

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043381.D
 Acq On : 28 Apr 2021 13:22
 Operator : SY/MD
 Sample : M2173-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:37:37 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)

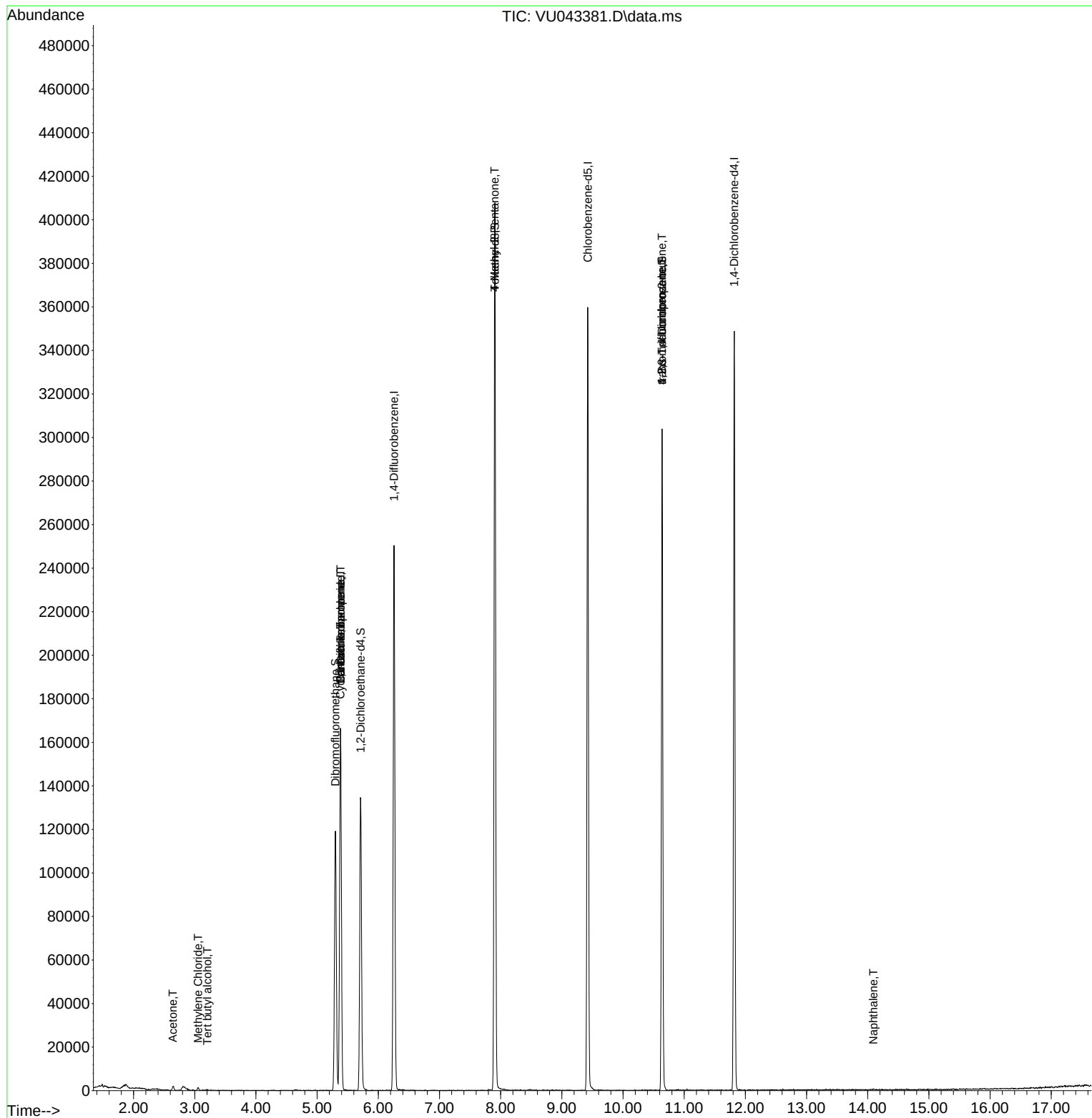
Internal Standards						
1) Pentafluorobenzene	5.382	168	111144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	185946	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	180747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	105258	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	5.298	113	74258	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	7.906	98	249633	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	10.639	95	87713	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds						Qvalue
3) Chloromethane	1.527	50	460	Below Cal		97
11) Tert butyl alcohol	3.205	59	114	0.24 ug/l #		94
16) Acetone	2.642	43	2163	1.67 ug/l		96
20) Methylene Chloride	3.054	84	324	0.24 ug/l		86
31) Cyclohexane	5.379	56	2699	1.17 ug/l #		26
36) 1,1-Dichloropropene	5.382	75	9920	5.03 ug/l #		49
38) Carbon Tetrachloride	5.382	117	11727	5.54 ug/l #		17
51) 4-Methyl-2-Pentanone	7.903	43	1471	0.41 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	49947	20.05 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	49947	58.93 ug/l #		7
95) Naphthalene	14.092	128	294	2.79 ug/l #		69

