

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042398.D
 Acq On : 22 Feb 2021 16:27
 Operator : SY/MD
 Sample : M1457-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR1-85-100-021921

Quant Time: Feb 22 16:50:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

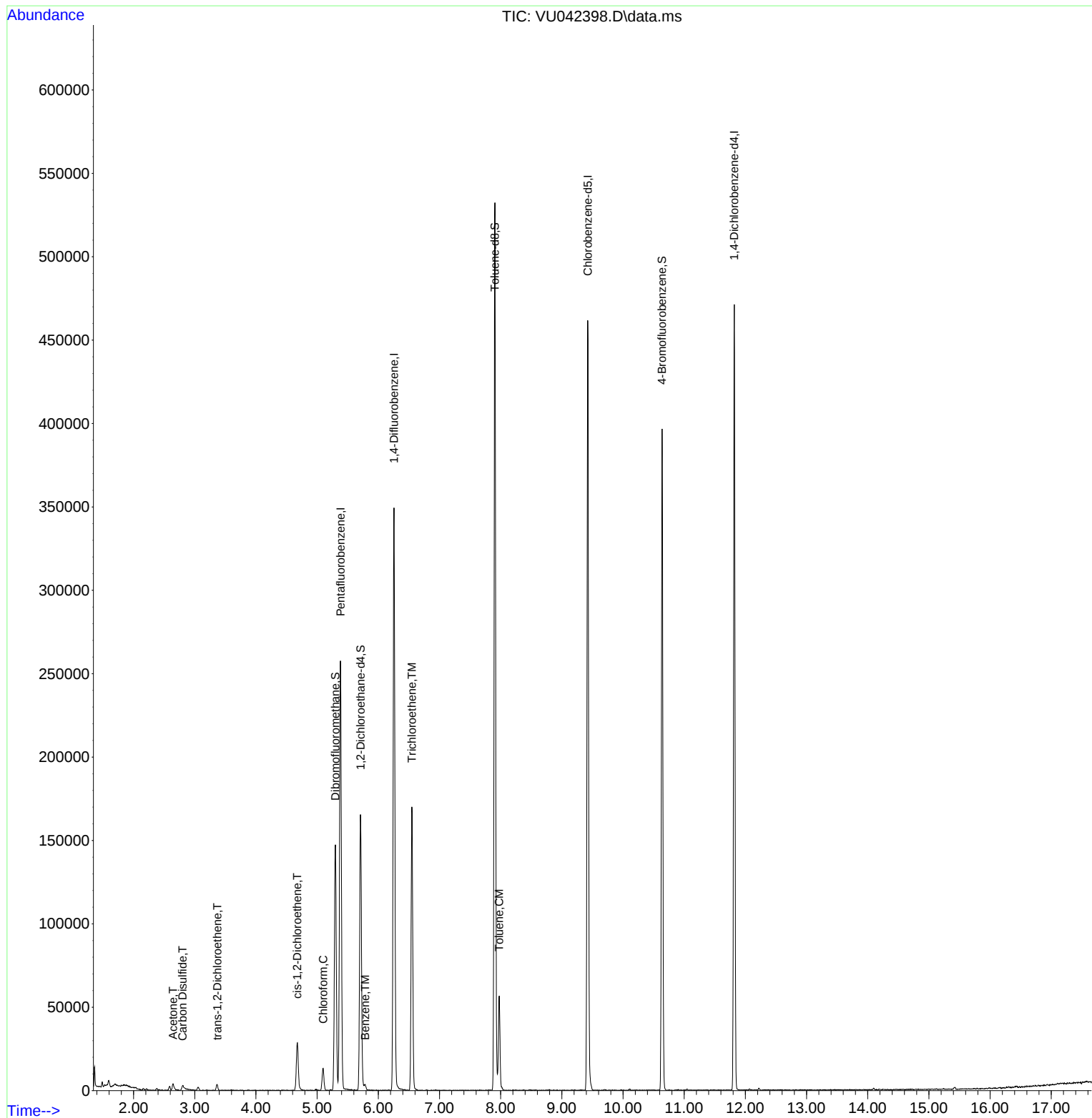
Internal Standards						
1) Pentafluorobenzene	5.382	168	181931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	273751	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	242522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	132066	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.298	113	91619	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	7.906	98	333443	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	10.639	95	119039	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
Target Compounds						Qvalue
16) Acetone	2.646	43	5848	3.42	ug/l	94
17) Carbon Disulfide	2.800	76	2197	0.44	ug/l	99
21) trans-1,2-Dichloroethene	3.369	96	1464	0.81	ug/l	91
27) cis-1,2-Dichloroethene	4.674	96	14234	6.83	ug/l	90
30) Chloroform	5.099	83	11154	3.00	ug/l	97
40) Benzene	5.787	78	2430	0.32	ug/l #	83
44) Trichloroethene	6.549	130	54598	26.94	ug/l	96
52) Toluene	7.977	92	21143	4.50	ug/l	100

