

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU043002.D
 Acq On : 09 Apr 2021 15:09
 Operator : SY/MD
 Sample : M1977-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR1-175-200-040721

Quant Time: Apr 19 18:39:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 09:01:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

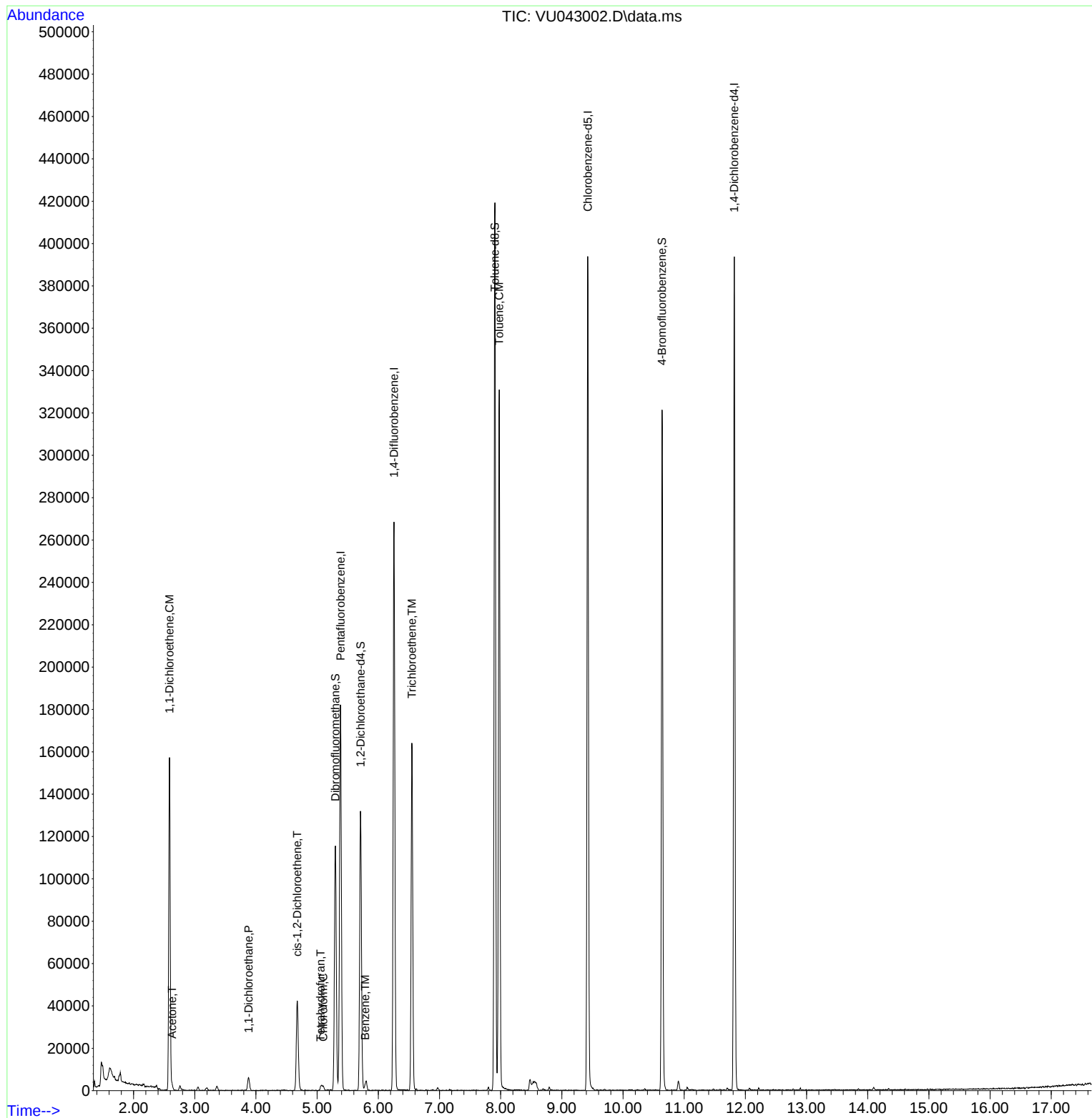
Internal Standards						
1) Pentafluorobenzene	5.382	168	123502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	201371	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	196085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102110	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	5.298	113	71954	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	7.906	98	257715	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.639	95	94783	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.588	96	49410	43.43	ug/l	93
16) Acetone	2.629	43	3337	2.95	ug/l	96
24) 1,1-Dichloroethane	3.880	63	7214	2.83	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	20372	14.10	ug/l	89
29) Tetrahydrofuran	5.057	42	1478	1.28	ug/l #	80
30) Chloroform	5.099	83	2072	0.75	ug/l	95
40) Benzene	5.784	78	1374	0.24	ug/l	93
44) Trichloroethene	6.549	130	50469	33.79	ug/l	95
52) Toluene	7.977	92	126215	34.76	ug/l	99

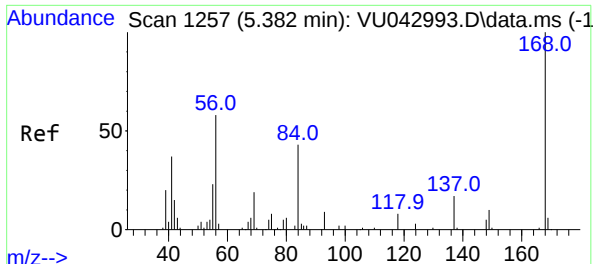
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 09:01:27 2021
Response via : Initial Calibration

