

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043385.D
 Acq On : 28 Apr 2021 14:54
 Operator : SY/MD
 Sample : M2133-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:38:45 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)

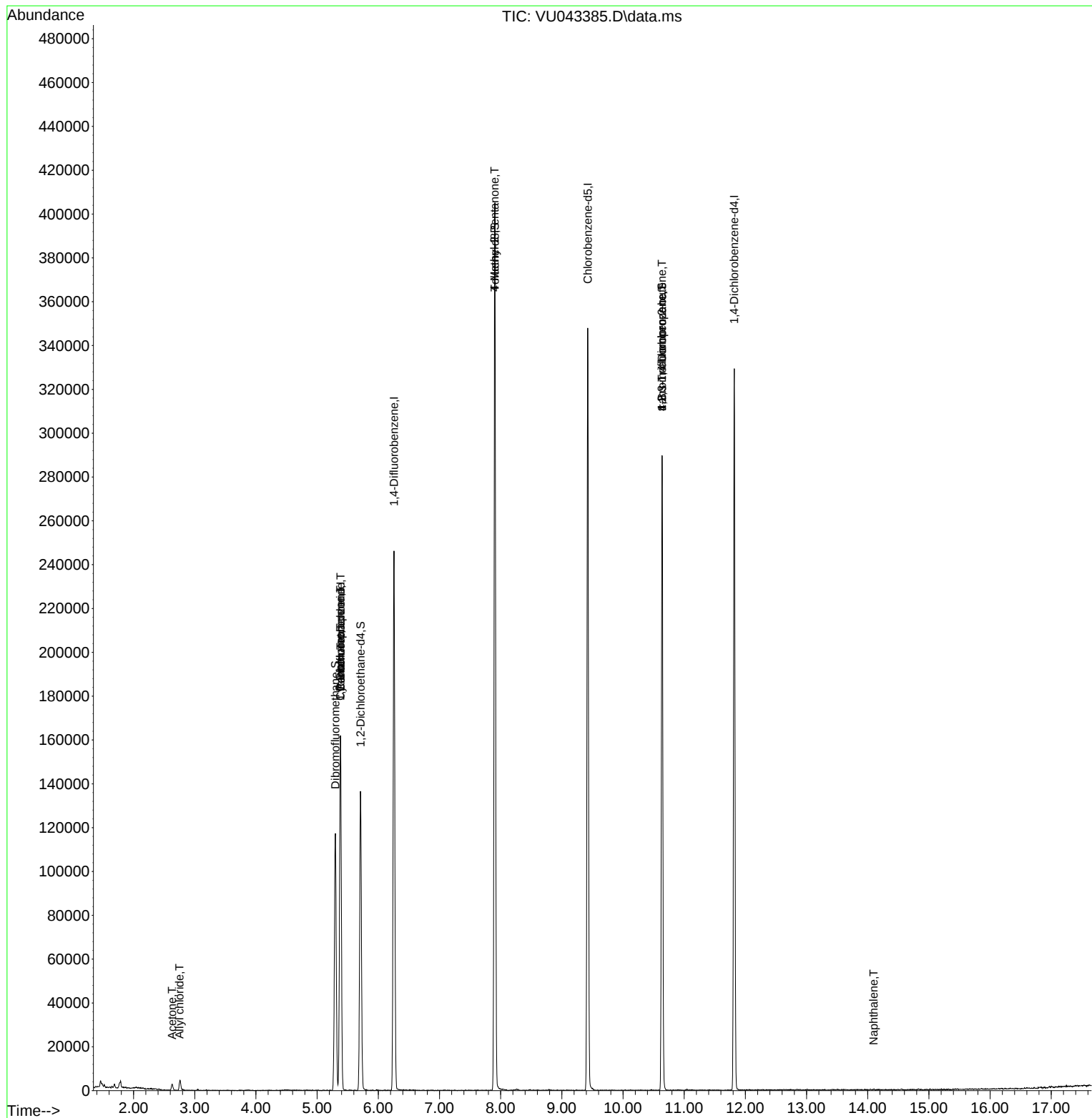
Internal Standards						
1) Pentafluorobenzene	5.382	168	107651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	180381	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	173843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	80516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102947	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
35) Dibromofluoromethane	5.298	113	71990	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
50) Toluene-d8	7.906	98	245169	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	10.639	95	84743	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	602	Below Cal		92
14) Allyl chloride	2.749	41	574	0.23 ug/l #		72
16) Acetone	2.630	43	3474	2.96 ug/l		99
31) Cyclohexane	5.379	56	2556	1.14 ug/l #		4
36) 1,1-Dichloropropene	5.379	75	9204	4.81 ug/l #		50
38) Carbon Tetrachloride	5.382	117	10984	5.35 ug/l #		17
51) 4-Methyl-2-Pentanone	7.903	43	1366	0.40 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	49397	20.99 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	49397	61.69 ug/l #		7
95) Naphthalene	14.095	128	94	2.76 ug/l #		69

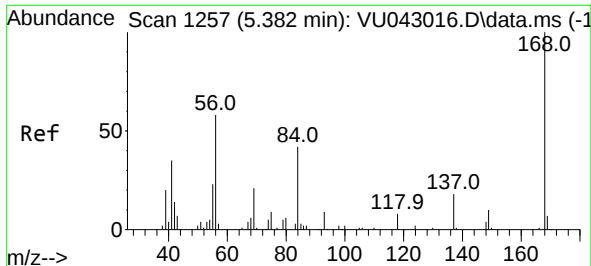
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

