

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043191.D
 Acq On : 19 Apr 2021 14:08
 Operator : SY/MD
 Sample : M2077-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:55:10 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)

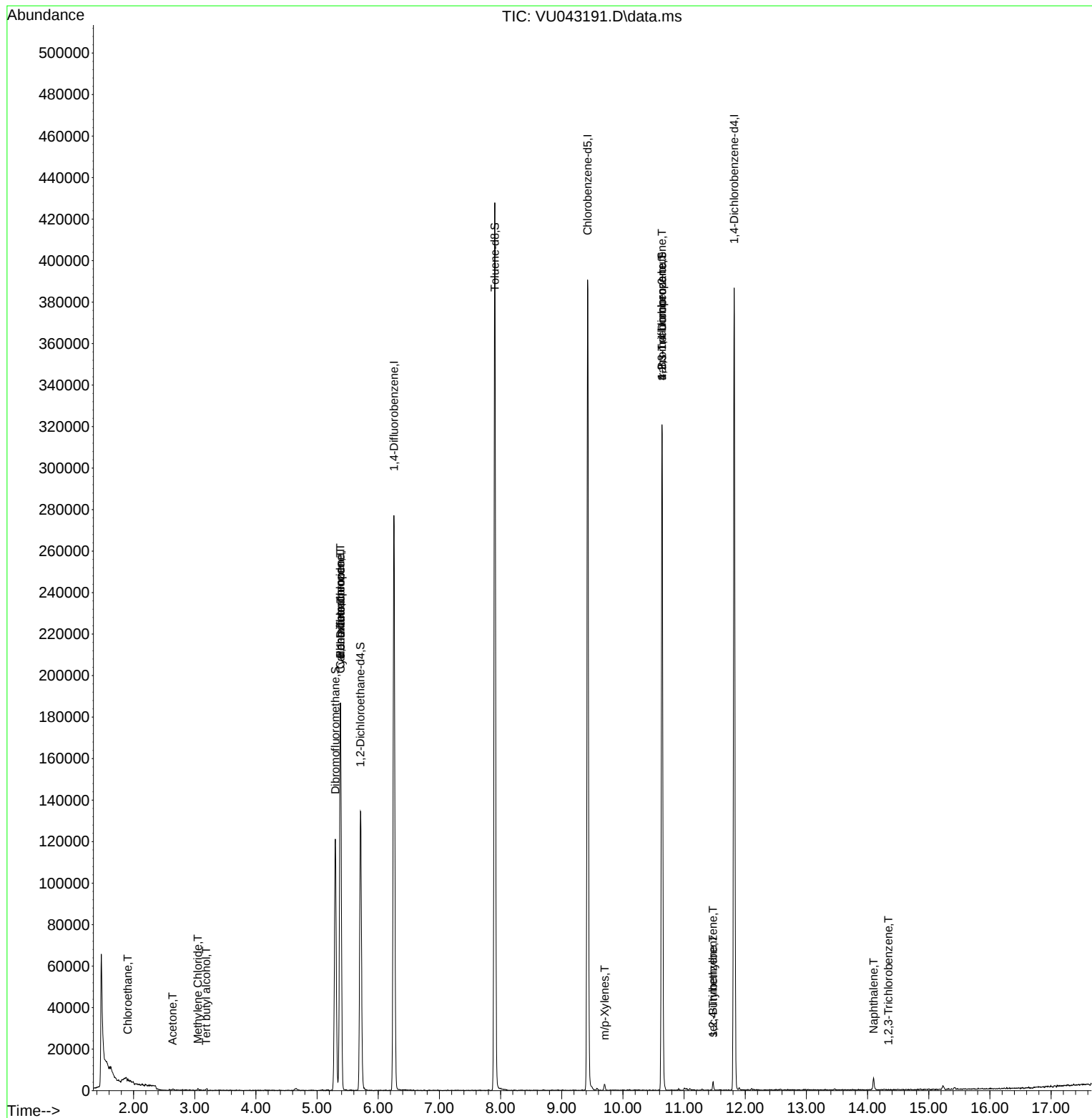
Internal Standards						
1) Pentafluorobenzene	5.382	168	127558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	205496	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	198051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	106113	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
35) Dibromofluoromethane	5.298	113	72725	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	7.906	98	262196	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.639	95	94236	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	443	Below Cal	#	41
6) Chloroethane	1.906	64	407	0.37	ug/l #	43
11) Tert butyl alcohol	3.186	59	255	0.46	ug/l #	94
16) Acetone	2.639	43	764	0.30	ug/l #	48
20) Methylene Chloride	3.051	84	458	0.30	ug/l #	81
31) Cyclohexane	5.385	56	3247	1.23	ug/l #	27
36) 1,1-Dichloropropene	5.382	75	10125	4.64	ug/l #	46
38) Carbon Tetrachloride	5.378	117	12608	5.39	ug/l #	16
68) m/p-Xylenes	9.703	106	850	0.30	ug/l	88
76) 1,2,3-Trichloropropane	10.639	75	55141	19.96	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	55141	58.65	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.475	105	2371	0.41	ug/l	98
85) sec-Butylbenzene	11.475	105	2371	0.37	ug/l #	56
95) Naphthalene	14.098	128	4785	3.40	ug/l	98
96) 1,2,3-Trichlorobenzene	14.339	180	117	1.51	ug/l #	52

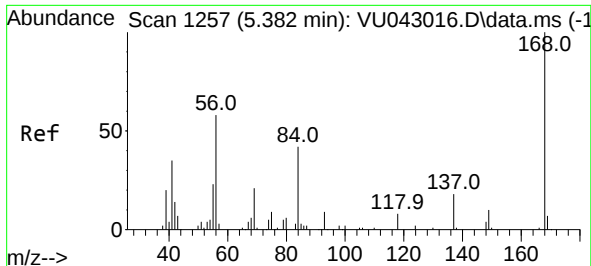
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 02:55:10 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

