

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045037.D
 Acq On : 30 Sep 2021 11:16
 Operator : SY/MD
 Sample : VU0930WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 16:06:27 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)

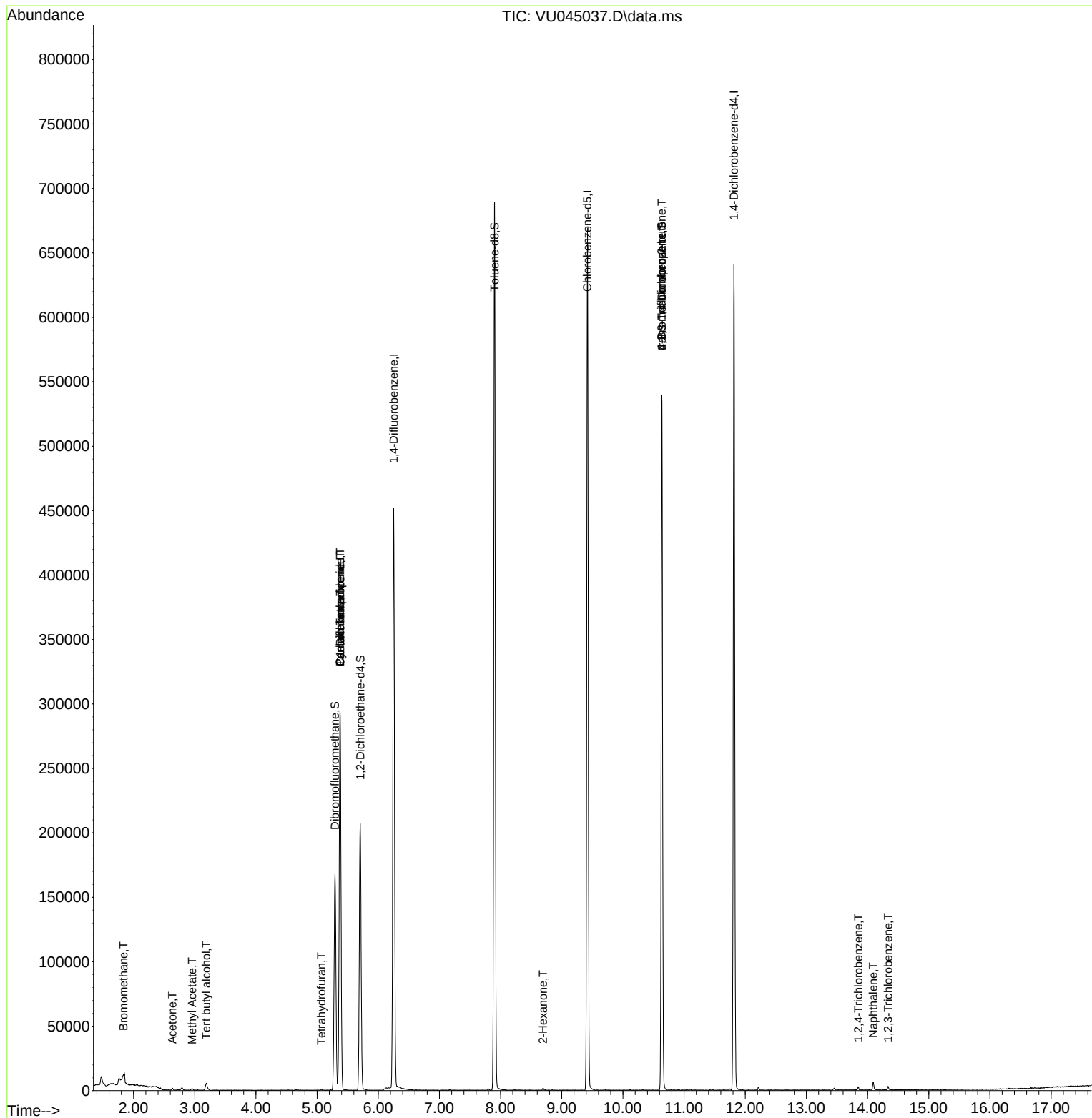
Internal Standards						
1) Pentafluorobenzene	5.375	168	191503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	348507	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	344401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	158969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	155972	48.928	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.860%		
35) Dibromofluoromethane	5.292	113	107081	48.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	7.902	98	443493	51.055	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.100%		
62) 4-Bromofluorobenzene	10.635	95	177217	49.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.820%		
Target Compounds						Qvalue
5) Bromomethane	1.832	94	553	0.460	ug/l	94
11) Tert butyl alcohol	3.186	59	3728	4.075	ug/l #	72
16) Acetone	2.633	43	1441	0.762	ug/l	89
18) Methyl Acetate	2.957	43	1818	0.329	ug/l #	82
29) Tetrahydrofuran	5.070	42	487	0.304	ug/l #	59
31) Cyclohexane	5.375	56	5127	1.059	ug/l #	8
36) 1,1-Dichloropropene	5.375	75	18341	5.032	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20238	6.417	ug/l #	16
59) 2-Hexanone	8.693	43	1446	0.336	ug/l	76
76) 1,2,3-Trichloropropane	10.635	75	96339	20.777	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	96339	57.659	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.848	180	866	0.278	ug/l #	88
95) Naphthalene	14.092	128	5346	0.456	ug/l	97
96) 1,2,3-Trichlorobenzene	14.336	180	1045	0.334	ug/l	97

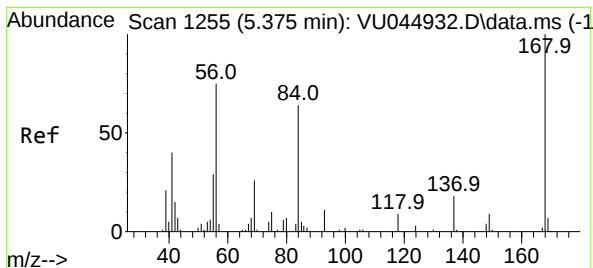
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 16:06:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VU045037.D

