

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043165.D
 Acq On : 16 Apr 2021 13:56
 Operator : SY/MD
 Sample : M2061-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR3-225-250-041521

Quant Time: Apr 17 02:31:06 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)

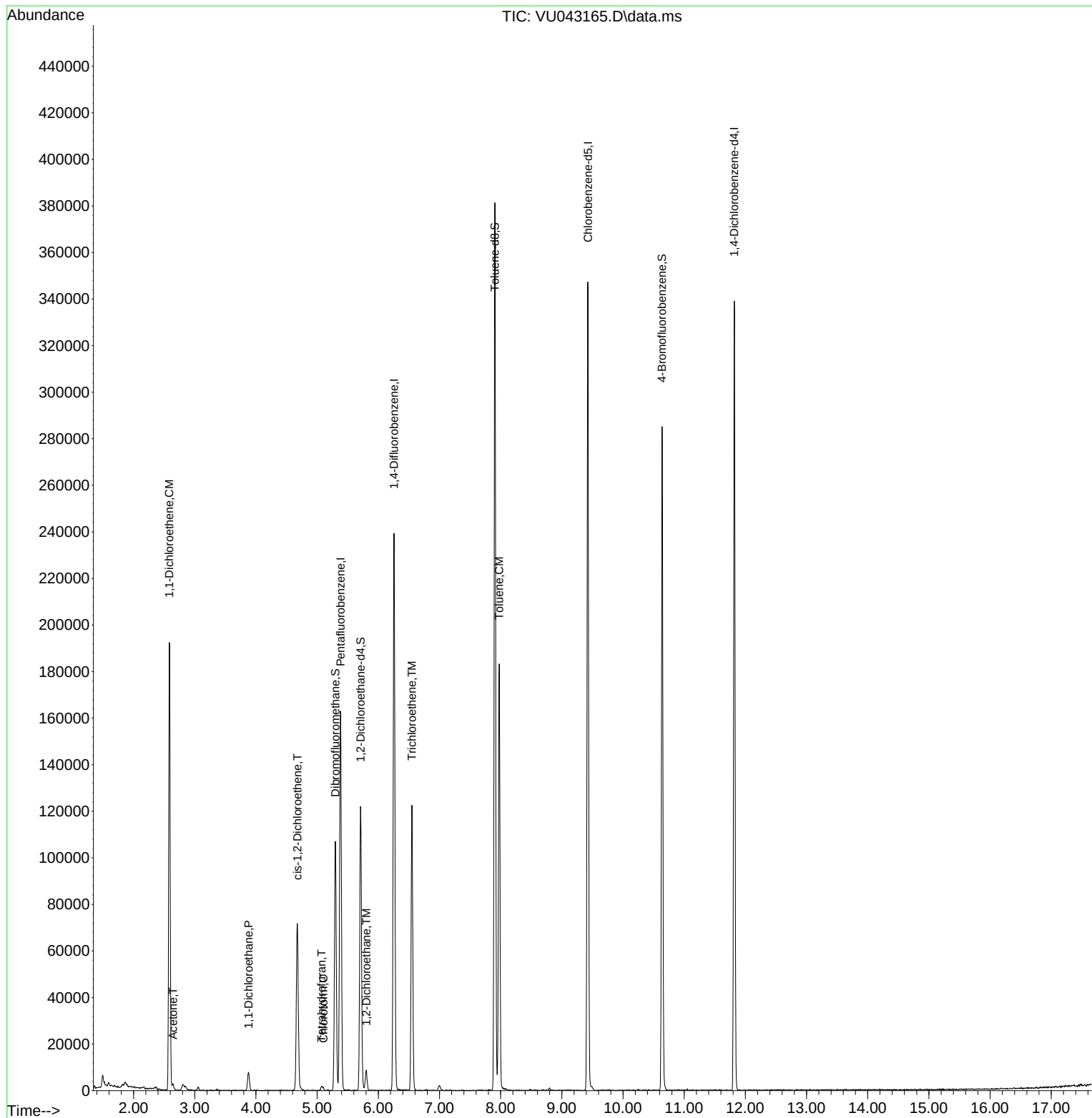
Internal Standards						
1) Pentafluorobenzene	5.382	168	109320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	181653	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	174049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	93774	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.298	113	64651	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	7.906	98	228051	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	10.639	95	83581	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.584	96	58229	56.90	ug/l	97
16) Acetone	2.645	43	3638	3.06	ug/l	98
24) 1,1-Dichloroethane	3.880	63	9231	3.84	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	35063	25.78	ug/l	90
29) Tetrahydrofuran	5.073	42	1180	1.12	ug/l #	73
30) Chloroform	5.102	83	813	0.32	ug/l #	82
42) 1,2-Dichloroethane	5.803	62	6963	2.85	ug/l	91
44) Trichloroethene	6.549	130	37154	26.60	ug/l	89
52) Toluene	7.976	92	70015	20.51	ug/l	100

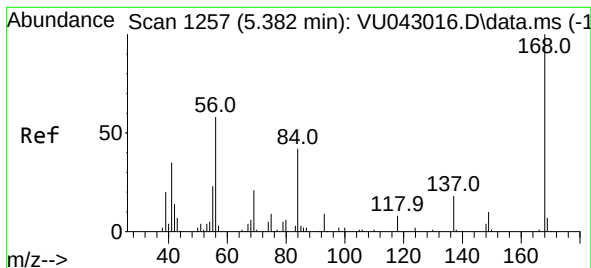
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GWBR3-225-250-041521

