

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042389.D
 Acq On : 22 Feb 2021 13:08
 Operator : SY/MD
 Sample : M1442-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VCP-BS-2-GW

Quant Time: Feb 22 13:51:01 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)

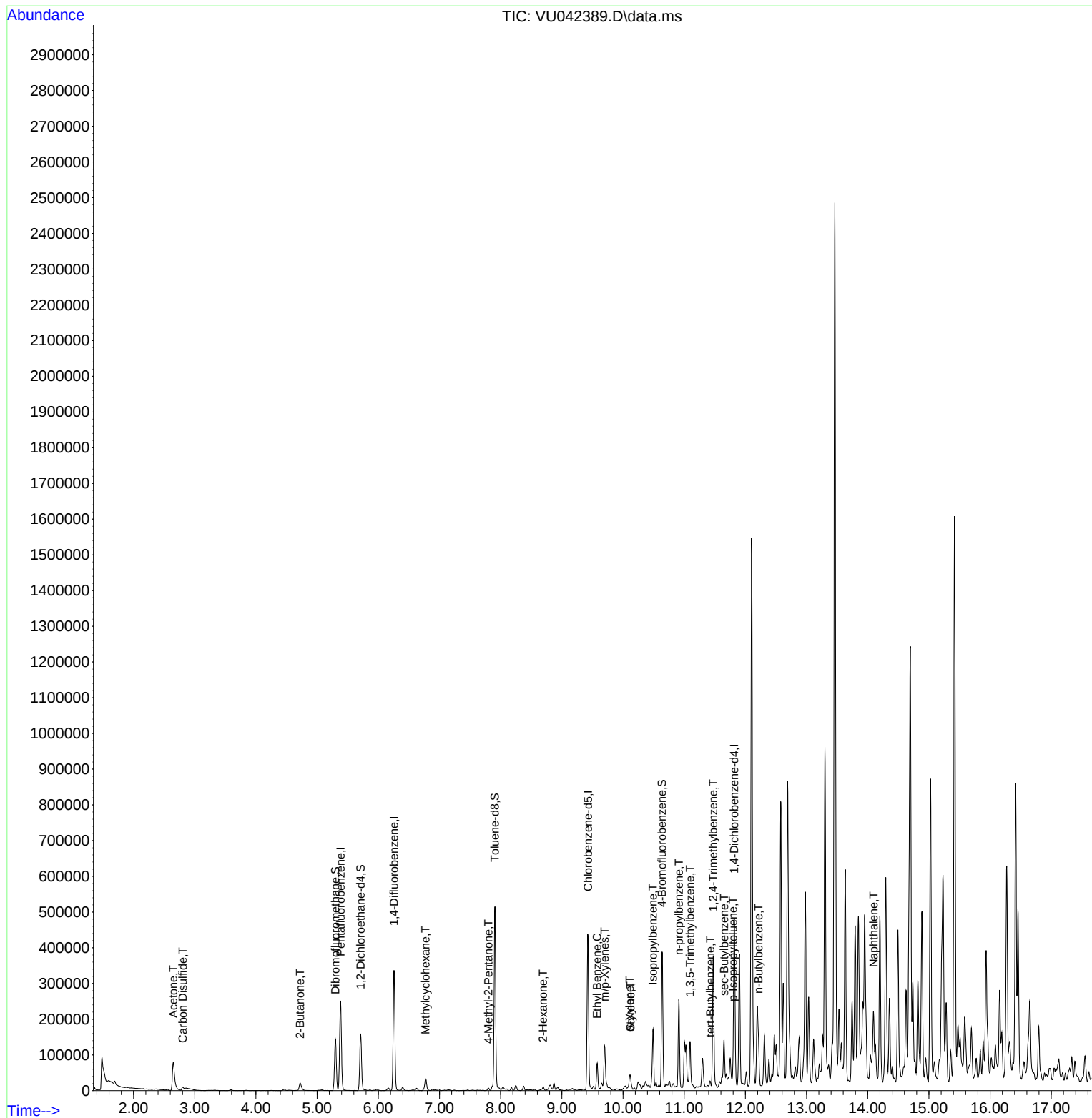
Internal Standards						
1) Pentafluorobenzene	5.382	168	176293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	261507	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	231643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	116571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	123791	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
35) Dibromofluoromethane	5.298	113	88582	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	7.906	98	321441	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	10.639	95	120365	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds					Qvalue	
16) Acetone	2.649	43	137828	83.11	ug/l	99
17) Carbon Disulfide	2.803	76	7862	1.61	ug/l	99
25) 2-Butanone	4.723	43	37744	17.12	ug/l	100
39) Methylcyclohexane	6.771	83	8435	2.82	ug/l	94
51) 4-Methyl-2-Pentanone	7.800	43	5124	1.28	ug/l	100
59) 2-Hexanone	8.693	43	6932	2.17	ug/l	98
67) Ethyl Benzene	9.578	91	43790	5.24	ug/l	98
68) m/p-Xylenes	9.700	106	32244	10.44	ug/l	99
69) o-Xylene	10.108	106	7206	2.38	ug/l	96
70) Styrene	10.121	104	9725	1.93	ug/l	99
73) Isopropylbenzene	10.491	105	98519	12.67	ug/l	97
78) n-propylbenzene	10.912	91	187349	20.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	63826	9.56	ug/l	100
83) tert-Butylbenzene	11.426	119	2715	0.42	ug/l	82
84) 1,2,4-Trimethylbenzene	11.475	105	186440	27.89	ug/l	98
85) sec-Butylbenzene	11.652	105	79894	10.49	ug/l	99
86) p-Isopropyltoluene	11.799	119	15274	2.17	ug/l	99
89) n-Butylbenzene	12.214	91	70919	11.48	ug/l #	71
95) Naphthalene	14.095	128	157797	21.52	ug/l #	94

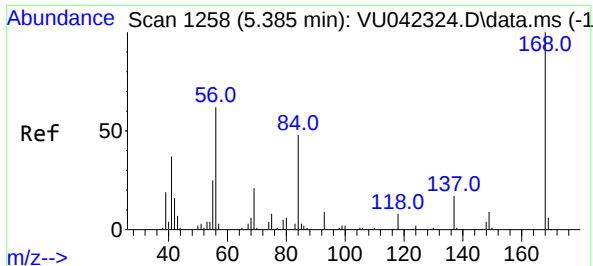
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

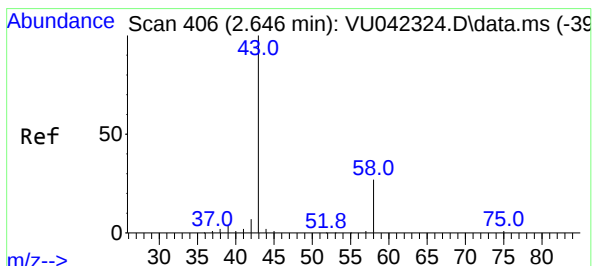
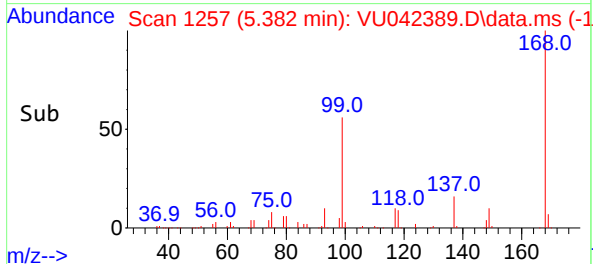
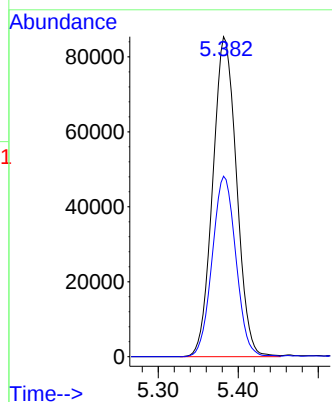
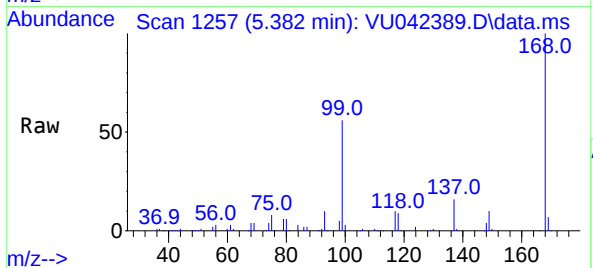




