

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042390.D
 Acq On : 22 Feb 2021 13:31
 Operator : SY/MD
 Sample : M1442-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VCP-BS-3-GW

Quant Time: Feb 22 13:51:27 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)

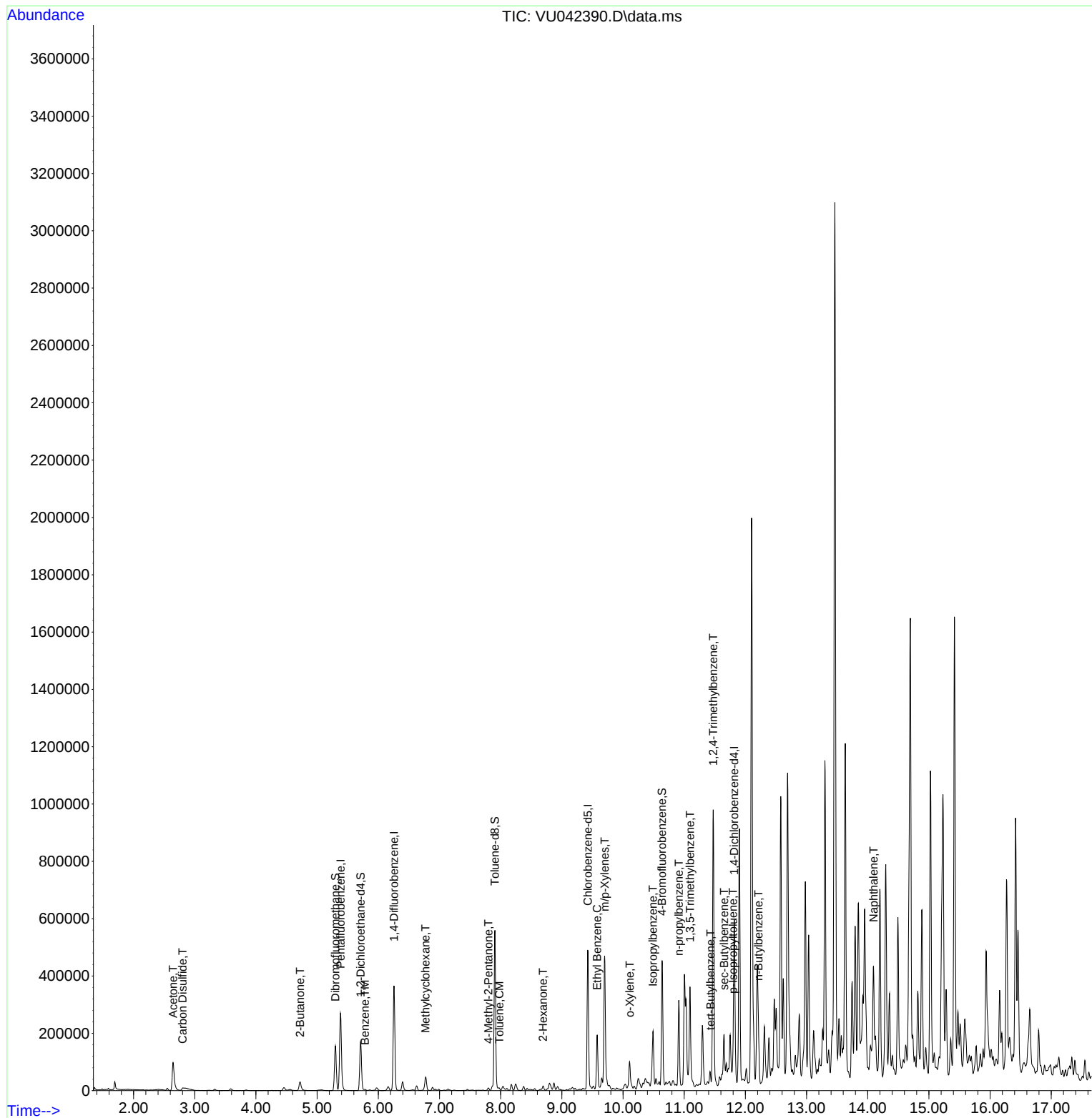
Internal Standards						
1) Pentafluorobenzene	5.382	168	189472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	283146	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	256880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	139126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	134323	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	5.298	113	96504	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	7.906	98	347484	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.639	95	140626	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds					Qvalue	
16) Acetone	2.646	43	154180	86.51	ug/l	97
17) Carbon Disulfide	2.800	76	4155	0.79	ug/l #	93
25) 2-Butanone	4.719	43	50983	21.51	ug/l	95
39) Methylcyclohexane	6.771	83	10959	3.38	ug/l	98
40) Benzene	5.781	78	2013	0.26	ug/l	91
51) 4-Methyl-2-Pentanone	7.800	43	6554	1.51	ug/l	99
52) Toluene	7.980	92	1268	0.26	ug/l	89
59) 2-Hexanone	8.694	43	10583	3.06	ug/l	98
67) Ethyl Benzene	9.578	91	117571	12.70	ug/l	99
68) m/p-Xylenes	9.700	106	125744	36.71	ug/l	99
69) o-Xylene	10.108	106	23829	7.11	ug/l	100
73) Isopropylbenzene	10.491	105	117787	12.69	ug/l	98
78) n-propylbenzene	10.912	91	220982	20.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	171742	21.54	ug/l	99
83) tert-Butylbenzene	11.430	119	3132	0.41	ug/l	91
84) 1,2,4-Trimethylbenzene	11.475	105	494162	61.94	ug/l	99
85) sec-Butylbenzene	11.652	105	96822	10.65	ug/l	98
86) p-Isopropyltoluene	11.800	119	31236	3.72	ug/l	97
89) n-Butylbenzene	12.214	91	99864	13.55	ug/l #	47
95) Naphthalene	14.095	128	300829	33.06	ug/l #	97

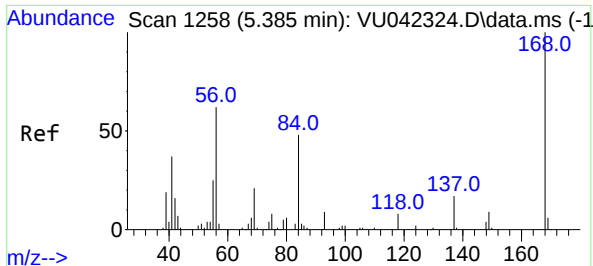
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 13:51:27 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

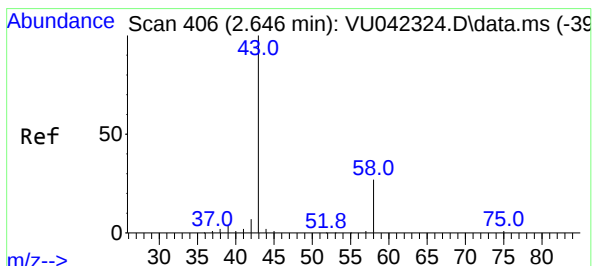
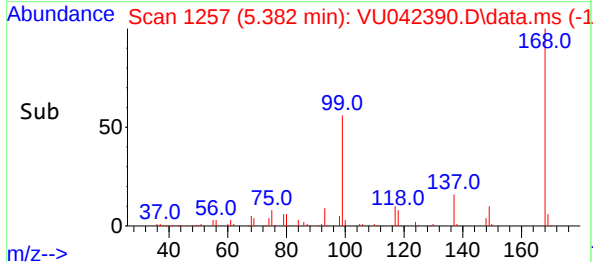
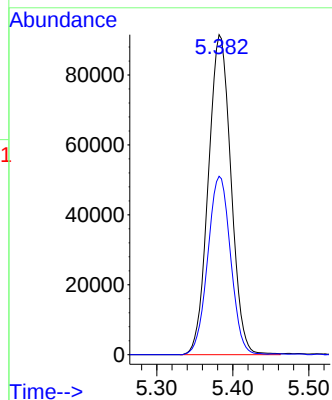
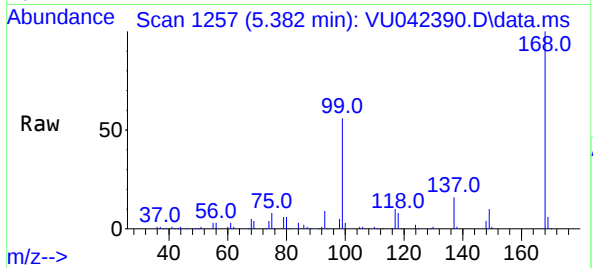




