

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043389.D
 Acq On : 28 Apr 2021 16:27
 Operator : SY/MD
 Sample : M2133-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:39:49 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

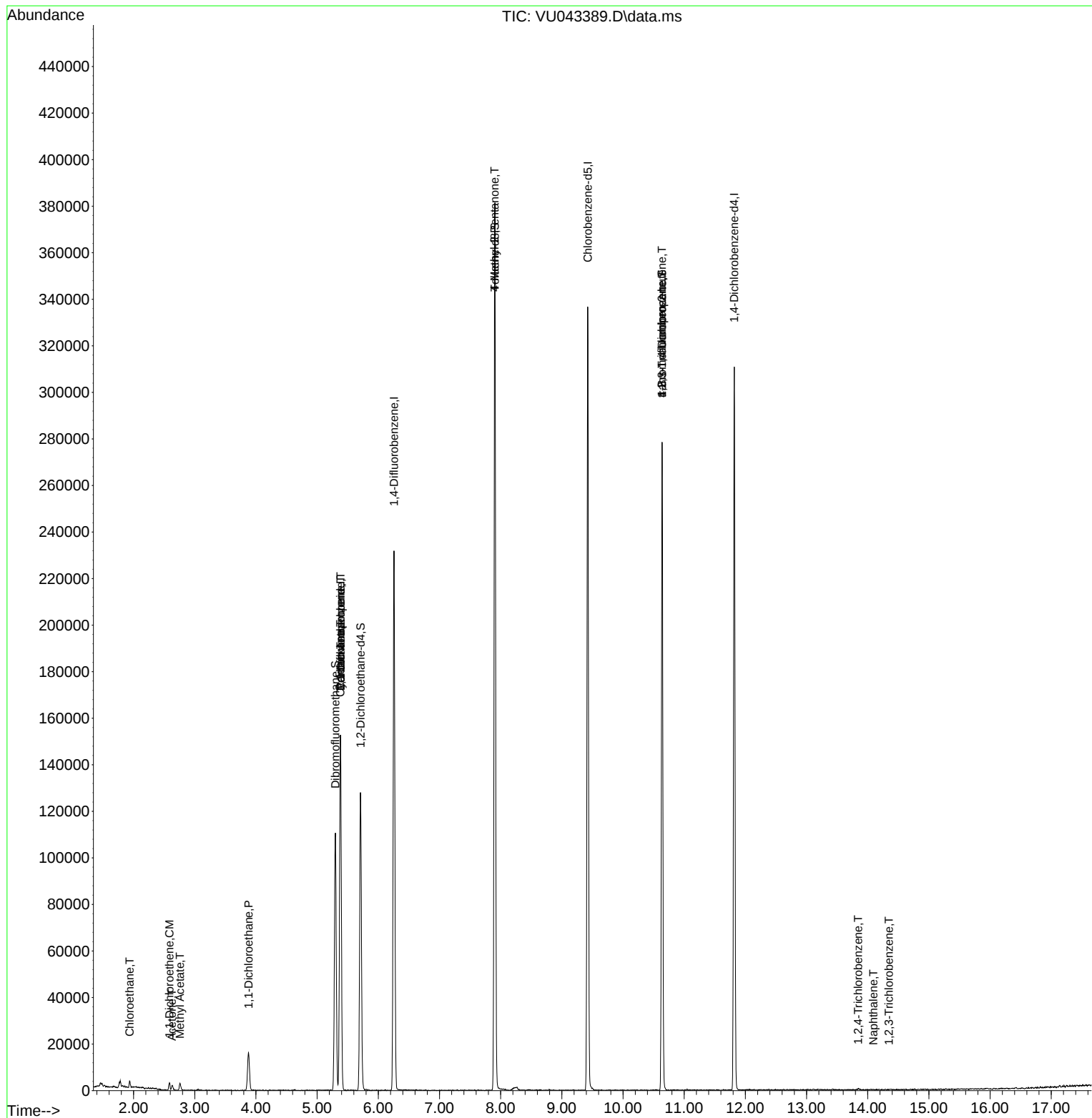
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	101485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	169094	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	166624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	77919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97574	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
35) Dibromofluoromethane	5.298	113	67825	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	7.906	98	229678	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	10.639	95	81433	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
Target Compounds						
3) Chloromethane	1.523	50	476	Below Cal		95
6) Chloroethane	1.938	64	1937	2.42	ug/l	96
12) 1,1-Dichloroethene	2.588	96	993	1.05	ug/l	91
16) Acetone	2.626	43	2535	2.22	ug/l	92
18) Methyl Acetate	2.758	43	838	0.39	ug/l #	55
24) 1,1-Dichloroethane	3.880	63	18769	8.42	ug/l	99
31) Cyclohexane	5.378	56	2365	1.12	ug/l #	26
36) 1,1-Dichloropropene	5.382	75	8587	4.79	ug/l #	47
38) Carbon Tetrachloride	5.382	117	10595	5.51	ug/l #	17
51) 4-Methyl-2-Pentanone	7.902	43	1398	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	45530	20.00	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	45530	58.76	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.841	180	308	1.67	ug/l #	79
95) Naphthalene	14.092	128	145	2.77	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.346	180	22	1.47	ug/l #	82

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

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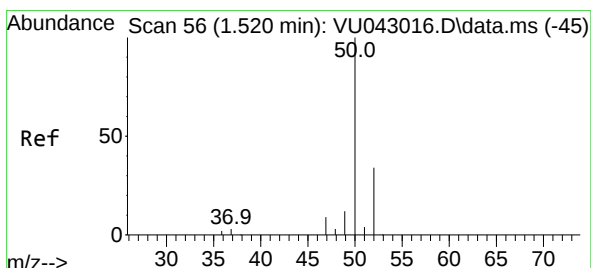
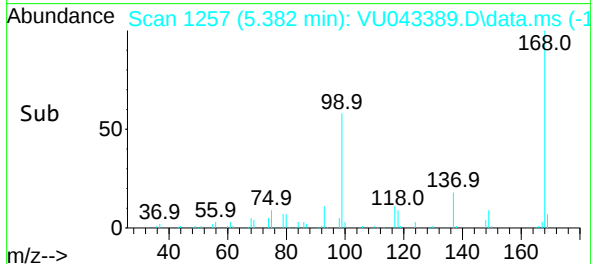
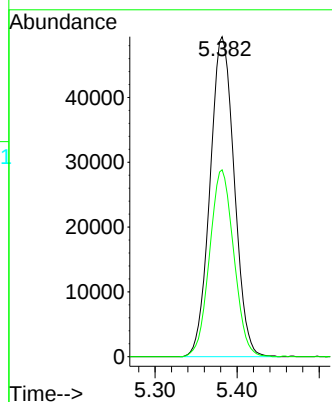
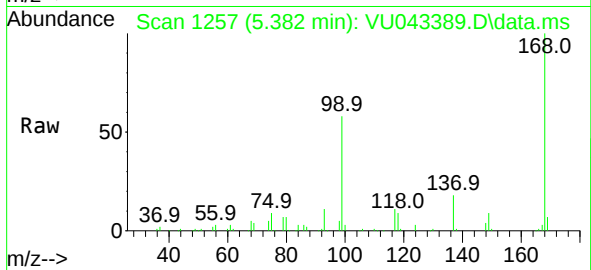