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

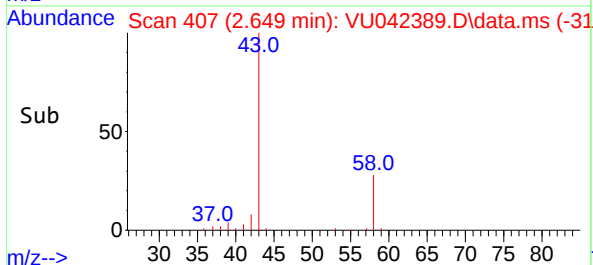
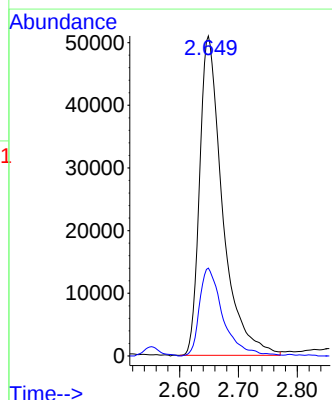
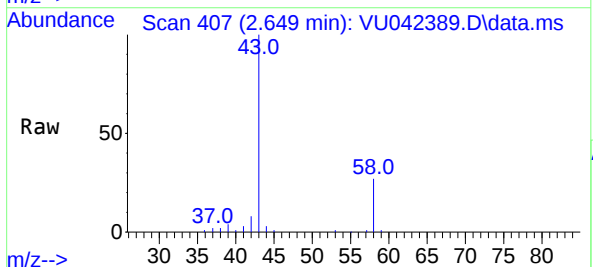
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

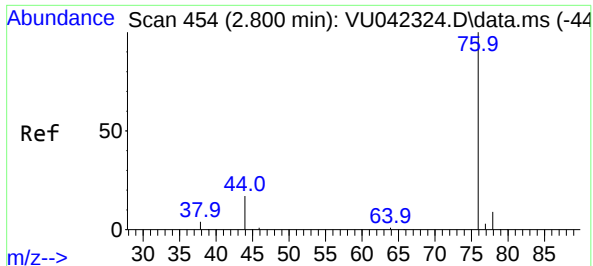
Tgt Ion:168 Resp: 176293
Ion Ratio Lower Upper
168 100
99 56.4 45.0 67.4



#16
Acetone
Concen: 83.11 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 43 Resp: 137828
Ion Ratio Lower Upper
43 100
58 27.5 21.5 32.3

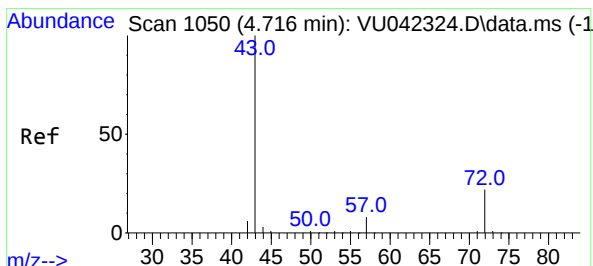
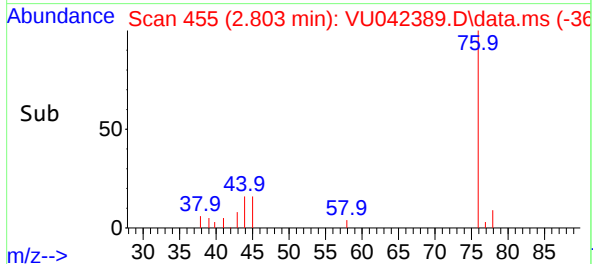
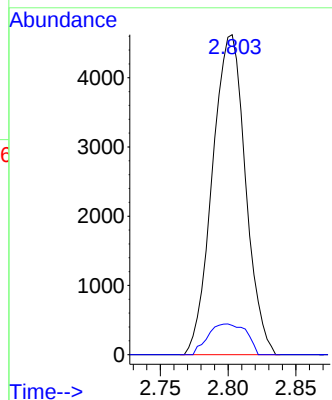
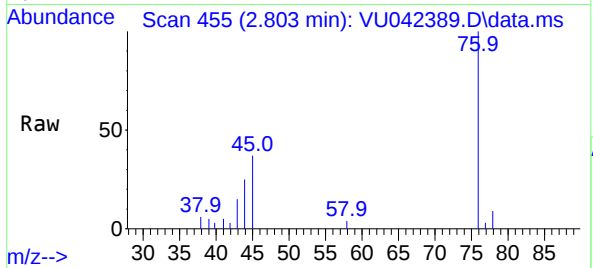




#17
Carbon Disulfide
Concen: 1.61 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

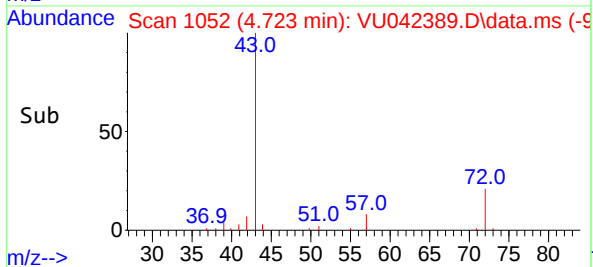
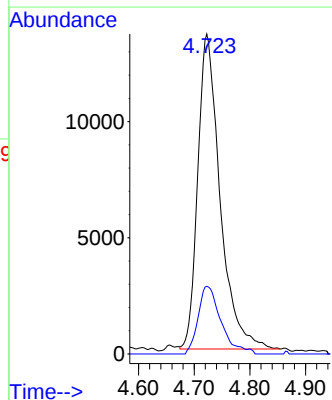
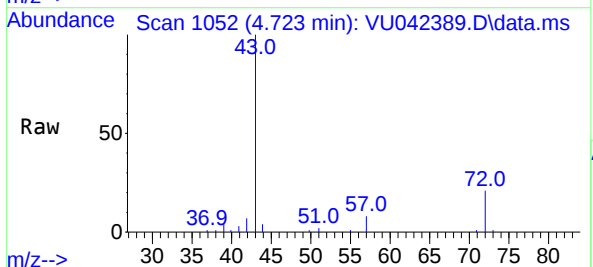
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

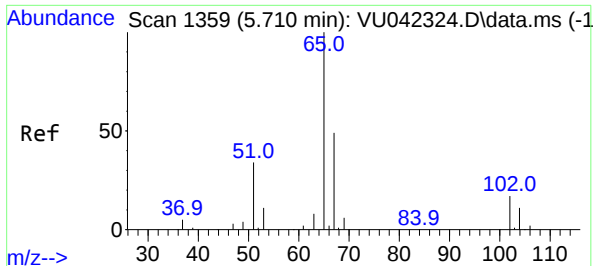
Tgt Ion: 76 Resp: 7862
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#25
2-Butanone
Concen: 17.12 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 43 Resp: 37744
Ion Ratio Lower Upper
43 100
72 21.5 17.4 26.0

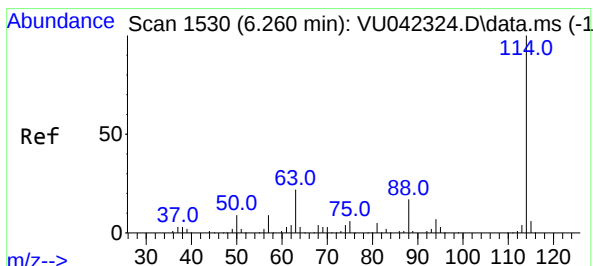
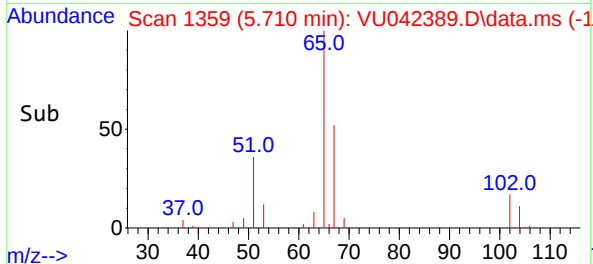
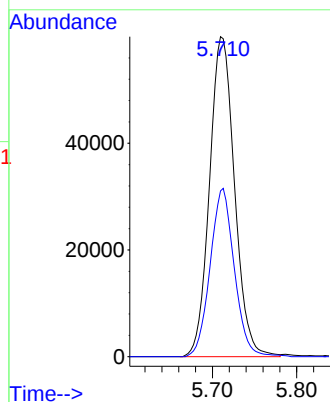
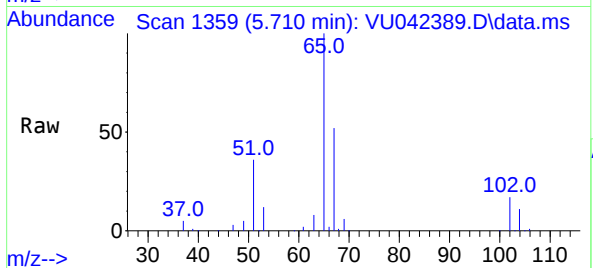