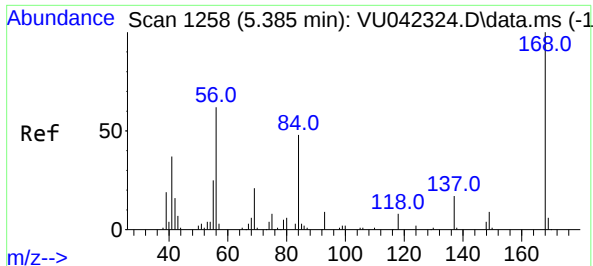
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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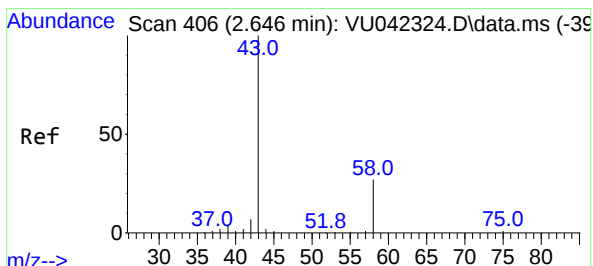
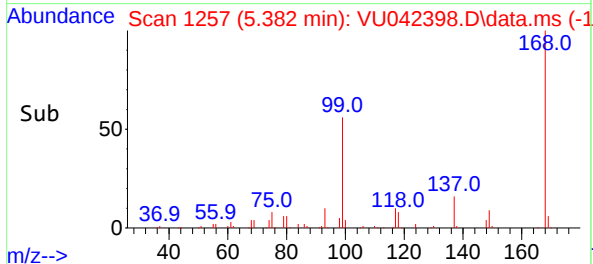
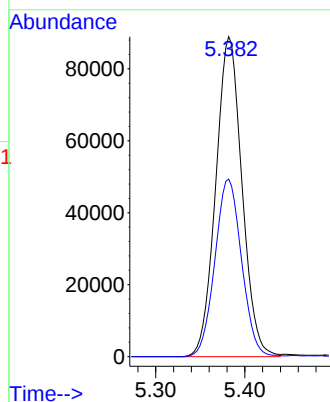
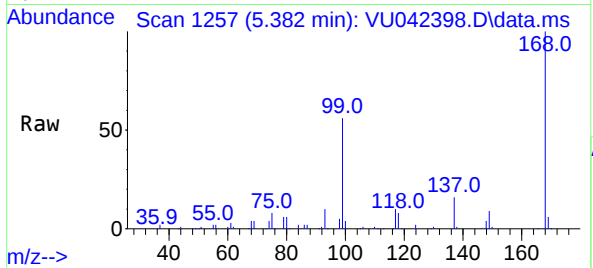




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

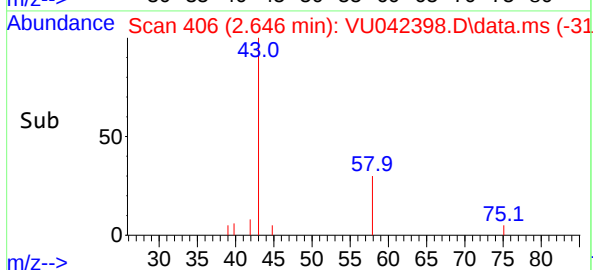
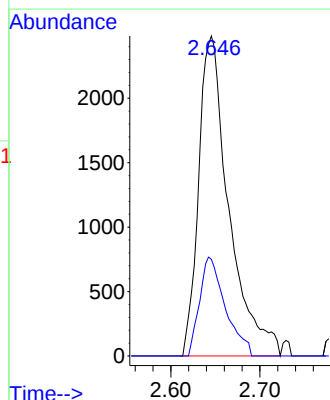
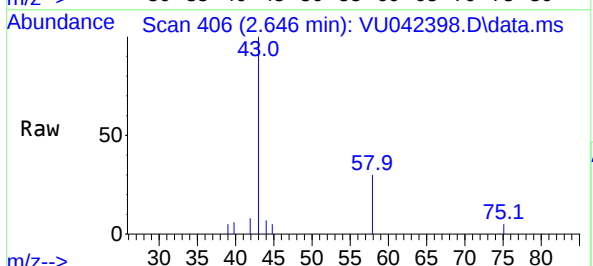
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-85-100-021921

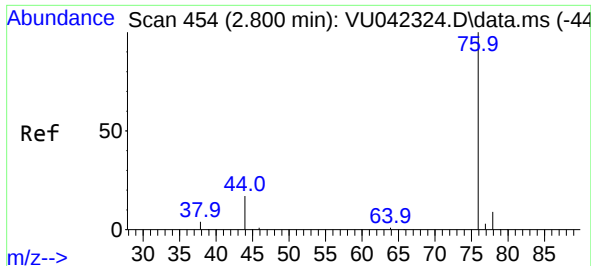
Tgt Ion:168 Resp: 181931
Ion Ratio Lower Upper
168 100
99 55.5 45.0 67.4