Quant Time: Apr 17 02:31:06 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

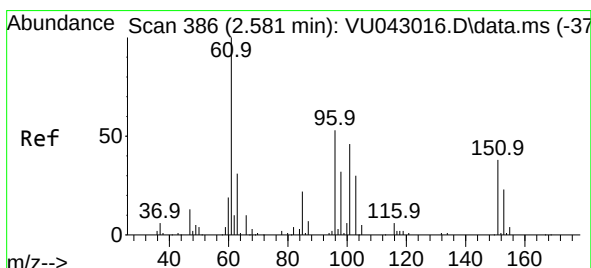
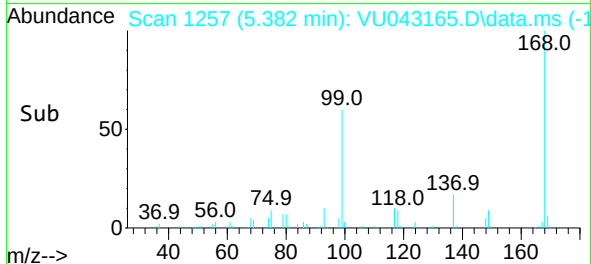
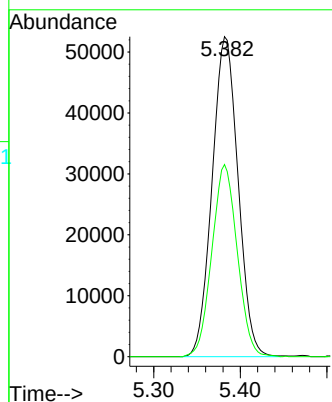
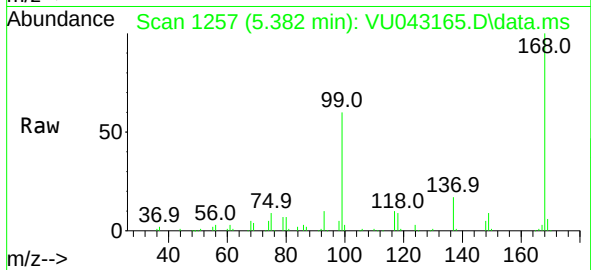




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

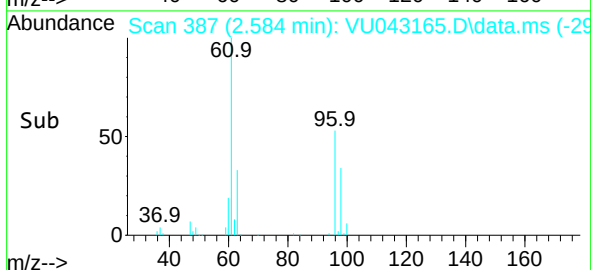
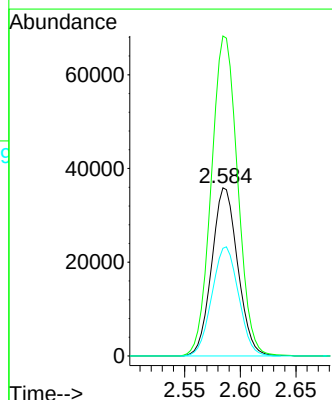
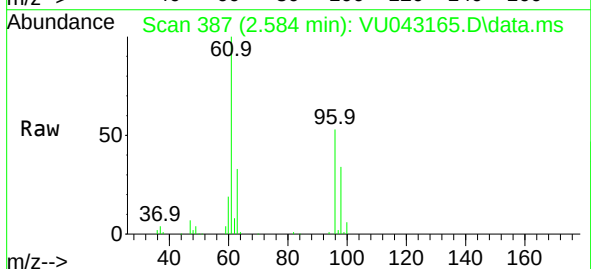
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-225-250-041521

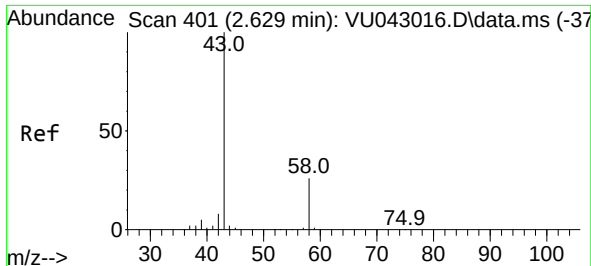
Tgt Ion:168 Resp: 109320
Ion Ratio Lower Upper
168 100
99 60.1 45.0 67.4



#12
1,1-Dichloroethene
Concen: 56.90 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

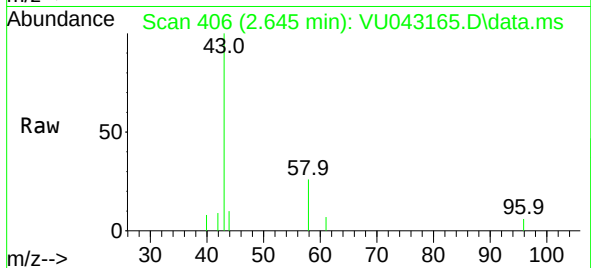
Tgt Ion: 96 Resp: 58229
Ion Ratio Lower Upper
96 100
61 190.3 147.4 221.0
98 64.1 51.4 77.2