#33
1,2-Dichloroethane-d4
Concen: 46.30 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

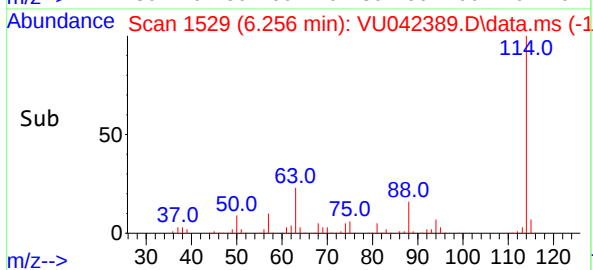
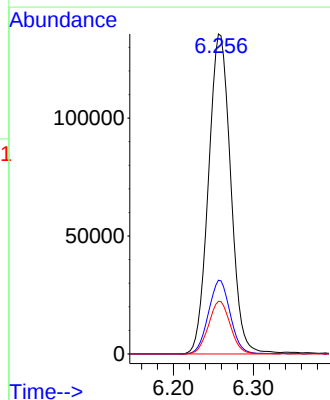
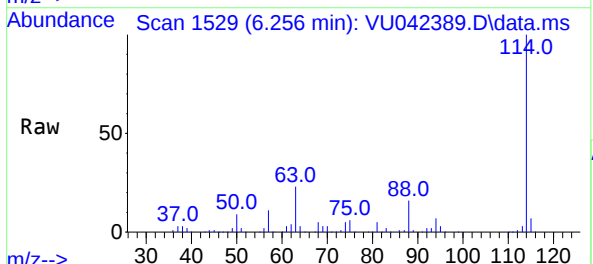
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

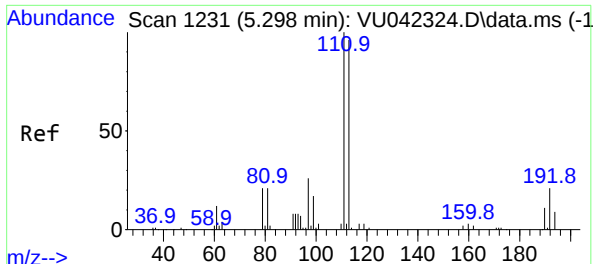
Tgt Ion: 65 Resp: 123791
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 114 Resp: 261507
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.2
88 16.5 0.0 33.4

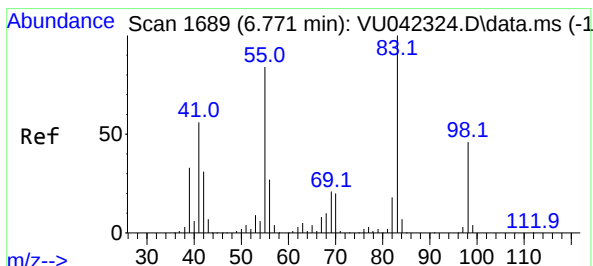
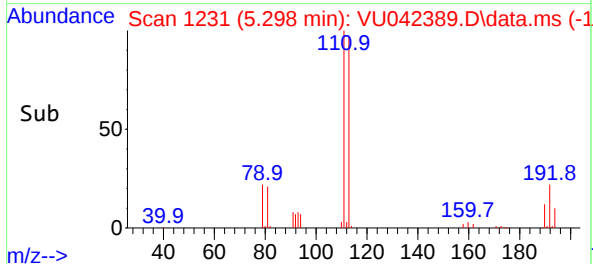
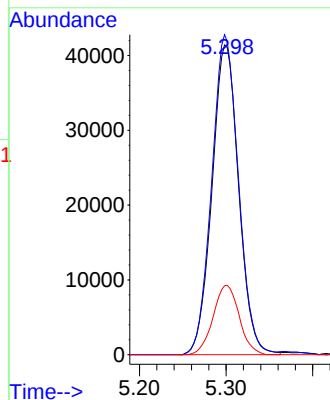
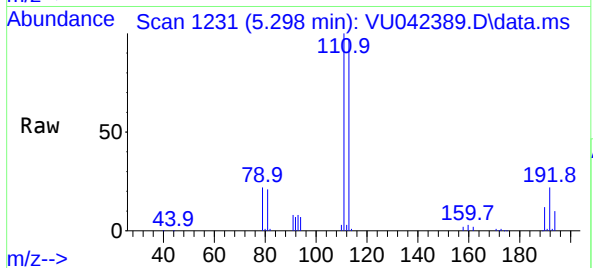




#35
Dibromofluoromethane
Concen: 47.99 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

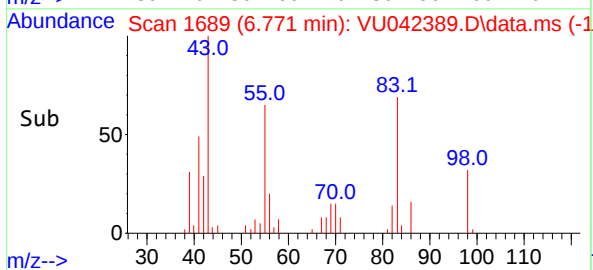
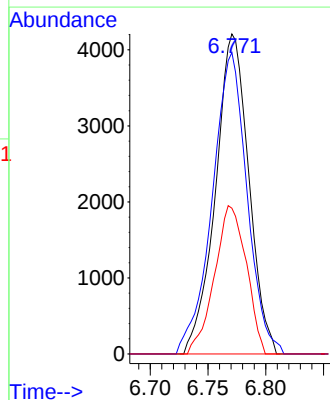
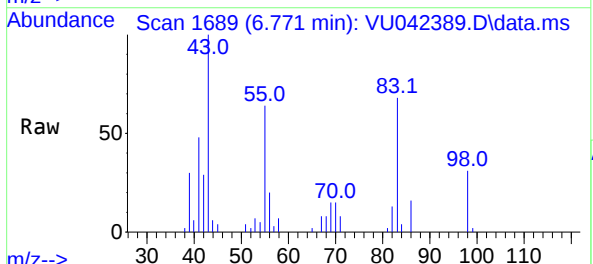
Instrument :
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ClientSampleId :
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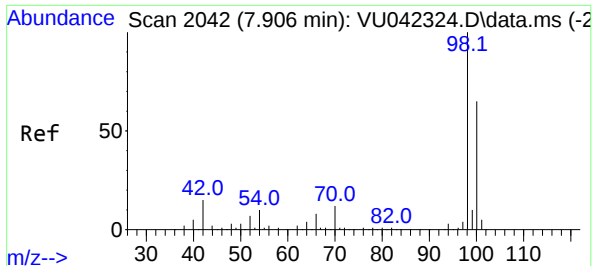
Tgt Ion:	113	Resp:	88582
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	21.9	17.2	25.8



#39
Methylcyclohexane
Concen: 2.82 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion:	83	Resp:	8435
Ion	Ratio	Lower	Upper
83	100		
55	91.6	66.8	100.2
98	45.6	36.9	55.3