#16
Acetone
Concen: 3.42 ug/l
RT: 2.646 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 43 Resp: 5848
Ion Ratio Lower Upper
43 100
58 30.2 21.5 32.3

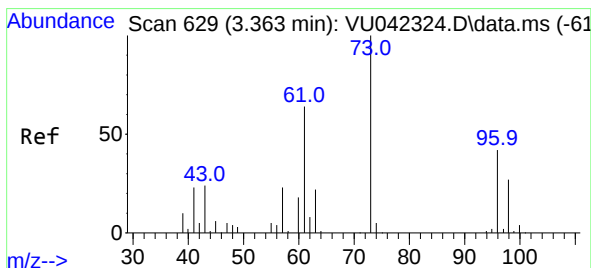
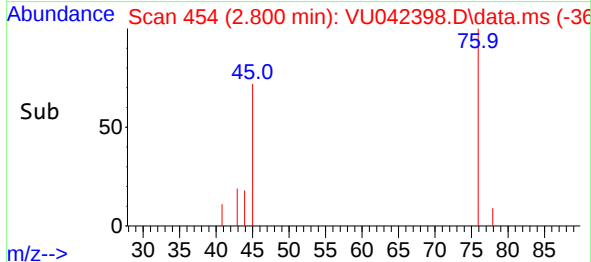
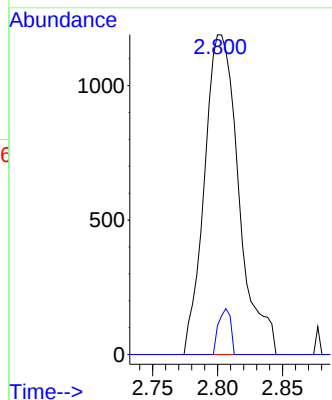
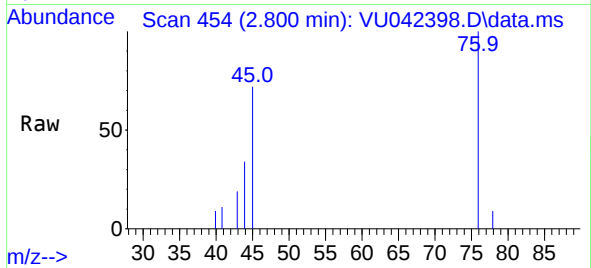




#17
Carbon Disulfide
Concen: 0.44 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

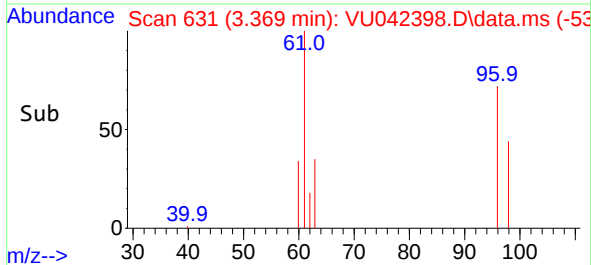
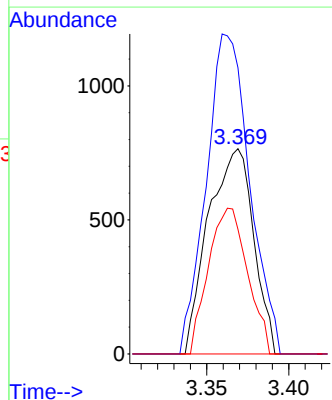
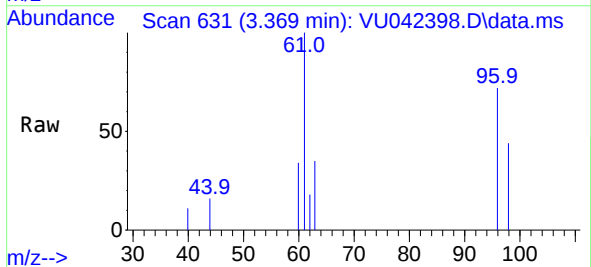
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-85-100-021921

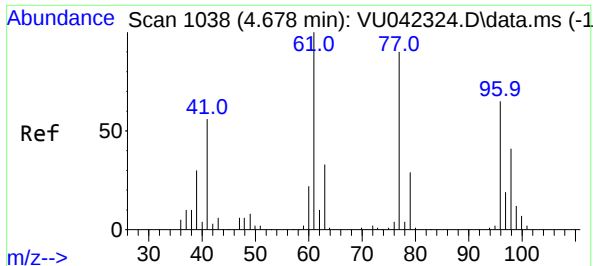
Tgt Ion: 76 Resp: 2197
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#21
trans-1,2-Dichloroethene
Concen: 0.81 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 96 Resp: 1464
Ion Ratio Lower Upper
96 100
61 139.4 122.4 183.6
98 60.7 51.9 77.9

