

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042397.D
 Acq On : 22 Feb 2021 16:06
 Operator : SY/MD
 Sample : M1457-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GWBR1-70-85-021821

Quant Time: Feb 22 16:28:33 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)

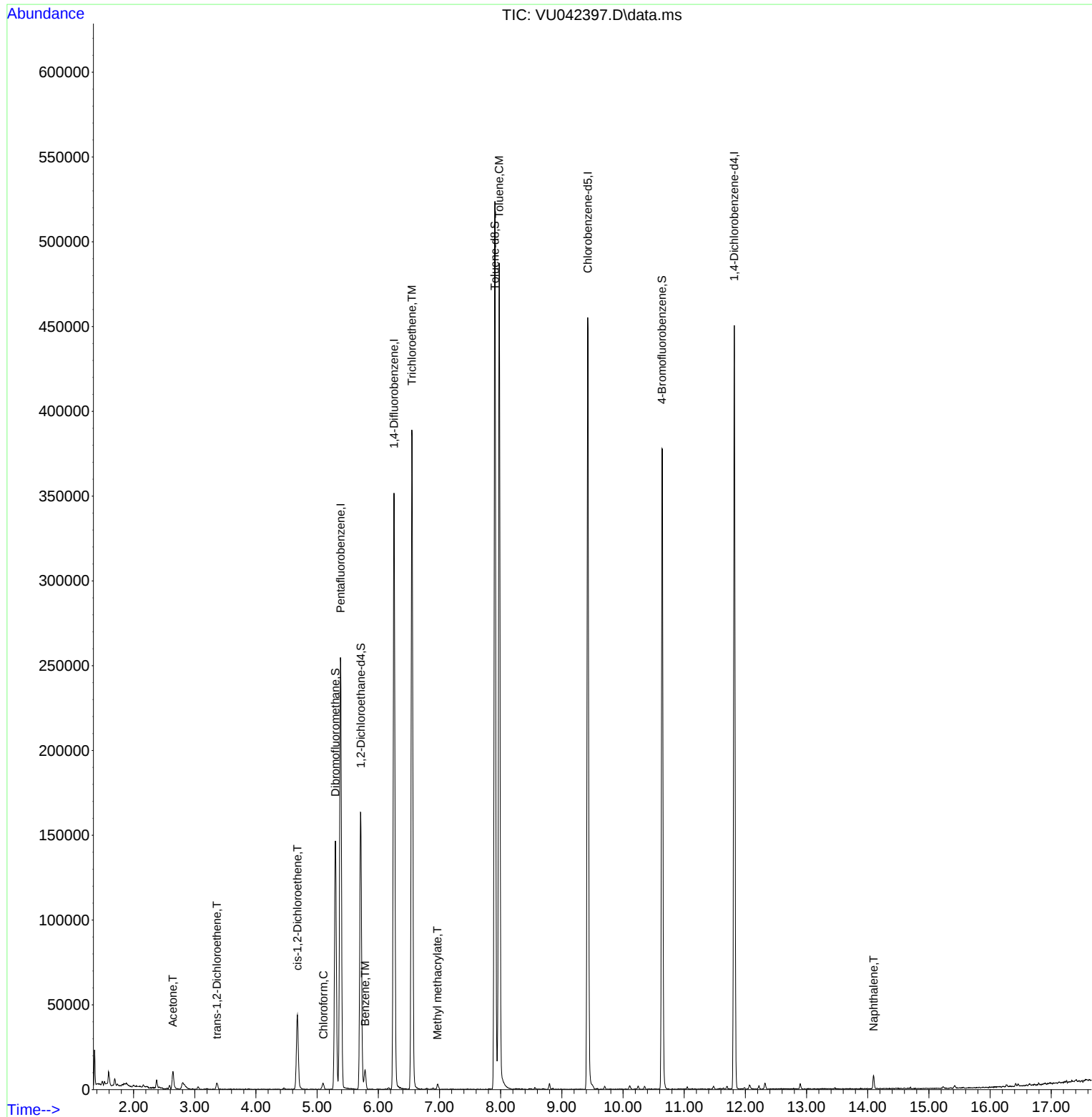
Internal Standards						
1) Pentafluorobenzene	5.382	168	180193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	270177	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	241277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	111940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	130346	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.298	113	91867	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	7.906	98	329805	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	10.639	95	118167	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
Target Compounds						
						Qvalue
16) Acetone	2.642	43	14231	8.40	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	1768	0.99	ug/l #	76
27) cis-1,2-Dichloroethene	4.677	96	20788	10.08	ug/l	91
30) Chloroform	5.102	83	3067	0.83	ug/l	91
40) Benzene	5.787	78	9135	1.22	ug/l	93
44) Trichloroethene	6.549	130	122576	61.29	ug/l	95
48) Methyl methacrylate	6.967	41	1731	0.57	ug/l #	85
52) Toluene	7.976	92	189497	40.91	ug/l	97
95) Naphthalene	14.095	128	6617	3.06	ug/l	96

