

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043177.D
 Acq On : 16 Apr 2021 18:33
 Operator : SY/MD
 Sample : M2016-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TOTE-1750

Quant Time: Apr 17 02:34:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

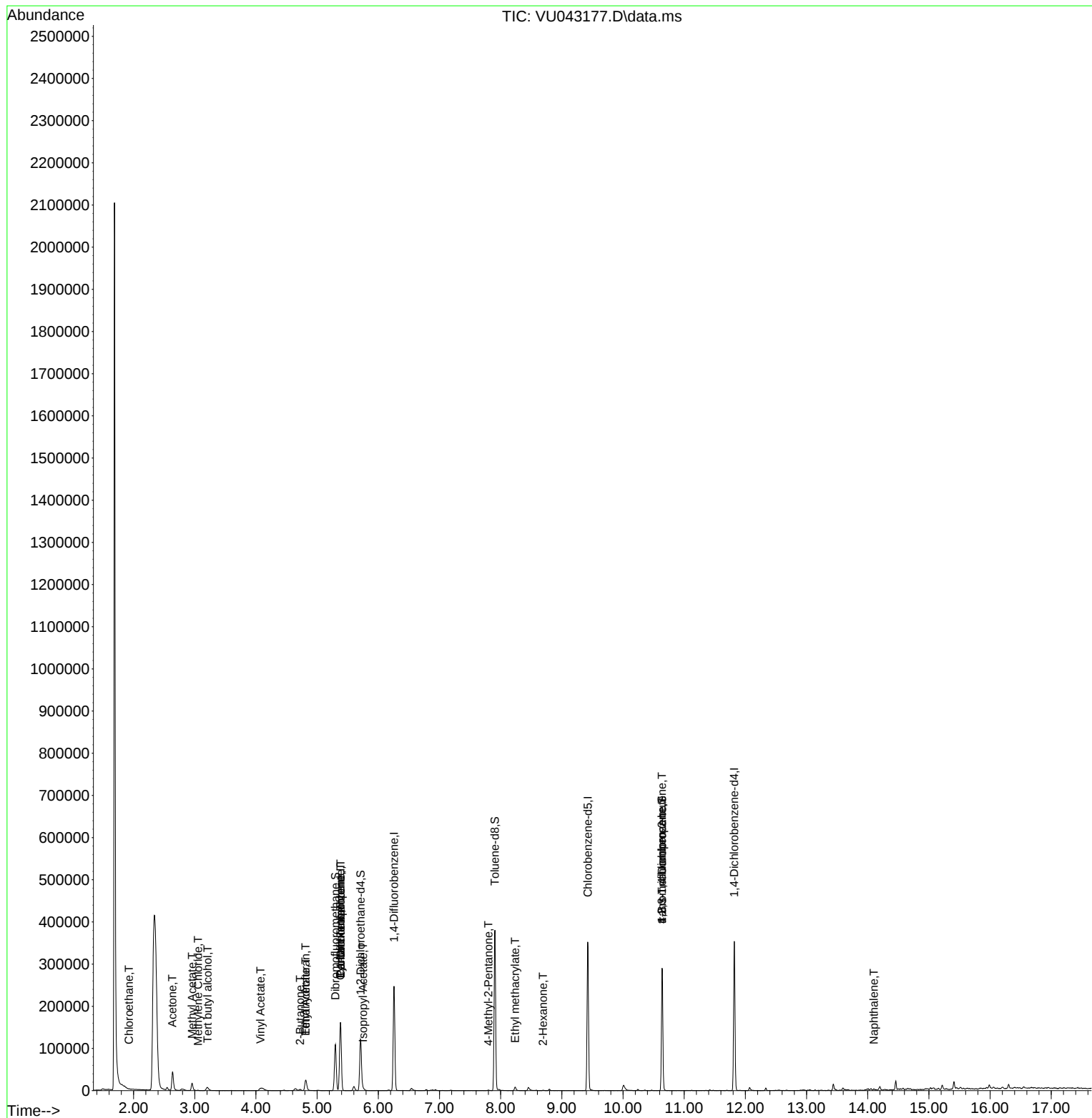
Internal Standards						
1) Pentafluorobenzene	5.382	168	110390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	182591	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	173725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	86390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	94030	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	5.298	113	64457	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	7.906	98	232431	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.639	95	84272	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	398	Below Cal	#	41
6) Chloroethane	1.925	64	237	0.24	ug/l #	42
11) Tert butyl alcohol	3.211	59	10716	22.41	ug/l #	81
16) Acetone	2.636	43	56345	51.35	ug/l	99
18) Methyl Acetate	2.957	43	23208	10.00	ug/l	96
20) Methylene Chloride	3.054	84	292	0.22	ug/l #	71
23) Vinyl Acetate	4.073	43	2234	0.48	ug/l #	76
25) 2-Butanone	4.723	43	4539	2.69	ug/l	96
29) Tetrahydrofuran	4.813	42	2891	2.72	ug/l #	37
31) Cyclohexane	5.379	56	2848	1.24	ug/l #	17
36) 1,1-Dichloropropene	5.382	75	9262	4.78	ug/l #	50
37) Ethyl Acetate	4.813	43	37218	11.24	ug/l	100
38) Carbon Tetrachloride	5.382	117	11136	5.36	ug/l #	18
43) Isopropyl Acetate	5.748	43	4422	0.94	ug/l #	64
51) 4-Methyl-2-Pentanone	7.800	43	1133	0.32	ug/l #	86
56) Ethyl methacrylate	8.237	69	1409	0.58	ug/l #	48
59) 2-Hexanone	8.694	43	672	0.23	ug/l	98
76) 1,2,3-Trichloropropane	10.639	75	49451	19.59	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	49451	57.56	ug/l #	7
95) Naphthalene	14.102	128	827	2.87	ug/l #	75

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
Data File : VU043177.D
Acq On : 16 Apr 2021 18:33
Operator : SY/MD
Sample : M2016-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

Quant Time: Apr 17 02:34:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

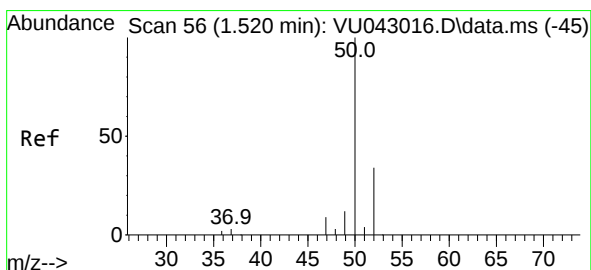
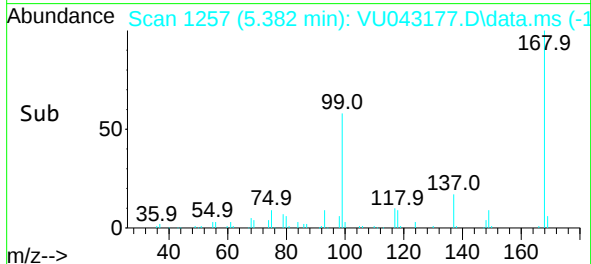
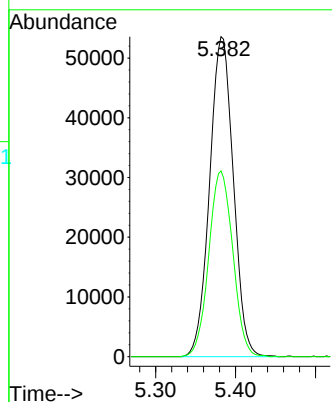
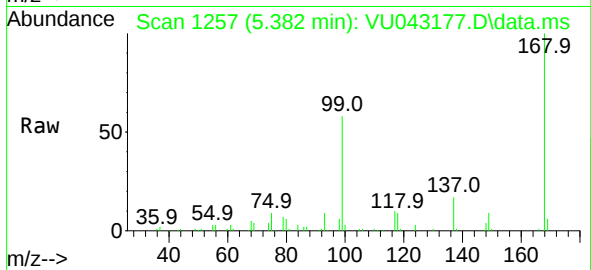