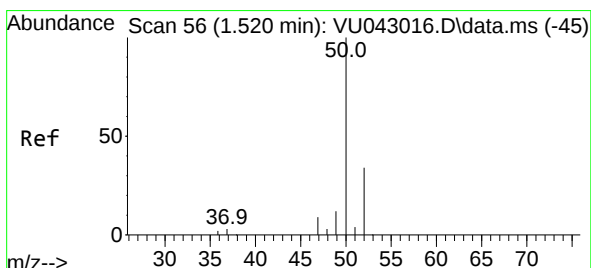
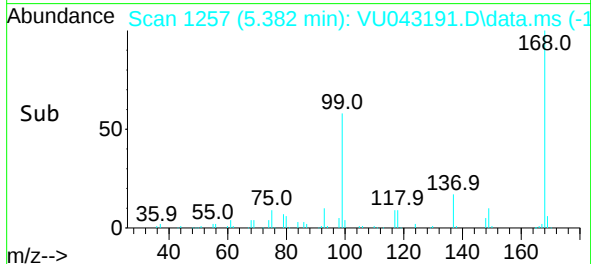
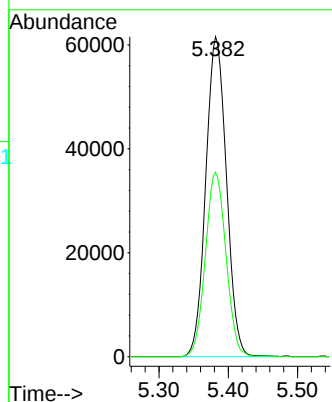
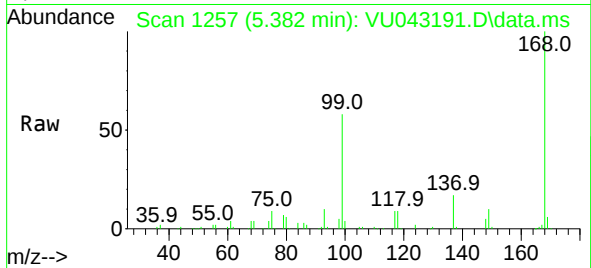




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

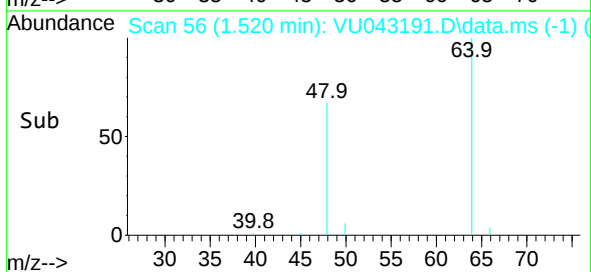
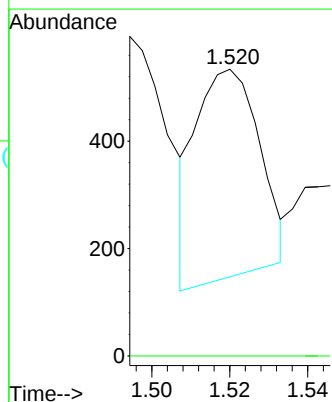
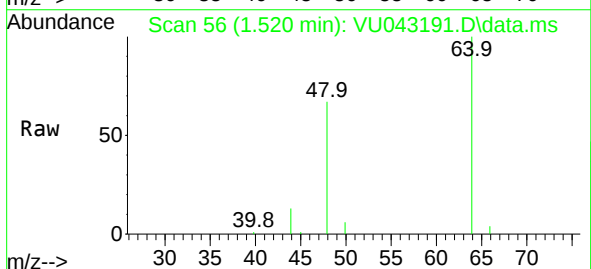
Instrument :
MSVOA_U
ClientSampled :

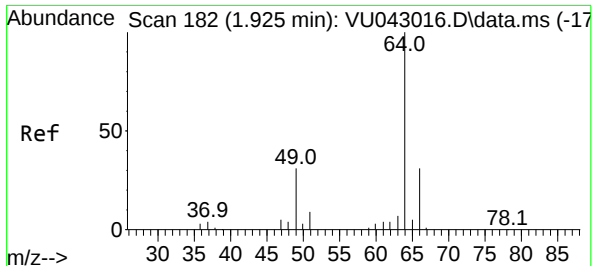
Tgt Ion:168 Resp: 127558
Ion Ratio Lower Upper
168 100
99 57.6 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

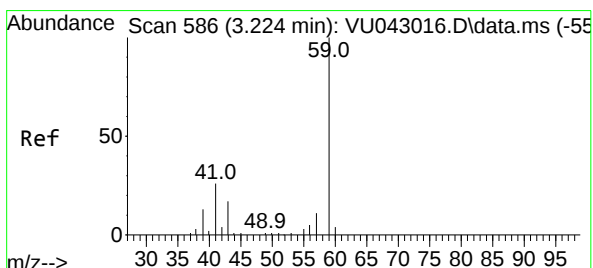
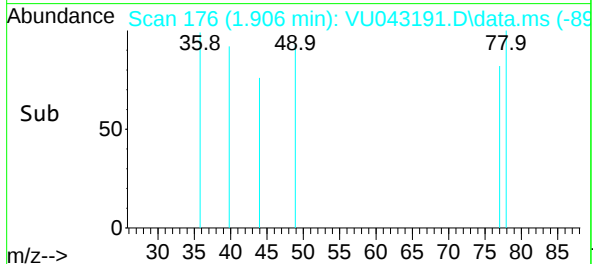
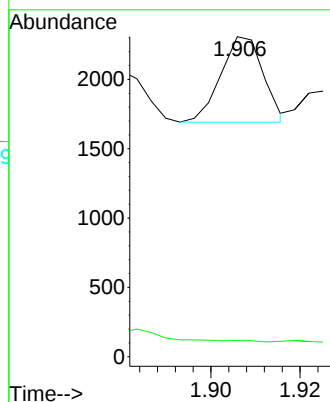
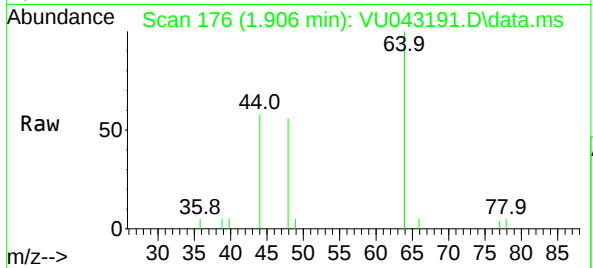




#6
Chloroethane
Concen: 0.37 ug/l
RT: 1.906 min Scan# 176
Delta R.T. -0.019 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

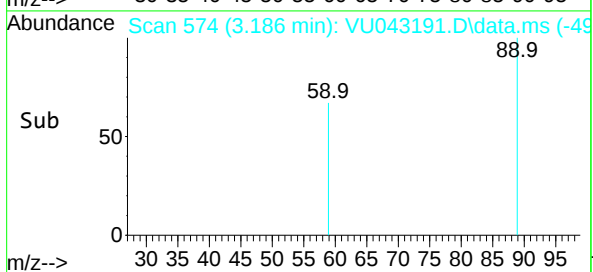
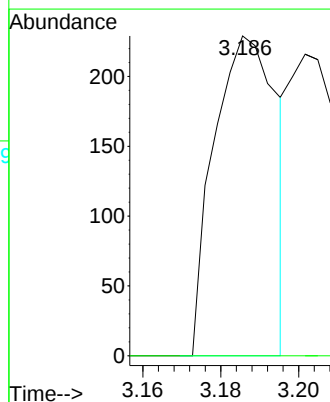
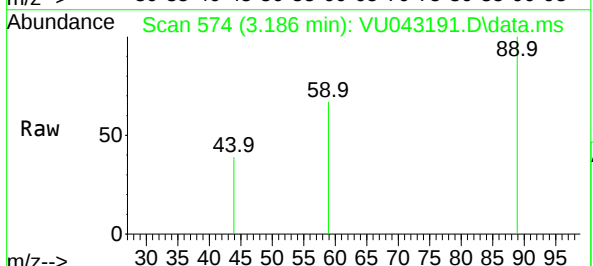
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 64 Resp: 407
Ion Ratio Lower Upper
64 100
66 1.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.038 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

