

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043364.D
 Acq On : 27 Apr 2021 23:41
 Operator : SY/MD
 Sample : M2133-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 28 09:13:20 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)

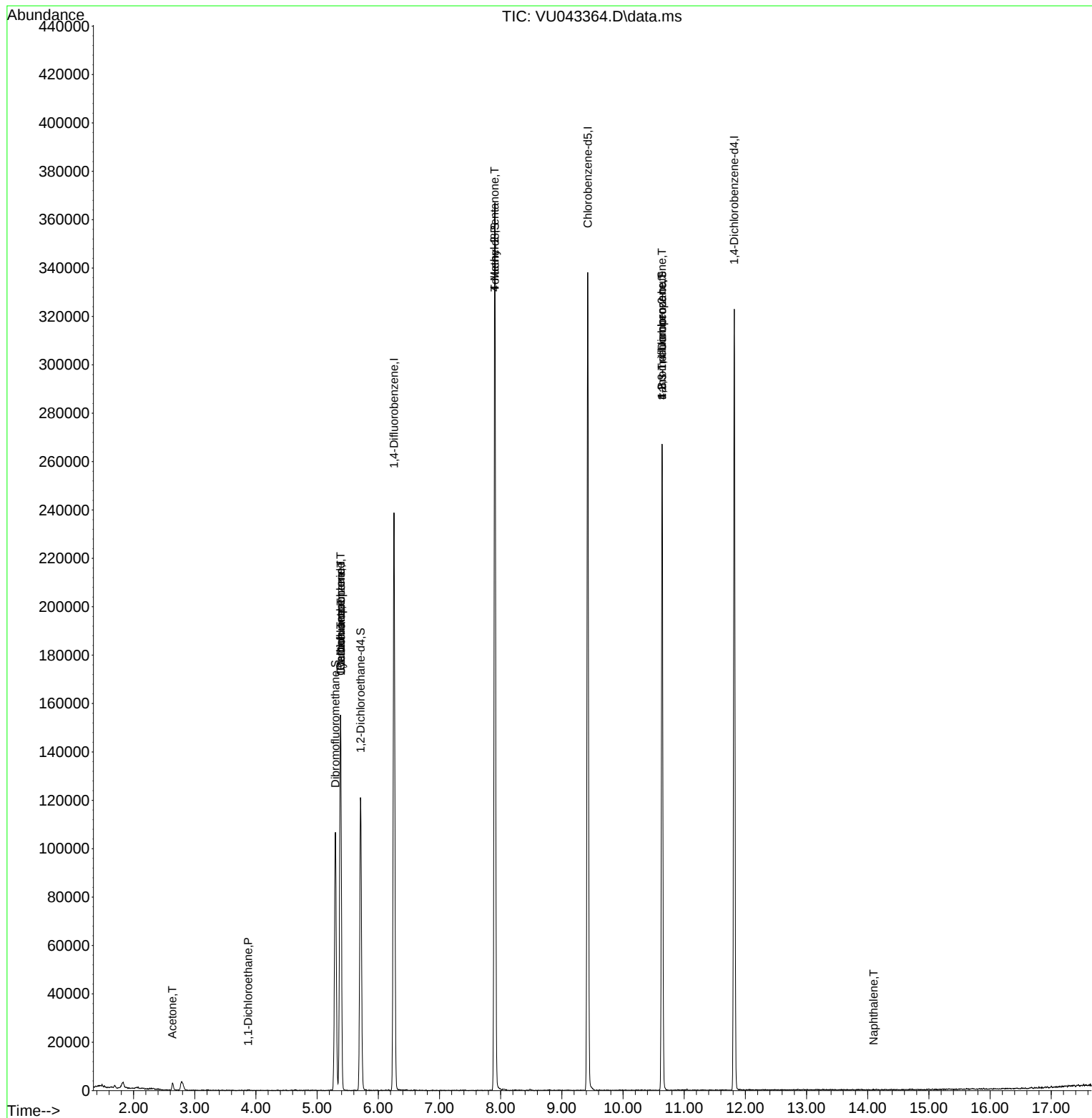
Internal Standards						
1) Pentafluorobenzene	5.382	168	105153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	176154	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	169028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	77386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	93523	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
35) Dibromofluoromethane	5.298	113	65541	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	7.906	98	222771	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	10.639	95	77276	41.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.40%	
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	338	Below Cal		97
6) Chloroethane	1.909	64	20	Below Cal	#	42
16) Acetone	2.636	43	3832	3.38	ug/l	91
24) 1,1-Dichloroethane	3.874	63	493	0.21	ug/l #	84
31) Cyclohexane	5.385	56	2721	1.25	ug/l #	41
36) 1,1-Dichloropropene	5.385	75	8539	4.57	ug/l #	50
38) Carbon Tetrachloride	5.382	117	10762	5.37	ug/l #	17
51) 4-Methyl-2-Pentanone	7.903	43	1220	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	44627	19.73	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	44627	57.99	ug/l #	7
95) Naphthalene	14.098	128	99	2.76	ug/l #	69

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

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QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