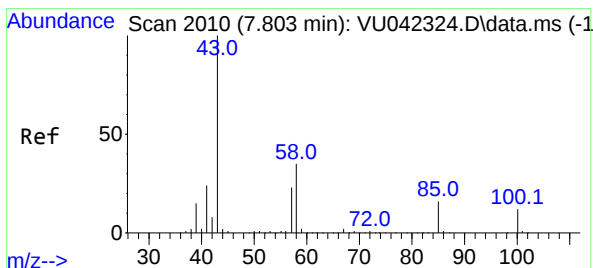
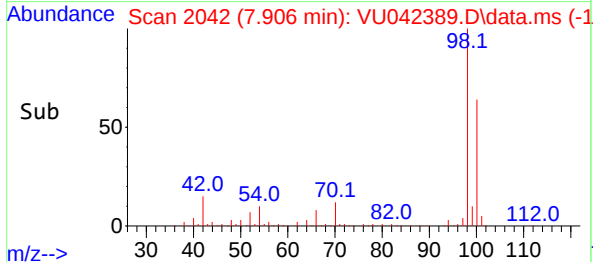
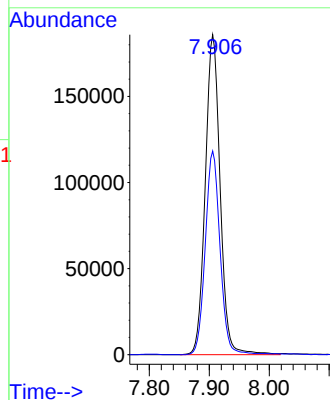
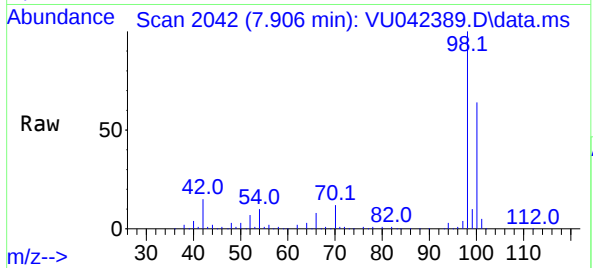




#50
Toluene-d8
Concen: 48.62 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

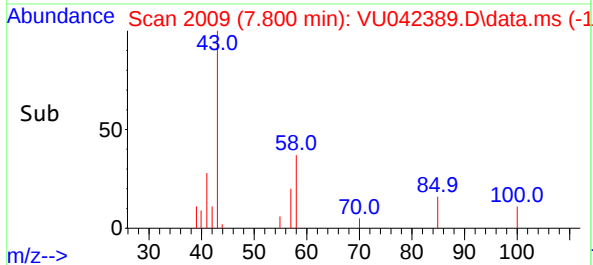
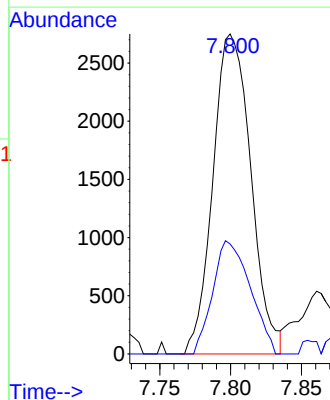
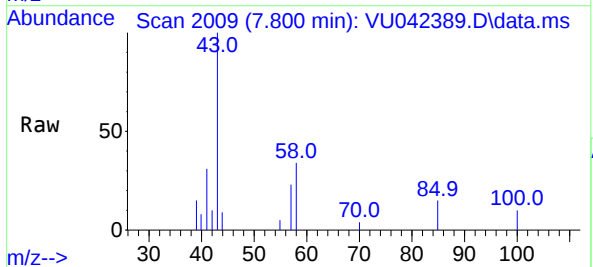
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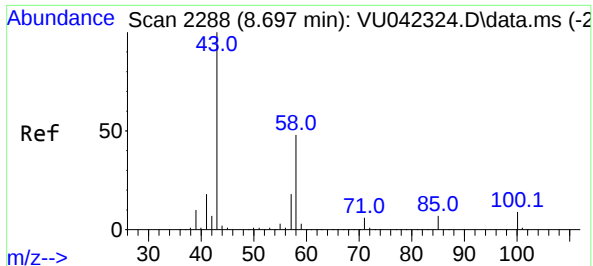
Tgt Ion: 98 Resp: 321441
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.28 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 43 Resp: 5124
Ion Ratio Lower Upper
43 100
58 34.9 28.1 42.1

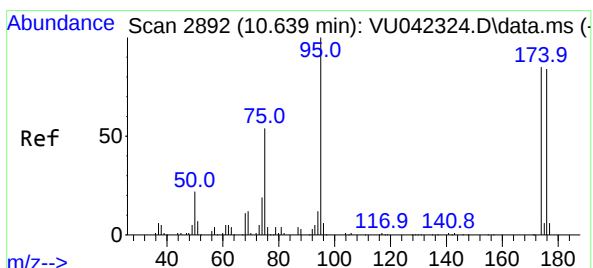
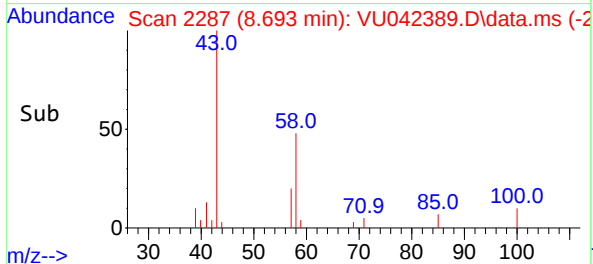
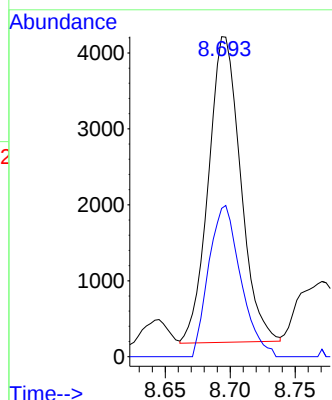
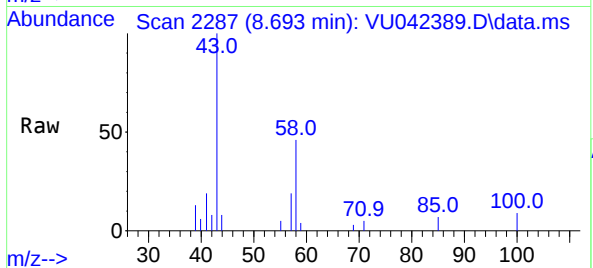




#59
2-Hexanone
Concen: 2.17 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

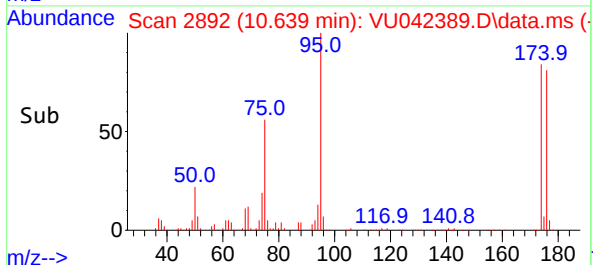
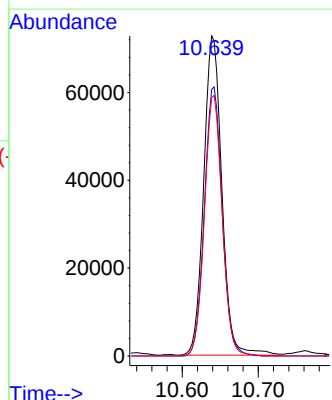
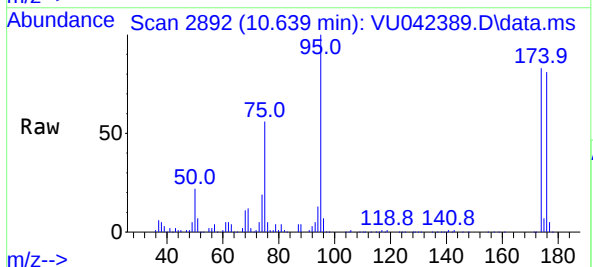
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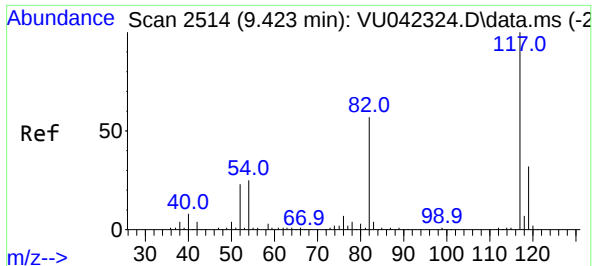
Tgt Ion: 43 Resp: 6932
Ion Ratio Lower Upper
43 100
58 49.1 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 46.20 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 95 Resp: 120365
Ion Ratio Lower Upper
95 100
174 82.7 0.0 172.2
176 80.0 0.0 168.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.427 min Scan# 2515