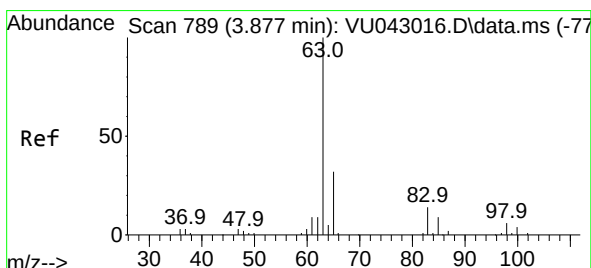
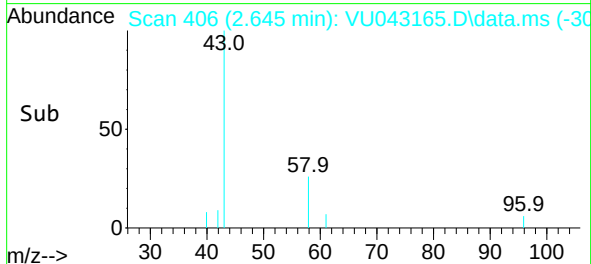
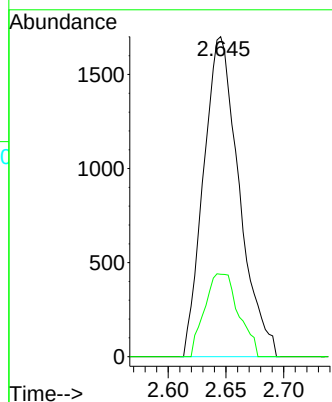


#16
Acetone
Concen: 3.06 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.016 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

Instrument :
MSVOA_U
ClientSampleId :
GWBR3-225-250-041521

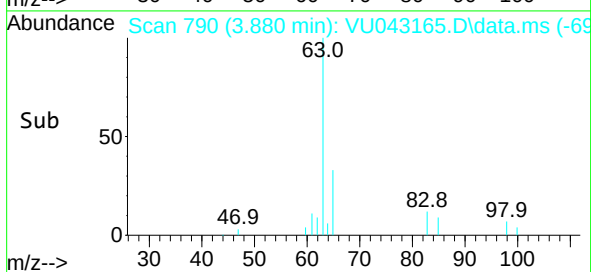
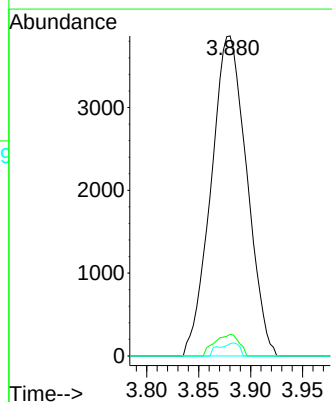
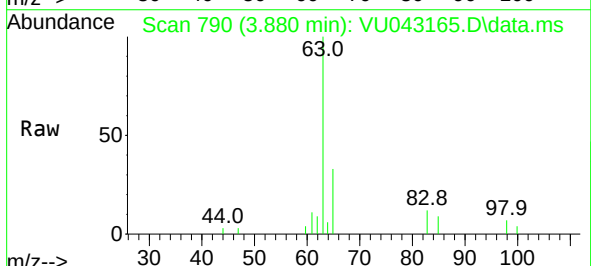


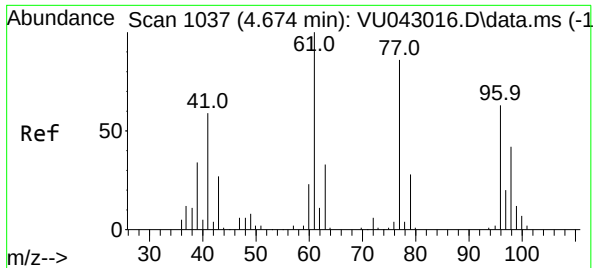
Tgt Ion: 43 Resp: 3638
Ion Ratio Lower Upper
43 100
58 25.7 21.5 32.3



#24
1,1-Dichloroethane
Concen: 3.84 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

Tgt Ion: 63 Resp: 9231
Ion Ratio Lower Upper
63 100
98 6.8 3.1 9.3
100 3.8 2.1 6.2



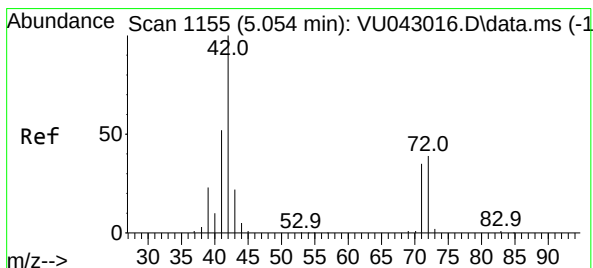
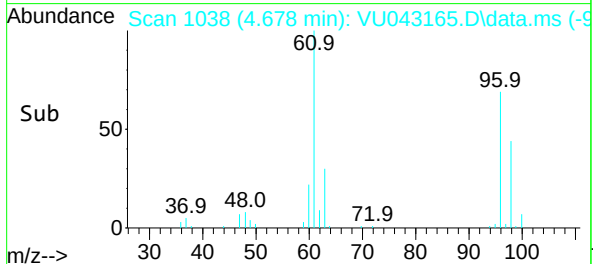
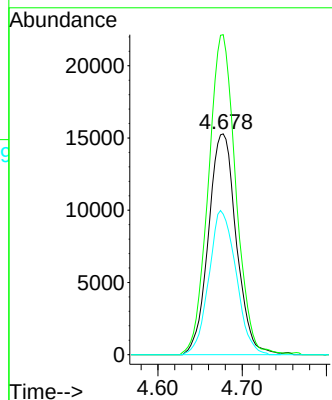
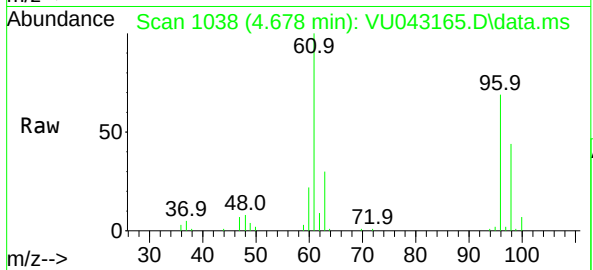


