

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042365.D
 Acq On : 19 Feb 2021 16:41
 Operator : SY/MD
 Sample : M1438-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1157

Quant Time: Feb 20 00:29:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

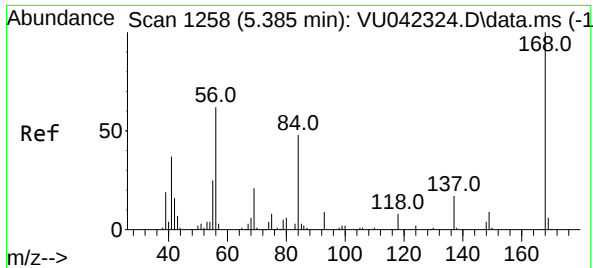
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.385	168	155983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	230673	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	213796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	102755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	113447	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
35) Dibromofluoromethane	5.301	113	78898	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	7.906	98	289092	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	10.642	95	104169	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.202	59	413	0.82	ug/l #	94
13) Acrolein	2.507	56	218	8.53	ug/l #	80
16) Acetone	2.642	43	23382	15.94	ug/l	98
18) Methyl Acetate	2.809	43	3280	1.23	ug/l #	55
22) Diisopropyl ether	4.105	45	40214	6.65	ug/l #	1
23) Vinyl Acetate	4.105	43	103814	18.07	ug/l #	76
25) 2-Butanone	4.726	43	6783	3.48	ug/l	99
31) Cyclohexane	5.382	56	3471	1.12	ug/l #	14
36) 1,1-Dichloropropene	5.382	75	12924	5.67	ug/l #	50
37) Ethyl Acetate	4.726	43	6783	1.91	ug/l #	71
38) Carbon Tetrachloride	5.382	117	15494	6.35	ug/l #	17
43) Isopropyl Acetate	5.751	43	5547	1.06	ug/l #	64
59) 2-Hexanone	8.700	43	1001	0.36	ug/l #	50
76) 1,2,3-Trichloropropane	10.642	75	58500	23.02	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.642	75	58500	62.60	ug/l #	7
95) Naphthalene	14.101	128	1182	2.38	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.343	180	83	1.71	ug/l #	80

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

Quant Time: Feb 20 00:29:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

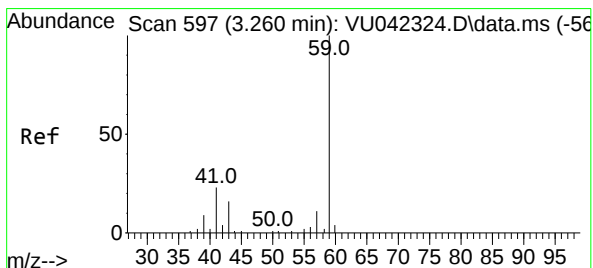
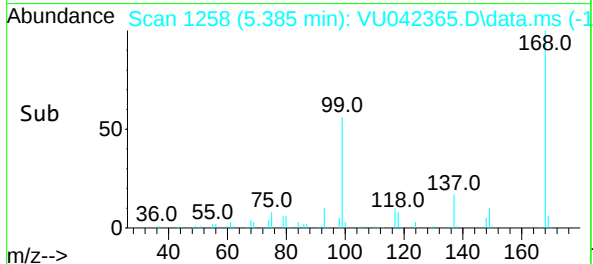
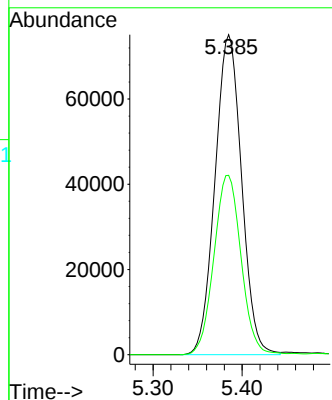
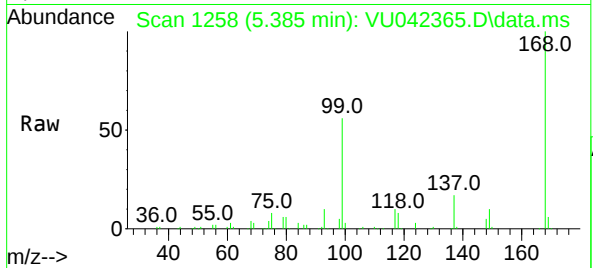




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

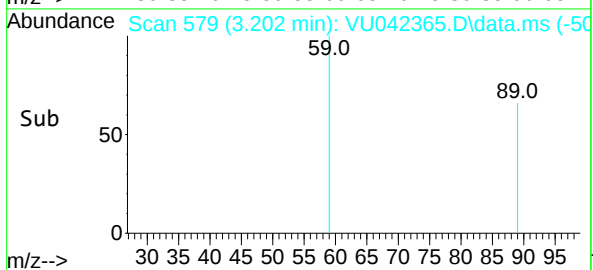
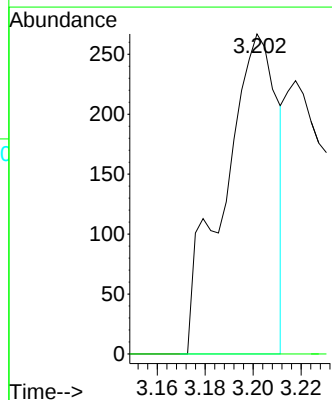
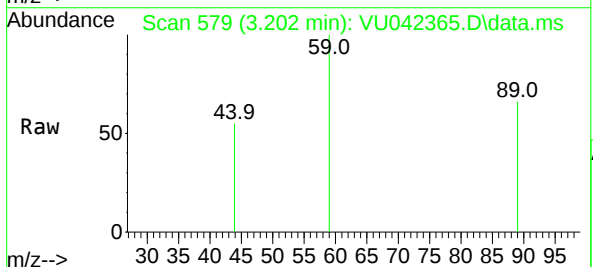
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

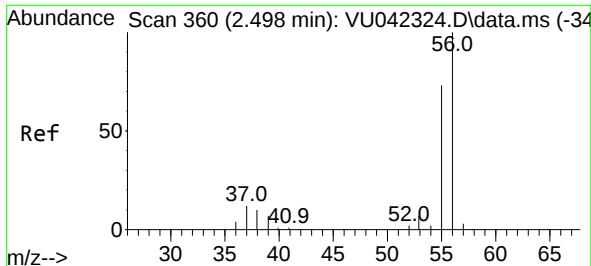
Tgt Ion:168 Resp: 155983
Ion Ratio Lower Upper
168 100
99 56.1 45.0 67.4



#11
Tert butyl alcohol
Concen: 0.82 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.058 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