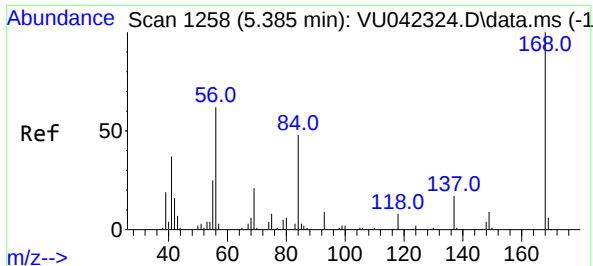
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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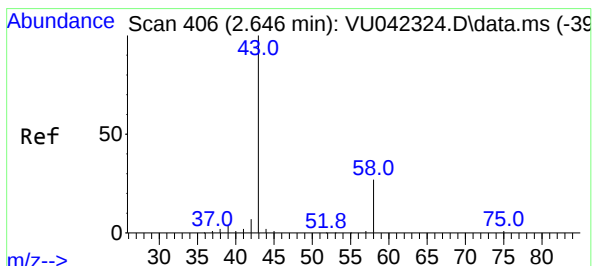
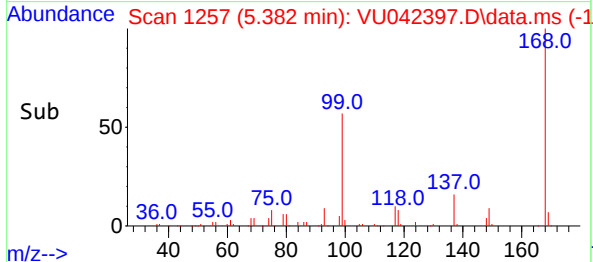
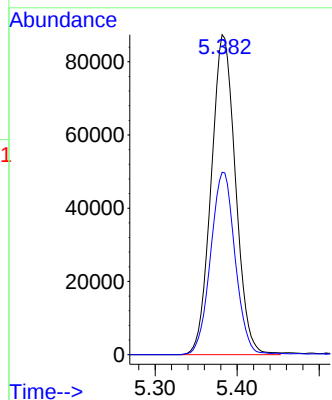
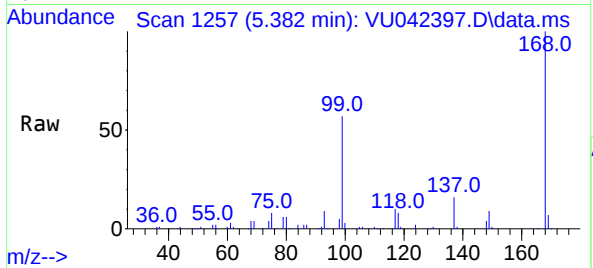




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

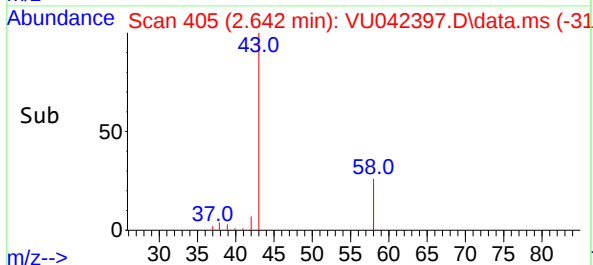
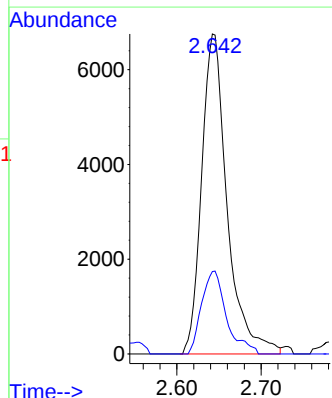
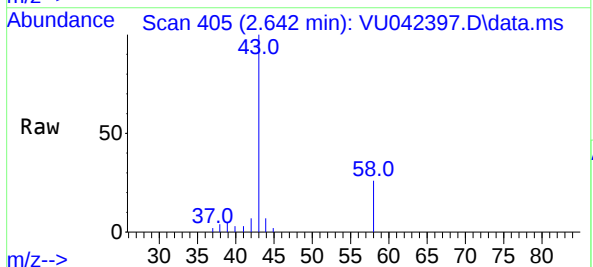
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821

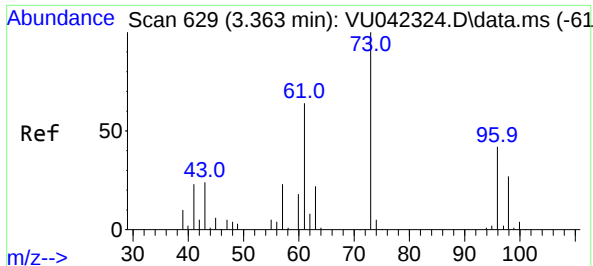
Tgt Ion:168 Resp: 180193
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#16
Acetone
Concen: 8.40 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 43 Resp: 14231
Ion Ratio Lower Upper
43 100
58 25.7 21.5 32.3