#27

cis-1,2-Dichloroethene
Concen: 25.78 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.004 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

Instrument :
MSVOA_U
ClientSampleId :
GWBR3-225-250-041521

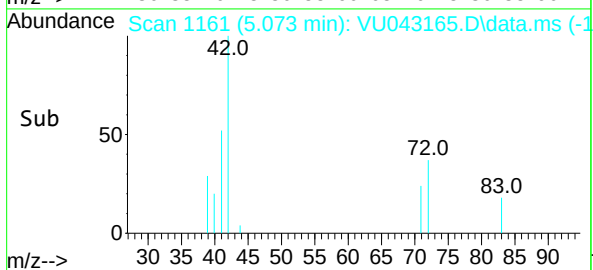
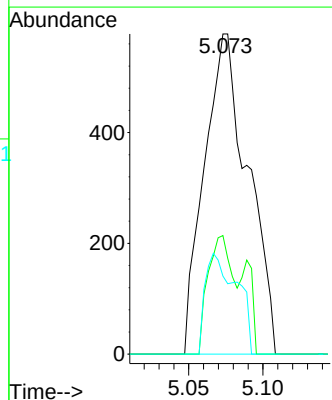
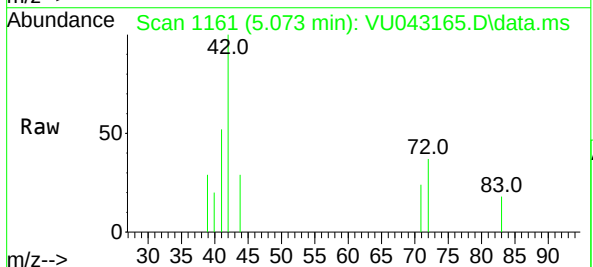
Tgt Ion:	96	Resp:	35063
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	322.2
98	63.7	0.0	128.6

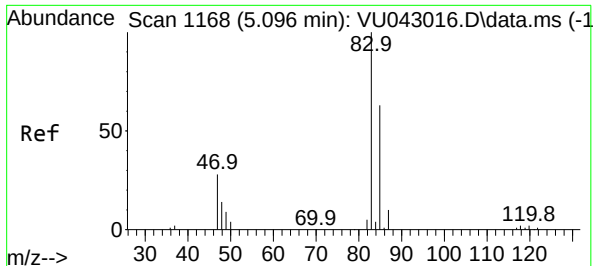


#29

Tetrahydrofuran
Concen: 1.12 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.019 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

Tgt Ion:	42	Resp:	1180
Ion	Ratio	Lower	Upper
42	100		
72	21.1	31.5	47.3#
71	22.7	29.5	44.3#





#30

Chloroform

Concen: 0.32 ug/l

RT: 5.102 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU043165.D

Acq: 16 Apr 2021 13:56

Instrument :

MSVOA_U

ClientSampleId :

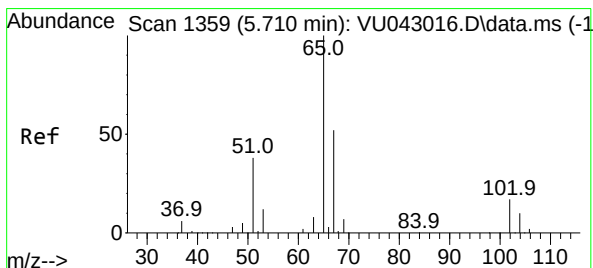
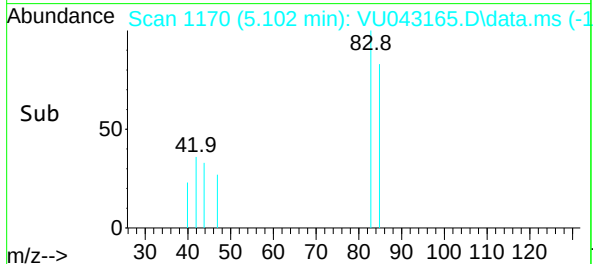
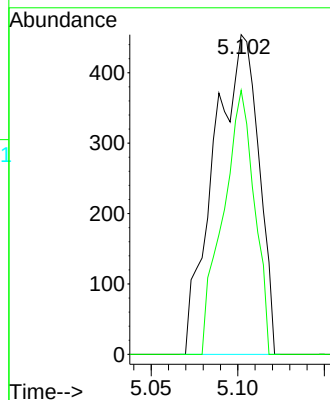
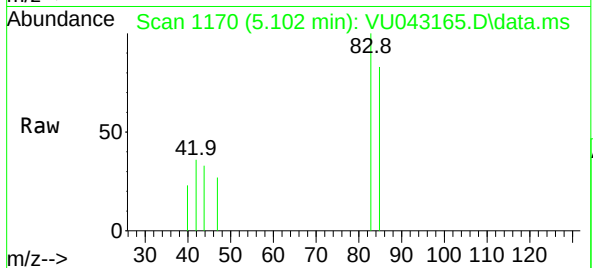
GWBR3-225-250-041521