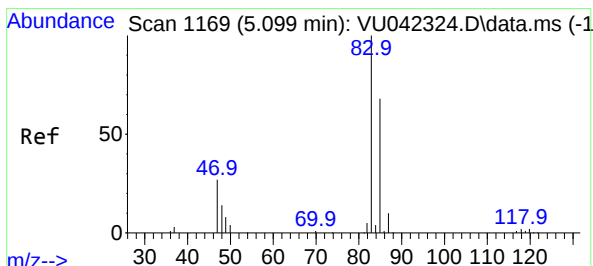
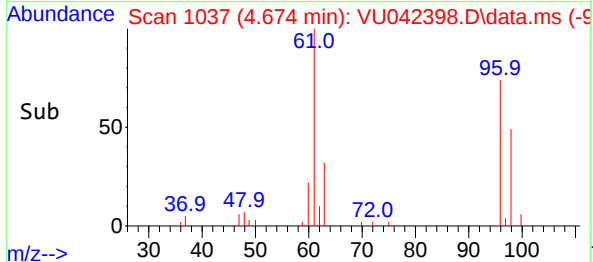
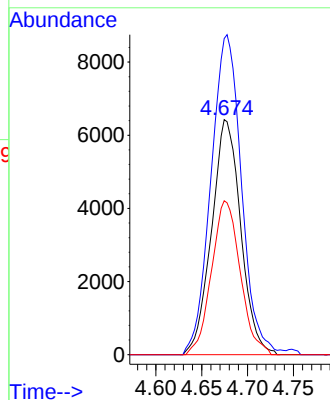
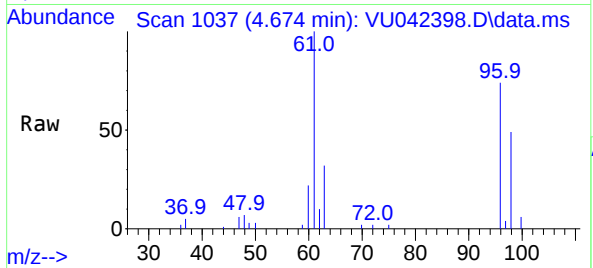




#27
cis-1,2-Dichloroethene
Concen: 6.83 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

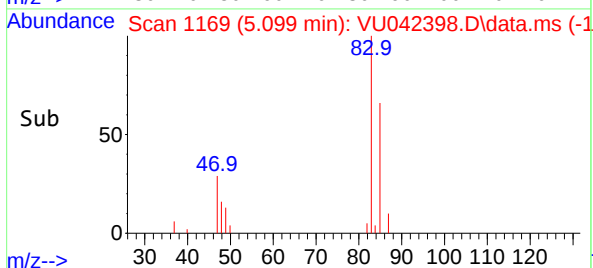
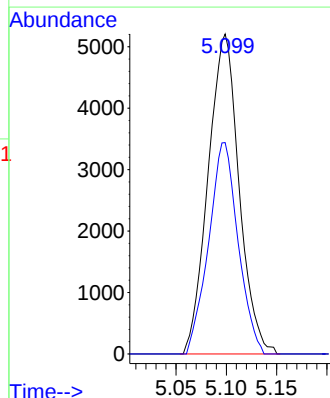
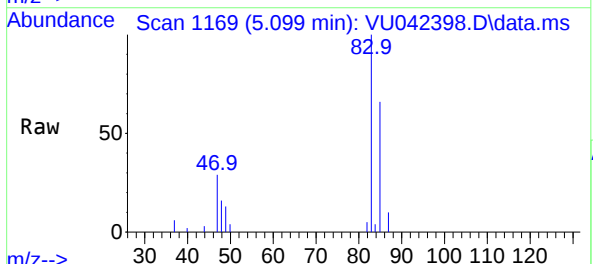
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-85-100-021921

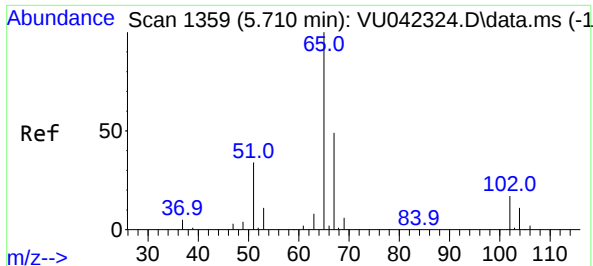
Tgt Ion:	96	Resp:	14234
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	322.2
98	64.3	0.0	128.6



#30
Chloroform
Concen: 3.00 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion:	83	Resp:	11154
Ion	Ratio	Lower	Upper
83	100		
85	66.1	54.6	81.8