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

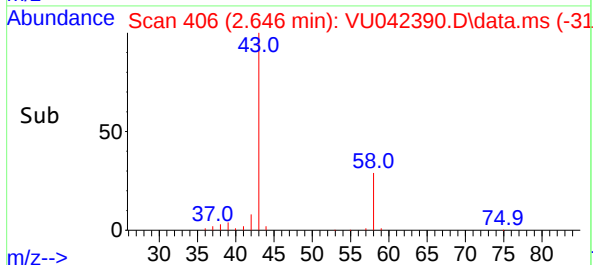
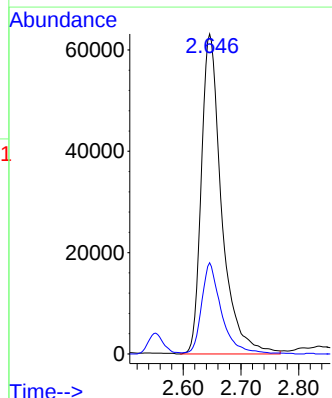
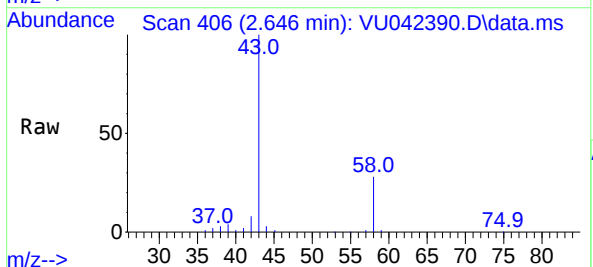
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

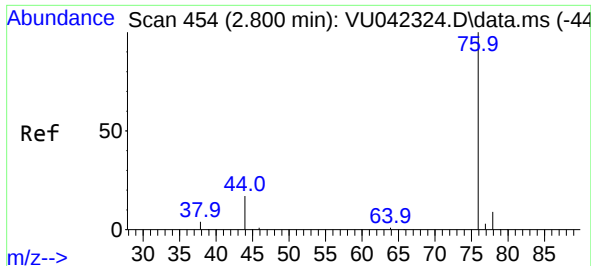
Tgt Ion:168 Resp: 189472
Ion Ratio Lower Upper
168 100
99 55.7 45.0 67.4



#16
Acetone
Concen: 86.51 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 43 Resp: 154180
Ion Ratio Lower Upper
43 100
58 28.2 21.5 32.3

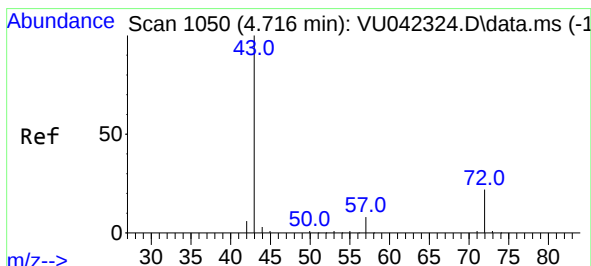
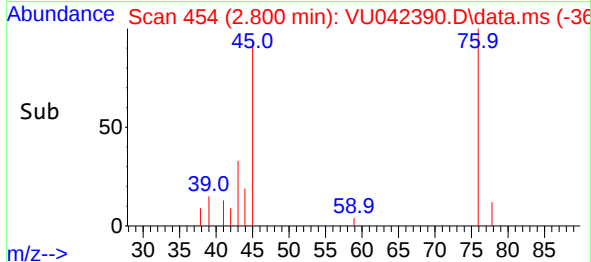
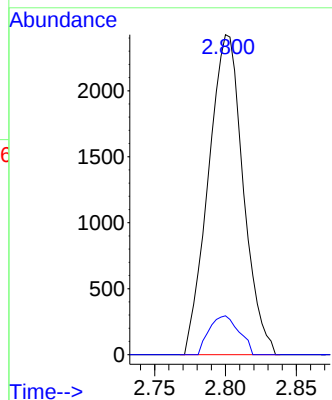
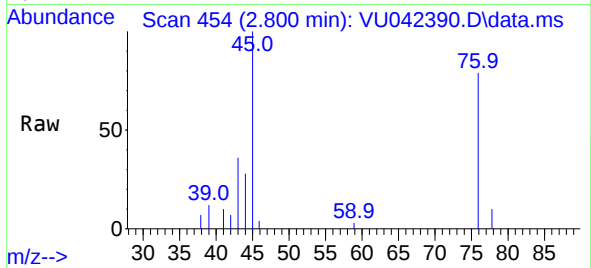




#17
Carbon Disulfide
Concen: 0.79 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

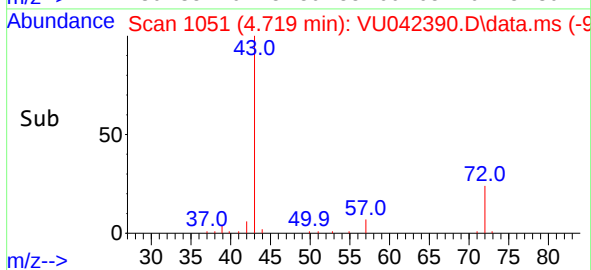
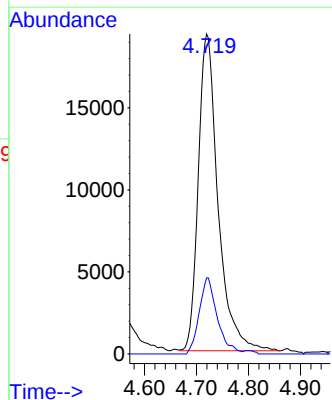
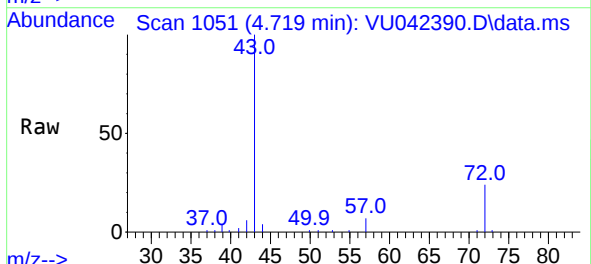
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

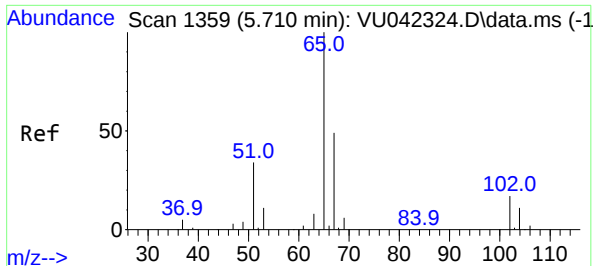
Tgt Ion: 76 Resp: 4155
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#



#25
2-Butanone
Concen: 21.51 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 43 Resp: 50983
Ion Ratio Lower Upper
43 100
72 24.0 17.4 26.0

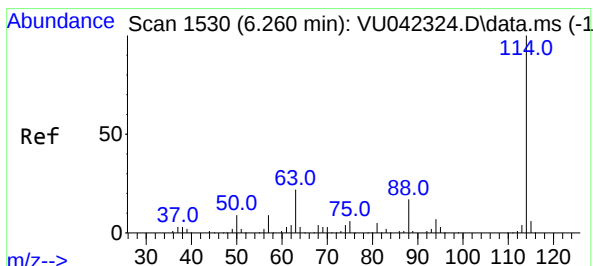
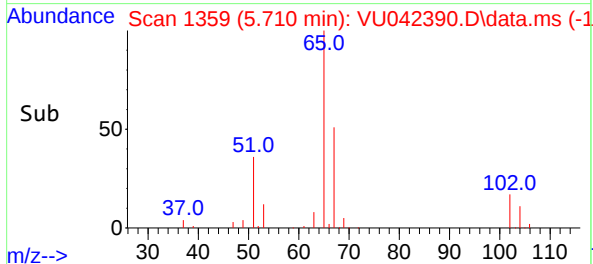
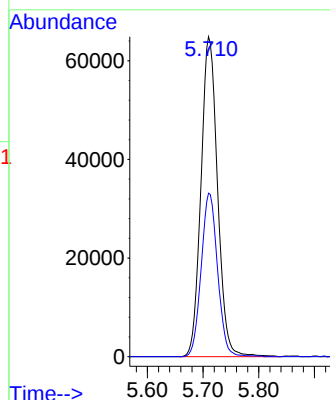
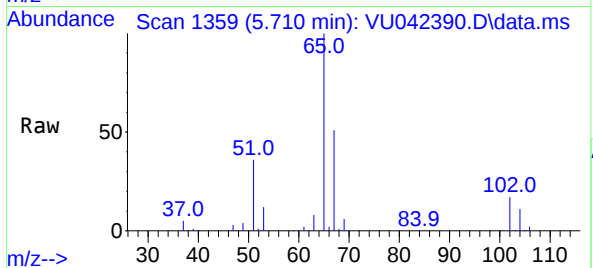