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

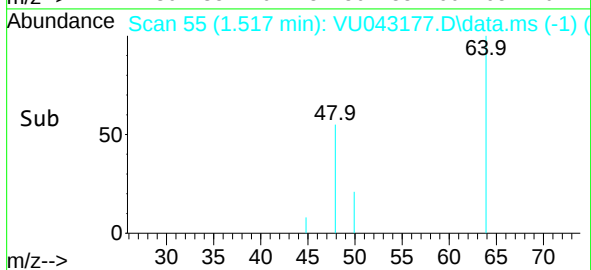
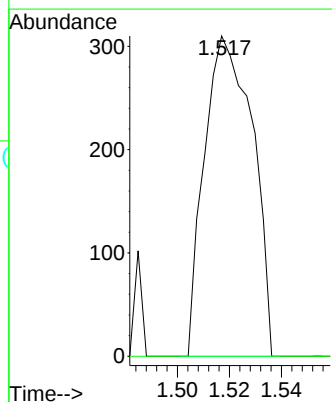
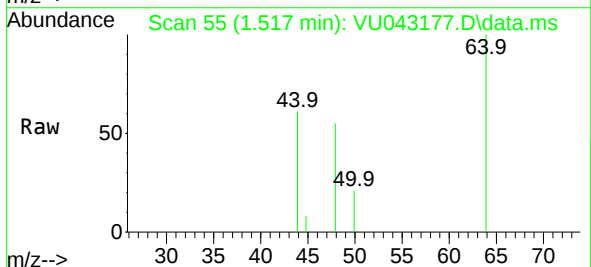
Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

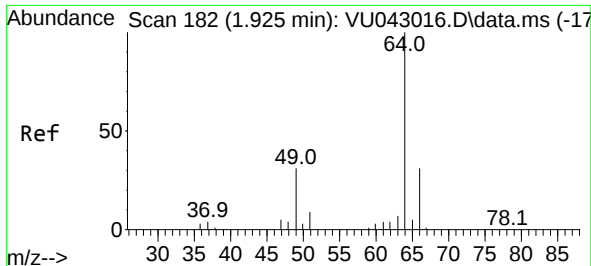
Tgt Ion:168 Resp: 110390
Ion Ratio Lower Upper
168 100
99 58.1 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

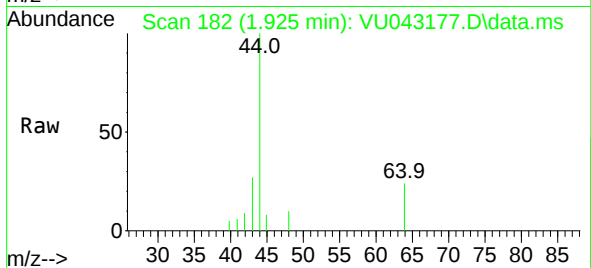
Tgt Ion: 50 Resp: 398
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



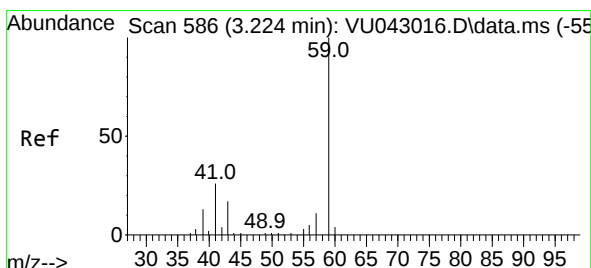
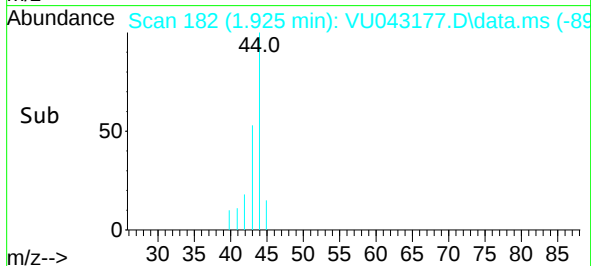
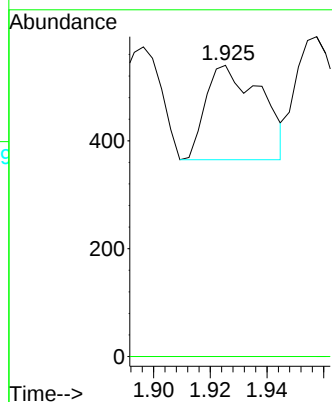


#6
Chloroethane
Concen: 0.24 ug/l
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

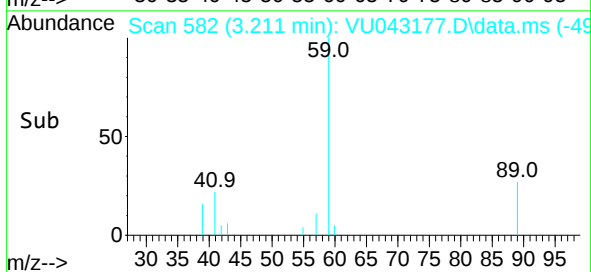
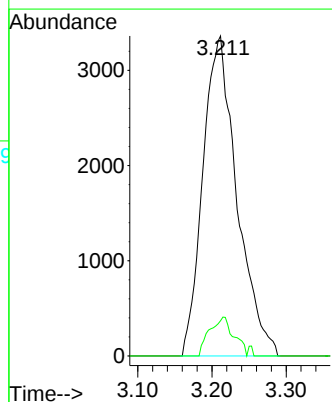
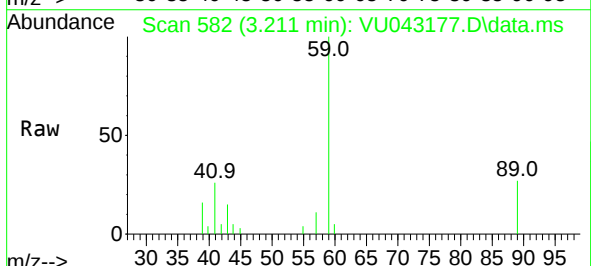


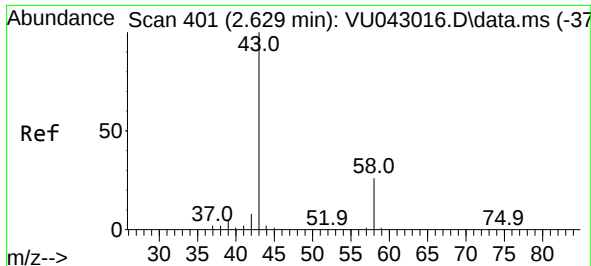
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 22.41 ug/l
RT: 3.211 min Scan# 582
Delta R.T. -0.013 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

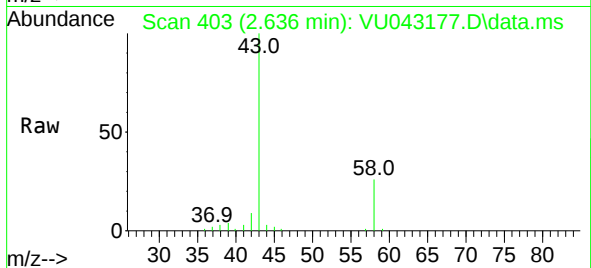
Tgt Ion: 59 Resp: 10716
Ion Ratio Lower Upper
59 100
57 8.6 1.6 2.4#



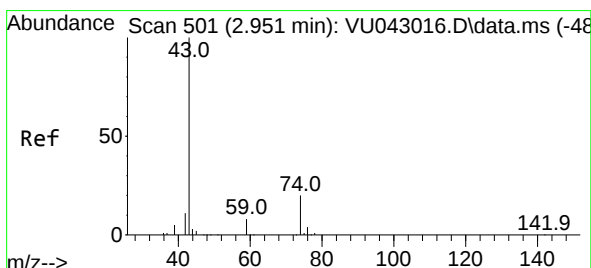
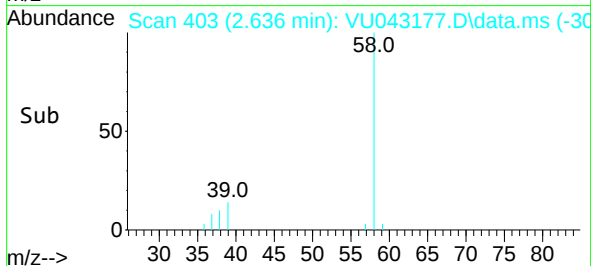
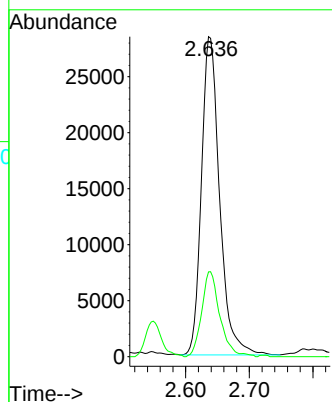