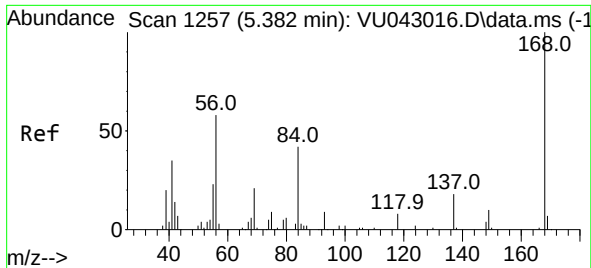
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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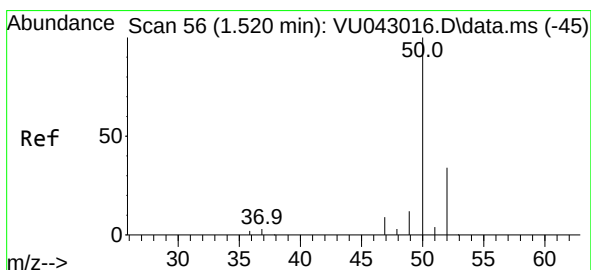
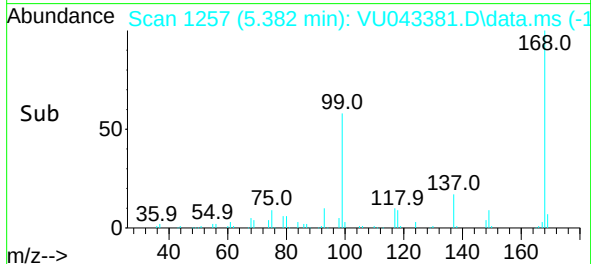
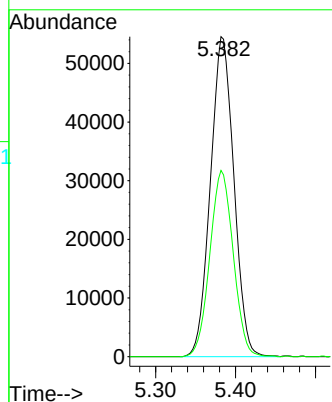
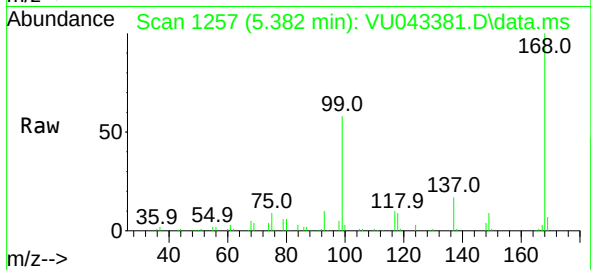




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

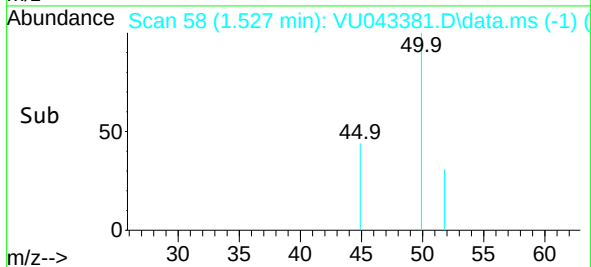
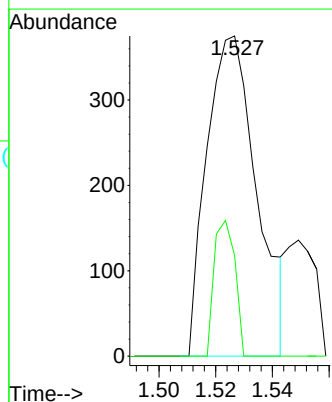
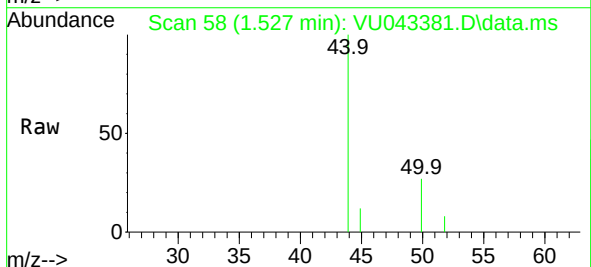
Instrument :
MSVOA_U
ClientSampled :

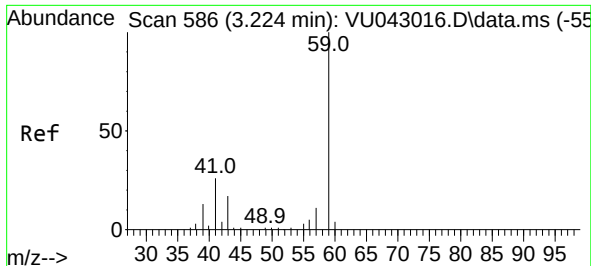
Tgt Ion:168 Resp: 111144
Ion Ratio Lower Upper
168 100
99 58.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0

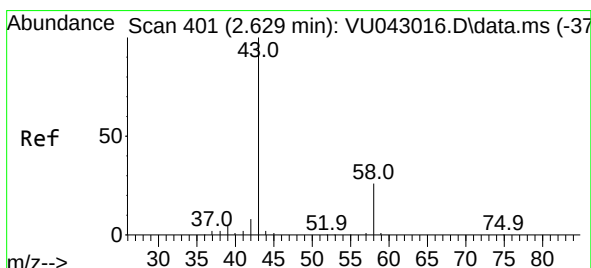
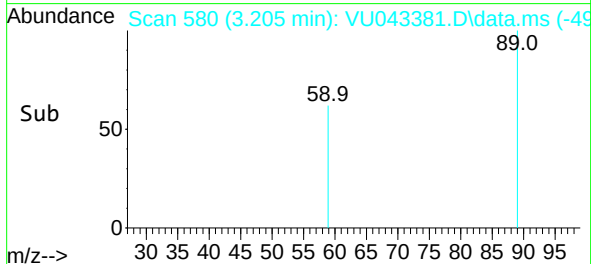
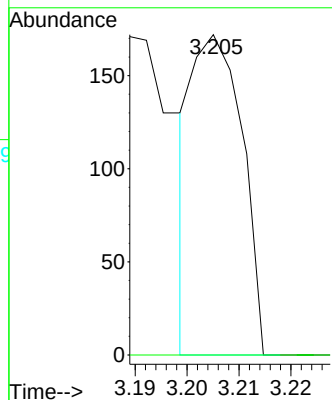
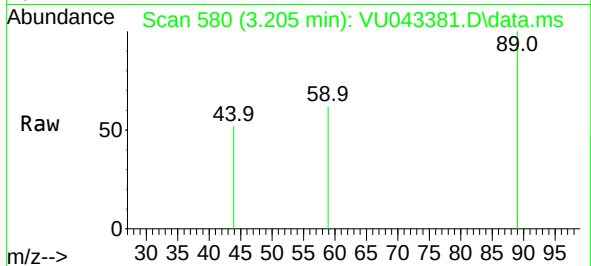