#33
1,2-Dichloroethane-d4
Concen: 46.75 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

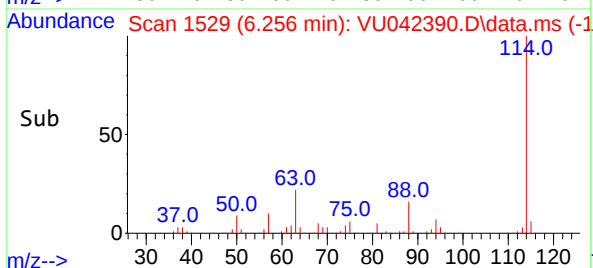
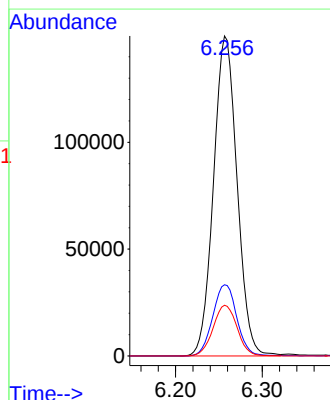
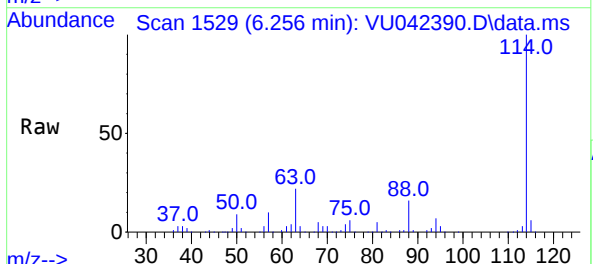
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

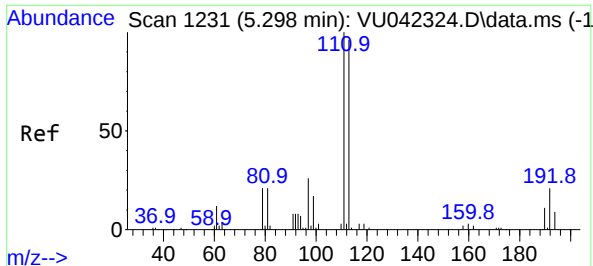
Tgt Ion: 65 Resp: 134323
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 114 Resp: 283146
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.2
88 15.9 0.0 33.4

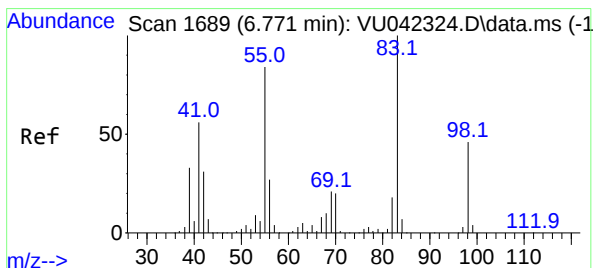
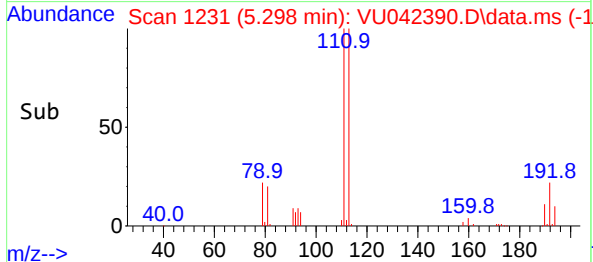
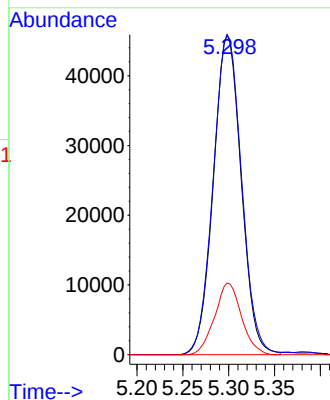
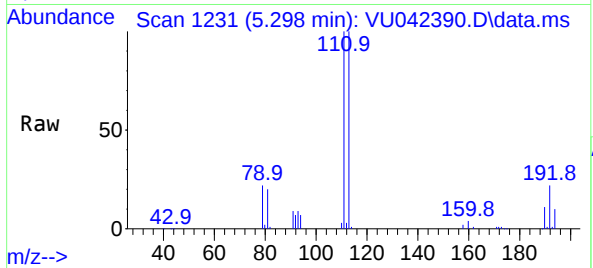




#35
Dibromofluoromethane
Concen: 48.29 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

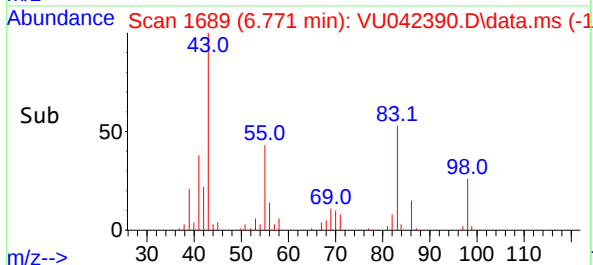
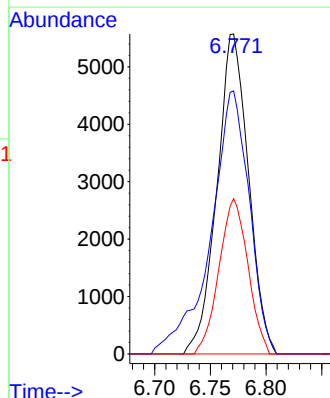
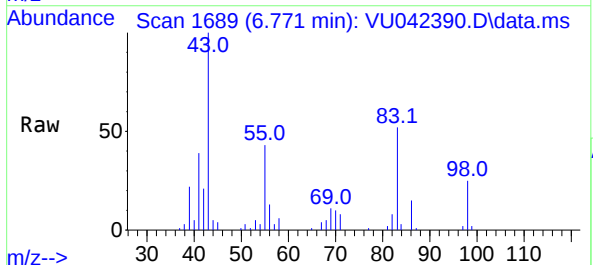
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

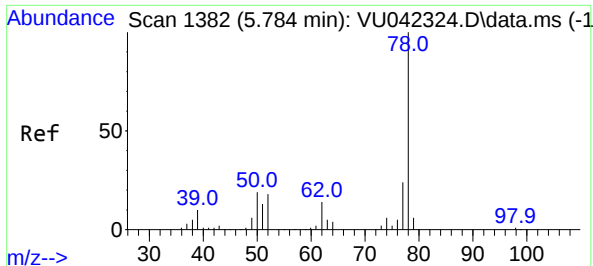
Tgt Ion:	113	Resp:	96504
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	21.7	17.2	25.8



#39
Methylcyclohexane
Concen: 3.38 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion:	83	Resp:	10959
Ion	Ratio	Lower	Upper
83	100		
55	82.2	66.8	100.2
98	48.6	36.9	55.3