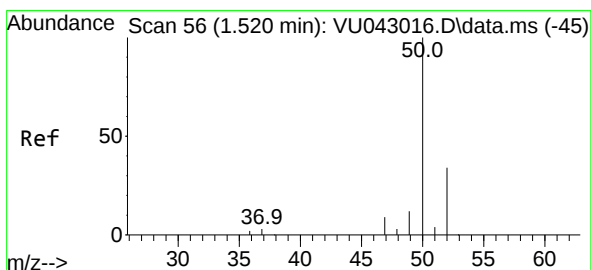
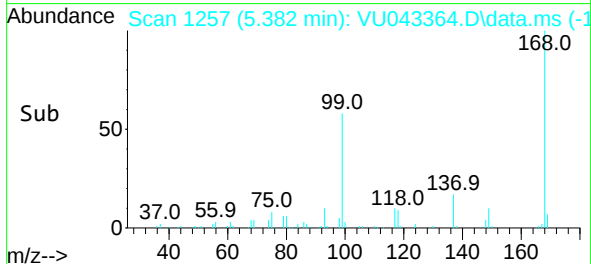
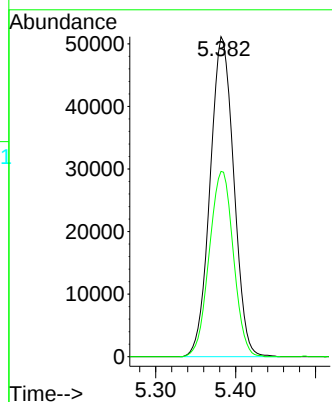
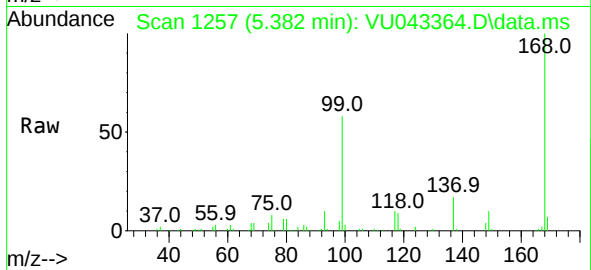




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

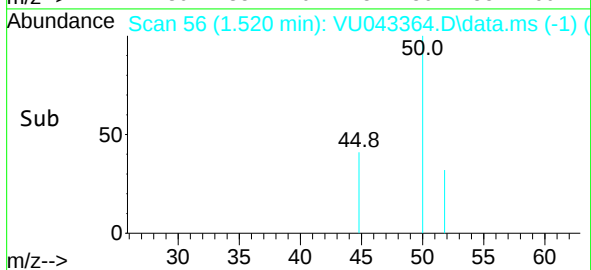
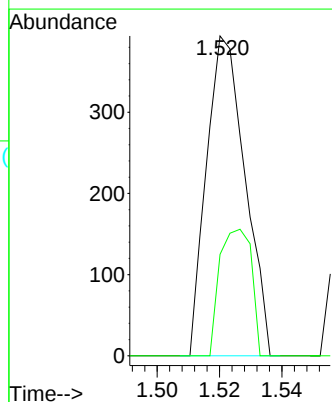
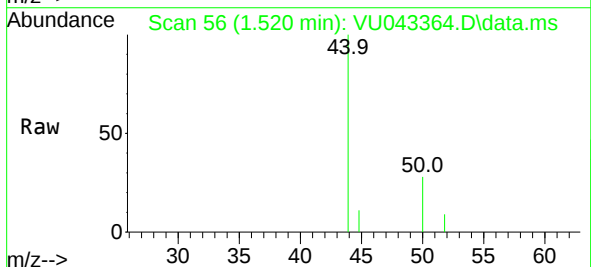
Instrument :
MSVOA_U
ClientSampleId :

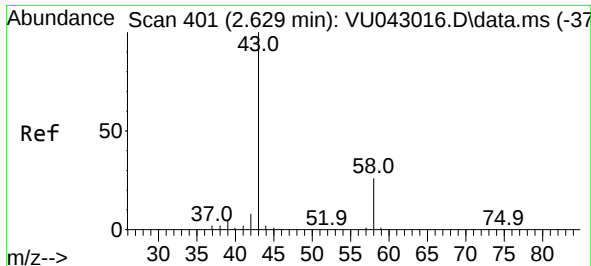
Tgt Ion:168 Resp: 105153
Ion Ratio Lower Upper
168 100
99 57.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

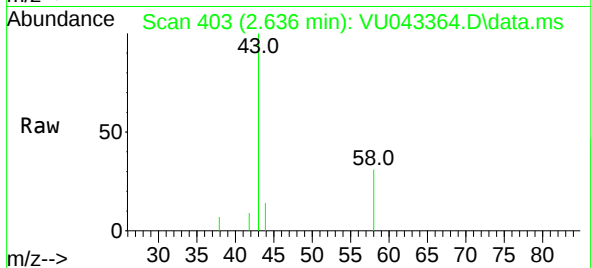
Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



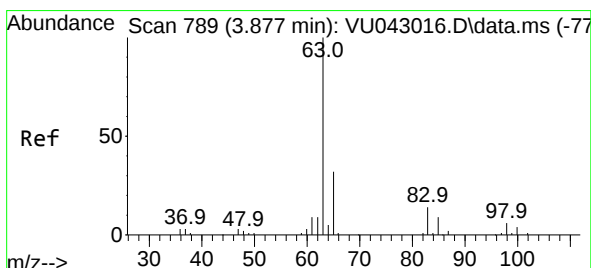
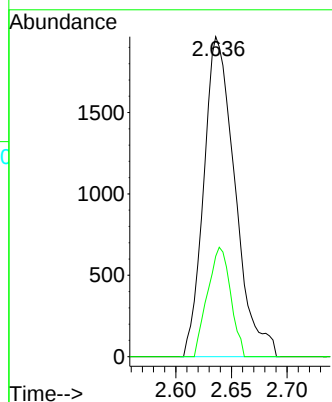
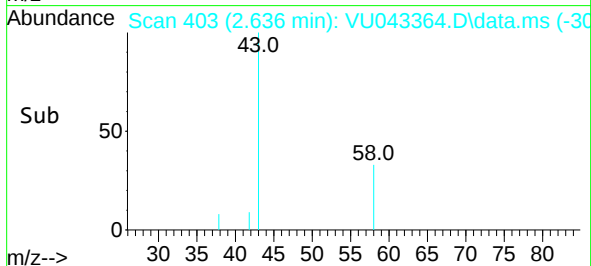