#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.019 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

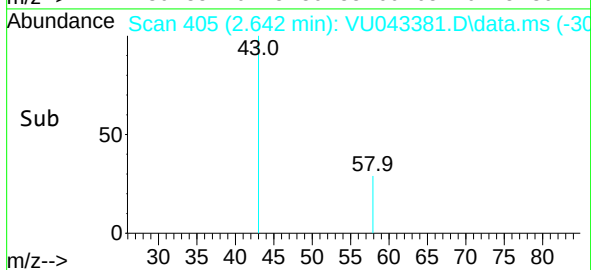
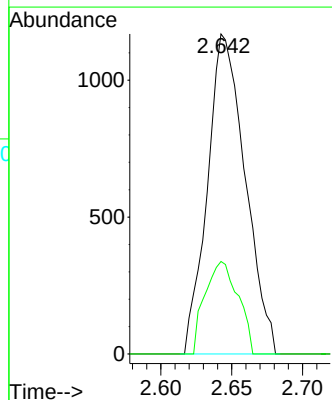
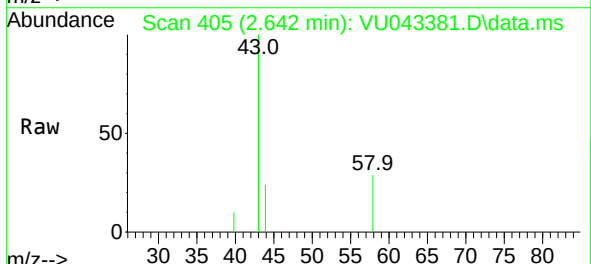
Instrument :
MSVOA_U
ClientSampleId :

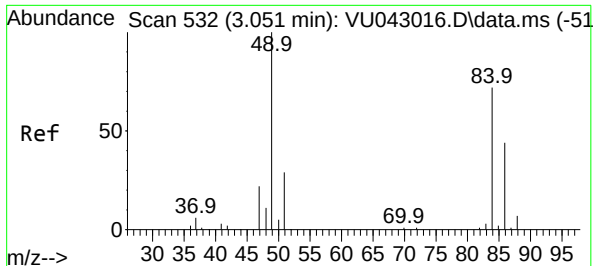
Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 1.67 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

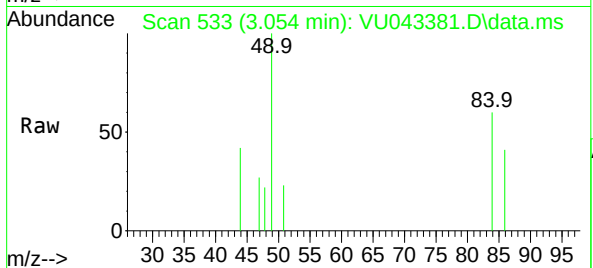
Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
58 28.9 21.5 32.3





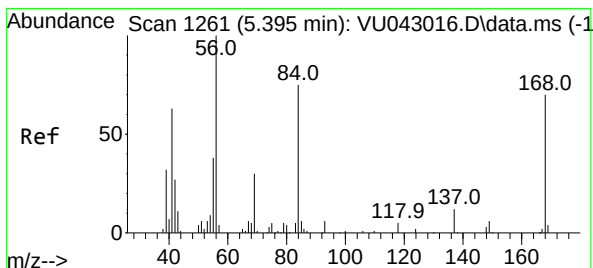
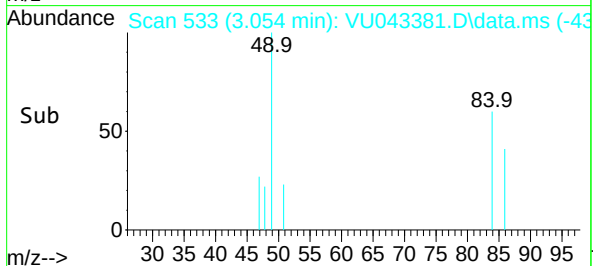
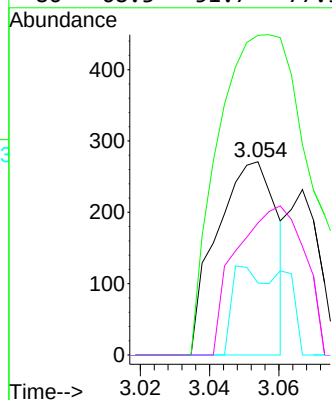
#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

Instrument :
MSVOA_U
ClientSampleId :

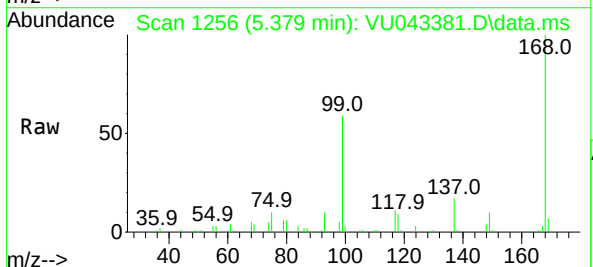


Tgt Ion: 84 Resp: 324

Ion	Ratio	Lower	Upper
84	100		
49	165.3	112.6	169.0
51	37.3	33.7	50.5
86	68.3	51.7	77.5