Tgt Ion: 83 Resp: 813

Ion Ratio Lower Upper

83 100

85 82.6 54.6 81.8#



#33

1,2-Dichloroethane-d4

Concen: 51.03 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043165.D

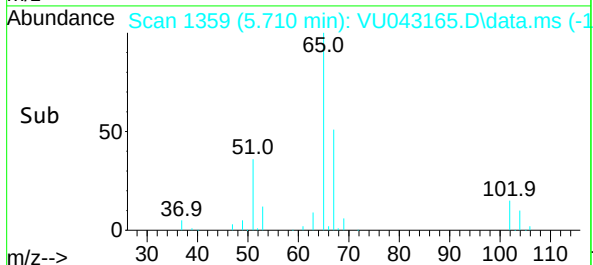
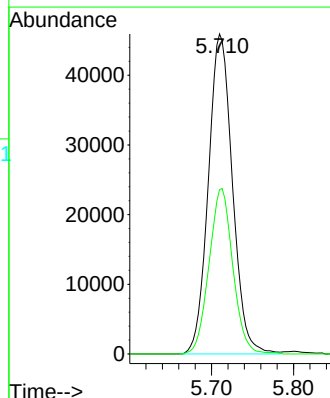
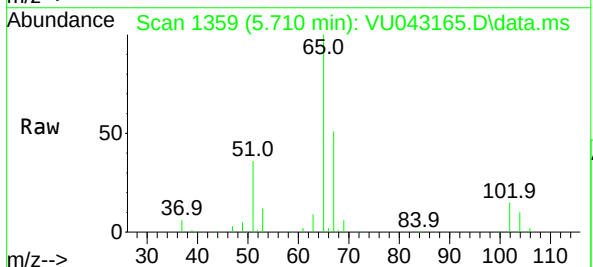
Acq: 16 Apr 2021 13:56

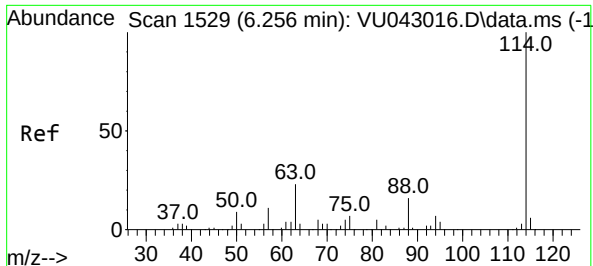
Tgt Ion: 65 Resp: 93774

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.8

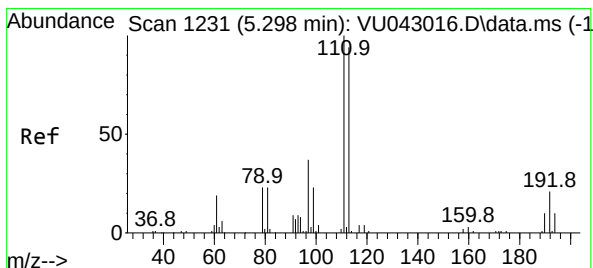
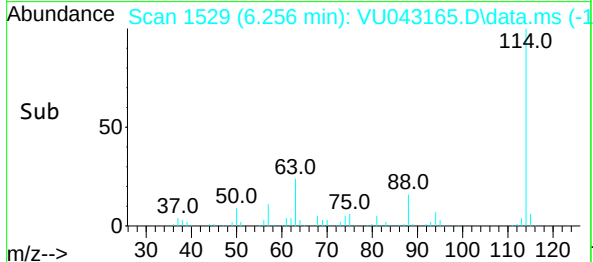
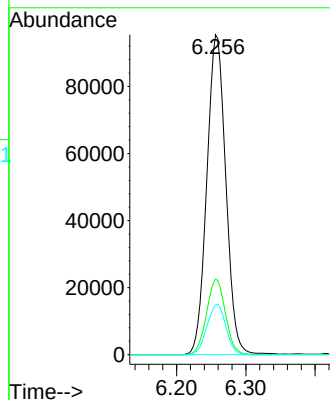
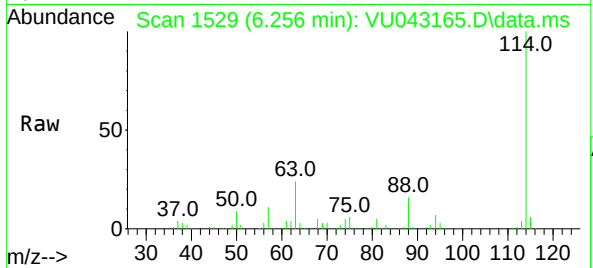




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

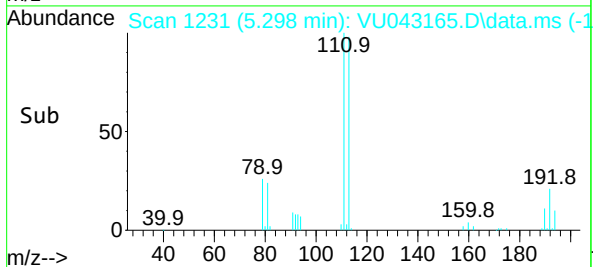
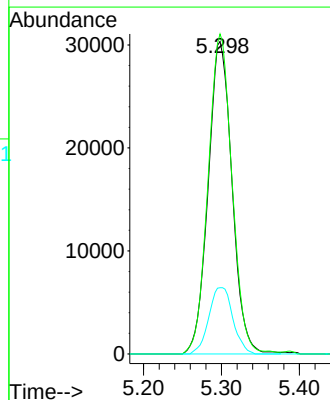
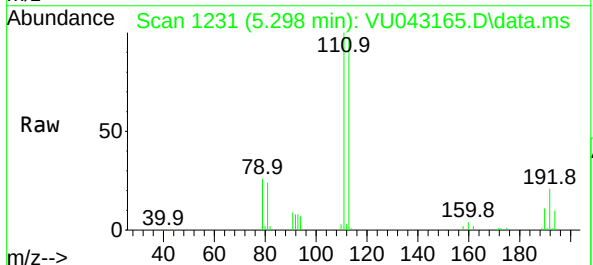
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-225-250-041521