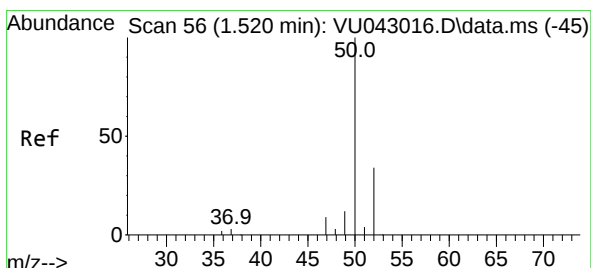
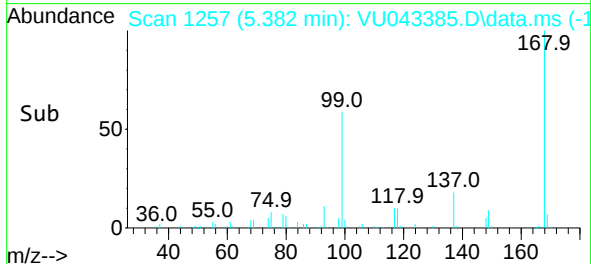
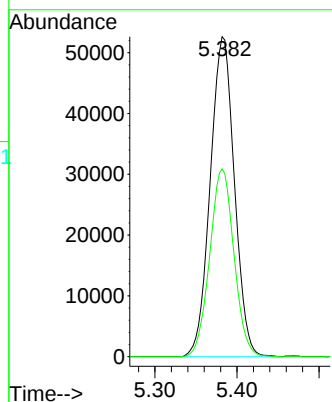
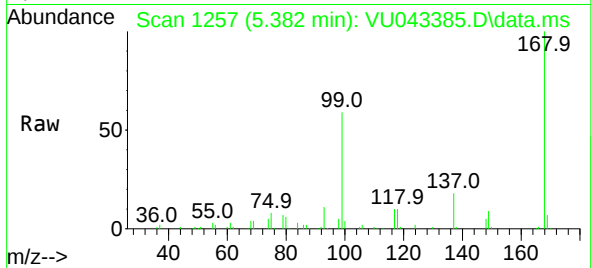




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

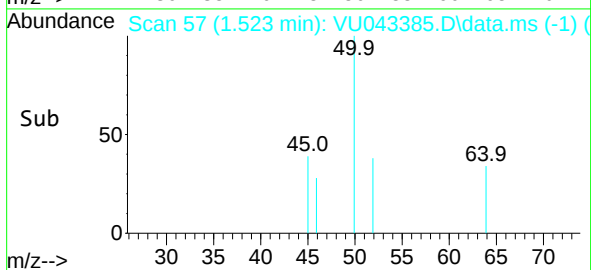
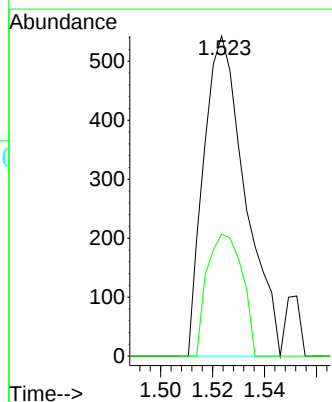
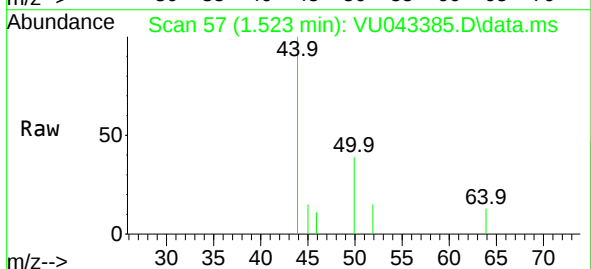
Instrument :
MSVOA_U
ClientSampleId :

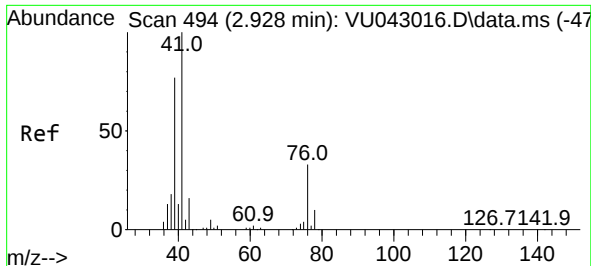
Tgt Ion:168 Resp: 107651
Ion Ratio Lower Upper
168 100
99 58.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