#16
Acetone
Concen: 3.38 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

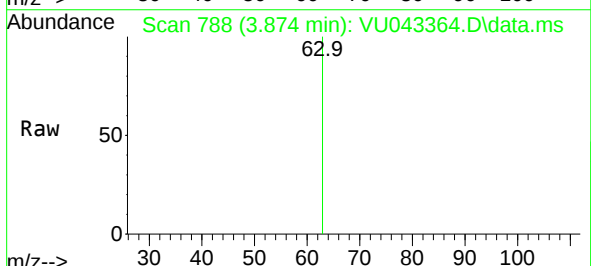
Instrument :
MSVOA_U
ClientSampled :



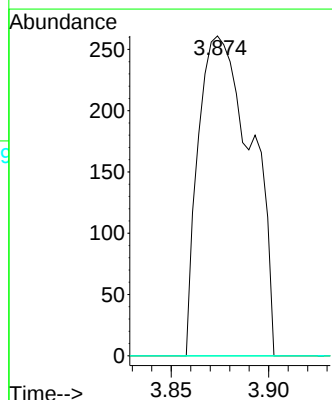
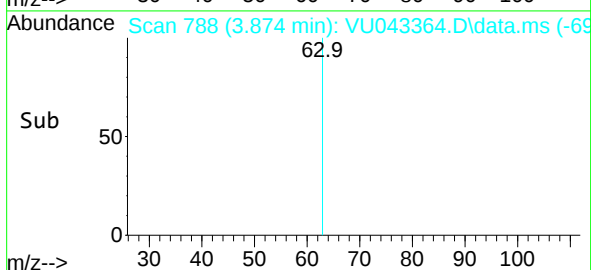
Tgt Ion: 43 Resp: 3832
Ion Ratio Lower Upper
43 100
58 31.4 21.5 32.3

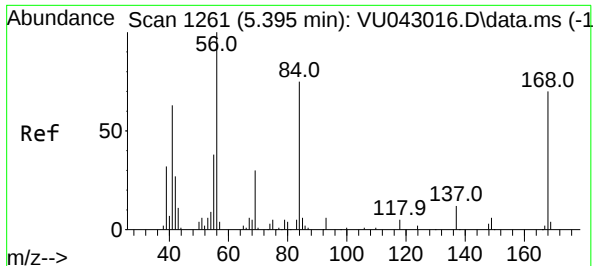


#24
1,1-Dichloroethane
Concen: 0.21 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41



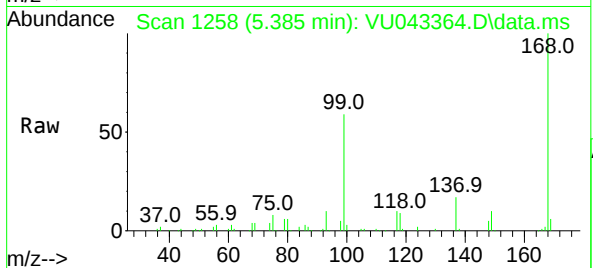
Tgt Ion: 63 Resp: 493
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.3#
100 0.0 2.1 6.2#



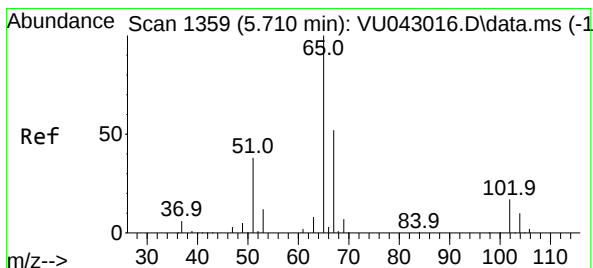
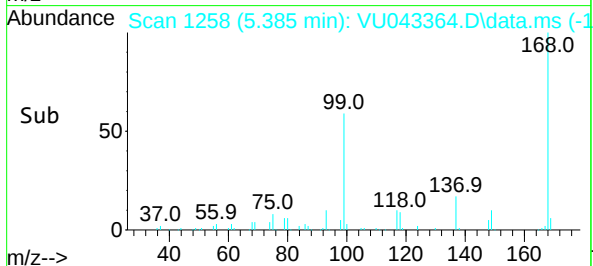
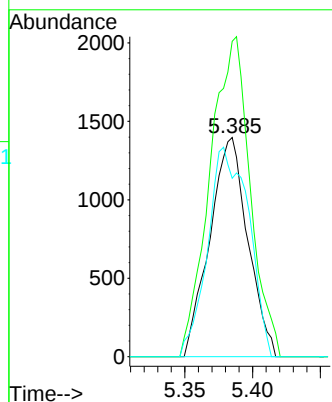


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :

