

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043182.D
 Acq On : 16 Apr 2021 20:28
 Operator : SY/MD
 Sample : M2056-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WASTE-TANK-B

Quant Time: Apr 17 04:56:45 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)

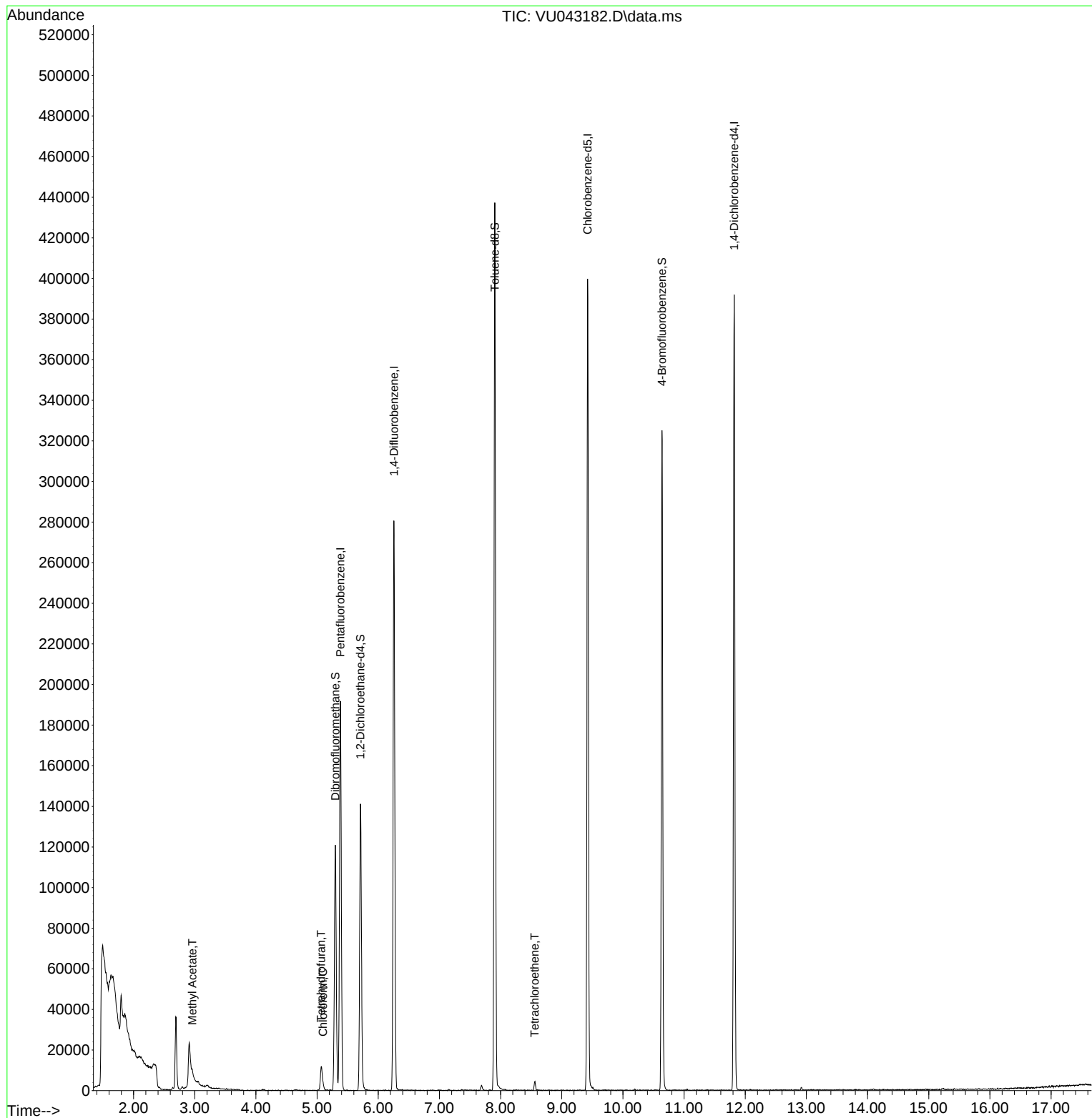
Internal Standards						
1) Pentafluorobenzene	5.382	168	127791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207973	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	197888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	108439	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.298	113	74580	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	7.906	98	263905	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	10.639	95	95586	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
Target Compounds						
						Qvalue
18) Methyl Acetate	2.960	43	5009	1.87	ug/l #	90
29) Tetrahydrofuran	5.067	42	8978	7.31	ug/l	92
30) Chloroform	5.095	83	827	0.28	ug/l	86
64) Tetrachloroethene	8.558	164	988	0.69	ug/l #	77