Tgt Ion: 50 Resp: 602
Ion Ratio Lower Upper
50 100
52 38.1 26.6 40.0





#14

Allyl chloride

Concen: 0.23 ug/l

RT: 2.749 min Scan# 438

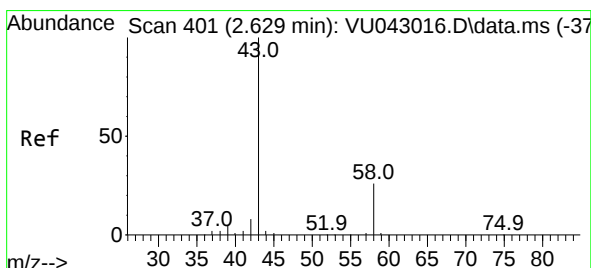
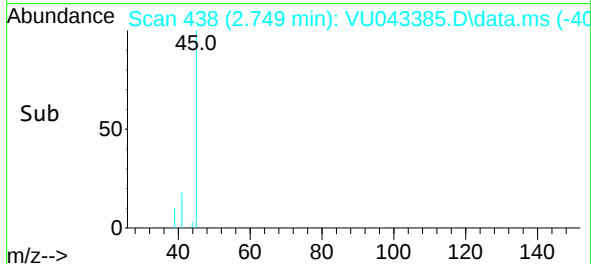
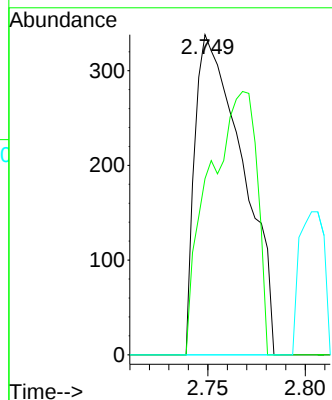
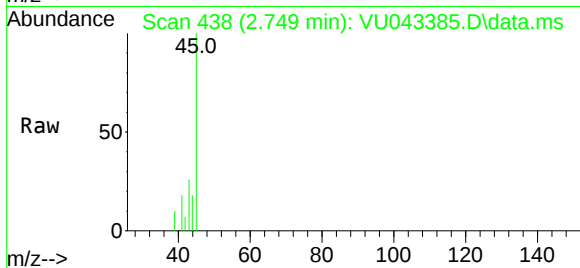
Delta R.T. -0.179 min

Lab File: VU043385.D

Acq: 28 Apr 2021 14:54

Tgt Ion:	41	Resp:	574
Ion Ratio	Lower	Upper	
41	100		
39	83.1	54.9	82.3#
76	0.0	22.5	33.7#

Instrument :
MSVOA_U
ClientSampleId :



#16

Acetone

Concen: 2.96 ug/l

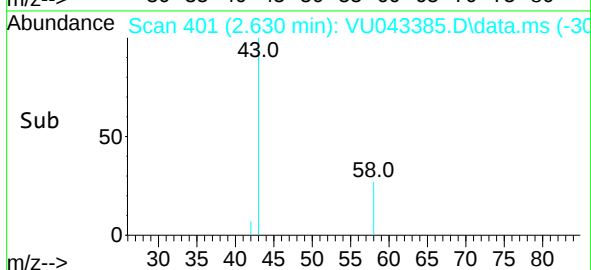
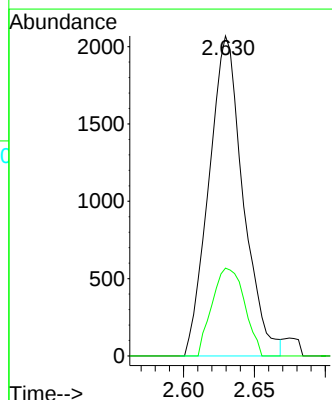
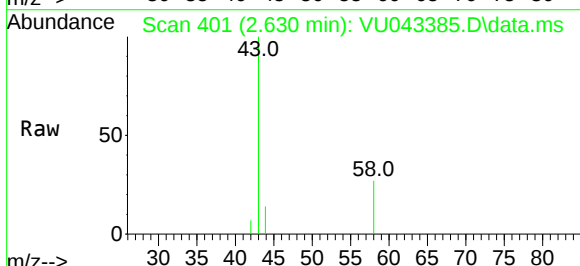
RT: 2.630 min Scan# 401

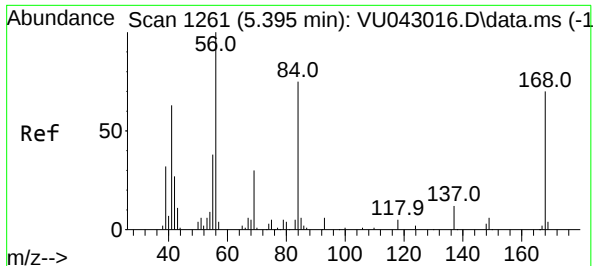
Delta R.T. 0.001 min

Lab File: VU043385.D

Acq: 28 Apr 2021 14:54

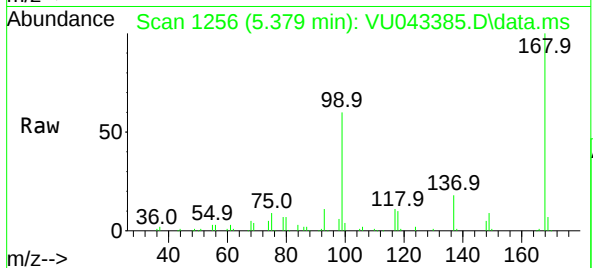
Tgt Ion:	43	Resp:	3474
Ion Ratio	Lower	Upper	
43	100		
58	27.5	21.5	32.3



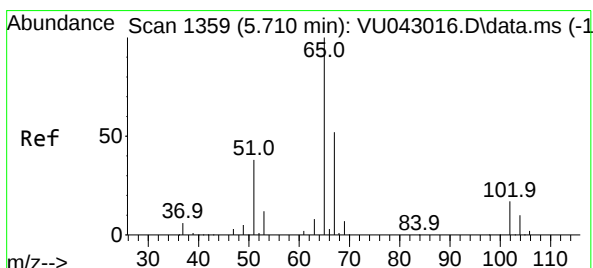
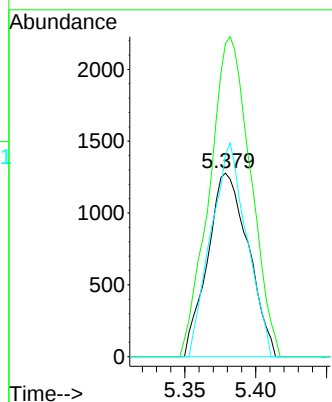
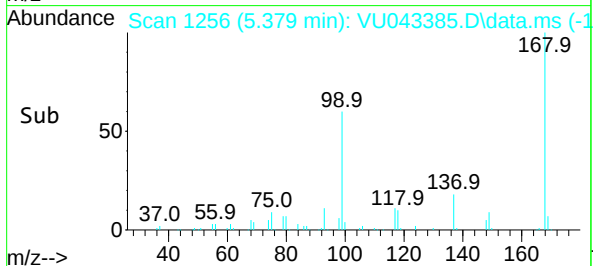