#16
Acetone
Concen: 51.35 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

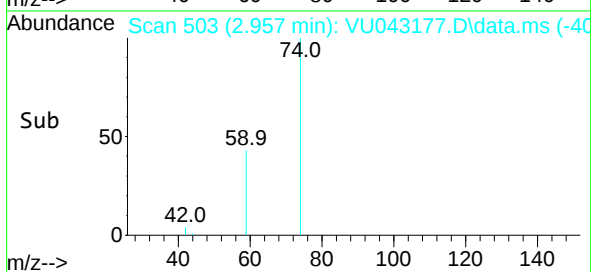
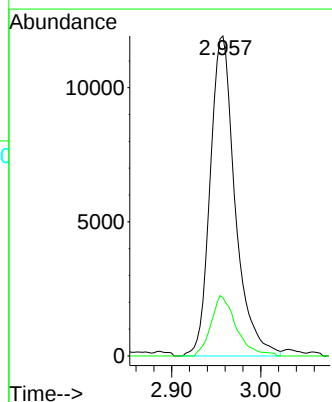
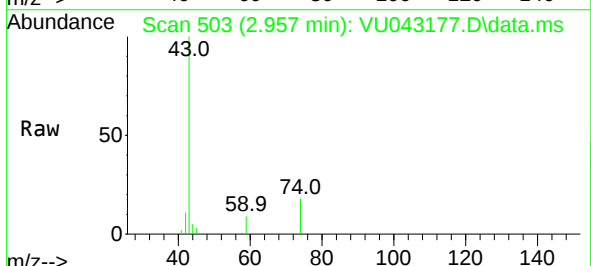


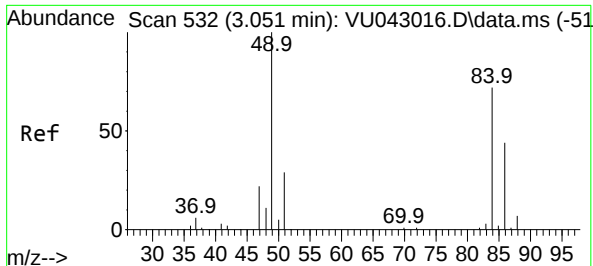
Tgt Ion: 43 Resp: 56345
Ion Ratio Lower Upper
43 100
58 26.6 21.5 32.3



#18
Methyl Acetate
Concen: 10.00 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion: 43 Resp: 23208
Ion Ratio Lower Upper
43 100
74 19.0 16.6 25.0





#20

Methylene Chloride

Concen: 0.22 ug/l

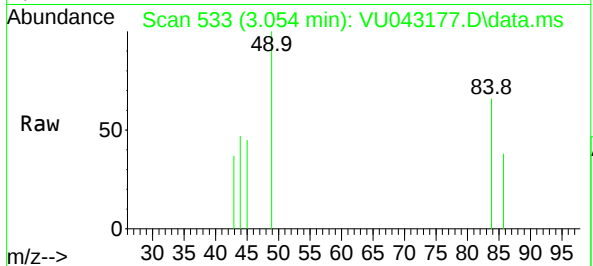
RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU043177.D

Acq: 16 Apr 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750



Tgt Ion: 84 Resp: 292

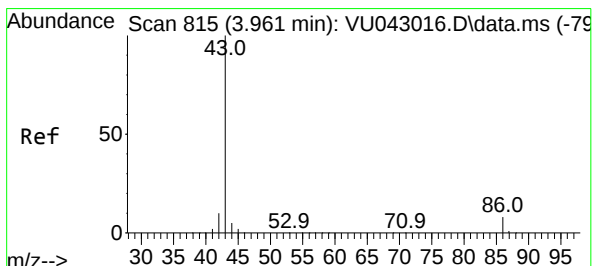
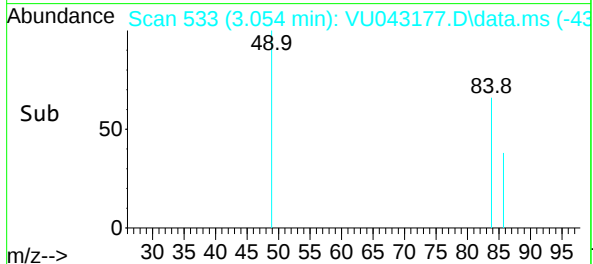
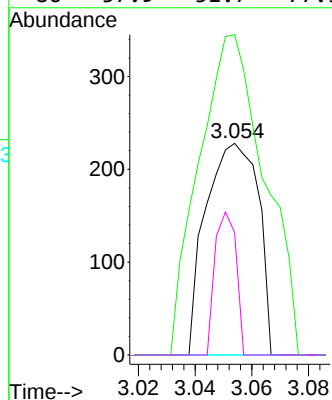
Ion Ratio Lower Upper

84 100

49 107.0 112.6 169.0#

51 0.0 33.7 50.5#

86 57.9 51.7 77.5



#23

Vinyl Acetate

Concen: 0.48 ug/l

RT: 4.073 min Scan# 850

Delta R.T. 0.112 min

Lab File: VU043177.D

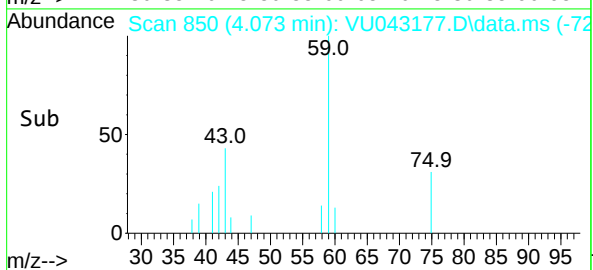
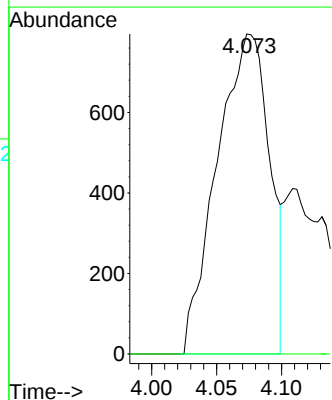
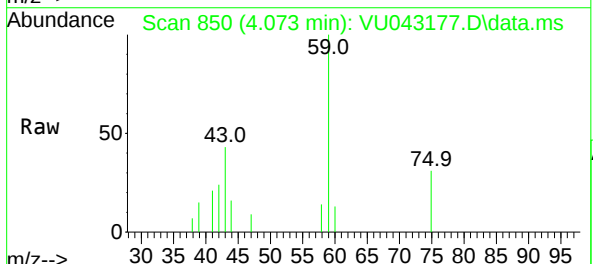
Acq: 16 Apr 2021 18:33

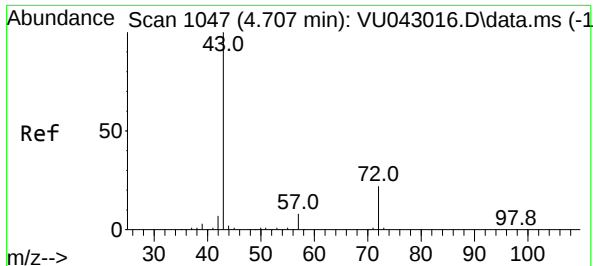
Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

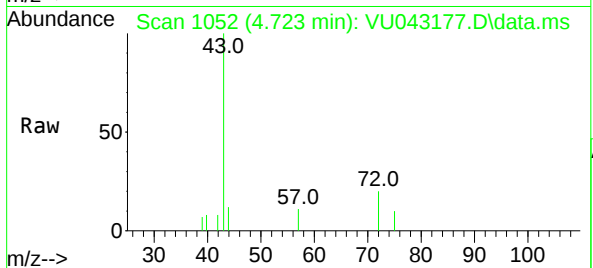
86 0.0 6.7 10.1#



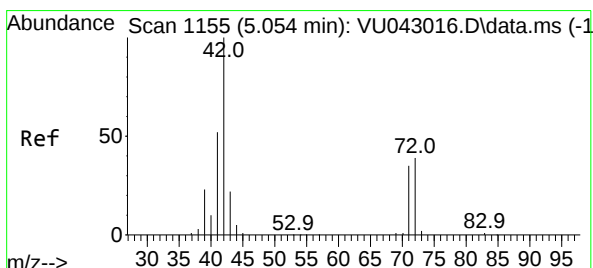
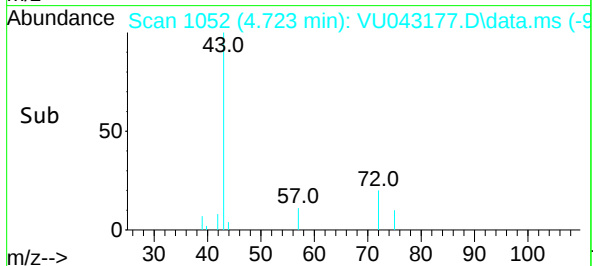
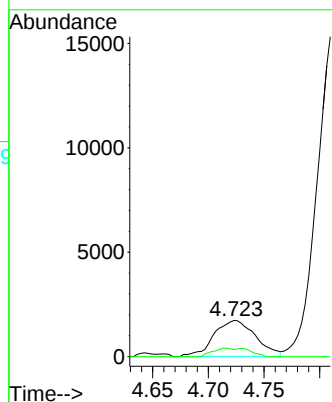


