

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043390.D
 Acq On : 28 Apr 2021 16:50
 Operator : SY/MD
 Sample : M2133-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:40:05 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)

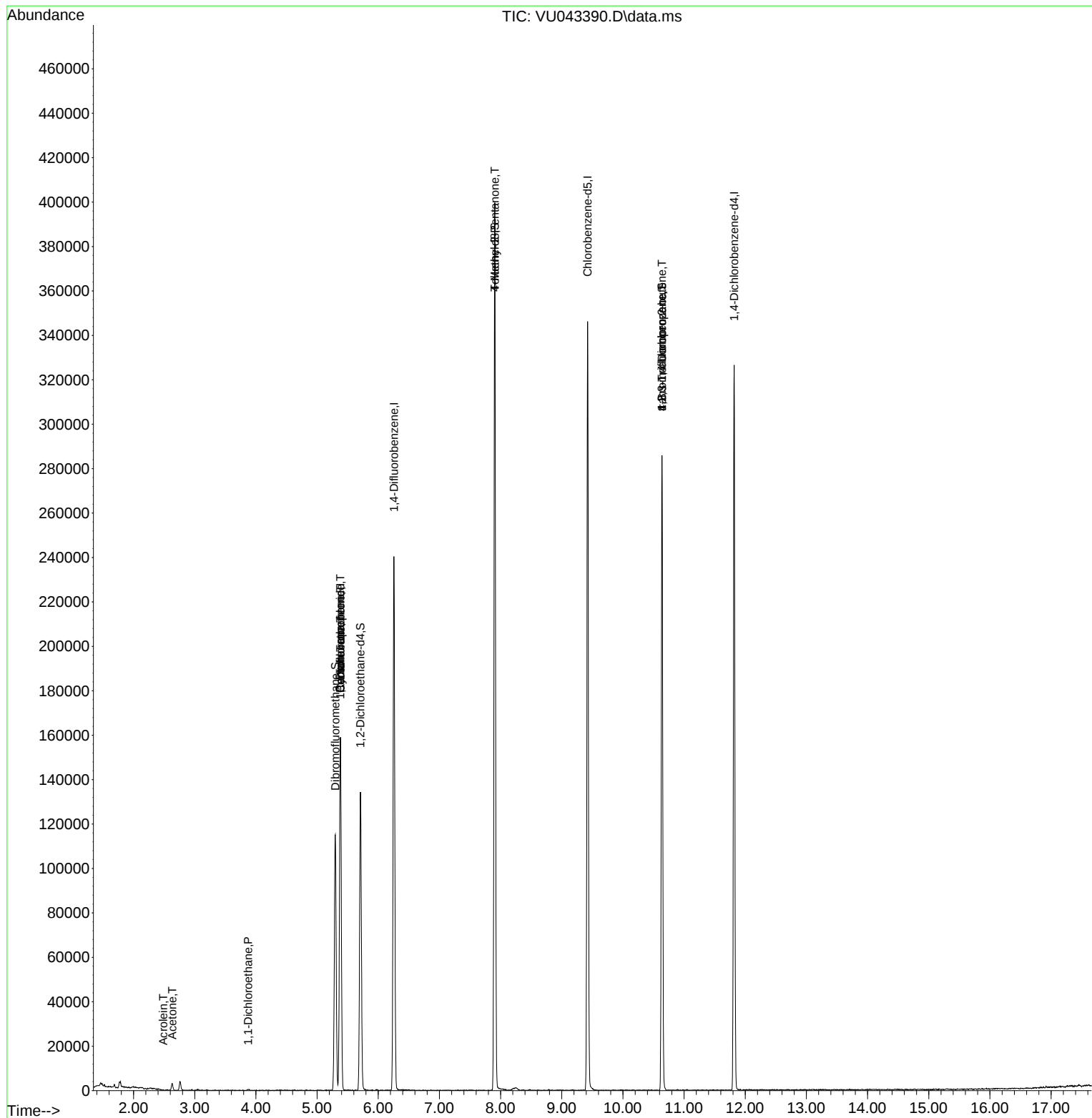
Internal Standards						
1) Pentafluorobenzene	5.382	168	106353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	176565	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102365	57.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.50%	
35) Dibromofluoromethane	5.298	113	71081	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	7.906	98	238322	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	10.639	95	84682	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	605	Below Cal	#	76
13) Acrolein	2.488	56	41	10.56	ug/l #	14
16) Acetone	2.633	43	3678	3.20	ug/l	95
24) 1,1-Dichloroethane	3.874	63	488	0.21	ug/l #	84
31) Cyclohexane	5.382	56	2752	1.25	ug/l #	31
36) 1,1-Dichloropropene	5.378	75	9557	5.10	ug/l #	50
38) Carbon Tetrachloride	5.382	117	10974	5.46	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1260	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	47932	20.84	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	47932	61.25	ug/l #	7

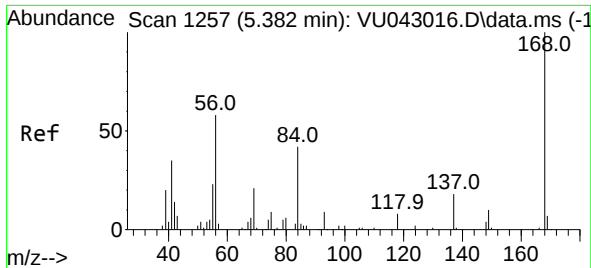
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 29 08:40:05 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