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

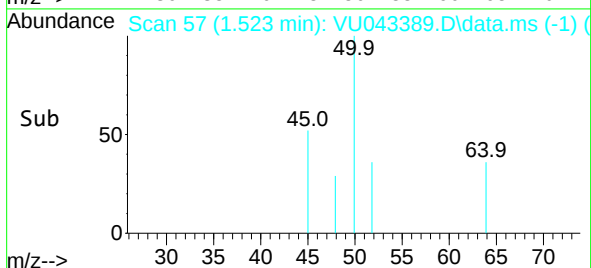
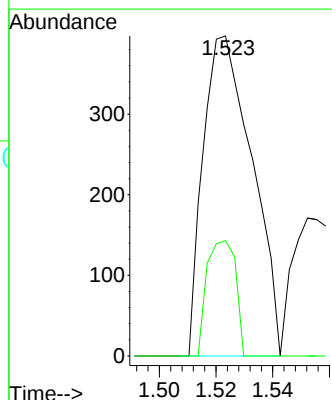
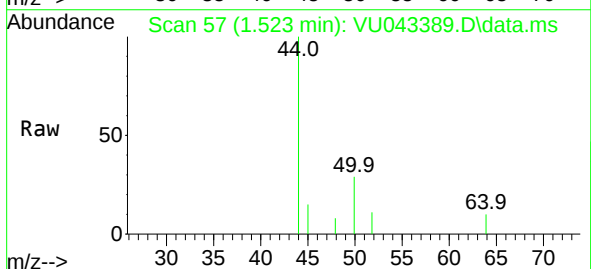
Instrument :
MSVOA_U
ClientSampled :

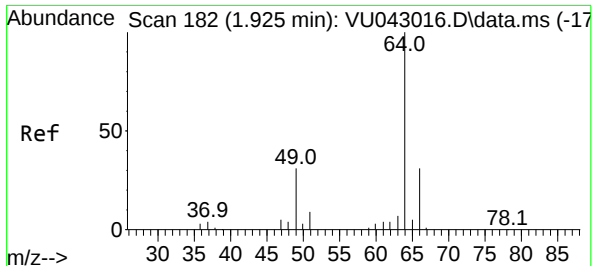
Tgt Ion:168 Resp: 101485
Ion Ratio Lower Upper
168 100
99 58.4 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

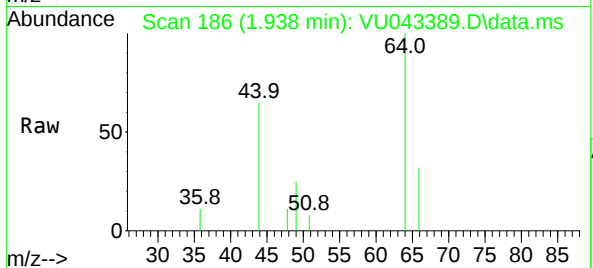
Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0



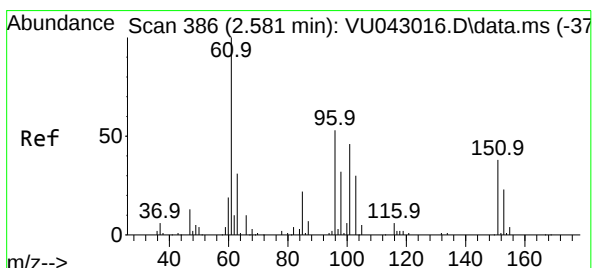
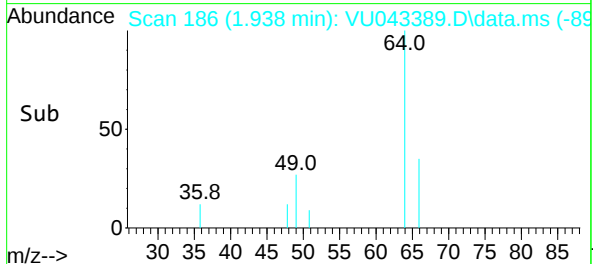
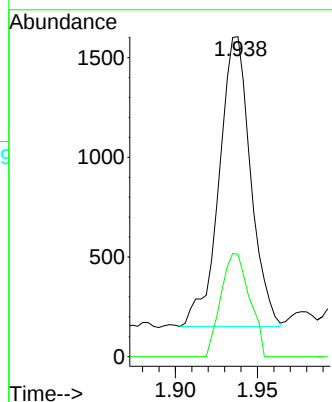


#6
Chloroethane
Concen: 2.42 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

Instrument :
MSVOA_U
ClientSampled :

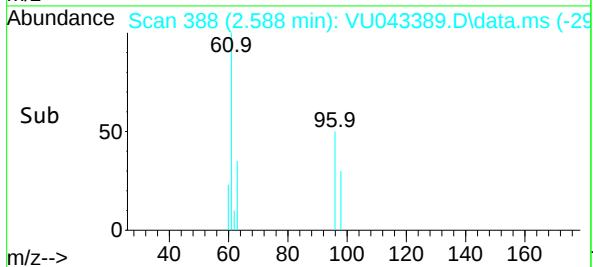
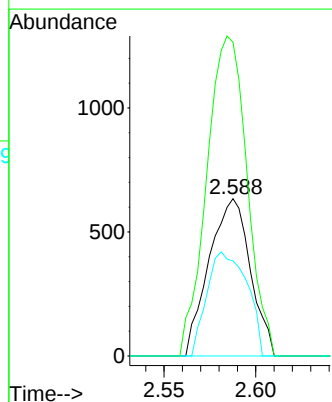
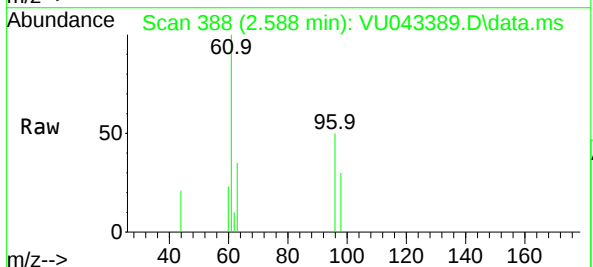


Tgt Ion: 64 Resp: 1937
Ion Ratio Lower Upper
64 100
66 35.4 26.4 39.6



#12
1,1-Dichloroethene
Concen: 1.05 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