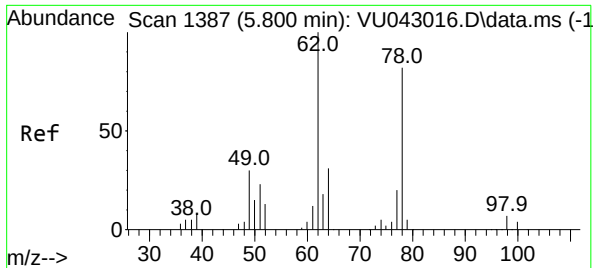
Tgt Ion:114	Resp:	181653
Ion Ratio	Lower	Upper
114	100	
63	23.6	0.0 44.2
88	15.6	0.0 33.4



#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

Tgt Ion:113	Resp:	64651
Ion Ratio	Lower	Upper
113	100	
111	102.5	81.8 122.8
192	21.4	17.2 25.8





#42

1,2-Dichloroethane

Concen: 2.85 ug/l

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU043165.D

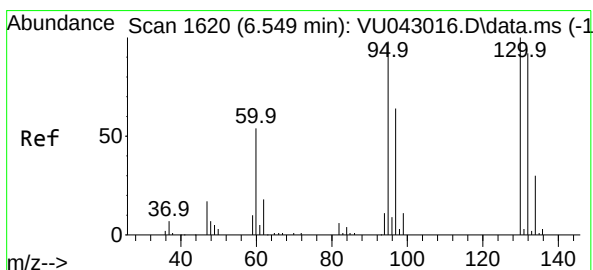
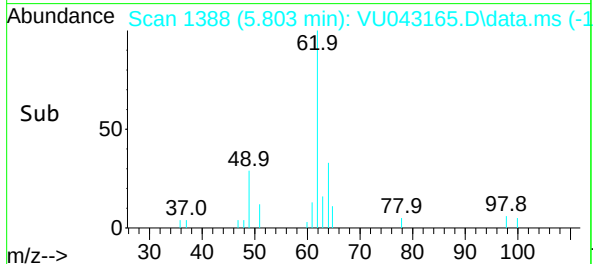
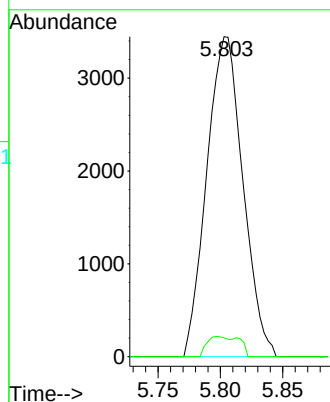
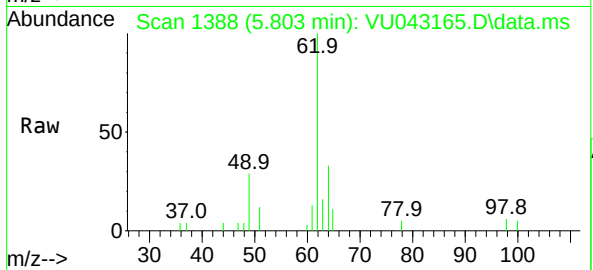
Acq: 16 Apr 2021 13:56

Tgt Ion: 62 Resp: 6963

Ion Ratio Lower Upper

62 100

98 4.2 0.0 14.8



#44

Trichloroethene

Concen: 26.60 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU043165.D

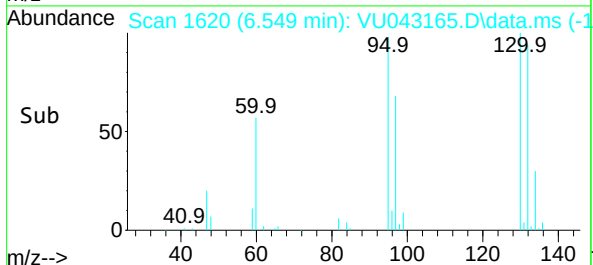
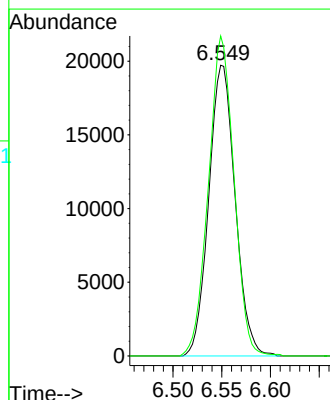
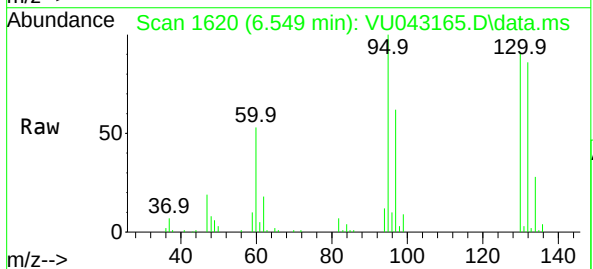
Acq: 16 Apr 2021 13:56