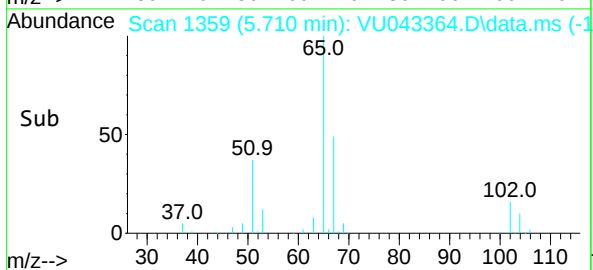
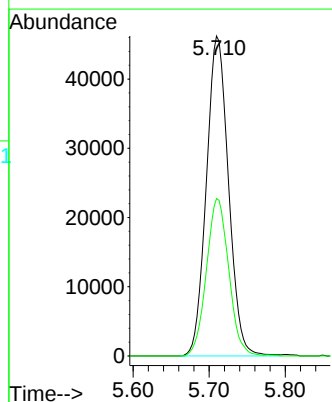
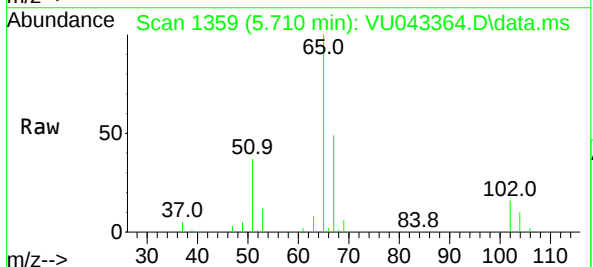


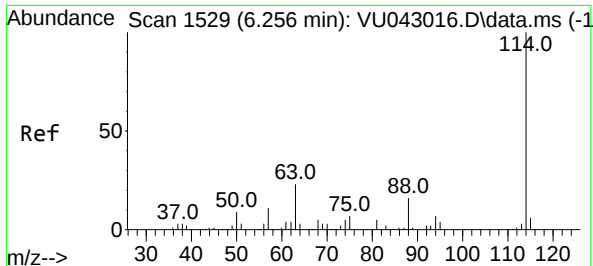
Tgt Ion: 56 Resp: 2721
Ion Ratio Lower Upper
56 100
69 143.8 24.9 37.3#
84 81.3 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 52.91 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

Tgt Ion: 65 Resp: 93523
Ion Ratio Lower Upper
65 100
67 49.6 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: VU043364.D

Acq: 27 Apr 2021 23:41

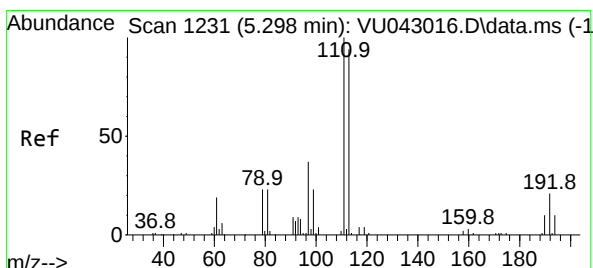
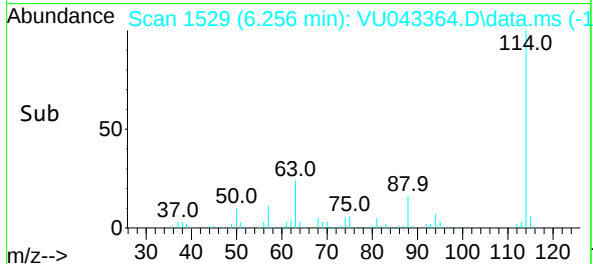
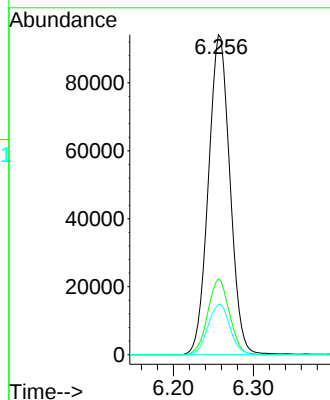
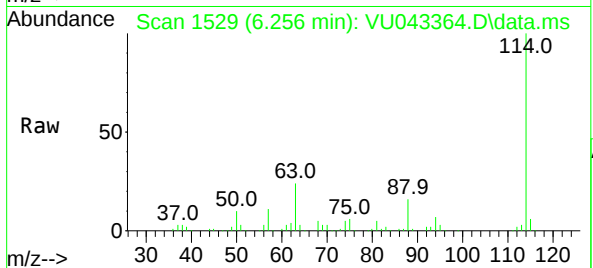
Tgt Ion:114 Resp: 176154

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 15.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.51 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043364.D

Acq: 27 Apr 2021 23:41

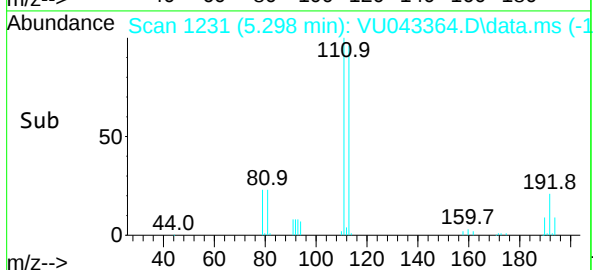
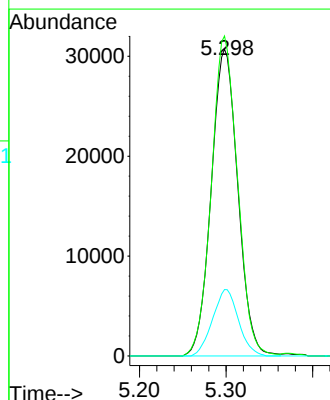
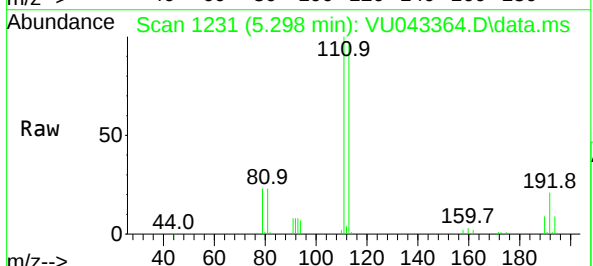
Tgt Ion:113 Resp: 65541

