

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043376.D
 Acq On : 28 Apr 2021 11:10
 Operator : SY/MD
 Sample : VU0428WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0428WBL02

Quant Time: Apr 29 08:35:53 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)

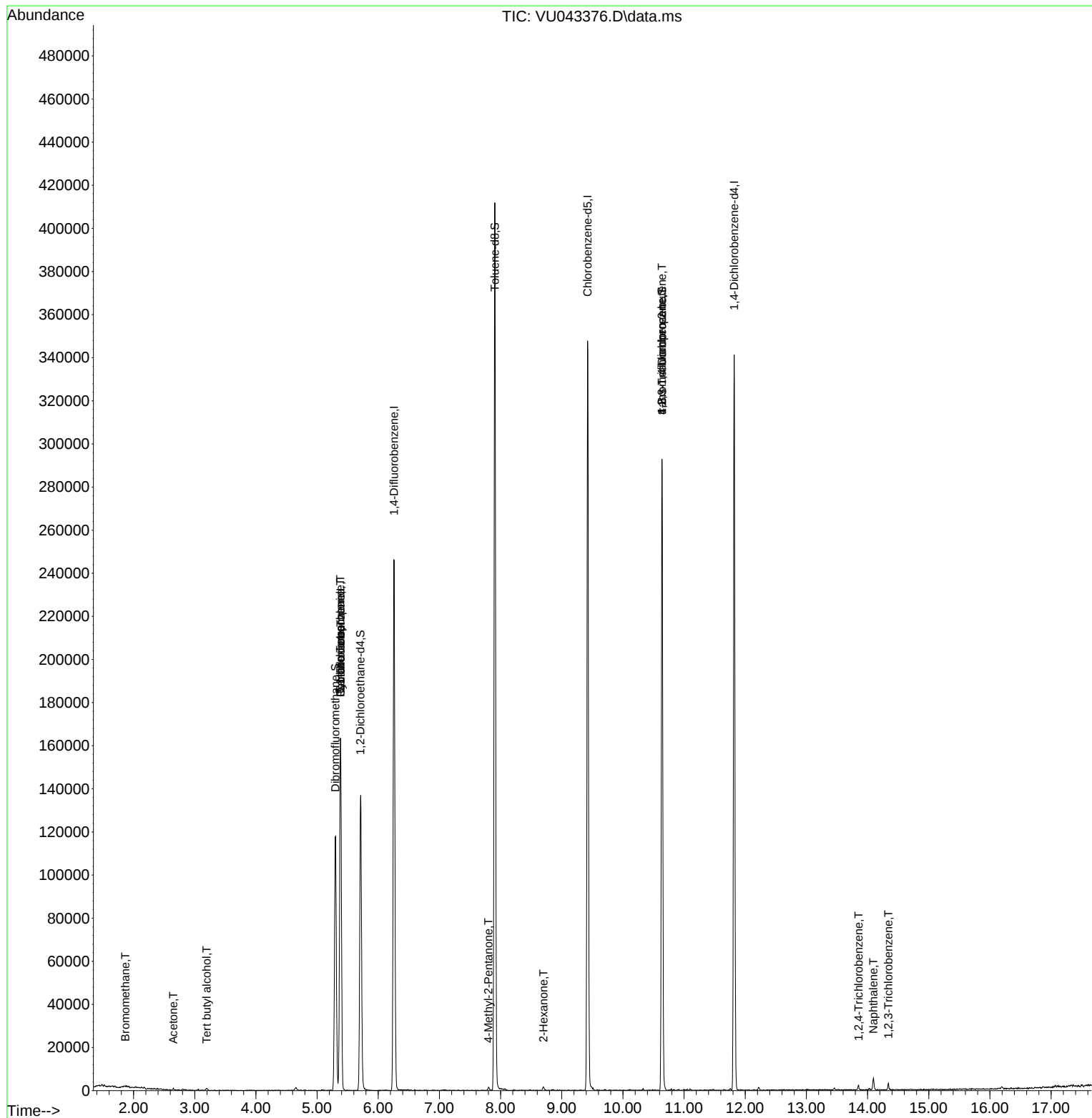
Internal Standards						
1) Pentafluorobenzene	5.385	168	110300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	184671	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	176264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	105063	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	5.301	113	72263	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	7.906	98	253036	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	10.639	95	87010	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	519	Below Cal	#	86
5) Bromomethane	1.867	94	152	0.22 ug/l	#	69
11) Tert butyl alcohol	3.195	59	645	1.35 ug/l	#	94
16) Acetone	2.649	43	1028	0.64 ug/l		100
31) Cyclohexane	5.385	56	3074	1.34 ug/l	#	49
36) 1,1-Dichloropropene	5.382	75	9486	4.84 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	11420	5.44 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.803	43	1228	0.35 ug/l		88
59) 2-Hexanone	8.700	43	1576	0.54 ug/l		93
76) 1,2,3-Trichloropropane	10.639	75	49333	20.32 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	49333	59.71 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.851	180	855	1.94 ug/l		93
94) Hexachlorobutadiene	14.024	225	206	Below Cal		91
95) Naphthalene	14.095	128	4905	3.51 ug/l		98
96) 1,2,3-Trichlorobenzene	14.339	180	1107	2.04 ug/l		92

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

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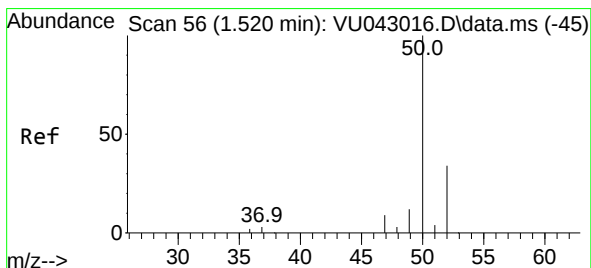
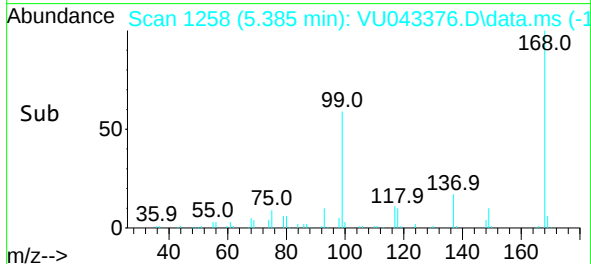
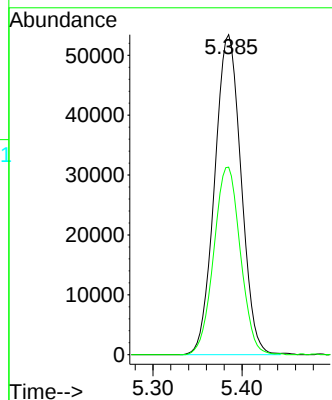
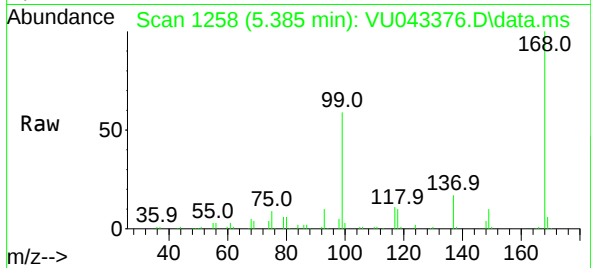