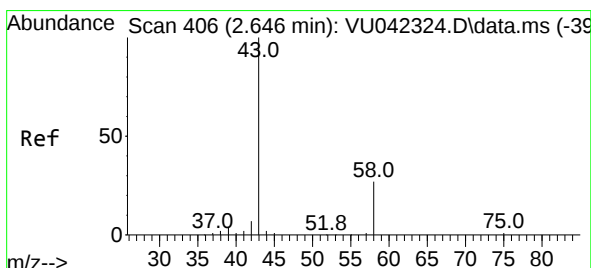
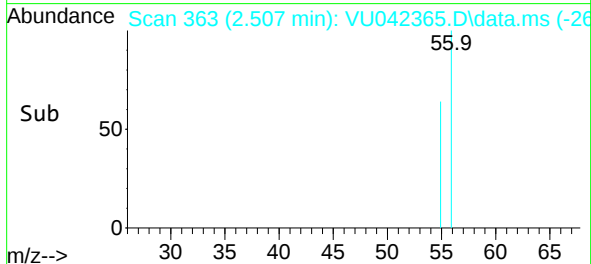
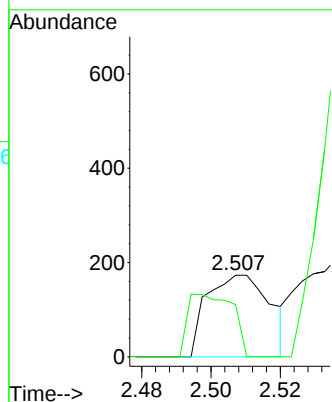
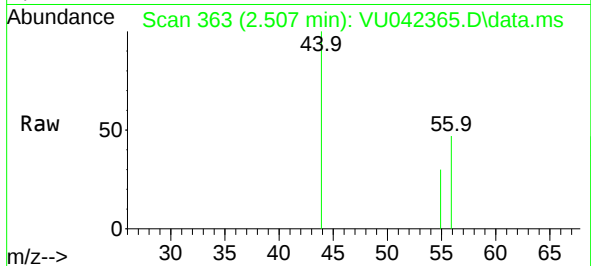




#13
Acrolein
Concen: 8.53 ug/l
RT: 2.507 min Scan# 363
Delta R.T. 0.009 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

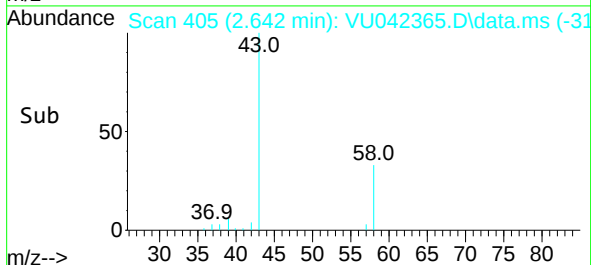
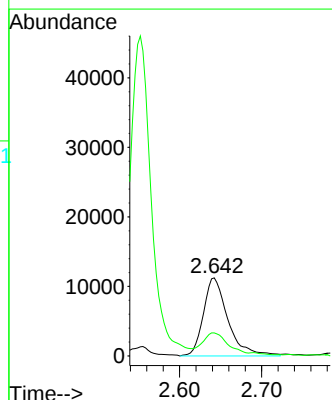
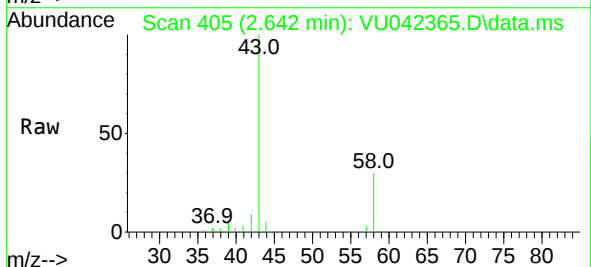
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

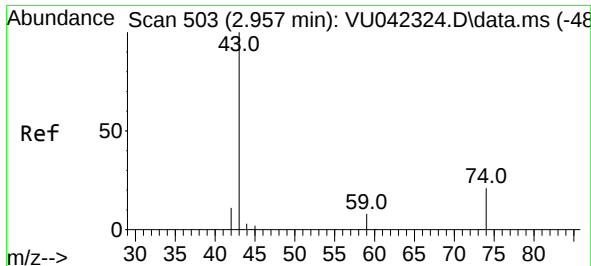
Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 54.6 57.3 85.9#



#16
Acetone
Concen: 15.94 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 43 Resp: 23382
Ion Ratio Lower Upper
43 100
58 27.9 21.5 32.3

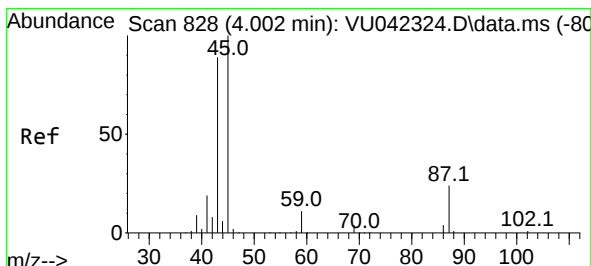
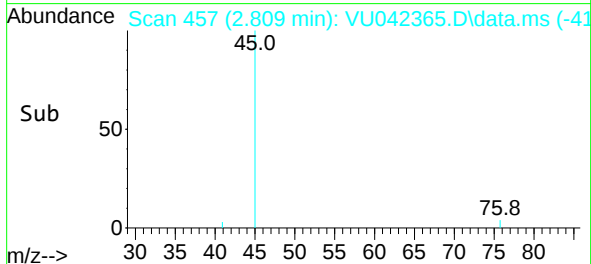
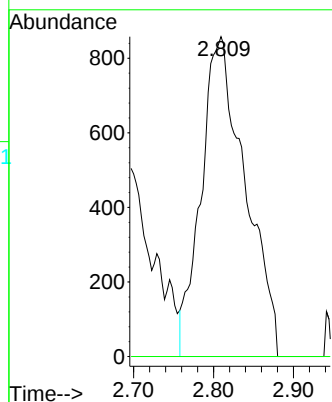
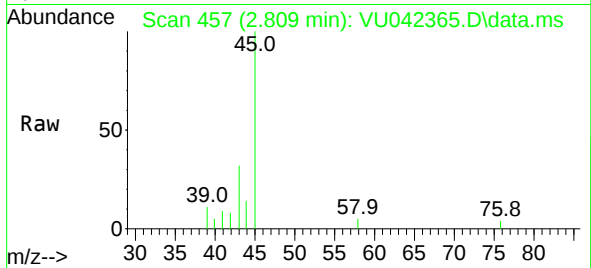




#18
Methyl Acetate
Concen: 1.23 ug/l
RT: 2.809 min Scan# 457
Delta R.T. -0.148 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

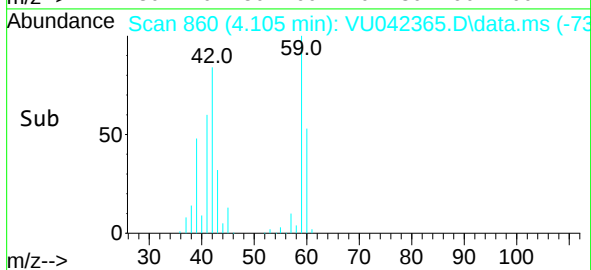
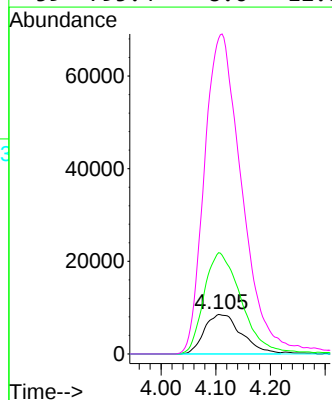
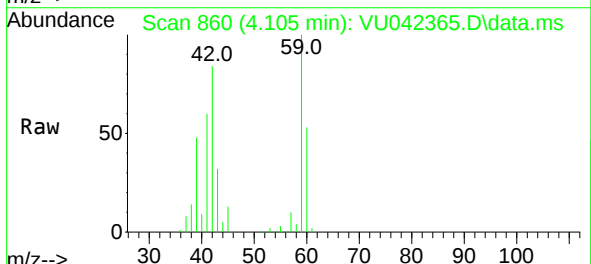
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