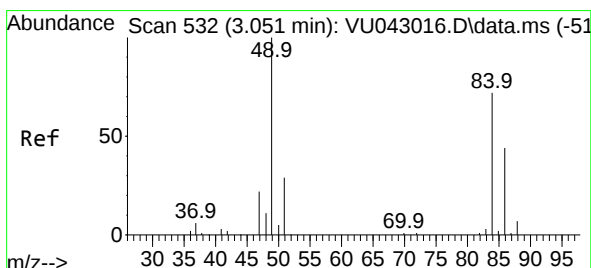
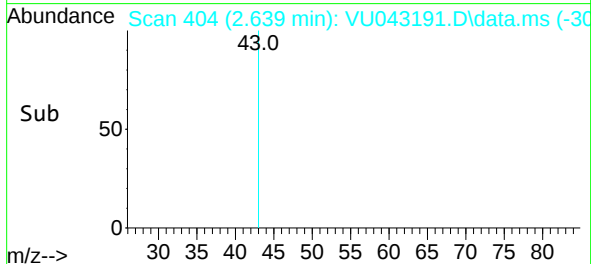
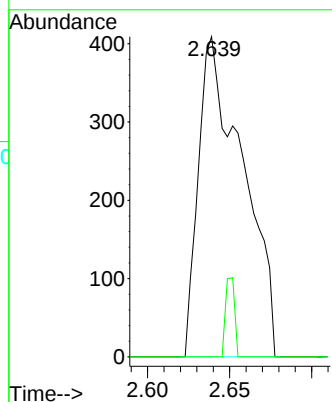
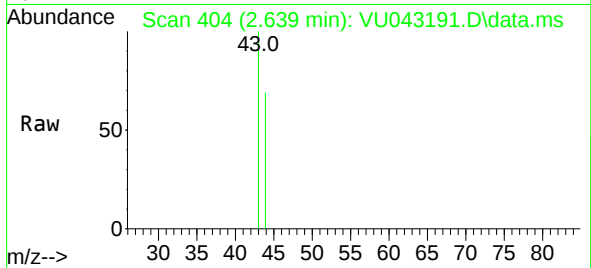




#16
Acetone
Concen: 0.30 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

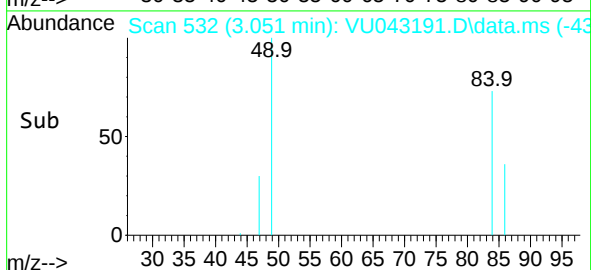
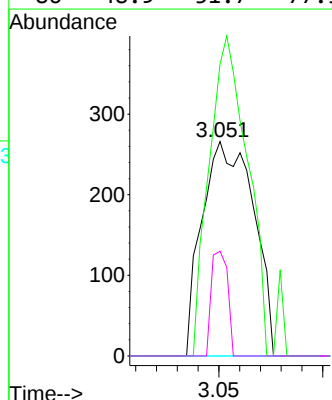
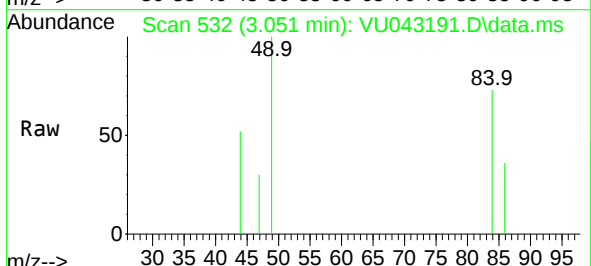
Instrument :
MSVOA_U
ClientSampled :

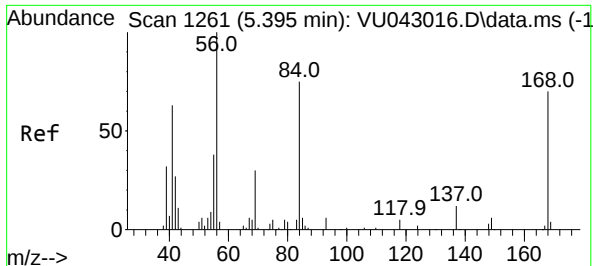
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 136.1 112.6 169.0
51 0.0 33.7 50.5#
86 48.9 51.7 77.5#

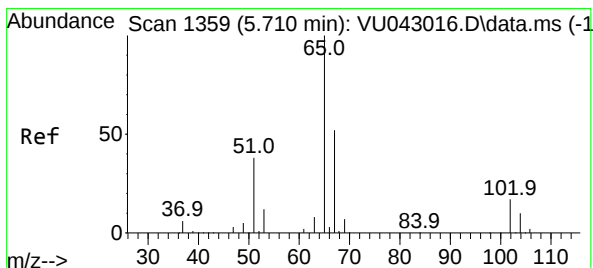
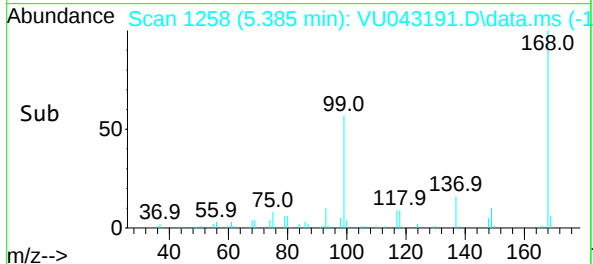
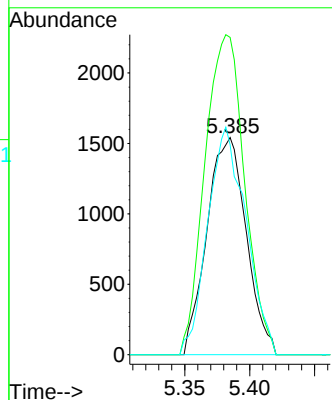
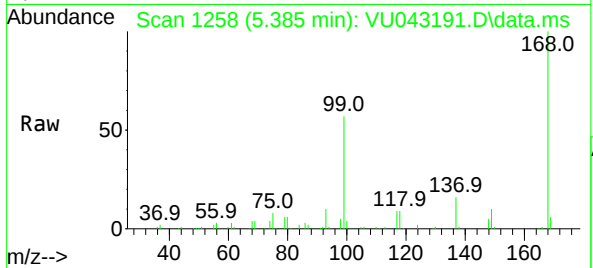