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

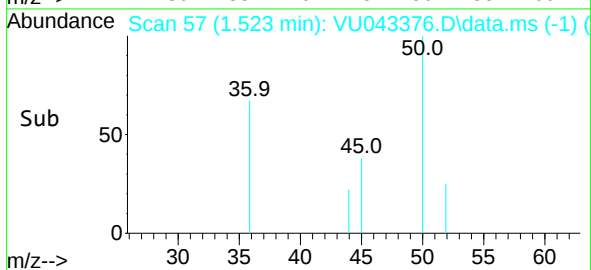
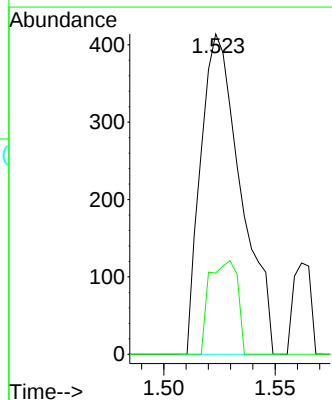
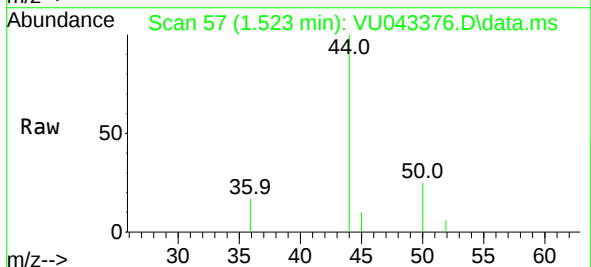
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

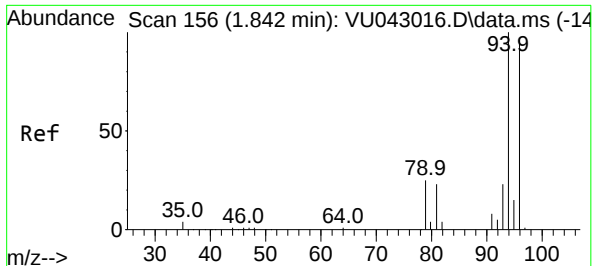
Tgt Ion:168 Resp: 110300
Ion Ratio Lower Upper
168 100
99 58.6 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion: 50 Resp: 519
Ion Ratio Lower Upper
50 100
52 25.4 26.6 40.0#

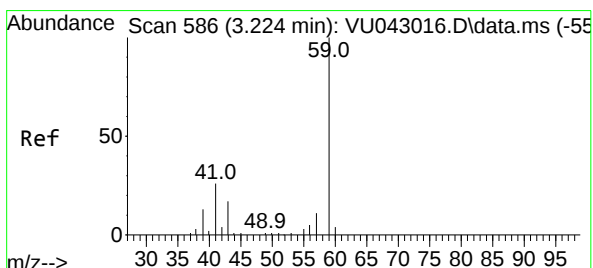
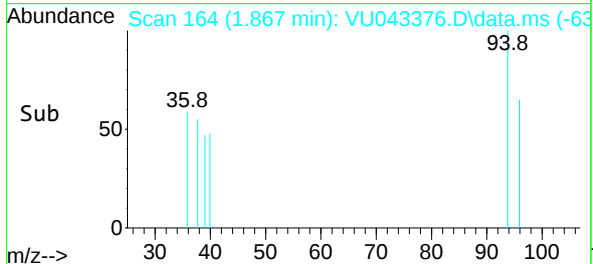
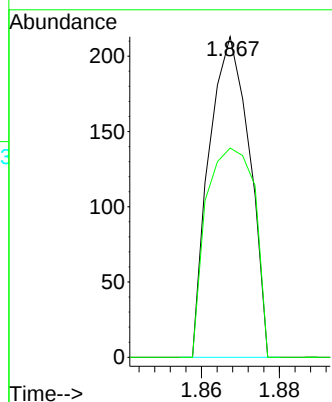
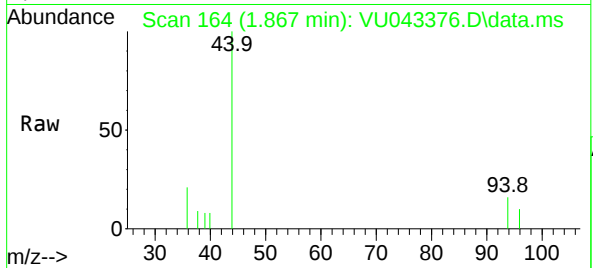




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.025 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

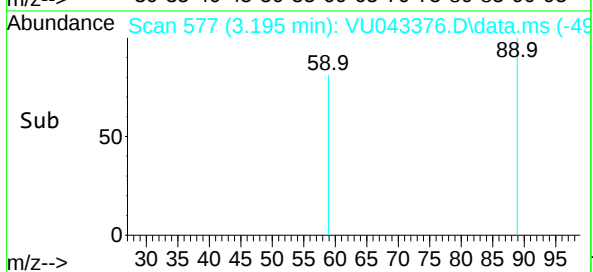
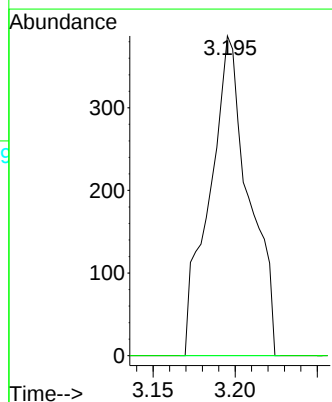
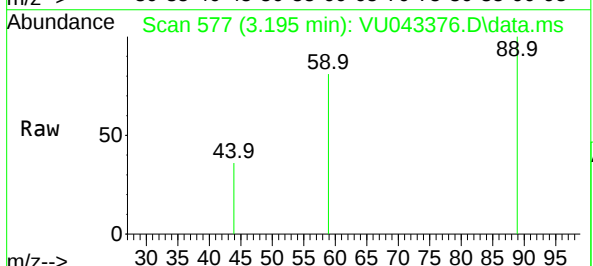
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 65.3 76.6 115.0#



#11
Tert butyl alcohol
Concen: 1.35 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion: 59 Resp: 645
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