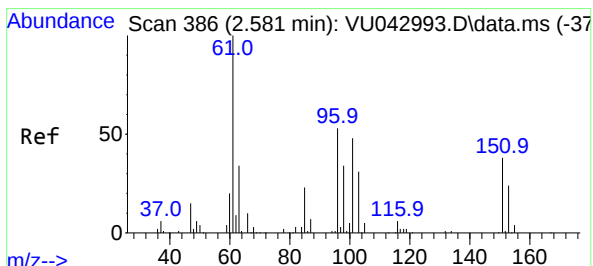
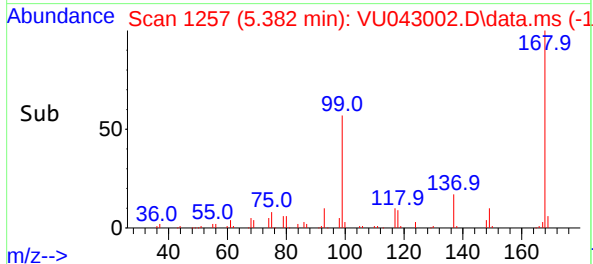
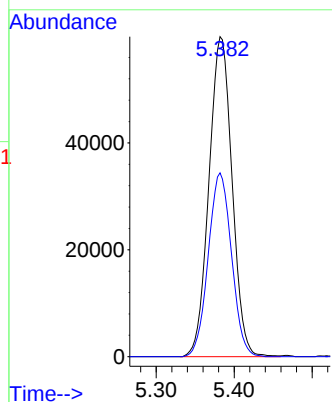
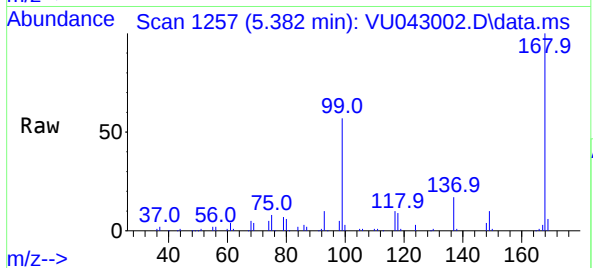




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

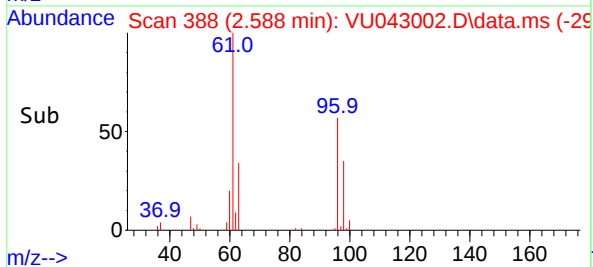
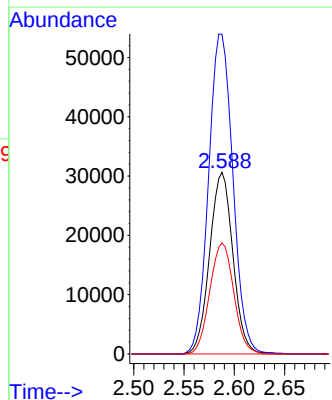
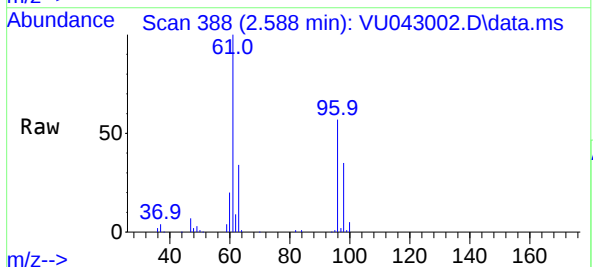
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-175-200-040721

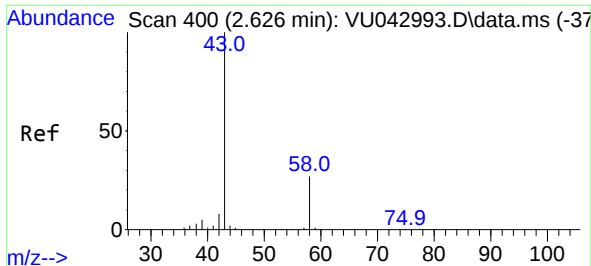
Tgt Ion:168 Resp: 123502
Ion Ratio Lower Upper
168 100
99 57.5 47.5 71.3



#12
1,1-Dichloroethene
Concen: 43.43 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion: 96 Resp: 49410
Ion Ratio Lower Upper
96 100
61 176.0 150.2 225.2
98 61.2 51.6 77.4