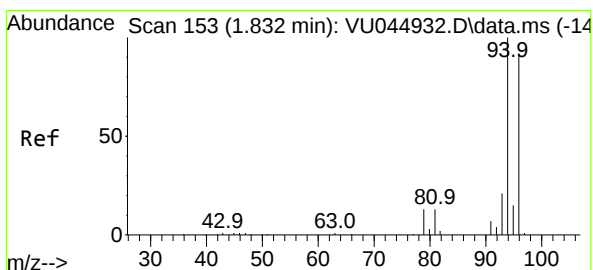
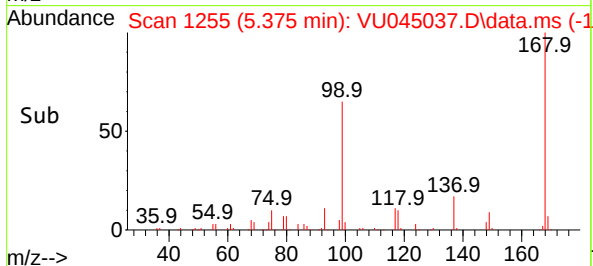
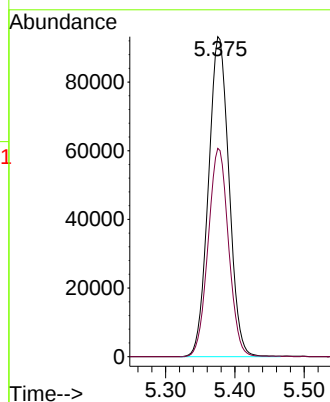
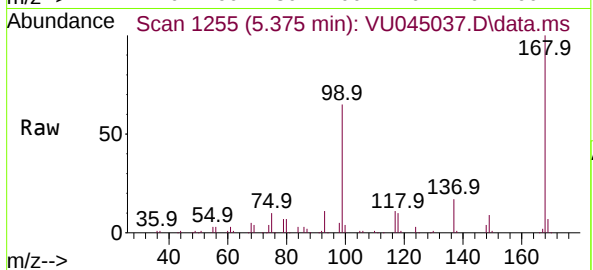
Acq: 30 Sep 2021 11:16

Tgt Ion:168 Resp: 191503

Ion Ratio Lower Upper

168 100

99 65.1 51.4 77.0



#5

Bromomethane

Concen: 0.460 ug/l

RT: 1.832 min Scan# 153

Delta R.T. -0.000 min

Lab File: VU045037.D

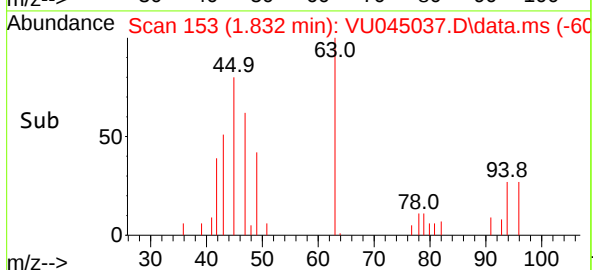
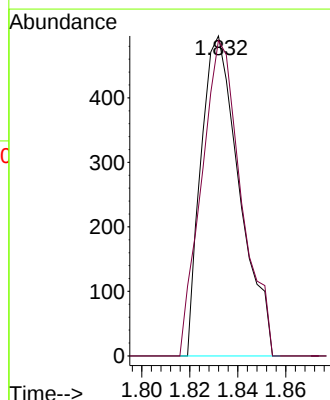
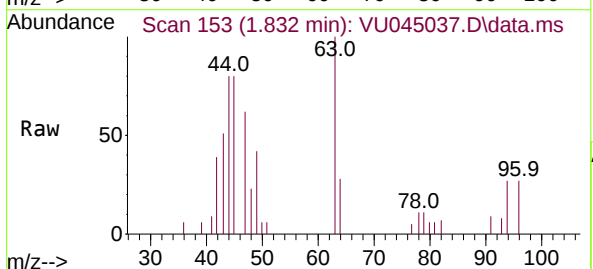
Acq: 30 Sep 2021 11:16

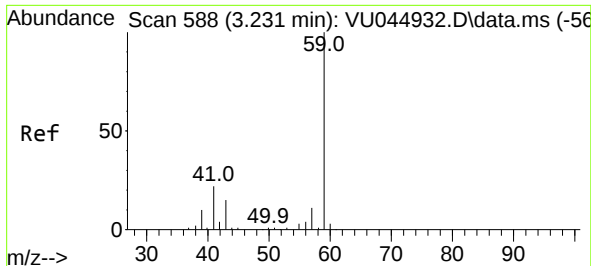
Tgt Ion: 94 Resp: 553

Ion Ratio Lower Upper

94 100

96 98.6 74.5 111.7



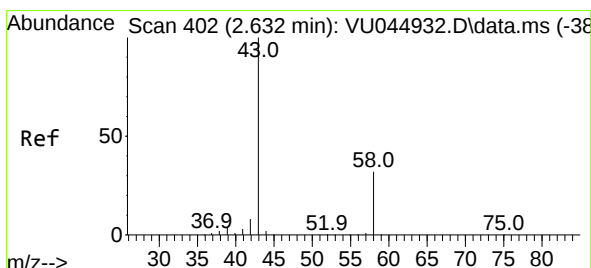
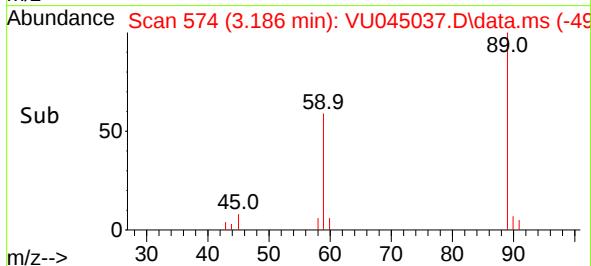
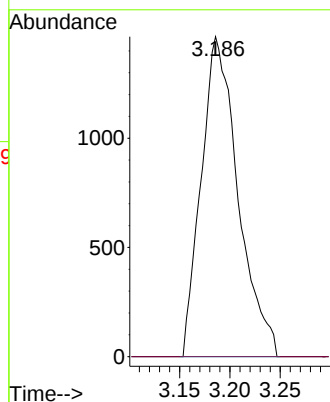
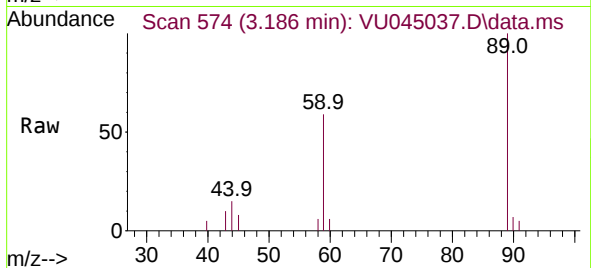


#11

Tert butyl alcohol
Concen: 4.075 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.045 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :

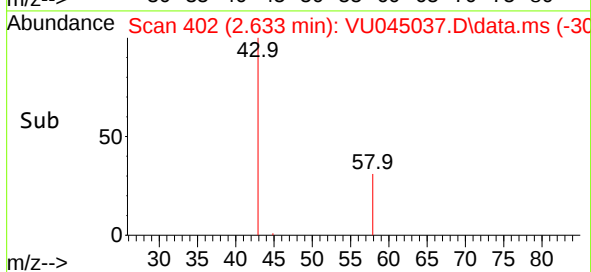
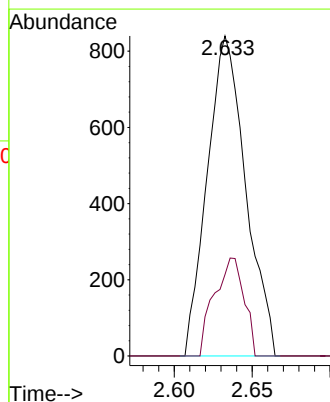
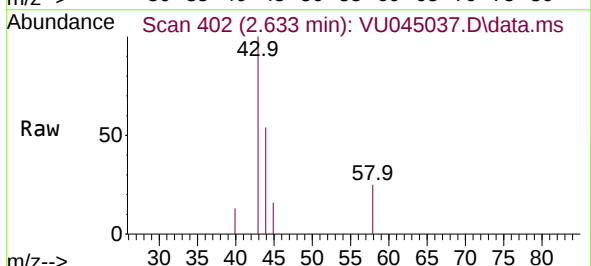
Tgt Ion: 59 Resp: 3728
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

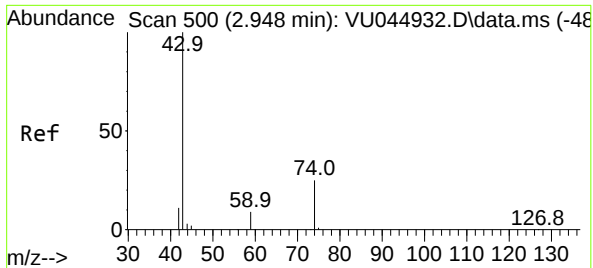


#16

Acetone
Concen: 0.762 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8

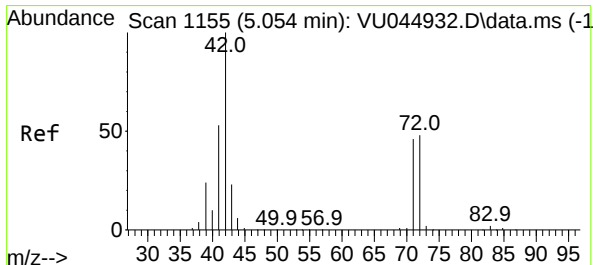
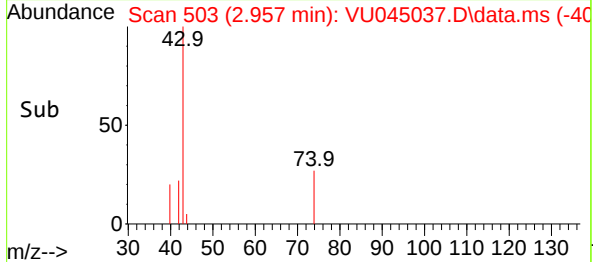
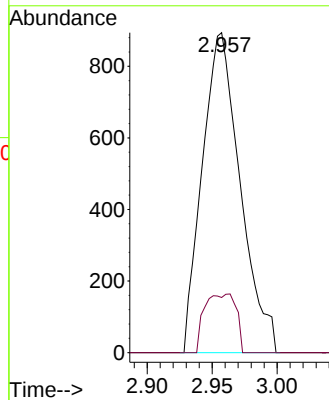
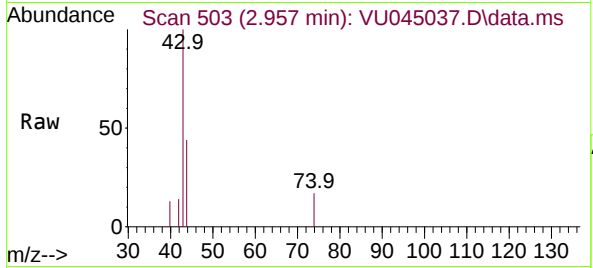




#18
Methyl Acetate
Concen: 0.329 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

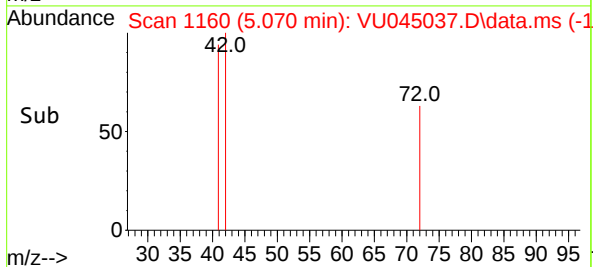
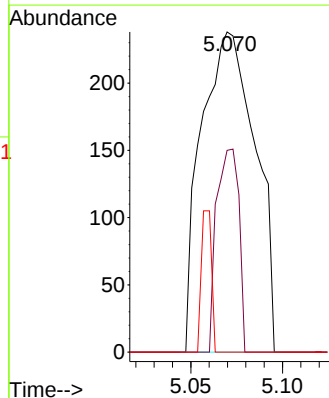
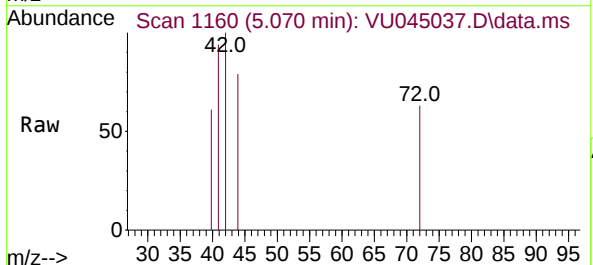
Instrument :
MSVOA_U
ClientSampleId :

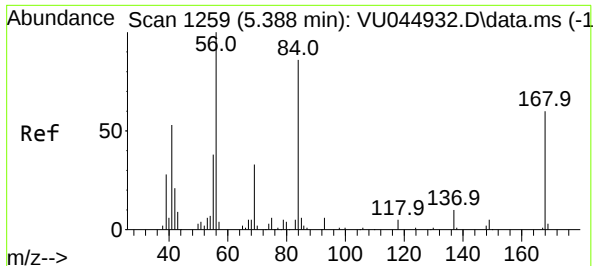
Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
74 15.2 19.0 28.6#



#29
Tetrahydrofuran
Concen: 0.304 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.016 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion: 42 Resp: 487
Ion Ratio Lower Upper
42 100
72 26.1 36.2 54.4#
71 8.4 34.1 51.1#