Delta R.T. 0.003 min

Lab File: VU042389.D

Acq: 22 Feb 2021 13:08

Tgt Ion:117 Resp: 231643

Ion Ratio Lower Upper

117 100

82 56.0 45.8 68.6

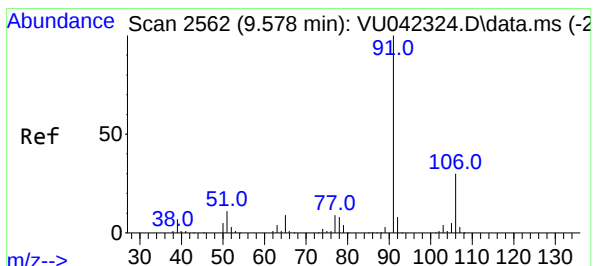
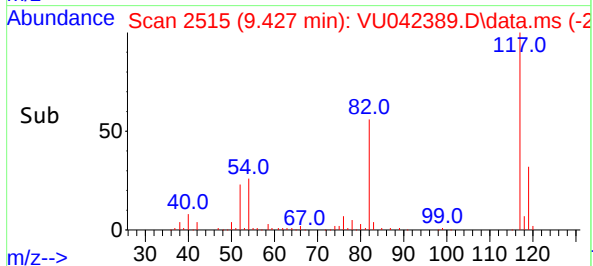
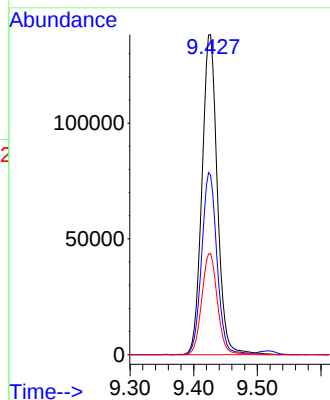
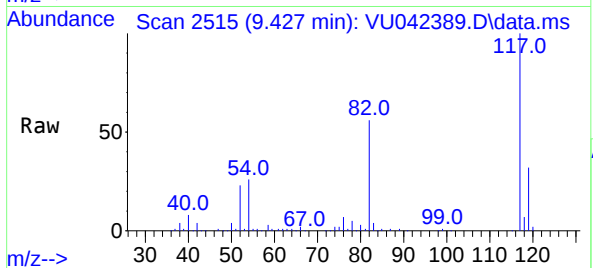
119 31.6 25.8 38.8

Instrument :

MSVOA_U

ClientSampleId :

VCP-BS-2-GW



#67

Ethyl Benzene

Concen: 5.24 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU042389.D

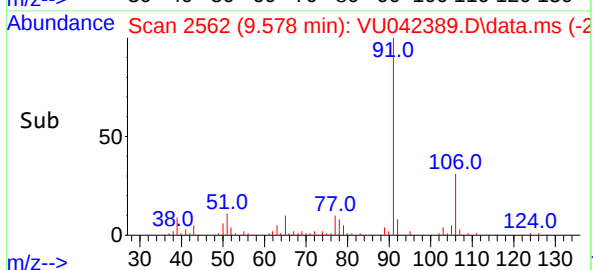
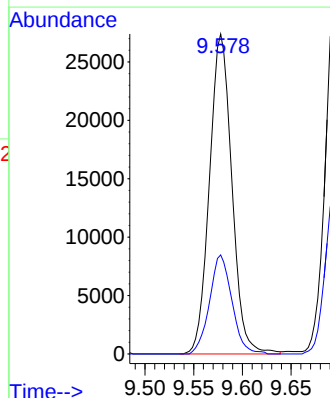
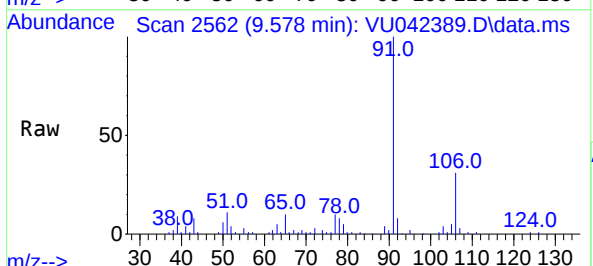
Acq: 22 Feb 2021 13:08

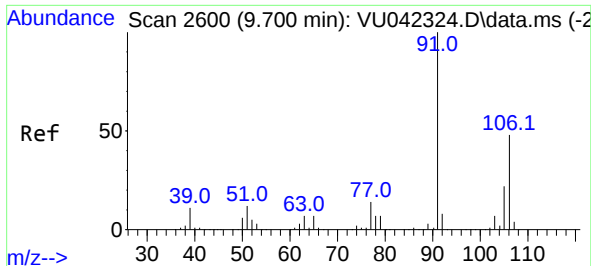
Tgt Ion: 91 Resp: 43790

Ion Ratio Lower Upper

91 100

106 30.9 24.1 36.1

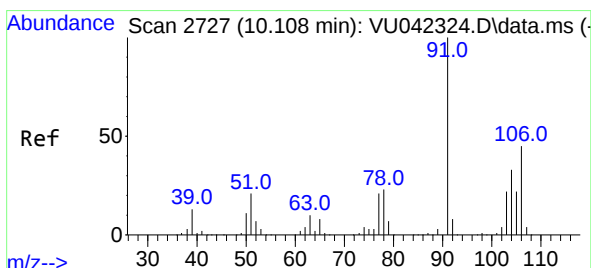
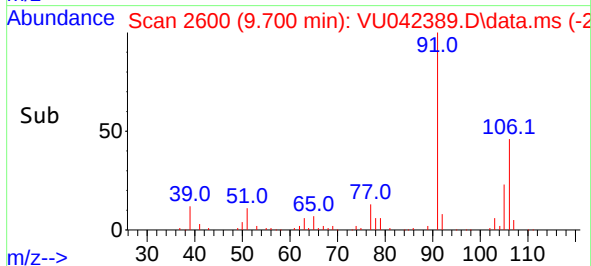
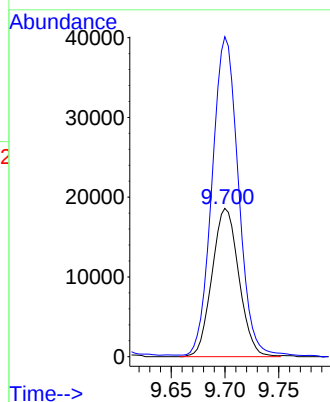
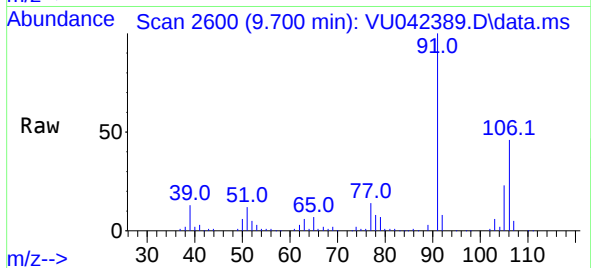




#68
m/p-Xylenes
Concen: 10.44 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

