

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042388.D
 Acq On : 22 Feb 2021 12:45
 Operator : SY/MD
 Sample : M1442-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VCP-BS-1-GW

Quant Time: Feb 22 13:38:34 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)

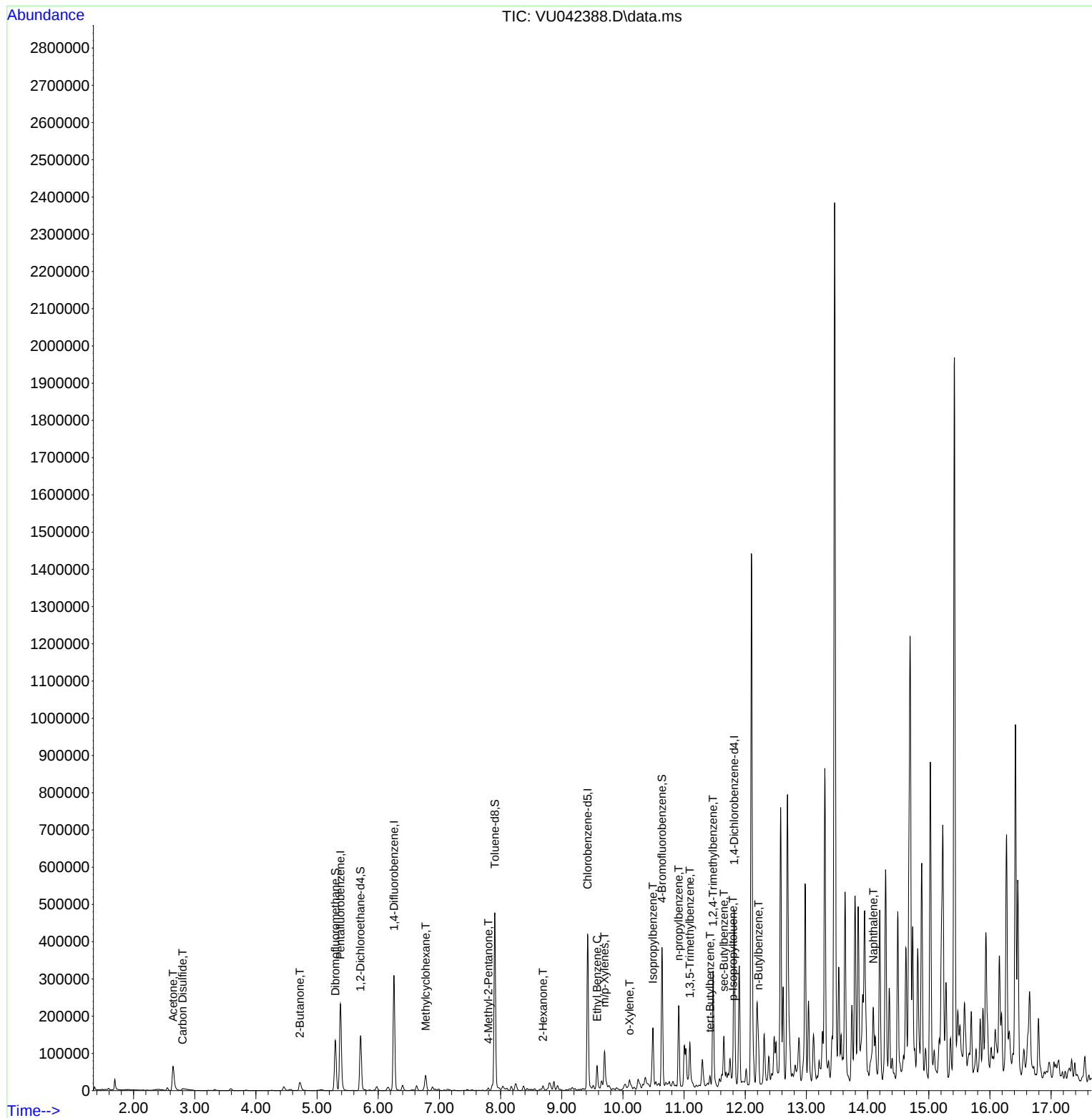
Internal Standards						
1) Pentafluorobenzene	5.382	168	160675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	238826	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	220035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	116730	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	5.298	113	82165	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	7.906	98	300717	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	10.639	95	113789	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds					Qvalue	
16) Acetone	2.646	43	104277	68.99	ug/l	100
17) Carbon Disulfide	2.800	76	3065	0.69	ug/l	98
25) 2-Butanone	4.719	43	37504	18.66	ug/l	95
39) Methylcyclohexane	6.774	83	9917	3.63	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	4832	1.32	ug/l	97
59) 2-Hexanone	8.693	43	7733	2.65	ug/l	91
67) Ethyl Benzene	9.578	91	36735	4.63	ug/l	99
68) m/p-Xylenes	9.700	106	25491	8.69	ug/l	99
69) o-Xylene	10.108	106	5857	2.04	ug/l	92
73) Isopropylbenzene	10.491	105	96707	12.66	ug/l	100
78) n-propylbenzene	10.912	91	162543	18.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	57122	8.71	ug/l	98
83) tert-Butylbenzene	11.427	119	2755	0.43	ug/l	93
84) 1,2,4-Trimethylbenzene	11.475	105	153450	23.38	ug/l	99
85) sec-Butylbenzene	11.652	105	76942	10.29	ug/l	99
86) p-Isopropyltoluene	11.799	119	12728	1.84	ug/l	95
89) n-Butylbenzene	12.214	91	68870	11.36	ug/l #	71
95) Naphthalene	14.095	128	154127	21.42	ug/l #	93