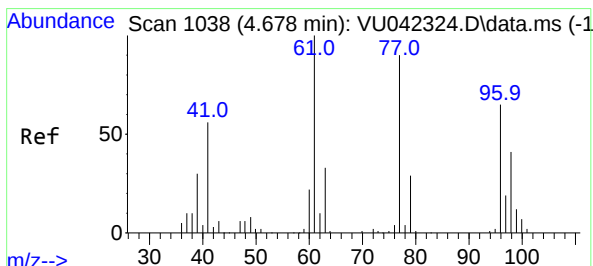
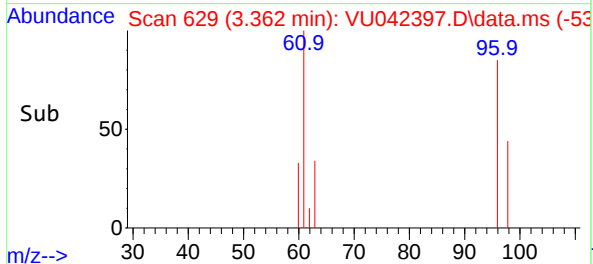
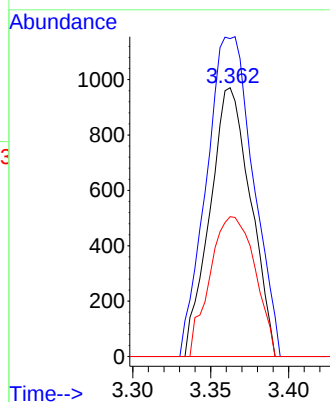
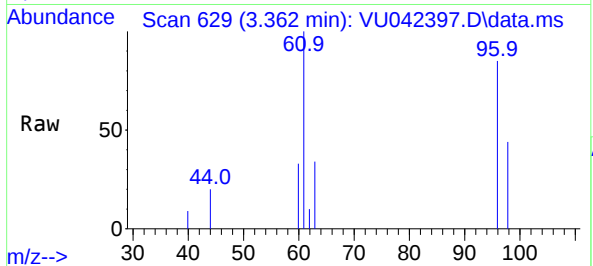




#21
trans-1,2-Dichloroethene
Concen: 0.99 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

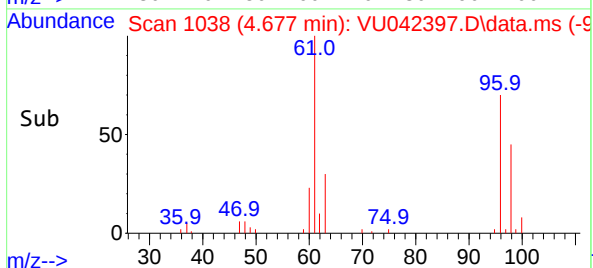
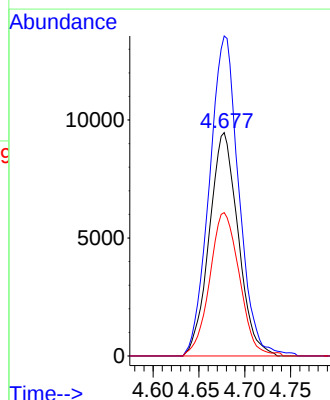
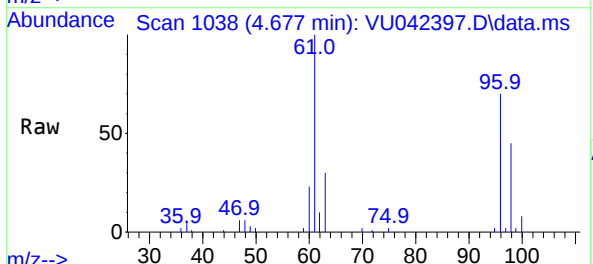
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821

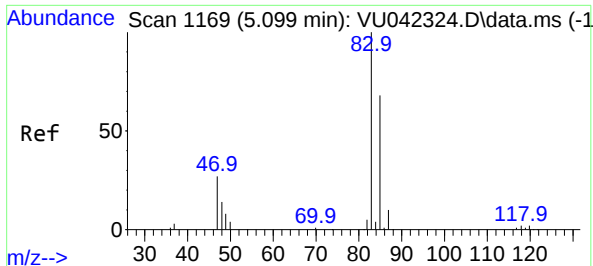
Tgt Ion: 96 Resp: 1768
Ion Ratio Lower Upper
96 100
61 118.2 122.4 183.6#
98 52.0 51.9 77.9



#27
cis-1,2-Dichloroethene
Concen: 10.08 ug/l
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 96 Resp: 20788
Ion Ratio Lower Upper
96 100
61 146.0 0.0 322.2
98 65.7 0.0 128.6



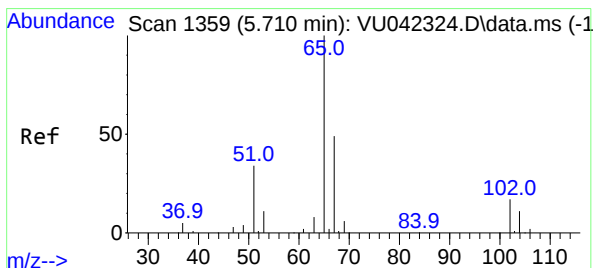
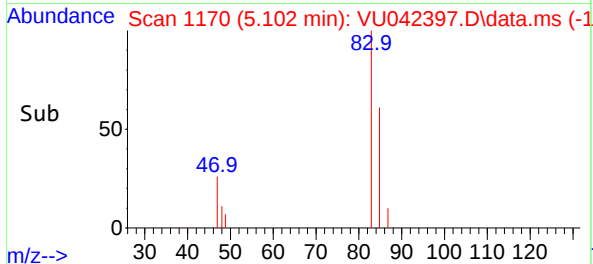
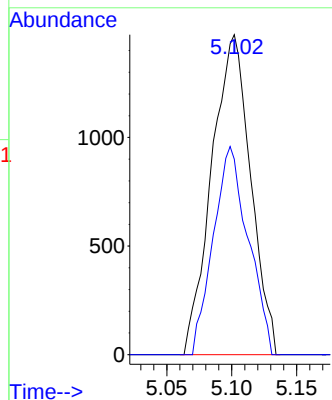
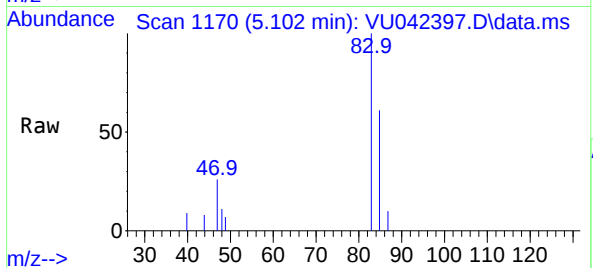