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

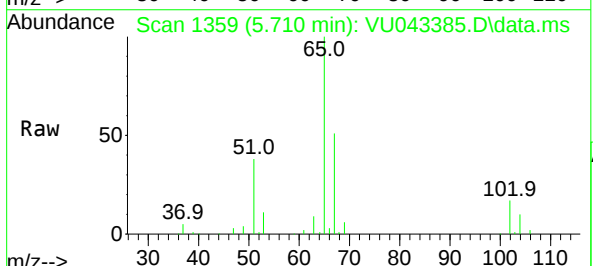
Instrument :
MSVOA_U
ClientSampled :



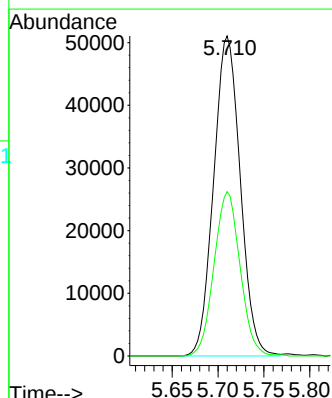
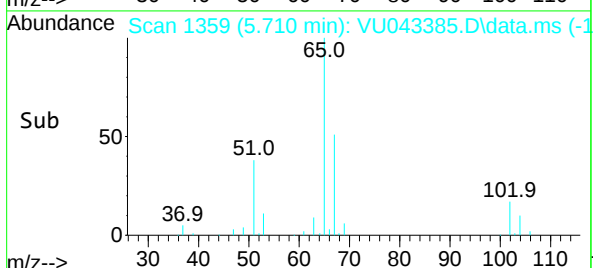
Tgt Ion: 56 Resp: 2556
Ion Ratio Lower Upper
56 100
69 170.6 24.9 37.3#
84 109.9 63.7 95.5#

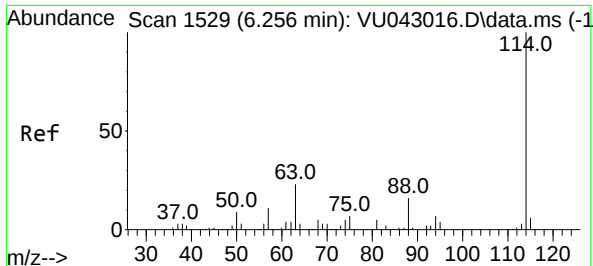


#33
1,2-Dichloroethane-d4
Concen: 56.89 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54



Tgt Ion: 65 Resp: 102947
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8

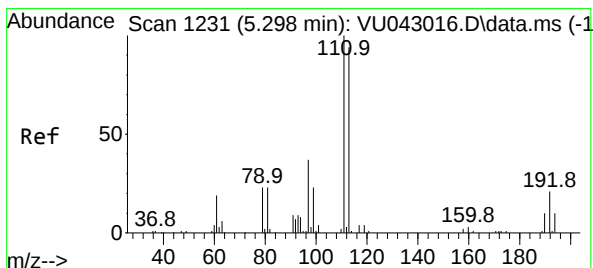
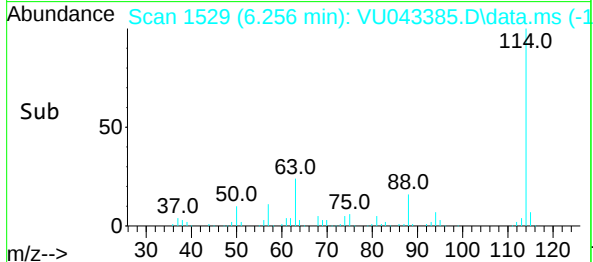
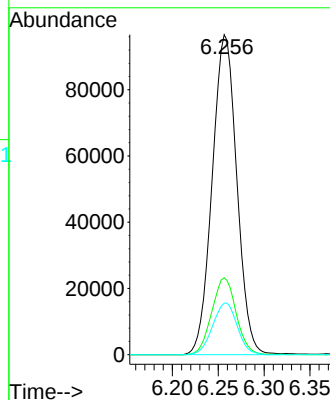
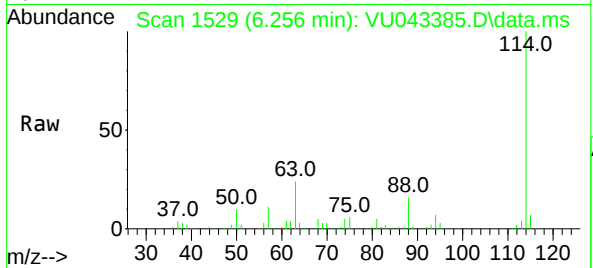