#25
2-Butanone
Concen: 2.69 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.016 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

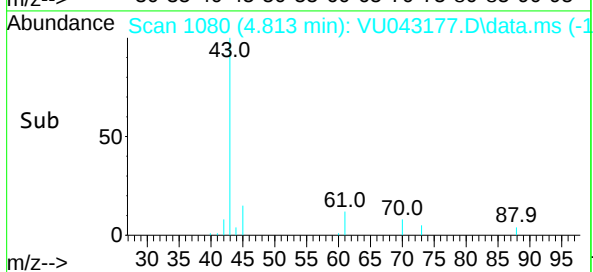
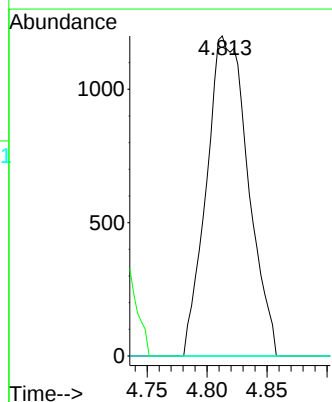
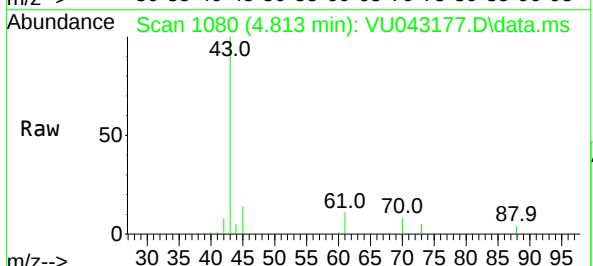


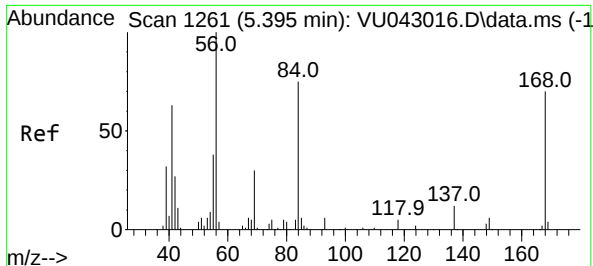
Tgt Ion: 43 Resp: 4539
Ion Ratio Lower Upper
43 100
72 19.8 17.4 26.0



#29
Tetrahydrofuran
Concen: 2.72 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. -0.241 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion: 42 Resp: 2891
Ion Ratio Lower Upper
42 100
72 0.0 31.5 47.3#
71 0.0 29.5 44.3#





#31

Cyclohexane

Concen: 1.24 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU043177.D

Acq: 16 Apr 2021 18:33

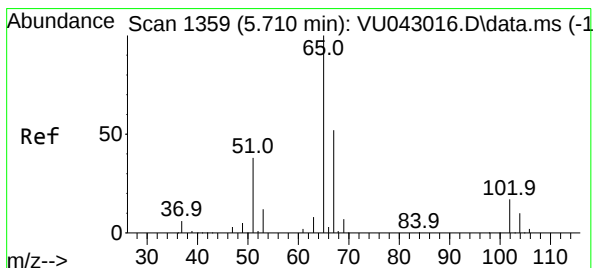
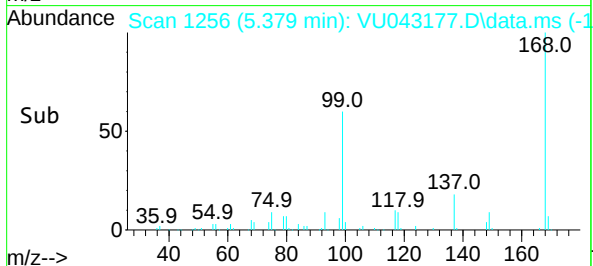
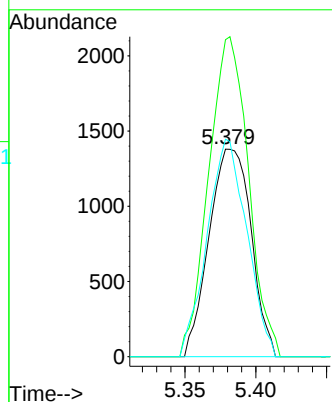
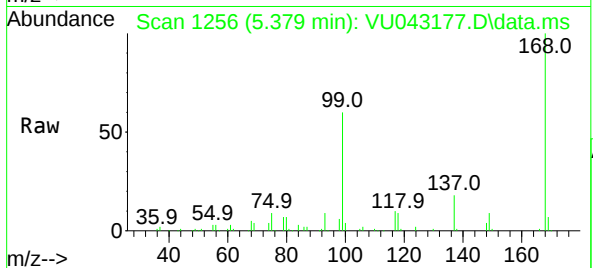
Tgt Ion: 56 Resp: 2848

Ion Ratio Lower Upper

56 100

69 152.8 24.9 37.3#

84 104.8 63.7 95.5#



#33

1,2-Dichloroethane-d4

Concen: 50.67 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043177.D

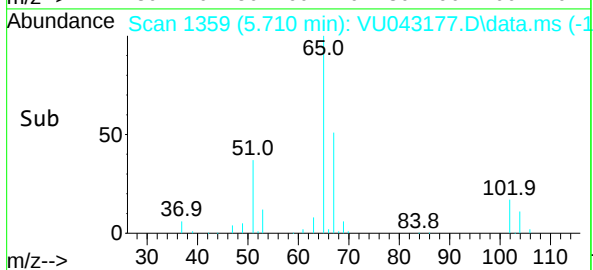
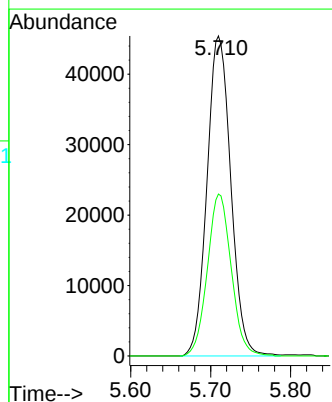
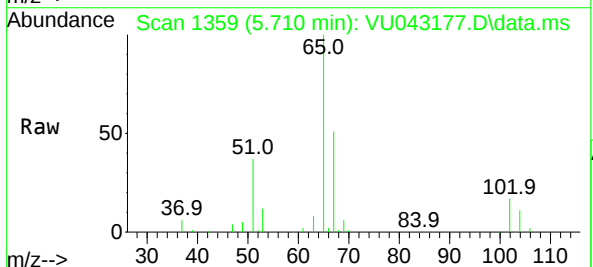
Acq: 16 Apr 2021 18:33