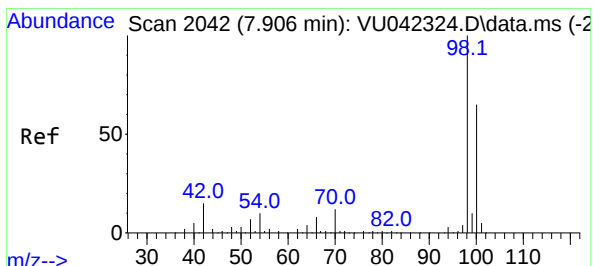
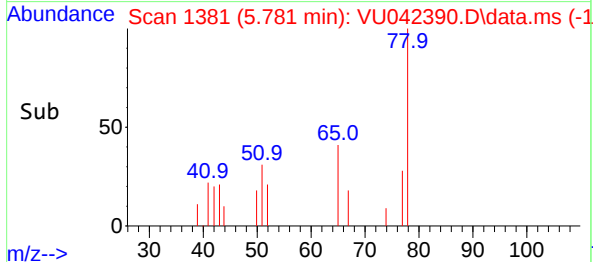
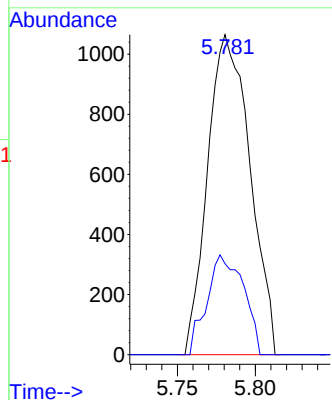
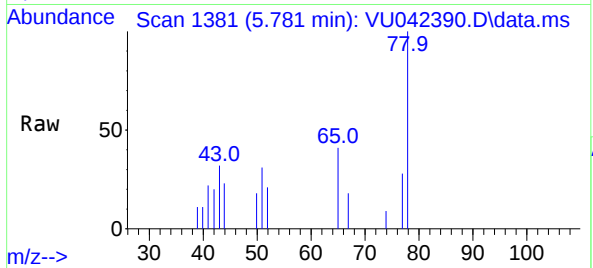




#40
Benzene
Concen: 0.26 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

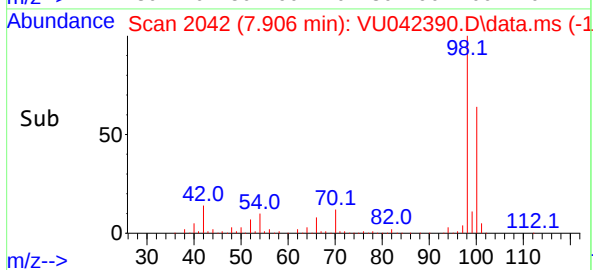
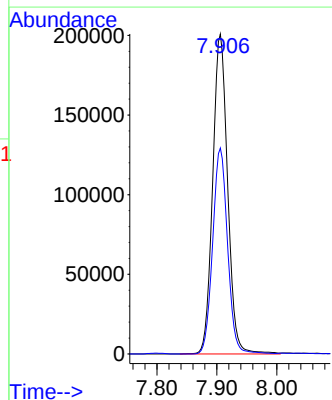
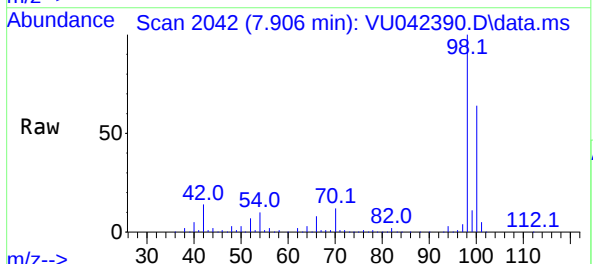
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ClientSampleId :
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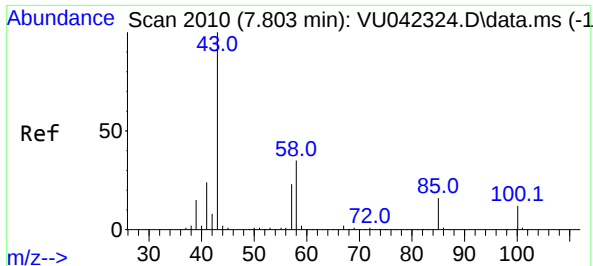
Tgt Ion: 78 Resp: 2013
Ion Ratio Lower Upper
78 100
77 28.5 19.3 28.9



#50
Toluene-d8
Concen: 48.55 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 98 Resp: 347484
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

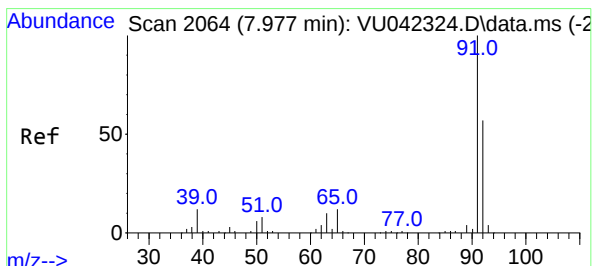
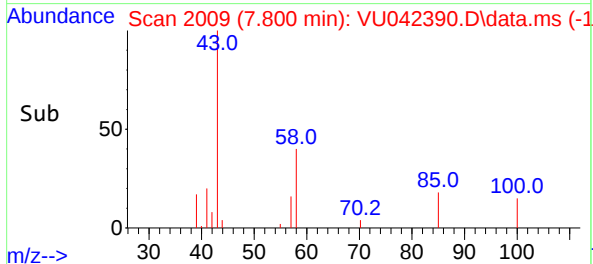
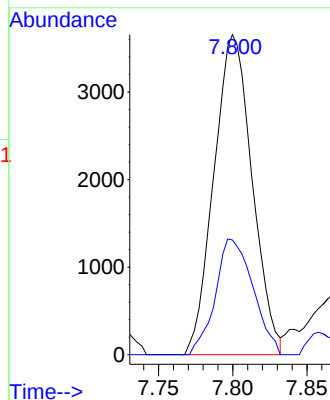
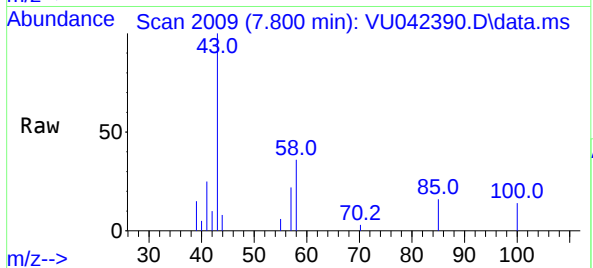




#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

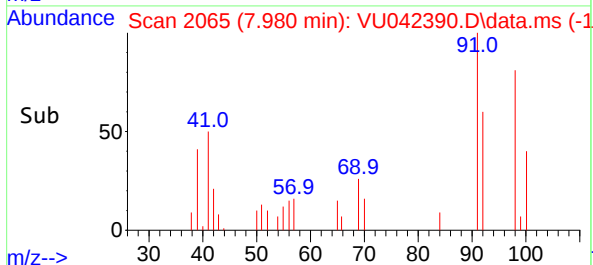
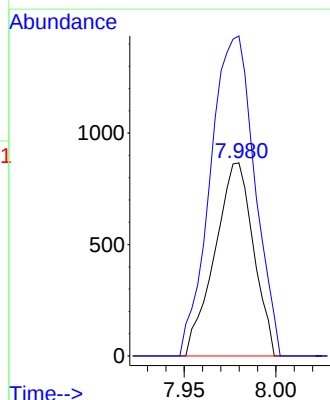
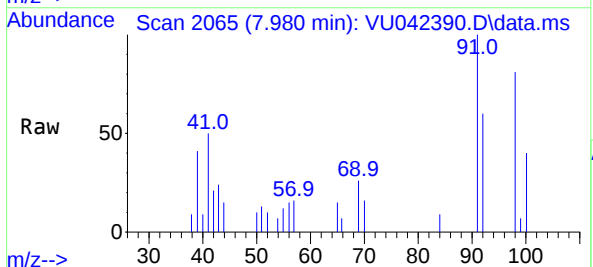
Instrument :
MSVOA_U
ClientSampled :
VCP-BS-3-GW

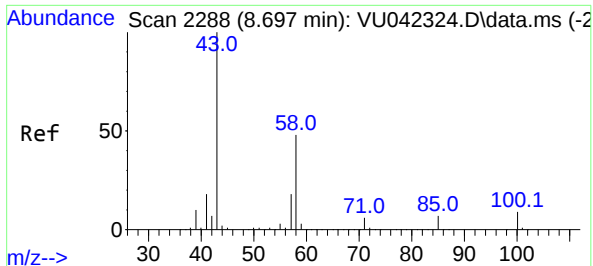
Tgt Ion: 43 Resp: 6554
Ion Ratio Lower Upper
43 100
58 35.6 28.1 42.1



#52
Toluene
Concen: 0.26 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 92 Resp: 1268
Ion Ratio Lower Upper
92 100
91 190.1 140.3 210.5