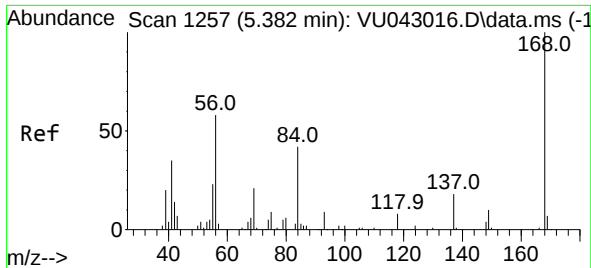
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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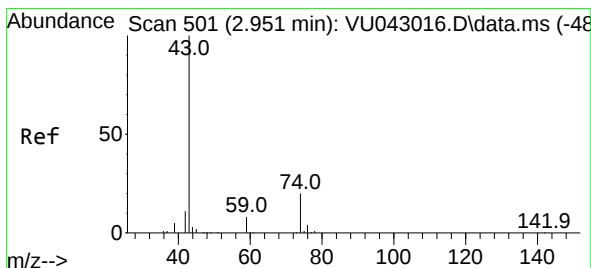
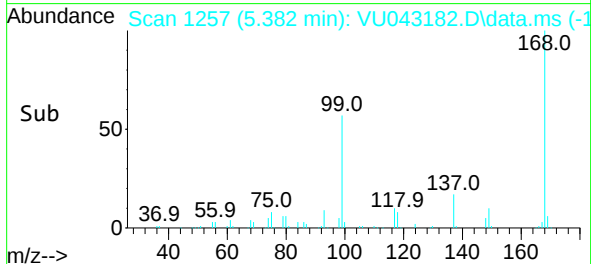
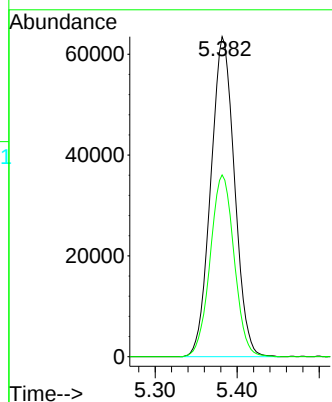
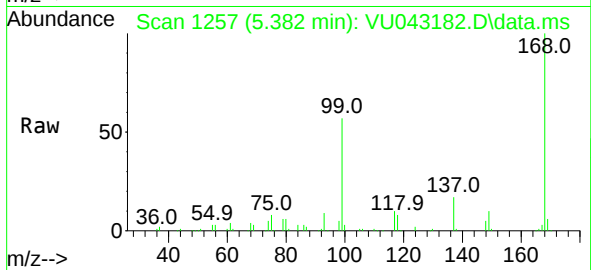