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

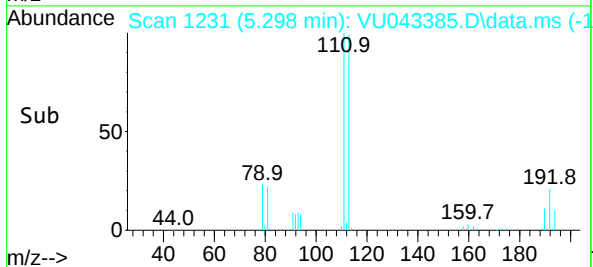
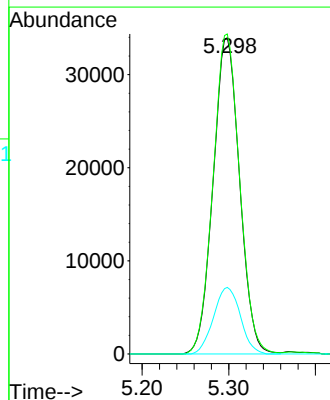
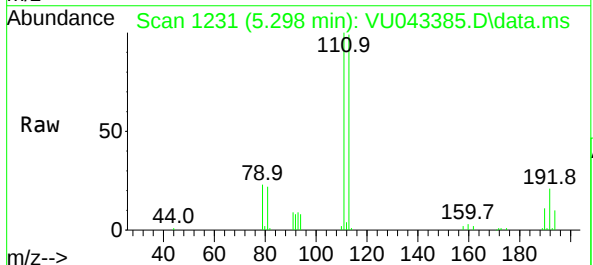
Instrument :
MSVOA_U
ClientSampled :

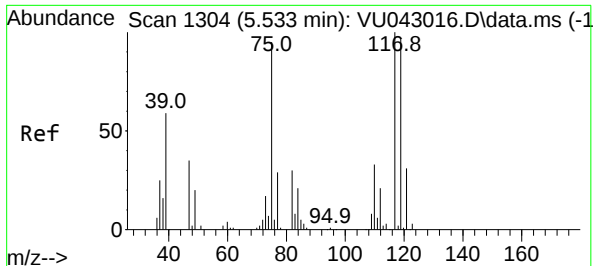
Tgt Ion:114 Resp: 180381
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.2
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.11 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

Tgt Ion:113 Resp: 71990
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 21.3 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.81 ug/l

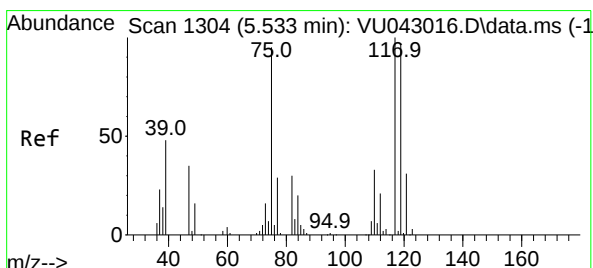
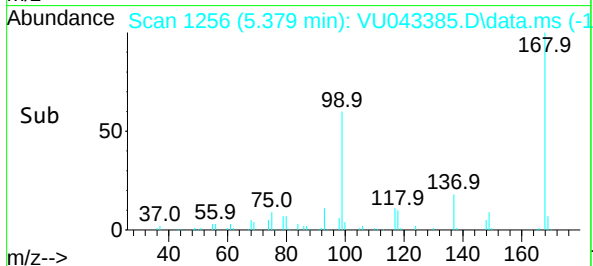
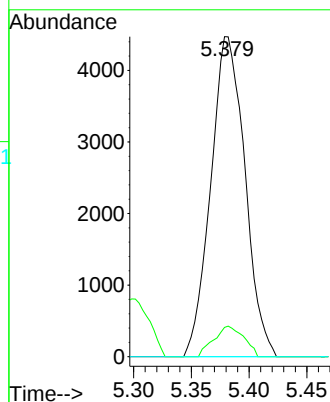
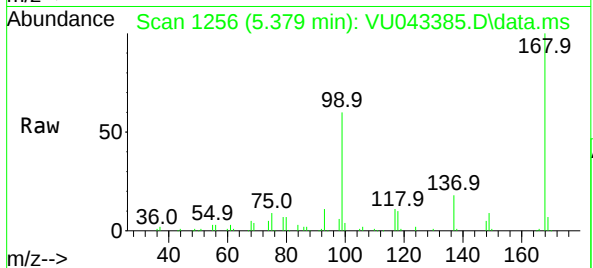
RT: 5.379 min Scan# 1256

Delta R.T. -0.154 min

Lab File: VU043385.D

Acq: 28 Apr 2021 14:54

Tgt Ion:	75	Resp:	9204
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.3#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.35 ug/l

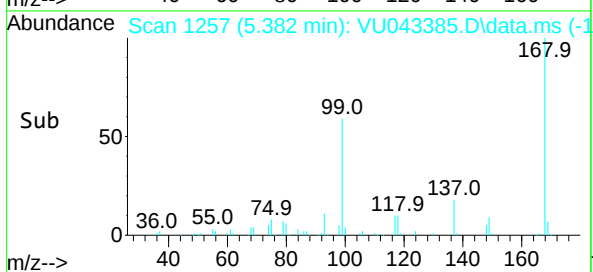
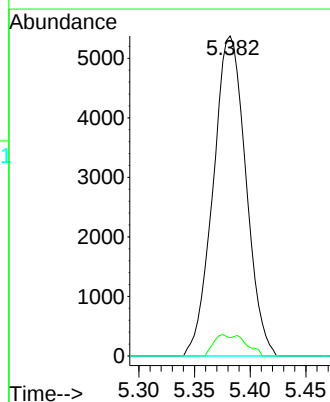
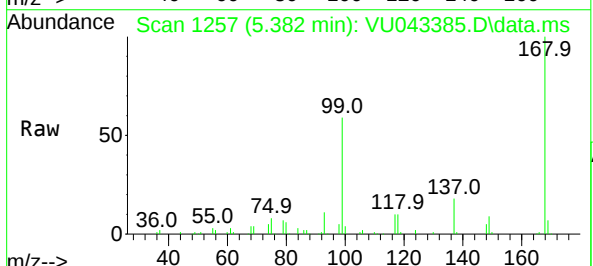
RT: 5.382 min Scan# 1257