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

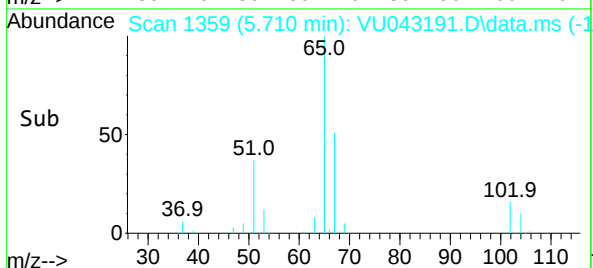
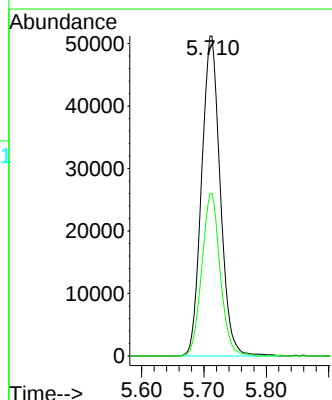
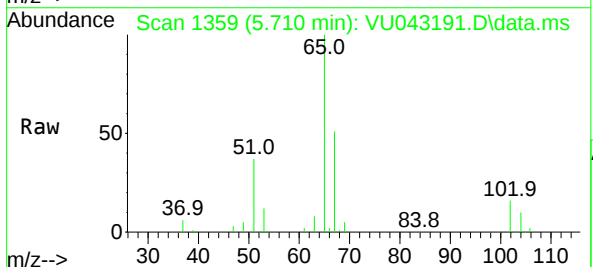
Instrument :
MSVOA_U
ClientSampleId :

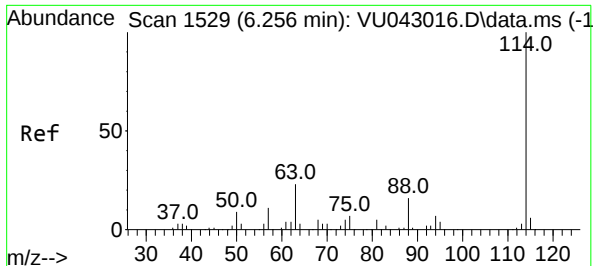
Tgt Ion: 56 Resp: 3247
Ion Ratio Lower Upper
56 100
69 146.1 24.9 37.3#
84 96.6 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 49.48 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 65 Resp: 106113
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8

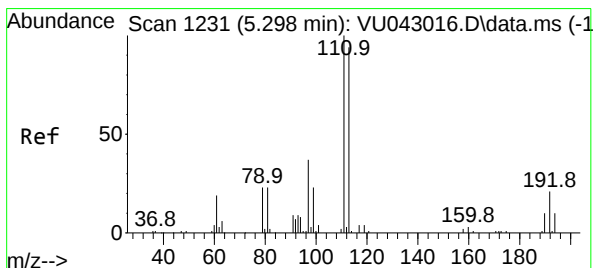
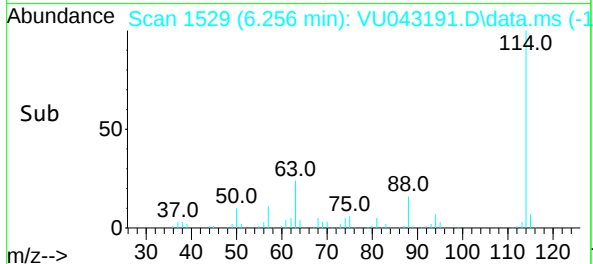
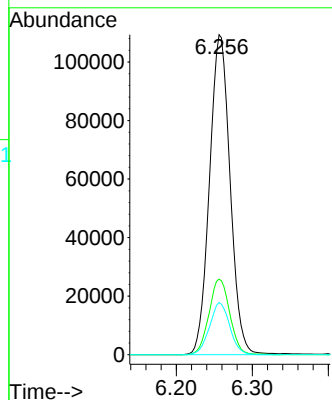
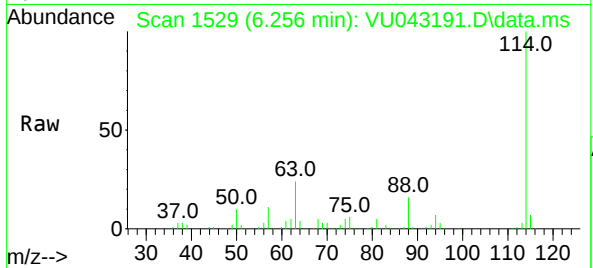




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

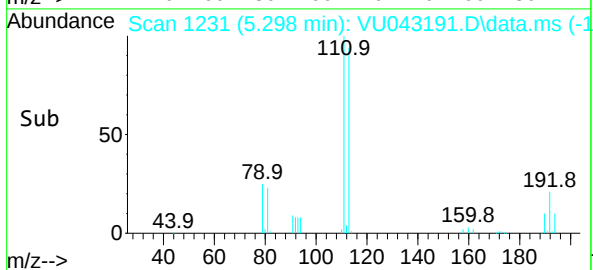
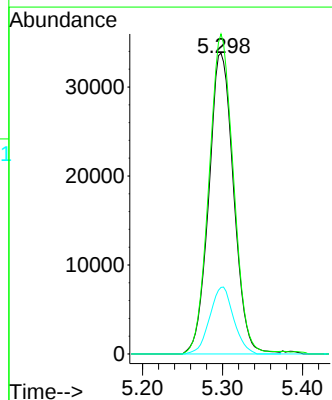
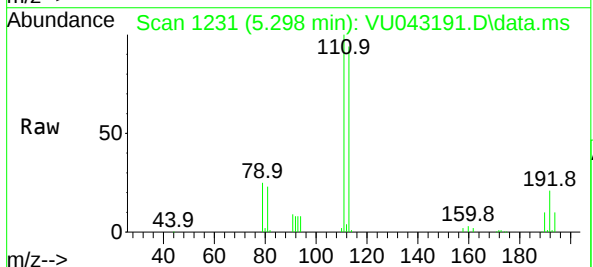
Instrument :
MSVOA_U
ClientSampleId :

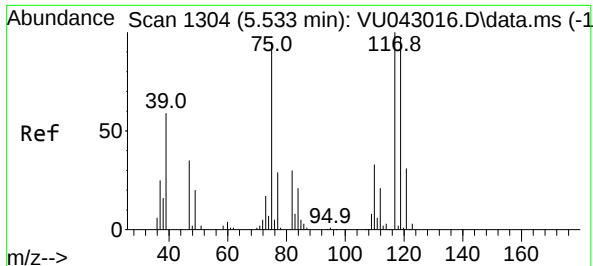
Tgt Ion:114 Resp: 205496
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.10 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion:113 Resp: 72725
Ion Ratio Lower Upper
113 100
111 105.4 81.8 122.8
192 21.4 17.2 25.8