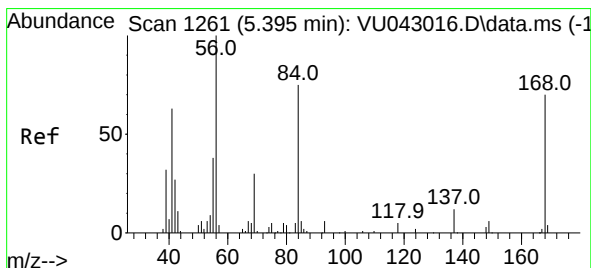
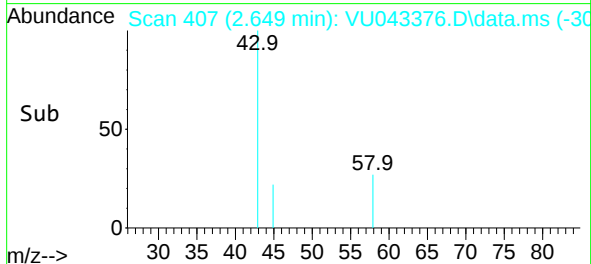
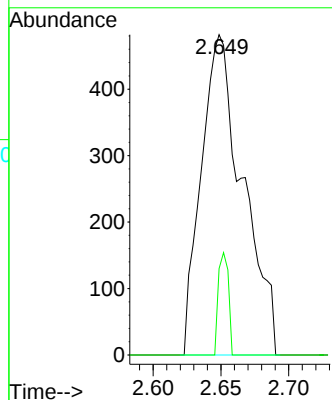
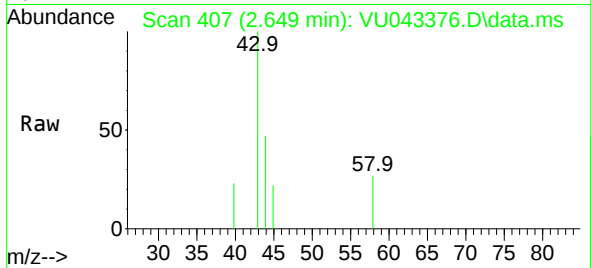




#16
Acetone
Concen: 0.64 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.020 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

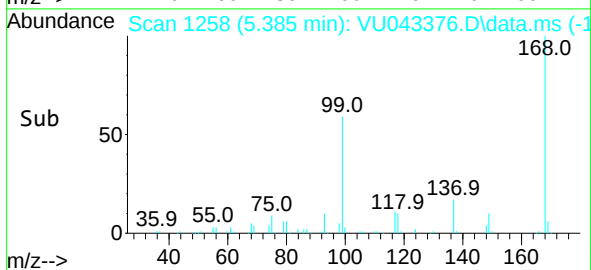
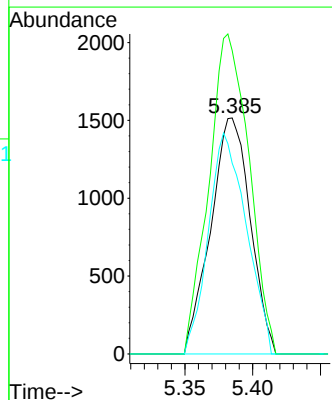
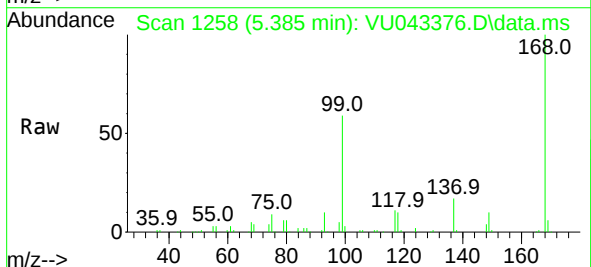
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

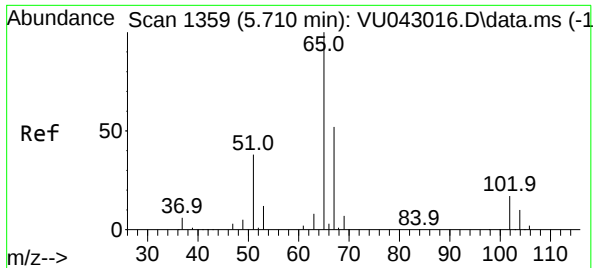
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 27.0 21.5 32.3



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion: 56 Resp: 3074
Ion Ratio Lower Upper
56 100
69 128.6 24.9 37.3#
84 80.9 63.7 95.5



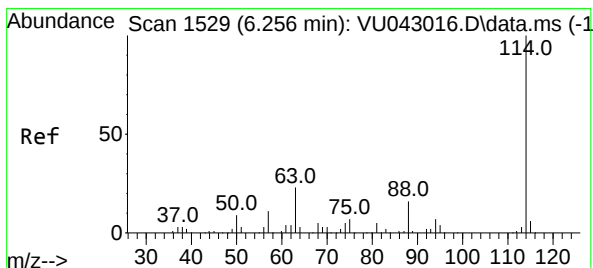
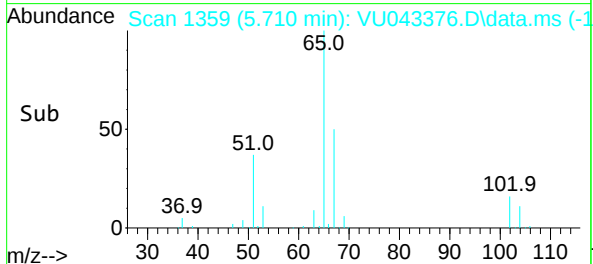
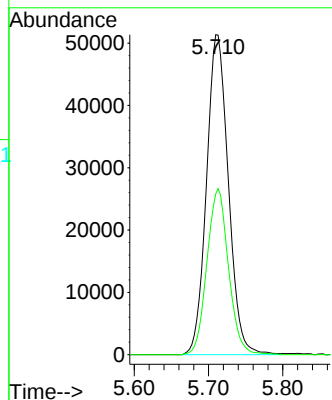
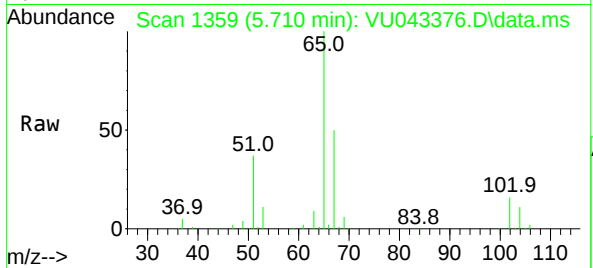


#33

1,2-Dichloroethane-d4
Concen: 56.66 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

