

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043199.D
 Acq On : 19 Apr 2021 17:12
 Operator : SY/MD
 Sample : PB135814ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:57:18 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)

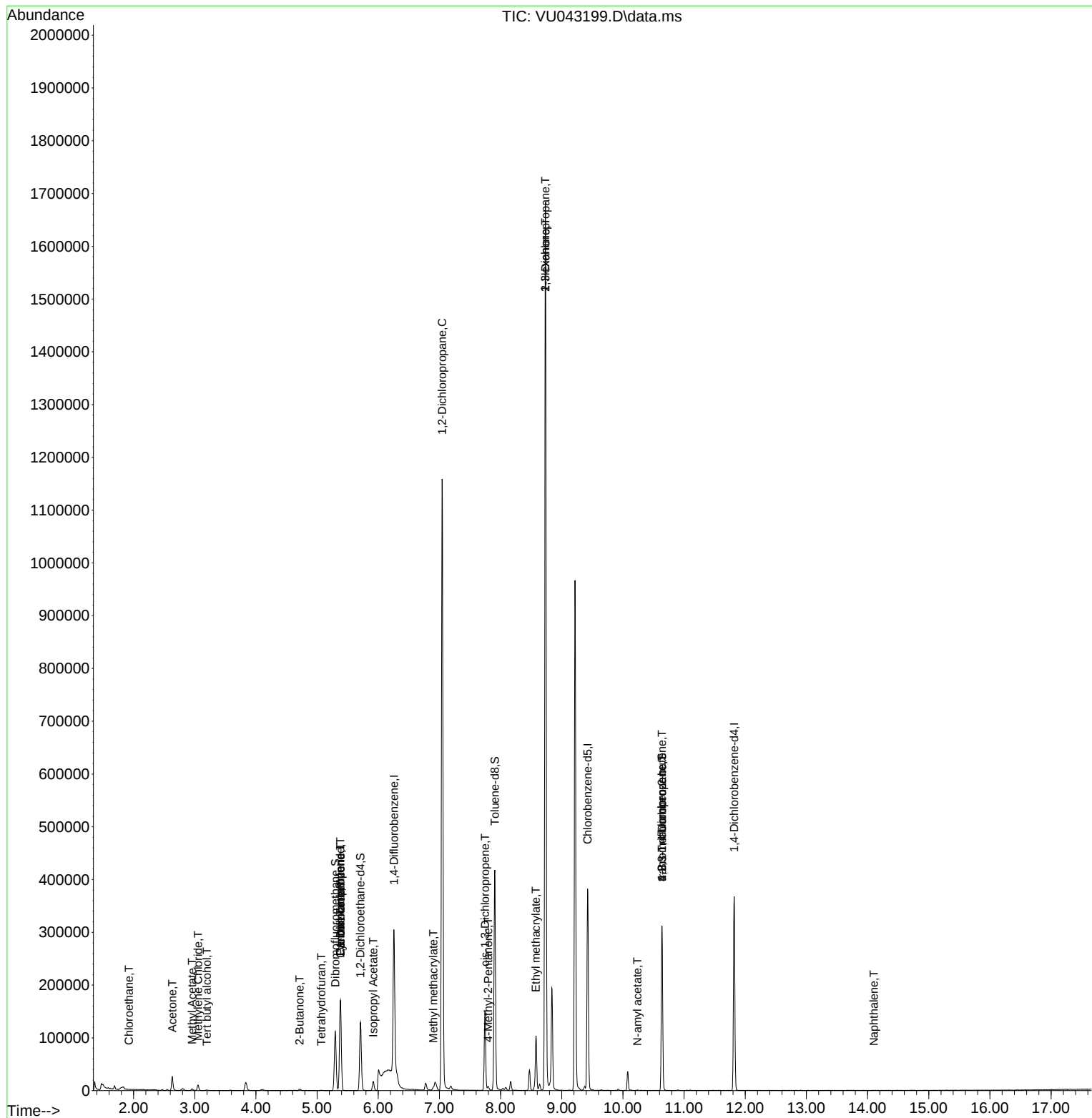
Internal Standards						
1) Pentafluorobenzene	5.382	168	115360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	196663	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	193584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97254	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.298	113	68218	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	7.906	98	251937	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	10.639	95	89664	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	531	Below Cal		94
6) Chloroethane	1.922	64	226	0.21 ug/l #		42
11) Tert butyl alcohol	3.198	59	1106	2.21 ug/l #		94
16) Acetone	2.633	43	30978	26.87 ug/l		96
18) Methyl Acetate	2.957	43	4458	1.84 ug/l		96
20) Methylene Chloride	3.054	84	4444	3.23 ug/l		98
25) 2-Butanone	4.713	43	4570	2.59 ug/l #		89
29) Tetrahydrofuran	5.070	42	549	0.49 ug/l #		44
31) Cyclohexane	5.385	56	3261	1.36 ug/l #		37
36) 1,1-Dichloropropene	5.378	75	9350	4.48 ug/l #		49
38) Carbon Tetrachloride	5.382	117	12301	5.50 ug/l #		16
43) Isopropyl Acetate	5.919	43	19151	3.76 ug/l		96
45) 1,2-Dichloropropane	7.044	63	1219	0.73 ug/l #		43
48) Methyl methacrylate	6.899	41	7024	2.75 ug/l #		17
51) 4-Methyl-2-Pentanone	7.796	43	5219	1.39 ug/l		94
54) cis-1,3-Dichloropropene	7.745	75	22256	8.51 ug/l #		69
56) Ethyl methacrylate	8.578	69	809	0.31 ug/l #		1
57) 1,3-Dichloropropane	8.732	76	14227	5.19 ug/l #		43
59) 2-Hexanone	8.732	43	261665	84.42 ug/l #		54
74) N-amyl acetate	10.237	43	819	0.21 ug/l #		48
76) 1,2,3-Trichloropropane	10.639	75	52636	20.11 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	52636	59.08 ug/l #		7
95) Naphthalene	14.102	128	93	2.75 ug/l #		69

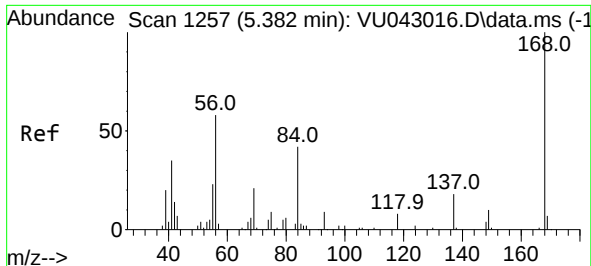
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
Data File : VU043199.D
Acq On : 19 Apr 2021 17:12
Operator : SY/MD
Sample : PB135814ZHE#02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 20 02:57:18 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

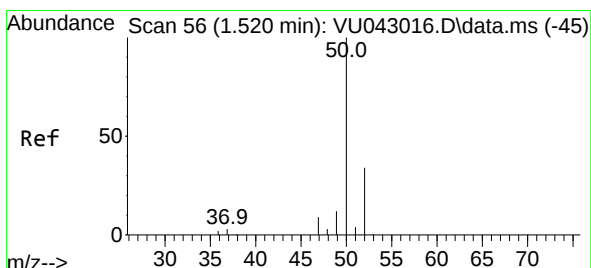
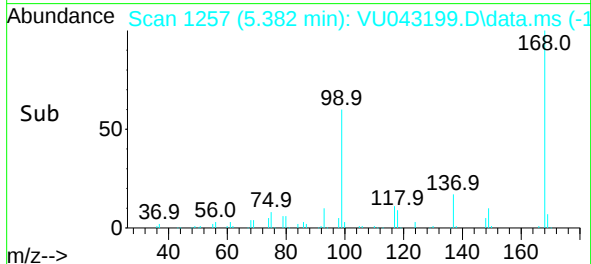
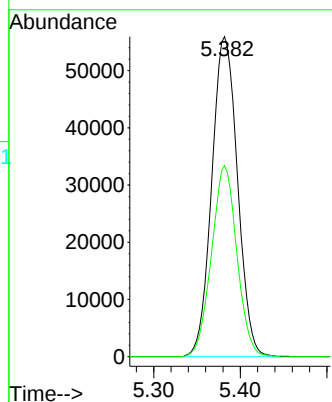
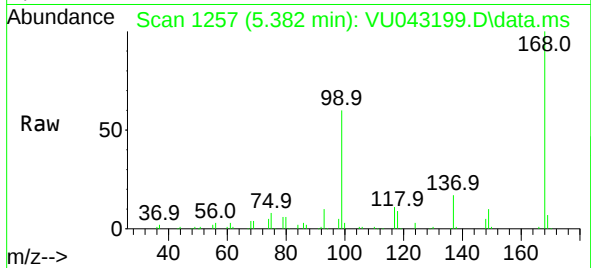