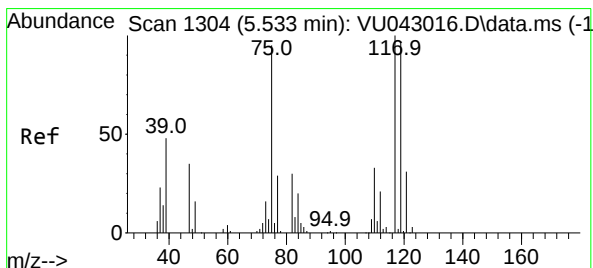
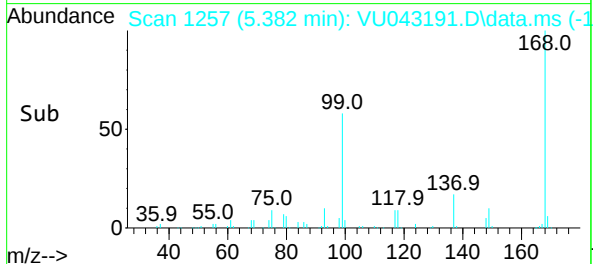
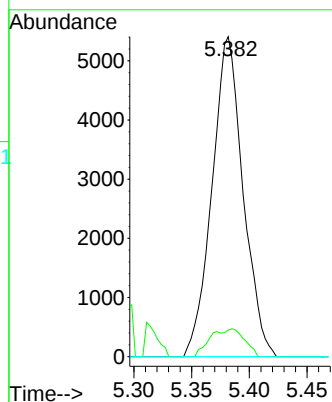
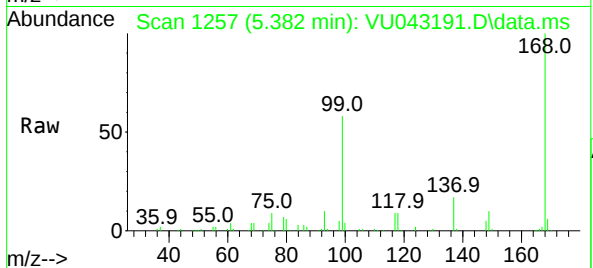




#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

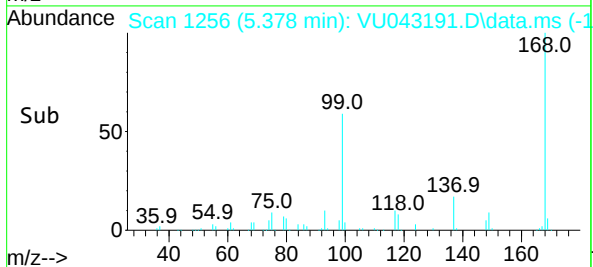
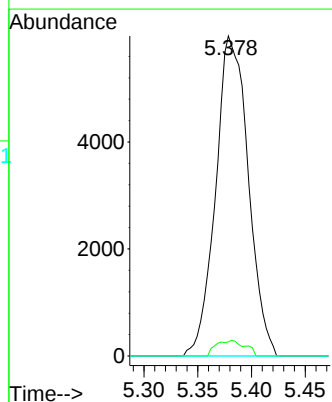
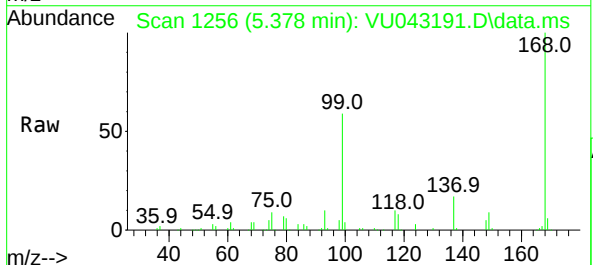
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MSVOA_U
ClientSampleId :

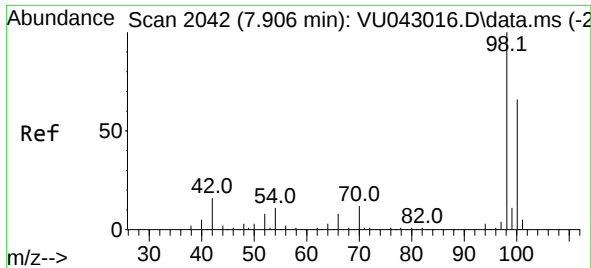
Tgt Ion: 75 Resp: 10125
Ion Ratio Lower Upper
75 100
110 3.9 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 117 Resp: 12608
Ion Ratio Lower Upper
117 100
119 4.4 75.5 113.3#
121 0.0 24.7 37.1#

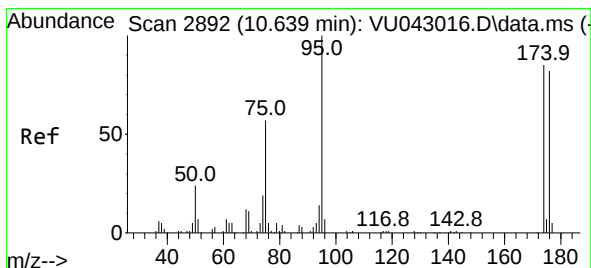
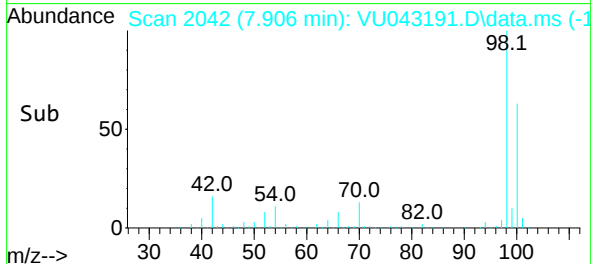
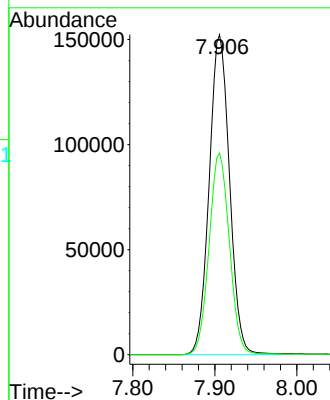
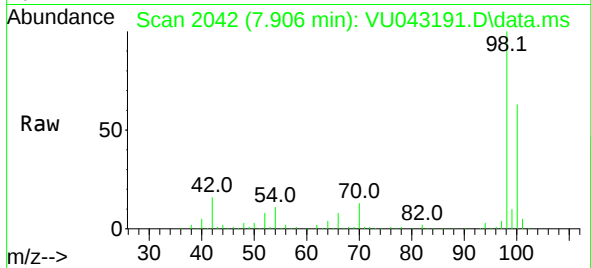