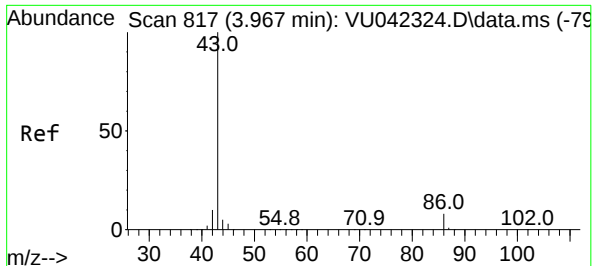
Tgt Ion: 43 Resp: 3280
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#22
Diisopropyl ether
Concen: 6.65 ug/l
RT: 4.105 min Scan# 860
Delta R.T. 0.103 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 45 Resp: 40214
Ion Ratio Lower Upper
45 100
43 256.1 73.0 109.6#
87 0.0 19.5 29.3#
59 795.4 8.6 12.8#

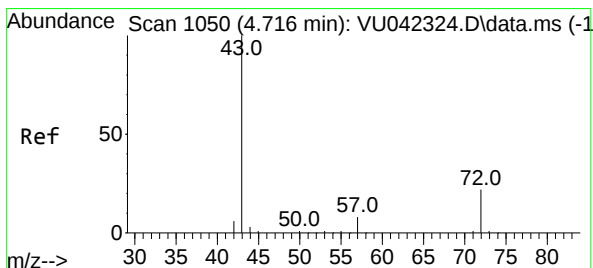
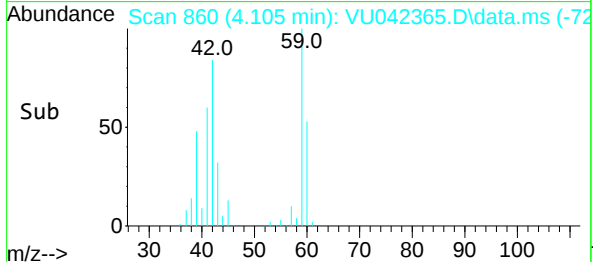
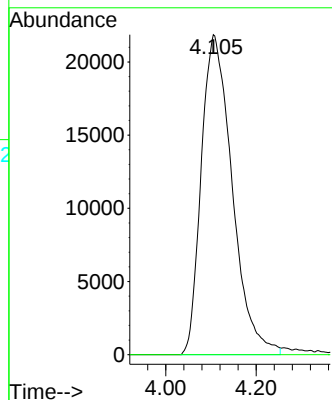
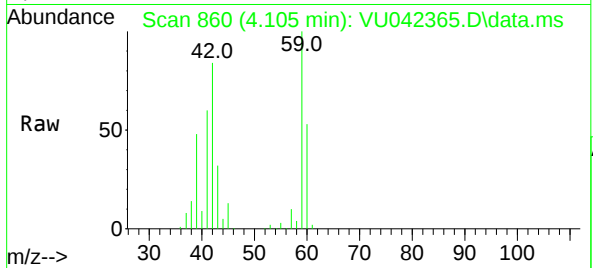




#23
 Vinyl Acetate
 Concen: 18.07 ug/l
 RT: 4.105 min Scan# 860
 Delta R.T. 0.138 min
 Lab File: VU042365.D
 Acq: 19 Feb 2021 16:41

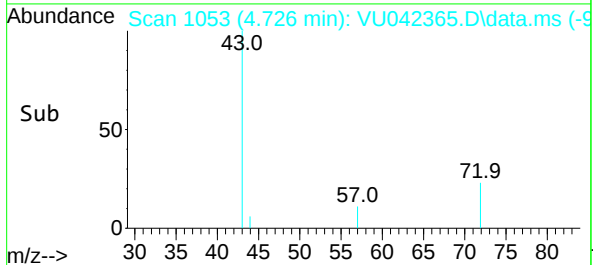
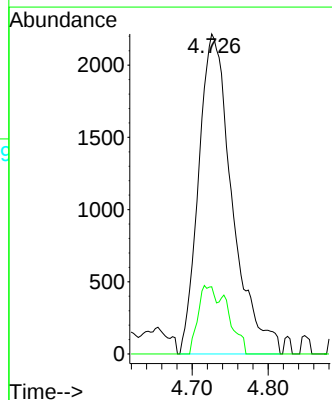
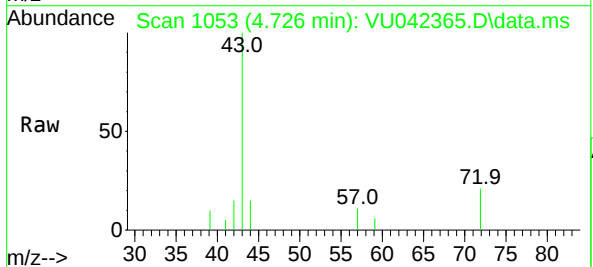
Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1157

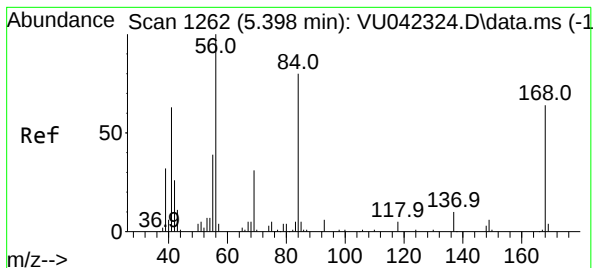
Tgt Ion: 43 Resp: 103814
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.7 10.1#



#25
 2-Butanone
 Concen: 3.48 ug/l
 RT: 4.726 min Scan# 1053
 Delta R.T. 0.009 min
 Lab File: VU042365.D
 Acq: 19 Feb 2021 16:41