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

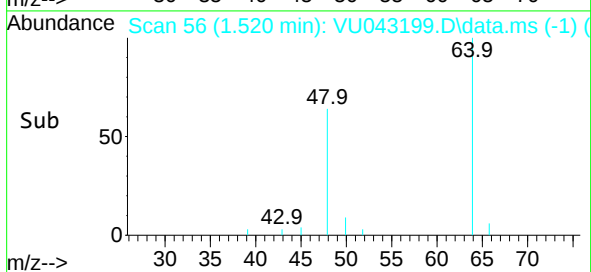
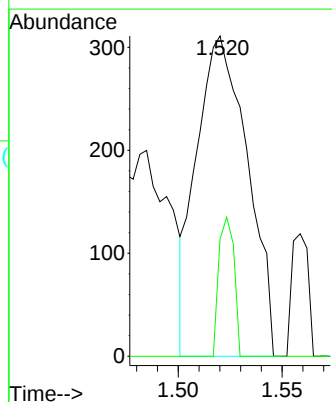
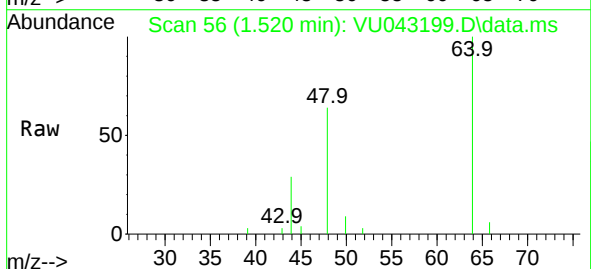
Instrument :
MSVOA_U
ClientSampled :

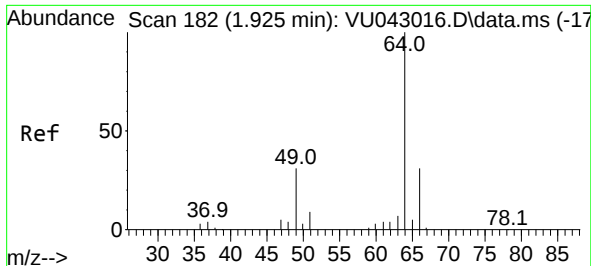
Tgt Ion:168 Resp: 115360
Ion Ratio Lower Upper
168 100
99 59.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 50 Resp: 531
Ion Ratio Lower Upper
50 100
52 36.7 26.6 40.0

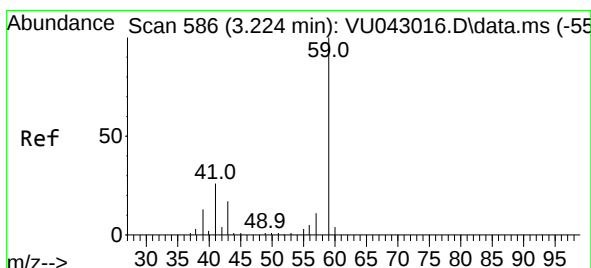
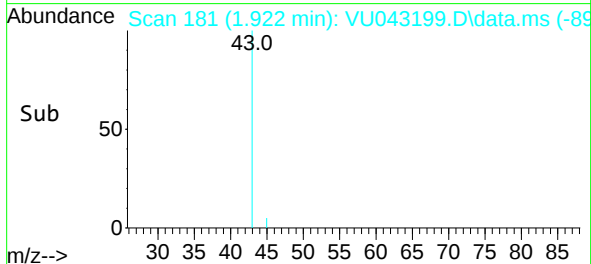
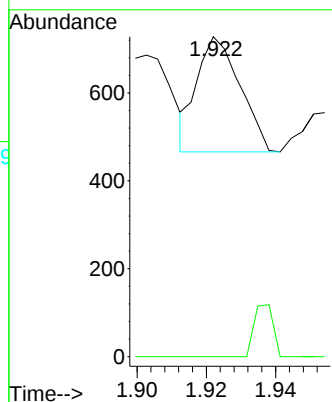
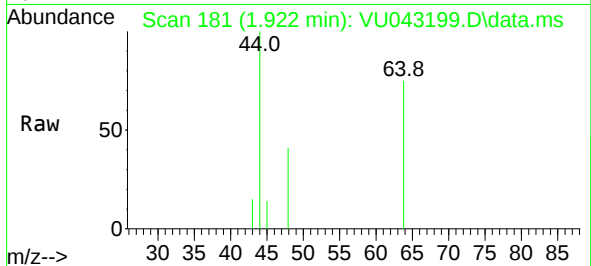




#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.922 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

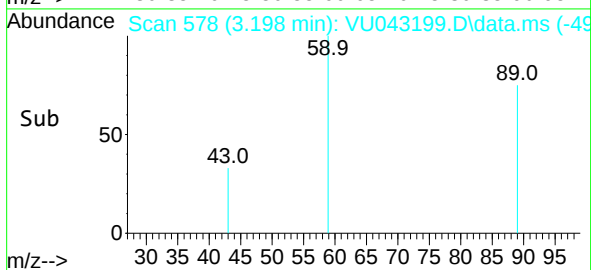
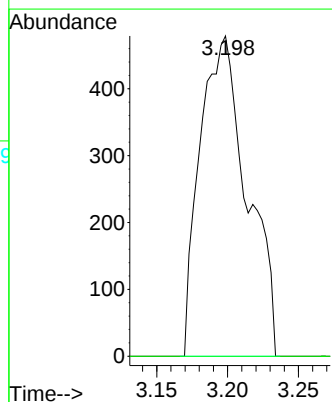
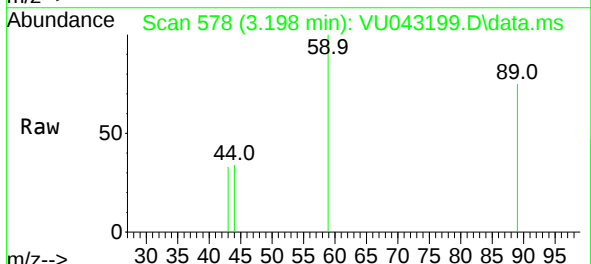
Instrument :
MSVOA_U
ClientSampleId :

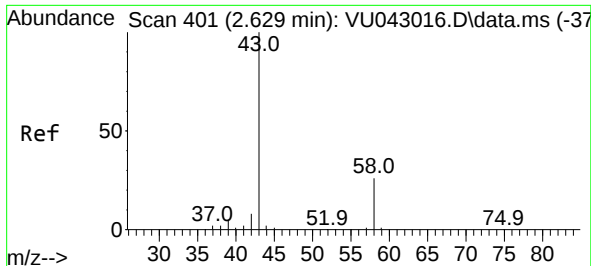
Tgt Ion: 64 Resp: 226
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 2.21 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.026 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

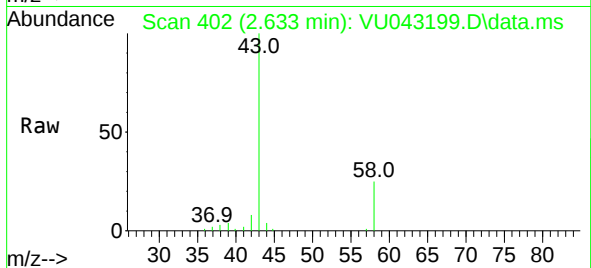
Tgt Ion: 59 Resp: 1106
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



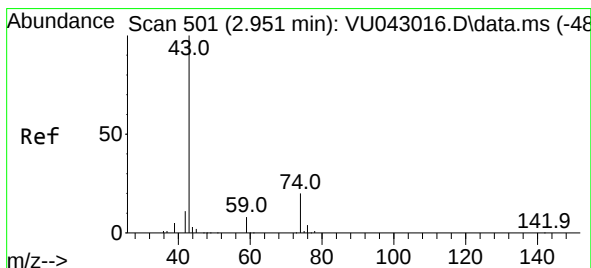
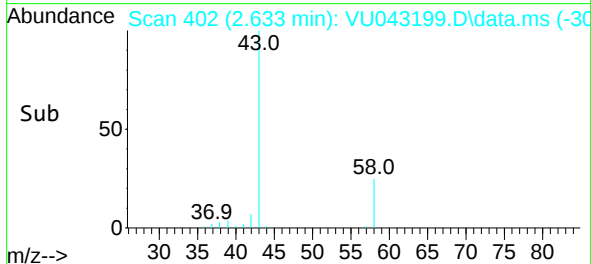
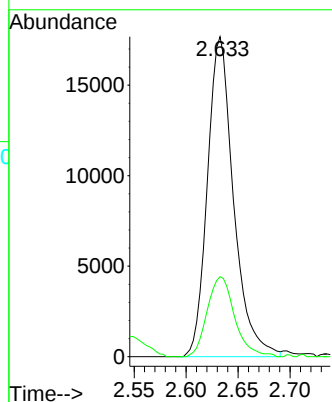


#16
Acetone
Concen: 26.87 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Instrument :
MSVOA_U
ClientSampleId :

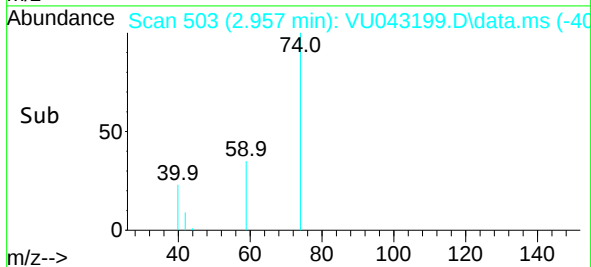
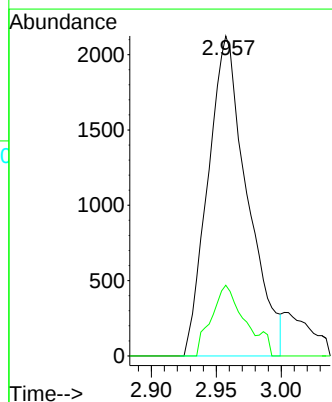
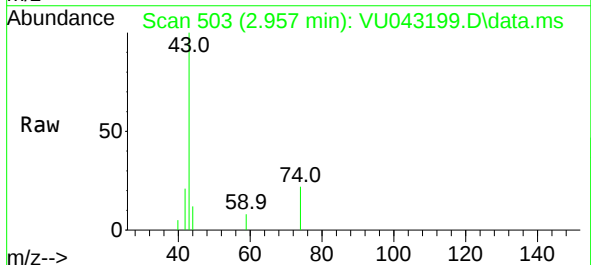