#30

Chloroform
Concen: 0.83 ug/l
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821

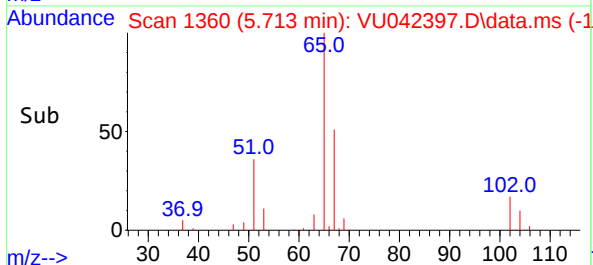
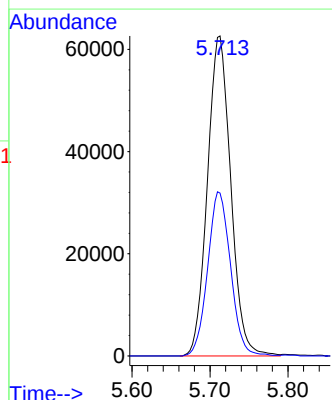
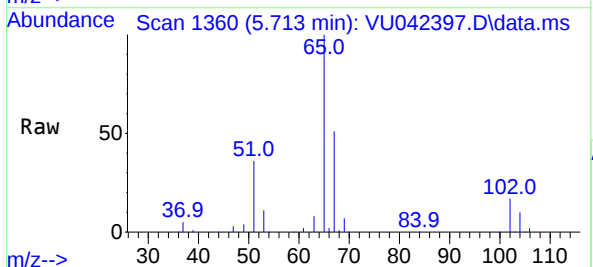
Tgt Ion: 83 Resp: 3067
Ion Ratio Lower Upper
83 100
85 61.1 54.6 81.8

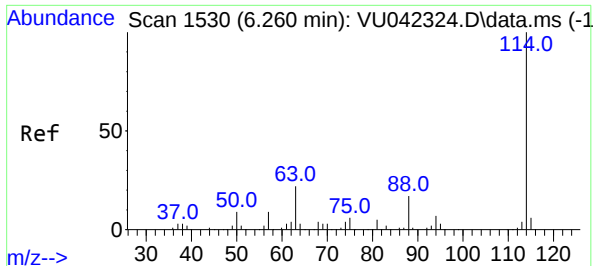


#33

1,2-Dichloroethane-d4
Concen: 47.70 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 65 Resp: 130346
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.8



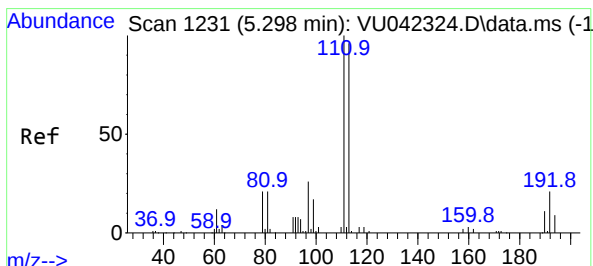
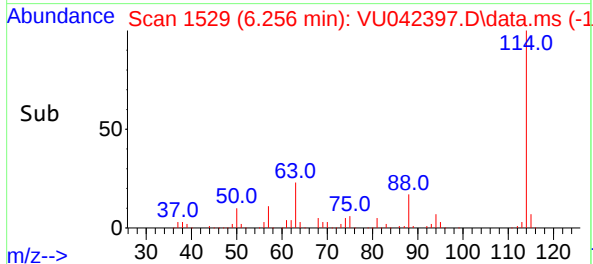
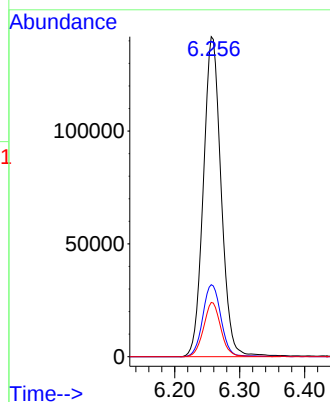
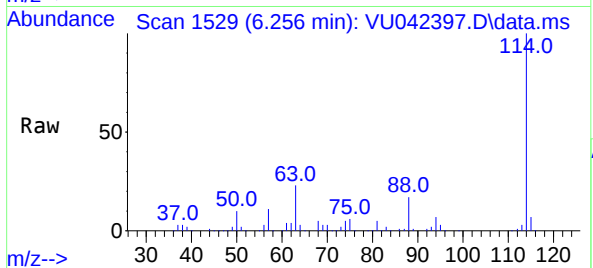