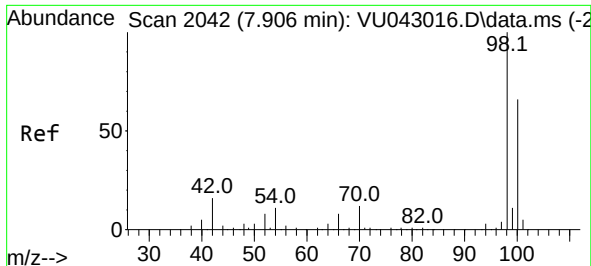
Tgt Ion: 130 Resp: 37154

Ion Ratio Lower Upper

130 100

95 110.1 0.0 197.8

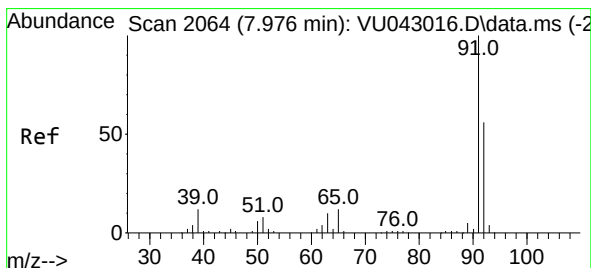
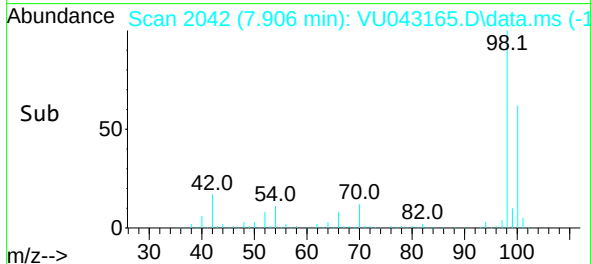
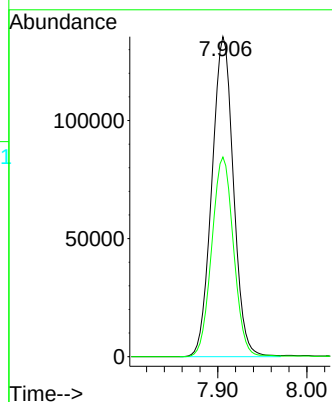
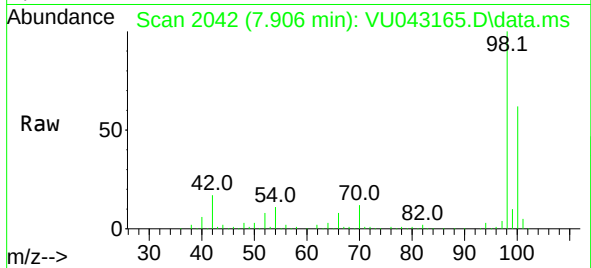




#50
Toluene-d8
Concen: 47.22 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

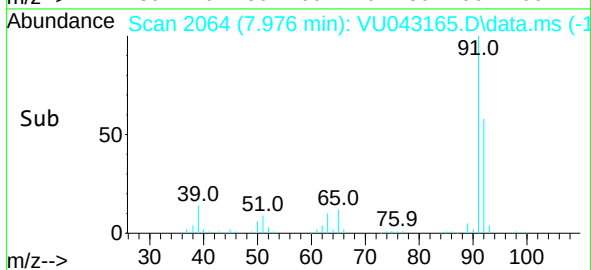
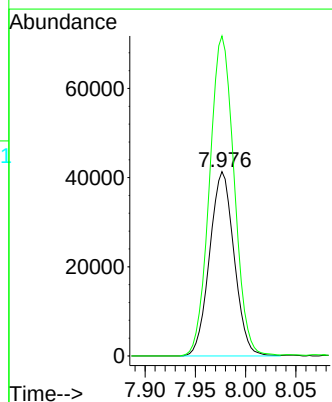
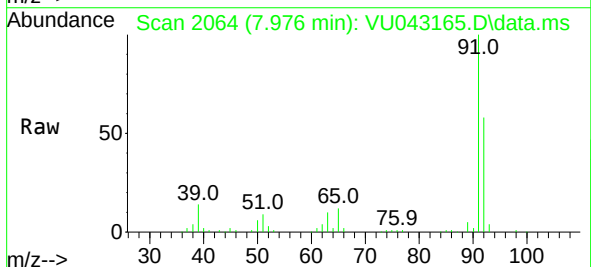
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-225-250-041521

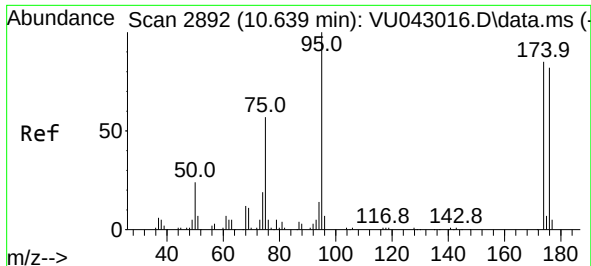
Tgt Ion: 98 Resp: 228051
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#52
Toluene
Concen: 20.51 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