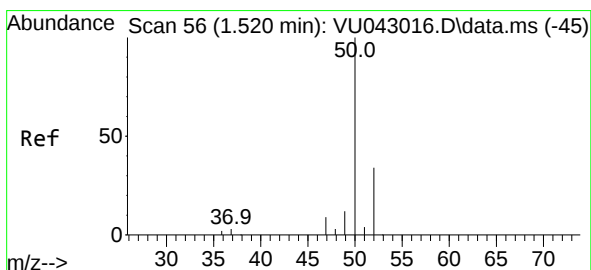
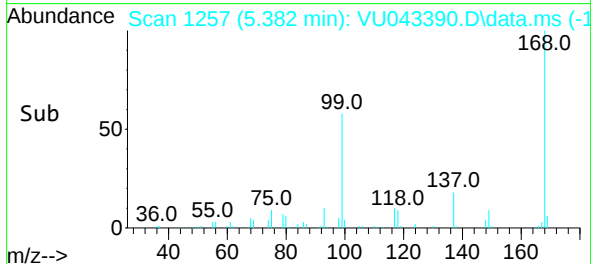
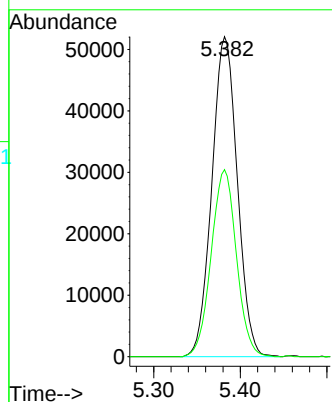
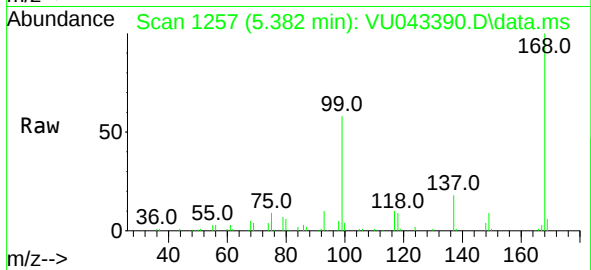




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

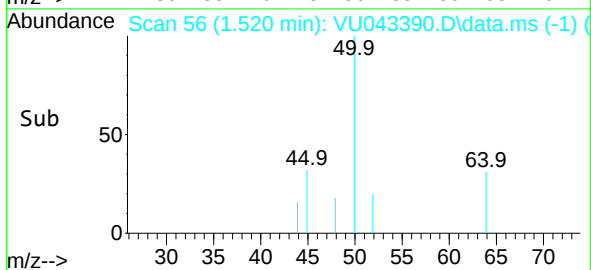
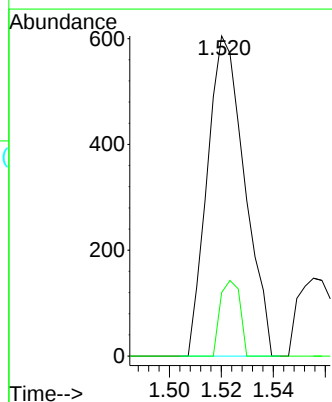
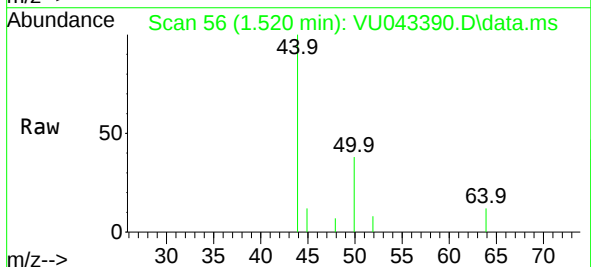
Instrument :
MSVOA_U
ClientSampled :

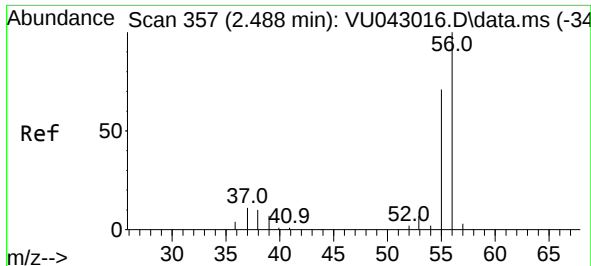
Tgt Ion:168 Resp: 106353
Ion Ratio Lower Upper
168 100
99 58.4 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 19.8 26.6 40.0#

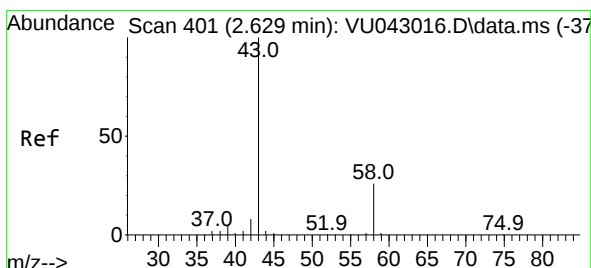
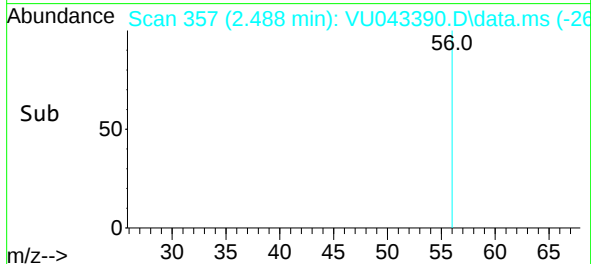
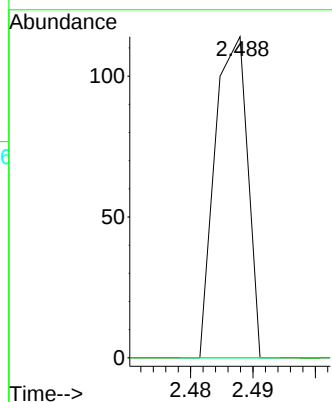
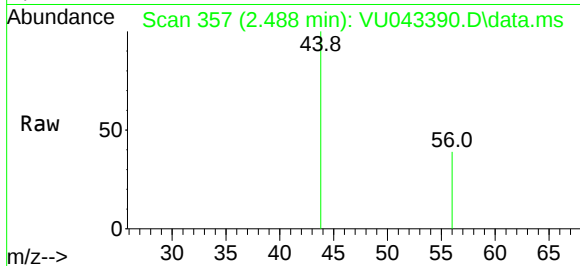