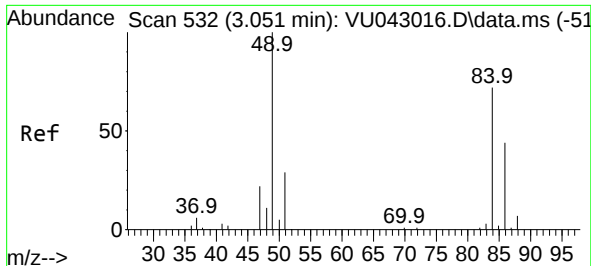
Tgt Ion: 43 Resp: 30978
Ion Ratio Lower Upper
43 100
58 25.0 21.5 32.3



#18
Methyl Acetate
Concen: 1.84 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

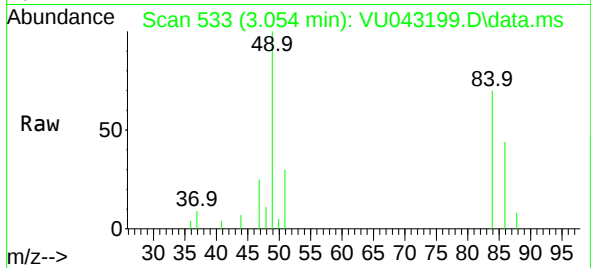
Tgt Ion: 43 Resp: 4458
Ion Ratio Lower Upper
43 100
74 19.0 16.6 25.0





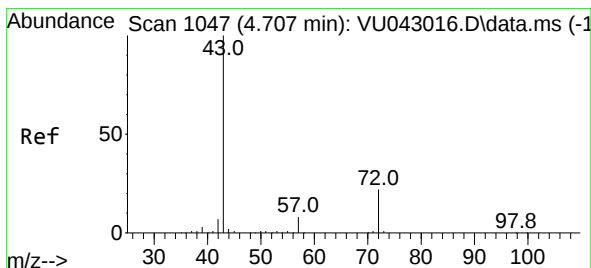
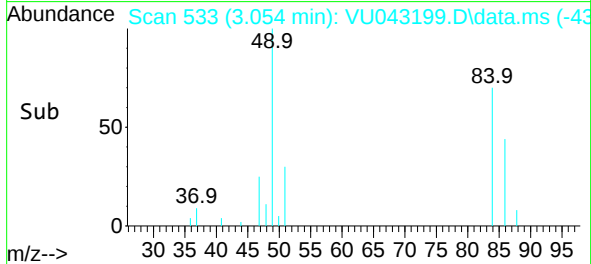
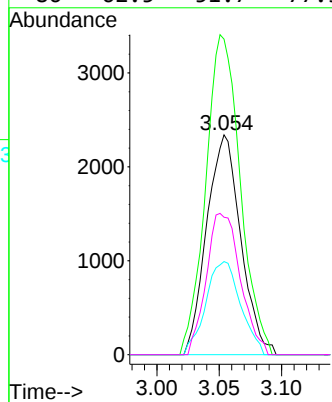
#20
Methylene Chloride
Concen: 3.23 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Instrument :
MSVOA_U
ClientSampleId :

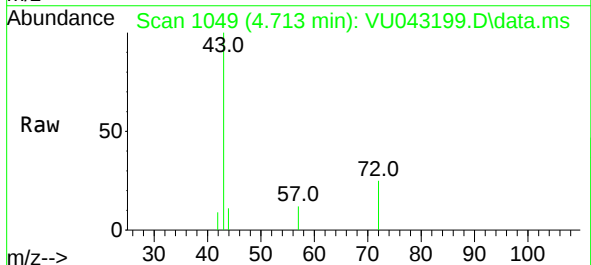


Tgt Ion: 84 Resp: 4444

Ion	Ratio	Lower	Upper
84	100		
49	143.5	112.6	169.0
51	42.4	33.7	50.5
86	62.5	51.7	77.5

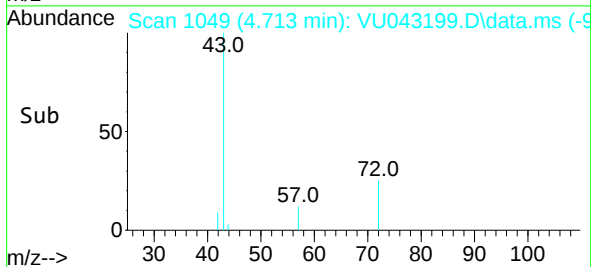
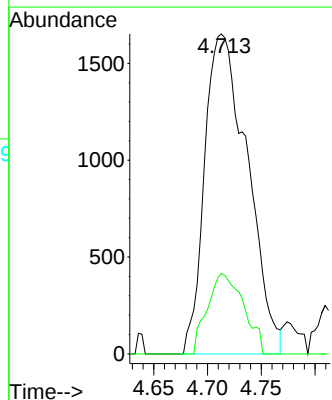


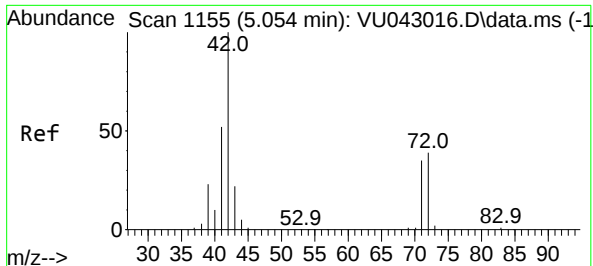
#25
2-Butanone
Concen: 2.59 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12



Tgt Ion: 43 Resp: 4570

Ion	Ratio	Lower	Upper
43	100		
72	26.9	17.4	26.0#





#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 5.070 min Scan# 1160

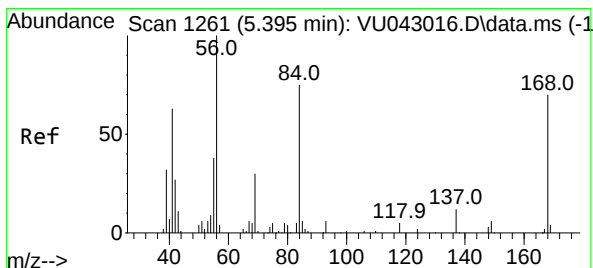
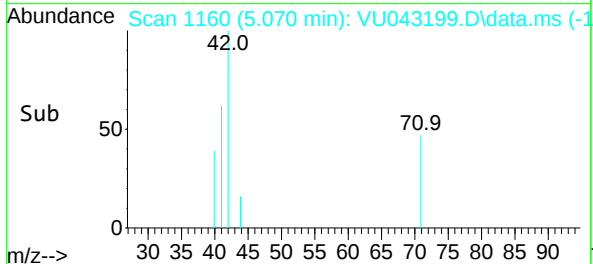
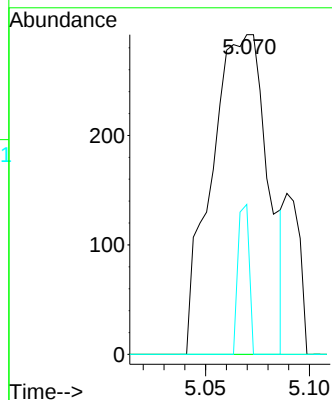
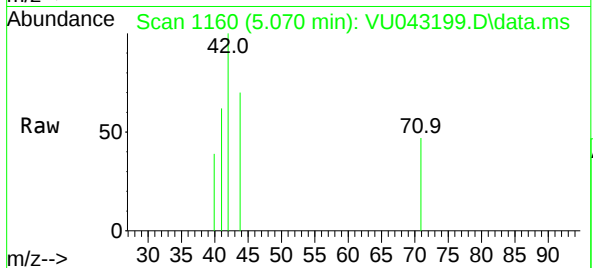
Delta R.T. 0.016 min

Lab File: VU043199.D

Acq: 19 Apr 2021 17:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 42	Resp: 549
Ion Ratio	Lower Upper
42	100
72	0.0 31.5 47.3#
71	9.3 29.5 44.3#



#31

Cyclohexane

Concen: 1.36 ug/l

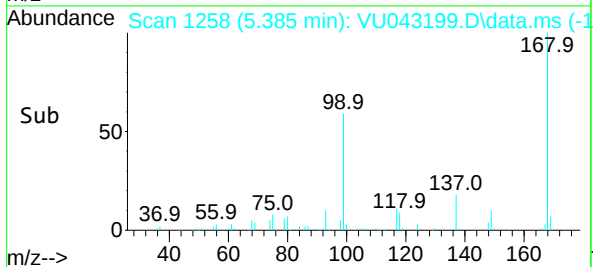
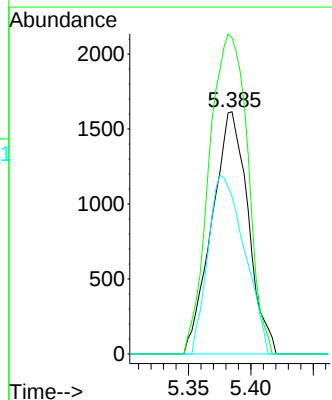
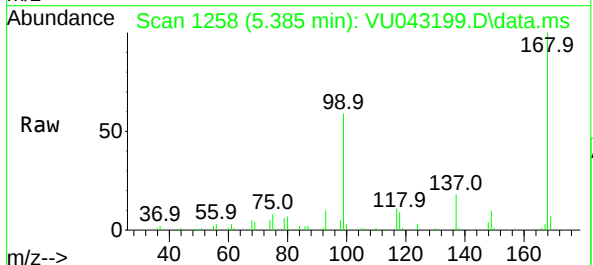
RT: 5.385 min Scan# 1258