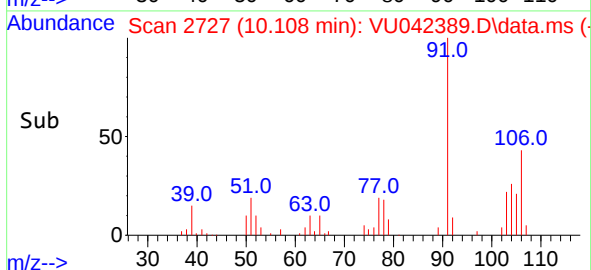
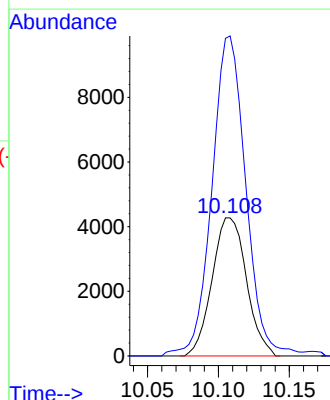
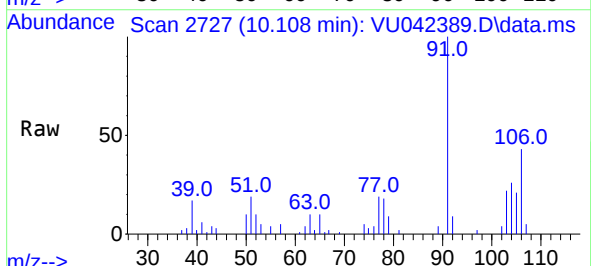
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

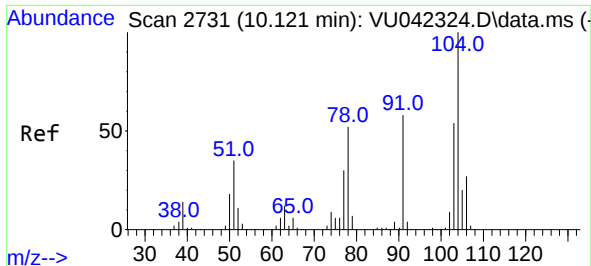
Tgt Ion:106 Resp: 32244
Ion Ratio Lower Upper
106 100
91 210.3 169.9 254.9



#69
o-Xylene
Concen: 2.38 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion:106 Resp: 7206
Ion Ratio Lower Upper
106 100
91 228.2 111.2 333.6

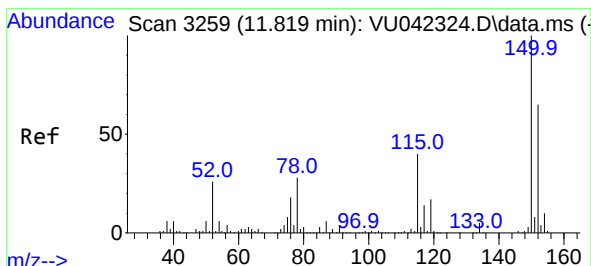
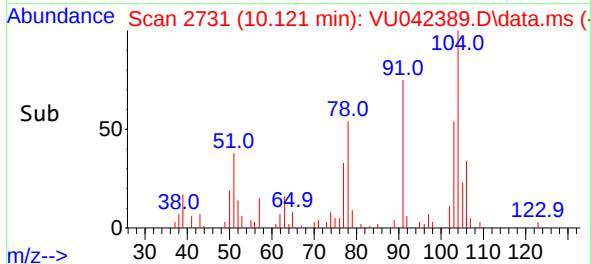
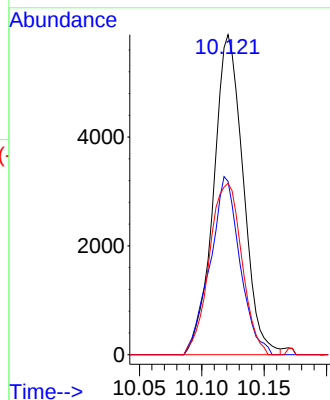
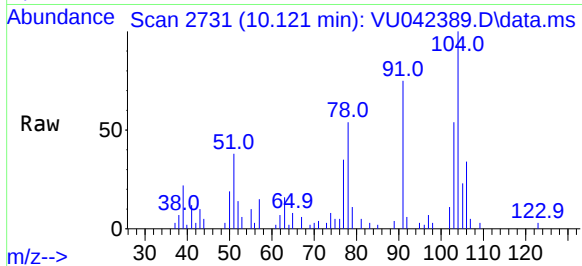




#70
Styrene
Concen: 1.93 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

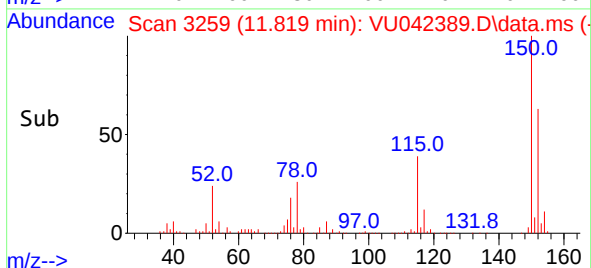
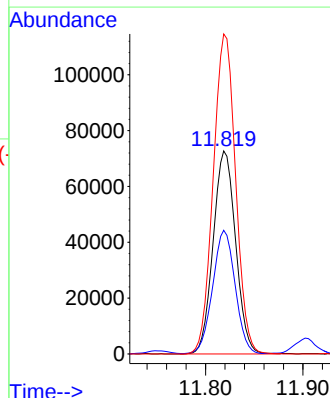
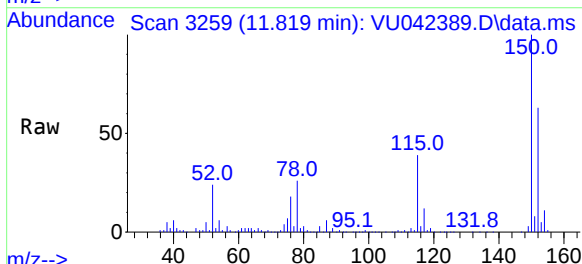
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

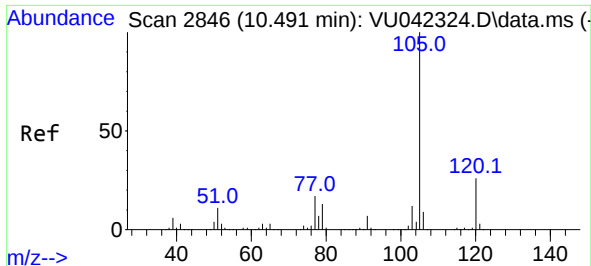
Tgt Ion:	104	Resp:	9725
Ion Ratio	Lower	Upper	
104	100		
78	56.3	44.8	67.2
103	58.8	45.7	68.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion:	152	Resp:	116571
Ion Ratio	Lower	Upper	
152	100		
115	60.6	41.5	124.6
150	156.8	0.0	342.4

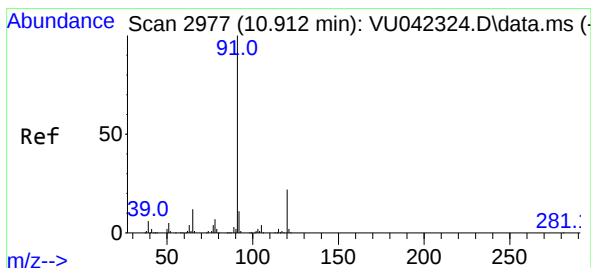
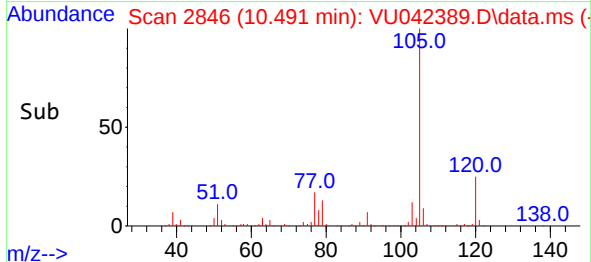
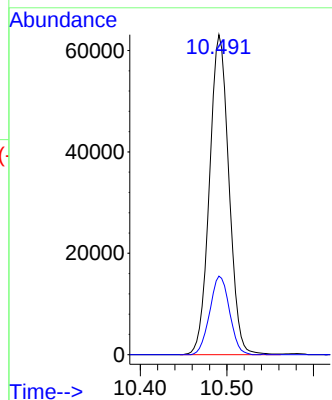
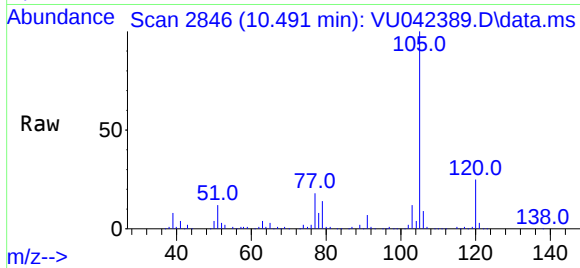