#13
Acrolein
Concen: 10.56 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

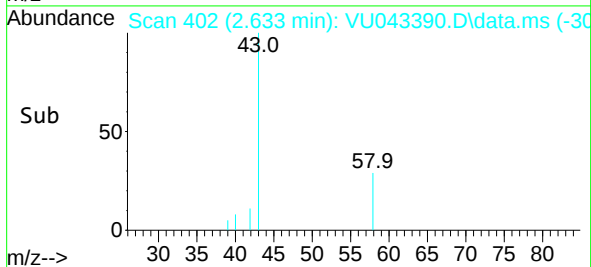
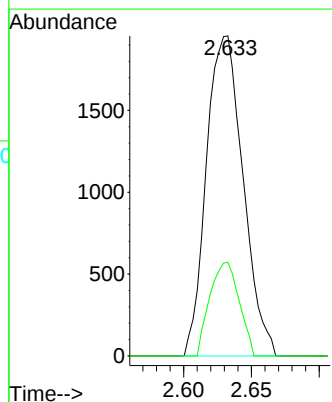
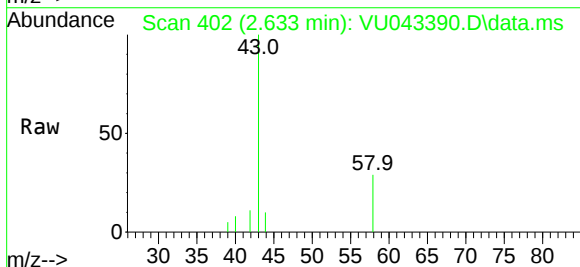
Instrument :
MSVOA_U
ClientSampleId :

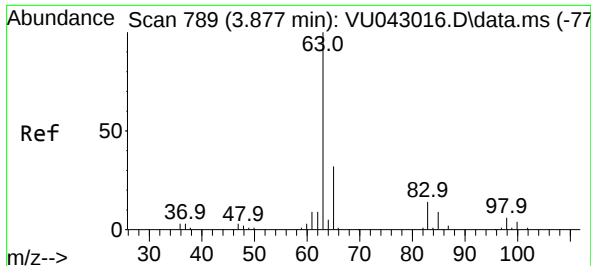
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 3.20 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

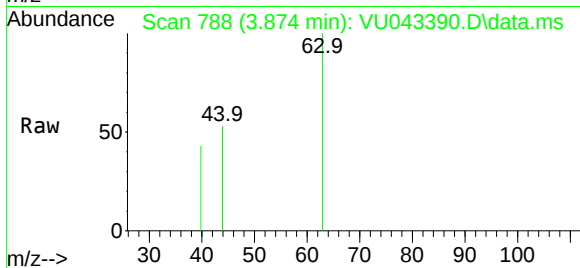
Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 29.3 21.5 32.3



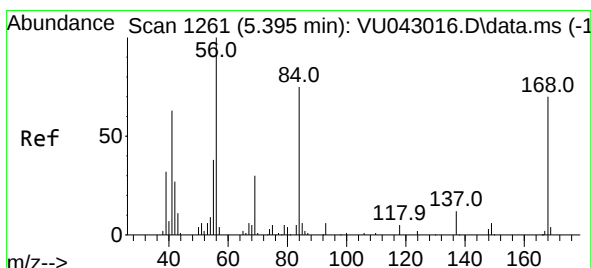
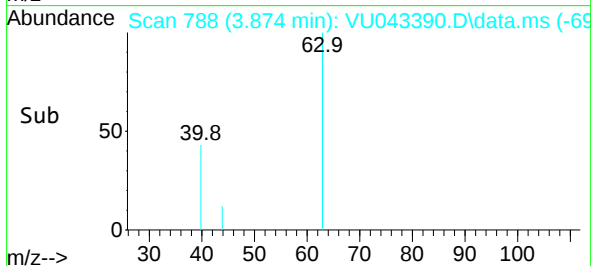
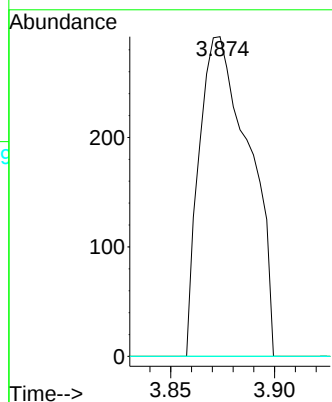


#24
1,1-Dichloroethane
Concen: 0.21 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Instrument :
MSVOA_U
ClientSampled :