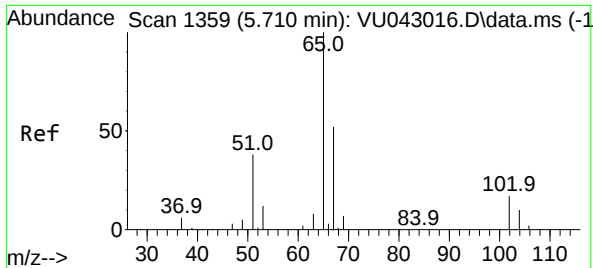
Delta R.T. -0.010 min

Lab File: VU043199.D

Acq: 19 Apr 2021 17:12

Tgt Ion: 56	Resp: 3261
Ion Ratio	Lower Upper
56	100
69	130.4 24.9 37.3#
84	65.0 63.7 95.5

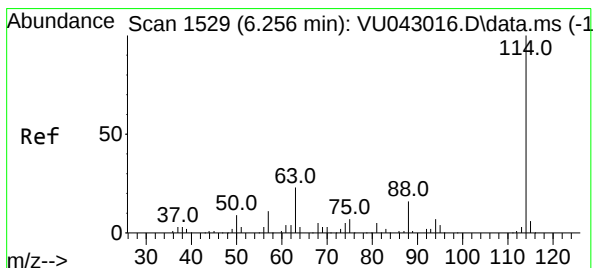
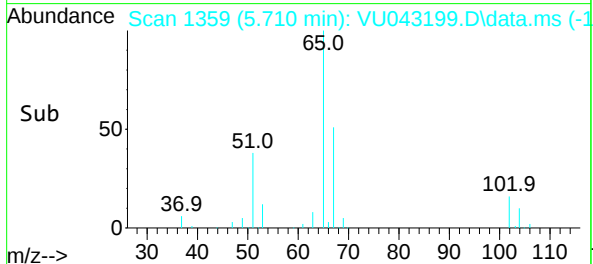
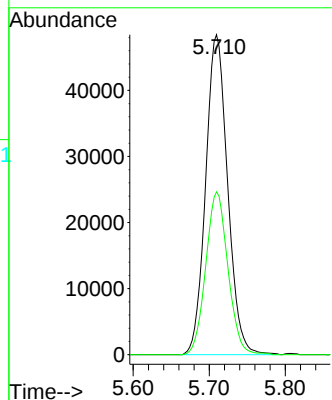
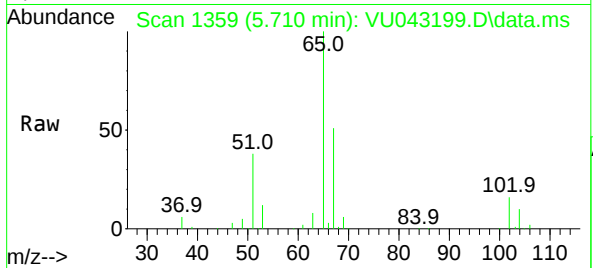




#33
1,2-Dichloroethane-d4
Concen: 50.15 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

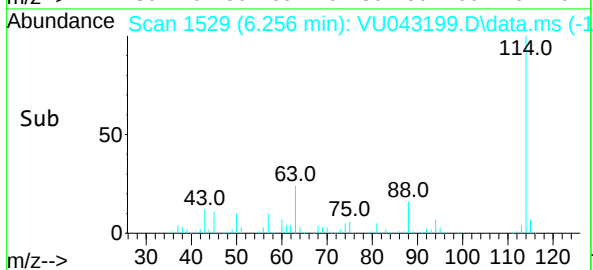
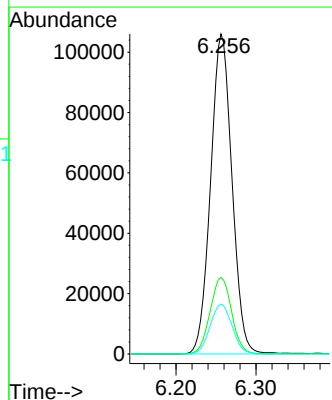
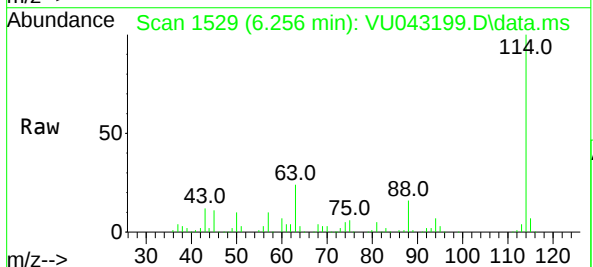
Instrument :
MSVOA_U
ClientSampled :

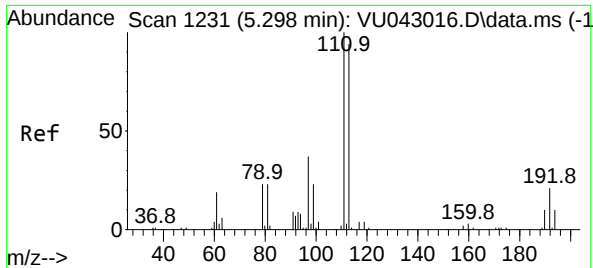
Tgt Ion: 65 Resp: 97254
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 114 Resp: 196663
Ion Ratio Lower Upper
114 100
63 23.9 0.0 44.2
88 15.6 0.0 33.4

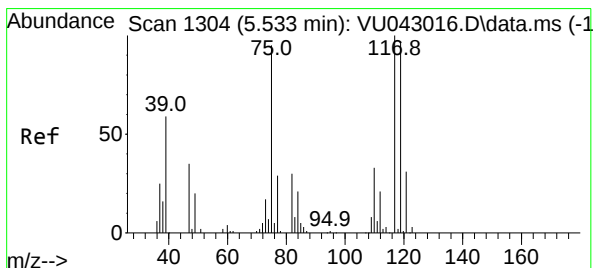
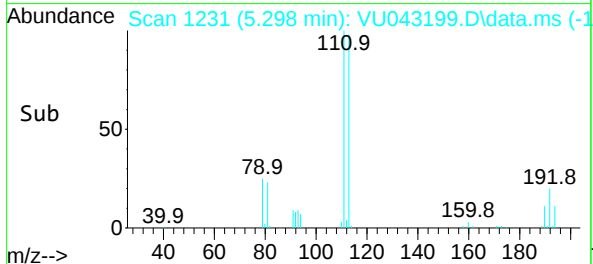
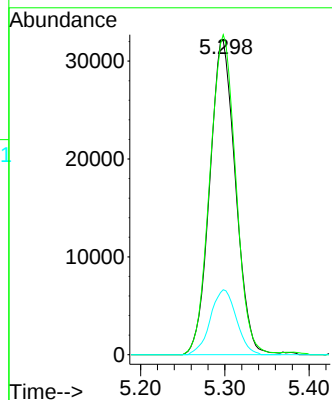
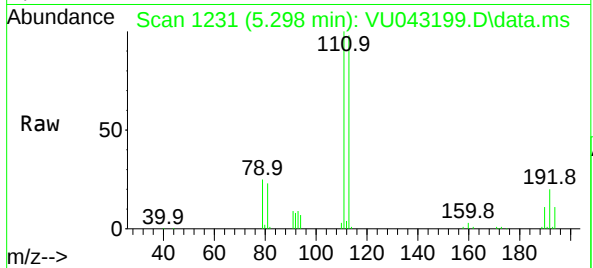




#35
Dibromofluoromethane
Concen: 46.16 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

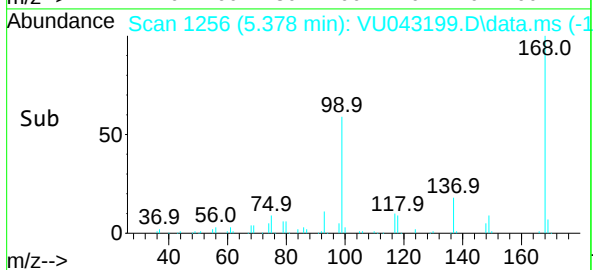
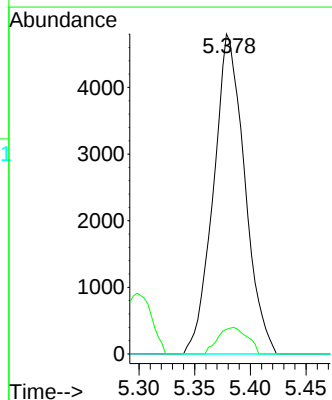
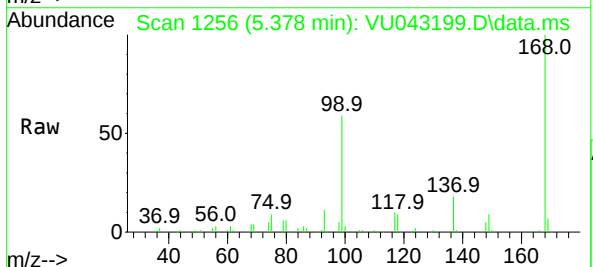
Instrument :
MSVOA_U
ClientSampleId :