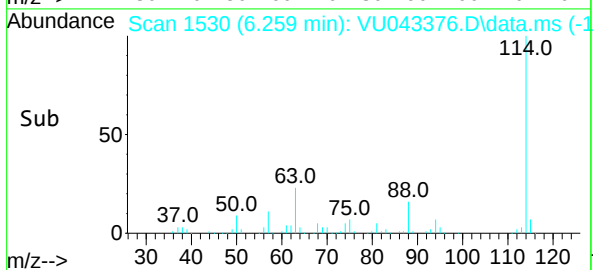
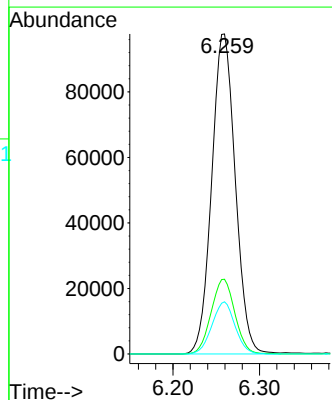
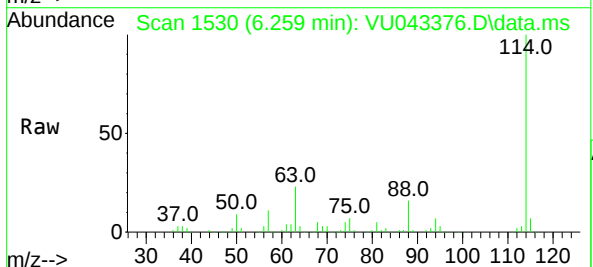
Tgt Ion: 65 Resp: 105063
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.8

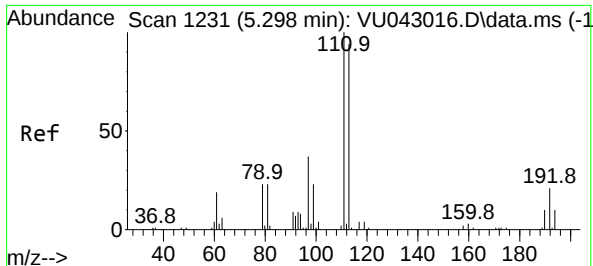


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion: 114 Resp: 184671
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.2
88 16.3 0.0 33.4

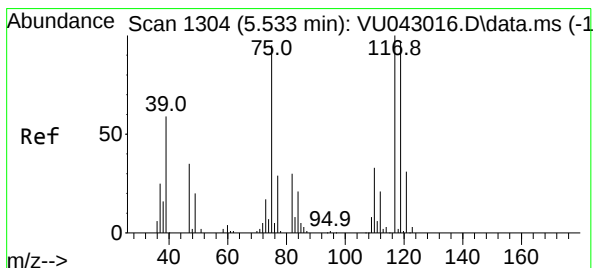
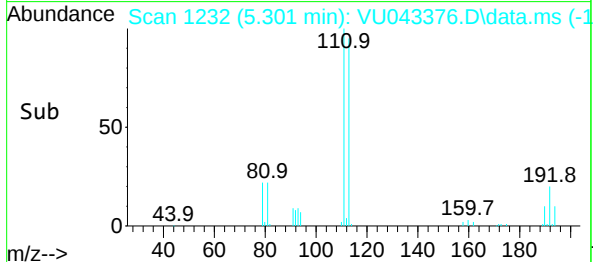
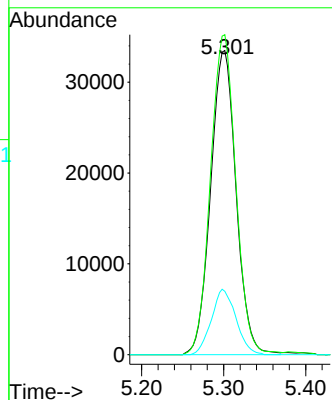
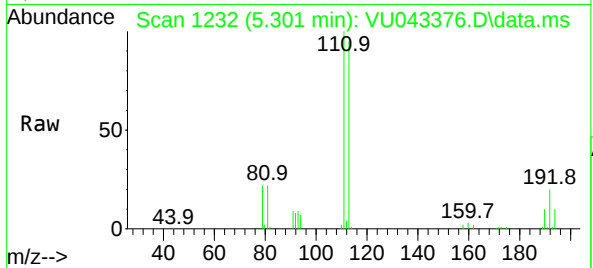




#35
Dibromofluoromethane
Concen: 52.08 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

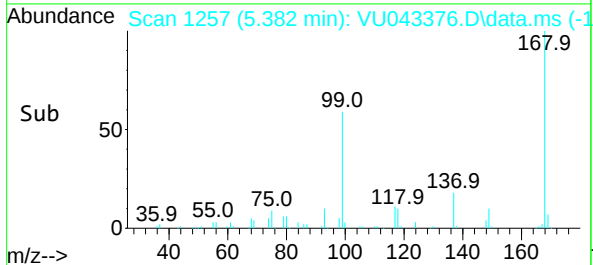
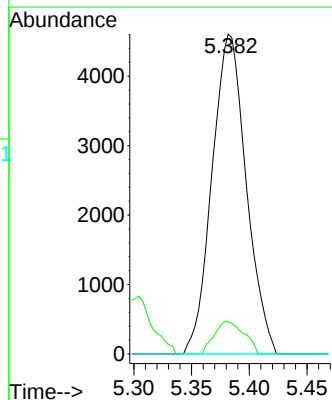
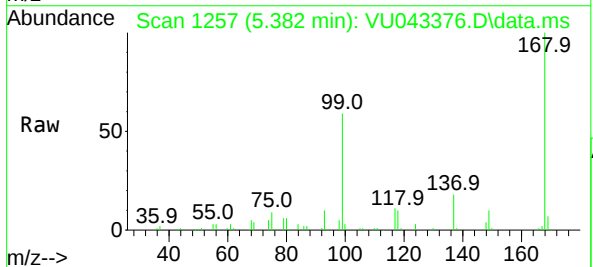
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

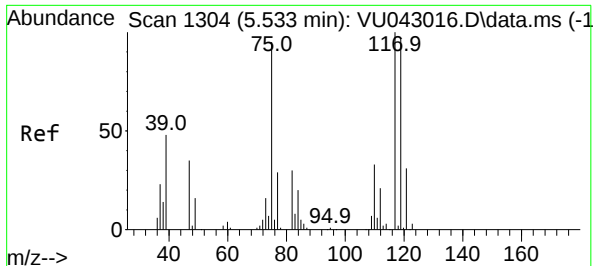
Tgt Ion:113 Resp: 72263
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.8
192 20.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