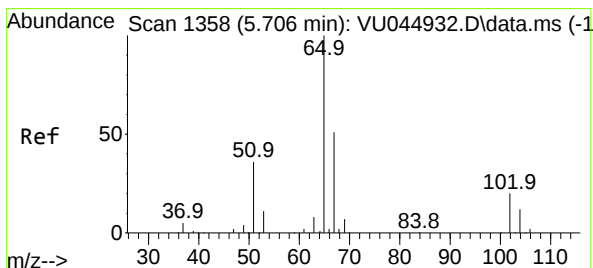
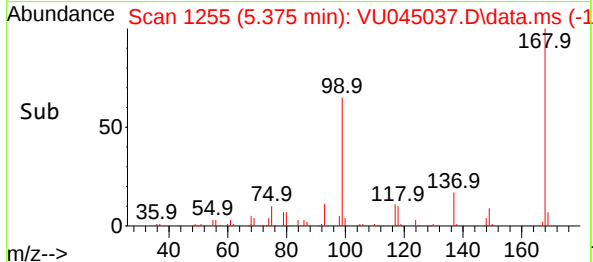
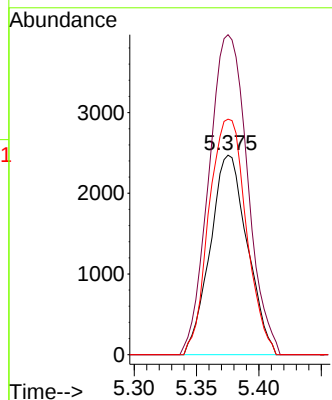
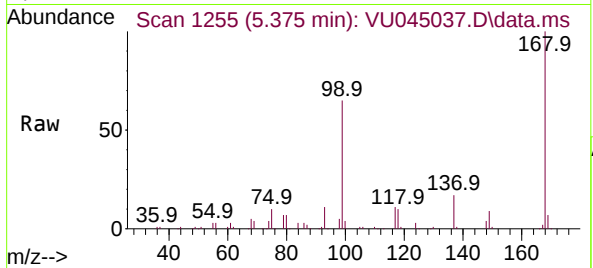




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

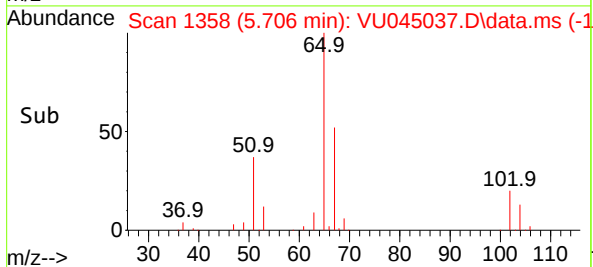
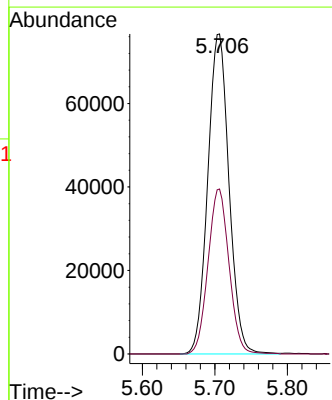
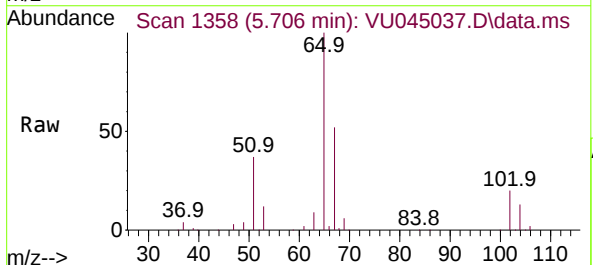
Instrument :
MSVOA_U
ClientSampleId :

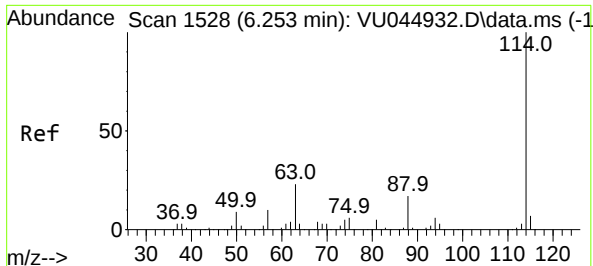
Tgt Ion: 56 Resp: 5127
Ion Ratio Lower Upper
56 100
69 160.4 25.2 37.8#
84 118.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.928 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion: 65 Resp: 155972
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

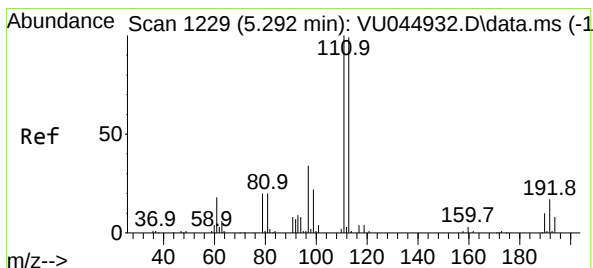
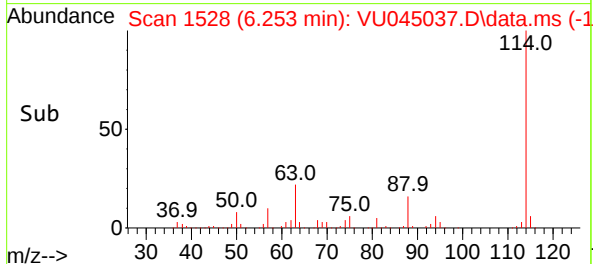
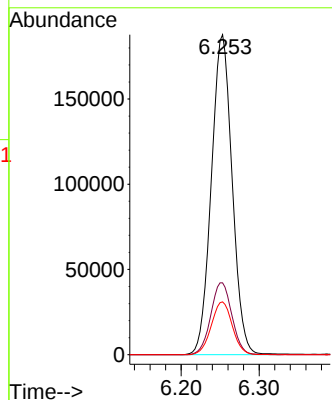
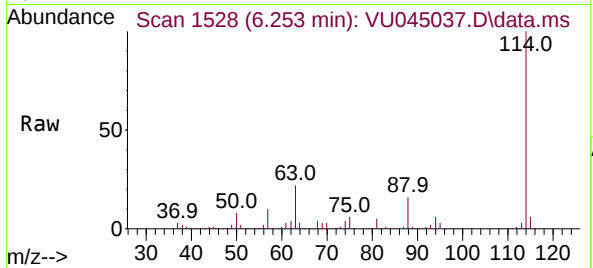