Tgt Ion: 43 Resp: 6783
 Ion Ratio Lower Upper
 43 100
 72 21.0 17.4 26.0





#31

Cyclohexane

Concen: 1.12 ug/l

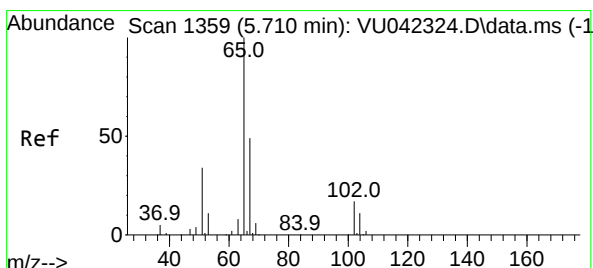
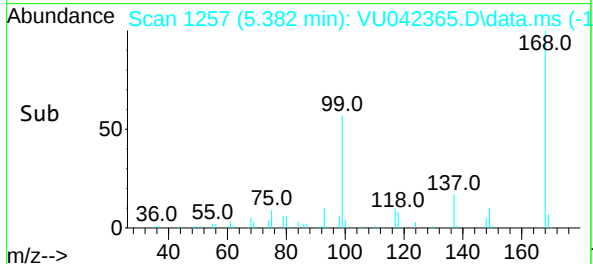
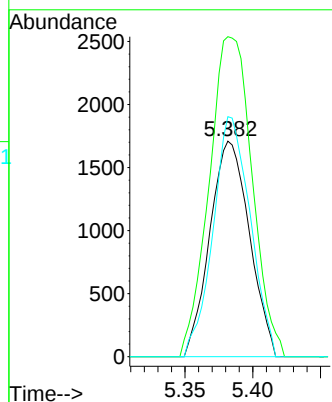
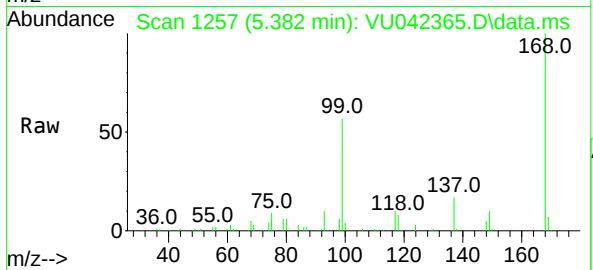
RT: 5.382 min Scan# 1257

Delta R.T. -0.016 min

Lab File: VU042365.D

Acq: 19 Feb 2021 16:41

Tgt Ion: 56	Resp: 3471
Ion Ratio	Lower Upper
56	100
69	148.4 24.9 37.3#
84	111.3 63.7 95.5#



#33

1,2-Dichloroethane-d4

Concen: 47.96 ug/l

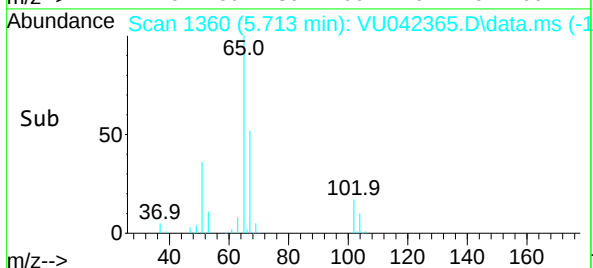
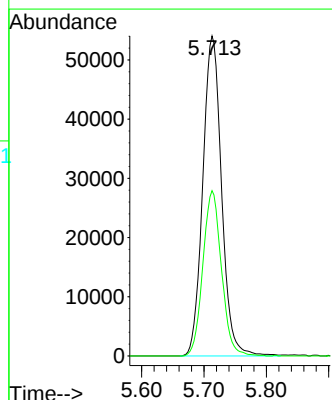
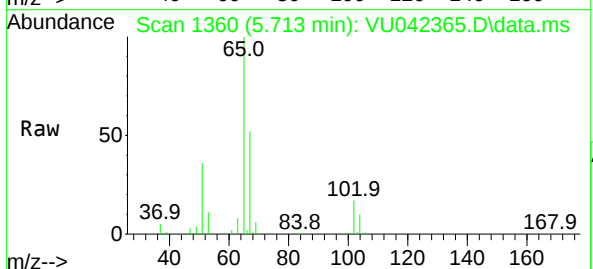
RT: 5.713 min Scan# 1360

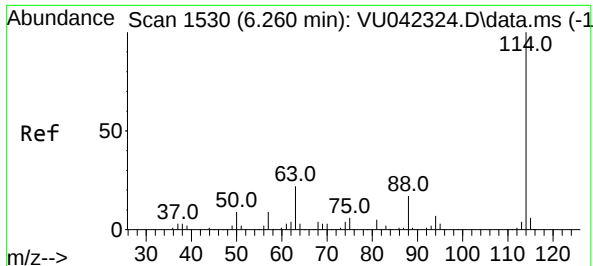
Delta R.T. 0.003 min

Lab File: VU042365.D

Acq: 19 Feb 2021 16:41

Tgt Ion: 65	Resp: 113447
Ion Ratio	Lower Upper
65	100
67	51.0 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VU042365.D

Acq: 19 Feb 2021 16:41

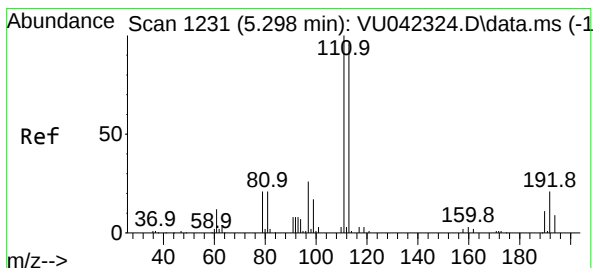
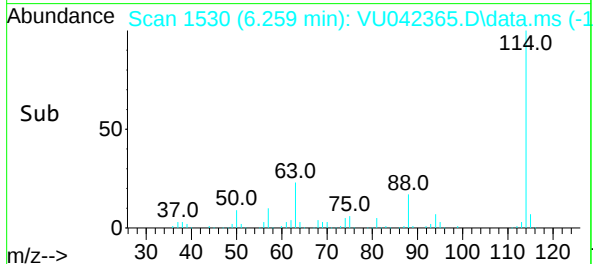
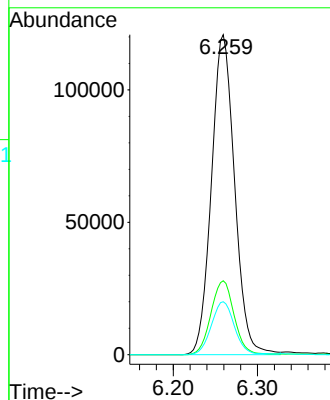
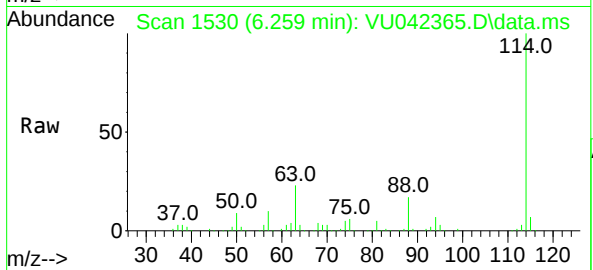
Tgt Ion:114 Resp: 230673