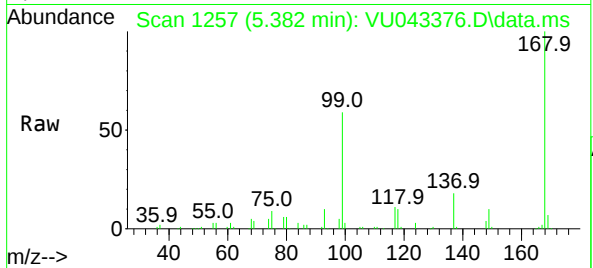
Tgt Ion: 75 Resp: 9486
Ion Ratio Lower Upper
75 100
110 8.9 16.8 50.3#
77 0.0 24.8 37.2#



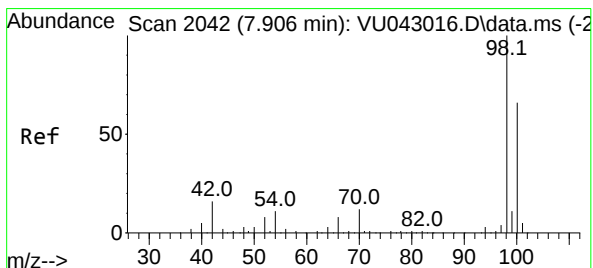
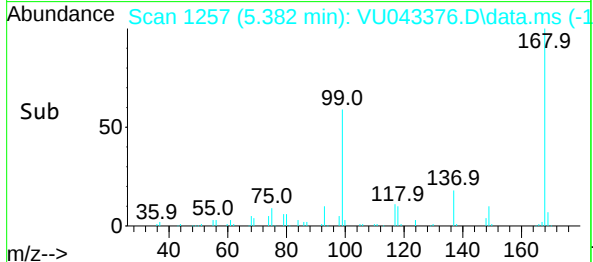
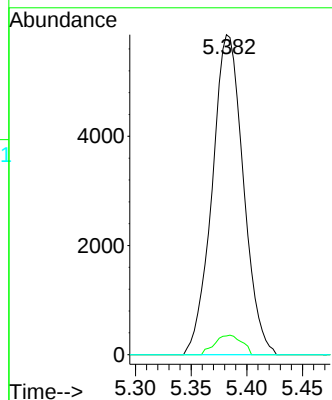


#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

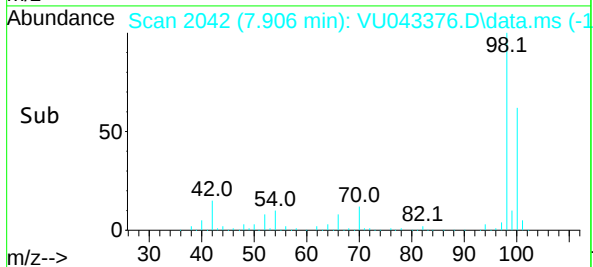
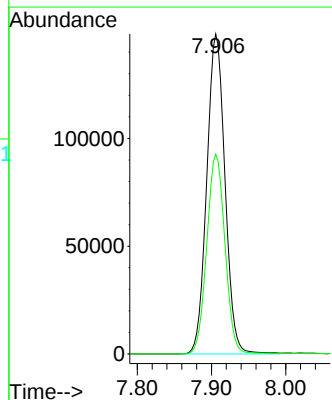
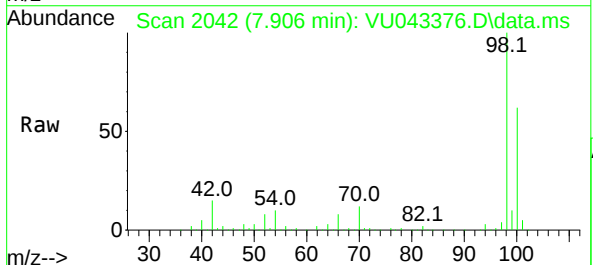


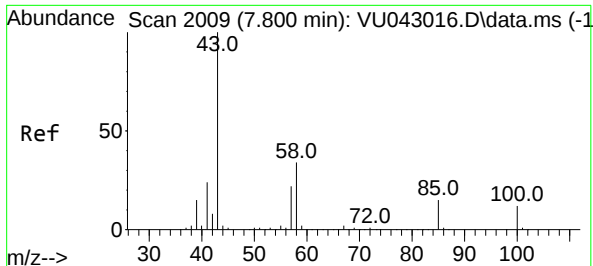
Tgt Ion:117 Resp: 11420
Ion Ratio Lower Upper
117 100
119 5.9 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.53 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion: 98 Resp: 253036
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

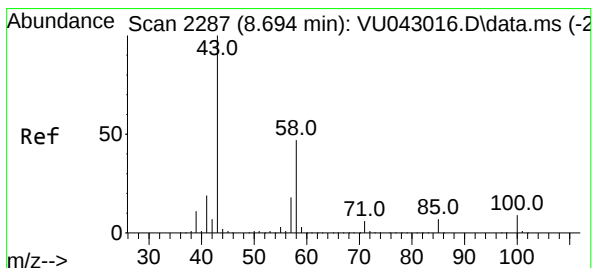
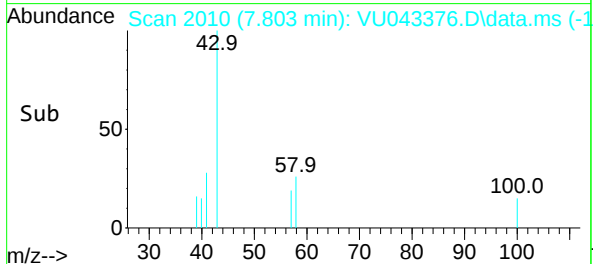
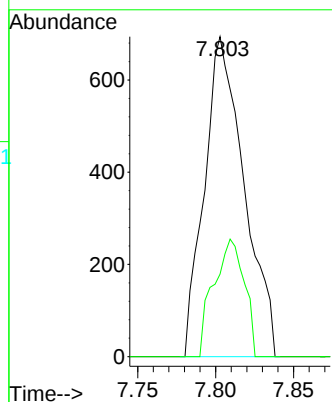
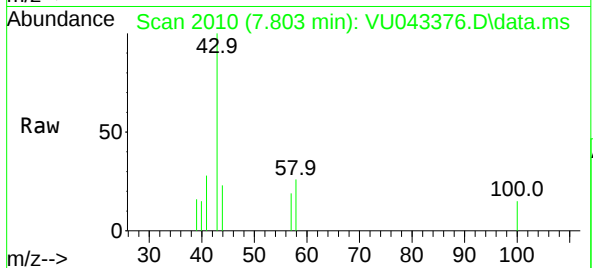




#51
4-Methyl-2-Pentanone
Concen: 0.35 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