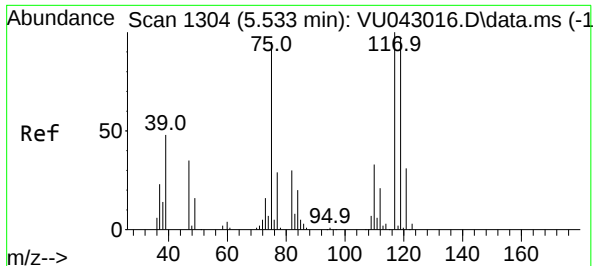
Tgt Ion:113 Resp: 68218
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 20.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

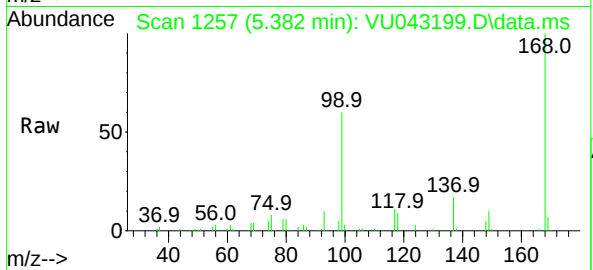
Tgt Ion: 75 Resp: 9350
Ion Ratio Lower Upper
75 100
110 7.8 16.8 50.3#
77 0.0 24.8 37.2#



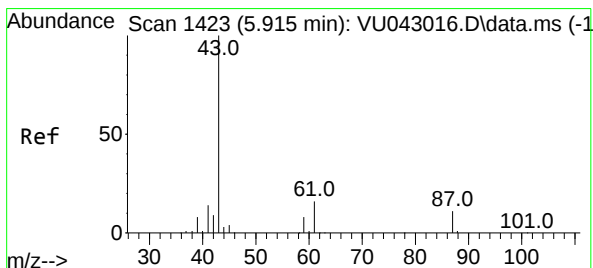
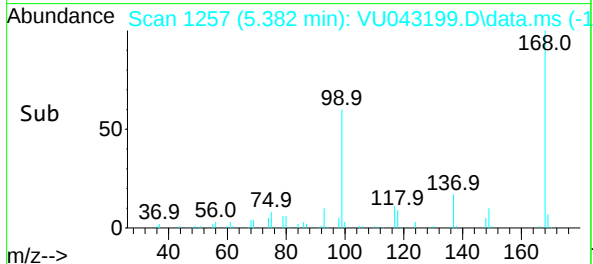
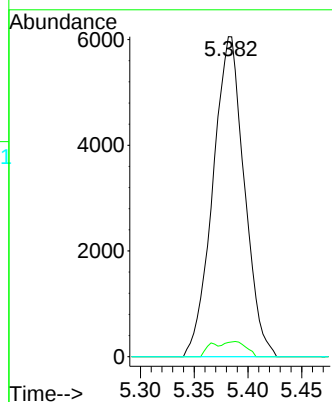


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Instrument :
MSVOA_U
ClientSampleId :

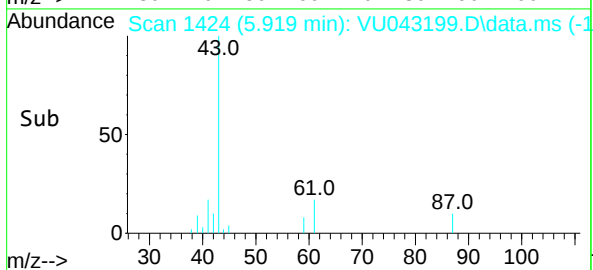
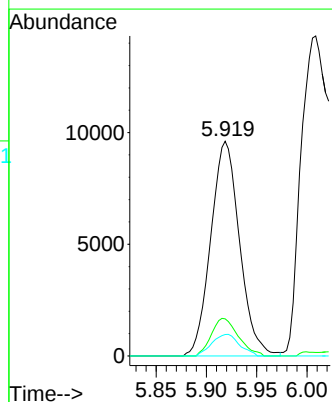
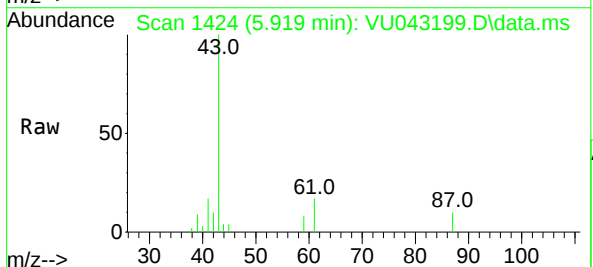


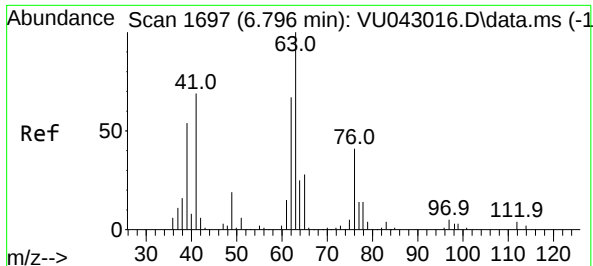
Tgt Ion:117 Resp: 12301
Ion Ratio Lower Upper
117 100
119 4.4 75.5 113.3#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 3.76 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 43 Resp: 19151
Ion Ratio Lower Upper
43 100
61 16.4 14.4 21.6
87 9.6 8.8 13.2

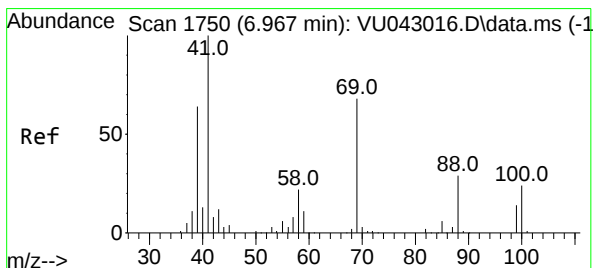
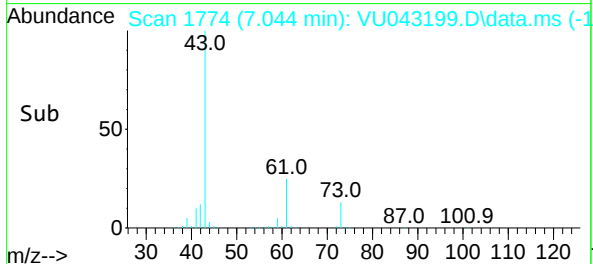
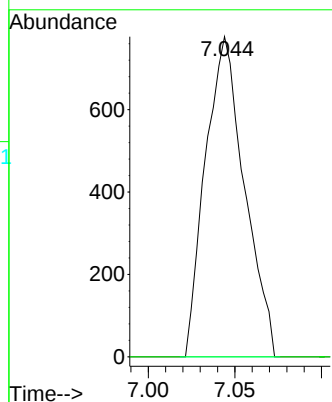
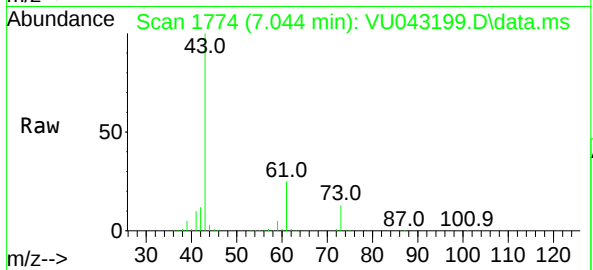




#45
1,2-Dichloropropane
Concen: 0.73 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.248 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

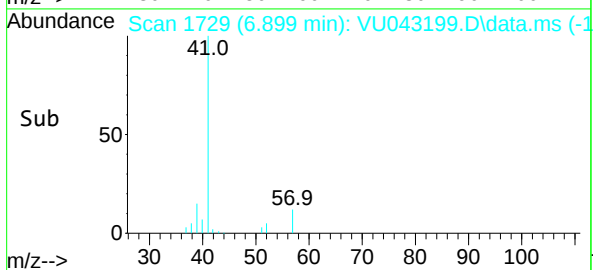
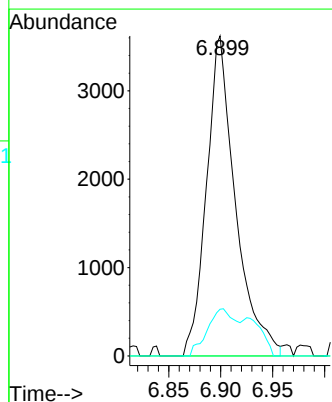
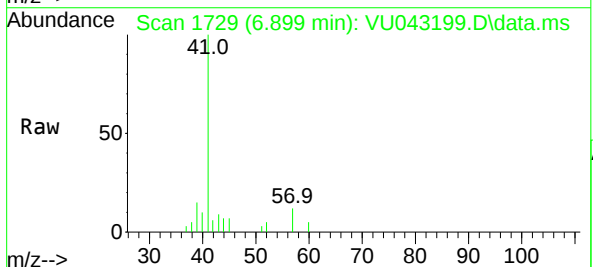
Instrument :
MSVOA_U
ClientSampled :