#50
Toluene-d8
Concen: 47.99 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

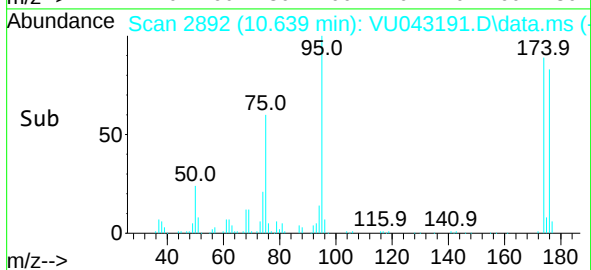
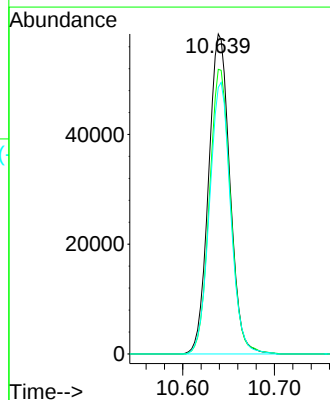
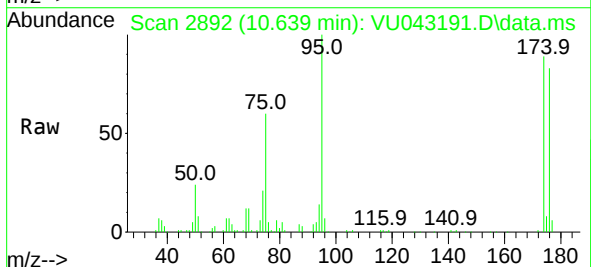
Instrument :
MSVOA_U
ClientSampled :

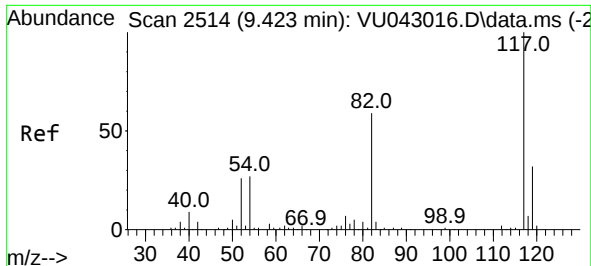
Tgt Ion: 98 Resp: 262196
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.07 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 95 Resp: 94236
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 83.9 0.0 168.8

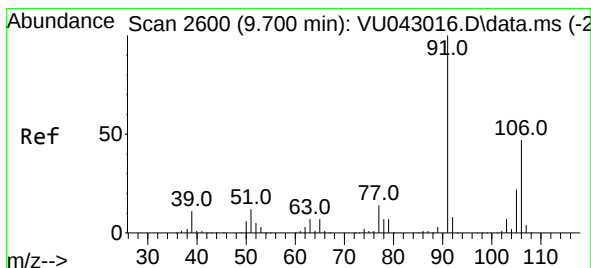
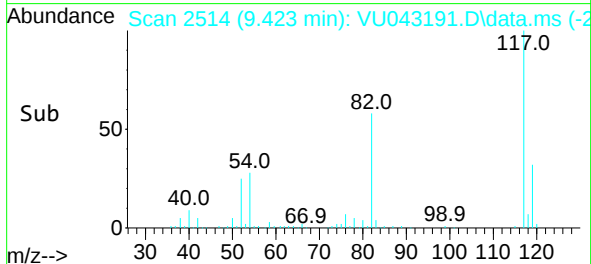
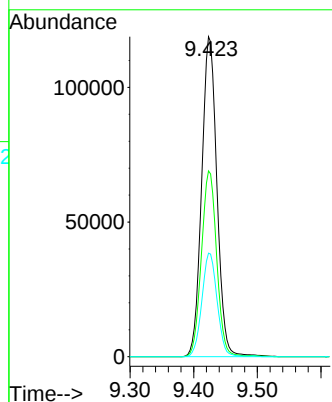
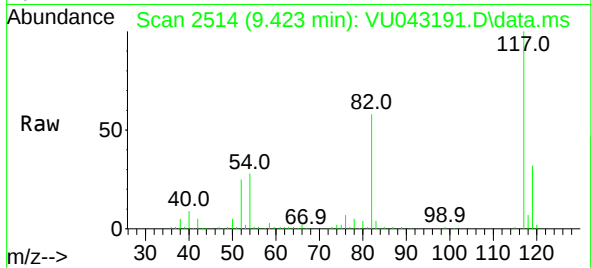




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

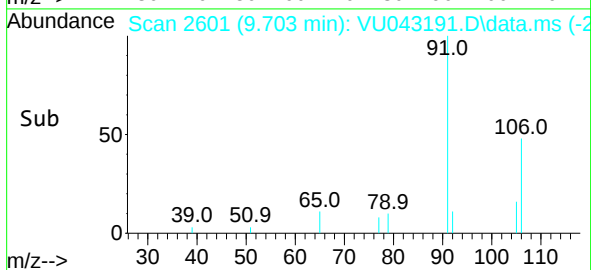
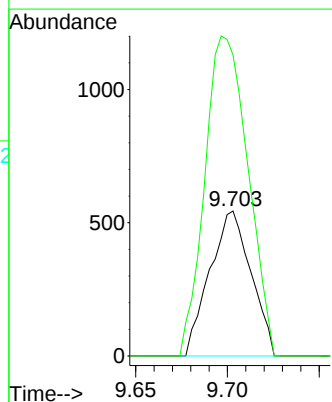
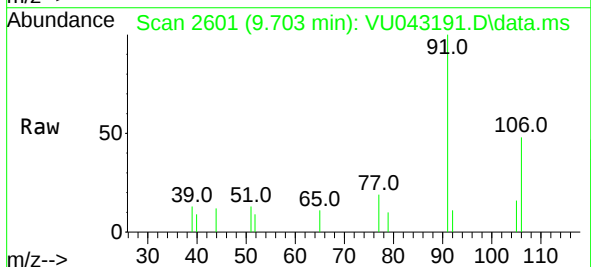
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ClientSampled :

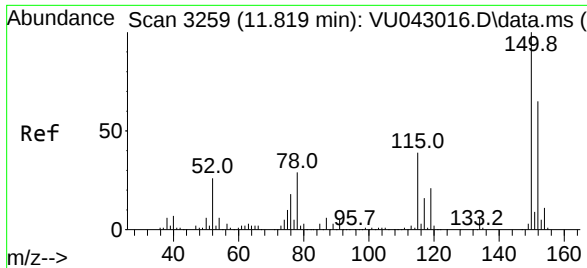
Tgt Ion:117 Resp: 198051
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.6
119 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion:106 Resp: 850
Ion Ratio Lower Upper
106 100
91 231.1 169.9 254.9