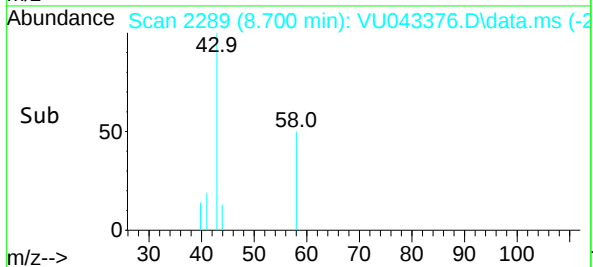
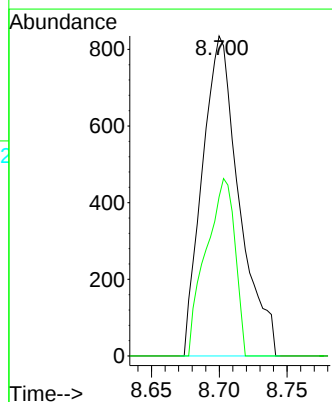
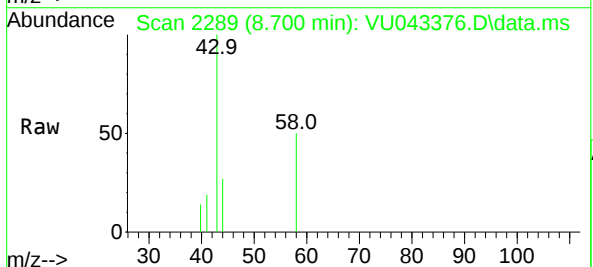
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

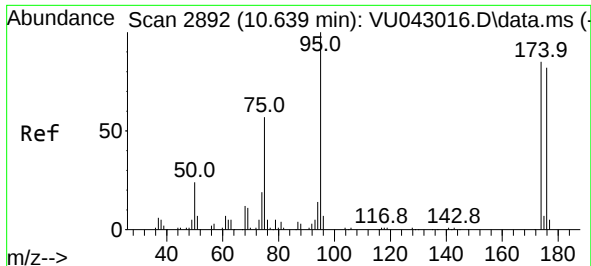
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 28.3 28.1 42.1



#59
2-Hexanone
Concen: 0.54 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 43.6 24.0 72.0

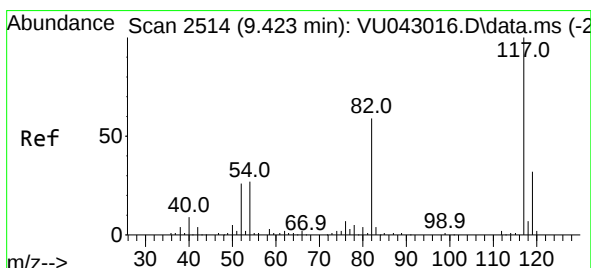
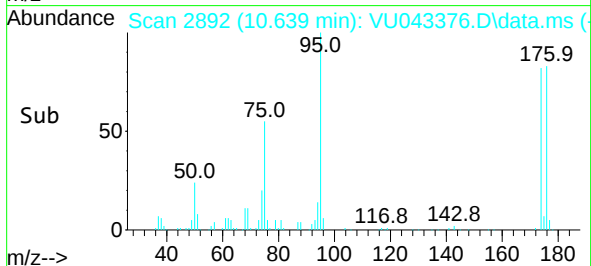
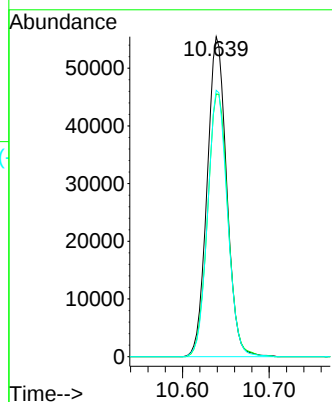
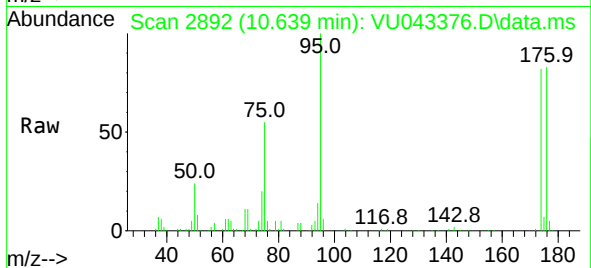




#62
4-Bromofluorobenzene
Concen: 44.25 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

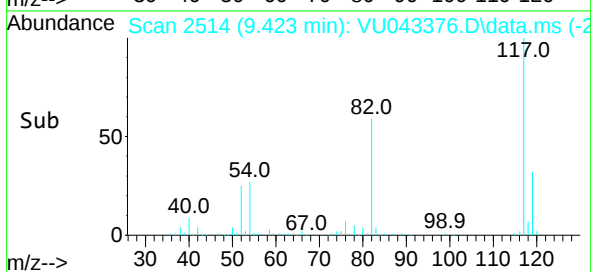
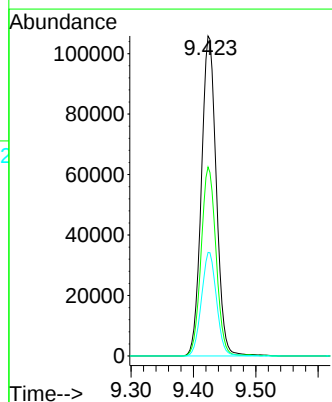
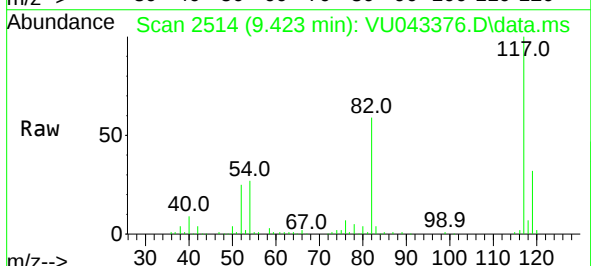
Instrument :
MSVOA_U
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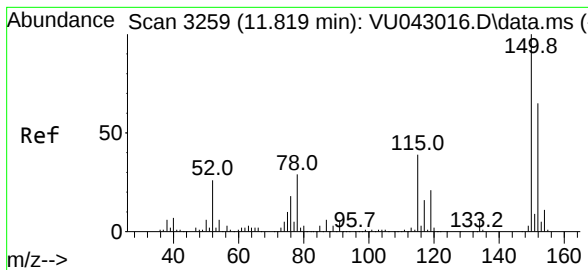
Tgt Ion:	95	Resp:	87010
Ion Ratio	Lower	Upper	
95	100		
174	85.5	0.0	172.2
176	84.3	0.0	168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion:	117	Resp:	176264
Ion Ratio	Lower	Upper	
117	100		
82	59.1	45.8	68.6
119	32.3	25.8	38.8