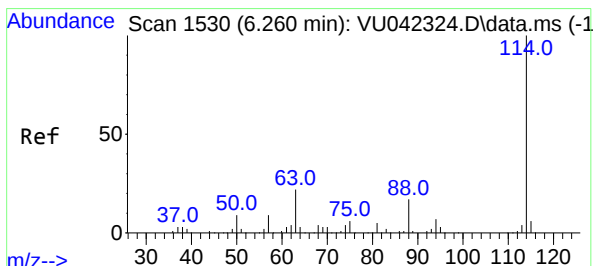
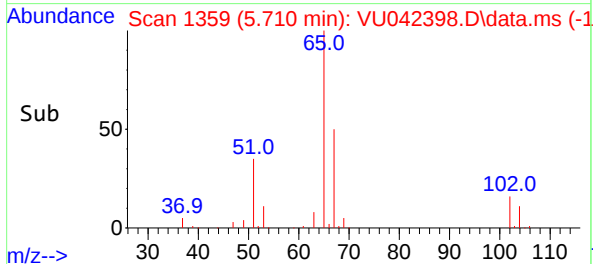
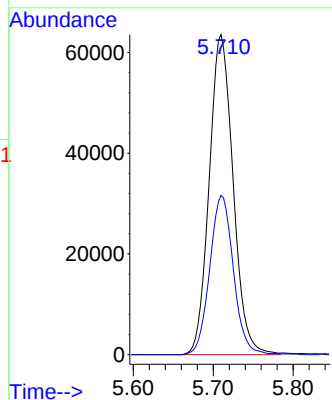
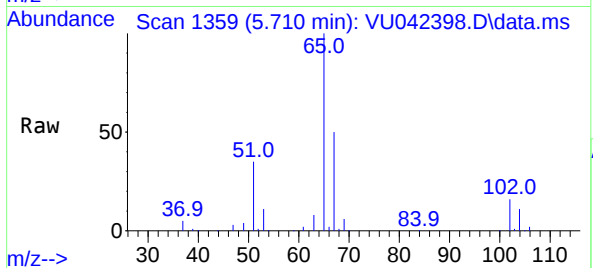


#33

1,2-Dichloroethane-d4
Concen: 47.87 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Instrument :
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ClientSampleId :
GWBR1-85-100-021921

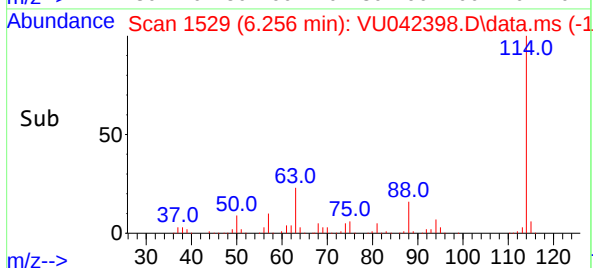
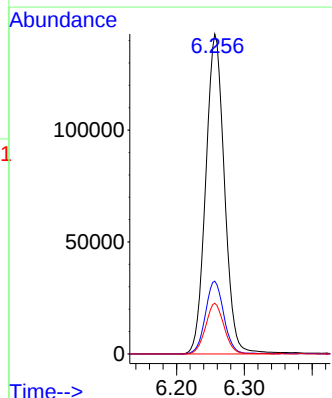
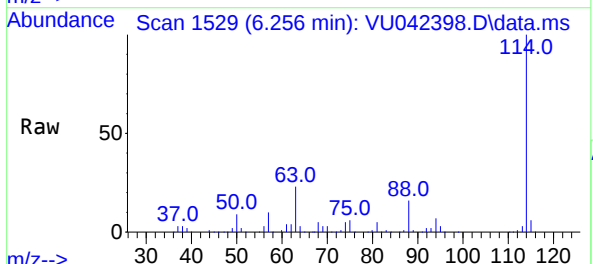
Tgt Ion: 65 Resp: 132066
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.8

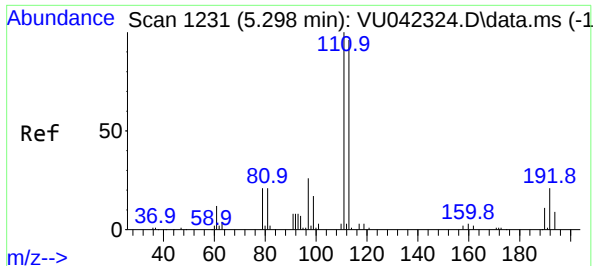


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 114 Resp: 273751
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.2
88 15.9 0.0 33.4

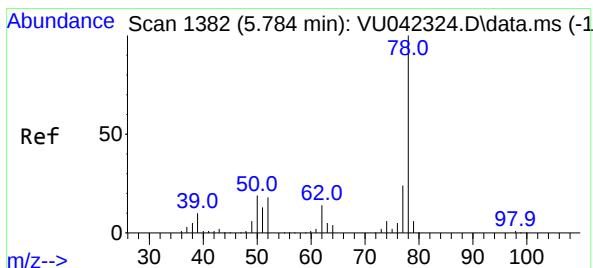
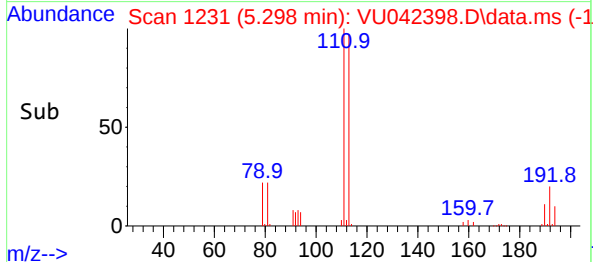
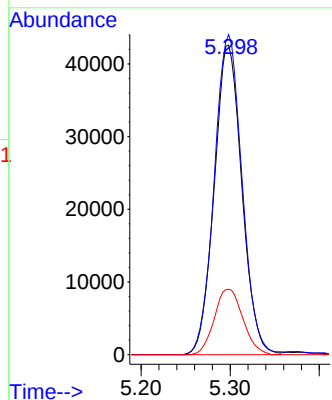
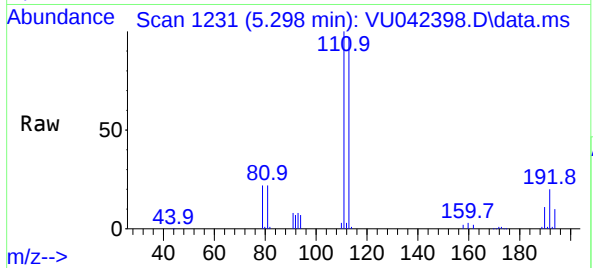