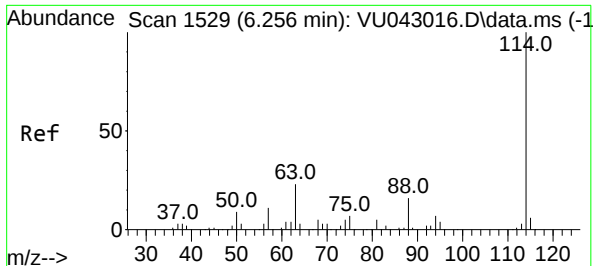
Tgt Ion: 65 Resp: 94030

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.8

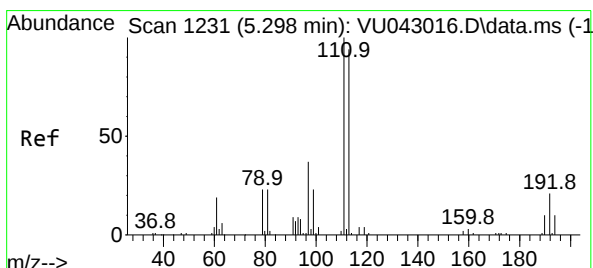
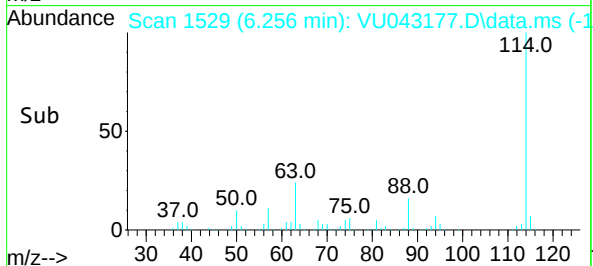
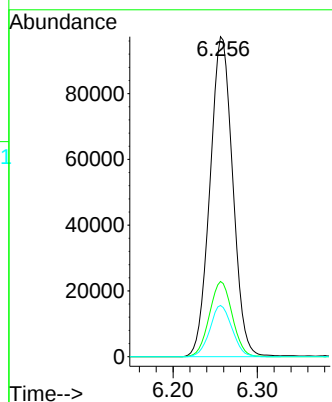
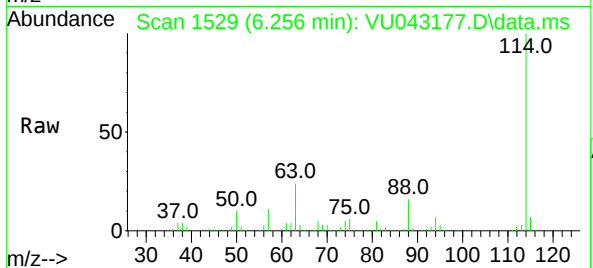




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

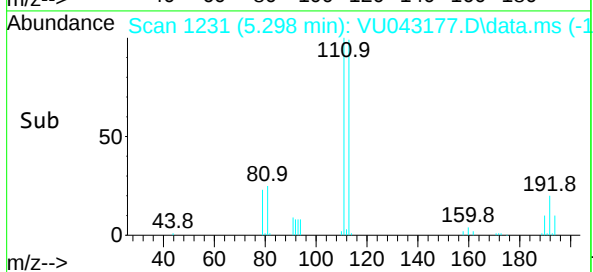
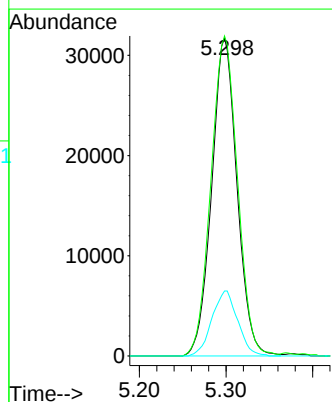
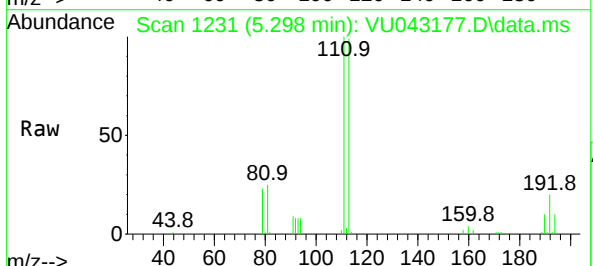
Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

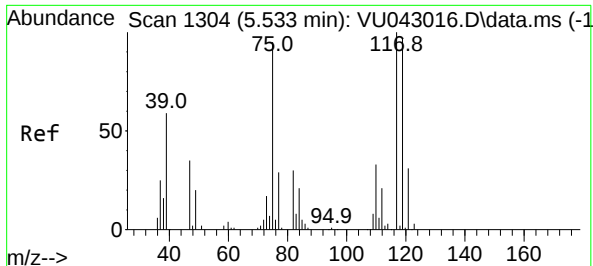
Tgt Ion:114 Resp: 182591
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.2
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.98 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion:113 Resp: 64457
Ion Ratio Lower Upper
113 100
111 105.4 81.8 122.8
192 20.8 17.2 25.8



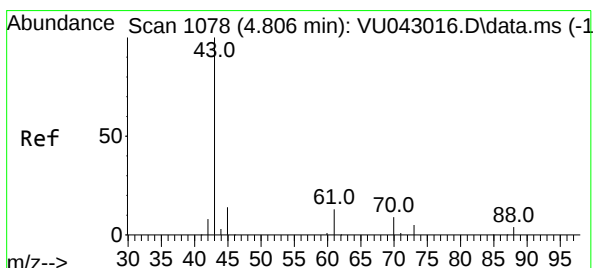
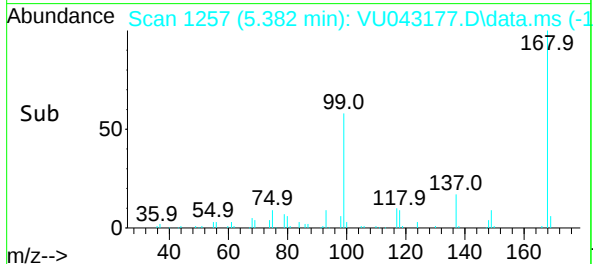
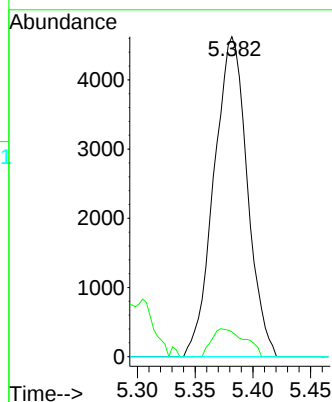
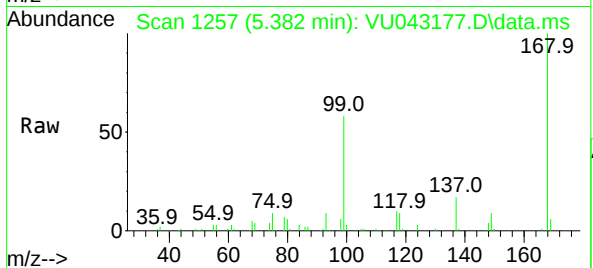


#36

1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

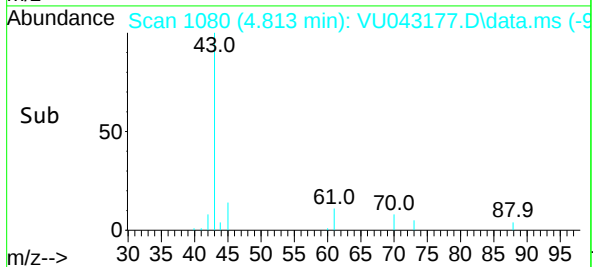
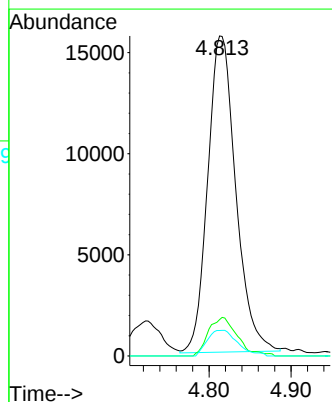
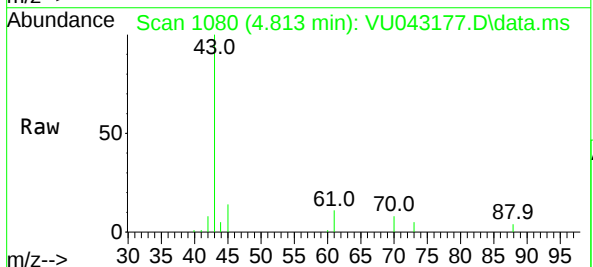
Tgt Ion: 75 Resp: 9262
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.3#
77 0.0 24.8 37.2#

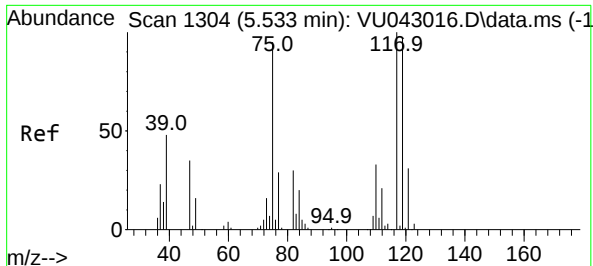


#37

Ethyl Acetate
Concen: 11.24 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. 0.007 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