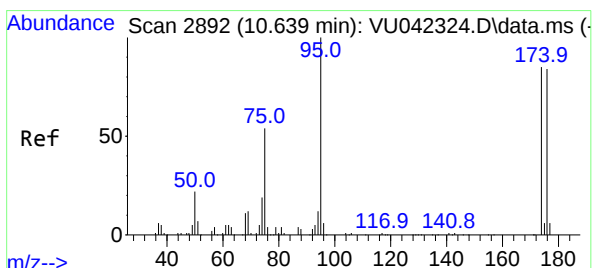
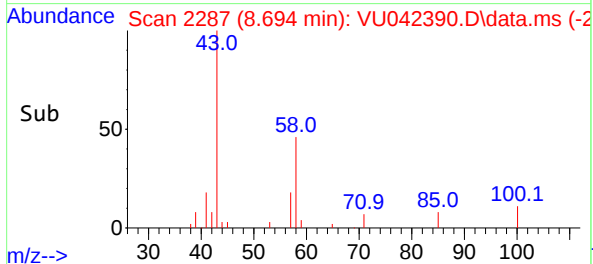
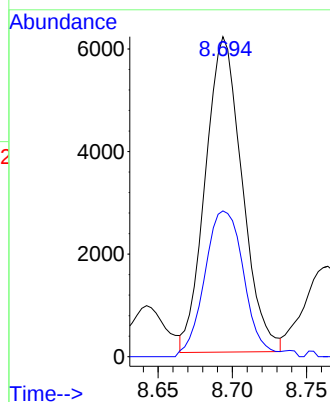
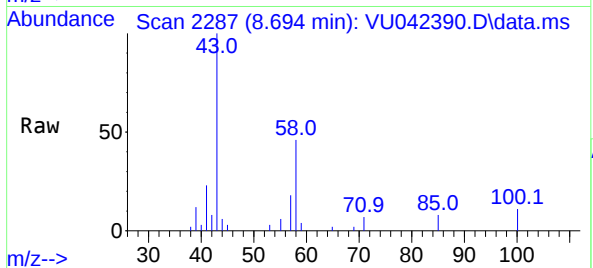




#59
2-Hexanone
Concen: 3.06 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

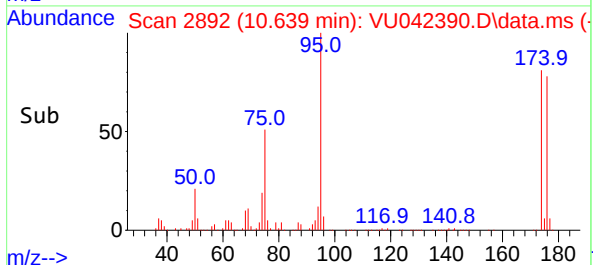
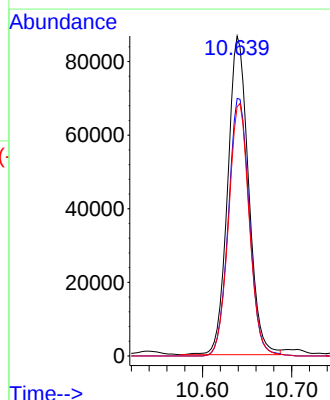
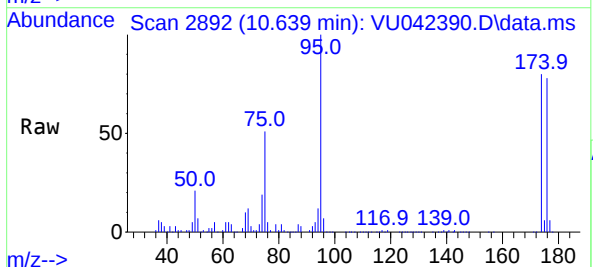
Instrument :
MSVOA_U
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VCP-BS-3-GW

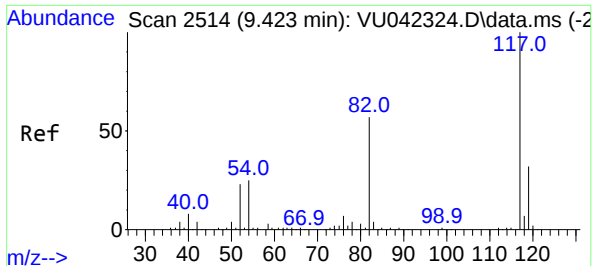
Tgt Ion: 43 Resp: 10583
Ion Ratio Lower Upper
43 100
58 49.1 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 49.85 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 95 Resp: 140626
Ion Ratio Lower Upper
95 100
174 81.1 0.0 172.2
176 78.7 0.0 168.8

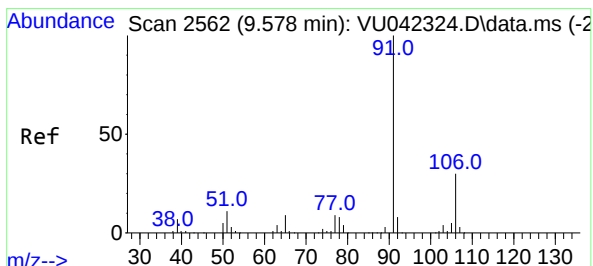
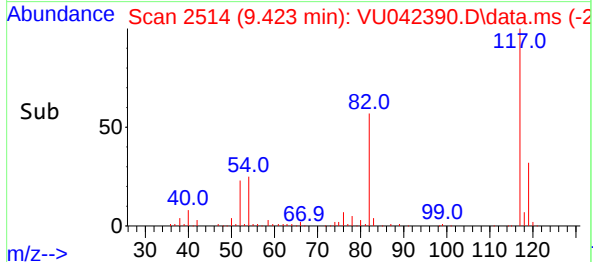
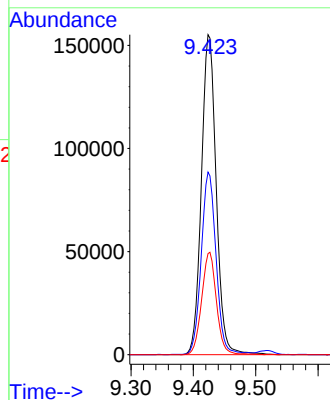
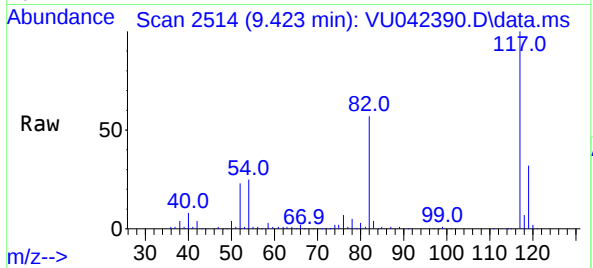




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

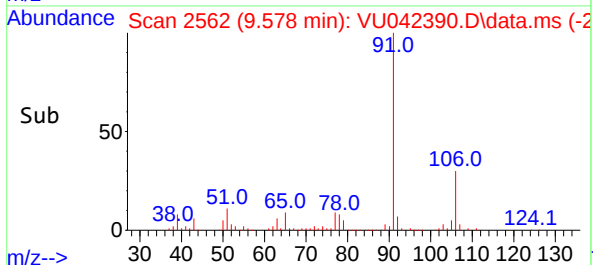
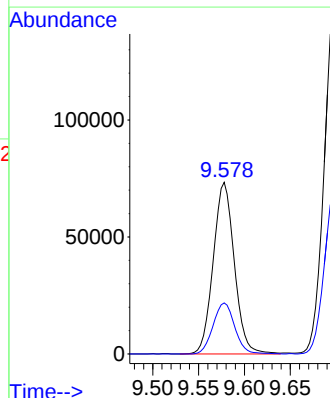
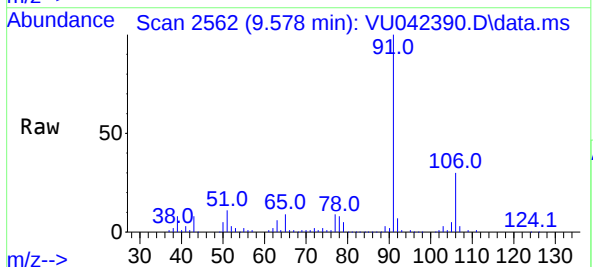
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

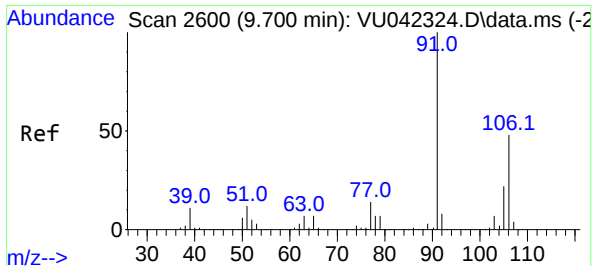
Tgt Ion:117 Resp: 256880
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.6
119 31.6 25.8 38.8