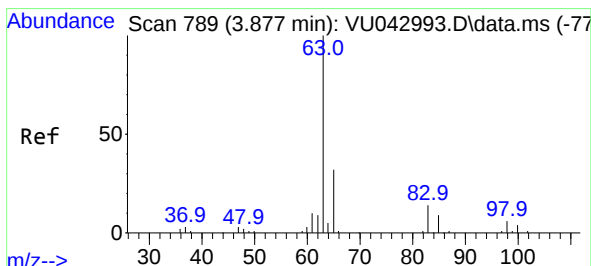
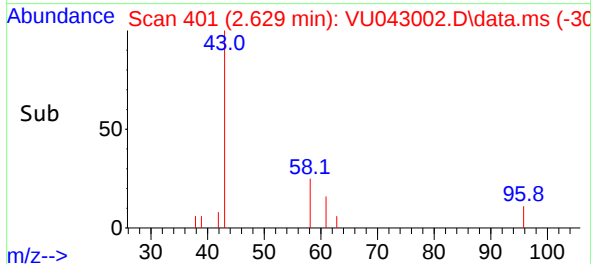
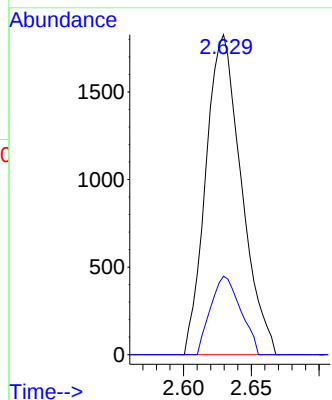
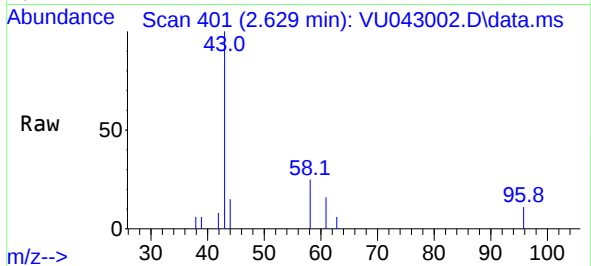




#16
Acetone
Concen: 2.95 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

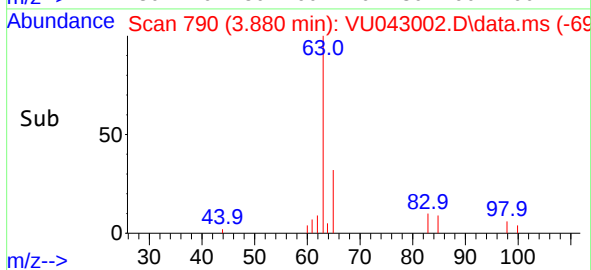
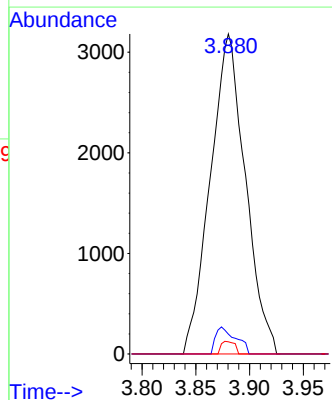
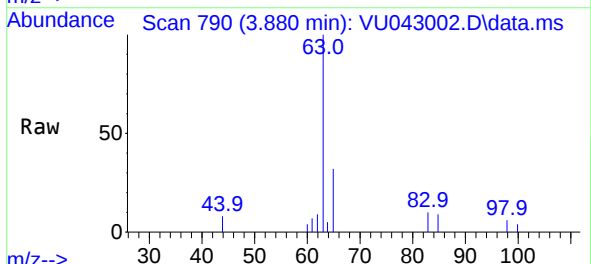
Instrument :
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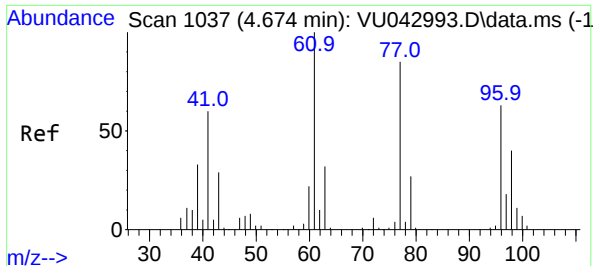
Tgt Ion: 43 Resp: 3337
Ion Ratio Lower Upper
43 100
58 24.5 21.4 32.0



#24
1,1-Dichloroethane
Concen: 2.83 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion: 63 Resp: 7214
Ion Ratio Lower Upper
63 100
98 6.2 3.1 9.3
100 3.8 1.8 5.4



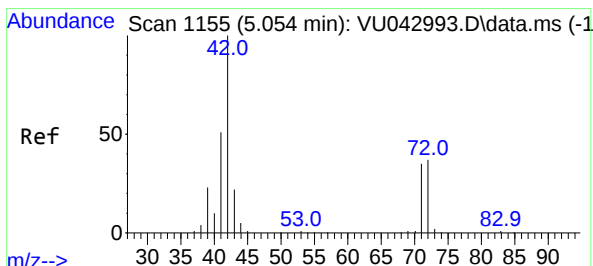
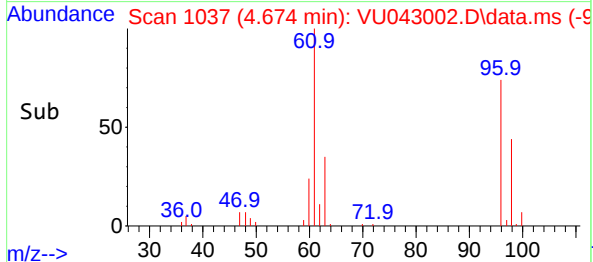
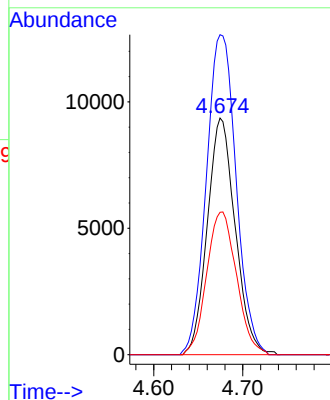
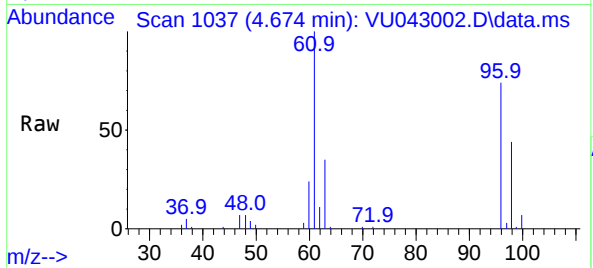