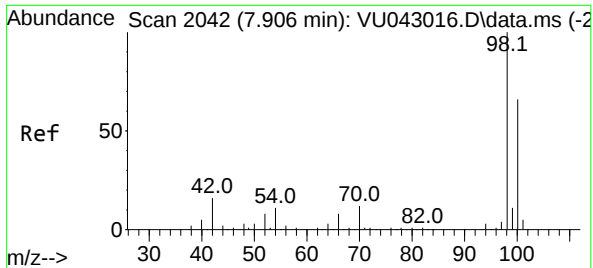
Delta R.T. -0.151 min

Lab File: VU043385.D

Acq: 28 Apr 2021 14:54

Tgt Ion:	117	Resp:	10984
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.5	113.3#
121	0.0	24.7	37.1#

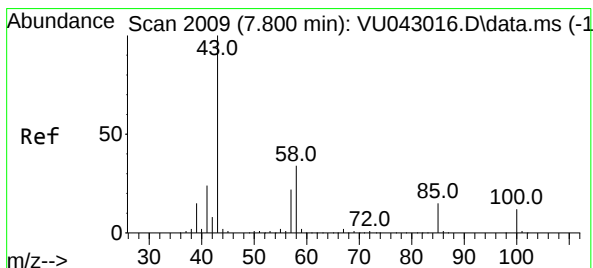
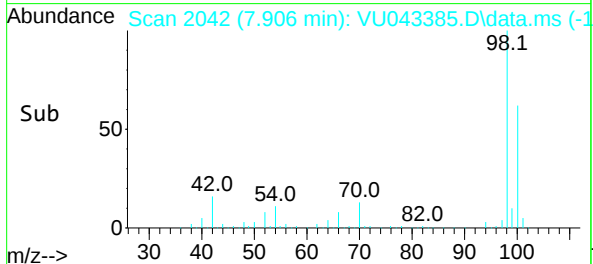
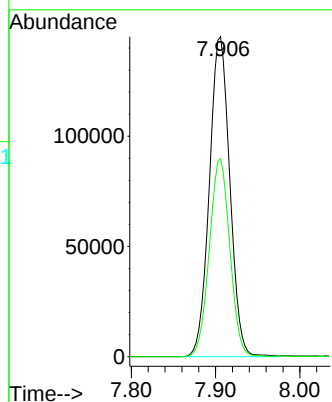
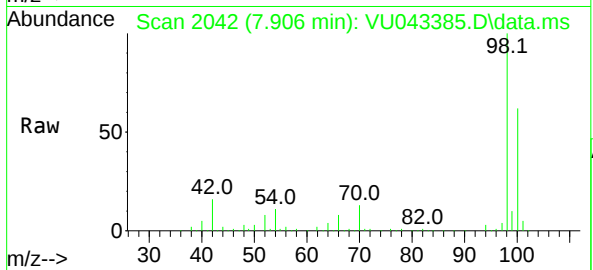




#50
Toluene-d8
Concen: 51.12 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

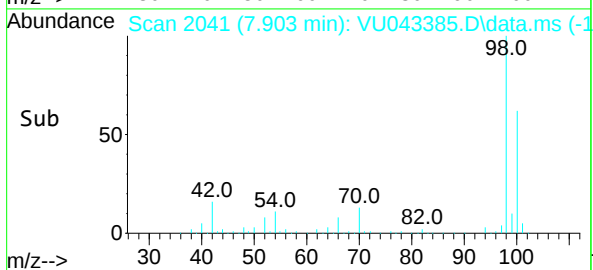
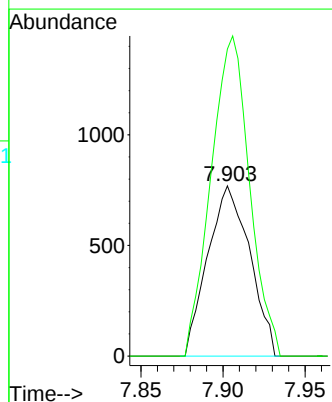
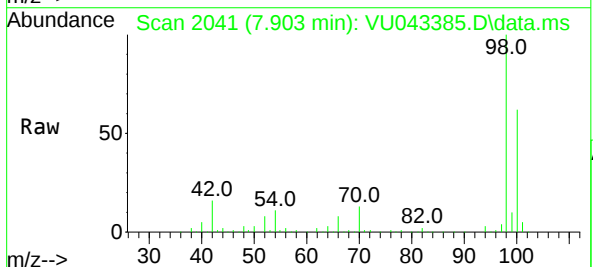
Instrument :
MSVOA_U
ClientSampled :

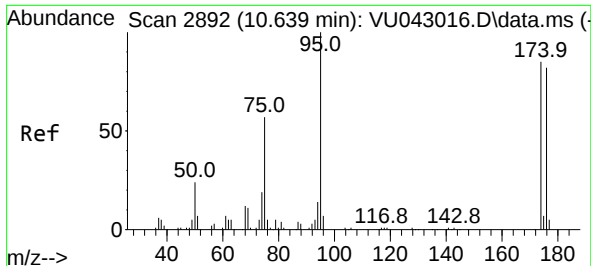
Tgt Ion: 98 Resp: 245169
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
58 173.1 28.1 42.1#