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

88 16.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.46 ug/l

RT: 5.301 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VU042365.D

Acq: 19 Feb 2021 16:41

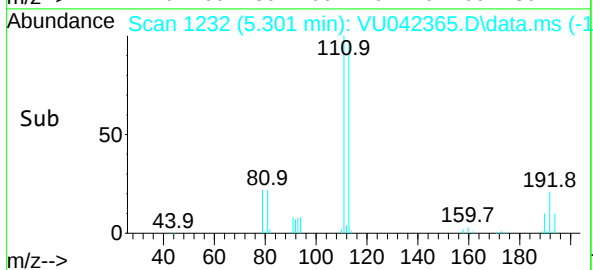
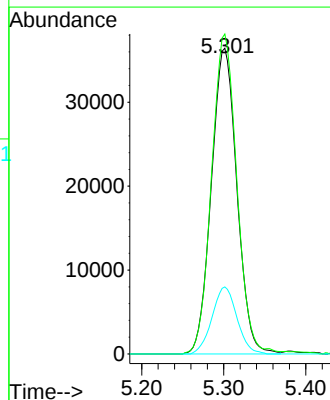
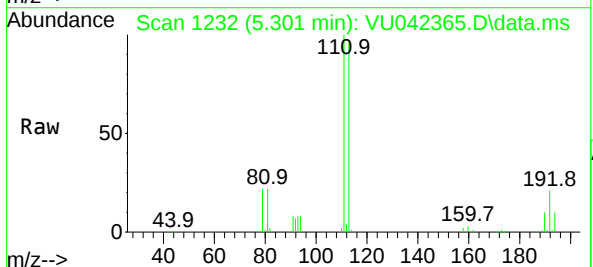
Tgt Ion:113 Resp: 78898

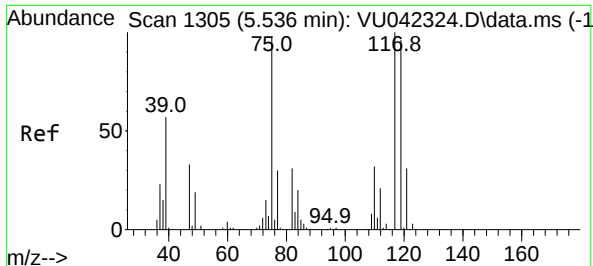
Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

192 21.4 17.2 25.8

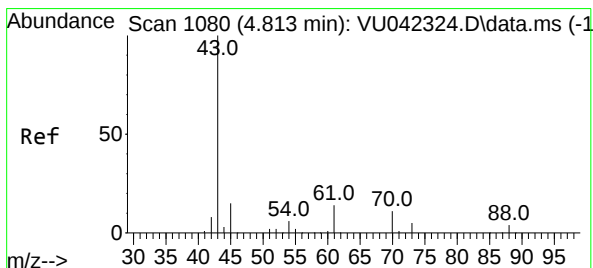
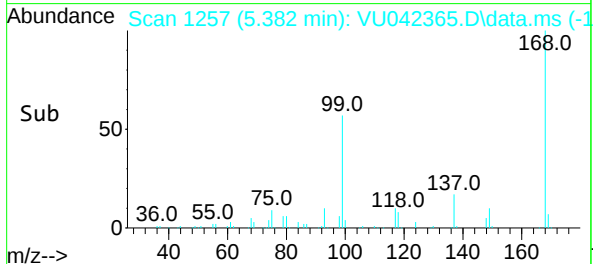
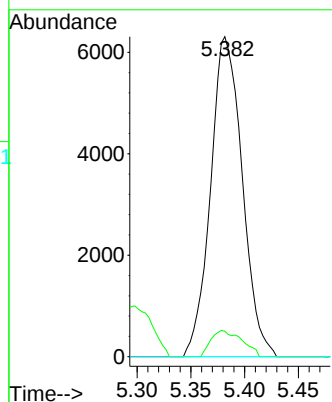
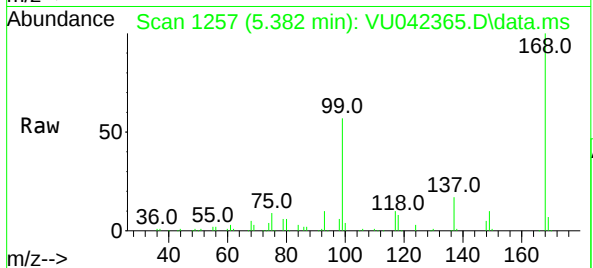




#36
1,1-Dichloropropene
Concen: 5.67 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

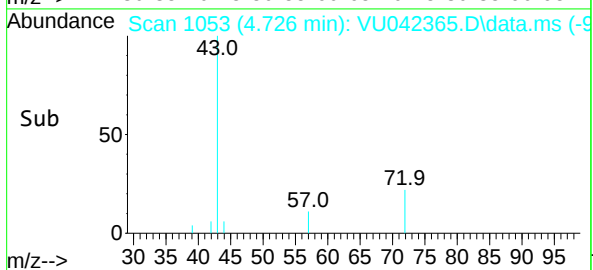
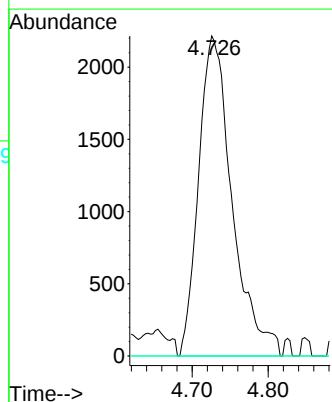
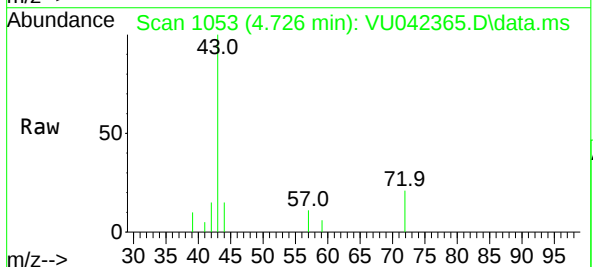
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

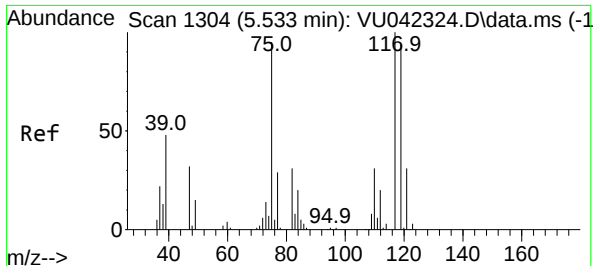
Tgt Ion: 75 Resp: 12924
Ion Ratio Lower Upper
75 100
110 8.0 16.8 50.3#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.91 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. -0.087 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

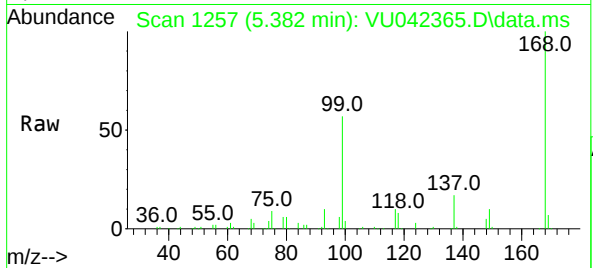
Tgt Ion: 43 Resp: 6783
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.2 10.8#