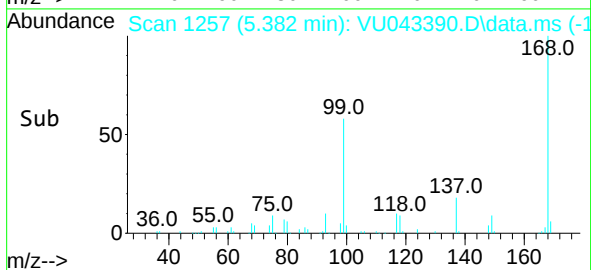
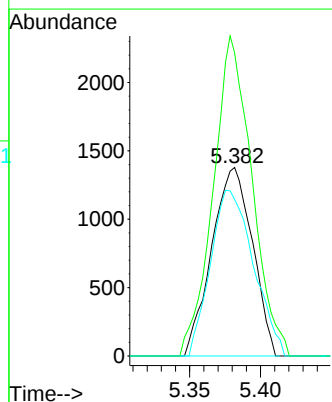
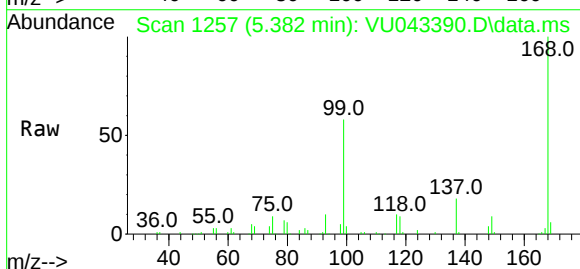


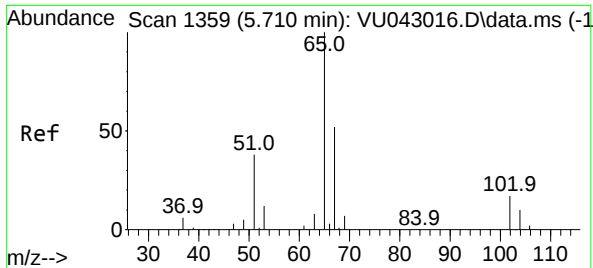
Tgt Ion: 63 Resp: 488
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.3#
100 0.0 2.1 6.2#



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion: 56 Resp: 2752
Ion Ratio Lower Upper
56 100
69 160.9 24.9 37.3#
84 83.1 63.7 95.5

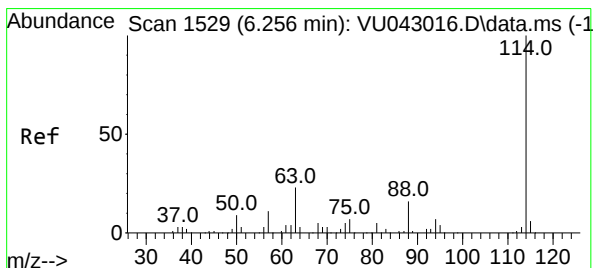
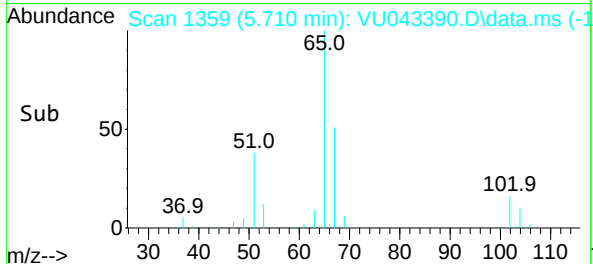
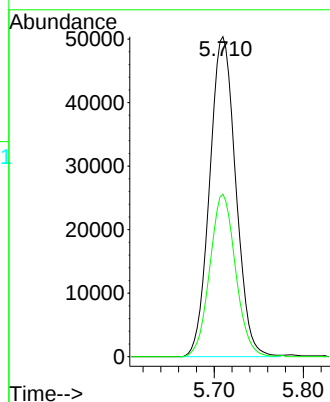
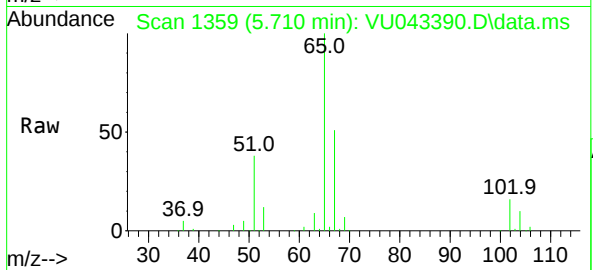




#33
1,2-Dichloroethane-d4
Concen: 57.25 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

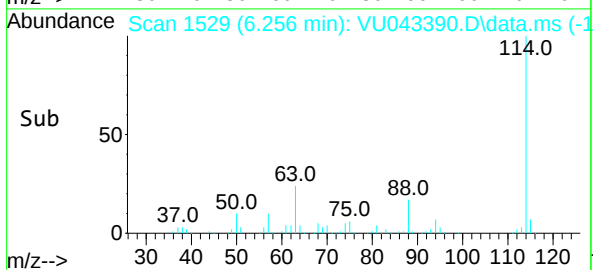
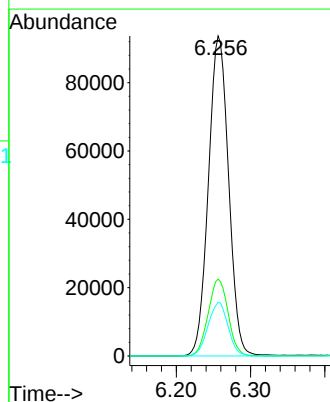
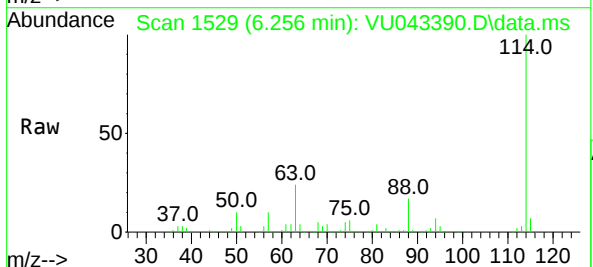
Instrument :
MSVOA_U
ClientSampled :