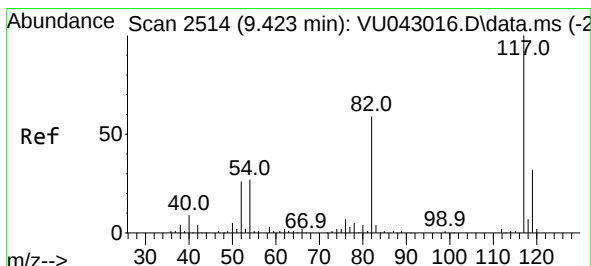
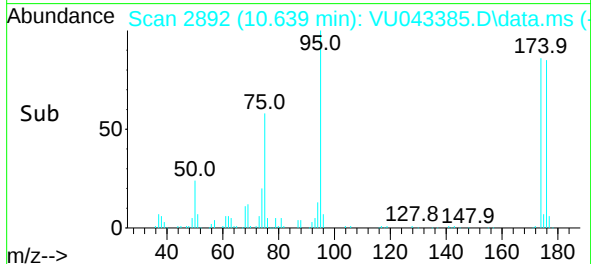
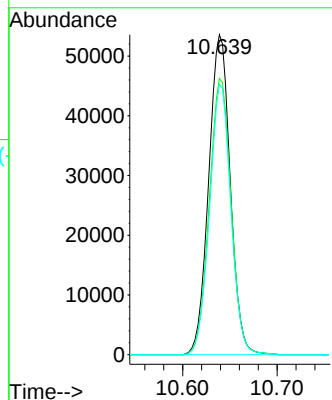
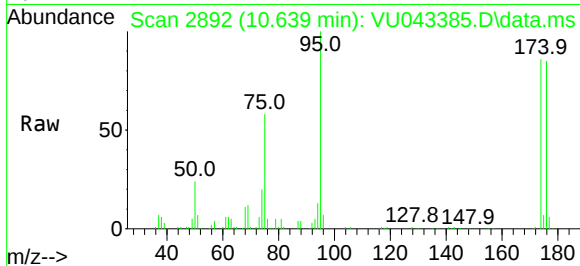




#62
4-Bromofluorobenzene
Concen: 44.12 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

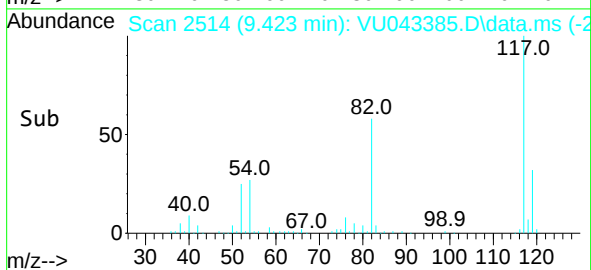
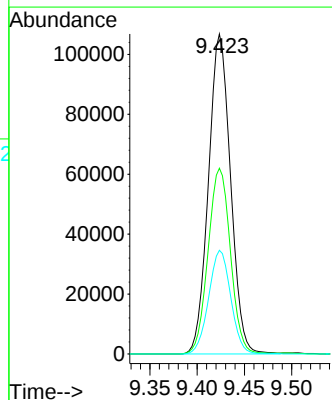
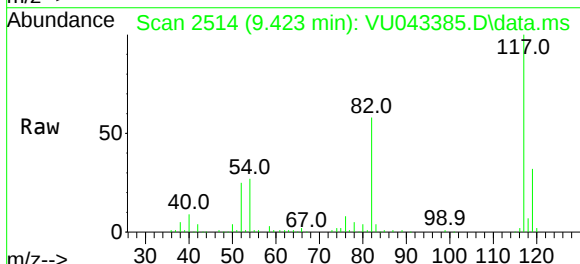
Instrument :
MSVOA_U
ClientSampleId :

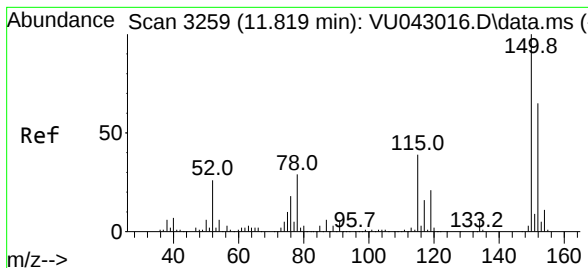
Tgt Ion: 95 Resp: 84743
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 83.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

Tgt Ion: 117 Resp: 173843
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.6
119 32.4 25.8 38.8

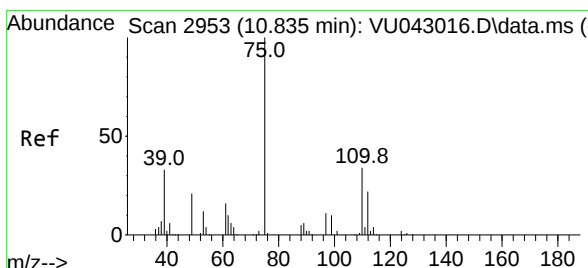
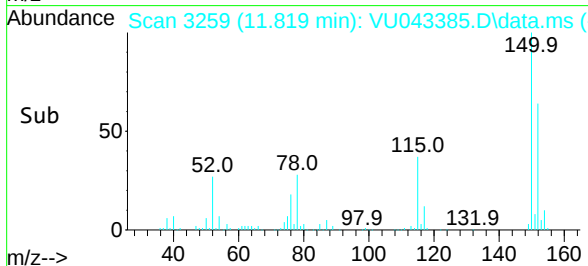
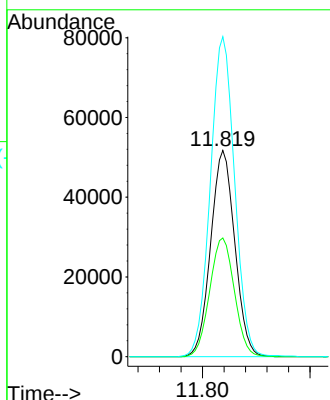
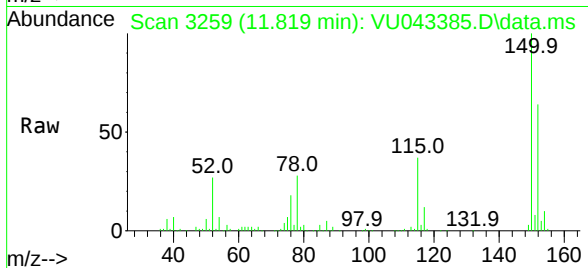