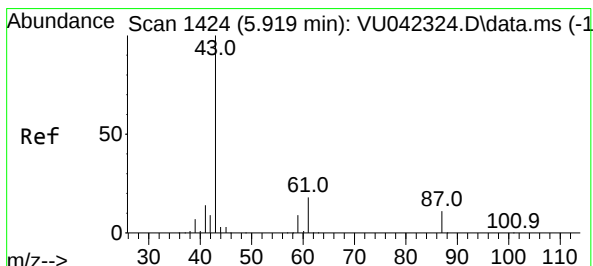
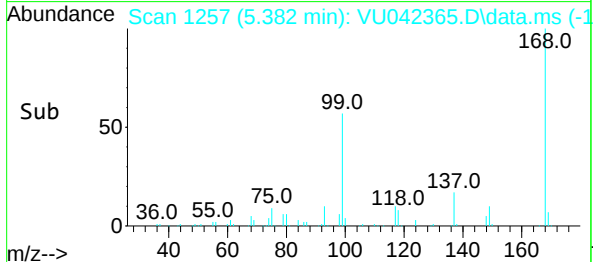
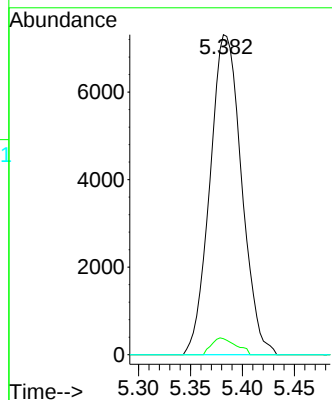


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

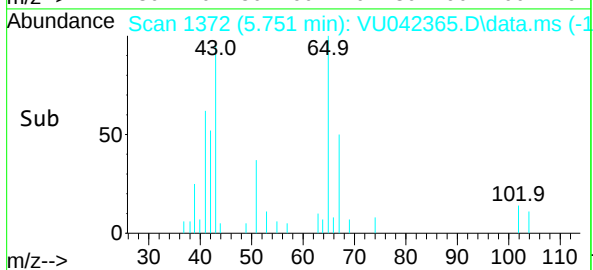
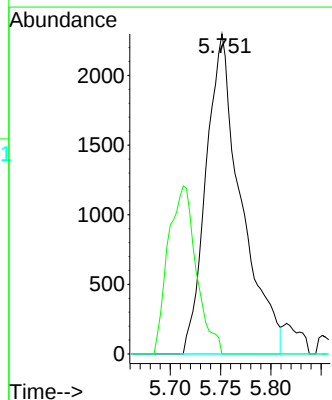
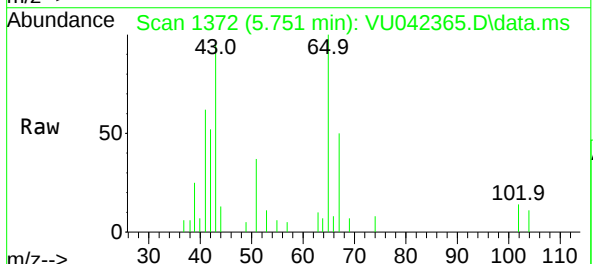


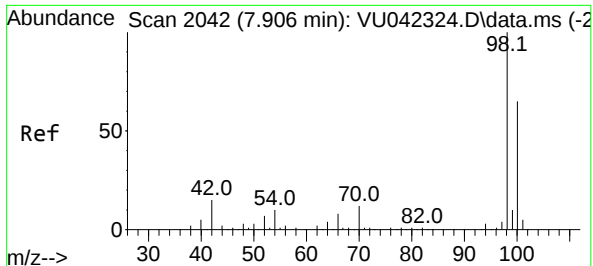
Tgt Ion:117 Resp: 15494
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 1.06 ug/l
RT: 5.751 min Scan# 1372
Delta R.T. -0.167 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 43 Resp: 5547
Ion Ratio Lower Upper
43 100
61 0.0 14.4 21.6#
87 0.0 8.8 13.2#

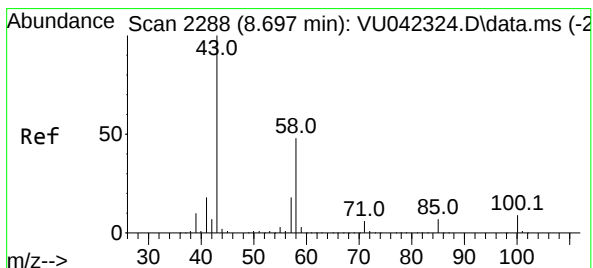
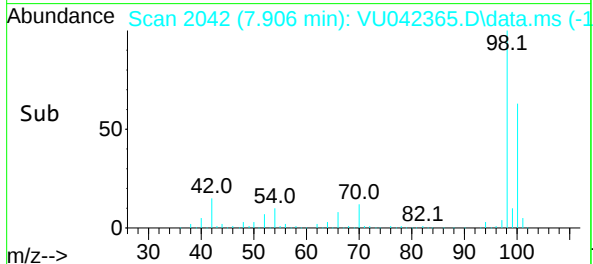
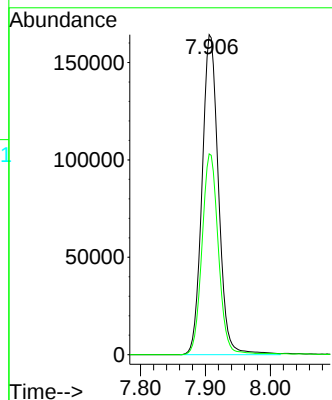
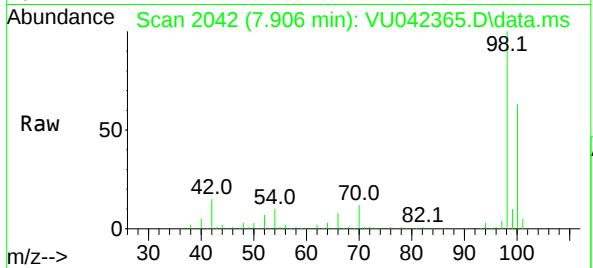




#50
Toluene-d8
Concen: 49.58 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

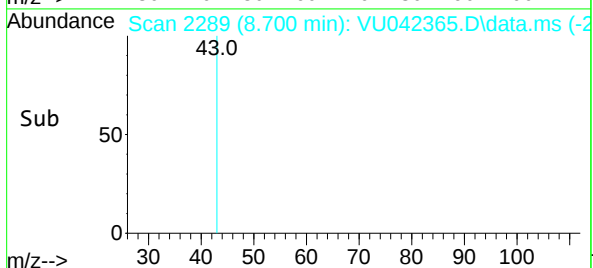
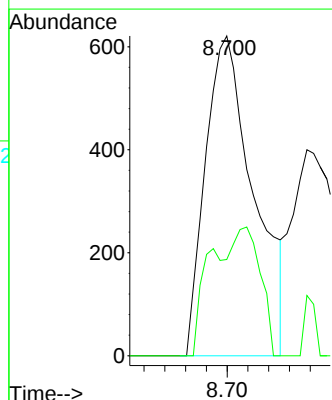
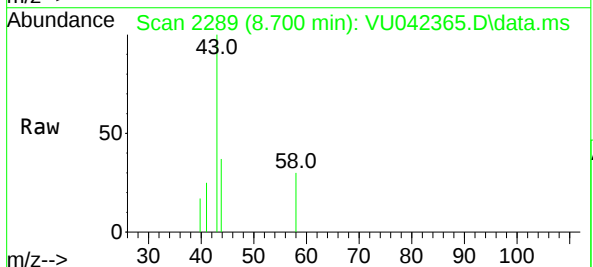
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