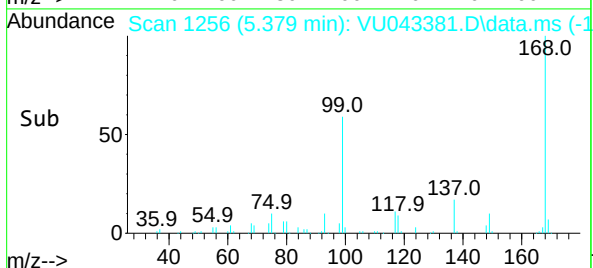
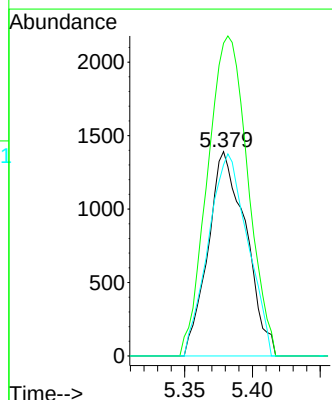


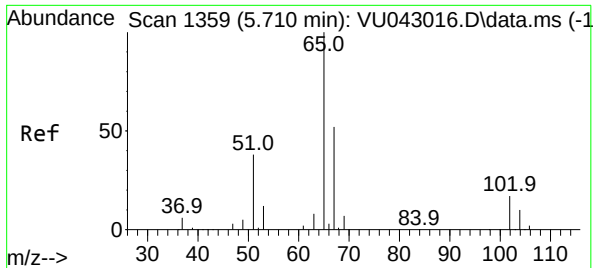
#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22



Tgt Ion: 56 Resp: 2699

Ion	Ratio	Lower	Upper
56	100		
69	153.1	24.9	37.3#
84	93.5	63.7	95.5

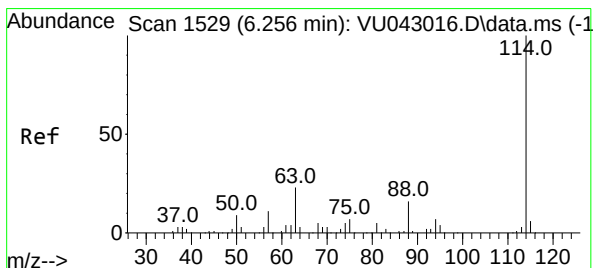
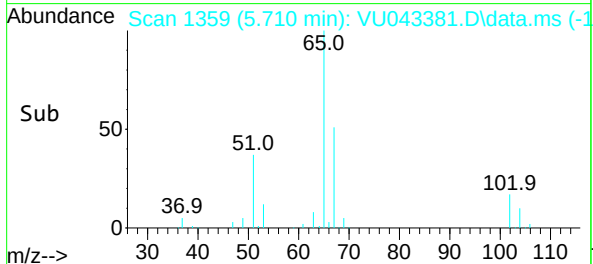
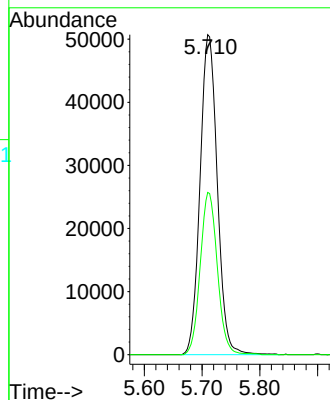
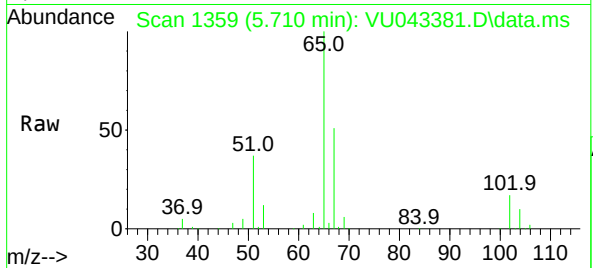




#33
 1,2-Dichloroethane-d4
 Concen: 56.34 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043381.D
 Acq: 28 Apr 2021 13:22

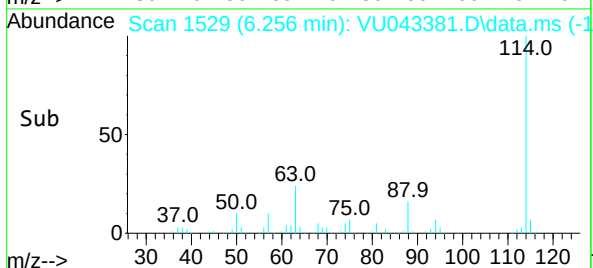
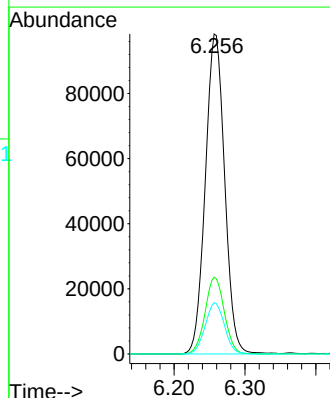
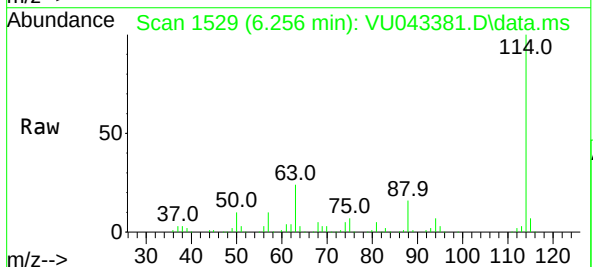
Instrument :
 MSVOA_U
 ClientSampled :

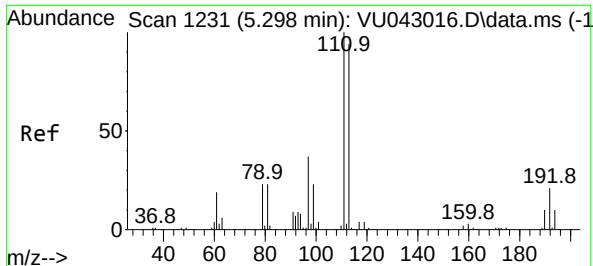
Tgt Ion: 65 Resp: 105258
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043381.D
 Acq: 28 Apr 2021 13:22