Tgt Ion: 96 Resp: 993
Ion Ratio Lower Upper
96 100
61 199.5 147.4 221.0
98 60.4 51.4 77.2

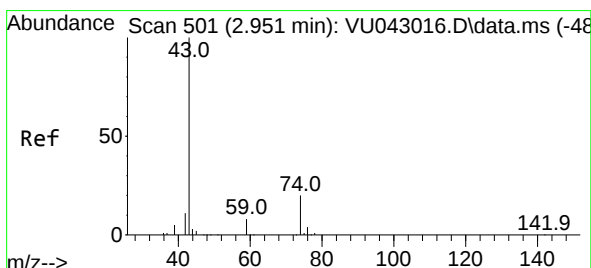
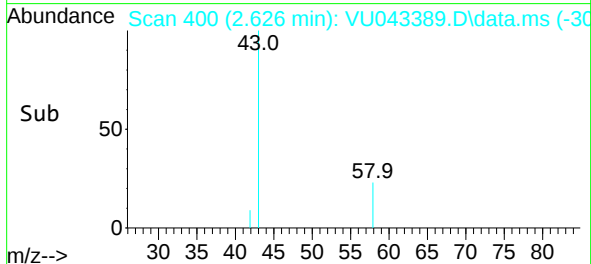
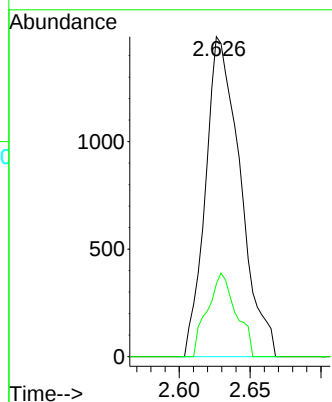
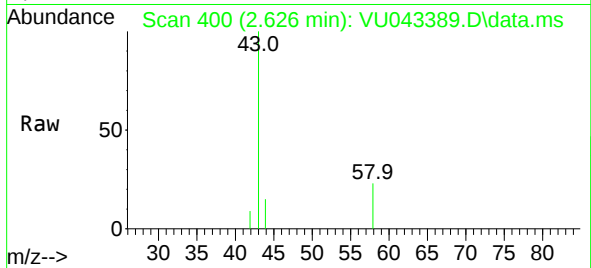




#16
Acetone
Concen: 2.22 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

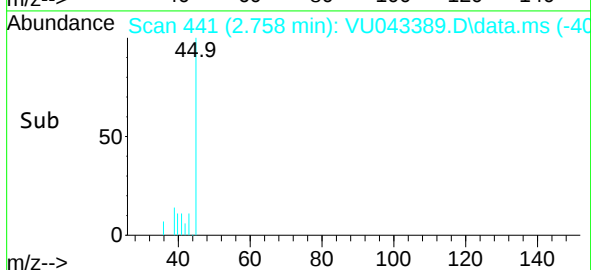
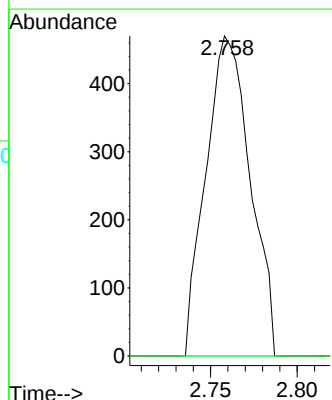
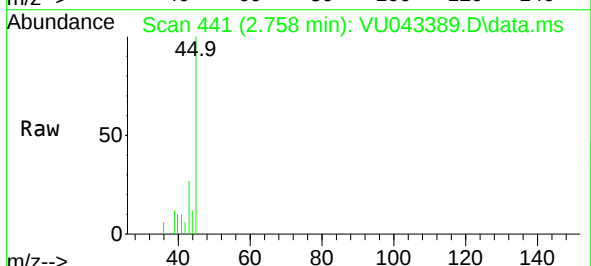
Instrument :
MSVOA_U
ClientSampled :

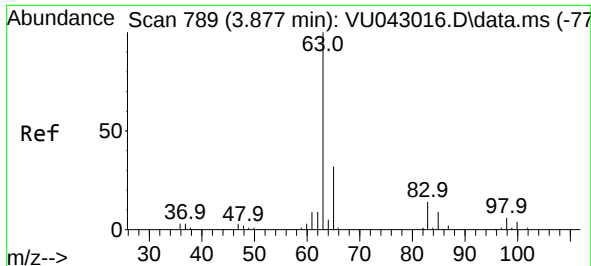
Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
58 22.7 21.5 32.3



#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

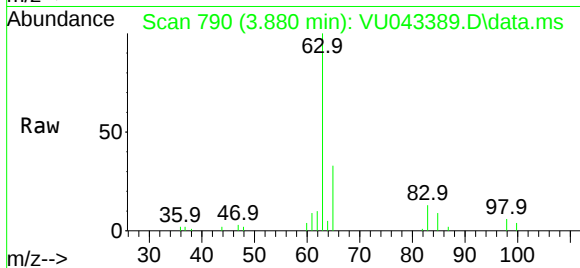
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



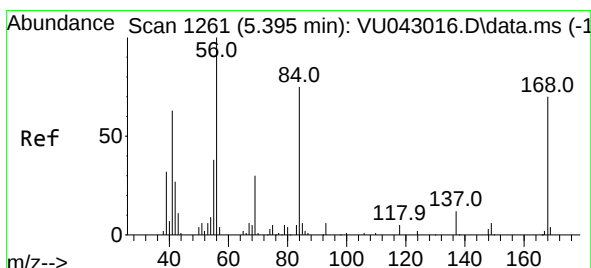
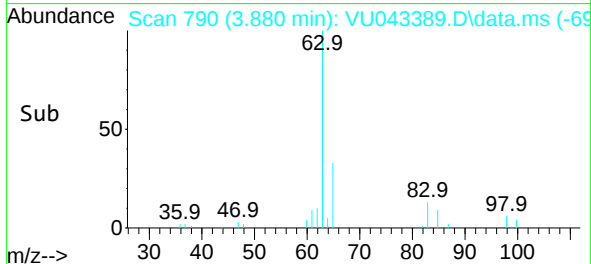
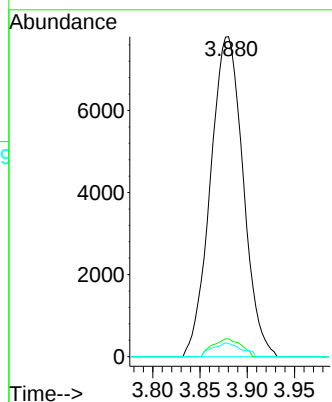


#24
1,1-Dichloroethane
Concen: 8.42 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

Instrument :
MSVOA_U
ClientSampled :