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821

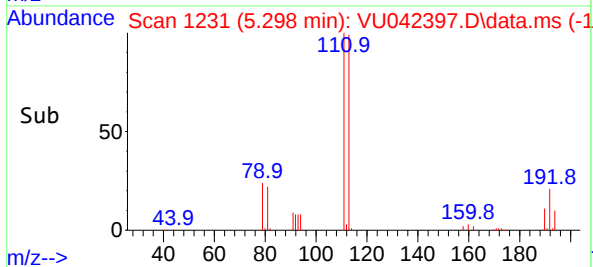
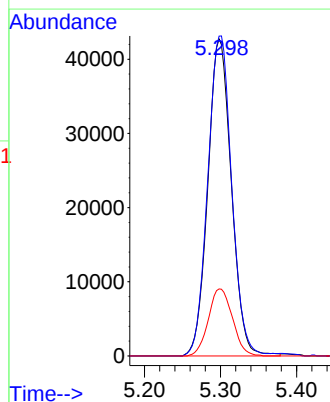
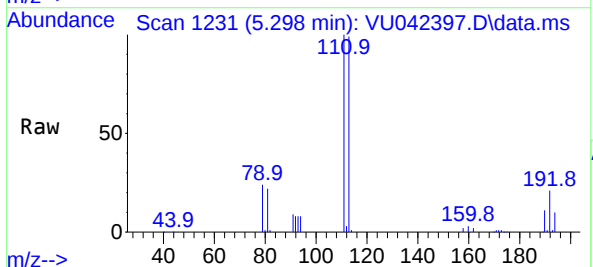
Tgt Ion:114 Resp: 270177
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.2
88 16.9 0.0 33.4

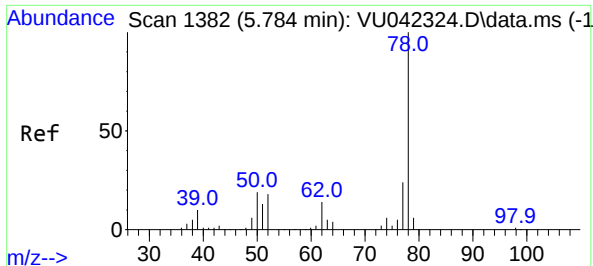


#35

Dibromofluoromethane
Concen: 48.17 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion:113 Resp: 91867
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 21.7 17.2 25.8

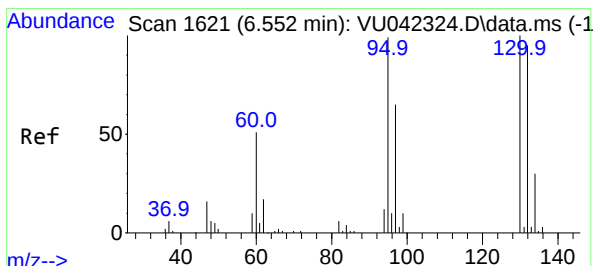
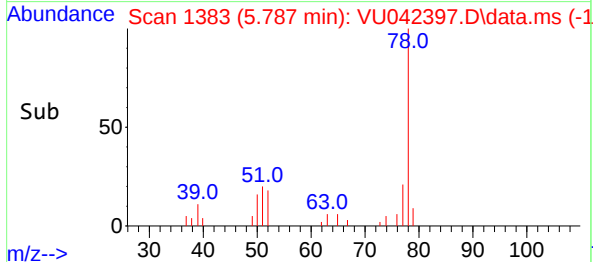
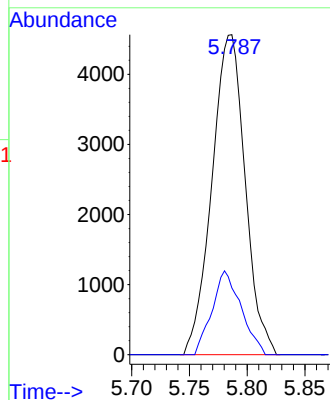
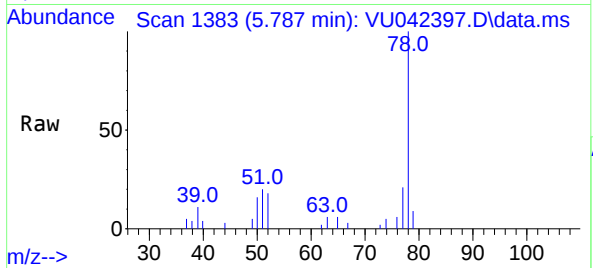