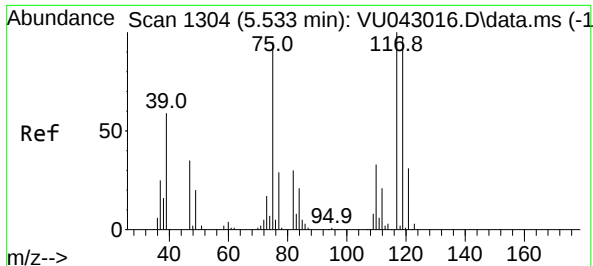
Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 21.1 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.57 ug/l

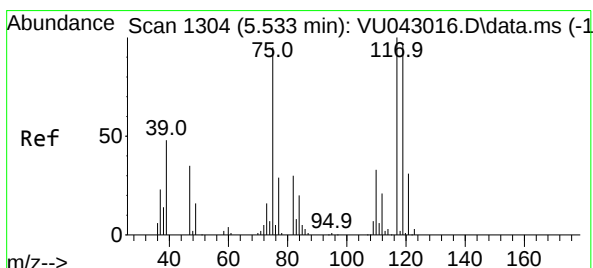
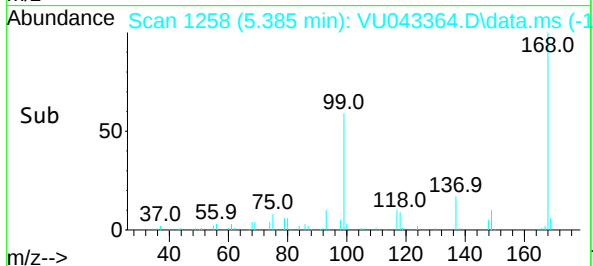
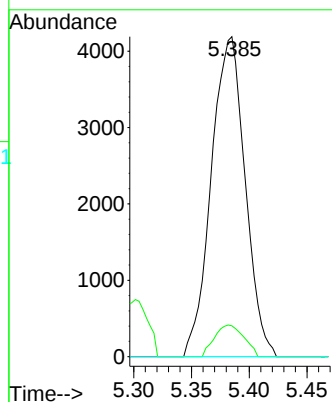
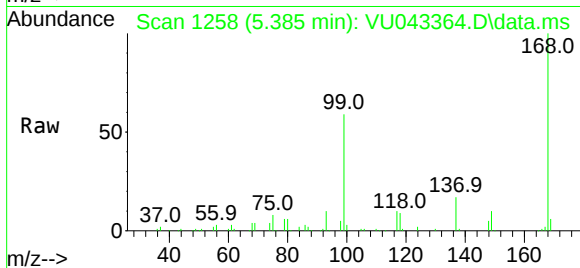
RT: 5.385 min Scan# 1258

Delta R.T. -0.148 min

Lab File: VU043364.D

Acq: 27 Apr 2021 23:41

Tgt Ion:	75	Resp:	8539
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.8	50.3#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.37 ug/l

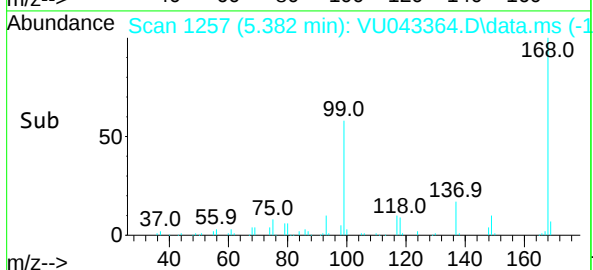
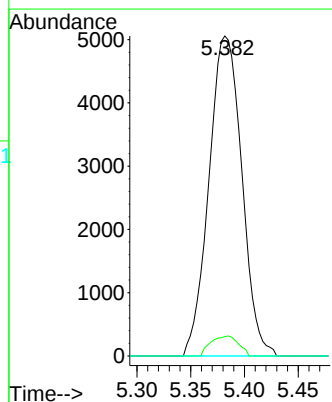
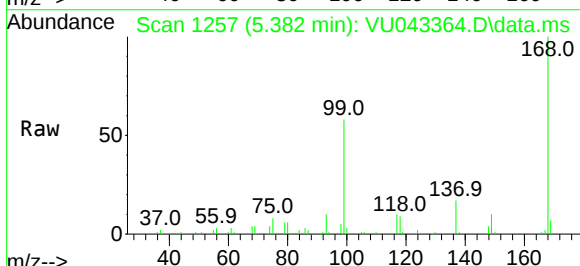
RT: 5.382 min Scan# 1257