#35
Dibromofluoromethane
Concen: 47.42 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

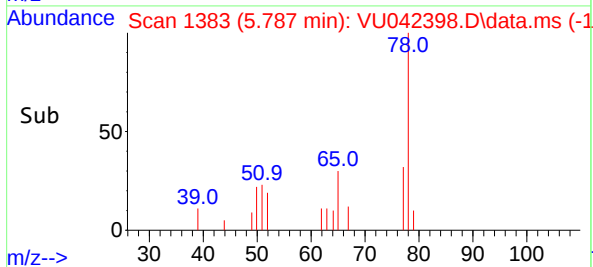
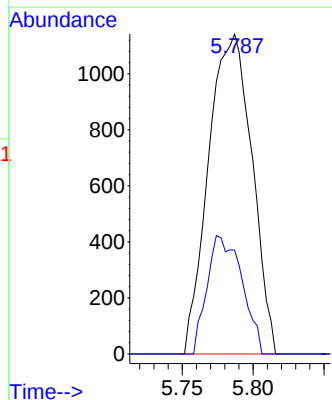
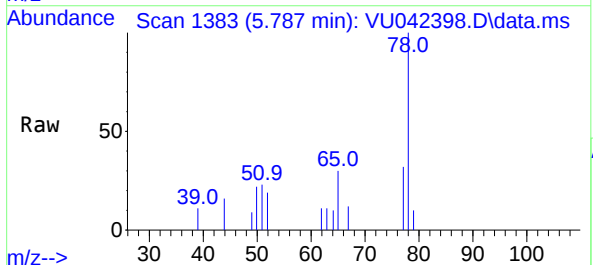
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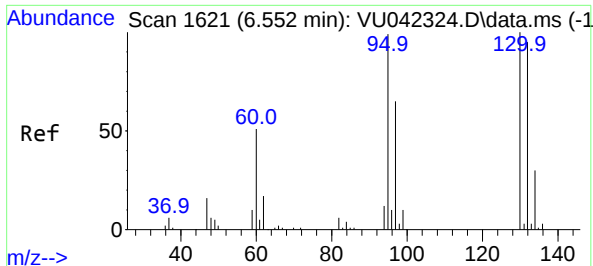
Tgt Ion:	113	Resp:	91619
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	21.9	17.2	25.8



#40
Benzene
Concen: 0.32 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion:	78	Resp:	2430
Ion	Ratio	Lower	Upper
78	100		
77	32.5	19.3	28.9#

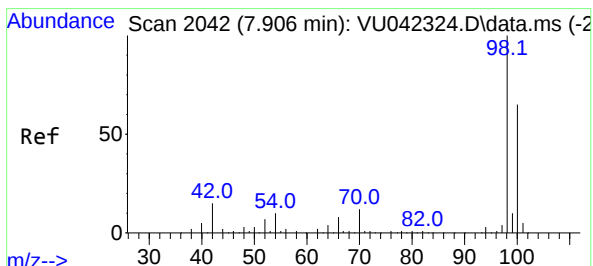
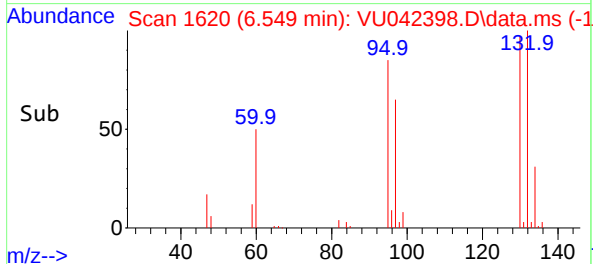
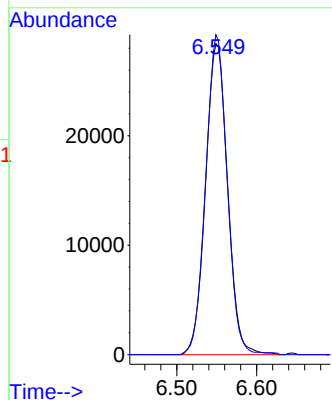
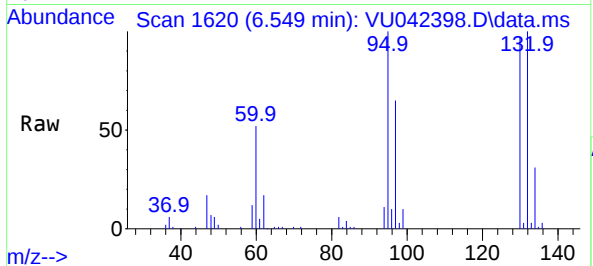