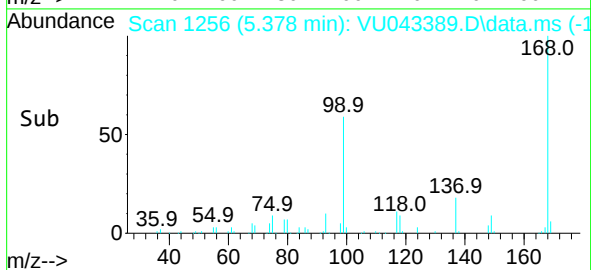
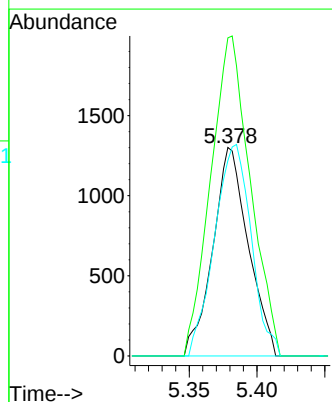
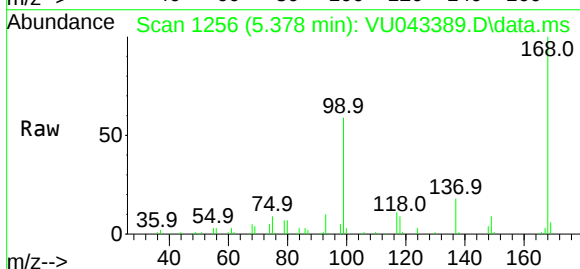


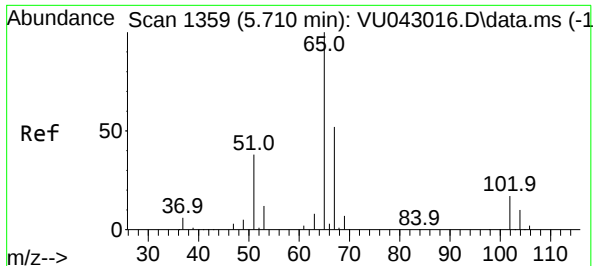
Tgt Ion: 63 Resp: 18769
Ion Ratio Lower Upper
63 100
98 5.6 3.1 9.3
100 4.2 2.1 6.2



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

Tgt Ion: 56 Resp: 2365
Ion Ratio Lower Upper
56 100
69 152.6 24.9 37.3#
84 93.7 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 57.19 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043389.D

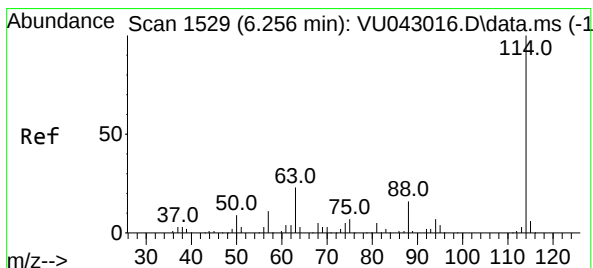
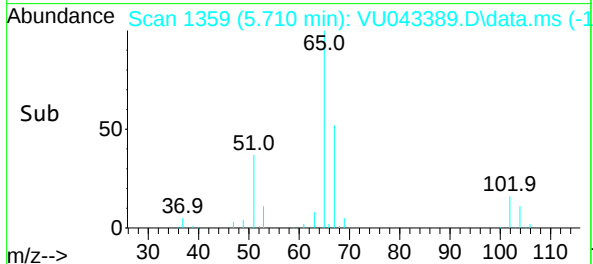
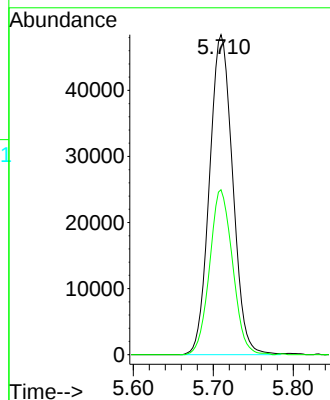
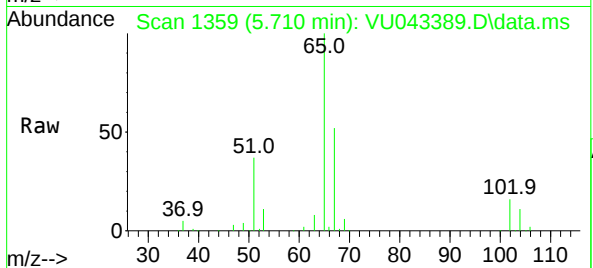
Acq: 28 Apr 2021 16:27

Tgt Ion: 65 Resp: 97574

Ion Ratio Lower Upper

65 100

67 51.0 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: VU043389.D

Acq: 28 Apr 2021 16:27

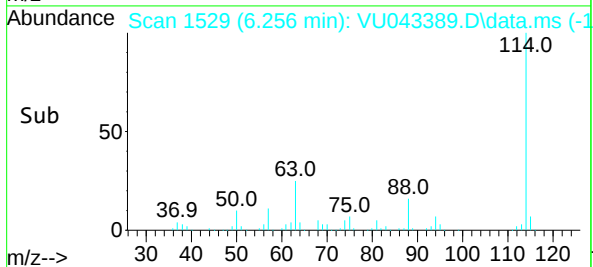
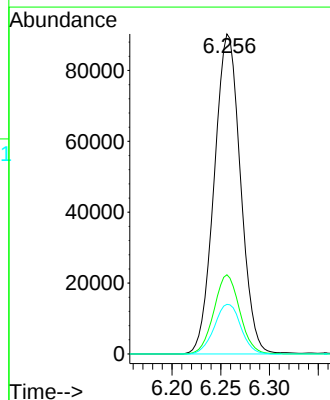
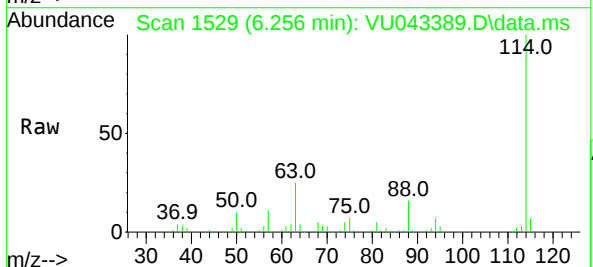
Tgt Ion: 114 Resp: 169094