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

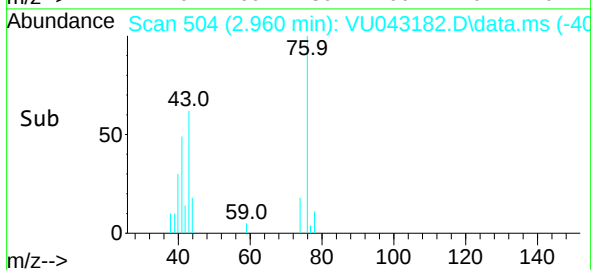
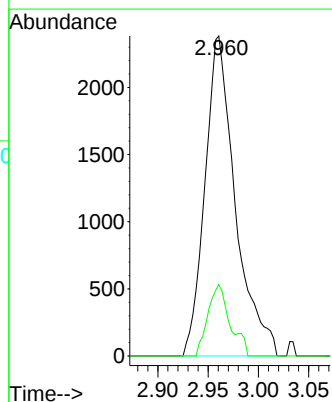
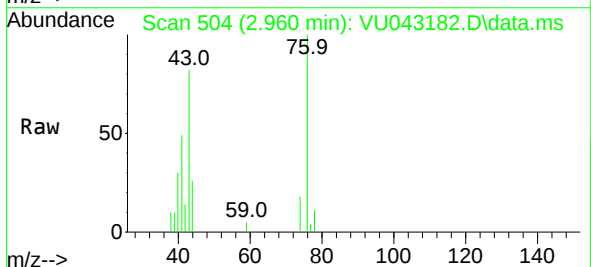
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

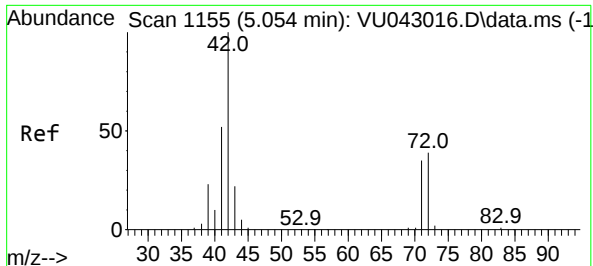
Tgt Ion:168 Resp: 127791
Ion Ratio Lower Upper
168 100
99 56.8 45.0 67.4



#18
Methyl Acetate
Concen: 1.87 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.009 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 43 Resp: 5009
Ion Ratio Lower Upper
43 100
74 16.2 16.6 25.0#





#29

Tetrahydrofuran

Concen: 7.31 ug/l

RT: 5.067 min Scan# 1159

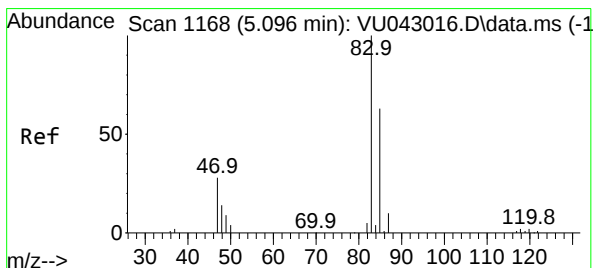
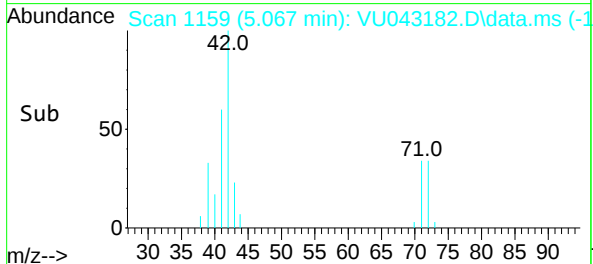
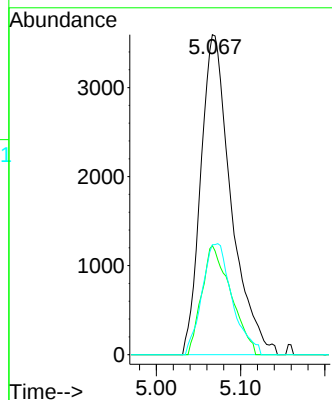
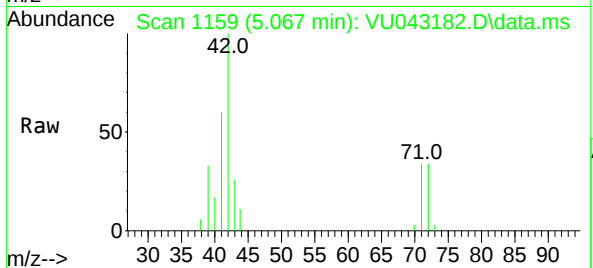
Delta R.T. 0.013 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