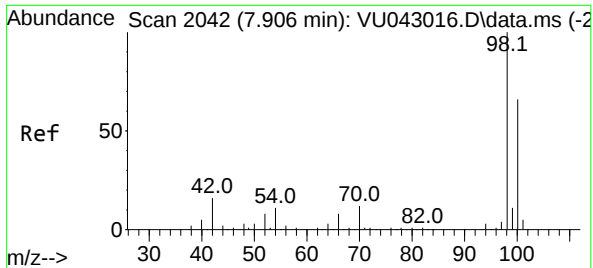
Delta R.T. -0.151 min

Lab File: VU043364.D

Acq: 27 Apr 2021 23:41

Tgt Ion:	117	Resp:	10762
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.5	113.3#
121	0.0	24.7	37.1#

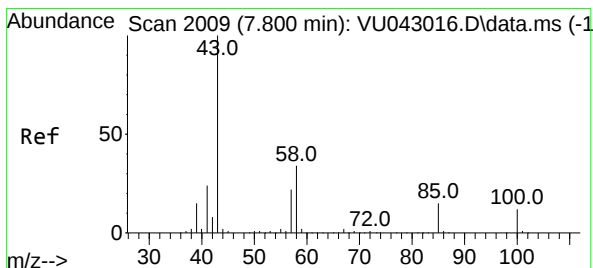
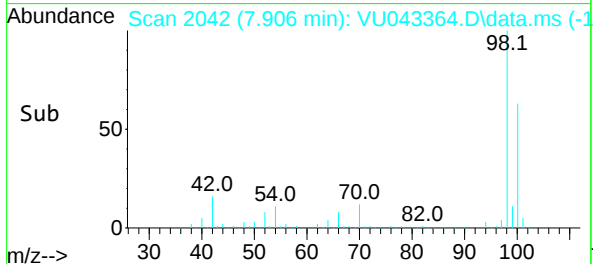
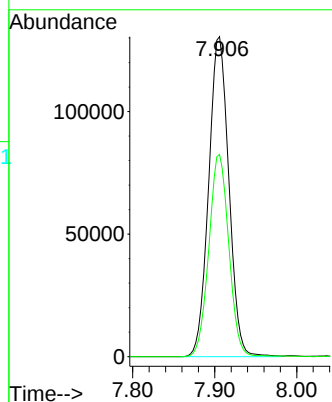
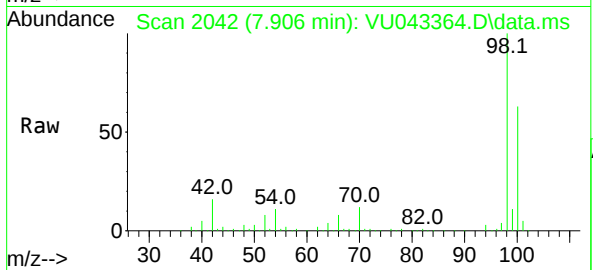




#50
Toluene-d8
Concen: 47.56 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

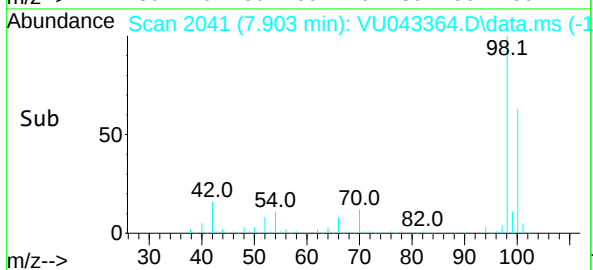
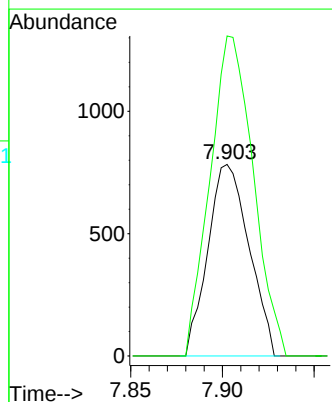
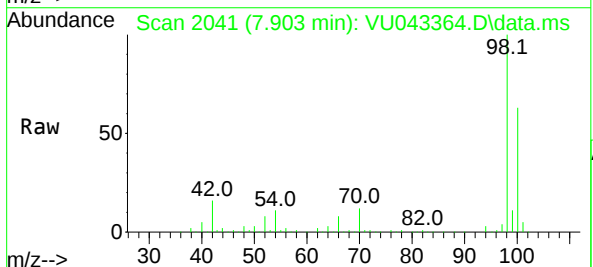
Instrument :
MSVOA_U
ClientSampleId :

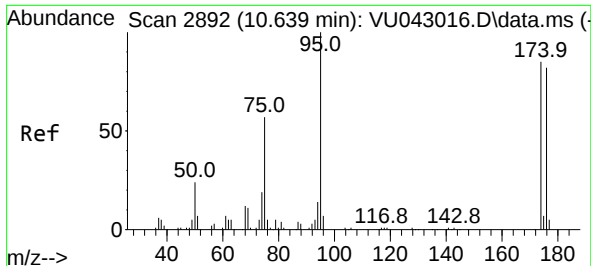
Tgt Ion: 98 Resp: 222771
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 175.4 28.1 42.1#