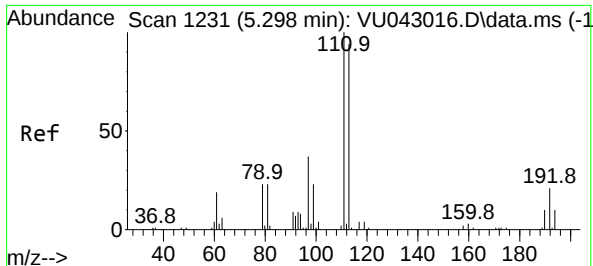
Tgt Ion: 65 Resp: 102365
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion: 114 Resp: 176565
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.2
88 16.7 0.0 33.4

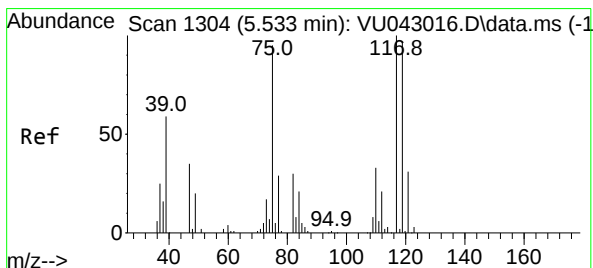
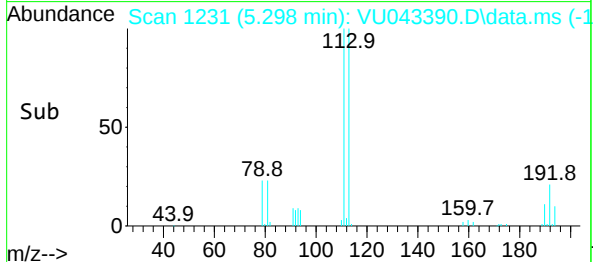
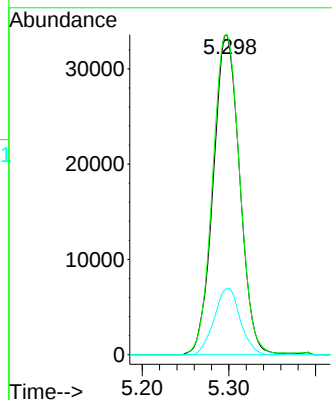
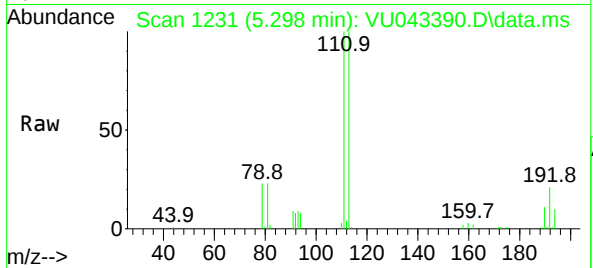




#35
Dibromofluoromethane
Concen: 53.58 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

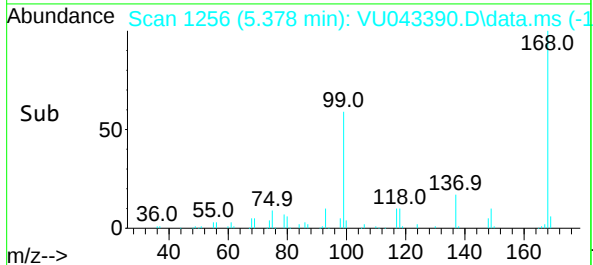
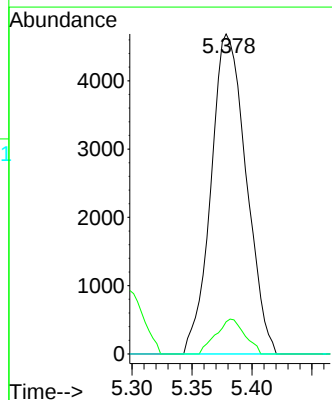
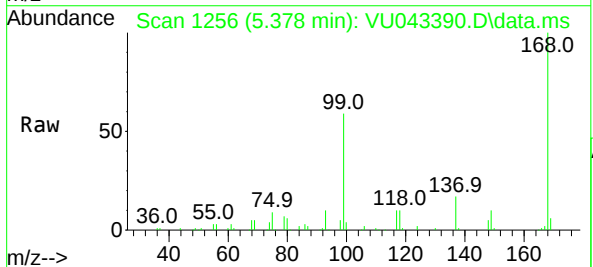
Instrument :
MSVOA_U
ClientSampled :