Tgt Ion:	42	Resp:	8978
Ion	Ratio	Lower	Upper
42	100		
72	32.8	31.5	47.3
71	34.5	29.5	44.3

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B



#30

Chloroform

Concen: 0.28 ug/l

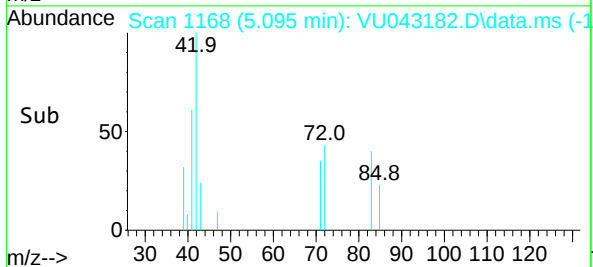
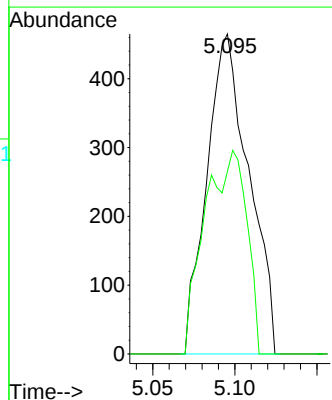
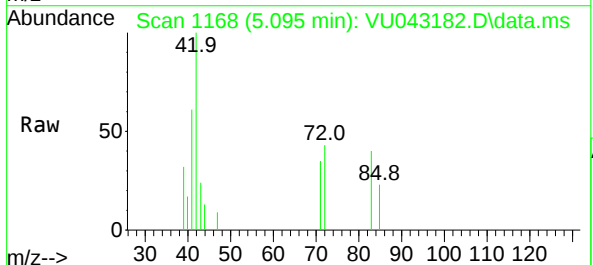
RT: 5.095 min Scan# 1168

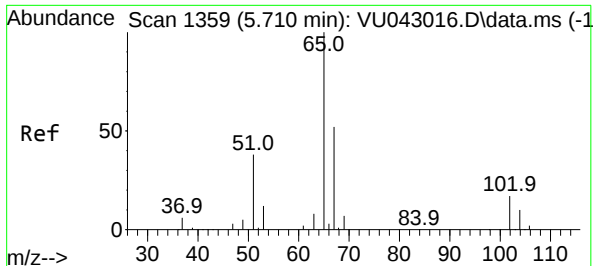
Delta R.T. -0.001 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