#67
Ethyl Benzene
Concen: 12.70 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion: 91 Resp: 117571
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1

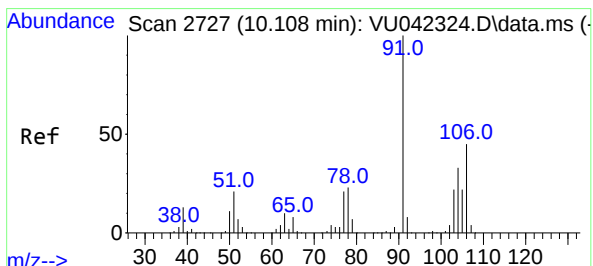
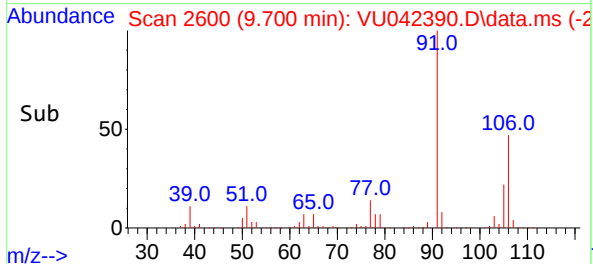
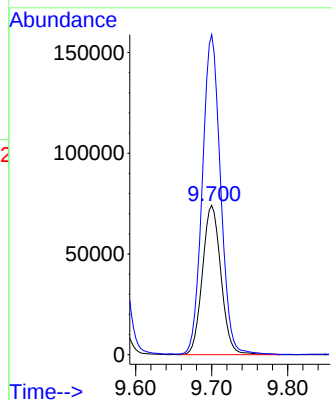
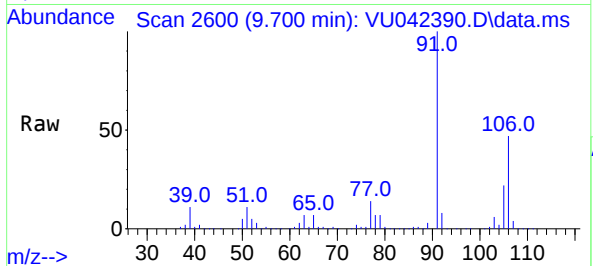




#68
m/p-Xylenes
Concen: 36.71 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

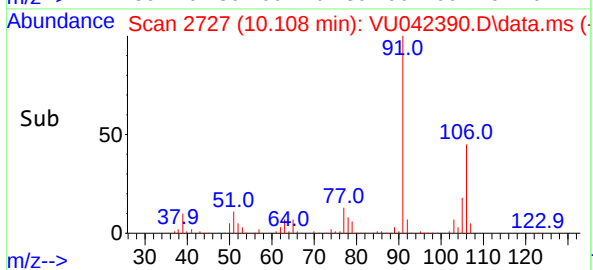
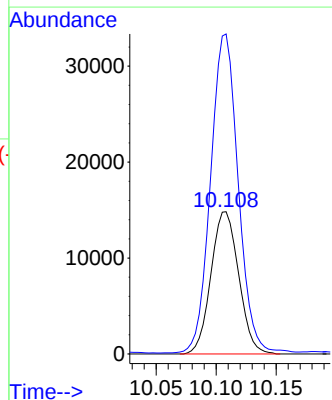
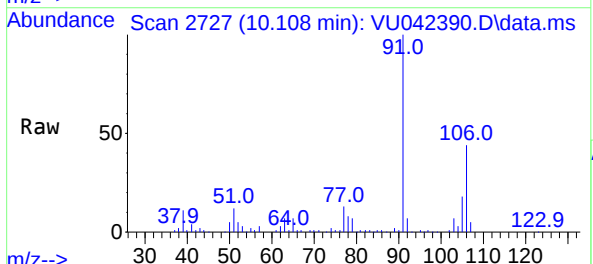
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

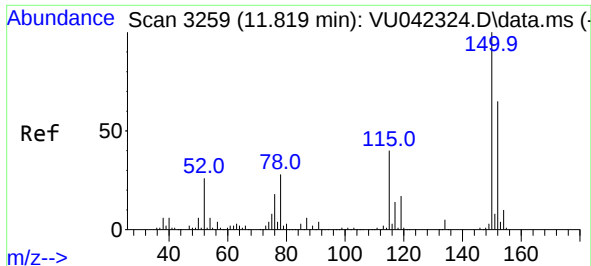
Tgt Ion:106 Resp: 125744
Ion Ratio Lower Upper
106 100
91 210.7 169.9 254.9



#69
o-Xylene
Concen: 7.11 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion:106 Resp: 23829
Ion Ratio Lower Upper
106 100
91 222.8 111.2 333.6

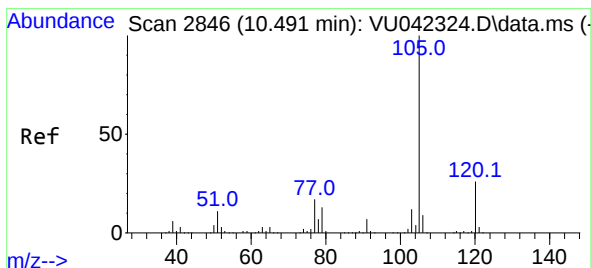
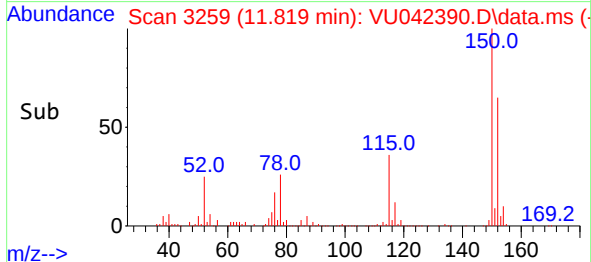
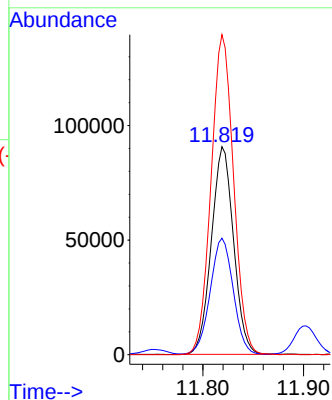
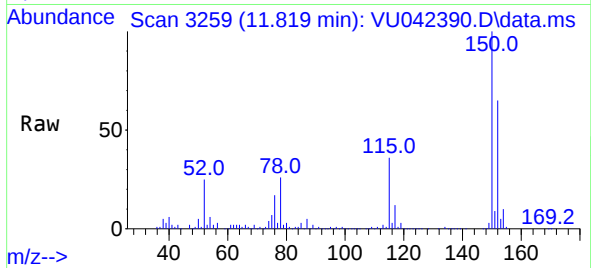




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

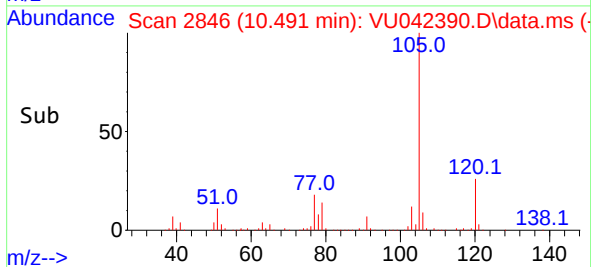
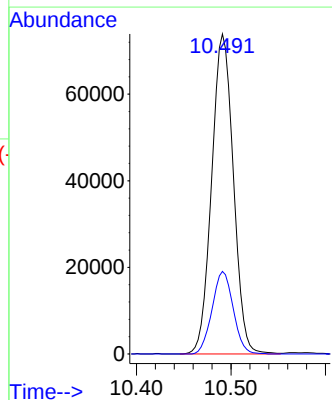
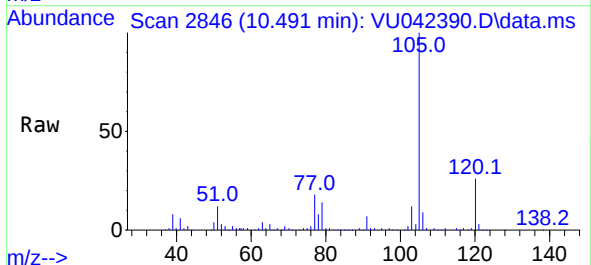
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