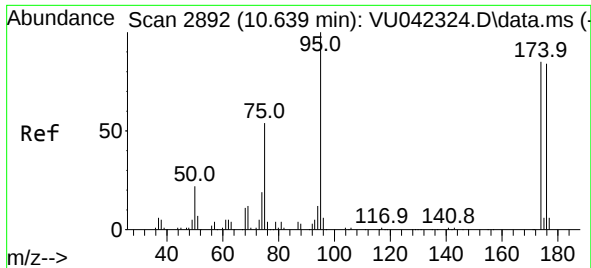
Tgt Ion: 98 Resp: 289092
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#59
2-Hexanone
Concen: 0.36 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 14.0 24.0 72.0#

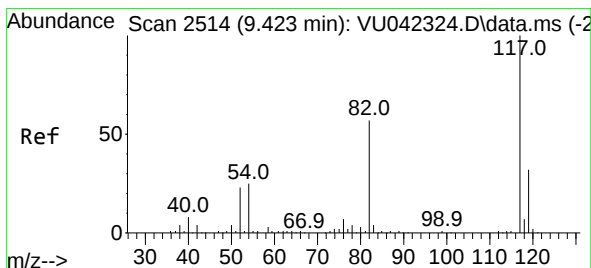
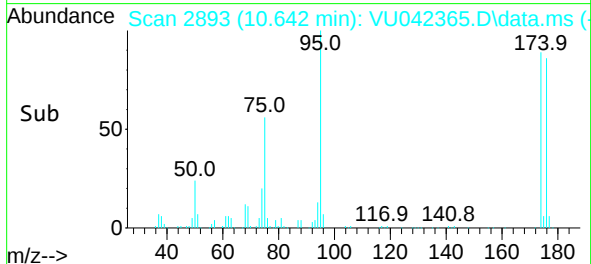
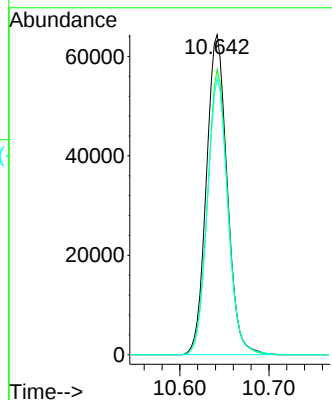
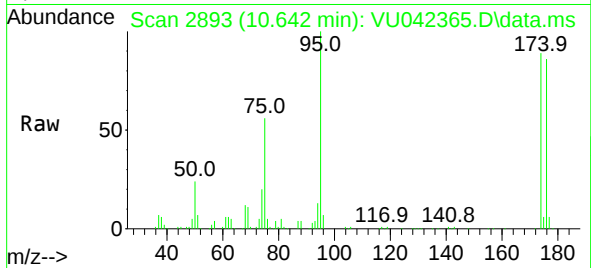




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

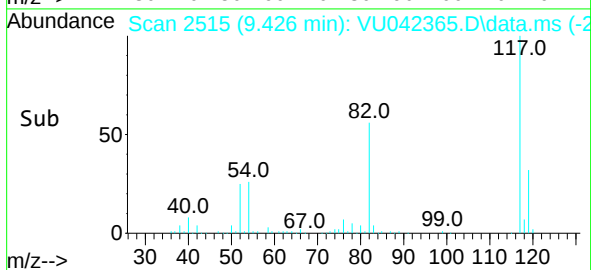
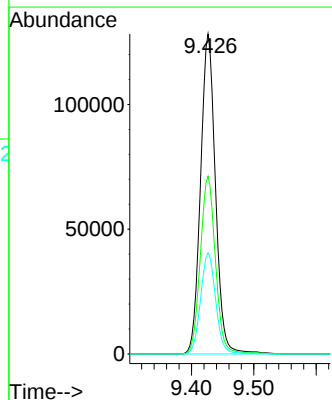
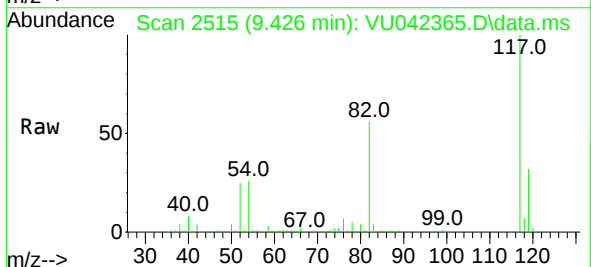
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

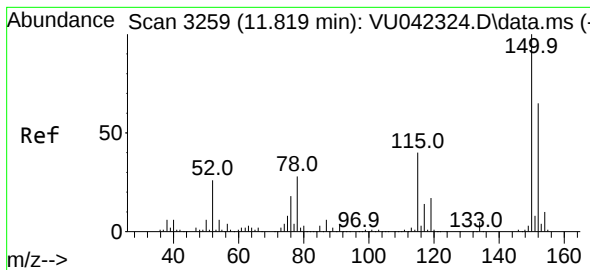
Tgt Ion: 95 Resp: 104169
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 85.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 117 Resp: 213796
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 31.6 25.8 38.8

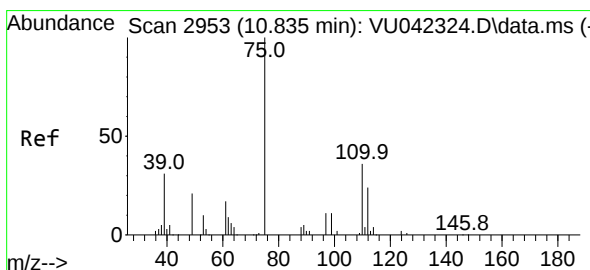
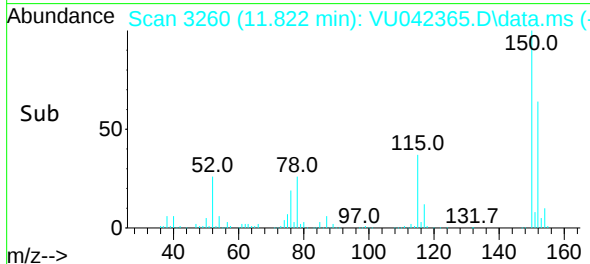
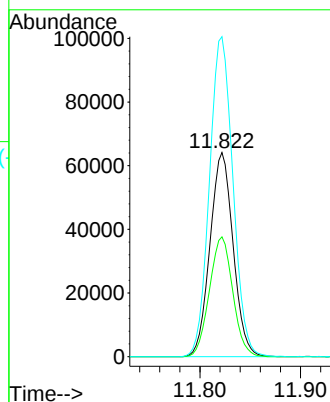
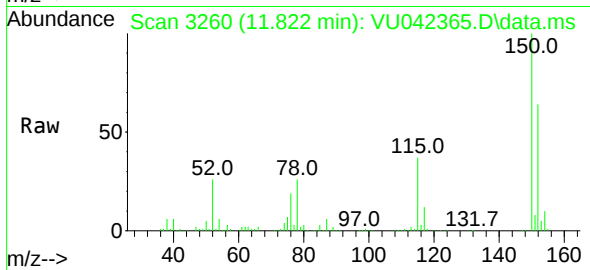




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.003 min
 Lab File: VU042365.D
 Acq: 19 Feb 2021 16:41