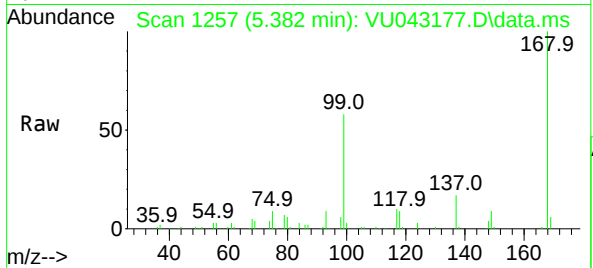
Tgt Ion: 43 Resp: 37218
Ion Ratio Lower Upper
43 100
61 12.6 10.1 15.1
70 8.8 7.2 10.8



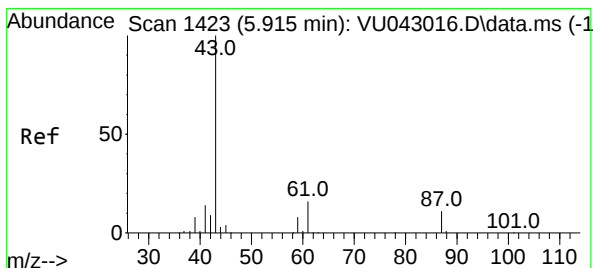
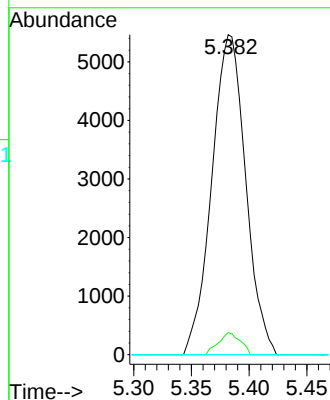
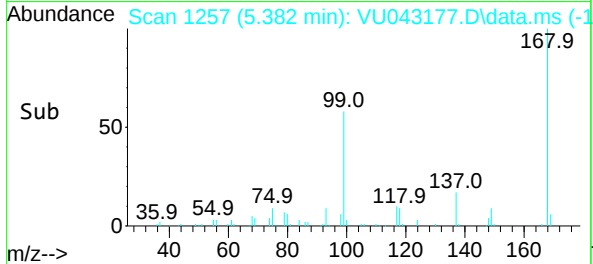


#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

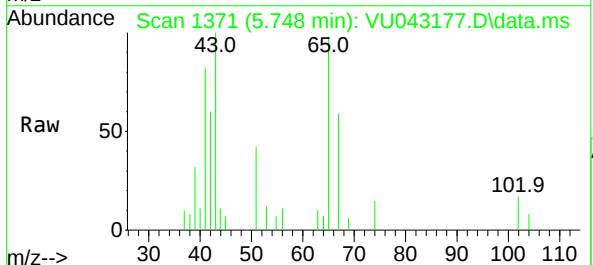
Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750



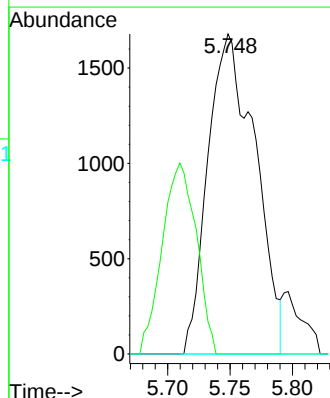
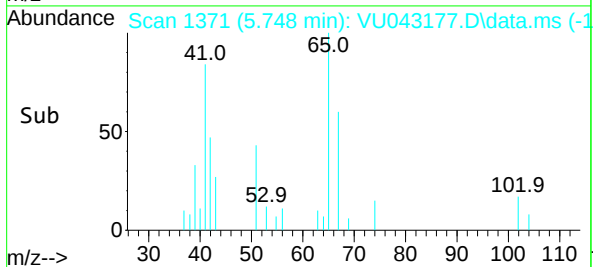
Tgt Ion:117 Resp: 11136
Ion Ratio Lower Upper
117 100
119 6.9 75.5 113.3#
121 0.0 24.7 37.1#

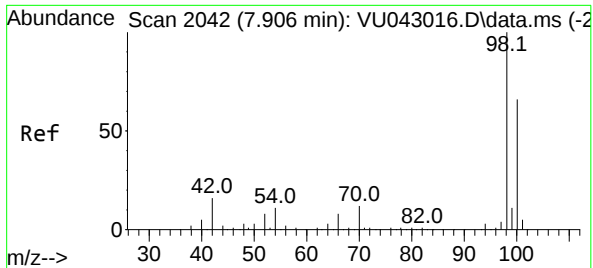


#43
Isopropyl Acetate
Concen: 0.94 ug/l
RT: 5.748 min Scan# 1371
Delta R.T. -0.167 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33



Tgt Ion: 43 Resp: 4422
Ion Ratio Lower Upper
43 100
61 0.0 14.4 21.6#
87 0.0 8.8 13.2#

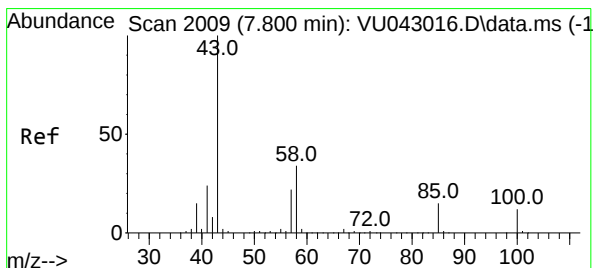
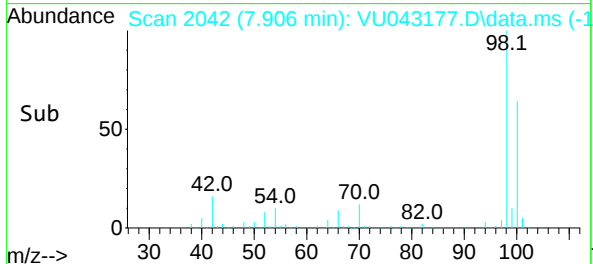
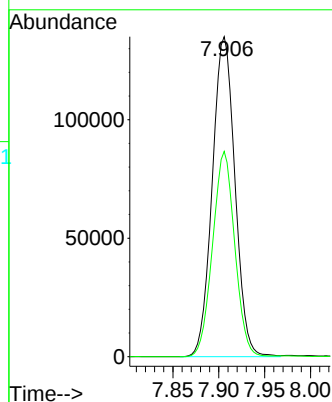
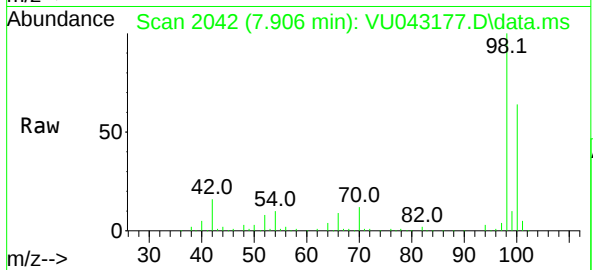




#50
Toluene-d8
Concen: 47.88 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

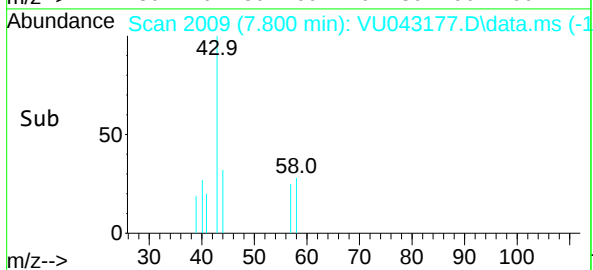
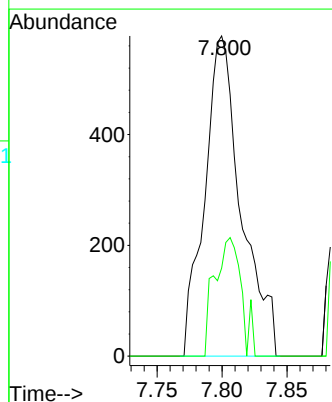
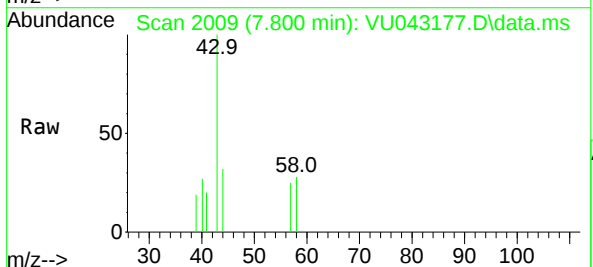
Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