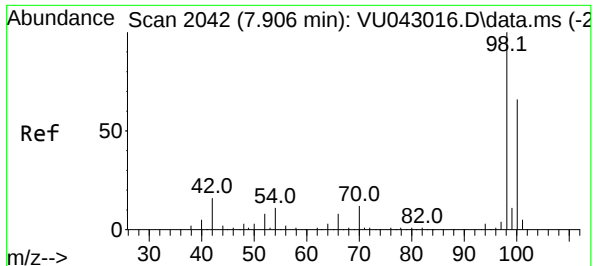
Tgt Ion: 63 Resp: 1219
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#



#48
Methyl methacrylate
Concen: 2.75 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 41 Resp: 7024
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#





#50

Toluene-d8

Concen: 48.18 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043199.D

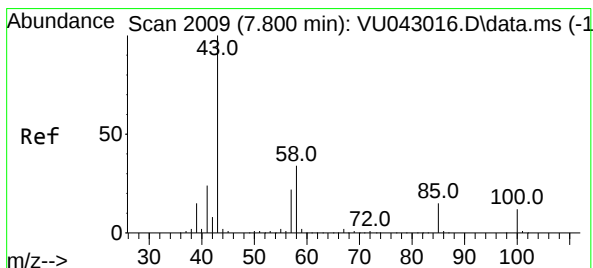
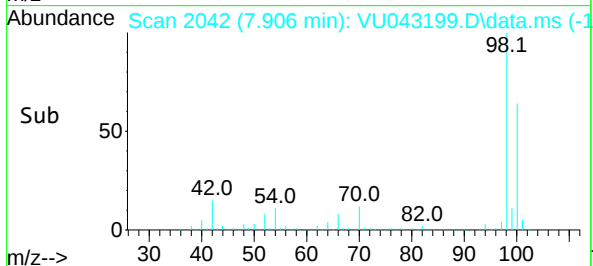
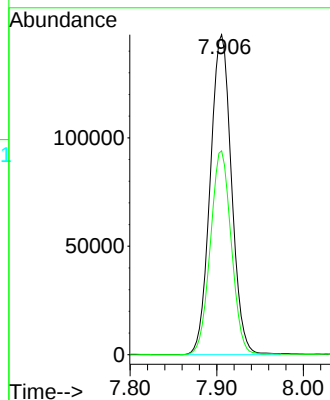
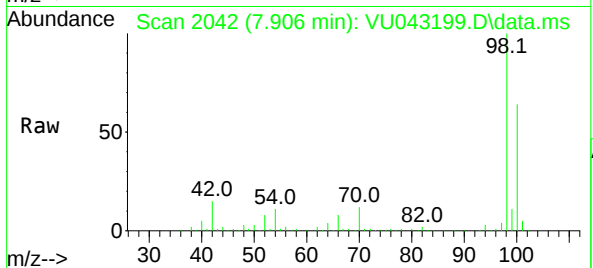
Acq: 19 Apr 2021 17:12

Tgt Ion: 98 Resp: 251937

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 1.39 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.004 min

Lab File: VU043199.D

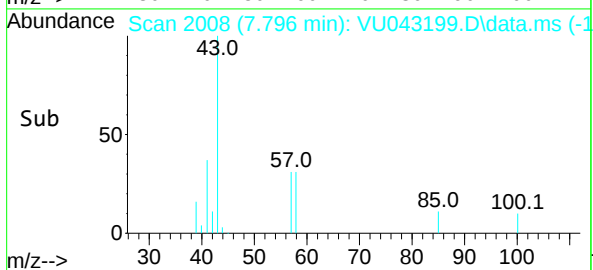
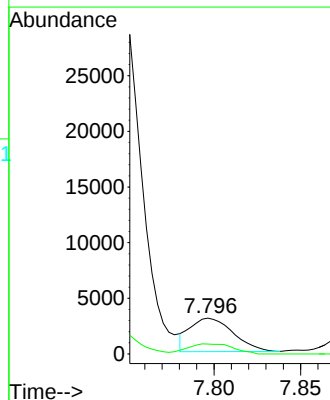
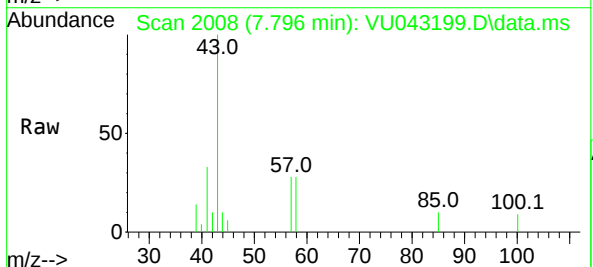
Acq: 19 Apr 2021 17:12

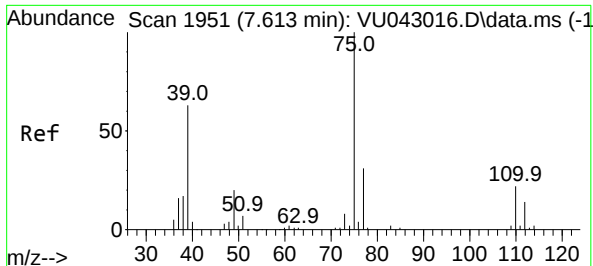
Tgt Ion: 43 Resp: 5219

Ion Ratio Lower Upper

43 100

58 31.8 28.1 42.1

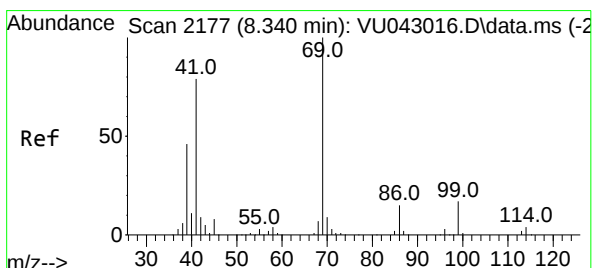
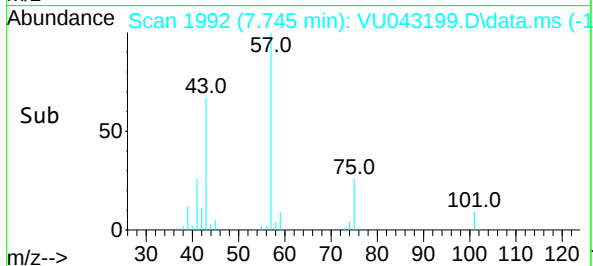
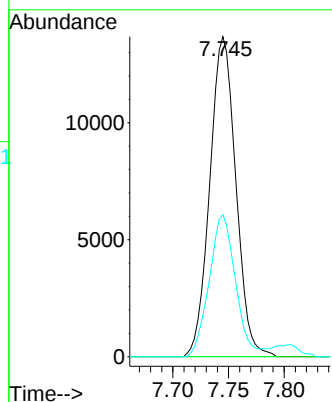
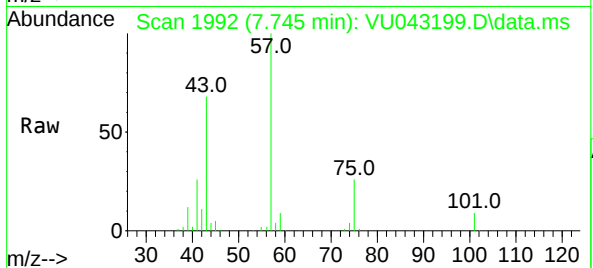




#54
 cis-1,3-Dichloropropene
 Concen: 8.51 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU043199.D
 Acq: 19 Apr 2021 17:12

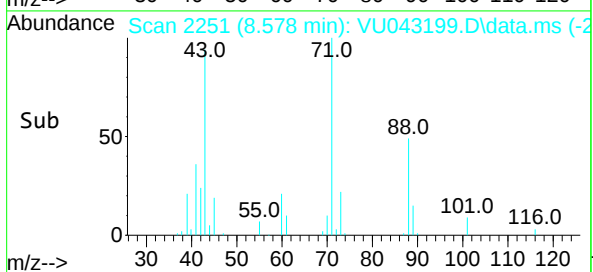
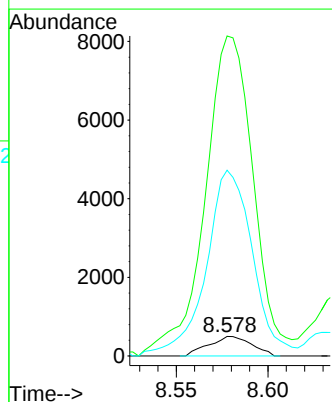
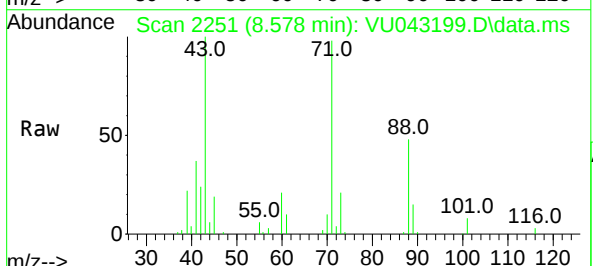
Instrument :
 MSVOA_U
 ClientSampled :

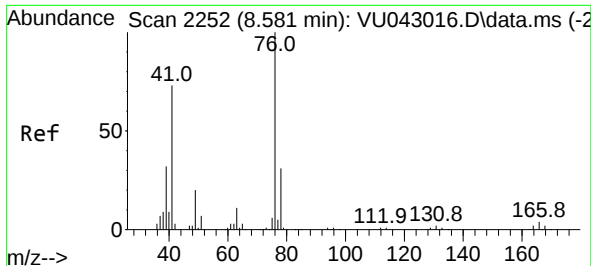
Tgt Ion: 75 Resp: 22256
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 37.0#
 39 44.4 46.1 69.1#