Tgt Ion: 114 Resp: 185946
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 44.2
 88 16.0 0.0 33.4

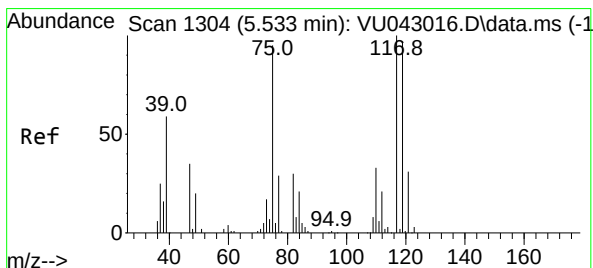
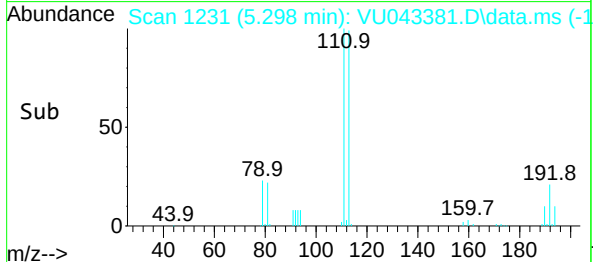
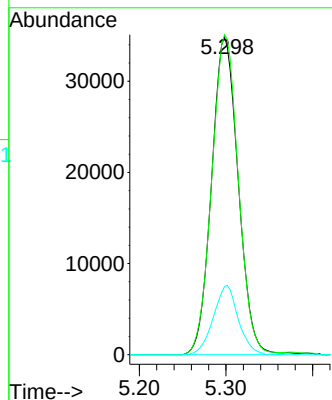
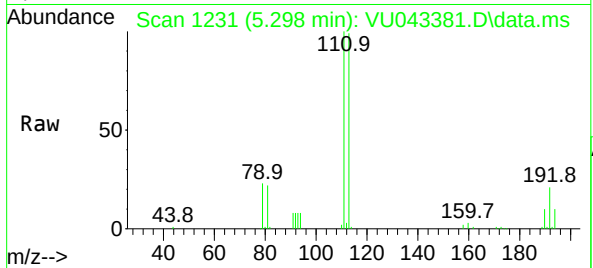




#35
Dibromofluoromethane
Concen: 53.15 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

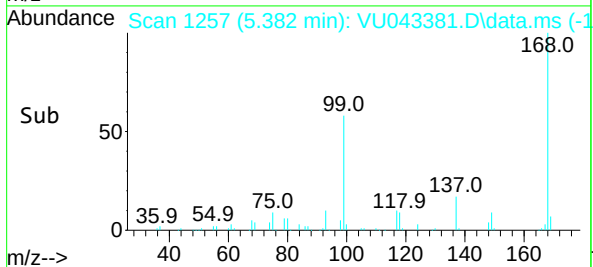
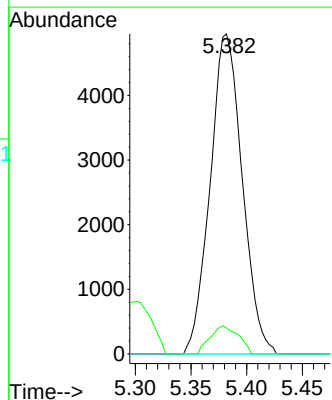
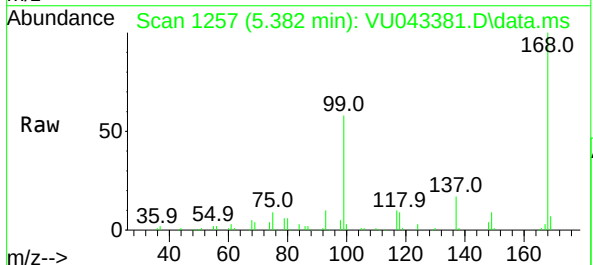
Instrument :
MSVOA_U
ClientSampleId :

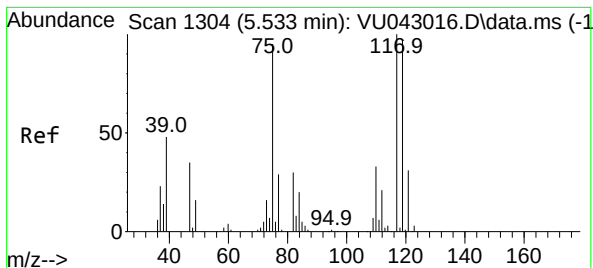
Tgt Ion:113 Resp: 74258
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.8
192 20.4 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

Tgt Ion: 75 Resp: 9920
Ion Ratio Lower Upper
75 100
110 7.7 16.8 50.3#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.54 ug/l

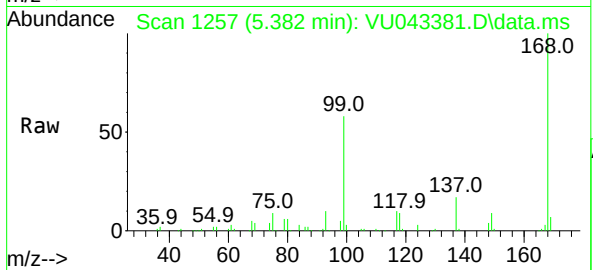
RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

