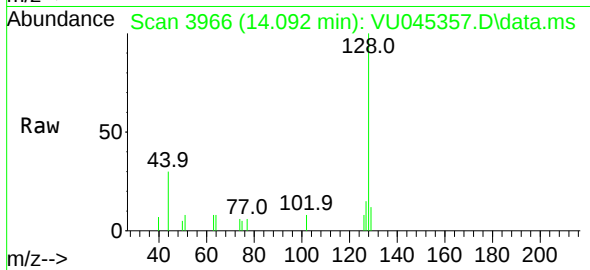




#95
Naphthalene
Concen: 0.377 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	4290
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.4 15.6
129	11.7	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.314 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045357.D
Acq: 22 Oct 2021 12:01

Tgt Ion:180	Resp:	954
Ion Ratio	Lower	Upper
180	100	
182	88.9	47.1 141.4
145	28.7	16.4 49.2