#56
 Ethyl methacrylate
 Concen: 0.31 ug/l
 RT: 8.578 min Scan# 2251
 Delta R.T. 0.238 min
 Lab File: VU043199.D
 Acq: 19 Apr 2021 17:12

Tgt Ion: 69 Resp: 809
 Ion Ratio Lower Upper
 69 100
 41 1834.7 62.8 94.2#
 39 1031.9 36.2 54.2#

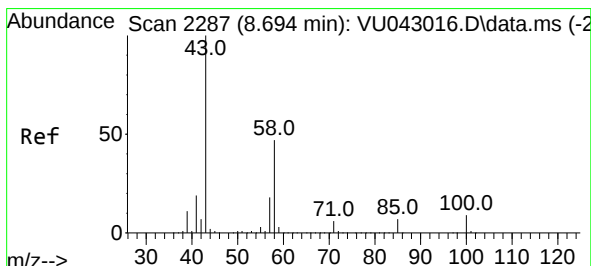
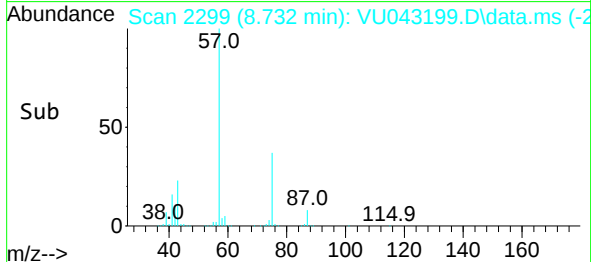
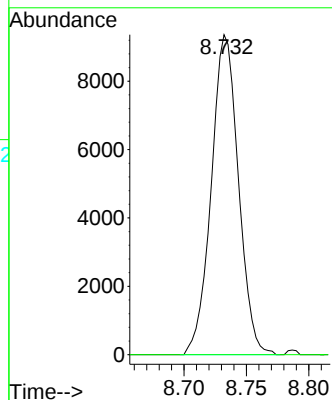
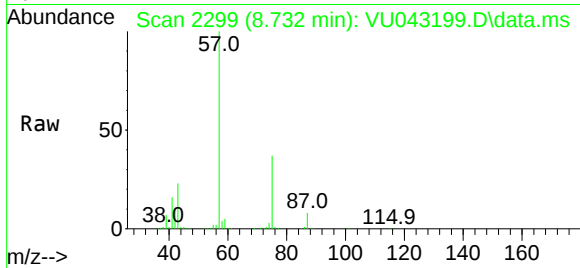




#57
1,3-Dichloropropane
Concen: 5.19 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

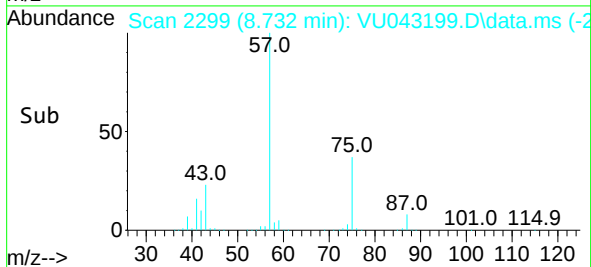
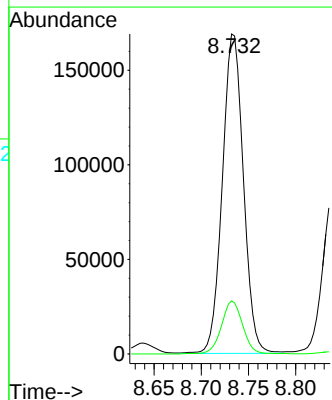
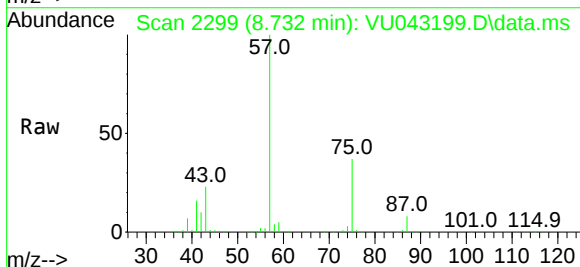
Instrument :
MSVOA_U
ClientSampleId :

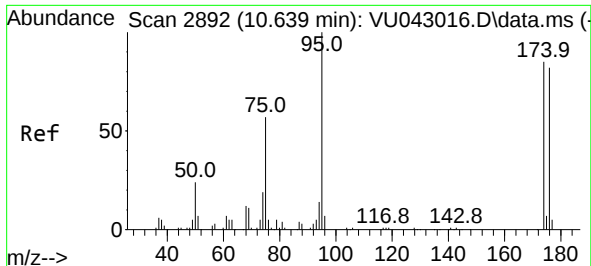
Tgt Ion: 76 Resp: 14227
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 84.42 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 43 Resp: 261665
Ion Ratio Lower Upper
43 100
58 16.7 24.0 72.0#

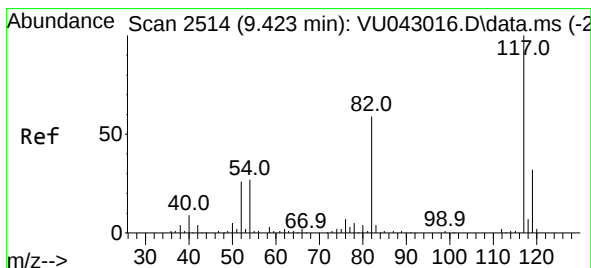
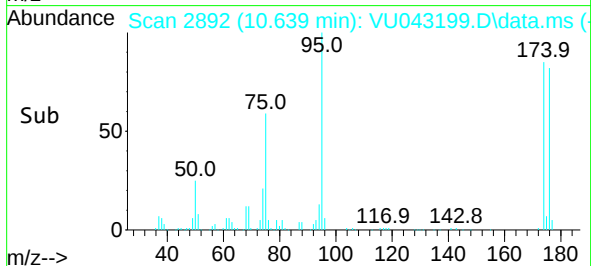
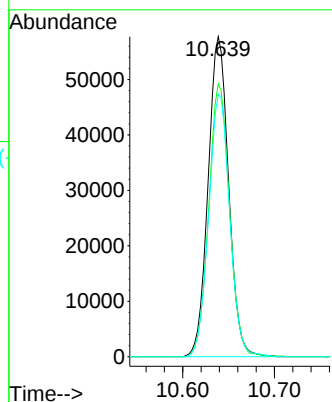
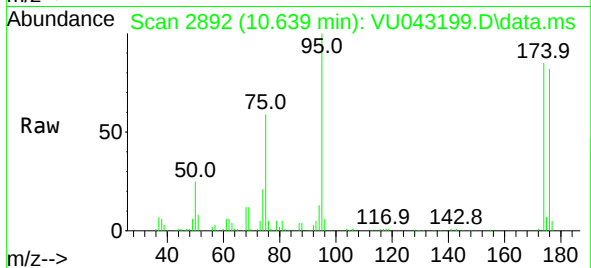




#62
4-Bromofluorobenzene
Concen: 42.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

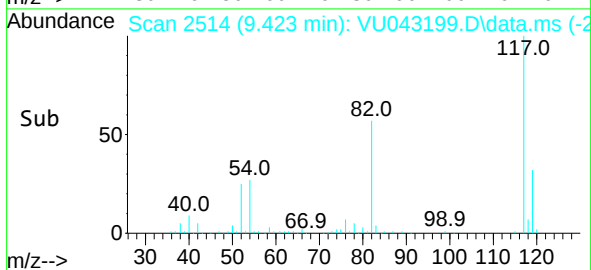
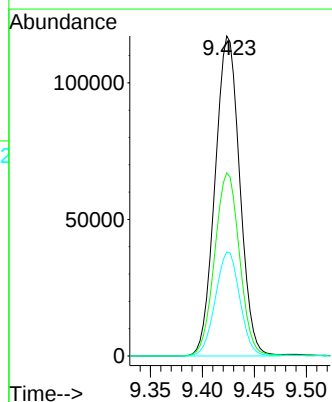
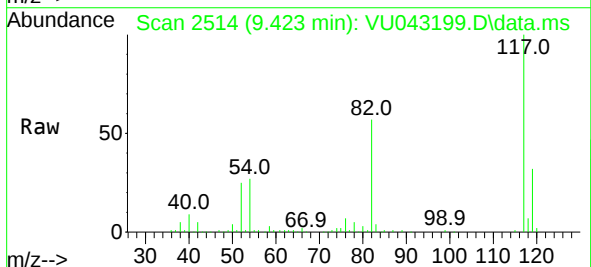
Instrument :
MSVOA_U
ClientSampleId :

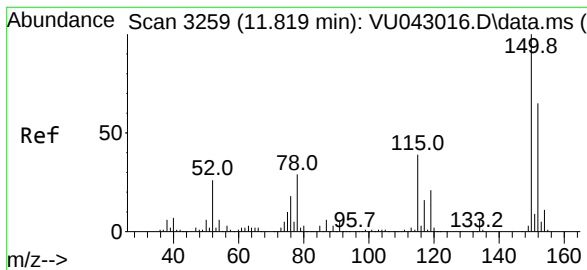
Tgt Ion: 95 Resp: 89664
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 83.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 117 Resp: 193584
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.5 25.8 38.8