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043385.D
 Acq: 28 Apr 2021 14:54

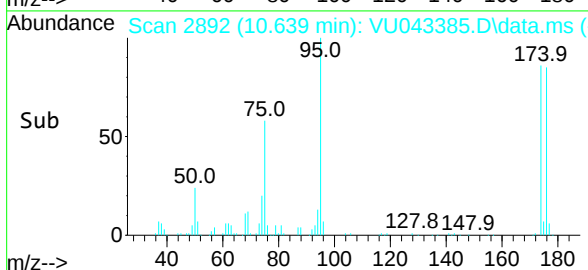
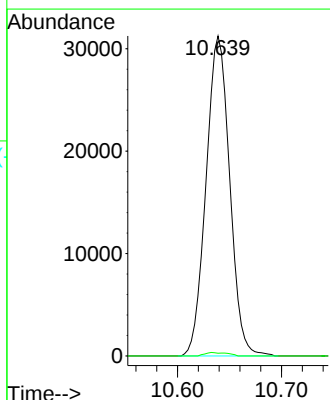
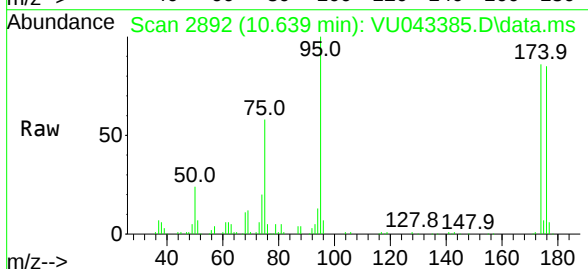
Instrument :
 MSVOA_U
 ClientSampleId :

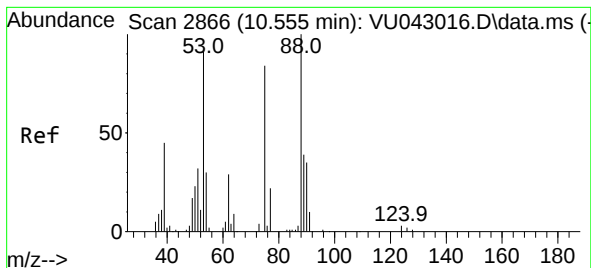
Tgt Ion:152 Resp: 80516
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.5 124.6
 150 156.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.99 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043385.D
 Acq: 28 Apr 2021 14:54

Tgt Ion: 75 Resp: 49397
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

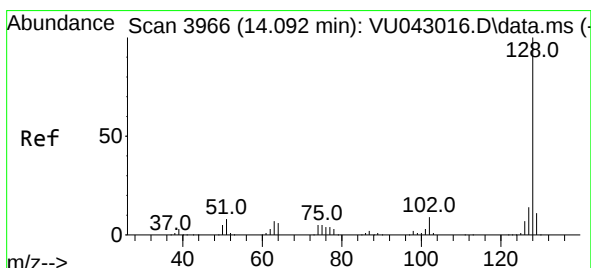
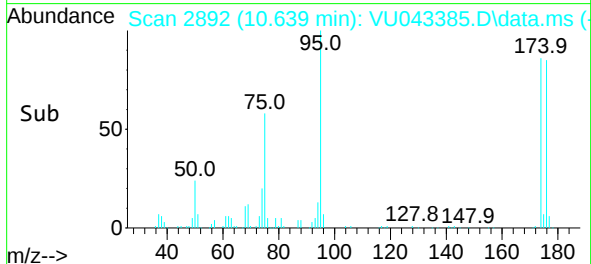
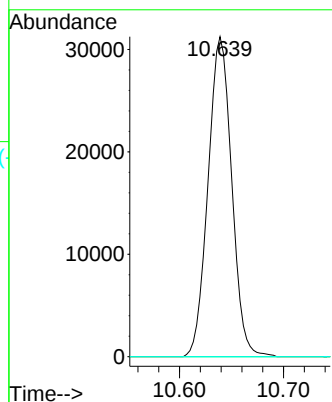
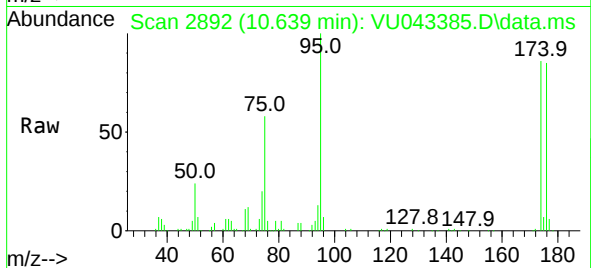




#81
trans-1,4-Dichloro-2-butene
Concen: 61.69 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 49397
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: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043385.D
Acq: 28 Apr 2021 14:54

Tgt Ion: 128 Resp: 94
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