#27
cis-1,2-Dichloroethene
Concen: 14.10 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-175-200-040721

Tgt Ion: 96 Resp: 20372

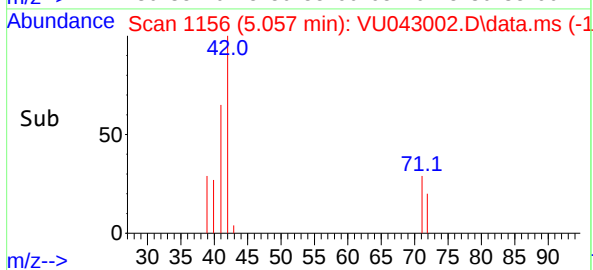
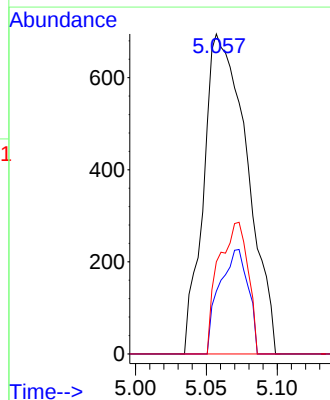
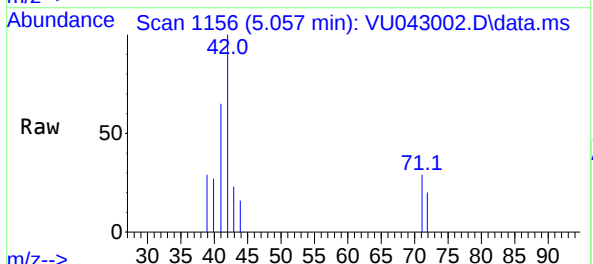
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	327.0
98	64.5	0.0	127.4

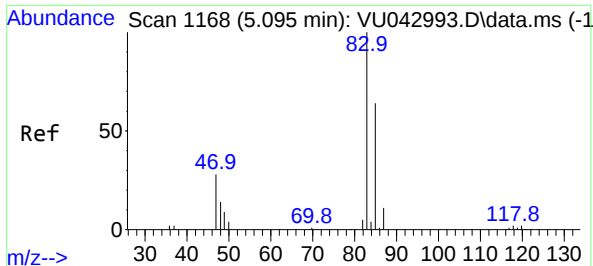


#29
Tetrahydrofuran
Concen: 1.28 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. 0.003 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion: 42 Resp: 1478

Ion	Ratio	Lower	Upper
42	100		
72	21.5	30.1	45.1#
71	27.9	28.1	42.1#



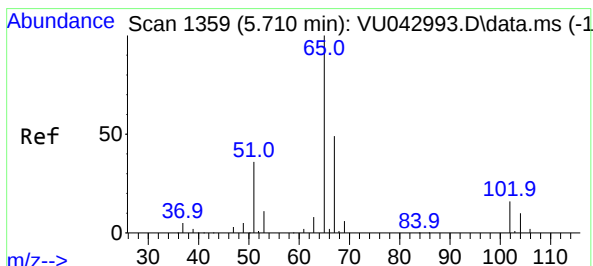
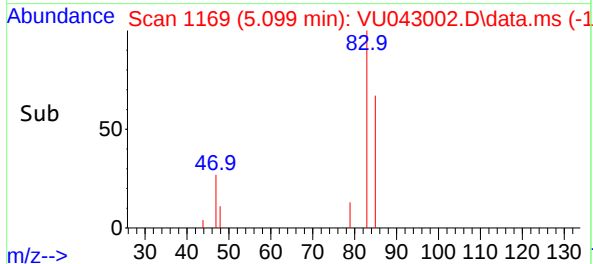
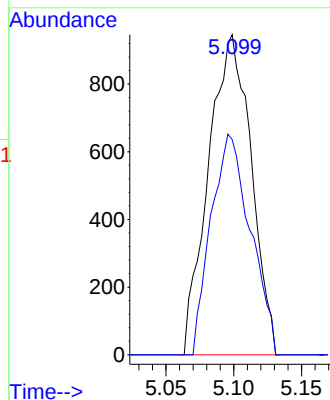
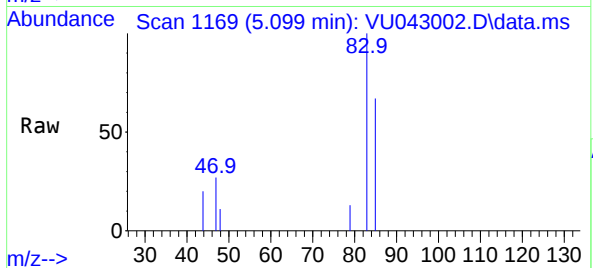