Ion Ratio Lower Upper

114 100

63 24.7 0.0 44.2

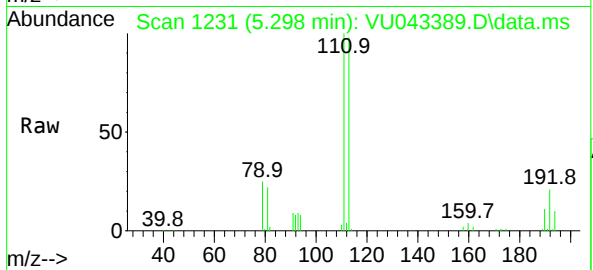
88 15.5 0.0 33.4



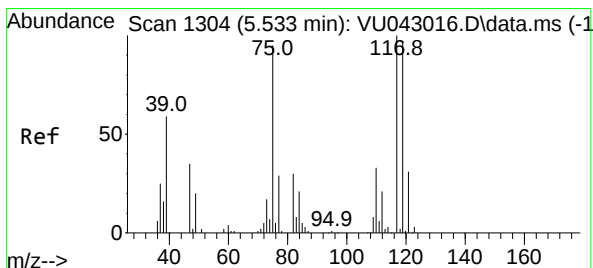
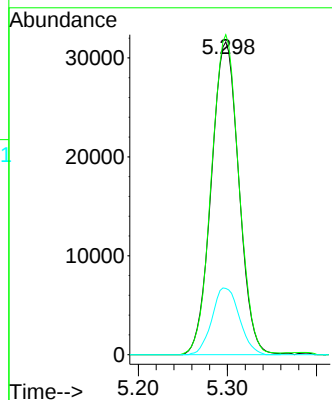
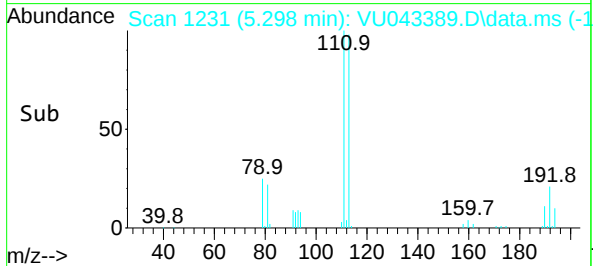


#35
Dibromofluoromethane
Concen: 53.38 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

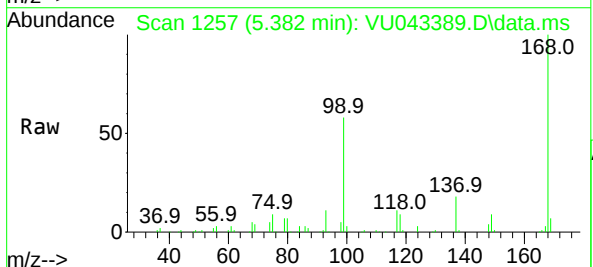
Instrument :
MSVOA_U
ClientSampleId :



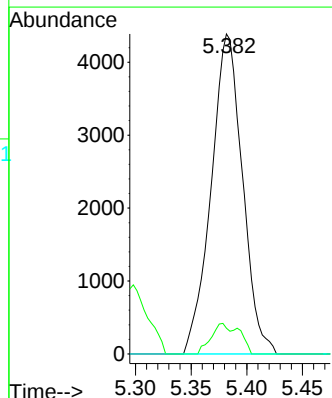
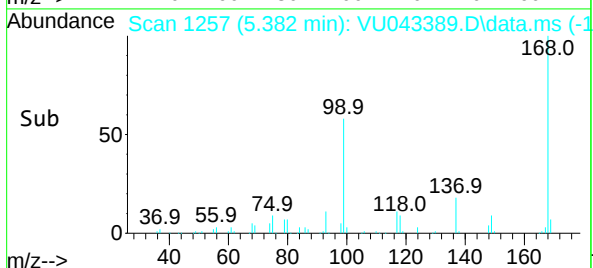
Tgt Ion:113 Resp: 67825
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 21.2 17.2 25.8

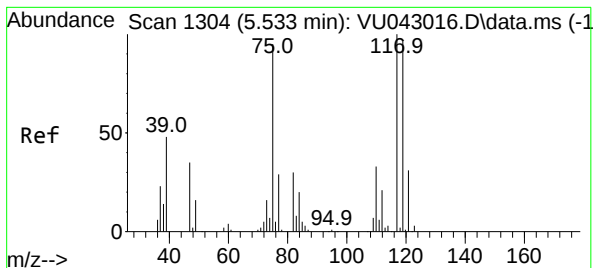


#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27



Tgt Ion: 75 Resp: 8587
Ion Ratio Lower Upper
75 100
110 5.5 16.8 50.3#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.51 ug/l

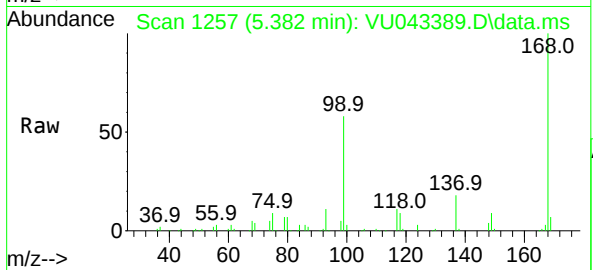
RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

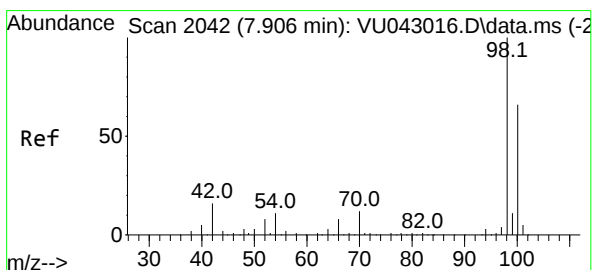
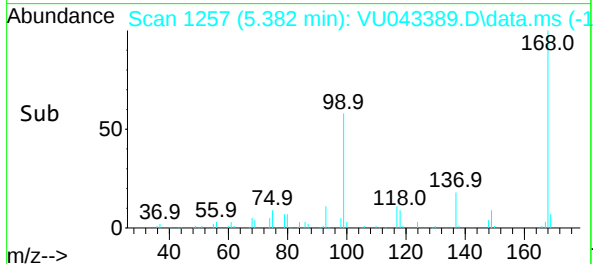
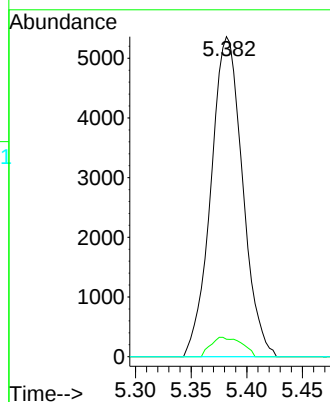
Lab File: VU043389.D

Acq: 28 Apr 2021 16:27

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	117	Resp:	10595
Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.5	113.3#
121	0.0	24.7	37.1#