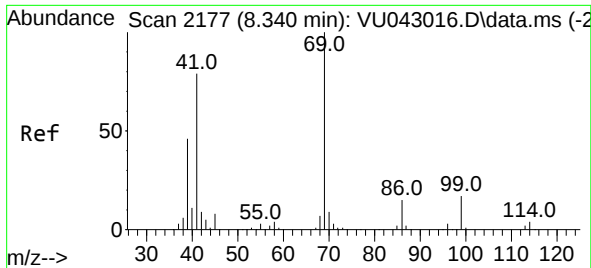
Tgt Ion: 98 Resp: 232431
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 26.8 28.1 42.1#

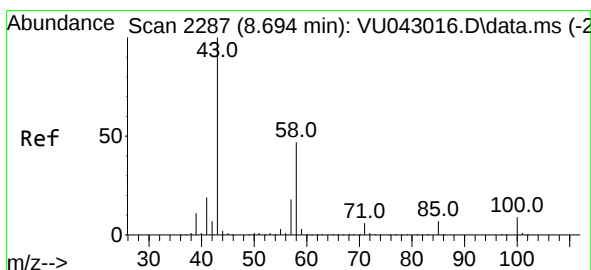
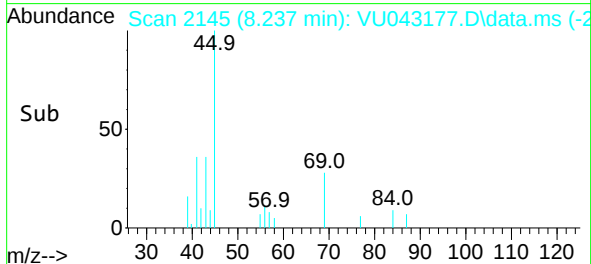
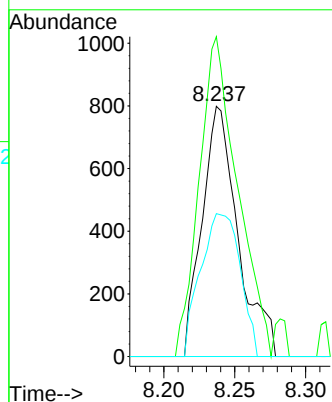
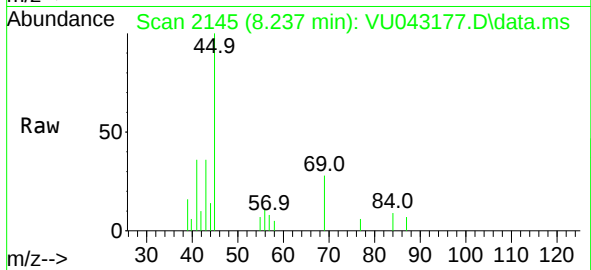




#56
Ethyl methacrylate
Concen: 0.58 ug/l
RT: 8.237 min Scan# 2145
Delta R.T. -0.103 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

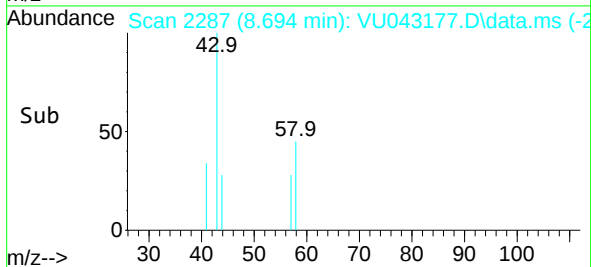
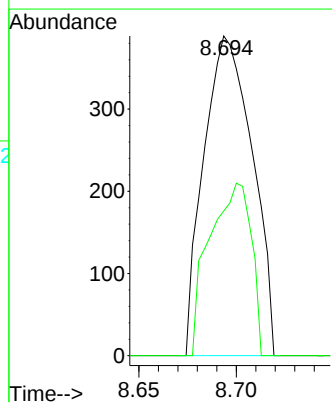
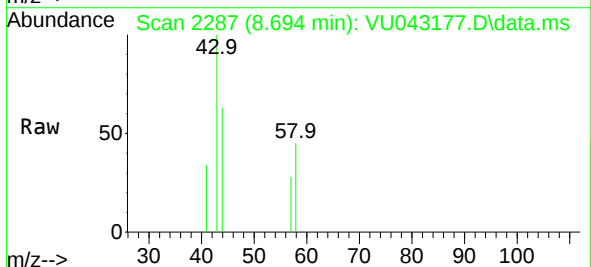
Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

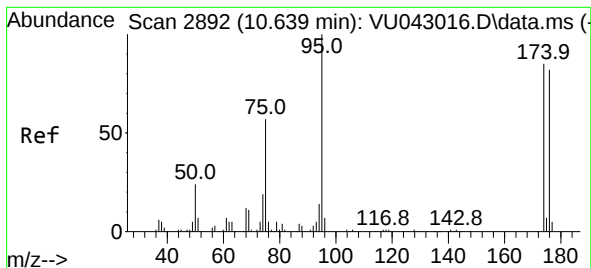
Tgt Ion: 69 Resp: 1409
Ion Ratio Lower Upper
69 100
41 136.3 62.8 94.2#
39 63.0 36.2 54.2#



#59
2-Hexanone
Concen: 0.23 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 46.6 24.0 72.0

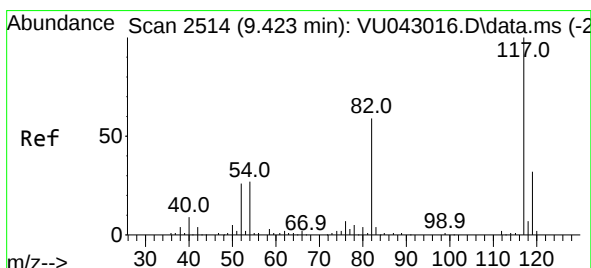
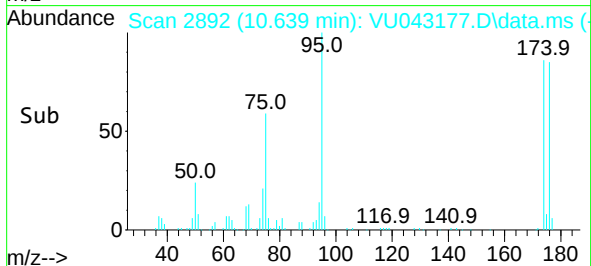
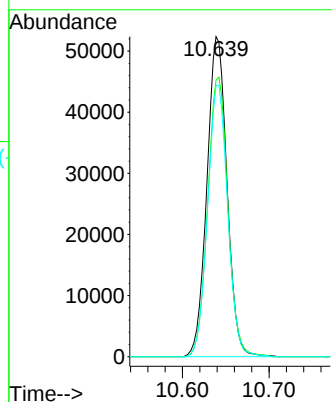
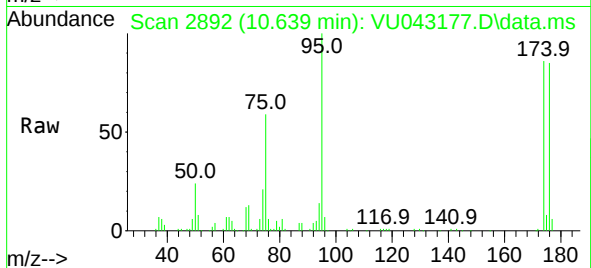




#62
4-Bromofluorobenzene
Concen: 43.35 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