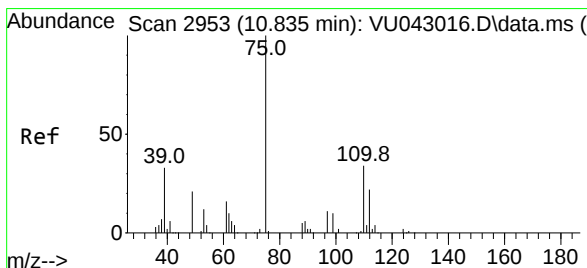
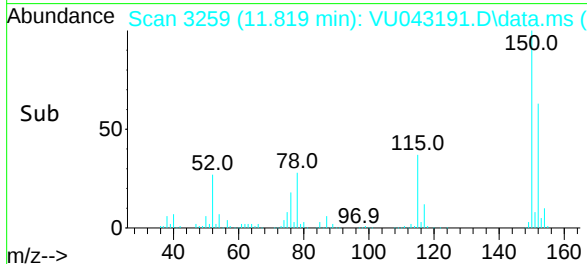
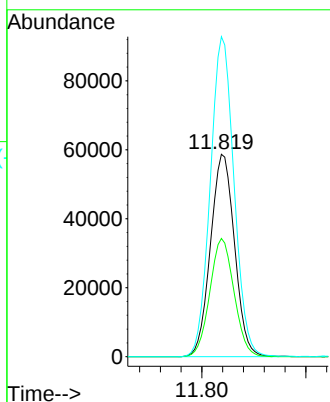
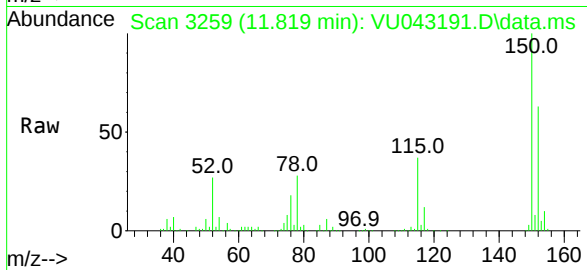




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

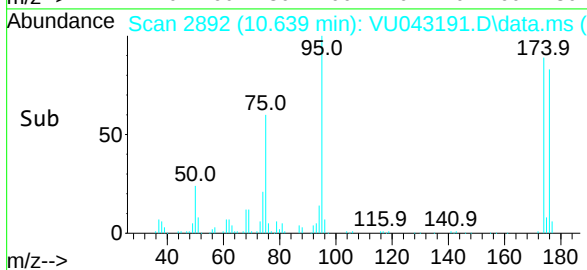
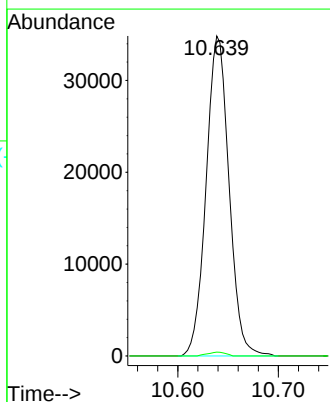
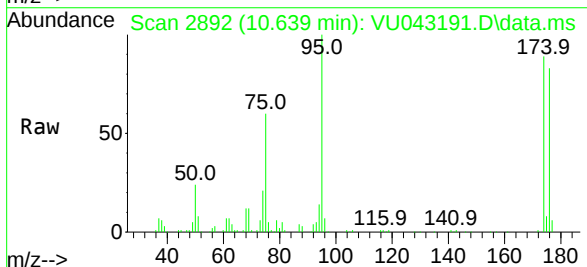
Instrument :
MSVOA_U
ClientSampled :

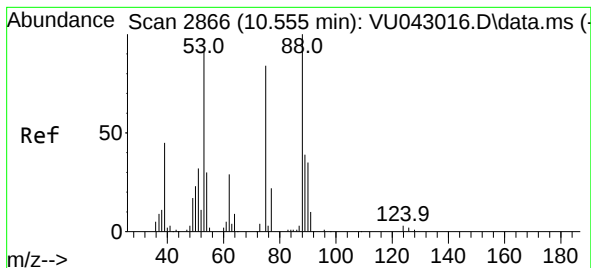
Tgt Ion:152 Resp: 94533
Ion Ratio Lower Upper
152 100
115 58.6 41.5 124.6
150 156.0 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 19.96 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 75 Resp: 55141
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#

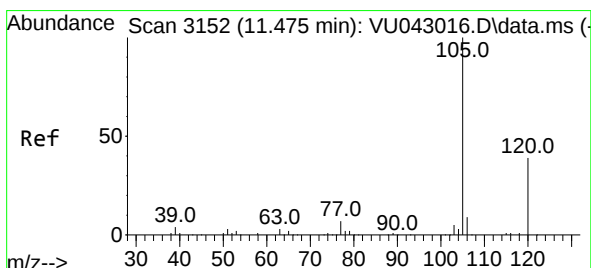
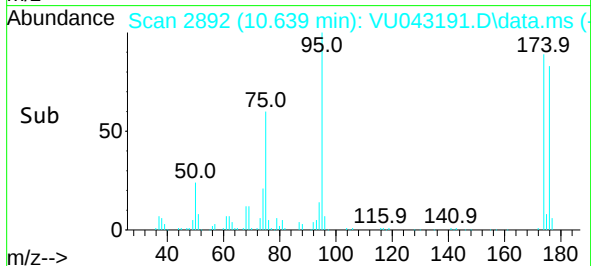
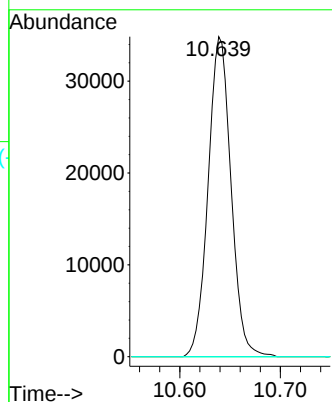
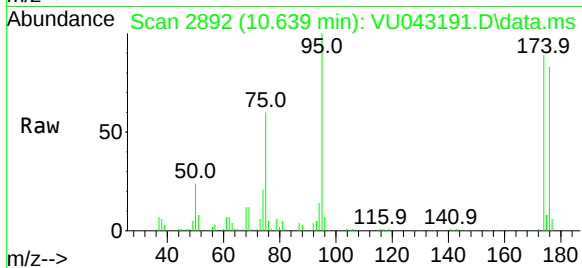




#81
trans-1,4-Dichloro-2-butene
Concen: 58.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