#44
Trichloroethene
Concen: 26.94 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

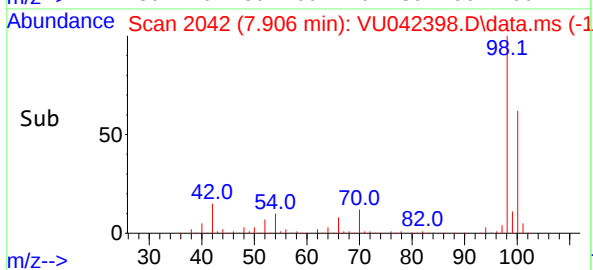
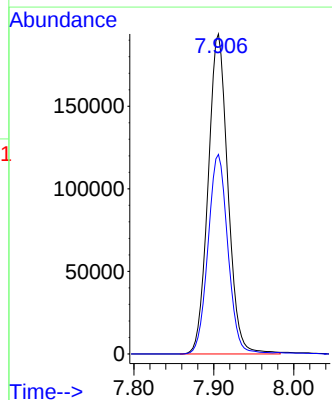
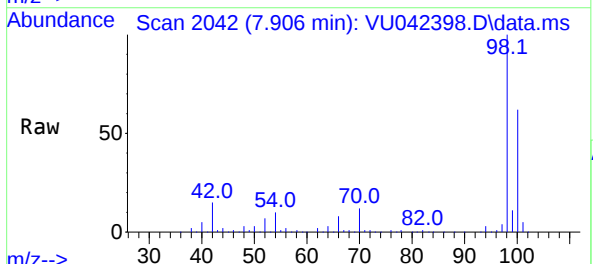
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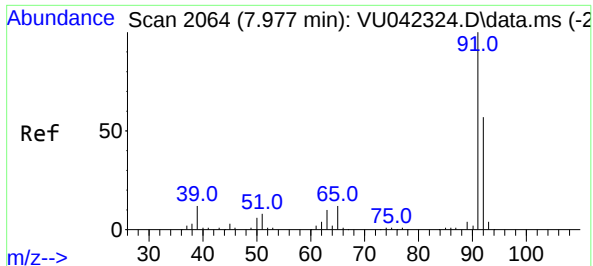
Tgt Ion:130 Resp: 54598
Ion Ratio Lower Upper
130 100
95 102.9 0.0 197.8



#50
Toluene-d8
Concen: 48.18 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 98 Resp: 333443
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

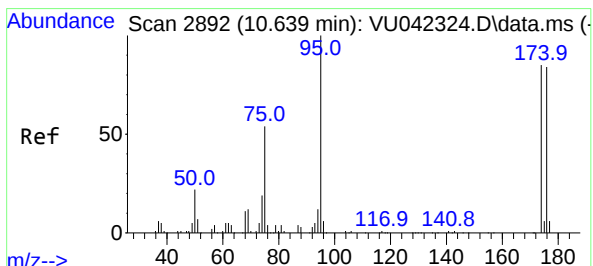
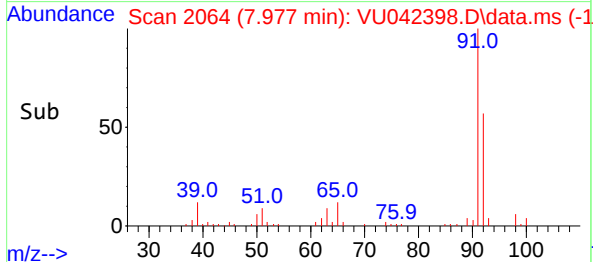
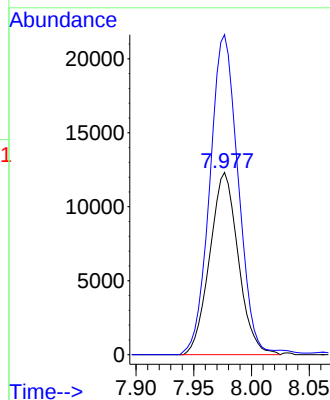
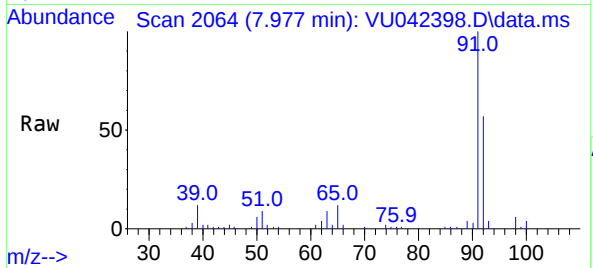