#73
Isopropylbenzene
Concen: 12.67 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

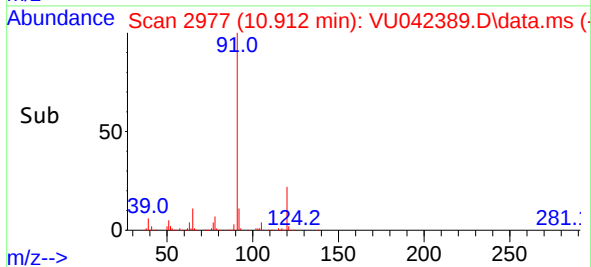
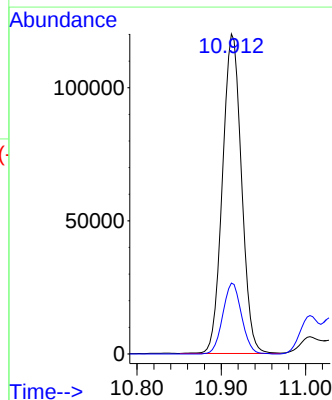
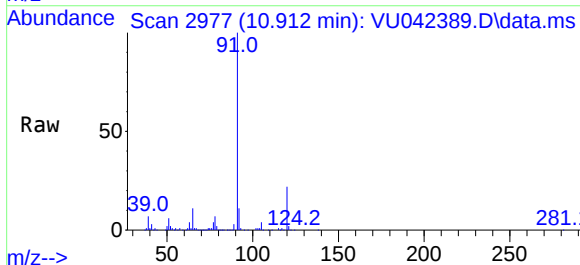
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

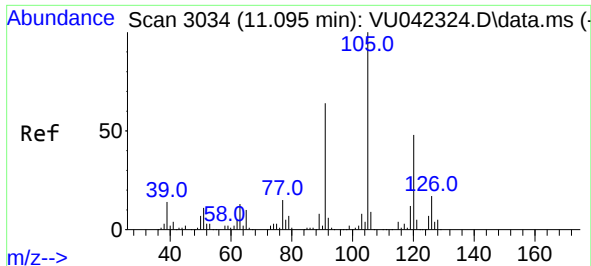
Tgt Ion:105 Resp: 98519
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.3



#78
n-propylbenzene
Concen: 20.82 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 91 Resp: 187349
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6

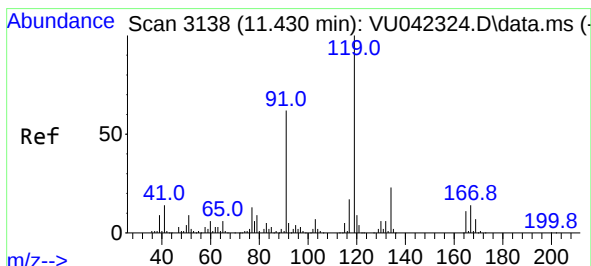
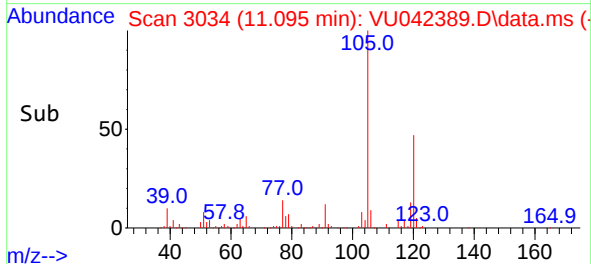
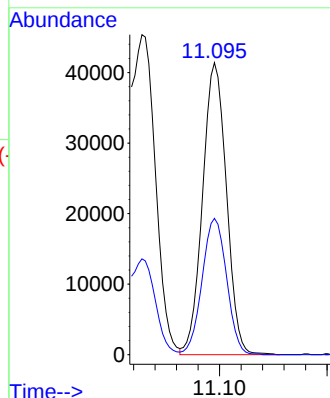
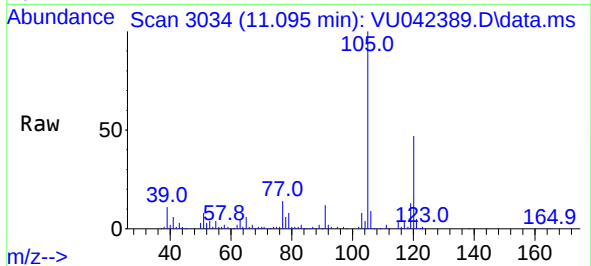




#80
1,3,5-Trimethylbenzene
Concen: 9.56 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

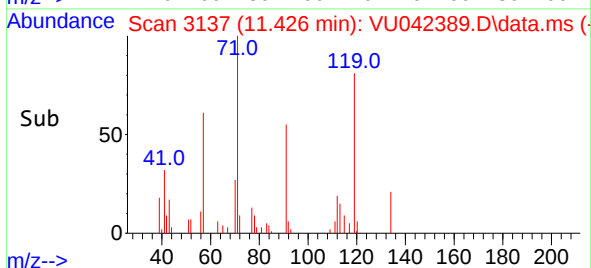
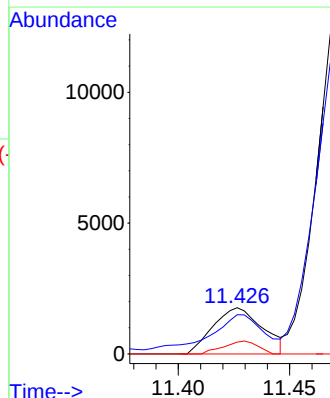
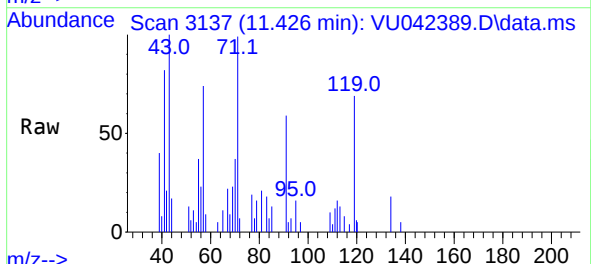
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

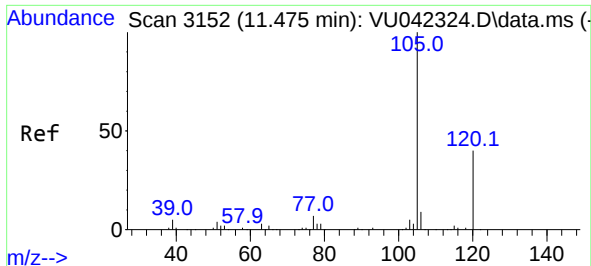
Tgt Ion:105 Resp: 63826
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.4



#83
tert-Butylbenzene
Concen: 0.42 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion:119 Resp: 2715
Ion Ratio Lower Upper
119 100
91 77.1 30.3 90.9
134 19.5 11.4 34.1

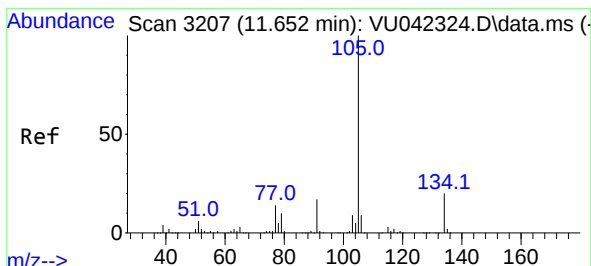
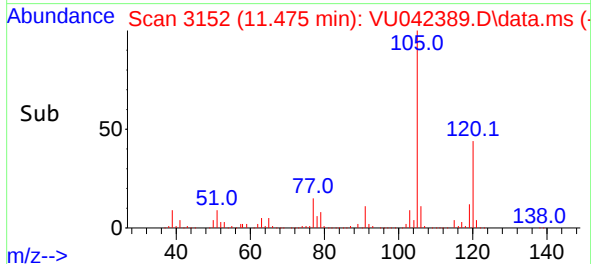
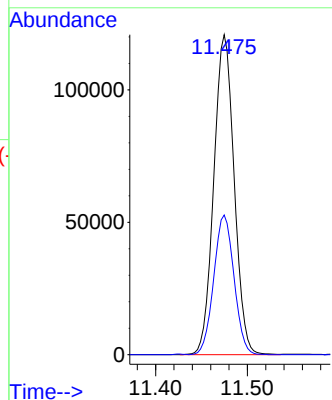
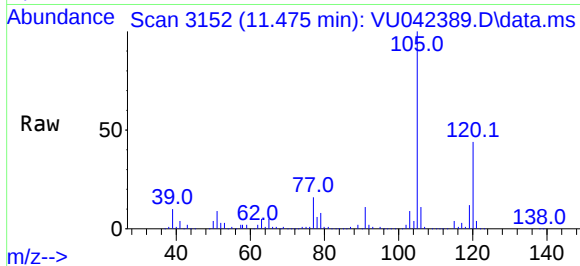