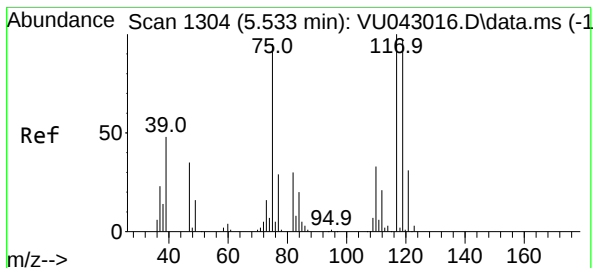
Tgt Ion:113 Resp: 71081
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 20.4 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion: 75 Resp: 9557
Ion Ratio Lower Upper
75 100
110 8.9 16.8 50.3#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.46 ug/l

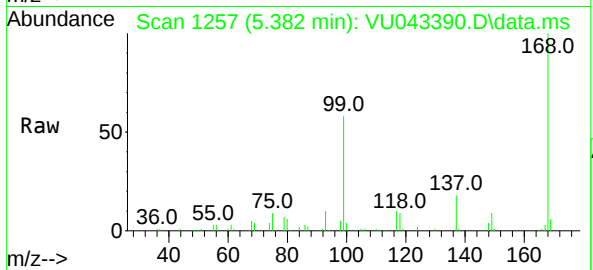
RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

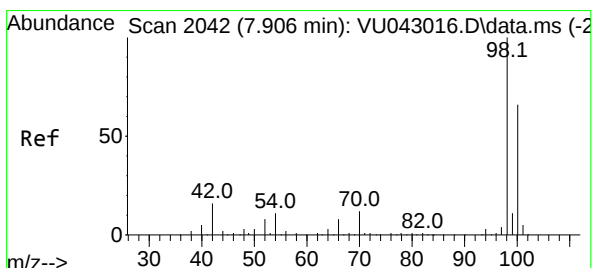
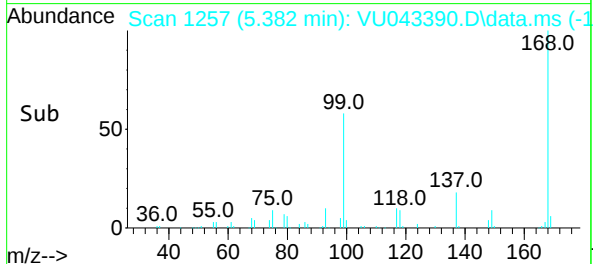
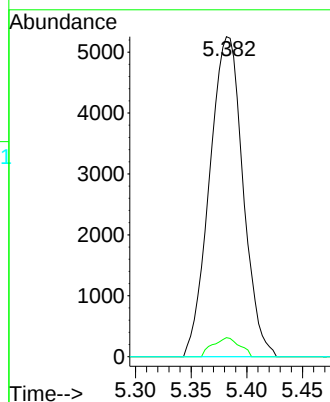
Lab File: VU043390.D

Acq: 28 Apr 2021 16:50

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	117	Resp:	10974
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.5	113.3#
121	0.0	24.7	37.1#



#50

Toluene-d8

Concen: 50.76 ug/l

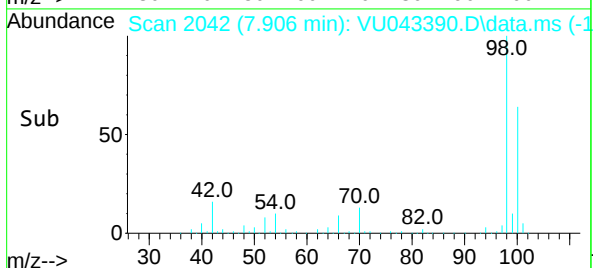
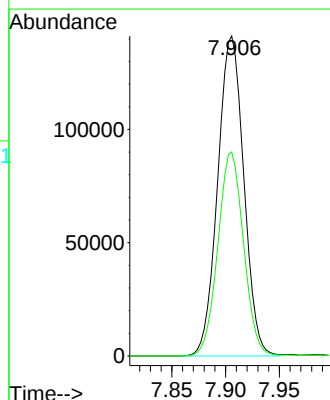
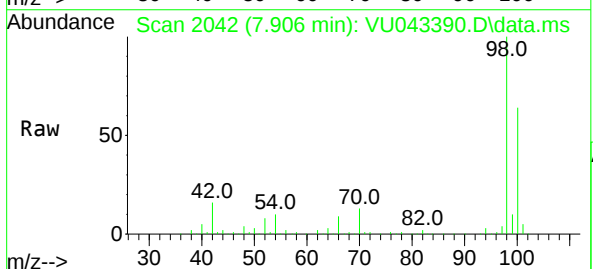
RT: 7.906 min Scan# 2042

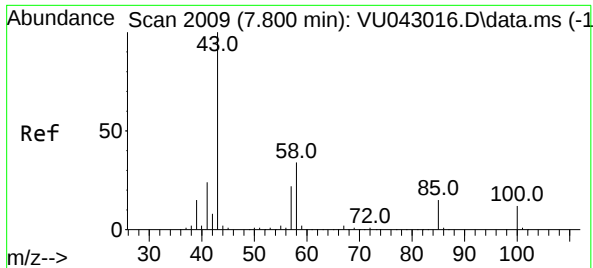
Delta R.T. -0.000 min

Lab File: VU043390.D

Acq: 28 Apr 2021 16:50

Tgt Ion:	98	Resp:	238322
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.2	75.2