#52
Toluene
Concen: 4.50 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

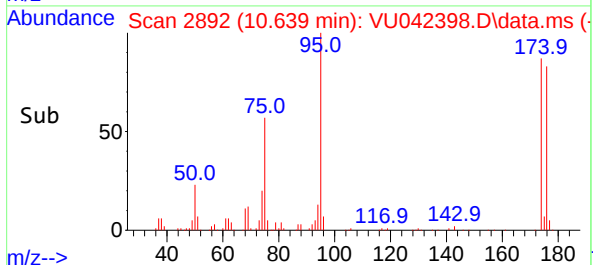
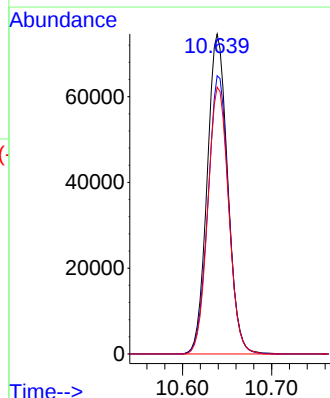
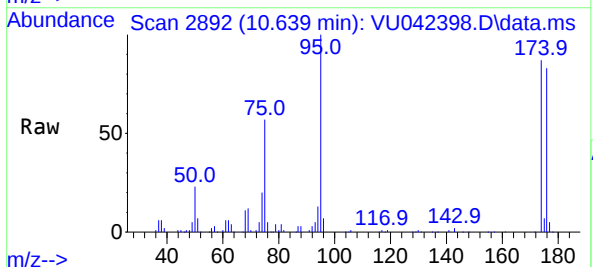
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-85-100-021921

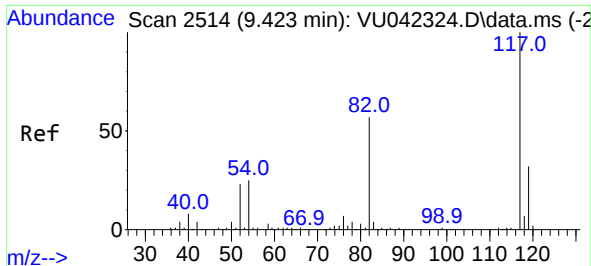
Tgt Ion: 92 Resp: 21143
Ion Ratio Lower Upper
92 100
91 176.1 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion: 95 Resp: 119039
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.2
176 84.5 0.0 168.8



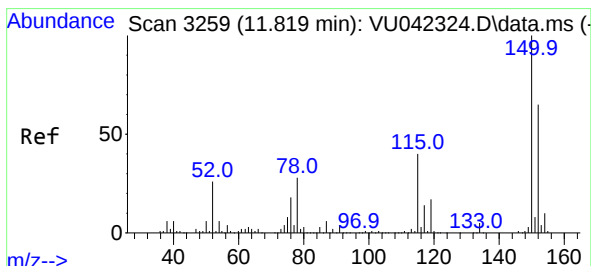
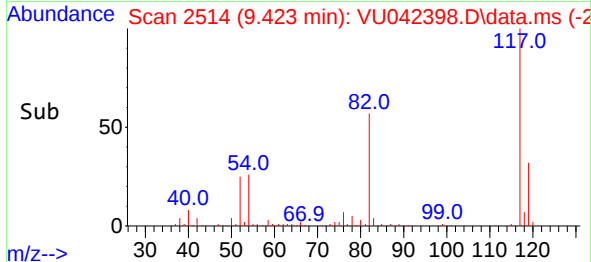
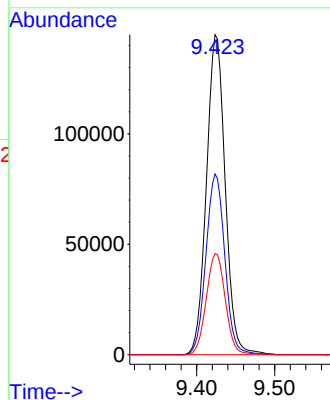
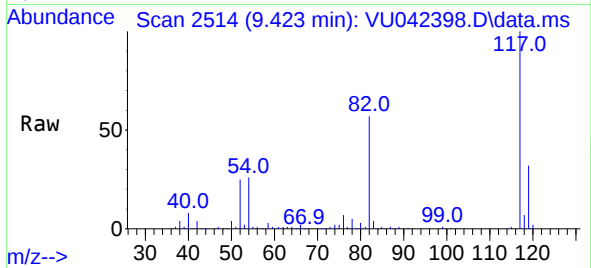


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042398.D
Acq: 22 Feb 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-85-100-021921

Tgt Ion:117 Resp: 242522

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.8	68.6
119	31.6	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: VU042398.D
Acq: 22 Feb 2021 16:27

Tgt Ion:152 Resp: 114102

Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.5	124.6
150	159.7	0.0	342.4