Tgt Ion:	83	Resp:	827
Ion	Ratio	Lower	Upper
83	100		
85	57.0	54.6	81.8





#33

1,2-Dichloroethane-d4

Concen: 50.48 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

Tgt Ion: 65 Resp: 108439

Ion Ratio Lower Upper

65 100

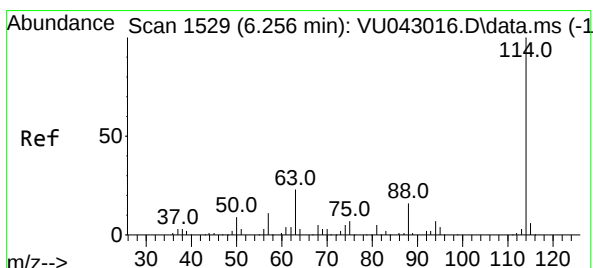
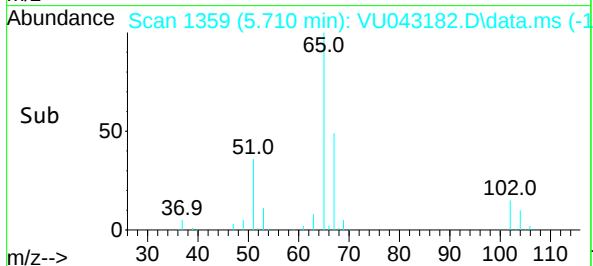
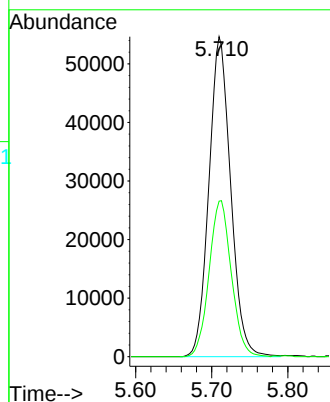
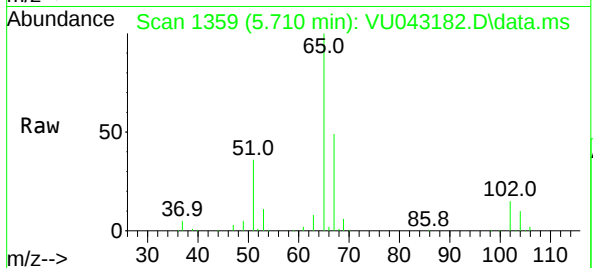
67 49.8 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

WASTE-TANK-B



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043182.D

Acq: 16 Apr 2021 20:28

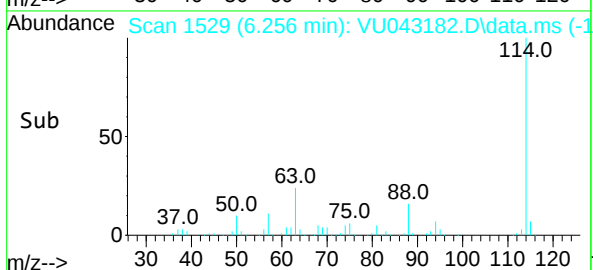
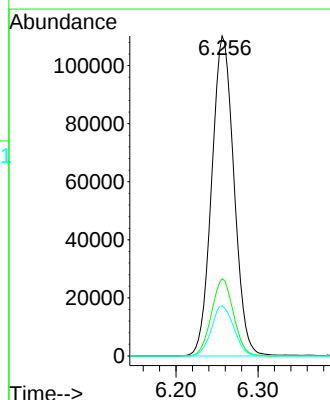
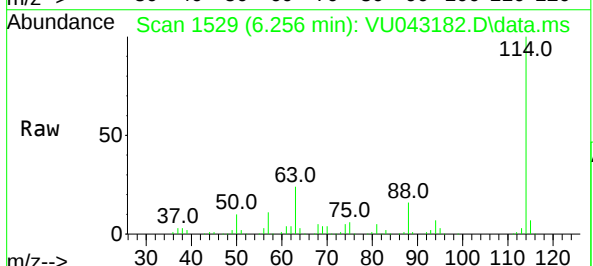
Tgt Ion: 114 Resp: 207973

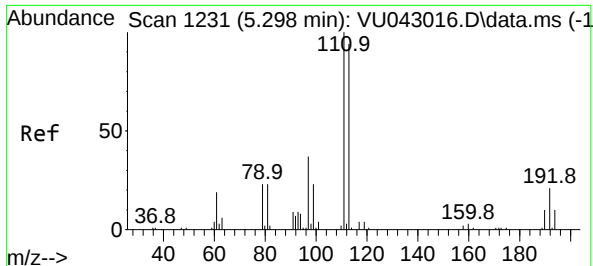
Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.2