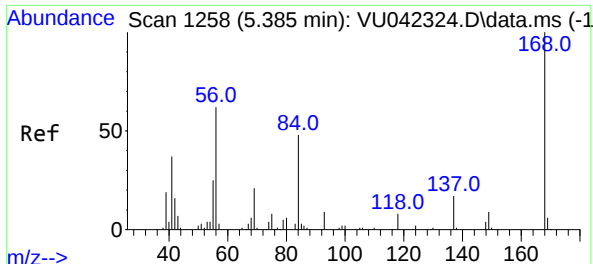
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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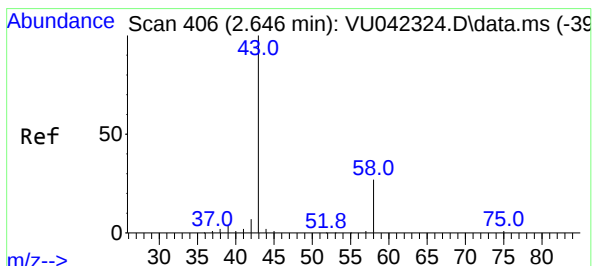
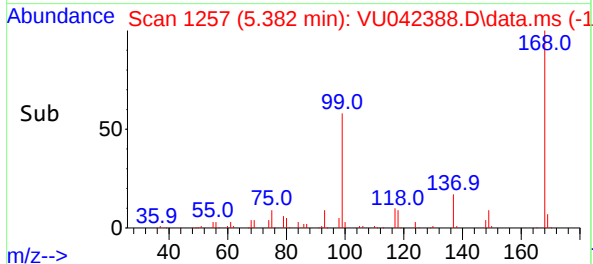
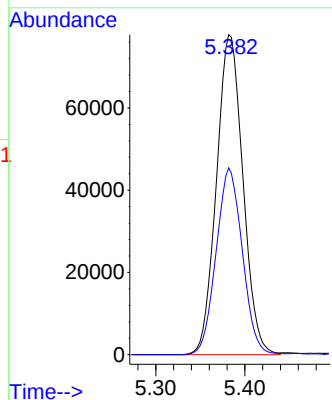
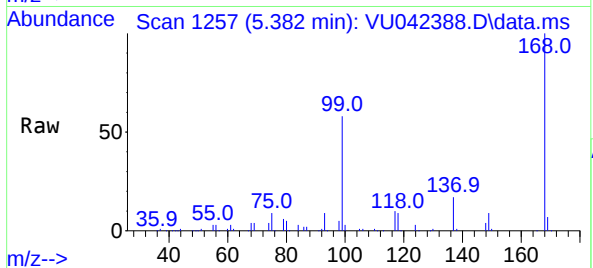