#30

Chloroform
Concen: 0.75 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

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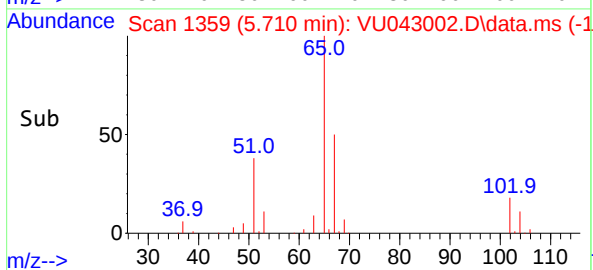
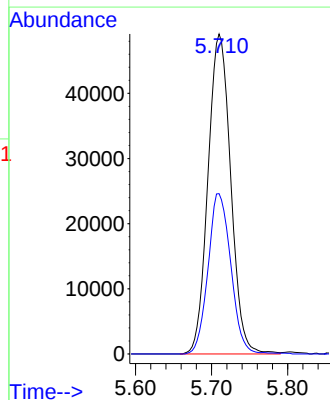
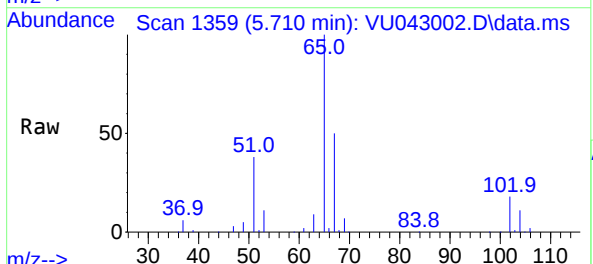
Tgt Ion: 83 Resp: 2072
Ion Ratio Lower Upper
83 100
85 67.2 50.8 76.2

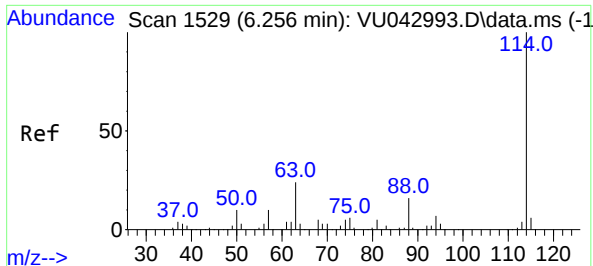


#33

1,2-Dichloroethane-d4
Concen: 50.58 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion: 65 Resp: 102110
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.6

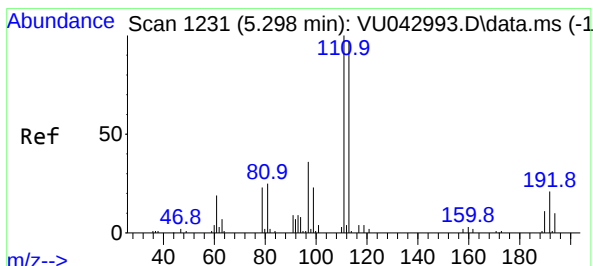
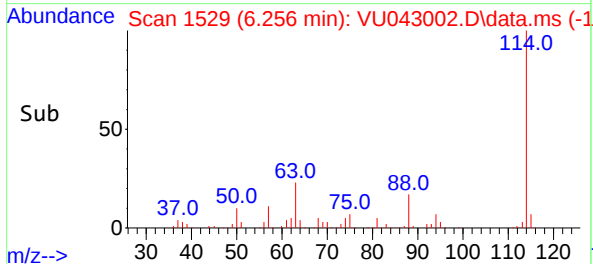
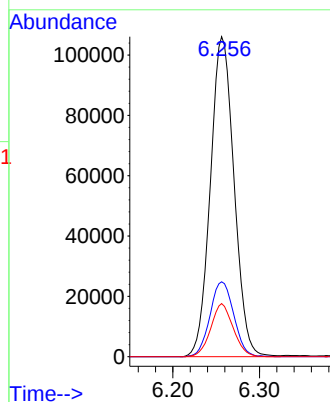
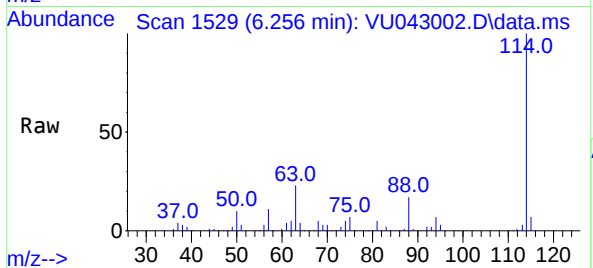