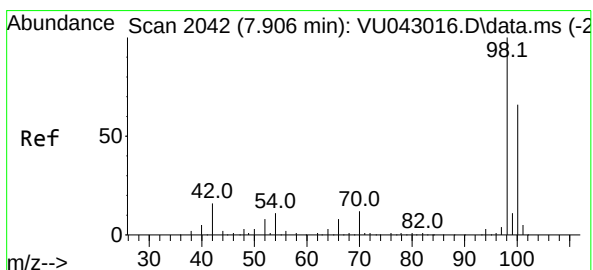
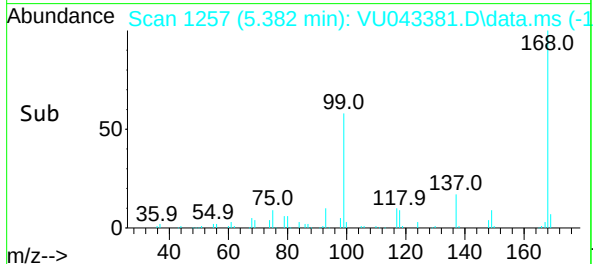
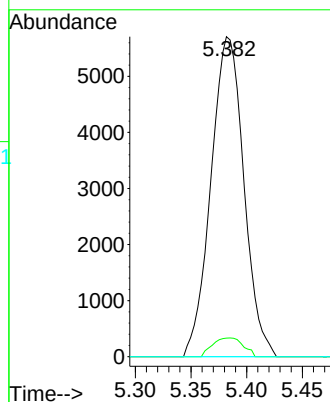
Lab File: VU043381.D

Acq: 28 Apr 2021 13:22

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	117	Resp:	11727
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.5	113.3#
121	0.0	24.7	37.1#



#50

Toluene-d8

Concen: 50.49 ug/l

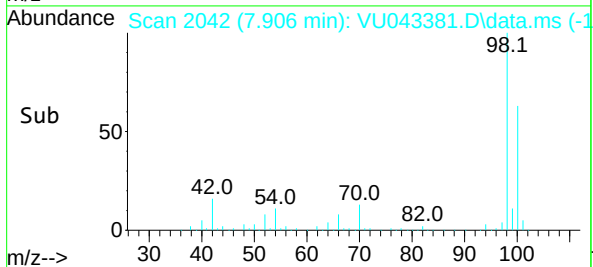
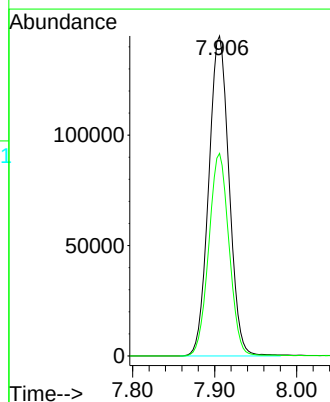
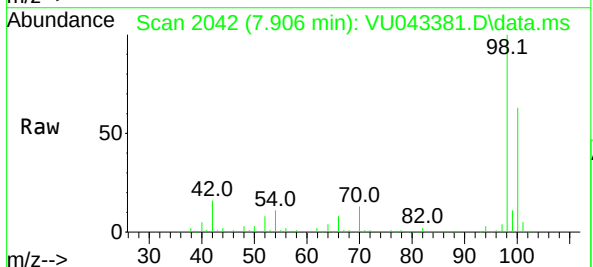
RT: 7.906 min Scan# 2042

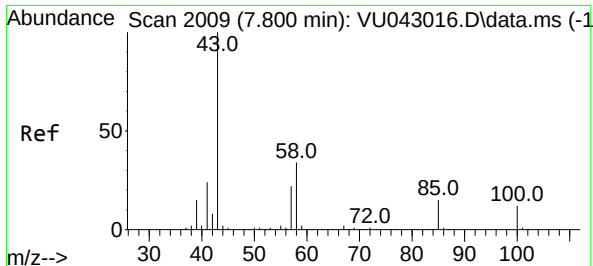
Delta R.T. -0.000 min

Lab File: VU043381.D

Acq: 28 Apr 2021 13:22

Tgt Ion:	98	Resp:	249633
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.2	75.2

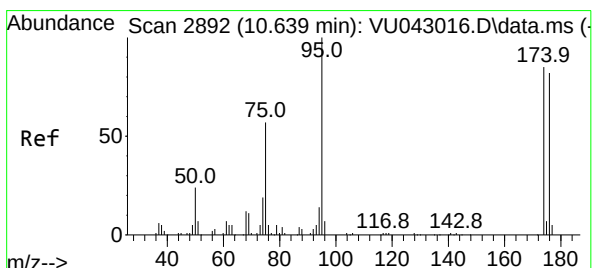
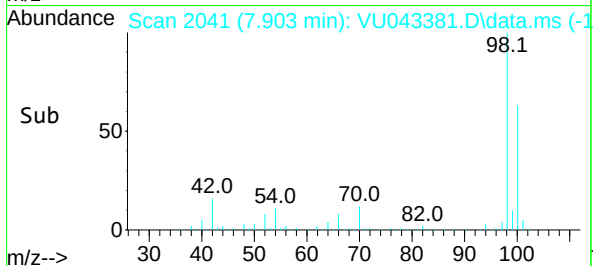
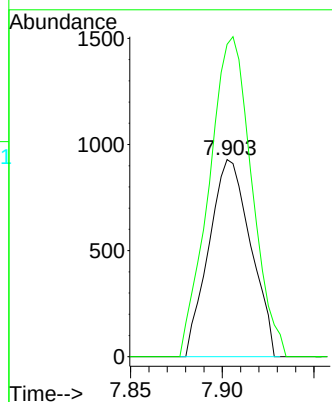
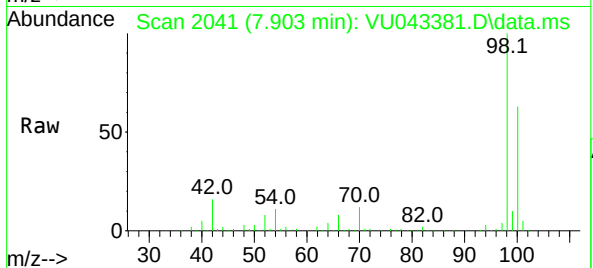