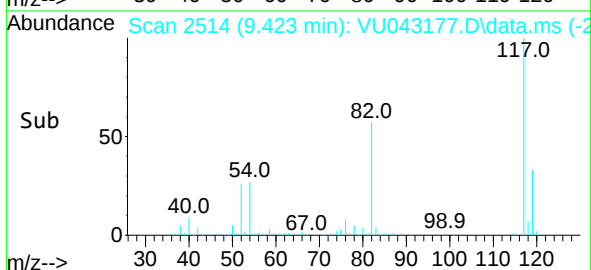
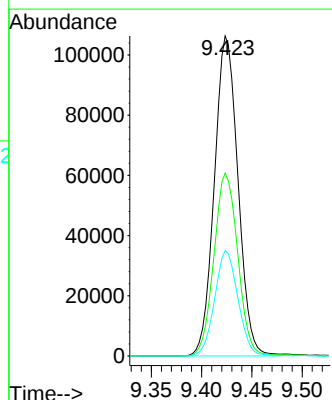
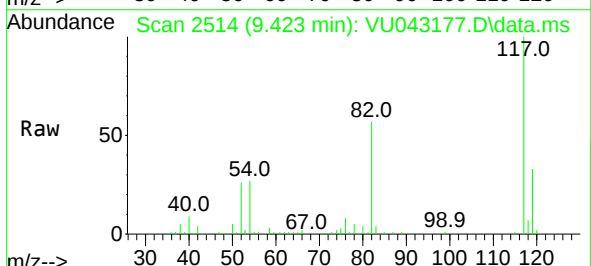
Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

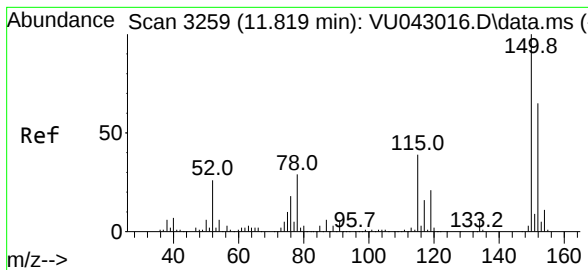
Tgt Ion: 95 Resp: 84272
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 84.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion: 117 Resp: 173725
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.9 25.8 38.8

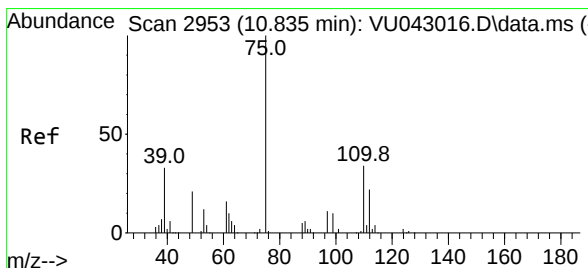
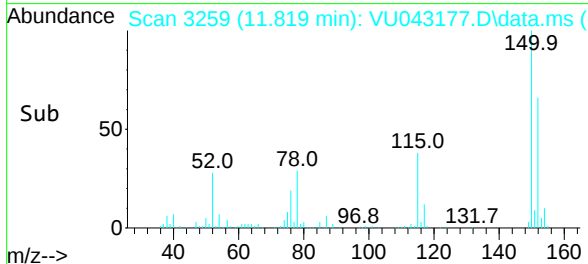
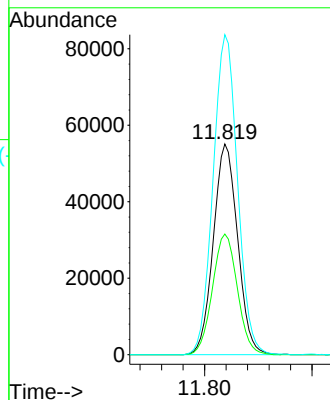
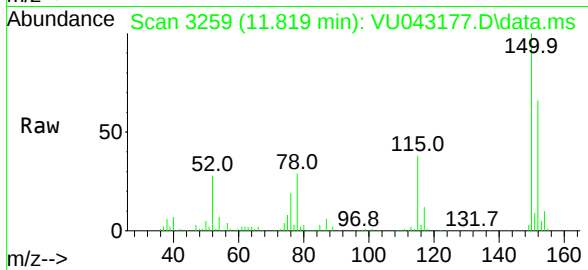




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043177.D
 Acq: 16 Apr 2021 18:33

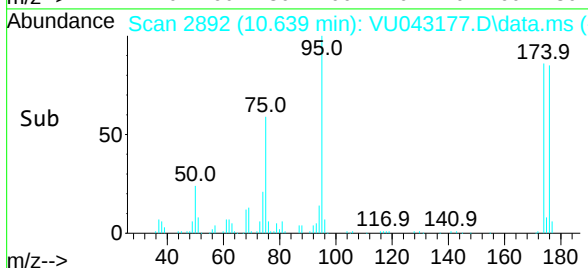
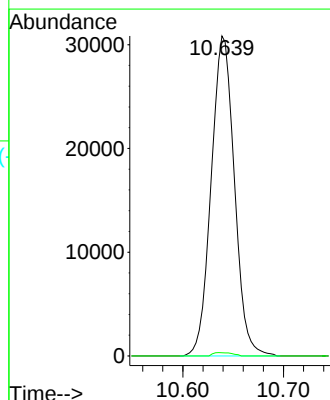
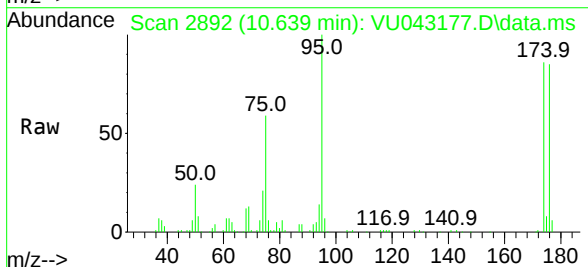
Instrument :
 MSVOA_U
 ClientSampled :
 TOTE-1750

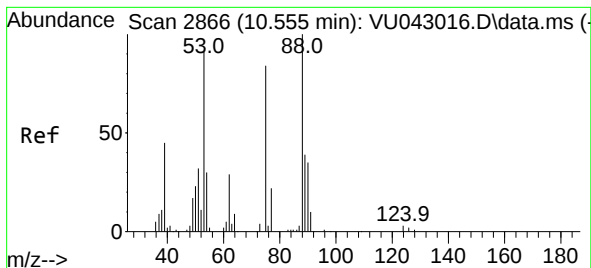
Tgt Ion:152 Resp: 86390
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.5 124.6
 150 152.8 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.59 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043177.D
 Acq: 16 Apr 2021 18:33

Tgt Ion: 75 Resp: 49451
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#

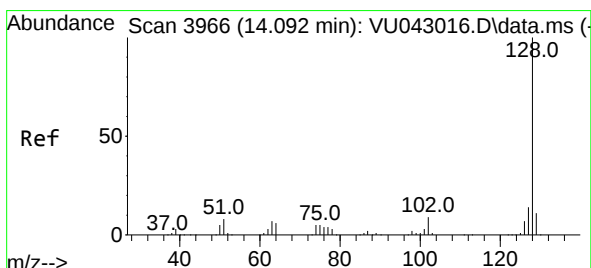
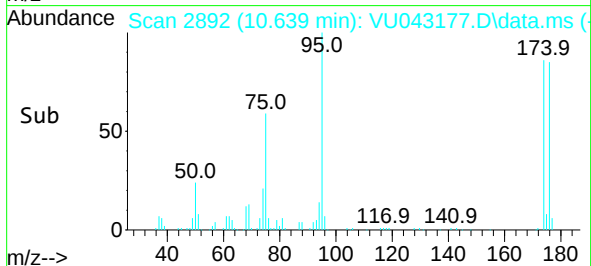
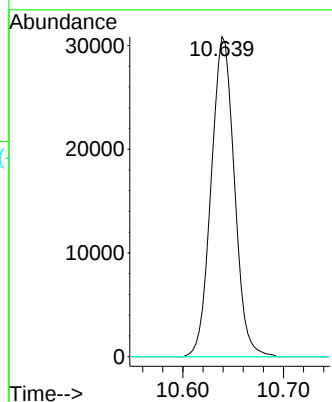
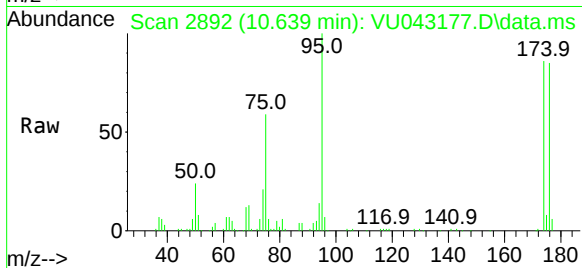




#81
trans-1,4-Dichloro-2-butene
Concen: 57.56 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :
TOTE-1750

Tgt Ion: 75 Resp: 49451
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.87 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043177.D
Acq: 16 Apr 2021 18:33

Tgt Ion: 128 Resp: 827
Ion Ratio Lower Upper
128 100
127 4.8 10.8 16.2#
129 0.0 8.6 13.0#