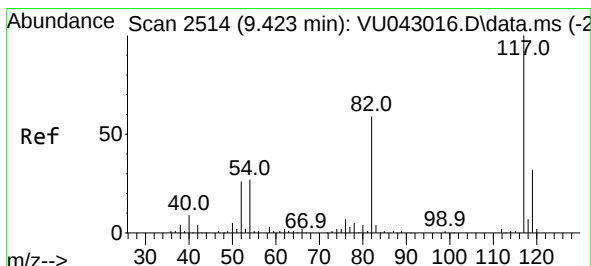
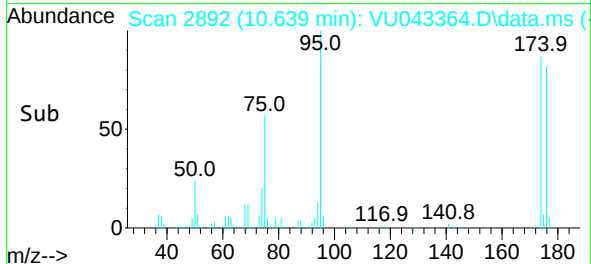
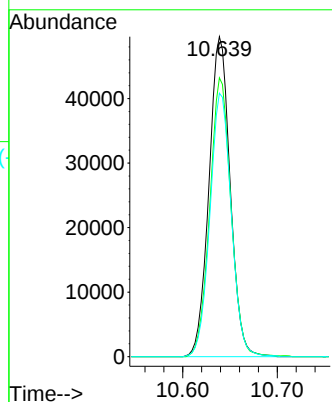
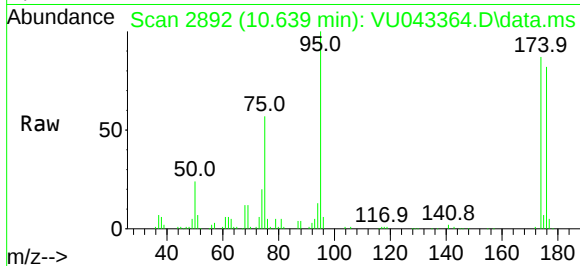




#62
4-Bromofluorobenzene
Concen: 41.20 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

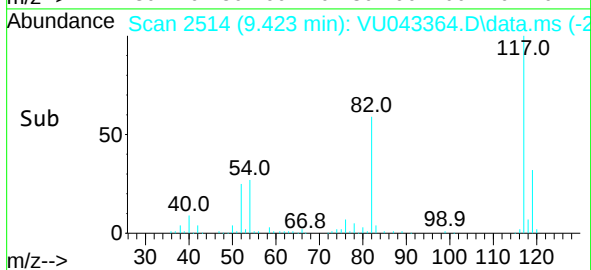
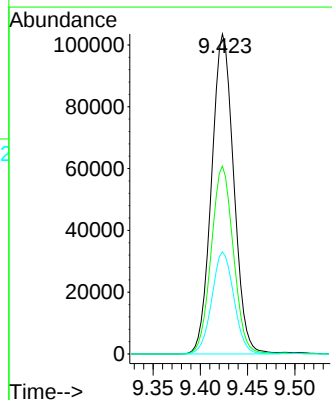
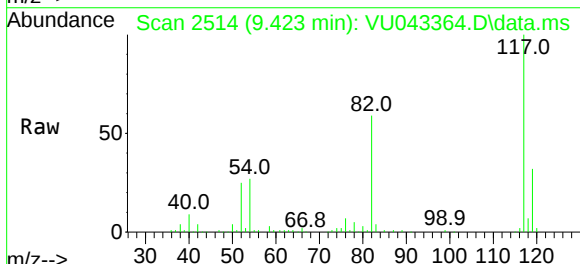
Instrument :
MSVOA_U
ClientSampleId :

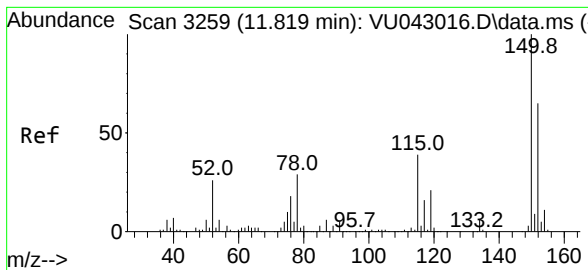
Tgt Ion: 95 Resp: 77276
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.2
176 83.0 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

Tgt Ion: 117 Resp: 169028
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 31.9 25.8 38.8

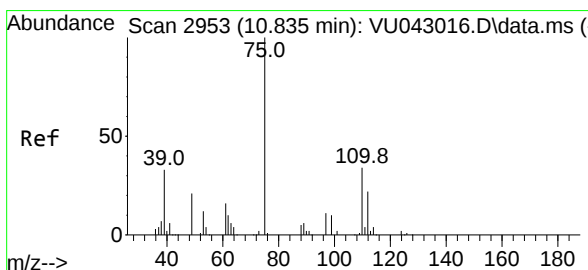
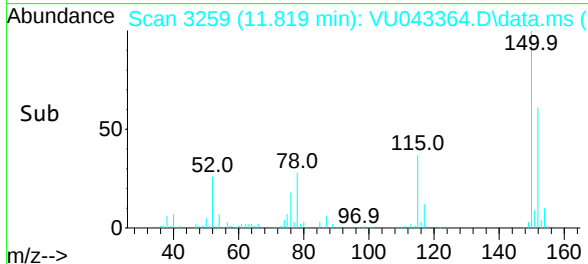
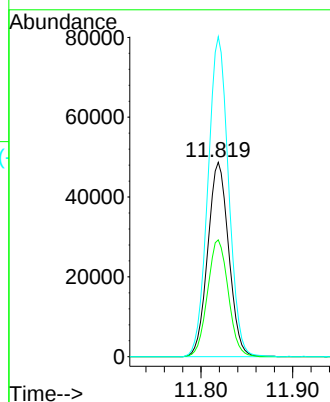
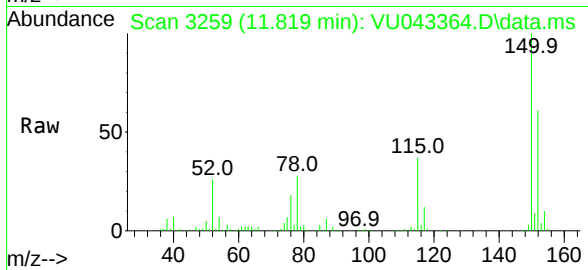