#84
1,2,4-Trimethylbenzene
Concen: 27.89 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

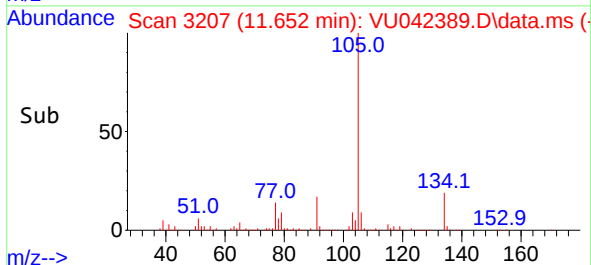
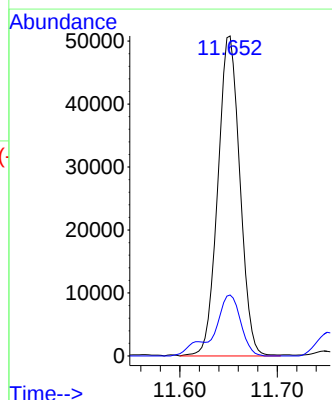
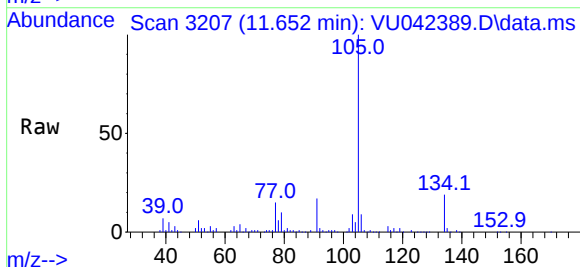
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

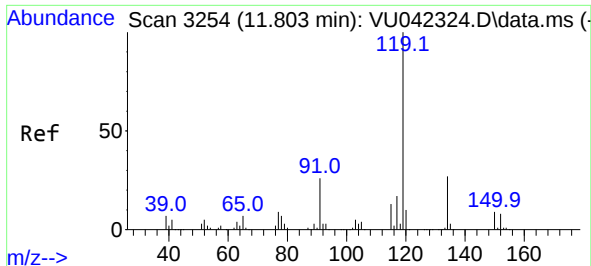
Tgt Ion:105 Resp: 186440
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8



#85
sec-Butylbenzene
Concen: 10.49 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion:105 Resp: 79894
Ion Ratio Lower Upper
105 100
134 19.7 10.0 30.0

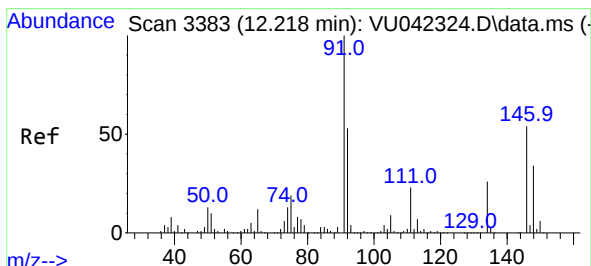
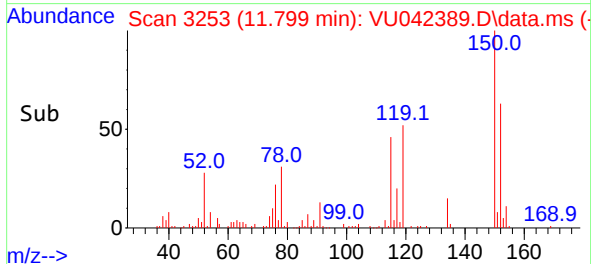
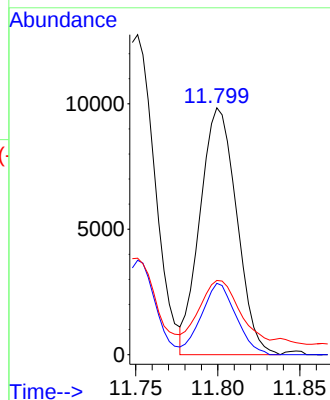
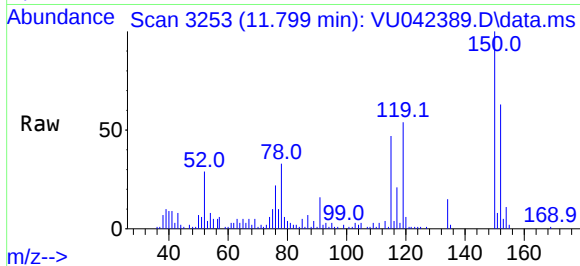




#86
p-Isopropyltoluene
Concen: 2.17 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

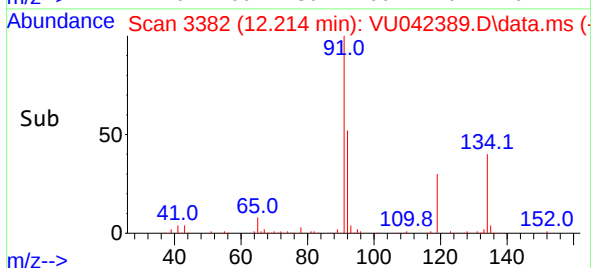
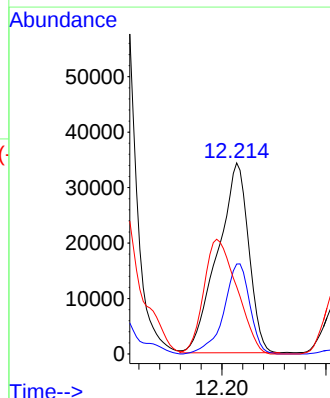
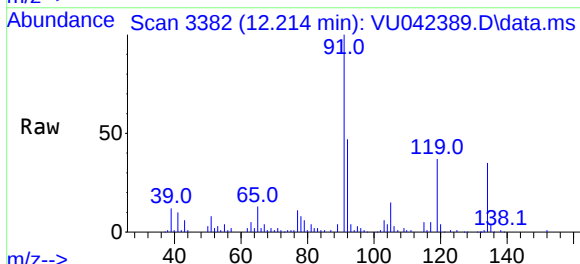
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

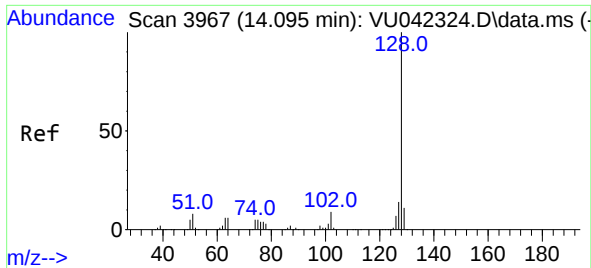
Tgt Ion:119 Resp: 15274
Ion Ratio Lower Upper
119 100
134 27.2 13.2 39.6
91 25.8 12.8 38.3



#89
n-Butylbenzene
Concen: 11.48 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Tgt Ion: 91 Resp: 70919
Ion Ratio Lower Upper
91 100
92 39.6 26.2 78.6
134 0.0 12.7 38.1#





#95
Naphthalene
Concen: 21.52 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042389.D
Acq: 22 Feb 2021 13:08

Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-2-GW

Tgt Ion:128 Resp: 157797
Ion Ratio Lower Upper
128 100
127 14.1 10.8 16.2
129 14.8 8.6 13.0#