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

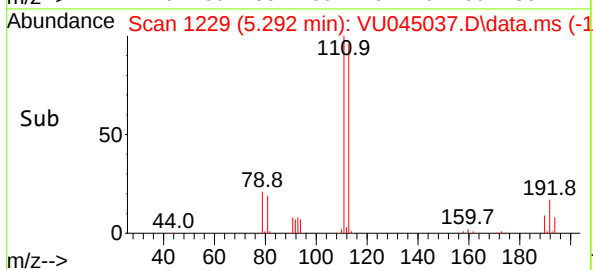
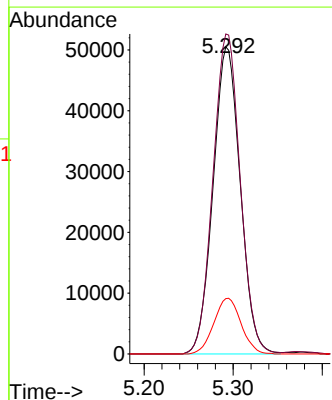
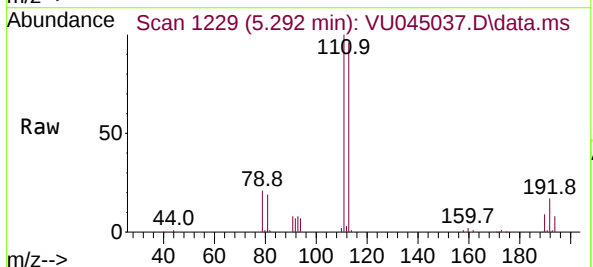
Instrument :
MSVOA_U
ClientSampleId :

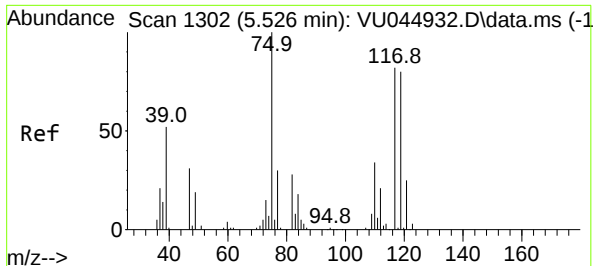
Tgt Ion:114 Resp: 348507
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.706 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion:113 Resp: 107081
Ion Ratio Lower Upper
113 100
111 104.3 84.1 126.1
192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 5.375 min Scan# 1255

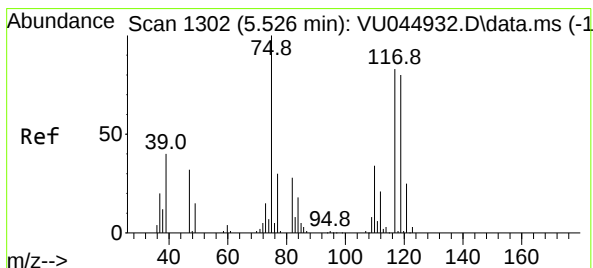
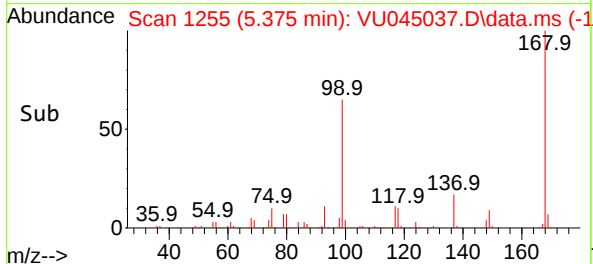
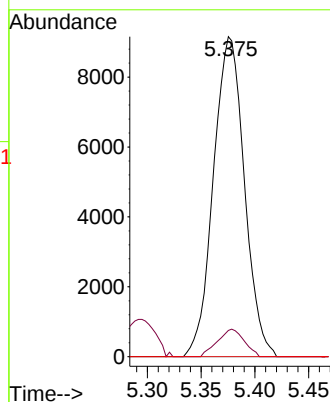
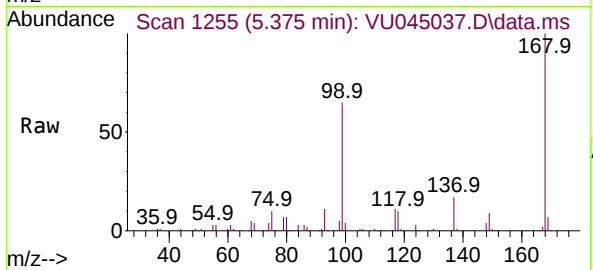
Delta R.T. -0.151 min

Lab File: VU045037.D

Acq: 30 Sep 2021 11:16

Tgt Ion:	75	Resp:	18341
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.417 ug/l

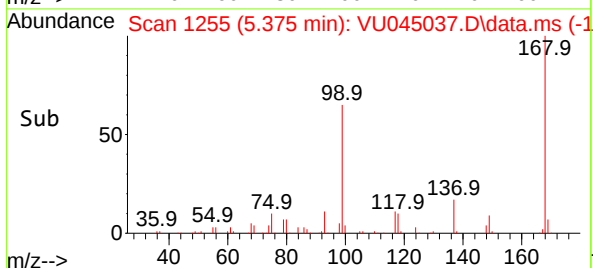
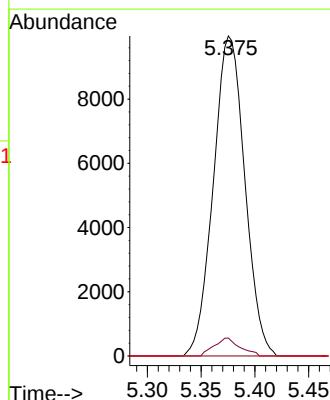
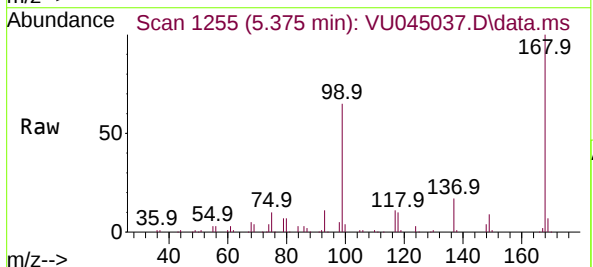
RT: 5.375 min Scan# 1255

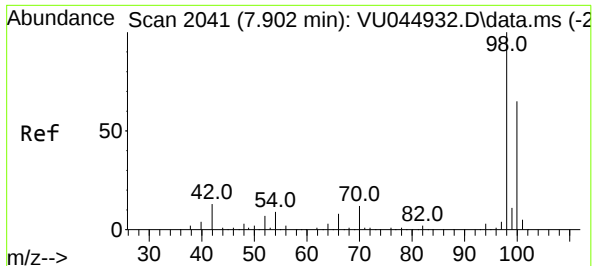
Delta R.T. -0.151 min

Lab File: VU045037.D

Acq: 30 Sep 2021 11:16

Tgt Ion:	117	Resp:	20238
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.4	116.2#
121	0.0	24.5	36.7#