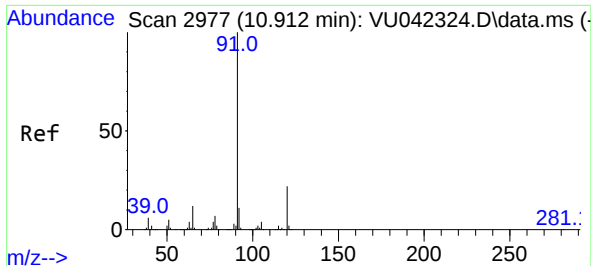
Tgt Ion:152 Resp: 139126
Ion Ratio Lower Upper
152 100
115 57.8 41.5 124.6
150 156.3 0.0 342.4



#73
Isopropylbenzene
Concen: 12.69 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion:105 Resp: 117787
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.3

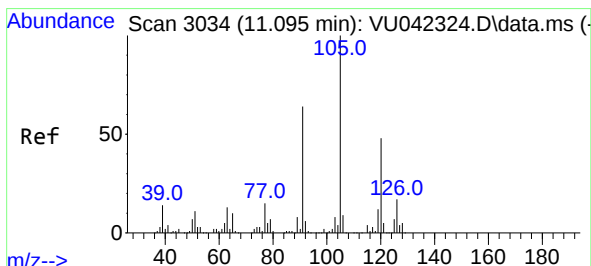
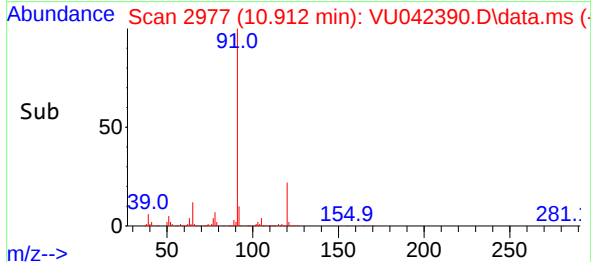
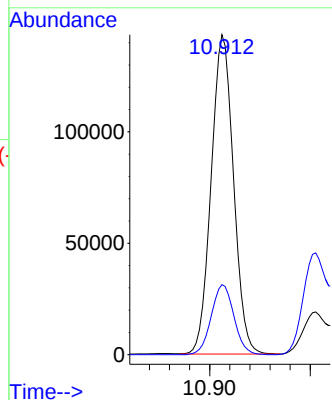
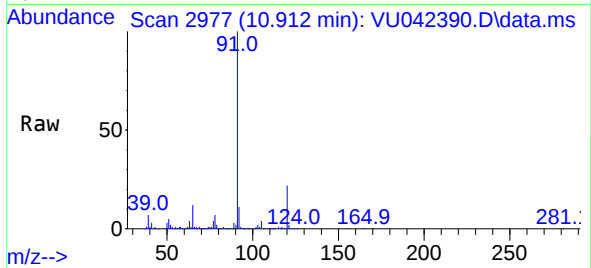




#78
n-propylbenzene
Concen: 20.57 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

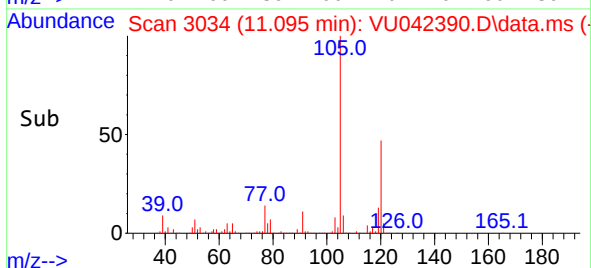
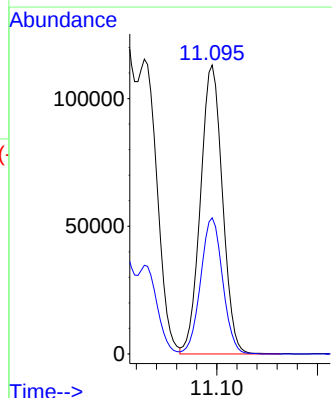
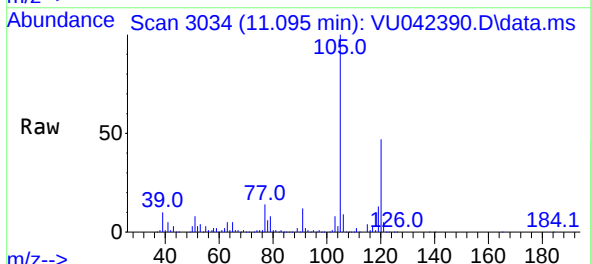
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

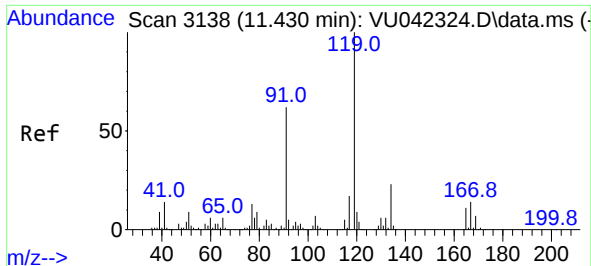
Tgt Ion: 91 Resp: 220982
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 21.54 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion:105 Resp: 171742
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.4

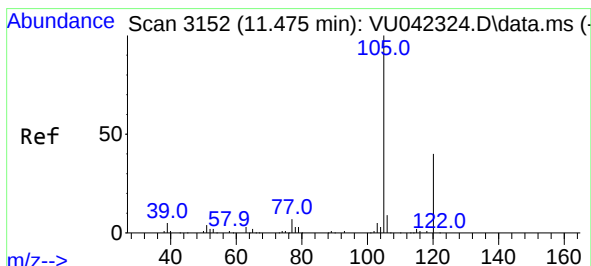
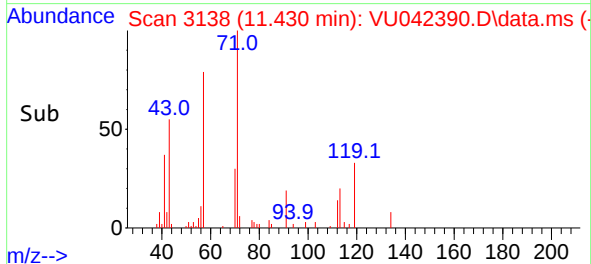
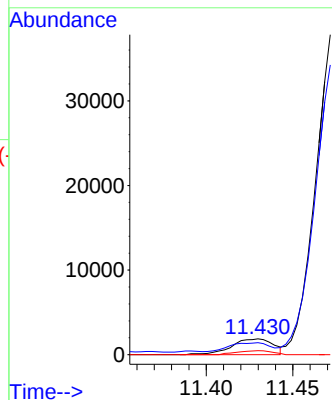
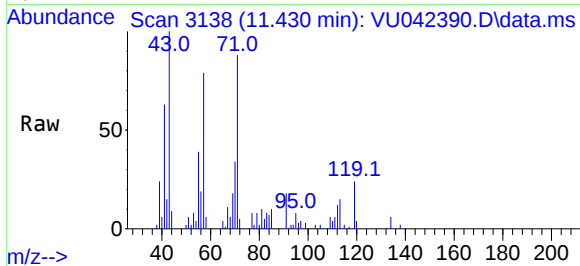




#83
tert-Butylbenzene
Concen: 0.41 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

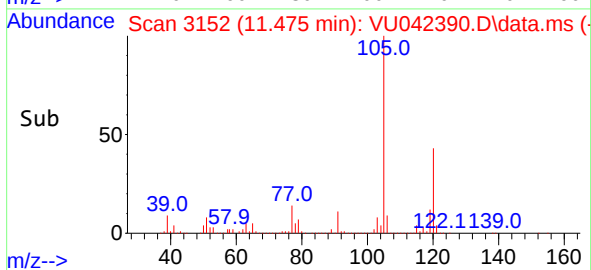
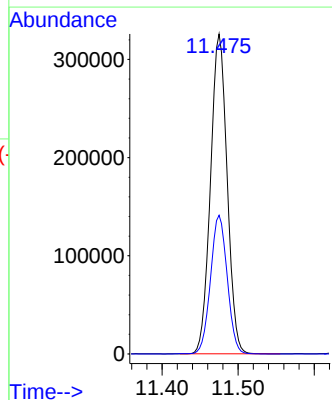
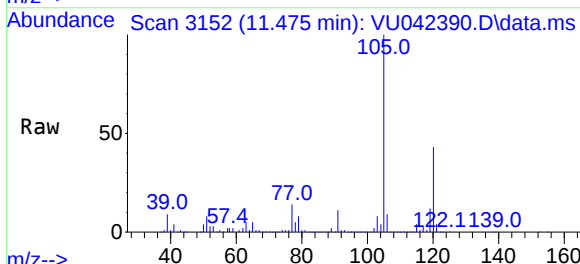
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