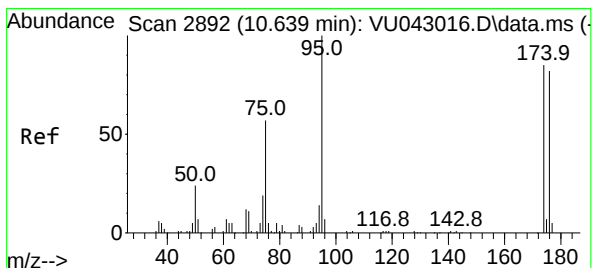
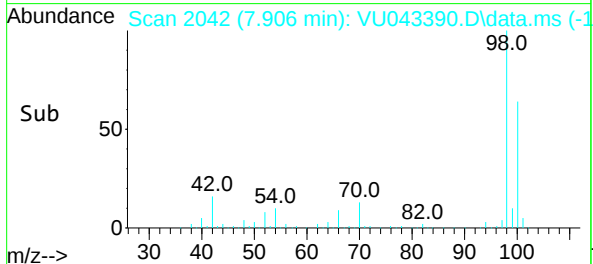
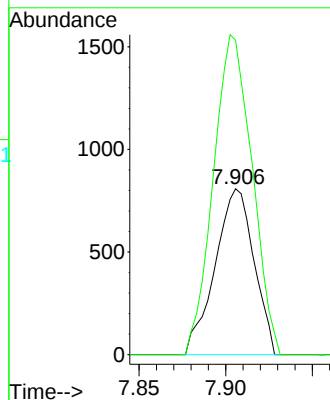
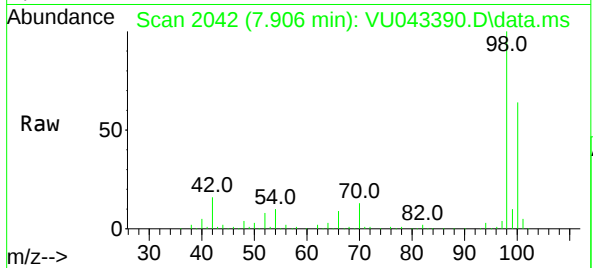




#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

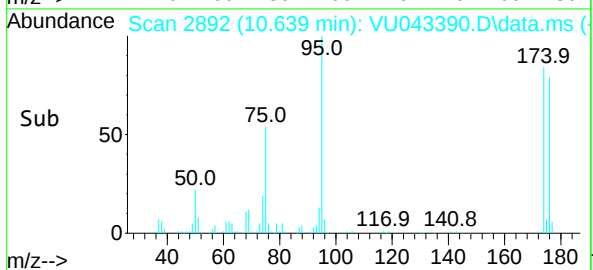
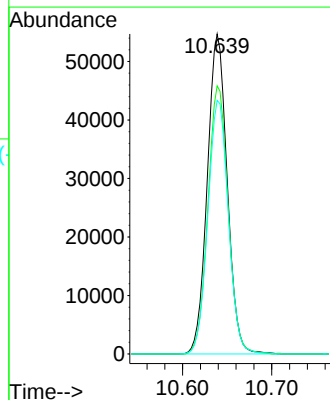
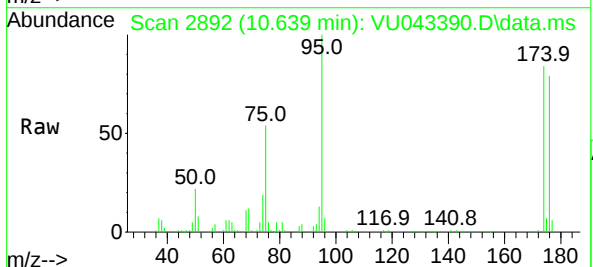
Instrument :
MSVOA_U
ClientSampled :

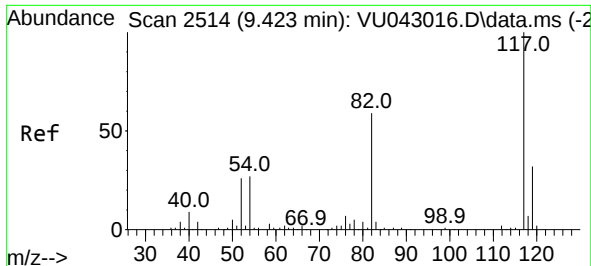
Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 192.1 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion: 95 Resp: 84682
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.2
176 81.5 0.0 168.8

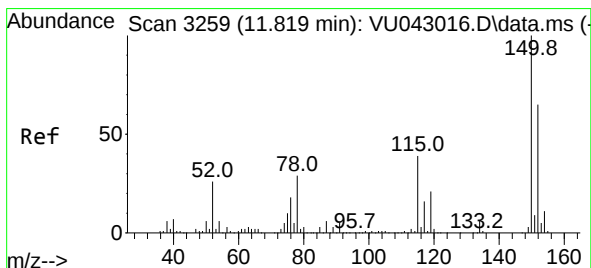
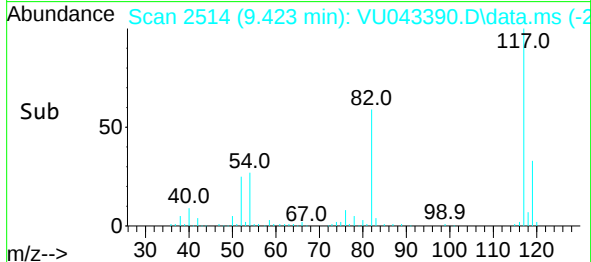
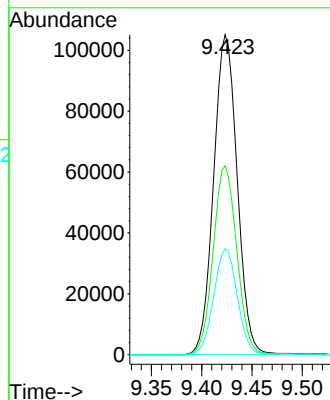
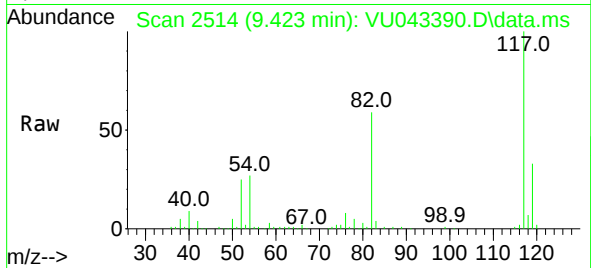