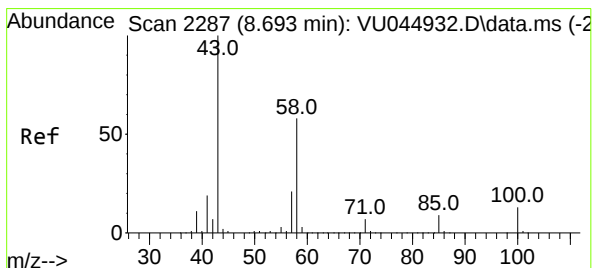
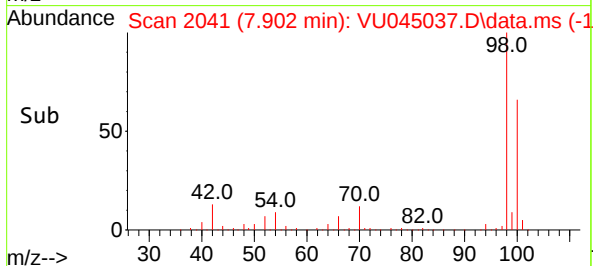
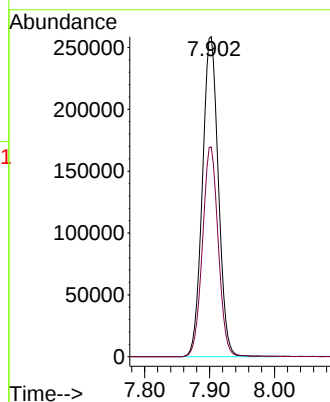
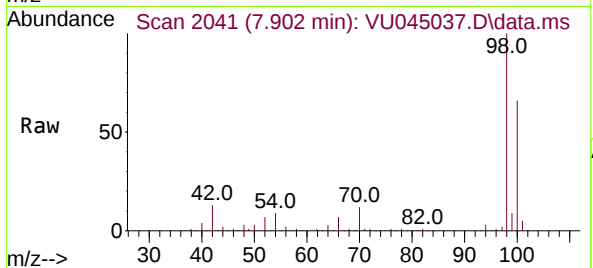




#50
Toluene-d8
Concen: 51.055 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

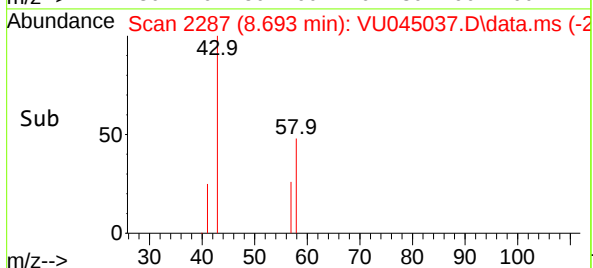
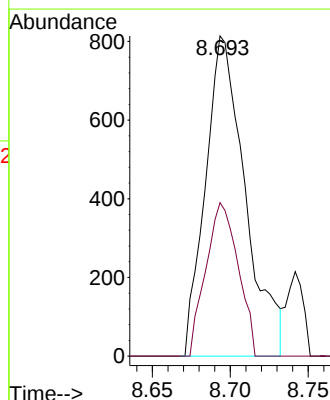
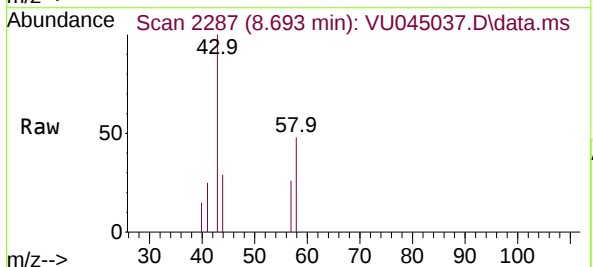
Instrument :
MSVOA_U
ClientSampled :

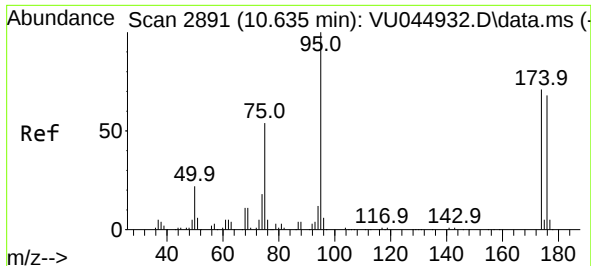
Tgt Ion: 98 Resp: 443493
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#59
2-Hexanone
Concen: 0.336 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
58 38.7 28.0 84.0

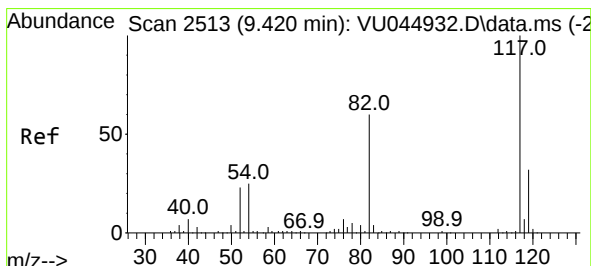
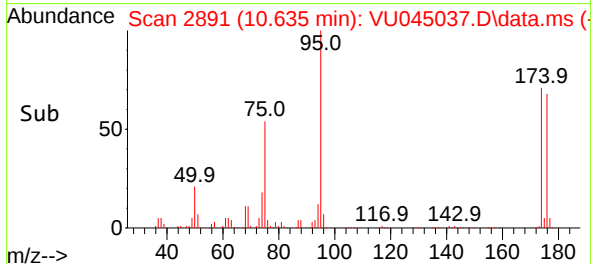
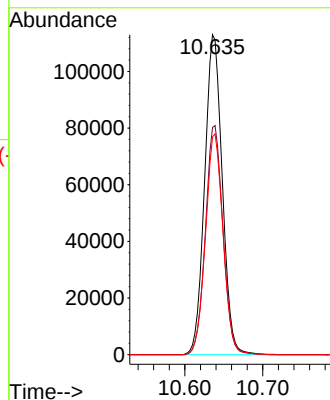
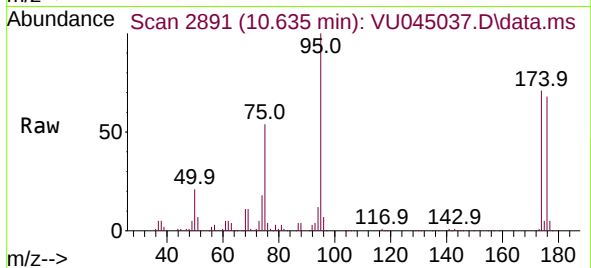




#62
4-Bromofluorobenzene
Concen: 49.415 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