#50

Toluene-d8

Concen: 51.08 ug/l

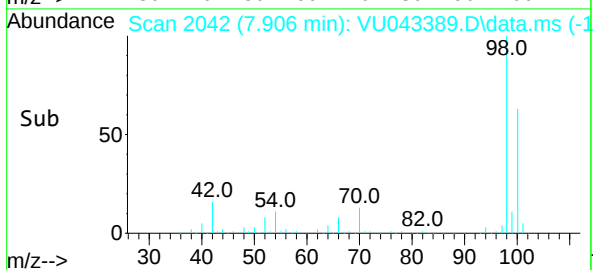
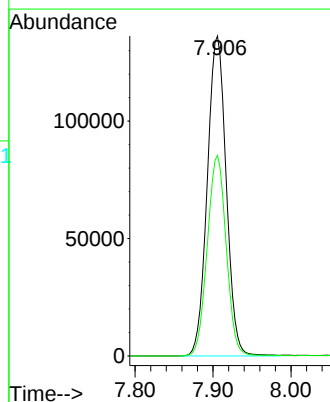
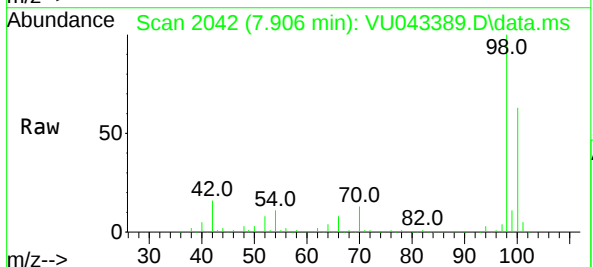
RT: 7.906 min Scan# 2042

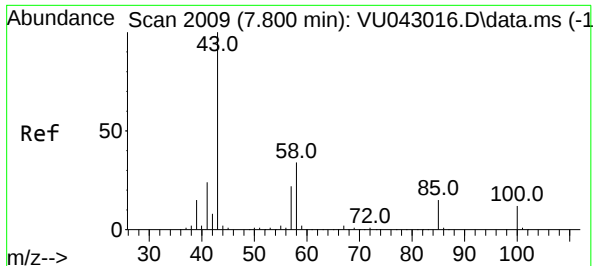
Delta R.T. -0.000 min

Lab File: VU043389.D

Acq: 28 Apr 2021 16:27

Tgt Ion:	98	Resp:	229678
Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.2	75.2

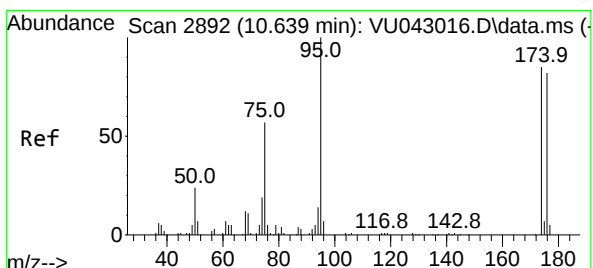
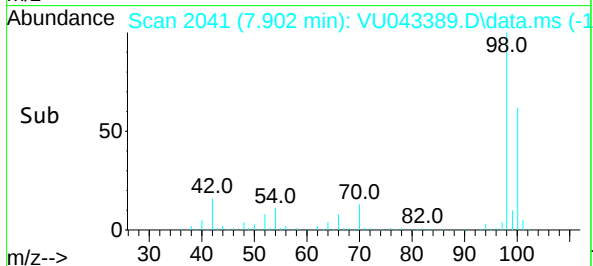
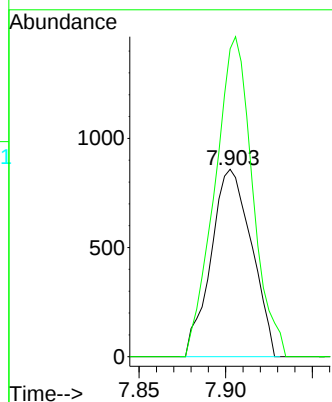
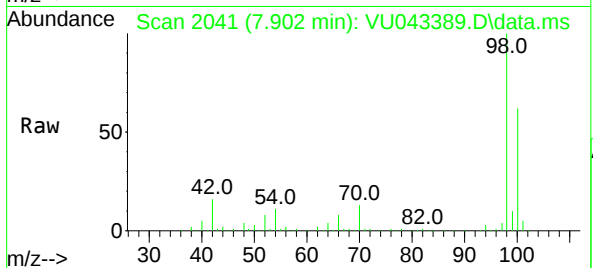




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

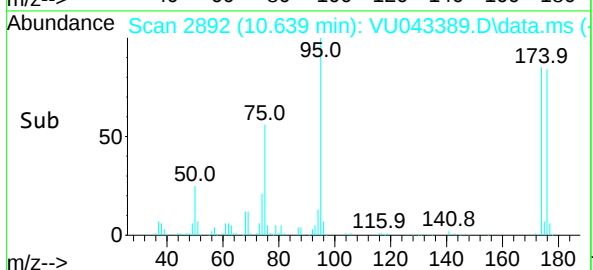
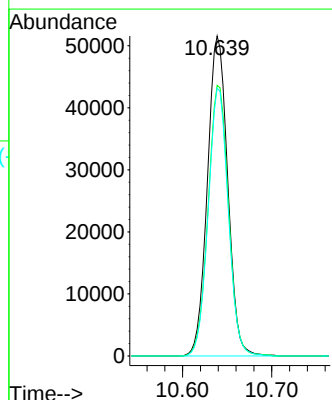
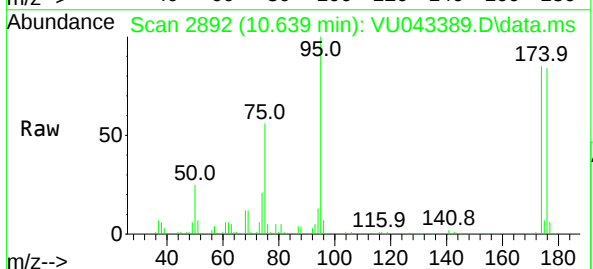
Instrument :
MSVOA_U
ClientSampled :

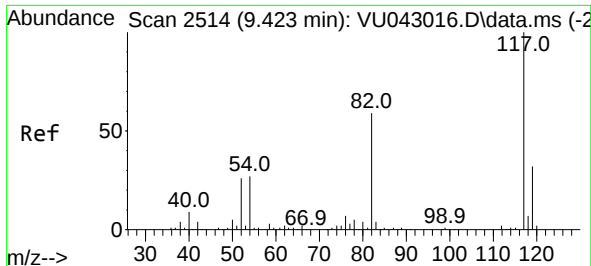
Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 158.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 45.23 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

Tgt Ion: 95 Resp: 81433
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.2
176 82.6 0.0 168.8