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

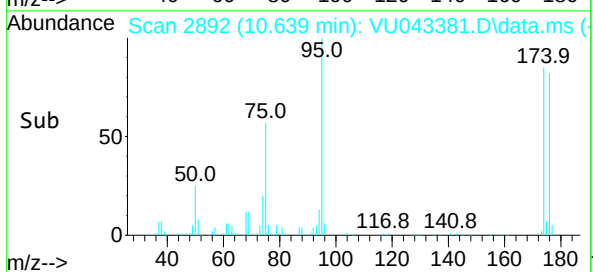
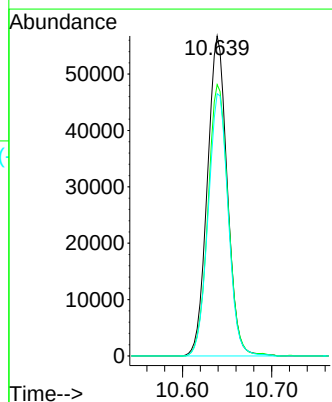
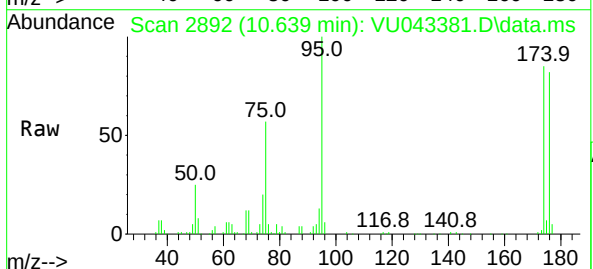
Instrument :
MSVOA_U
ClientSampled :

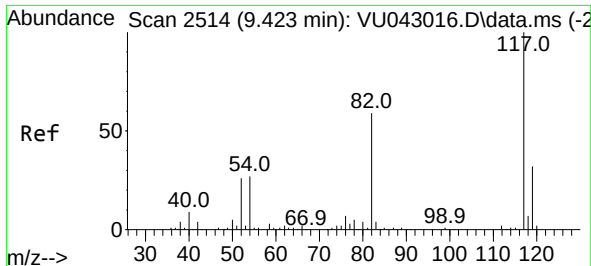
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 166.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.30 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

Tgt Ion: 95 Resp: 87713
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 82.6 0.0 168.8

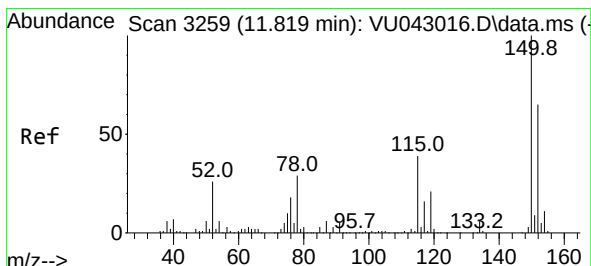
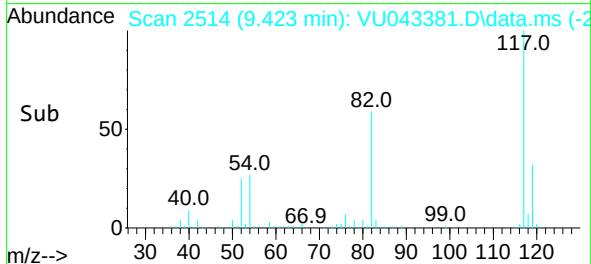
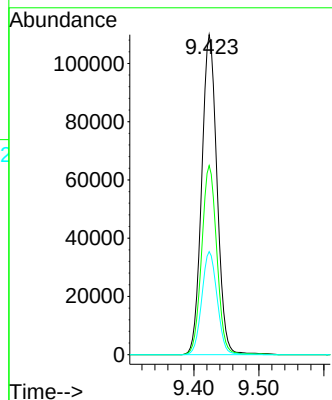
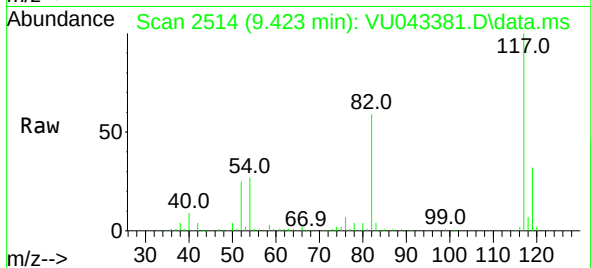




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

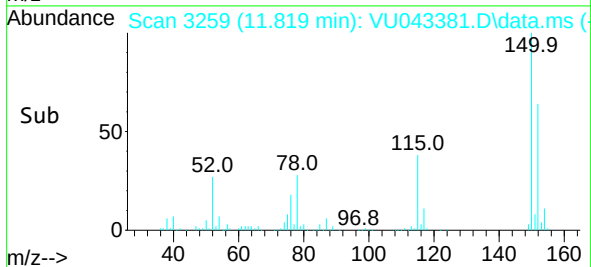
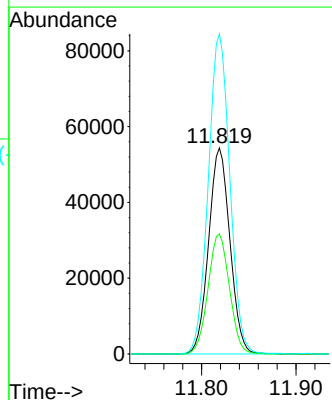
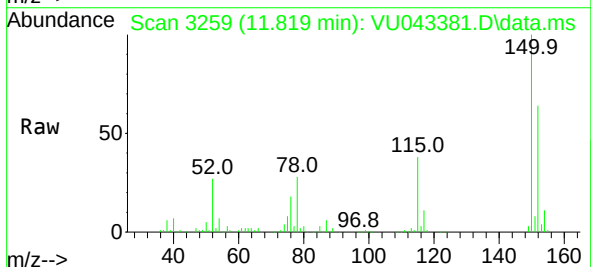
Instrument :
MSVOA_U
ClientSampleId :