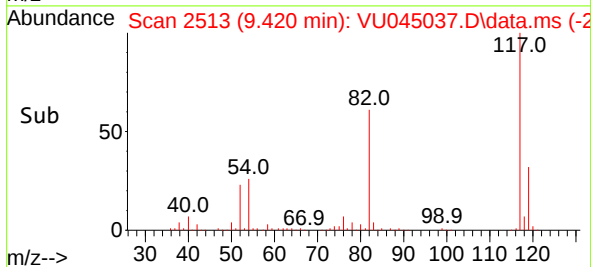
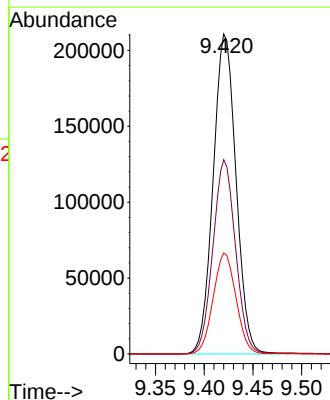
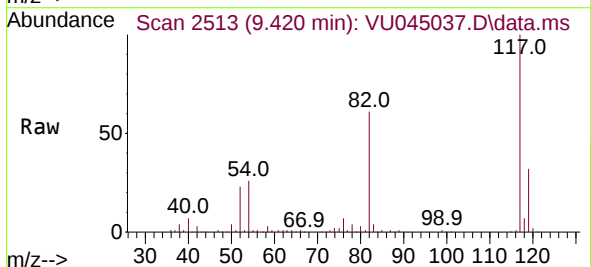
Instrument :
MSVOA_U
ClientSampleId :

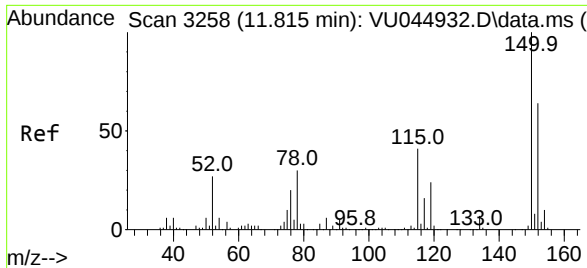
Tgt Ion: 95 Resp: 177217
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 68.8 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion: 117 Resp: 344401
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 31.6 25.8 38.6

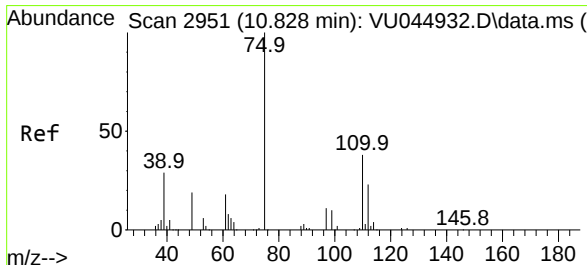
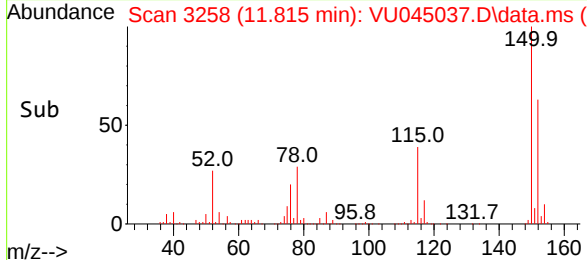
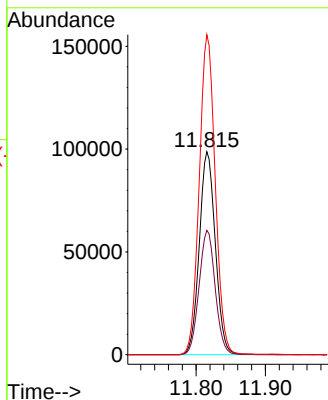
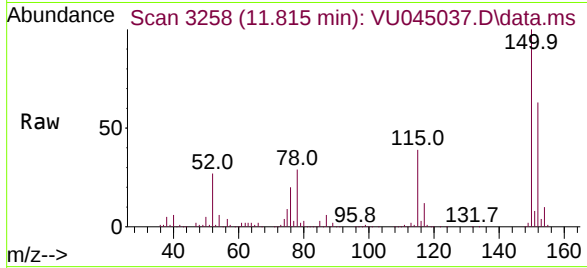




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU045037.D
 Acq: 30 Sep 2021 11:16

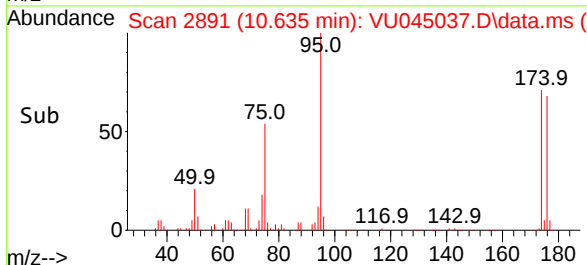
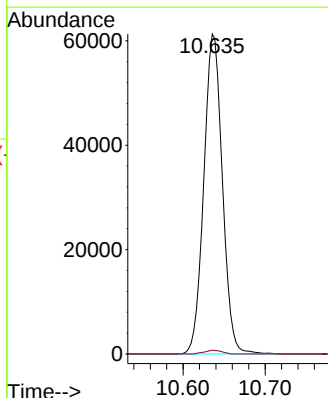
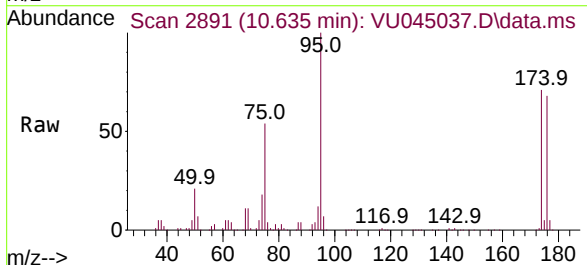
Instrument :
 MSVOA_U
 ClientSampled :

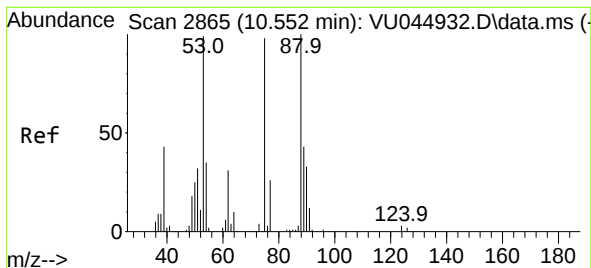
Tgt Ion:152 Resp: 158969
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.5 130.7
 150 157.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.777 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045037.D
 Acq: 30 Sep 2021 11:16