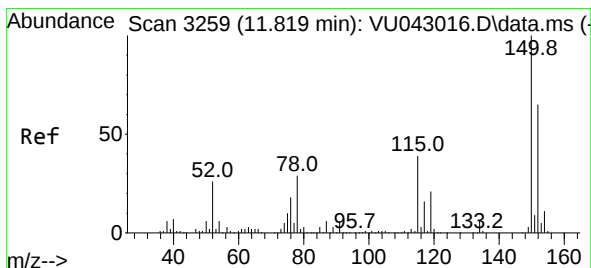
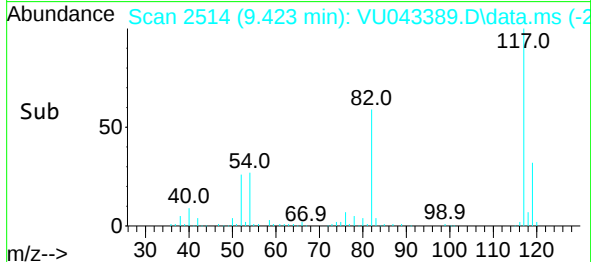
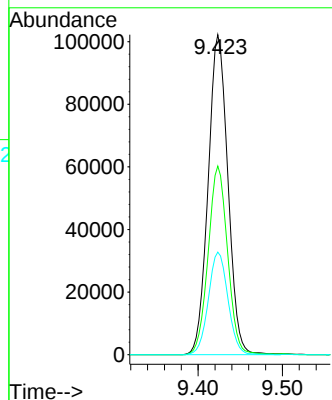
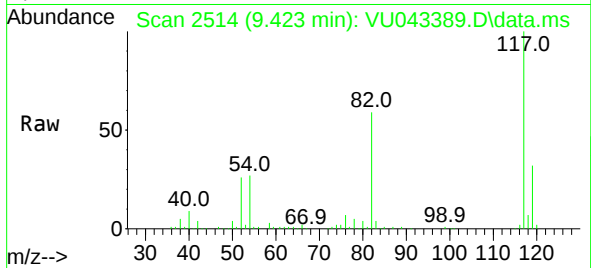




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

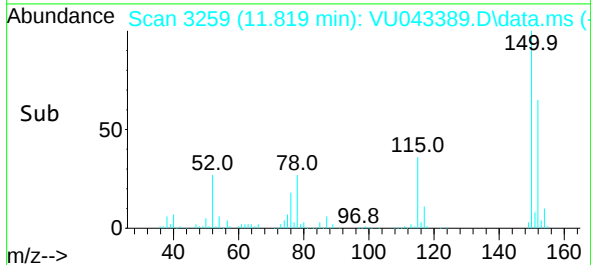
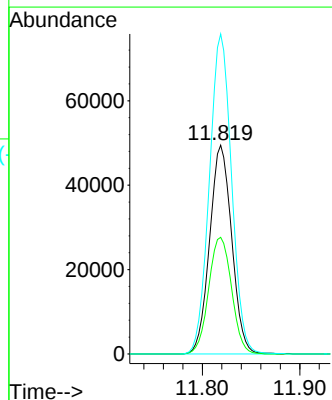
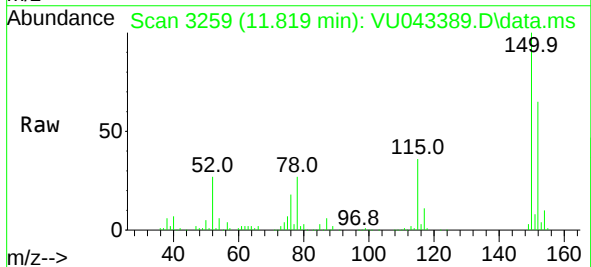
Instrument :
MSVOA_U
ClientSampled :

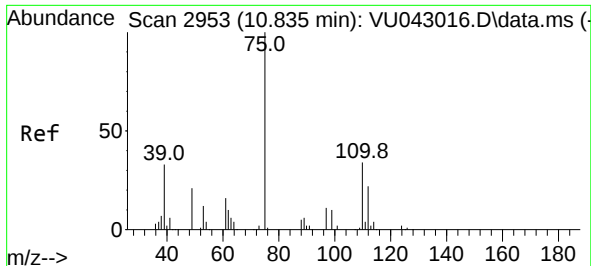
Tgt Ion:117 Resp: 166624
Ion Ratio Lower Upper
117 100
82 58.9 45.8 68.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

Tgt Ion:152 Resp: 77919
Ion Ratio Lower Upper
152 100
115 57.8 41.5 124.6
150 153.8 0.0 342.4

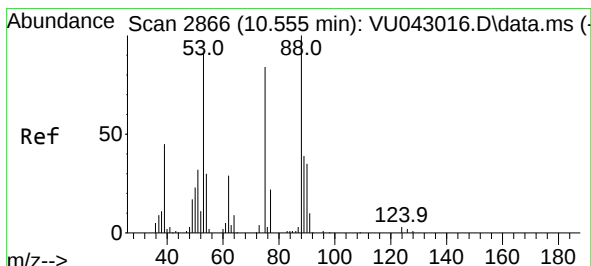
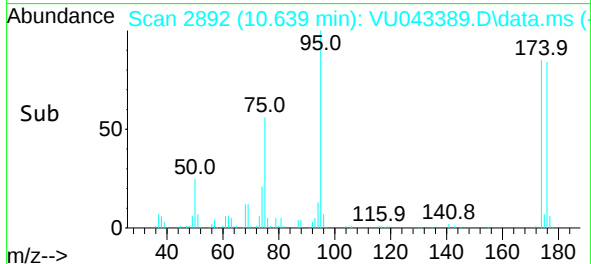
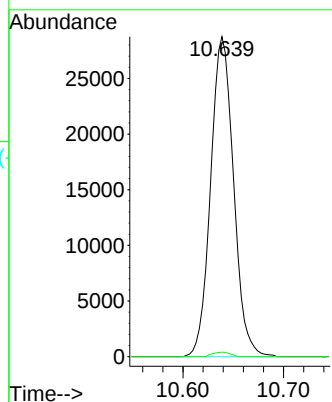
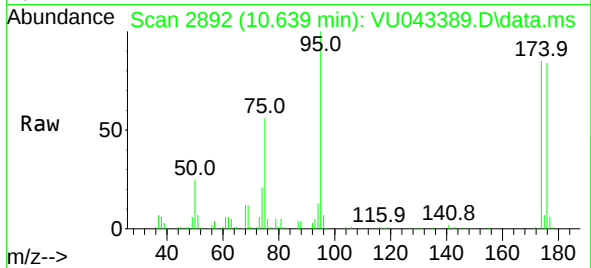




#76
1,2,3-Trichloropropane
Concen: 20.00 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