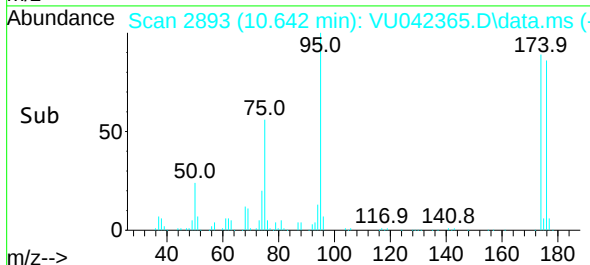
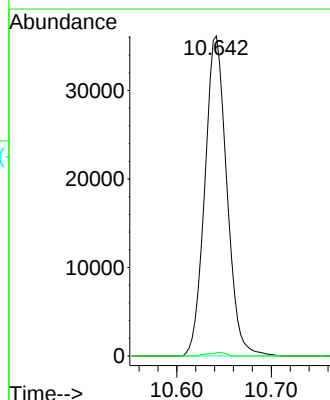
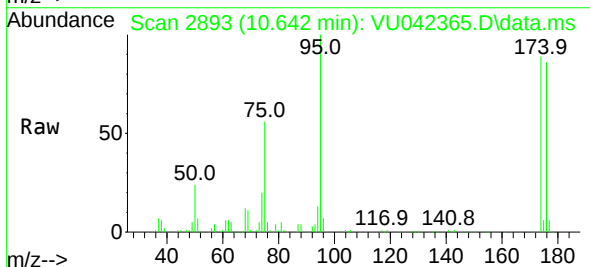
Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1157

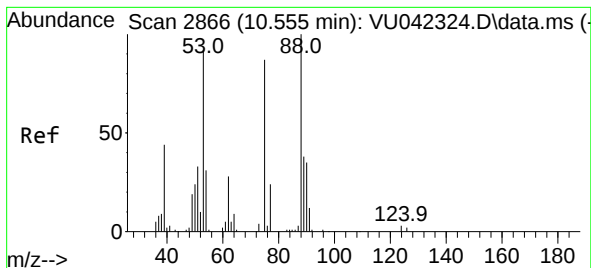
Tgt Ion:152 Resp: 102755
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.5 124.6
 150 158.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 23.02 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.193 min
 Lab File: VU042365.D
 Acq: 19 Feb 2021 16:41

Tgt Ion: 75 Resp: 58500
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#

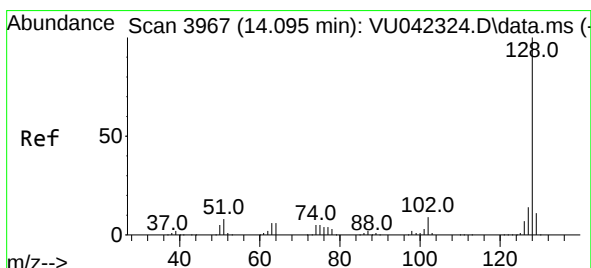
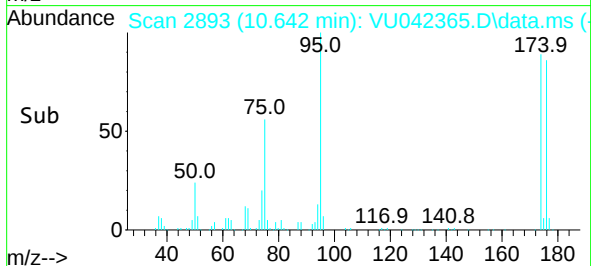
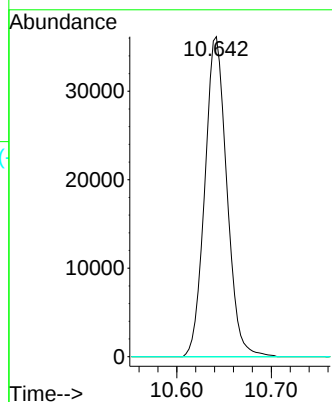
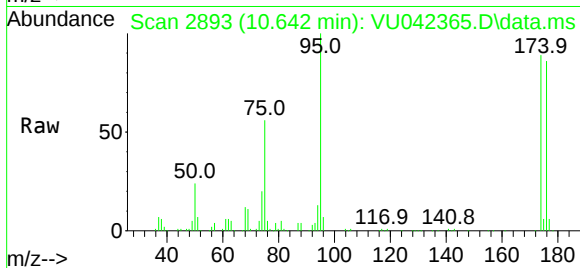




#81
trans-1,4-Dichloro-2-butene
Concen: 62.60 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

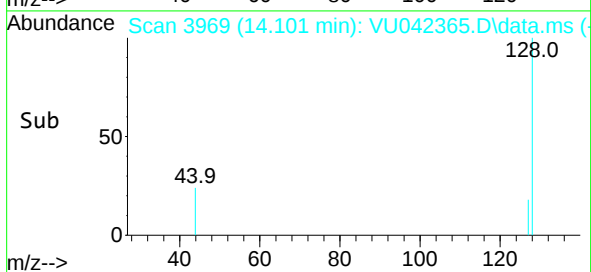
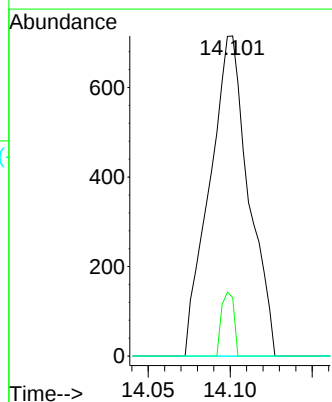
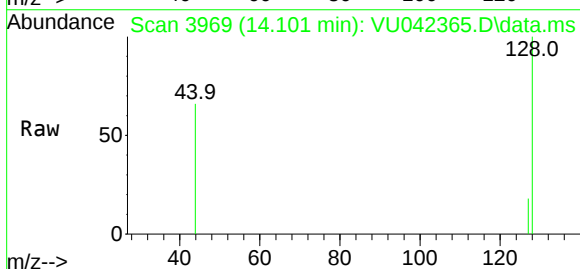
Instrument :
MSVOA_U
ClientSampleId :
TRE-1157

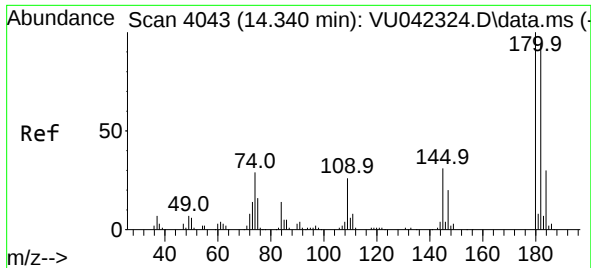
Tgt Ion: 75 Resp: 58500
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.38 ug/l
RT: 14.101 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VU042365.D
Acq: 19 Feb 2021 16:41

Tgt Ion: 128 Resp: 1182
Ion Ratio Lower Upper
128 100
127 6.3 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.71 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.003 min
 Lab File: VU042365.D
 Acq: 19 Feb 2021 16:41

Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1157

Tgt Ion:180 Resp: 83
 Ion Ratio Lower Upper
 180 100
 182 103.6 48.0 144.0
 145 0.0 15.5 46.5#