88 15.7 0.0 33.4

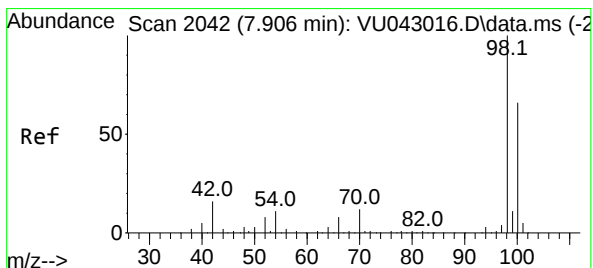
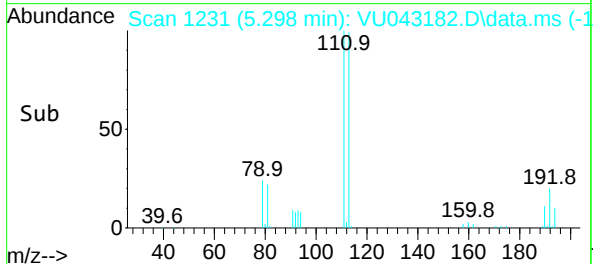
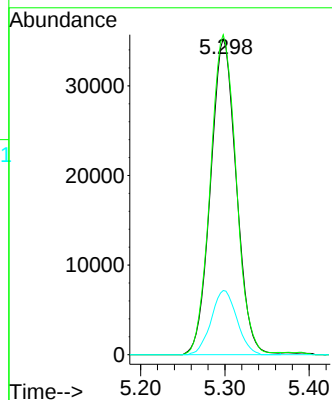
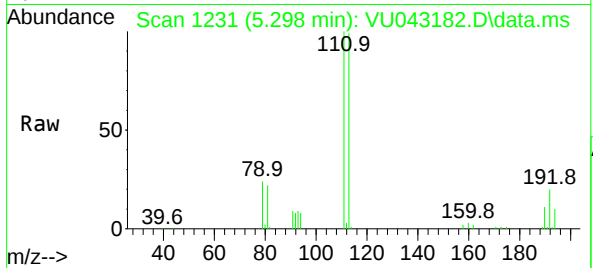




#35
Dibromofluoromethane
Concen: 47.72 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

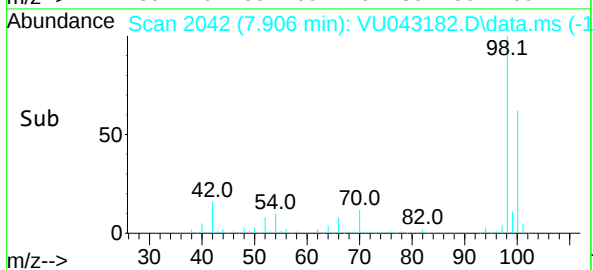
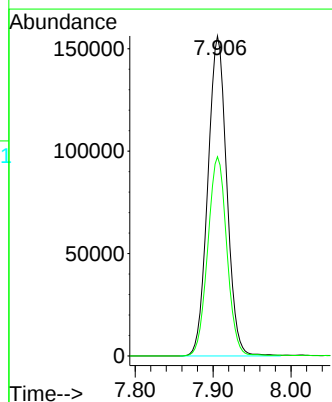
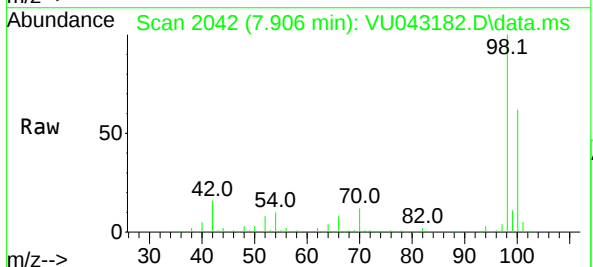
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