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

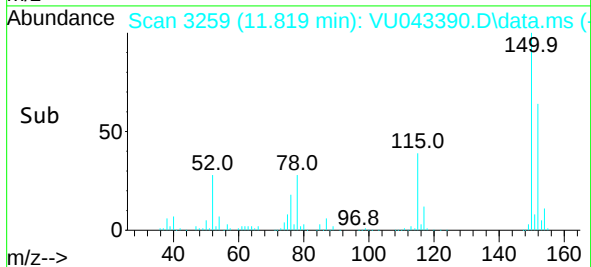
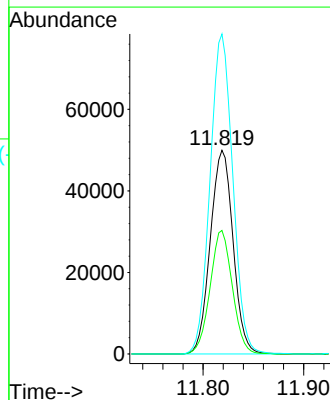
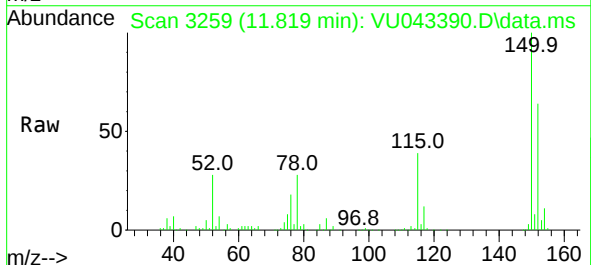
Instrument :
MSVOA_U
ClientSampled :

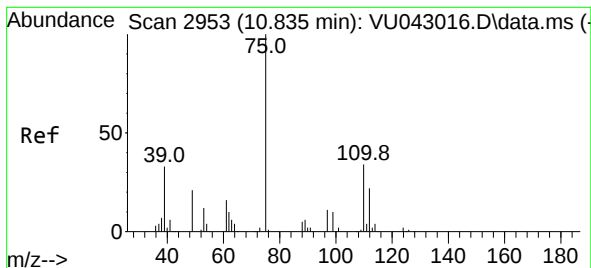
Tgt Ion:117 Resp: 171399
Ion Ratio Lower Upper
117 100
82 59.1 45.8 68.6
119 33.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion:152 Resp: 78691
Ion Ratio Lower Upper
152 100
115 59.2 41.5 124.6
150 156.7 0.0 342.4

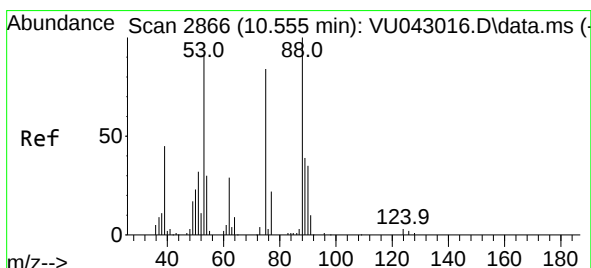
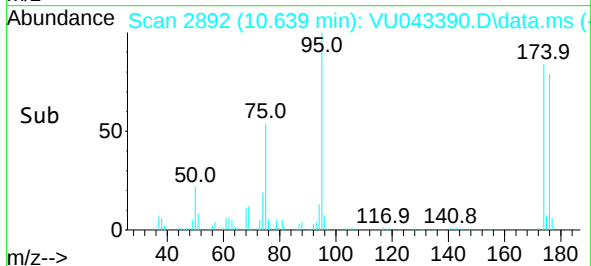
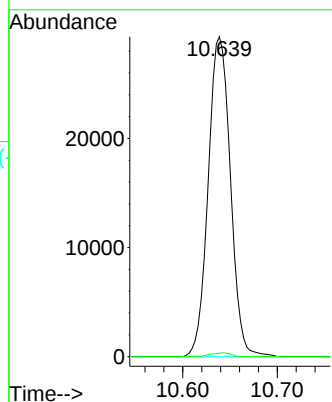
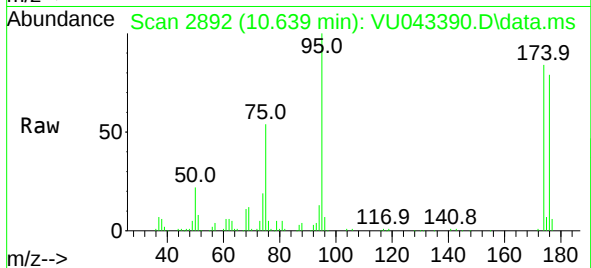




#76
1,2,3-Trichloropropane
Concen: 20.84 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 47932
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.25 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043390.D
Acq: 28 Apr 2021 16:50

Tgt Ion: 75 Resp: 47932
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