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

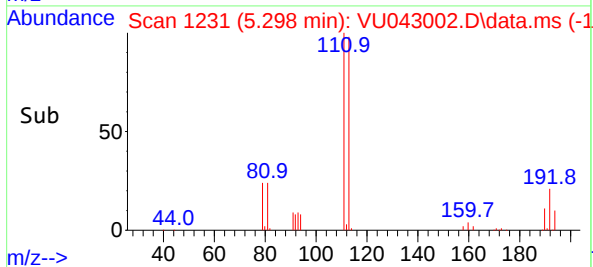
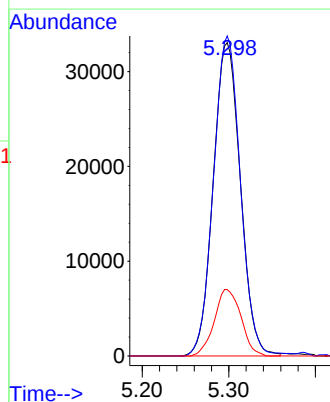
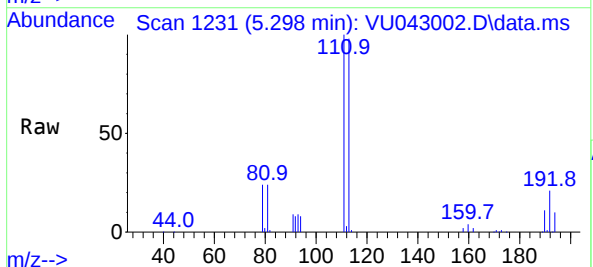
Instrument :
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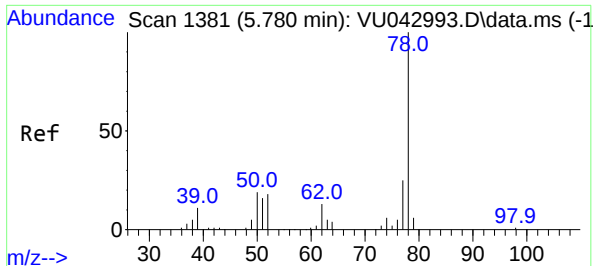
Tgt Ion:114 Resp: 201371
Ion Ratio Lower Upper
114 100
63 23.4 0.0 48.0
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion:113 Resp: 71954
Ion Ratio Lower Upper
113 100
111 101.1 81.7 122.5
192 20.8 17.1 25.7

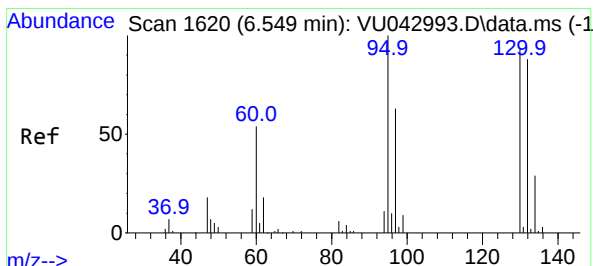
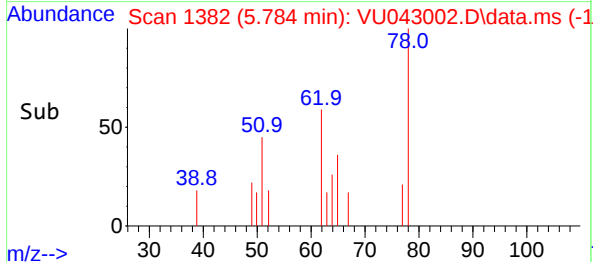
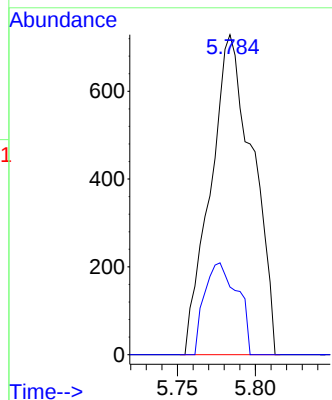
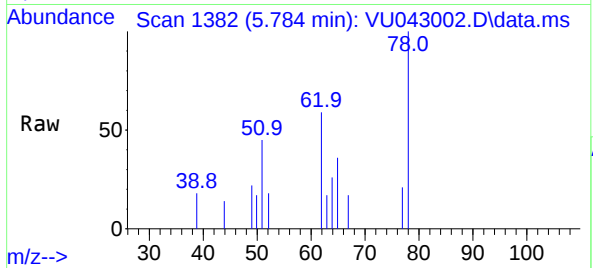




#40
Benzene
Concen: 0.24 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

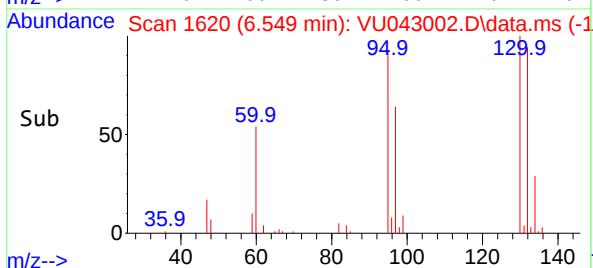
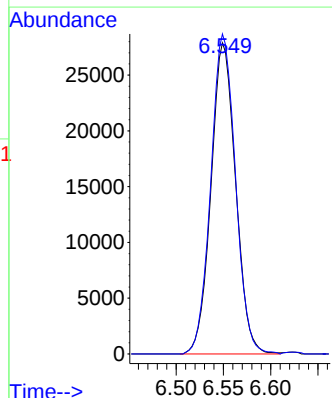
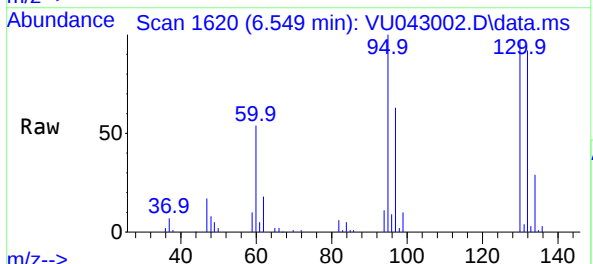
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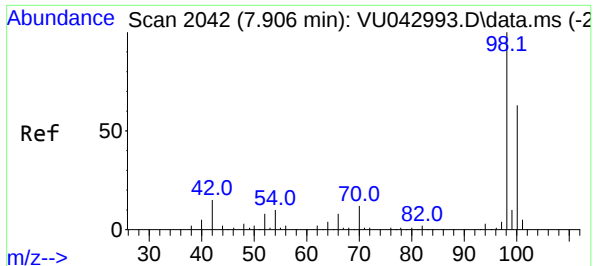
Tgt Ion: 78 Resp: 1374
Ion Ratio Lower Upper
78 100
77 21.1 19.8 29.6