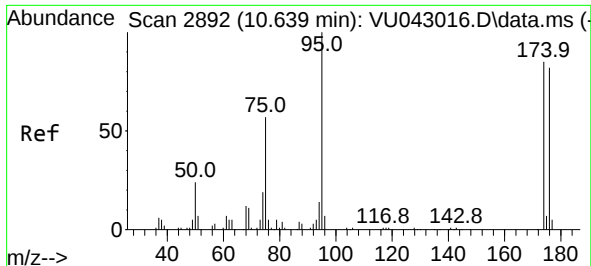
Tgt Ion:113 Resp: 74580
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.3 17.2 25.8



#50
Toluene-d8
Concen: 47.72 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 98 Resp: 263905
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

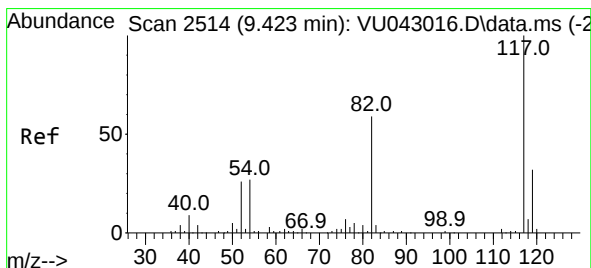
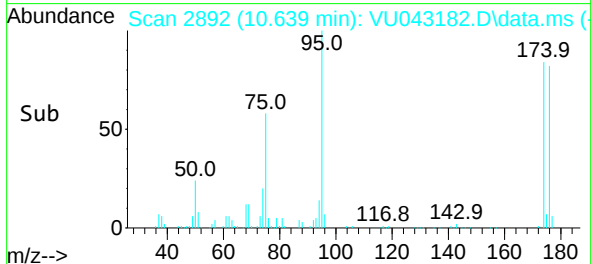
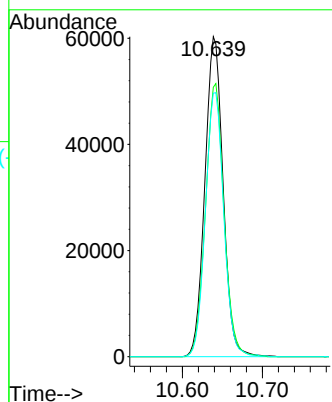
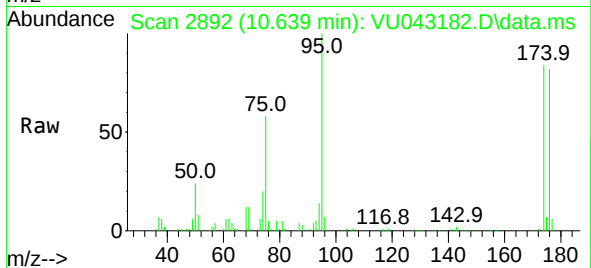




#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

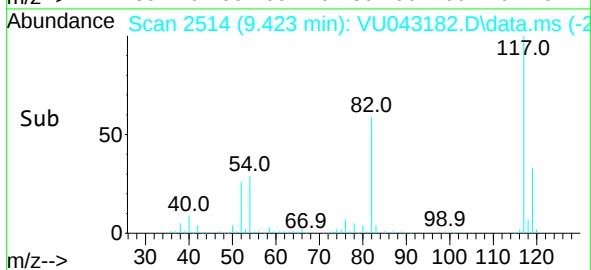
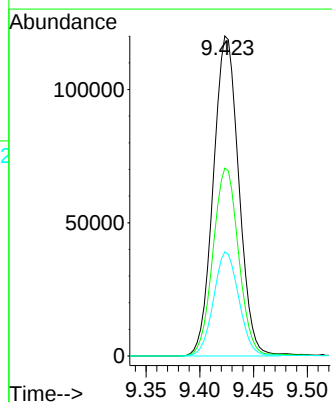
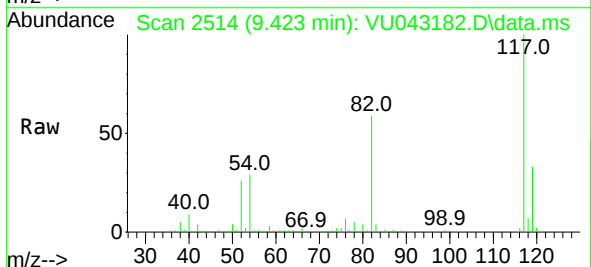
Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