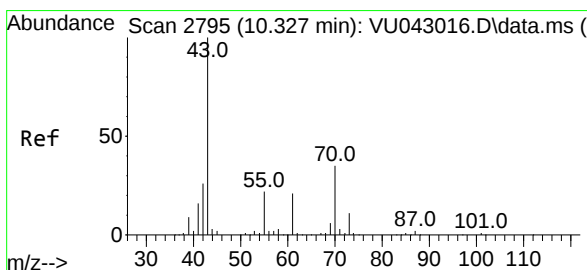
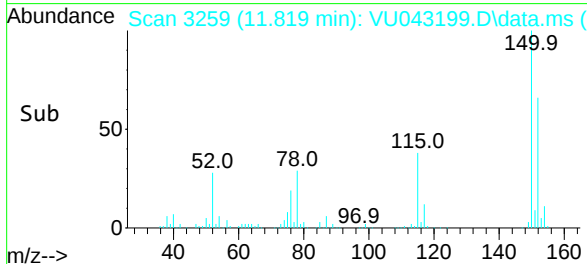
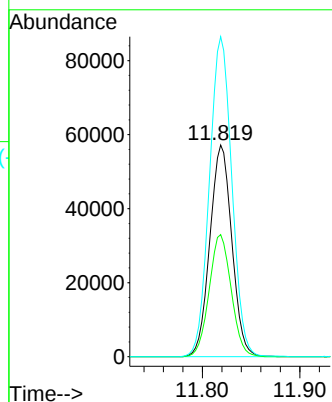
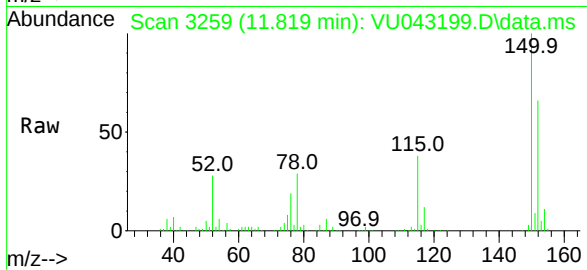




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

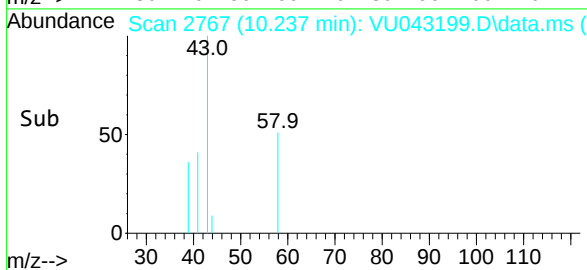
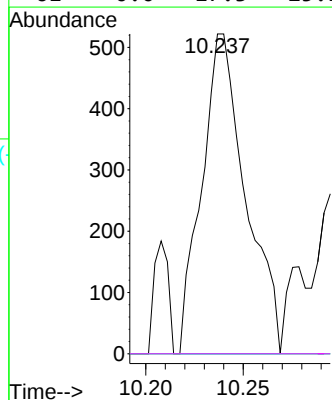
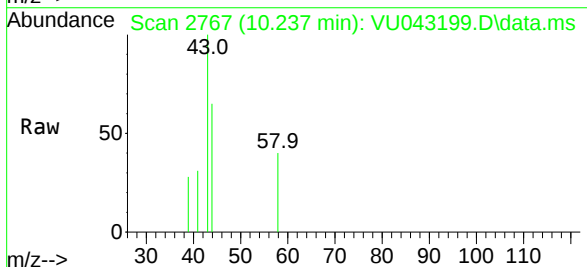
Instrument :
MSVOA_U
ClientSampled :

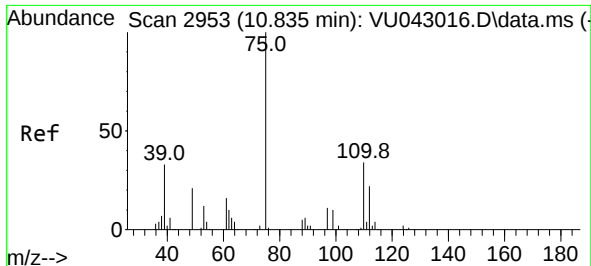
Tgt Ion:152 Resp: 89593
Ion Ratio Lower Upper
152 100
115 57.8 41.5 124.6
150 154.0 0.0 342.4



#74
N-ethyl acetate
Concen: 0.21 ug/l
RT: 10.237 min Scan# 2767
Delta R.T. -0.090 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.2 25.8#
61 0.0 17.3 25.9#

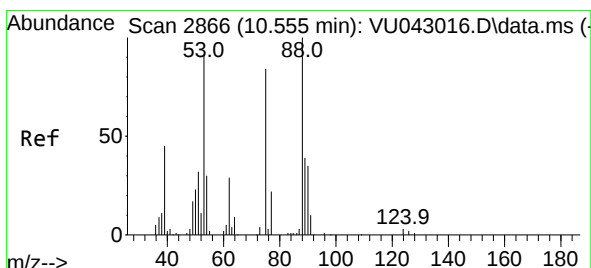
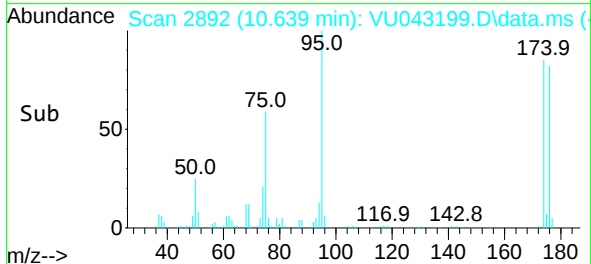
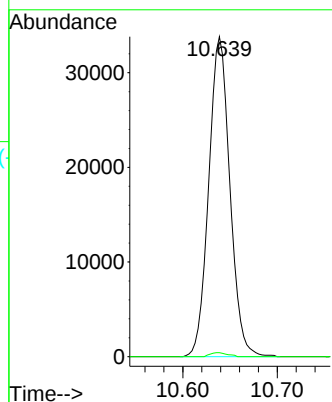
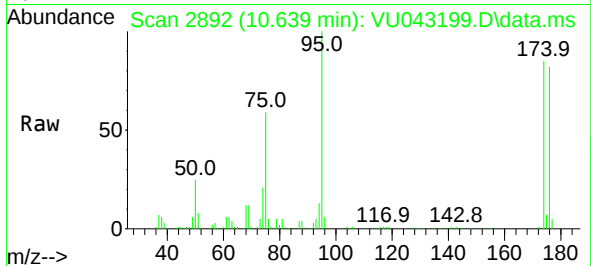




#76
1,2,3-Trichloropropane
Concen: 20.11 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

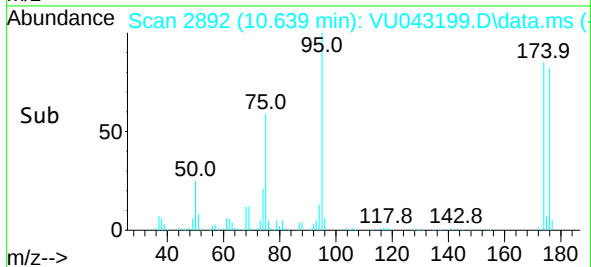
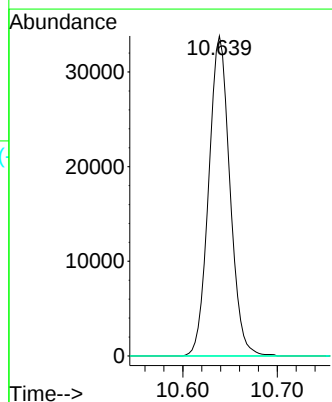
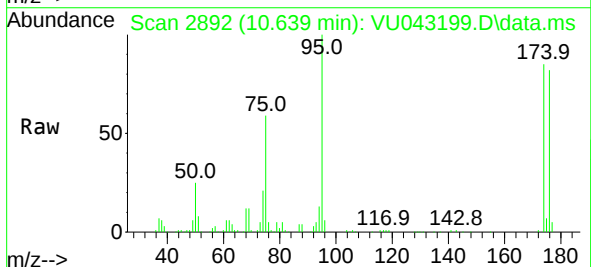
Instrument :
MSVOA_U
ClientSampled :

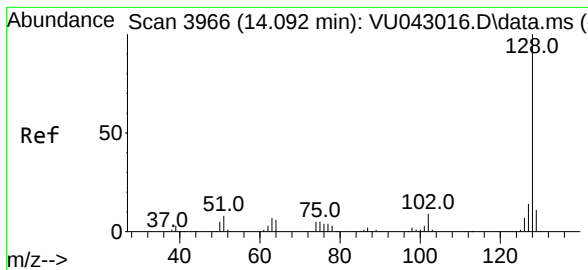
Tgt Ion: 75 Resp: 52636
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043199.D
Acq: 19 Apr 2021 17:12

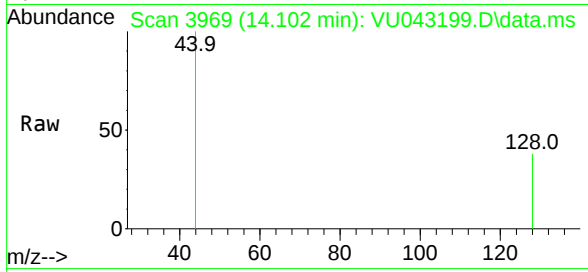
Tgt Ion: 75 Resp: 52636
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.75 ug/l
 RT: 14.102 min Scan# 3969
 Delta R.T. 0.010 min
 Lab File: VU043199.D
 Acq: 19 Apr 2021 17:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 93
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