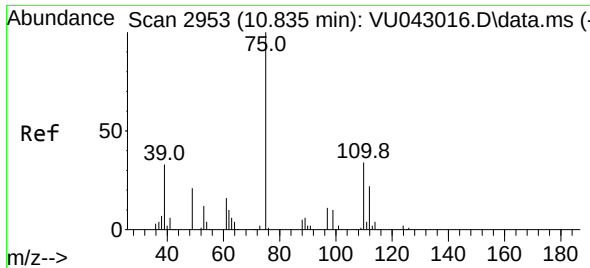
Tgt Ion:117 Resp: 180747
Ion Ratio Lower Upper
117 100
82 59.1 45.8 68.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

Tgt Ion:152 Resp: 85233
Ion Ratio Lower Upper
152 100
115 58.4 41.5 124.6
150 156.6 0.0 342.4

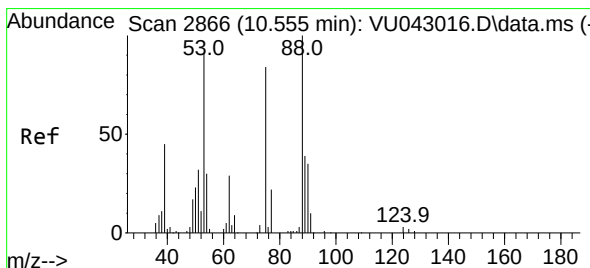
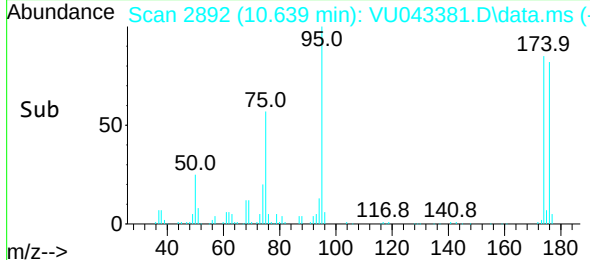
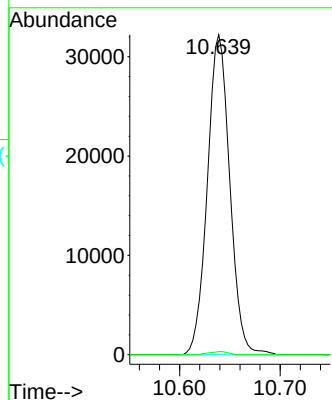
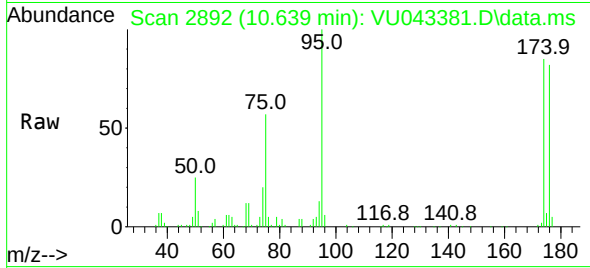




#76
1,2,3-Trichloropropane
Concen: 20.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

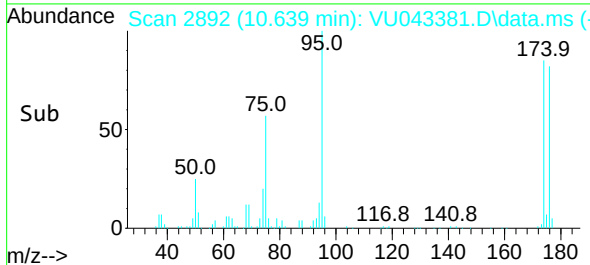
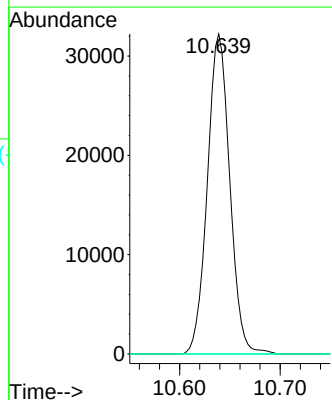
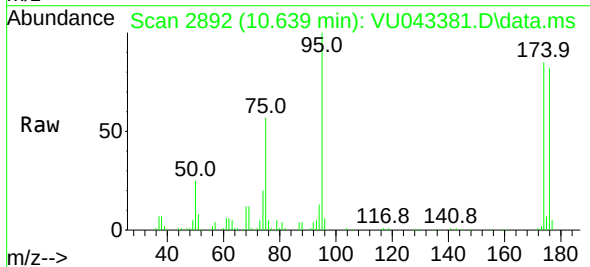
Instrument :
MSVOA_U
ClientSampled :

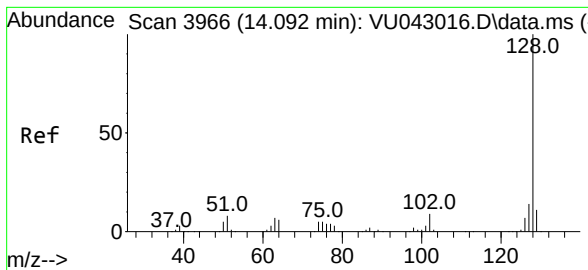
Tgt Ion: 75 Resp: 49947
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043381.D
Acq: 28 Apr 2021 13:22

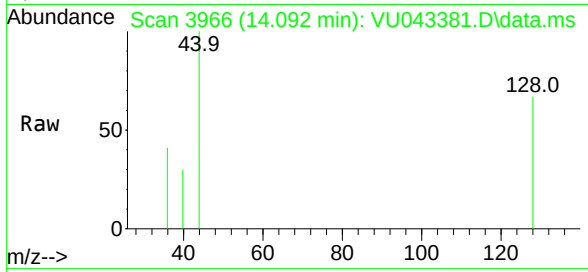
Tgt Ion: 75 Resp: 49947
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.79 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. 0.000 min
 Lab File: VU043381.D
 Acq: 28 Apr 2021 13:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 294
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