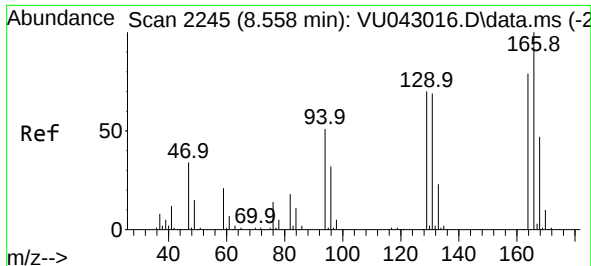
Tgt Ion: 95 Resp: 95586
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 83.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion: 117 Resp: 197888
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 32.6 25.8 38.8

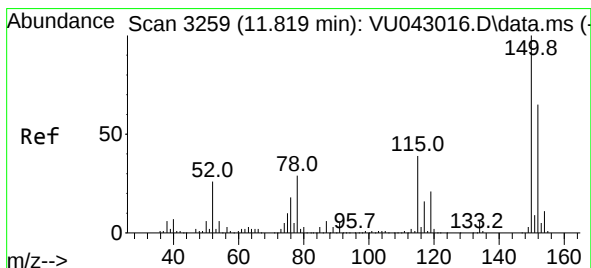
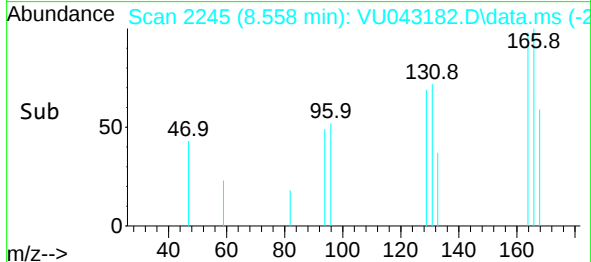
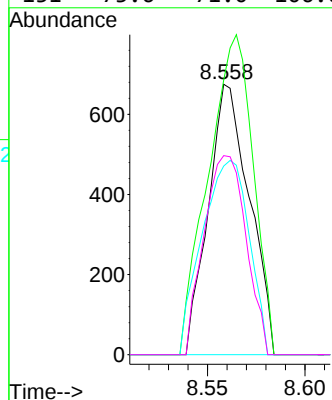
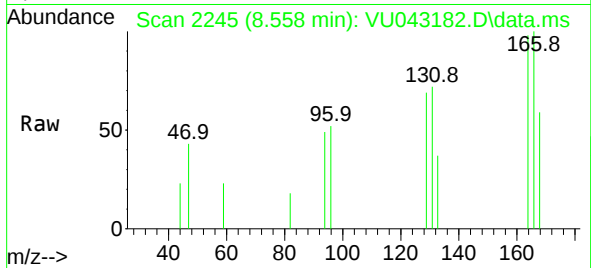




#64
Tetrachloroethene
Concen: 0.69 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
WASTE-TANK-B

Tgt Ion:164 Resp: 988
Ion Ratio Lower Upper
164 100
166 101.6 105.3 157.9#
129 69.8 75.0 112.6#
131 73.6 71.0 106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043182.D
Acq: 16 Apr 2021 20:28

Tgt Ion:152 Resp: 97259
Ion Ratio Lower Upper
152 100
115 58.1 41.5 124.6
150 153.6 0.0 342.4