#40
Benzene
Concen: 1.22 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

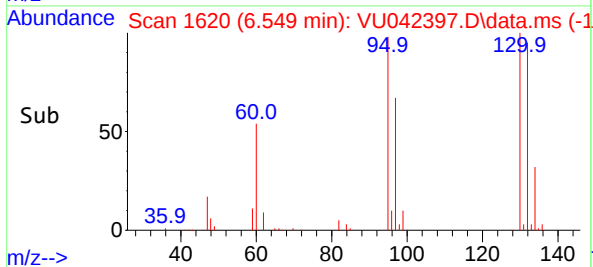
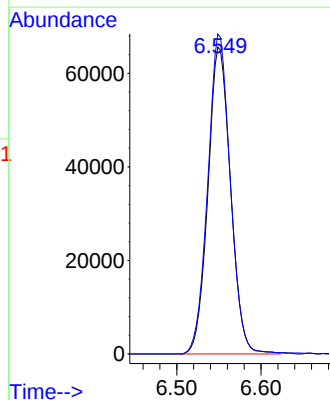
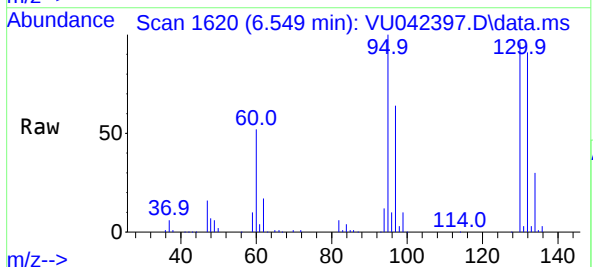
Instrument :
MSVOA_U
ClientSampleId :
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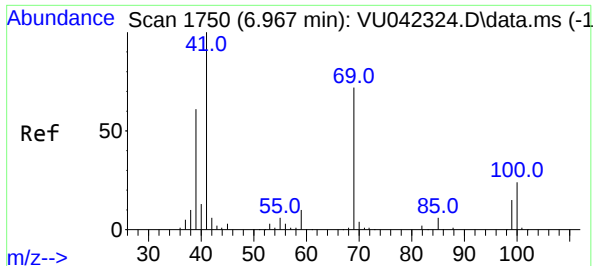
Tgt Ion: 78 Resp: 9135
Ion Ratio Lower Upper
78 100
77 20.9 19.3 28.9



#44
Trichloroethene
Concen: 61.29 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion:130 Resp: 122576
Ion Ratio Lower Upper
130 100
95 104.3 0.0 197.8





#48

Methyl methacrylate

Concen: 0.57 ug/l

RT: 6.967 min Scan# 1750

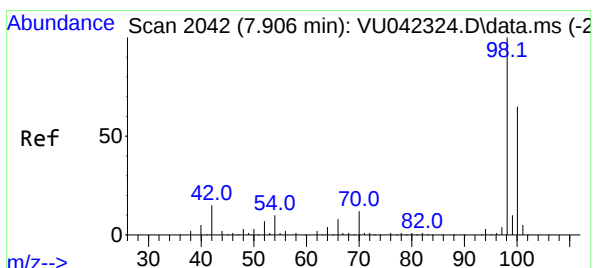
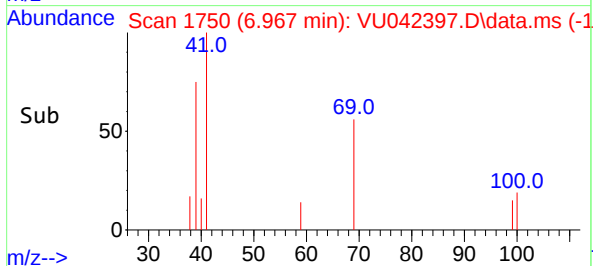
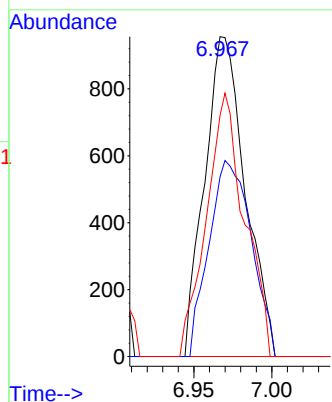
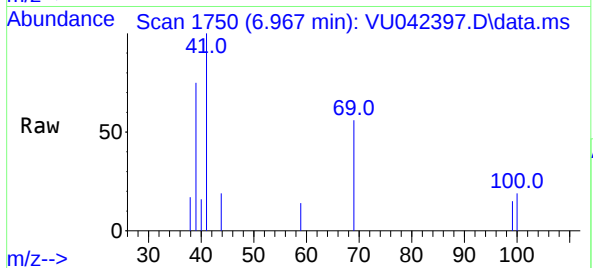
Delta R.T. -0.000 min

Lab File: VU042397.D

Acq: 22 Feb 2021 16:06

Tgt Ion:	41	Resp:	1731
Ion	Ratio	Lower	Upper
41	100		
69	64.2	57.0	85.6
39	77.4	48.4	72.6#

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821



#50

Toluene-d8

Concen: 48.29 ug/l

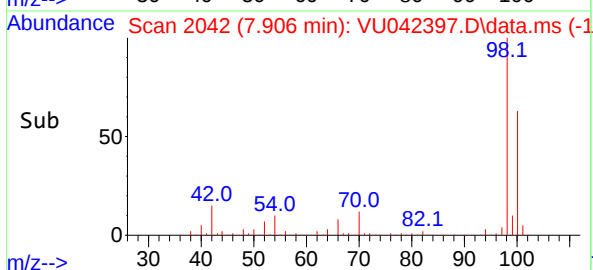
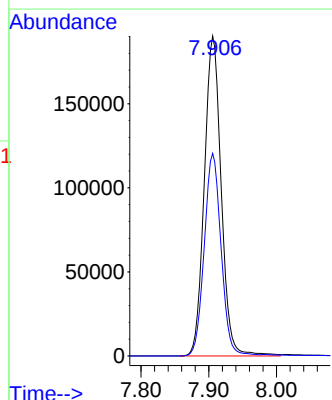
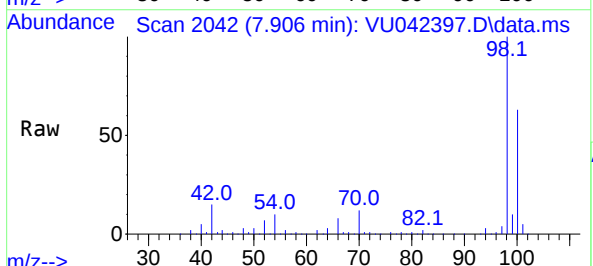
RT: 7.906 min Scan# 2042