Tgt Ion: 92 Resp: 70015
Ion Ratio Lower Upper
92 100
91 174.8 140.3 210.5

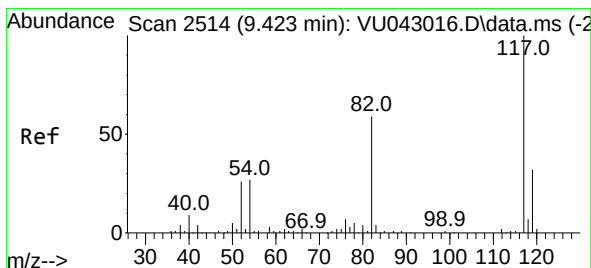
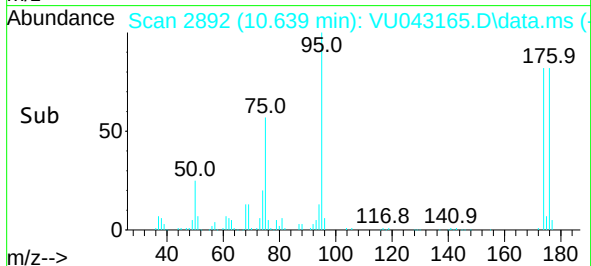
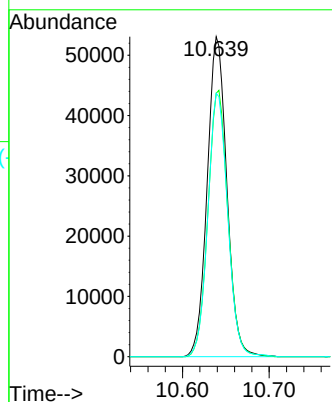
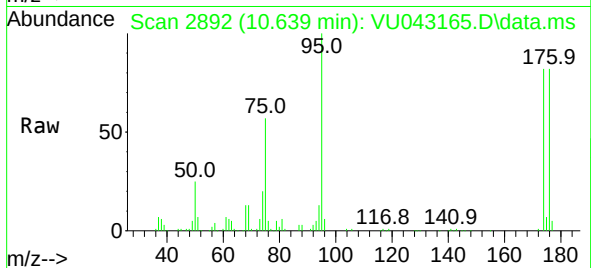




#62
4-Bromofluorobenzene
Concen: 43.21 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

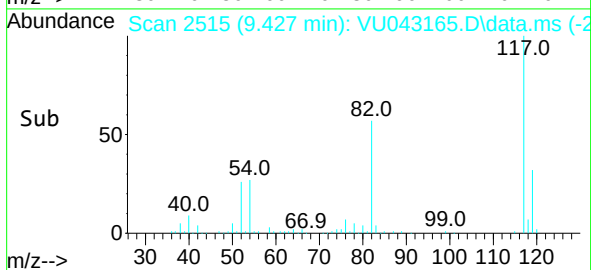
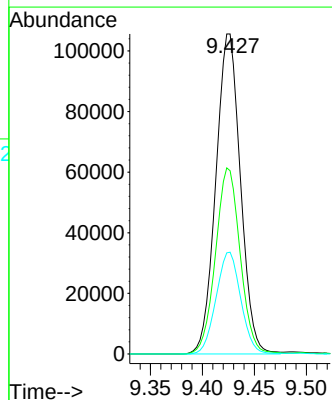
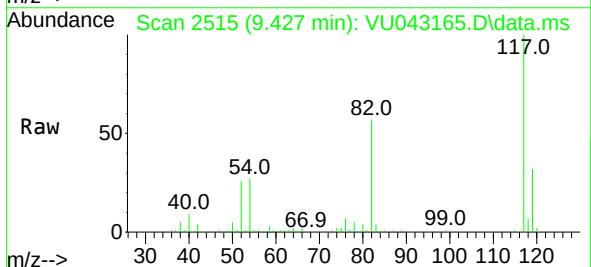
Instrument :
MSVOA_U
ClientSampleId :
GWBR3-225-250-041521

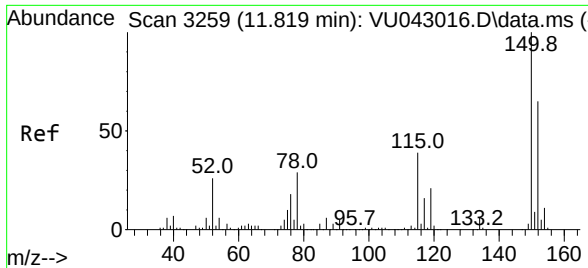
Tgt Ion: 95 Resp: 83581
Ion Ratio Lower Upper
95 100
174 84.2 0.0 172.2
176 83.0 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VU043165.D
Acq: 16 Apr 2021 13:56

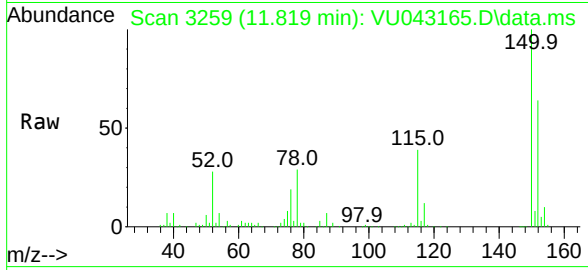
Tgt Ion: 117 Resp: 174049
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.6
119 31.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043165.D
 Acq: 16 Apr 2021 13:56

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR3-225-250-041521



Tgt Ion:152 Resp: 83231
 Ion Ratio Lower Upper
 152 100
 115 58.1 41.5 124.6
 150 154.8 0.0 342.4