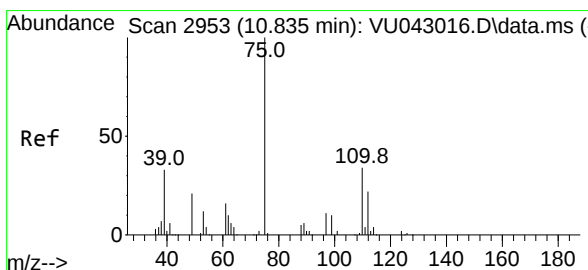
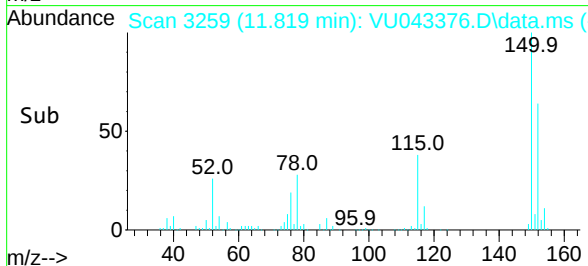
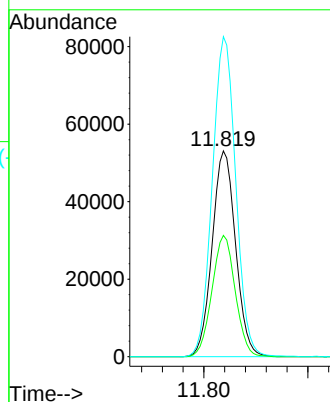
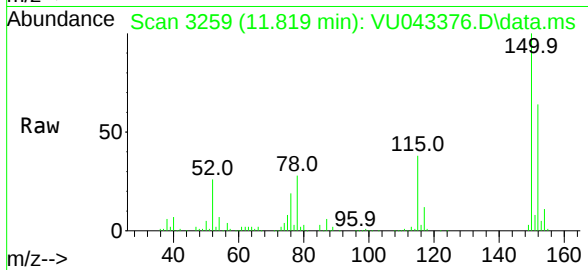




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043376.D
 Acq: 28 Apr 2021 11:10

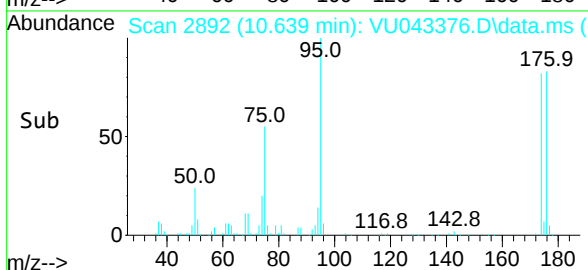
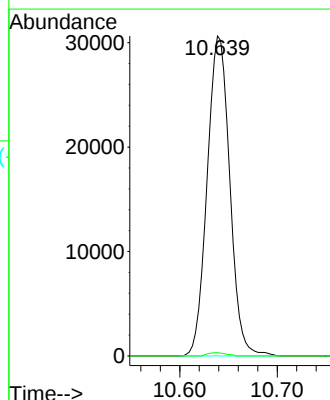
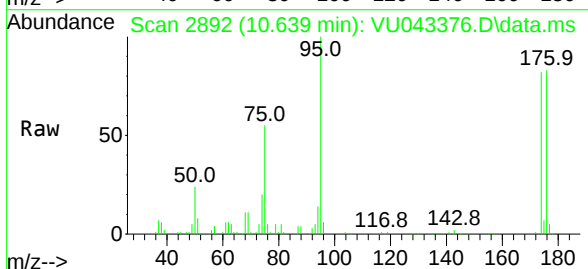
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0428WBL02

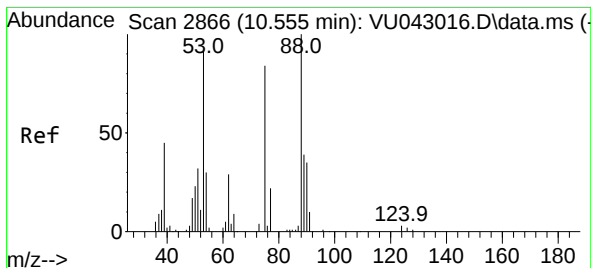
Tgt Ion:152 Resp: 83081
 Ion Ratio Lower Upper
 152 100
 115 58.4 41.5 124.6
 150 155.4 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.32 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043376.D
 Acq: 28 Apr 2021 11:10

Tgt Ion: 75 Resp: 49333
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

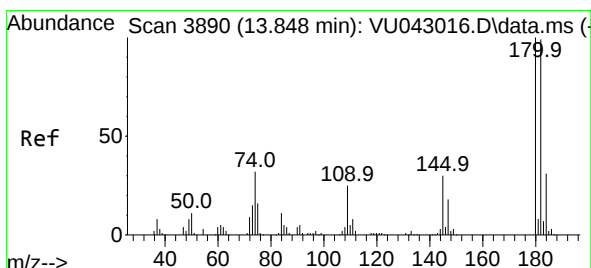
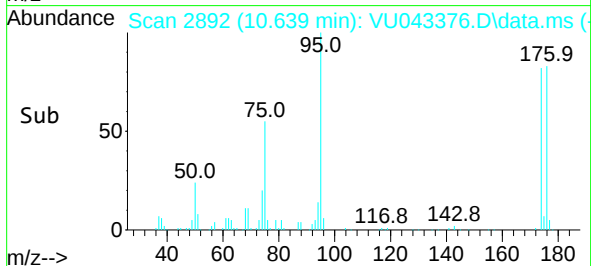
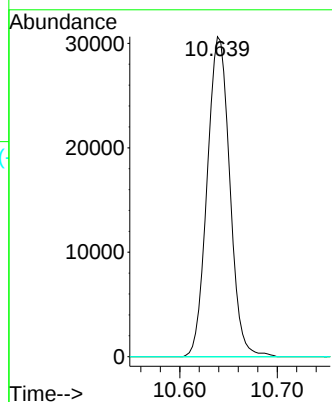
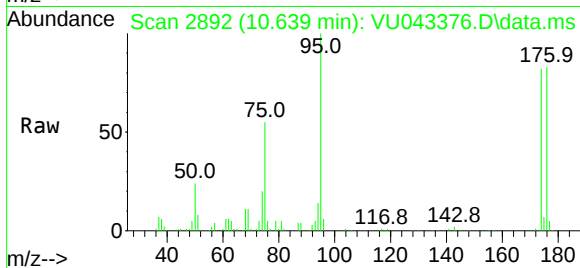




#81
trans-1,4-Dichloro-2-butene
Concen: 59.71 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