#44
Trichloroethene
Concen: 33.79 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion:130 Resp: 50469
Ion Ratio Lower Upper
130 100
95 102.9 0.0 215.4

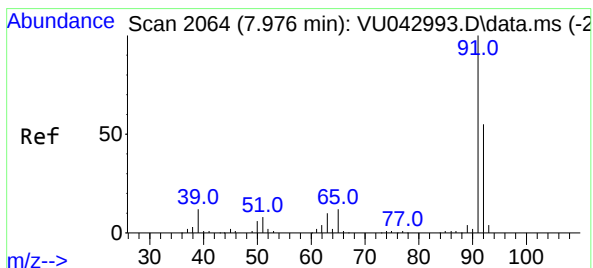
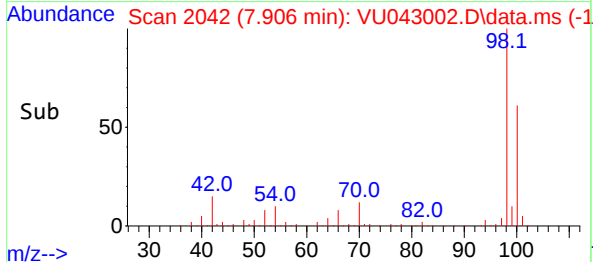
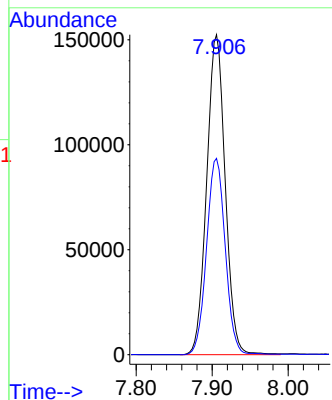
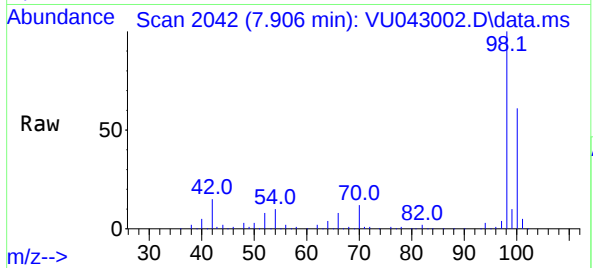




#50
Toluene-d8
Concen: 48.65 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

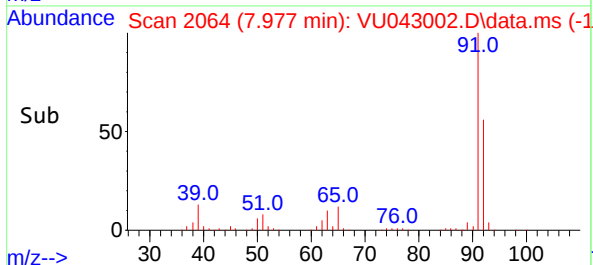
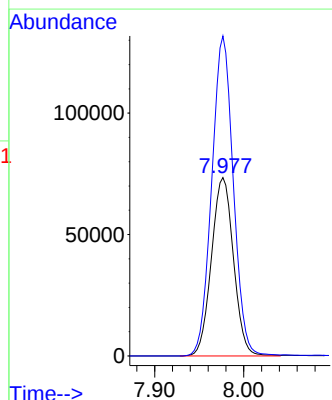
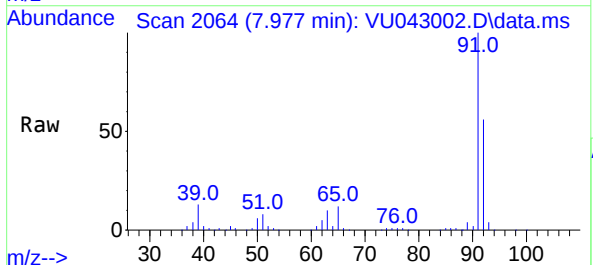
Instrument :
MSVOA_U
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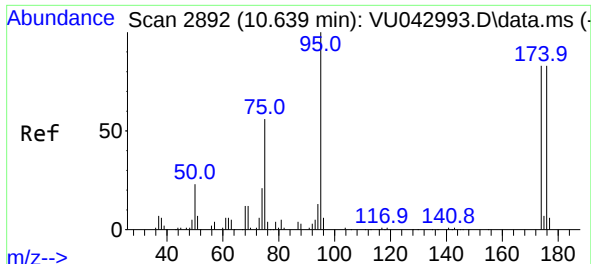
Tgt Ion: 98 Resp: 257715
Ion Ratio Lower Upper
98 100
100 61.9 49.9 74.9