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043364.D
 Acq: 27 Apr 2021 23:41

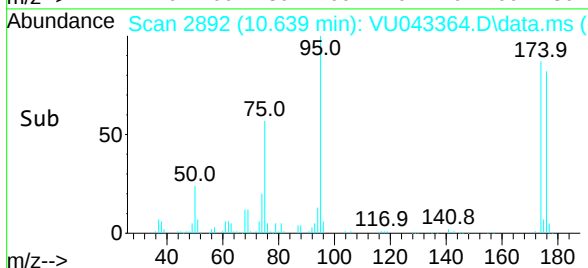
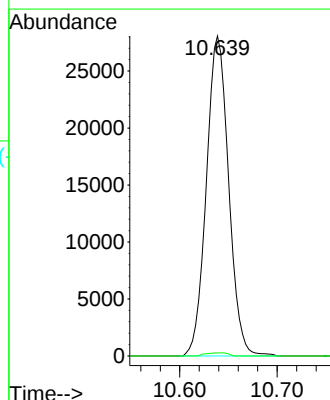
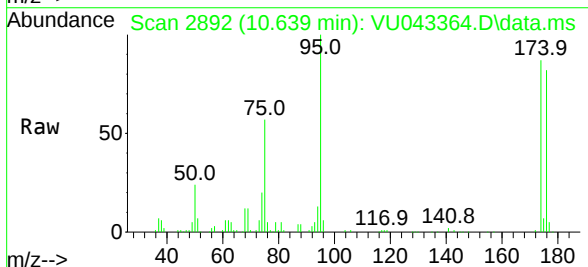
Instrument :
 MSVOA_U
 ClientSampled :

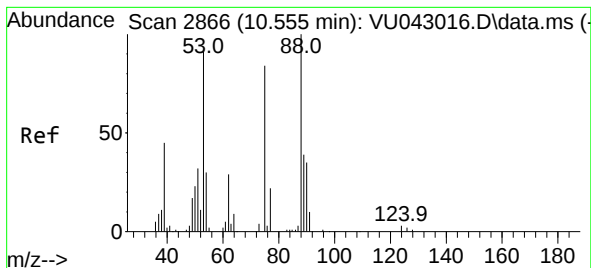
Tgt Ion:152 Resp: 77386
 Ion Ratio Lower Upper
 152 100
 115 59.4 41.5 124.6
 150 162.1 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.73 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043364.D
 Acq: 27 Apr 2021 23:41

Tgt Ion: 75 Resp: 44627
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

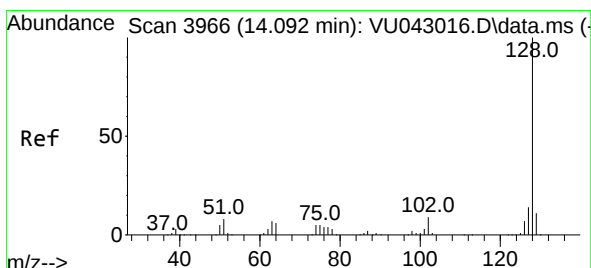
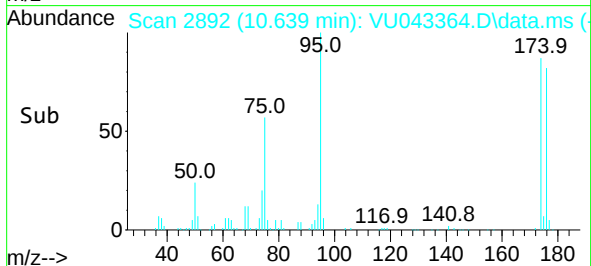
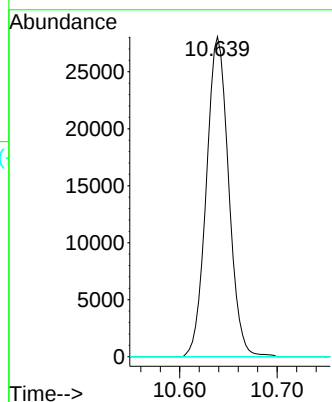
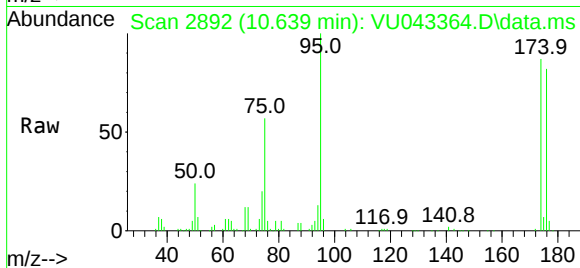




#81
trans-1,4-Dichloro-2-butene
Concen: 57.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 44627
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.76 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043364.D
Acq: 27 Apr 2021 23:41

Tgt Ion:128 Resp: 99
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