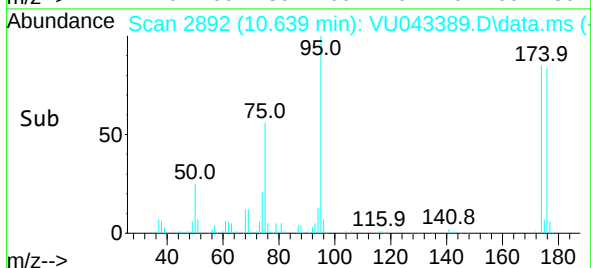
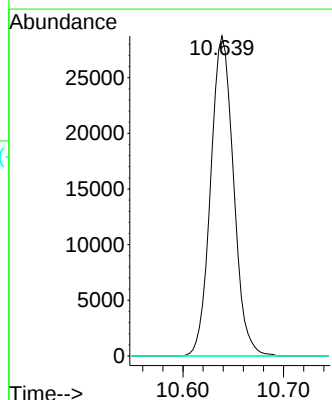
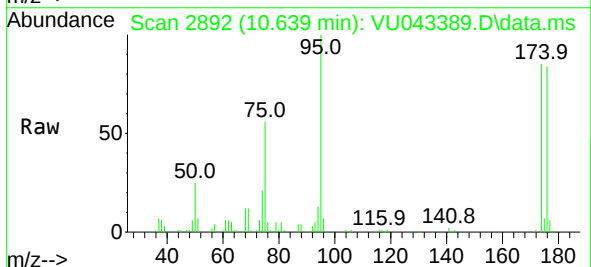
Instrument :
MSVOA_U
ClientSampleId :

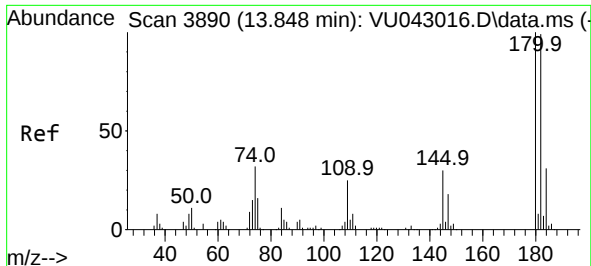
Tgt Ion: 75 Resp: 45530
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

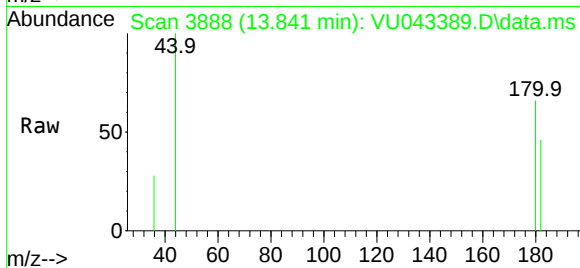
Tgt Ion: 75 Resp: 45530
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



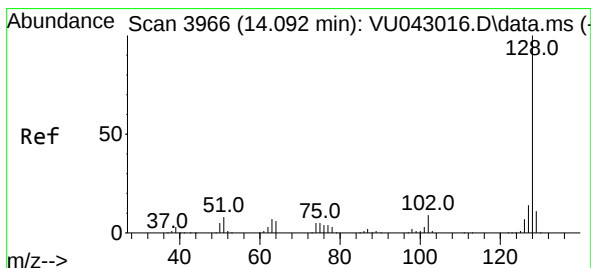
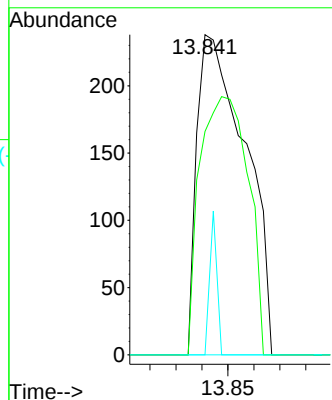
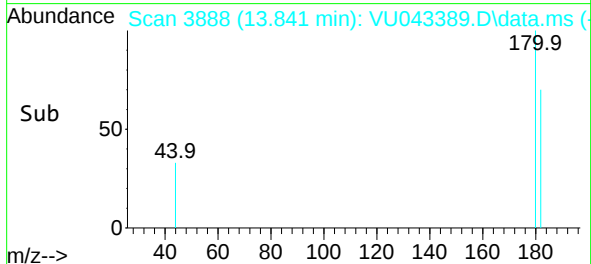


#93
1,2,4-Trichlorobenzene
Concen: 1.67 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.007 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27

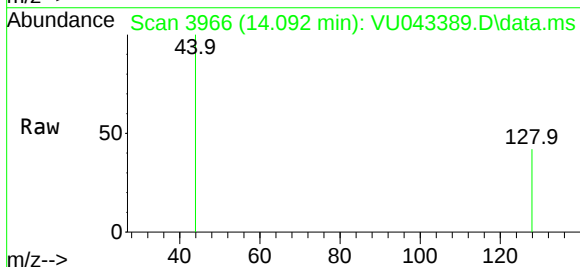
Instrument :
MSVOA_U
ClientSampled :



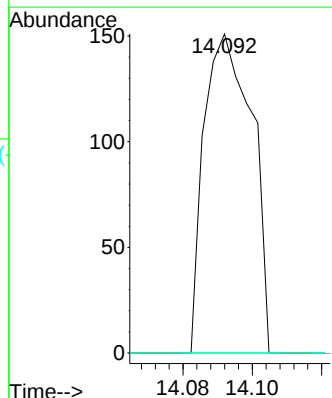
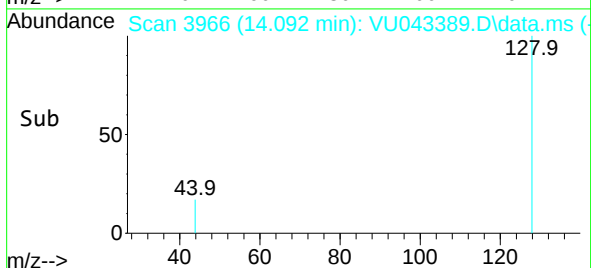
Tgt Ion:180 Resp: 308
Ion Ratio Lower Upper
180 100
182 80.2 46.9 140.8
145 6.8 14.4 43.4#

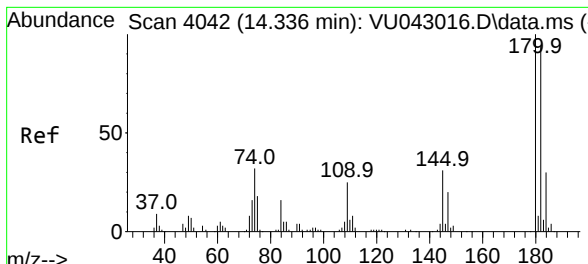


#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043389.D
Acq: 28 Apr 2021 16:27



Tgt Ion:128 Resp: 145
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.47 ug/l
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.010 min
 Lab File: VU043389.D
 Acq: 28 Apr 2021 16:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	180	Resp:	22
Ion	Ratio	Lower	Upper
180	100		
182	90.9	48.0	144.0
145	0.0	15.5	46.5#