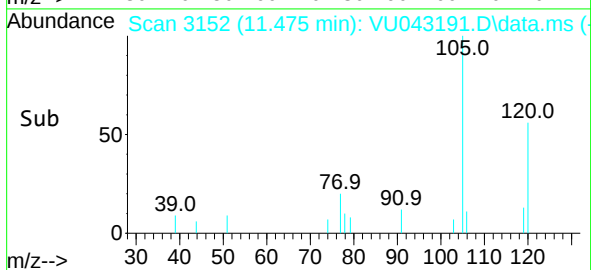
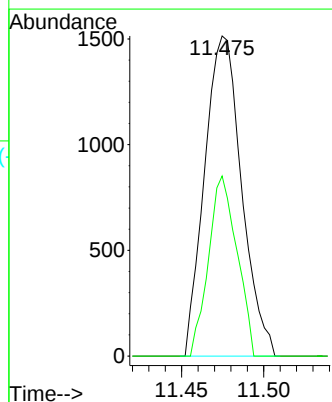
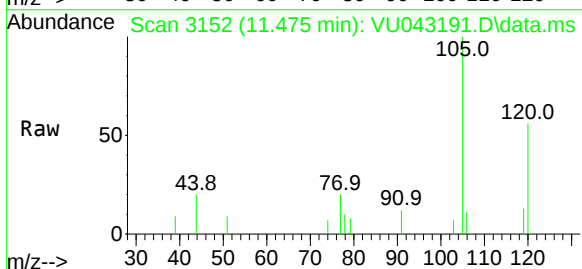
Instrument :
MSVOA_U
ClientSampleId :

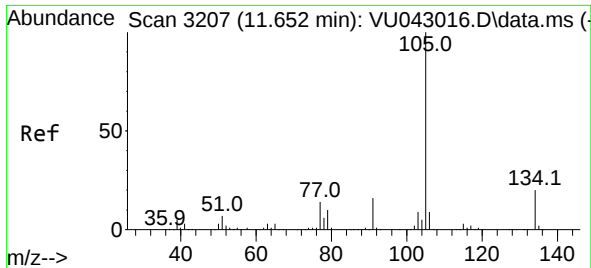
Tgt Ion: 75 Resp: 55141
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043191.D
Acq: 19 Apr 2021 14:08

Tgt Ion: 105 Resp: 2371
Ion Ratio Lower Upper
105 100
120 43.1 22.3 66.8

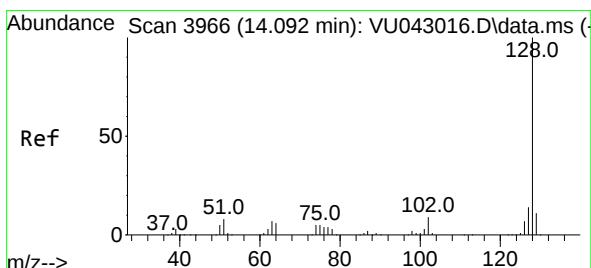
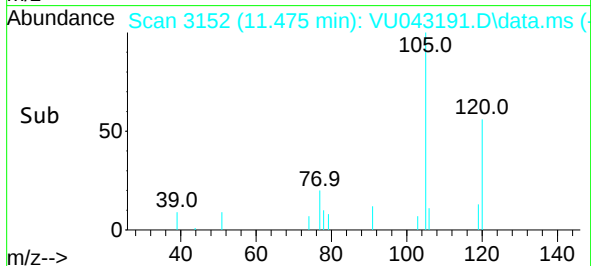
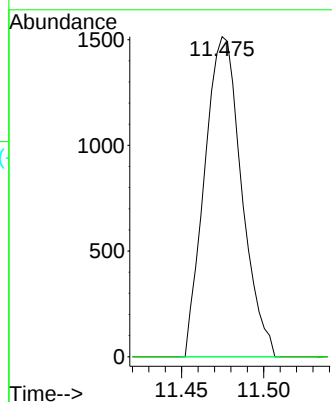
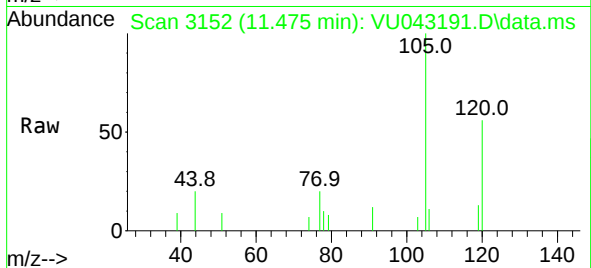




#85
 sec-Butylbenzene
 Concen: 0.37 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.177 min
 Lab File: VU043191.D
 Acq: 19 Apr 2021 14:08

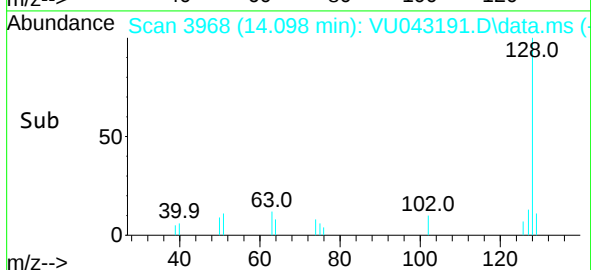
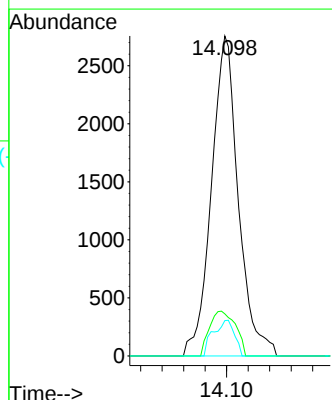
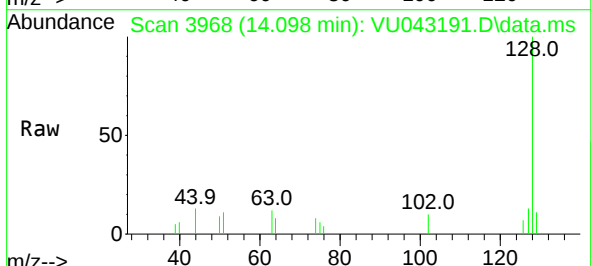
Instrument :
 MSVOA_U
 ClientSampled :

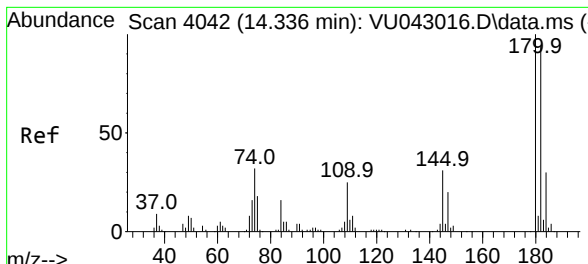
Tgt Ion:105 Resp: 2371
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



#95
 Naphthalene
 Concen: 3.40 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.006 min
 Lab File: VU043191.D
 Acq: 19 Apr 2021 14:08

Tgt Ion:128 Resp: 4785
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.8 16.2
 129 8.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.51 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043191.D
 Acq: 19 Apr 2021 14:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 117
 Ion Ratio Lower Upper
 180 100
 182 51.3 48.0 144.0
 145 0.0 15.5 46.5#