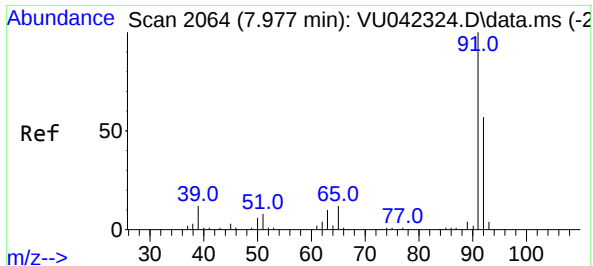
Delta R.T. -0.000 min

Lab File: VU042397.D

Acq: 22 Feb 2021 16:06

Tgt Ion:	98	Resp:	329805
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.2	75.2

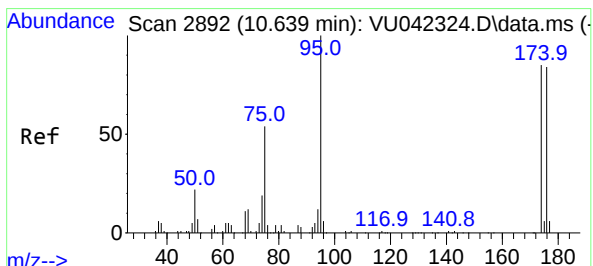
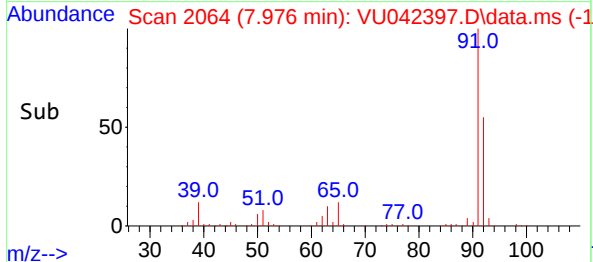
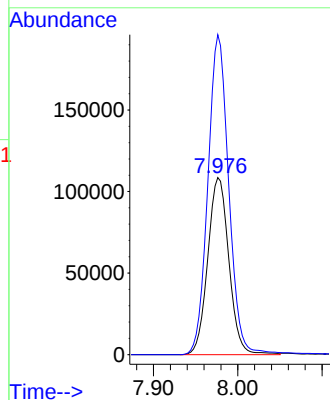
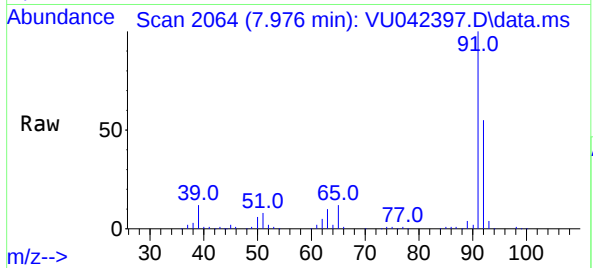




#52
Toluene
Concen: 40.91 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

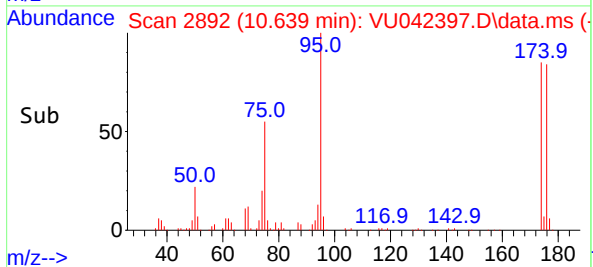
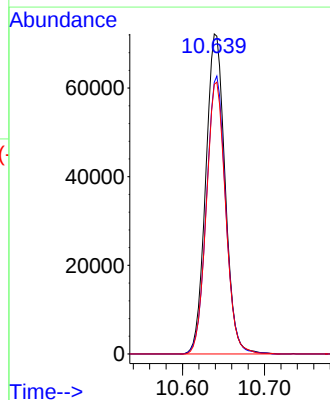
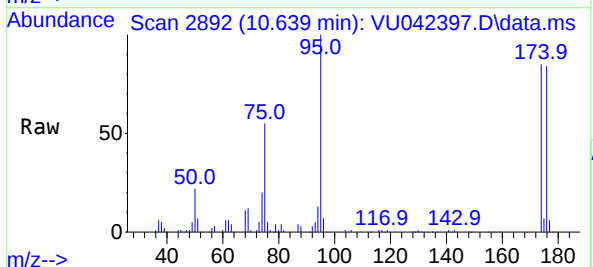
Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821

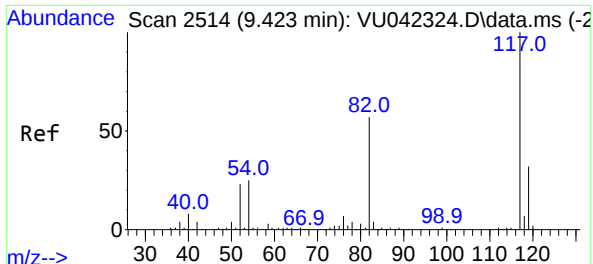
Tgt Ion: 92 Resp: 189497
Ion Ratio Lower Upper
92 100
91 179.4 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 43.90 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion: 95 Resp: 118167
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 84.4 0.0 168.8