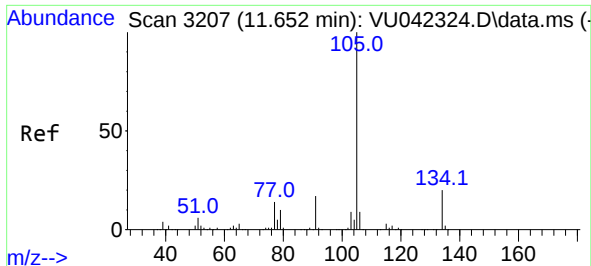
Tgt Ion:119 Resp: 3132
Ion Ratio Lower Upper
119 100
91 52.1 30.3 90.9
134 21.2 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 61.94 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion:105 Resp: 494162
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8

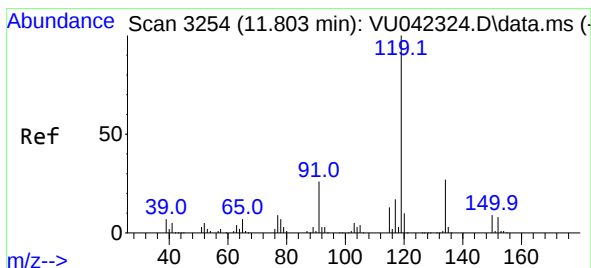
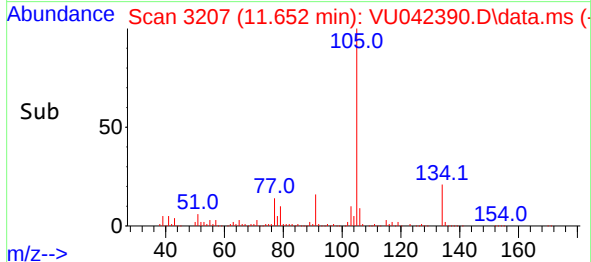
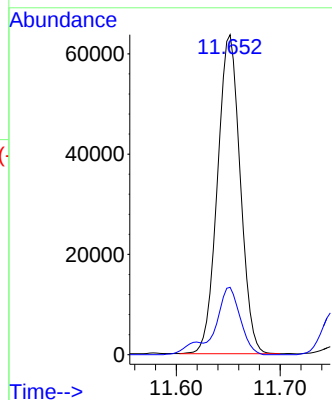
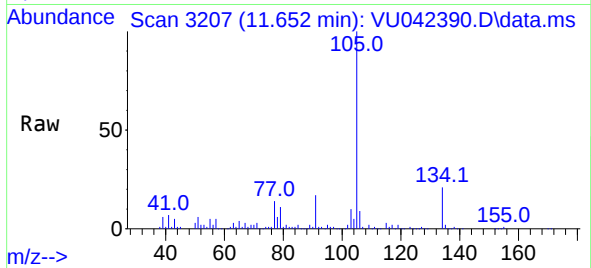




#85
 sec-Butylbenzene
 Concen: 10.65 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. 0.000 min
 Lab File: VU042390.D
 Acq: 22 Feb 2021 13:31

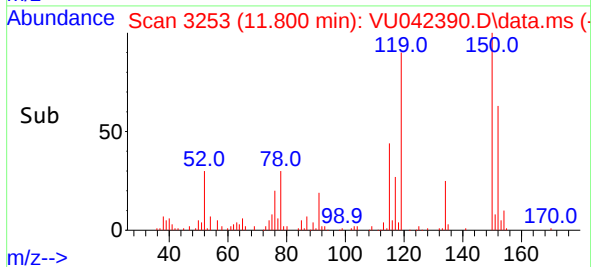
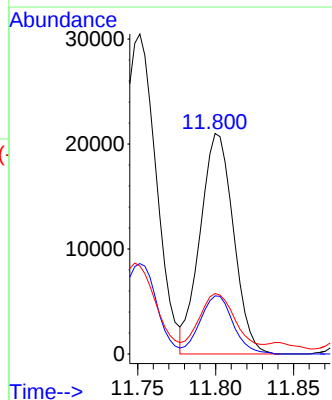
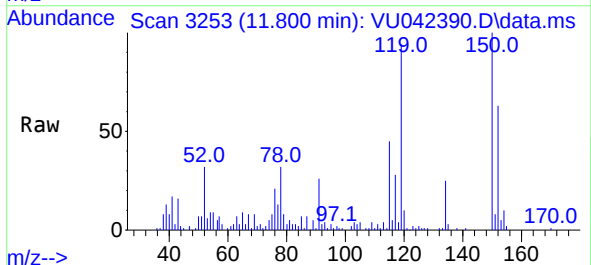
Instrument :
 MSVOA_U
 ClientSampleId :
 VCP-BS-3-GW

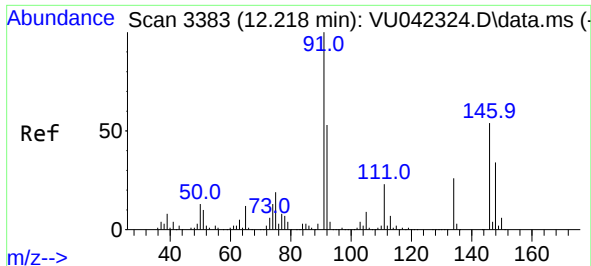
Tgt Ion:105 Resp: 96822
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 3.72 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. -0.003 min
 Lab File: VU042390.D
 Acq: 22 Feb 2021 13:31

Tgt Ion:119 Resp: 31236
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 22.7 12.8 38.3

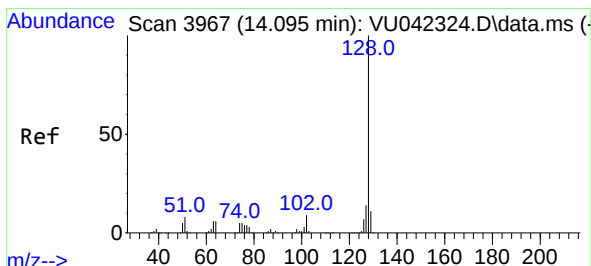
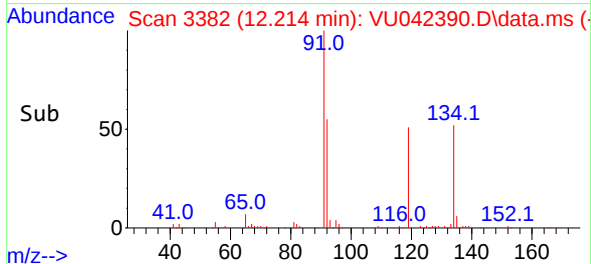
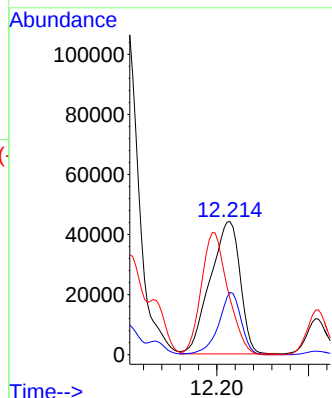
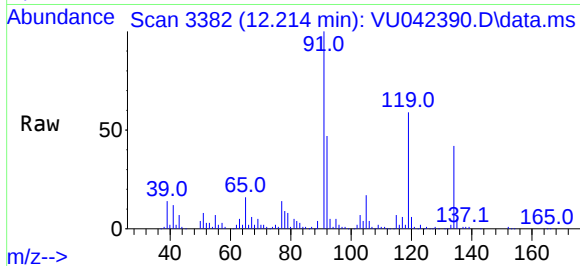




#89
n-Butylbenzene
Concen: 13.55 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

Tgt Ion: 91 Resp: 99864
Ion Ratio Lower Upper
91 100
92 35.4 26.2 78.6
134 82.6 12.7 38.1#



#95
Naphthalene
Concen: 33.06 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042390.D
Acq: 22 Feb 2021 13:31

Tgt Ion:128 Resp: 300829
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 13.3 8.6 13.0#