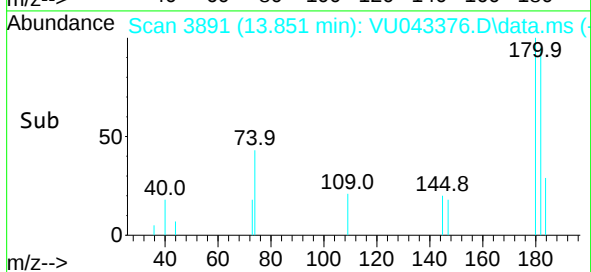
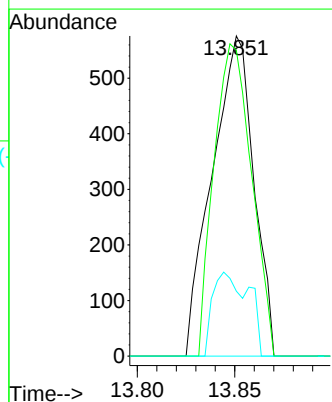
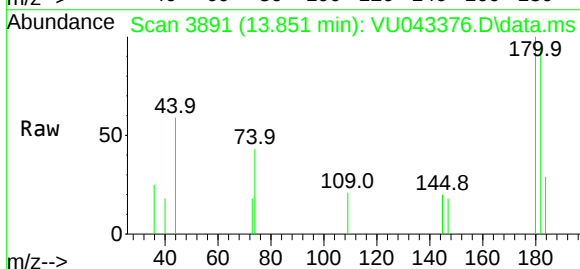
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

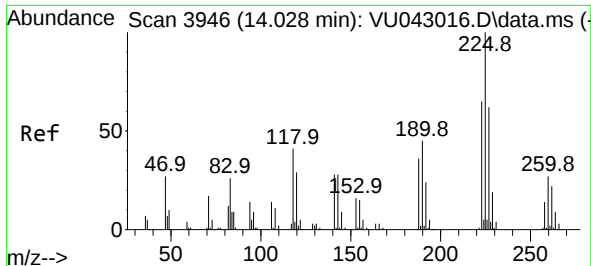
Tgt Ion: 75 Resp: 49333
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.94 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion:180 Resp: 855
Ion Ratio Lower Upper
180 100
182 88.2 46.9 140.8
145 22.5 14.4 43.4

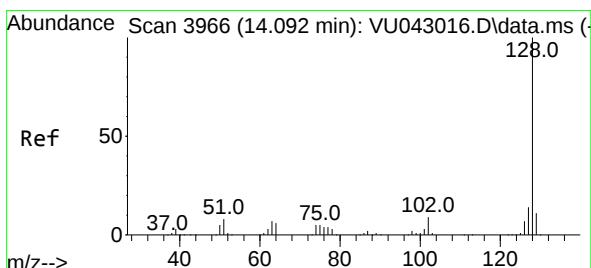
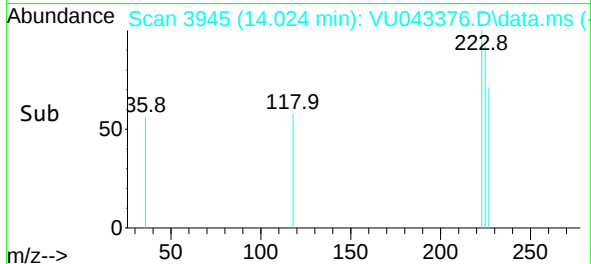
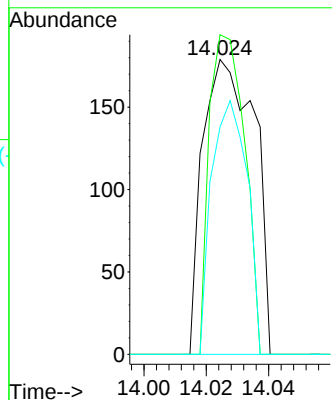
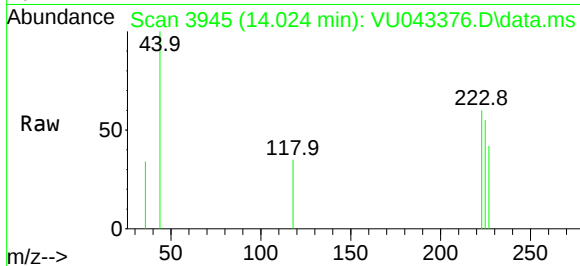




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.024 min Scan# 3945
Delta R.T. -0.004 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

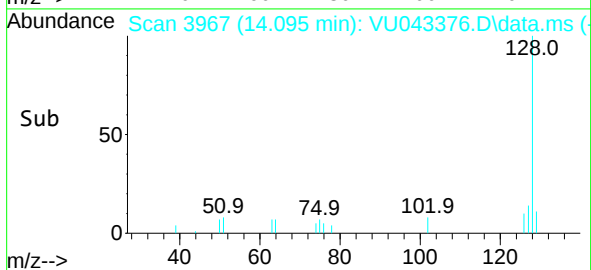
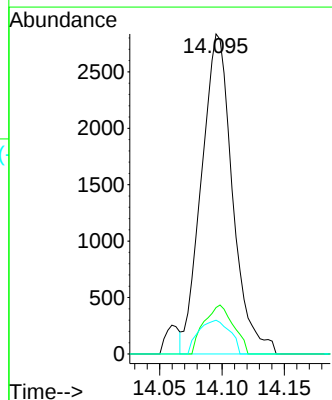
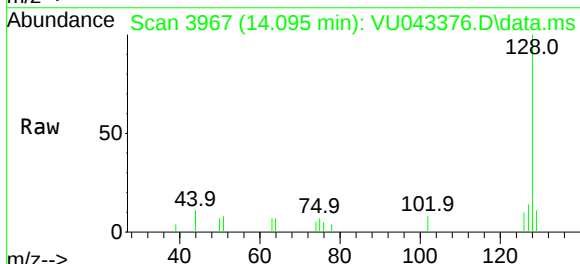
Instrument :
MSVOA_U
ClientSampleId :
VU0428WBL02

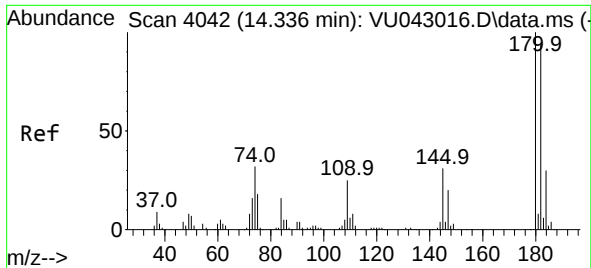
Tgt Ion:	225	Resp:	206
Ion	Ratio	Lower	Upper
225	100		
223	74.3	32.3	96.9
227	59.2	31.8	95.4



#95
Naphthalene
Concen: 3.51 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043376.D
Acq: 28 Apr 2021 11:10

Tgt Ion:	128	Resp:	4905
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.8	16.2
129	10.6	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.04 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043376.D
 Acq: 28 Apr 2021 11:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0428WBL02

Tgt Ion:180 Resp: 1107
 Ion Ratio Lower Upper
 180 100
 182 101.2 48.0 144.0
 145 22.9 15.5 46.5