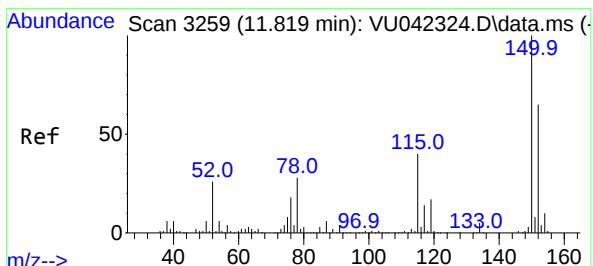
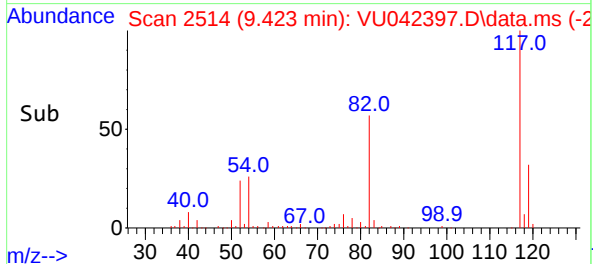
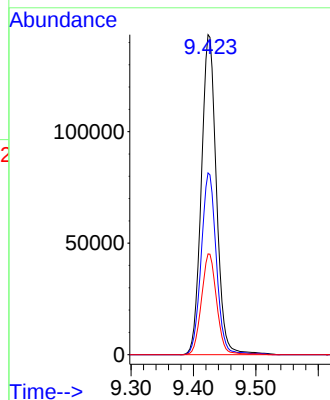
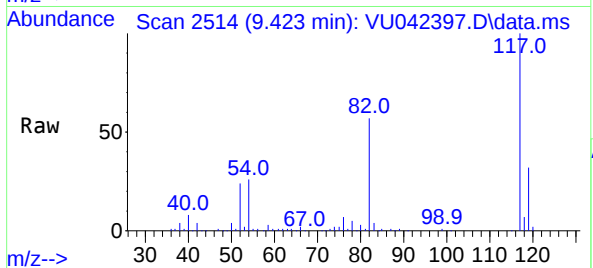


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821

Tgt Ion:117 Resp: 241277

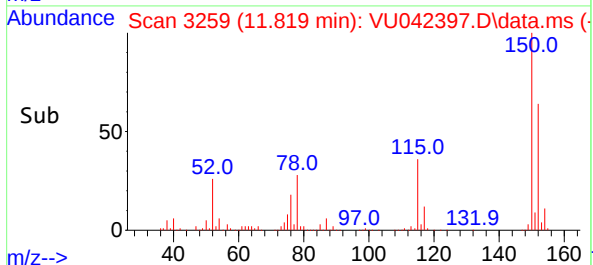
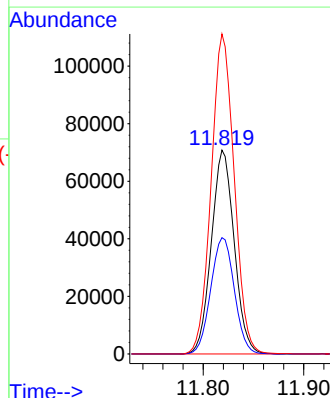
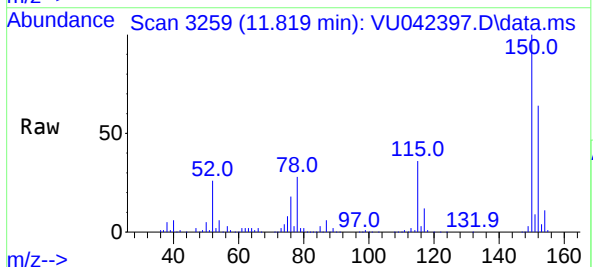
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.8	68.6
119	31.5	25.8	38.8

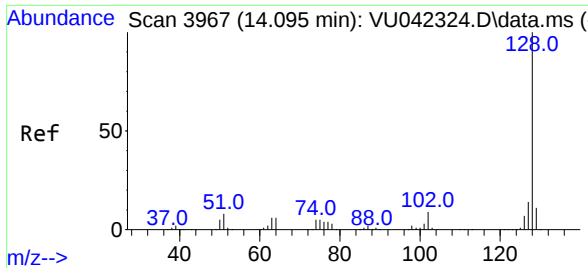


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Tgt Ion:152 Resp: 111940

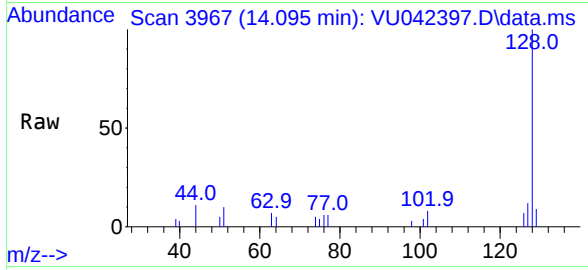
Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.5	124.6
150	158.1	0.0	342.4





#95
Naphthalene
Concen: 3.06 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042397.D
Acq: 22 Feb 2021 16:06

Instrument :
MSVOA_U
ClientSampleId :
GWBR1-70-85-021821



Tgt Ion:128 Resp: 6617

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.8	16.2
129	9.3	8.6	13.0