Tgt Ion: 75 Resp: 96339
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#

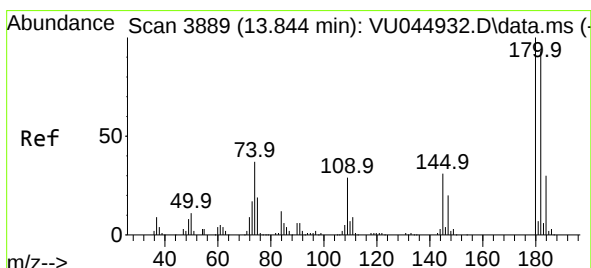
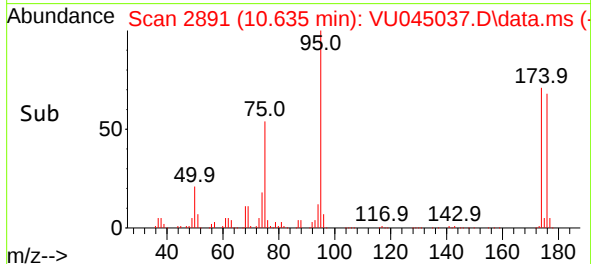
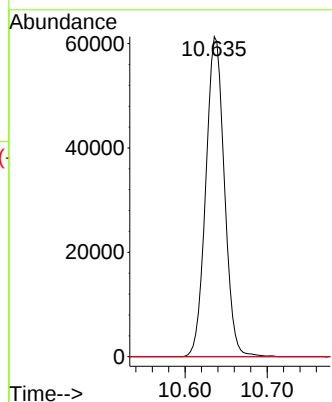
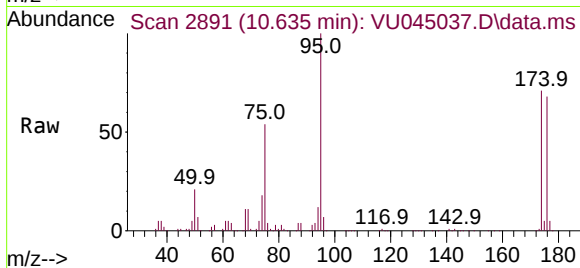




#81
trans-1,4-Dichloro-2-butene
Concen: 57.659 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

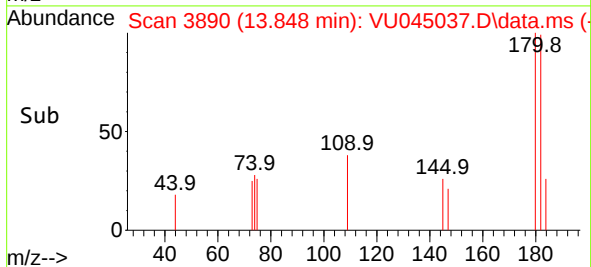
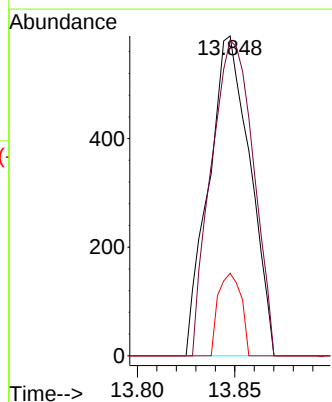
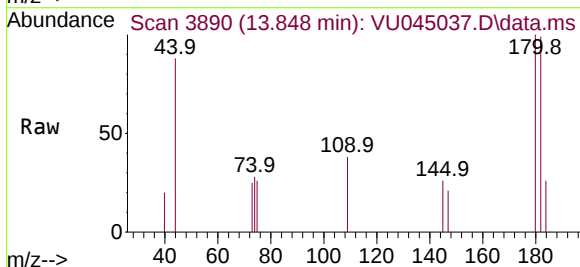
Instrument :
MSVOA_U
ClientSampleId :

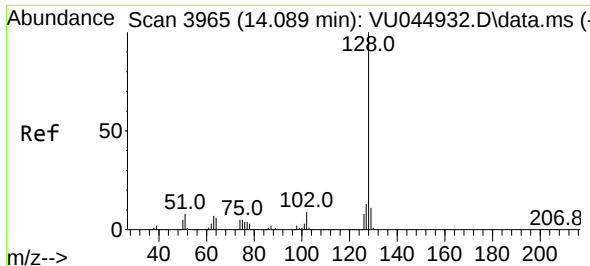
Tgt Ion: 75 Resp: 96339
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.004 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion:180 Resp: 866
Ion Ratio Lower Upper
180 100
182 100.7 47.4 142.3
145 14.2 15.4 46.2#

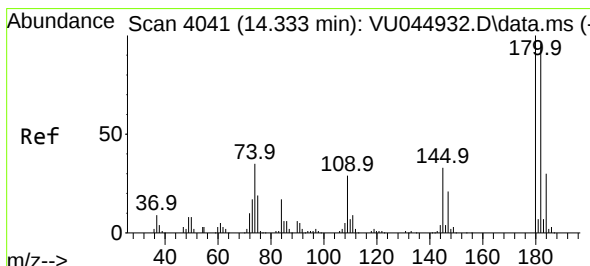
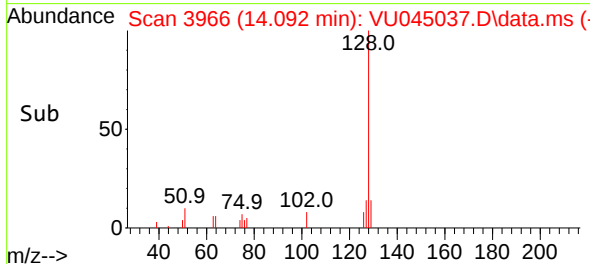
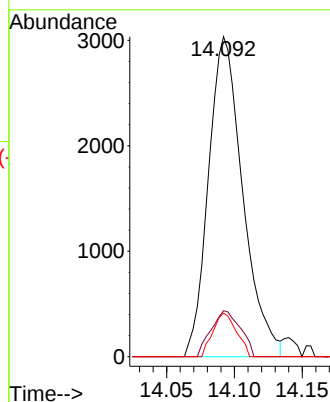
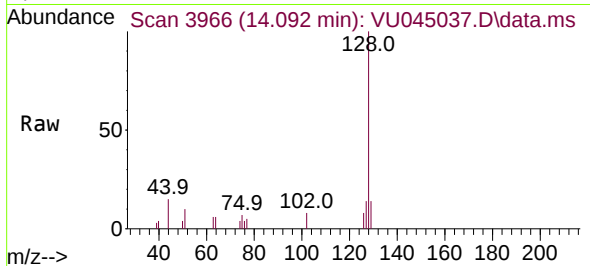




#95
Naphthalene
Concen: 0.456 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	5346
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.4 15.6
129	9.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.334 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045037.D
Acq: 30 Sep 2021 11:16

Tgt Ion:180	Resp:	1045
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.1 141.4
145	27.2	16.4 49.2