#52
Toluene
Concen: 34.76 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion: 92 Resp: 126215
Ion Ratio Lower Upper
92 100
91 175.7 141.1 211.7

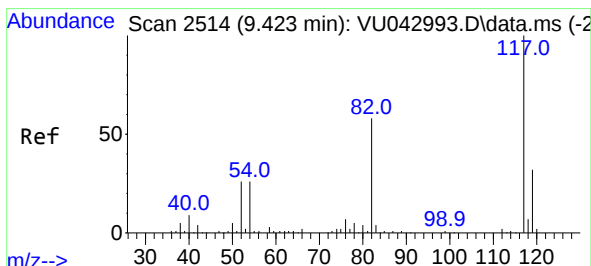
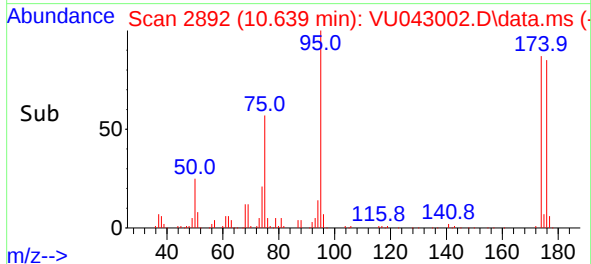
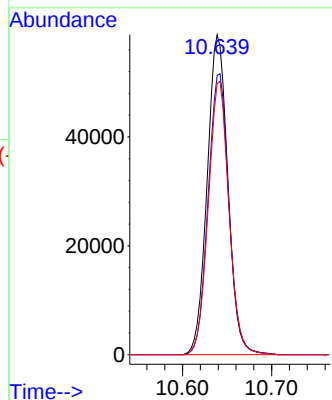
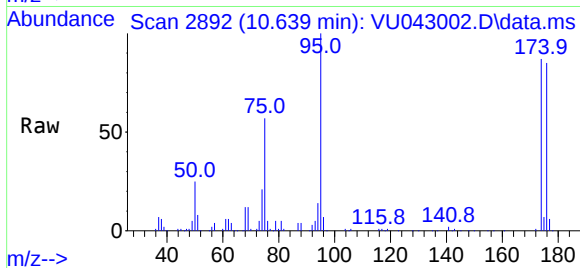




#62
4-Bromofluorobenzene
Concen: 43.80 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

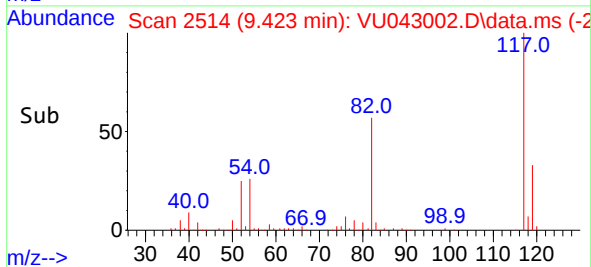
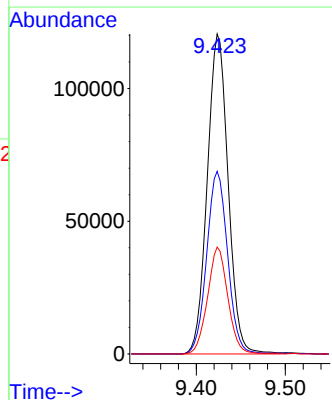
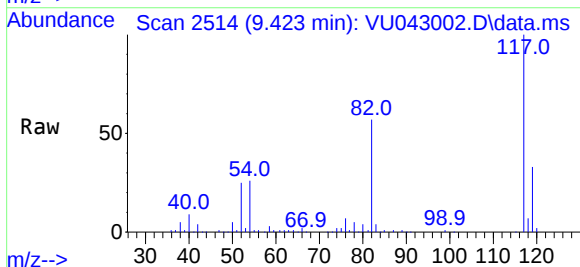
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-175-200-040721

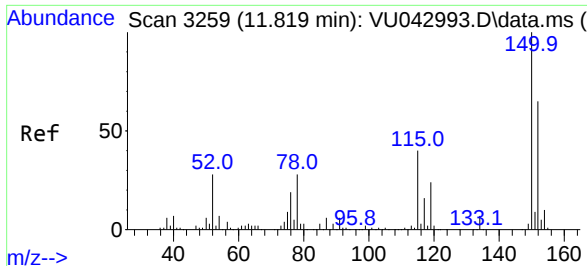
Tgt Ion: 95 Resp: 94783
Ion Ratio Lower Upper
95 100
174 88.3 0.0 168.8
176 85.1 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043002.D
Acq: 09 Apr 2021 15:09

Tgt Ion: 117 Resp: 196085
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 33.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043002.D
 Acq: 09 Apr 2021 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR1-175-200-040721

Tgt Ion:152 Resp: 97089
 Ion Ratio Lower Upper
 152 100
 115 57.7 42.8 128.3
 150 157.7 0.0 347.6