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

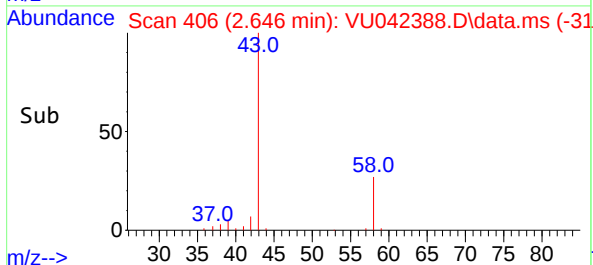
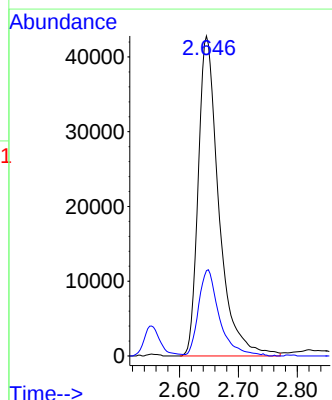
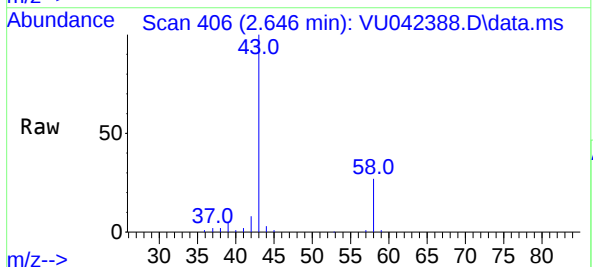
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

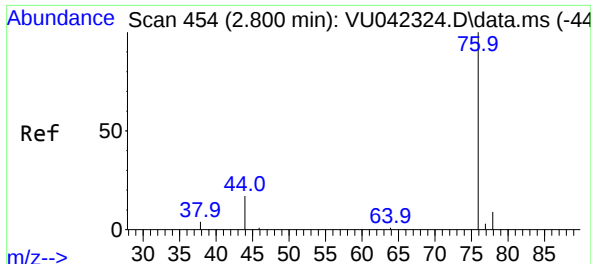
Tgt Ion:168 Resp: 160675
Ion Ratio Lower Upper
168 100
99 58.4 45.0 67.4



#16
Acetone
Concen: 68.99 ug/l
RT: 2.646 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 43 Resp: 104277
Ion Ratio Lower Upper
43 100
58 26.6 21.5 32.3

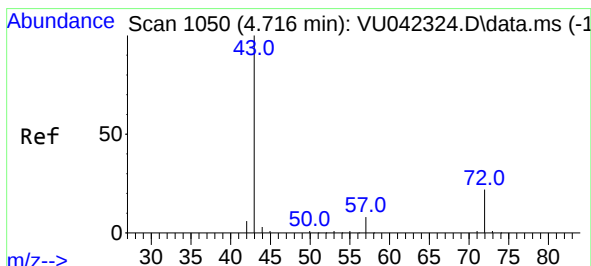
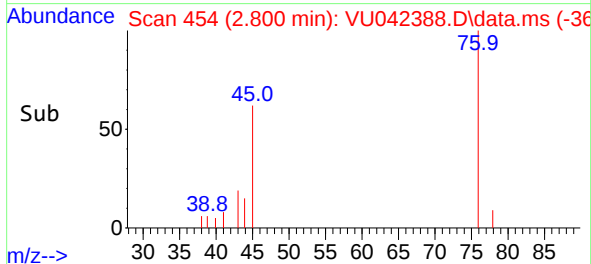
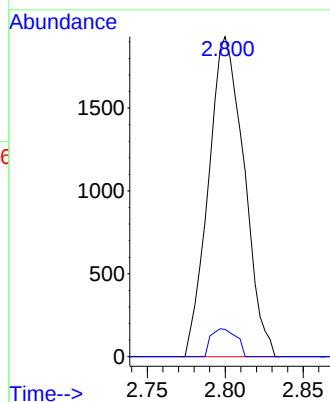
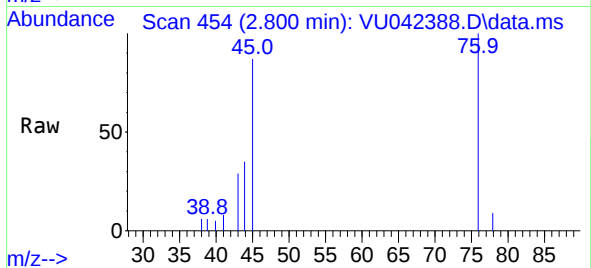




#17
Carbon Disulfide
Concen: 0.69 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

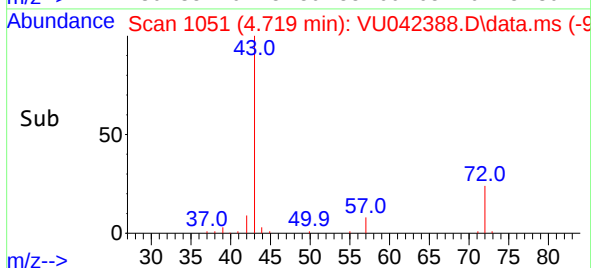
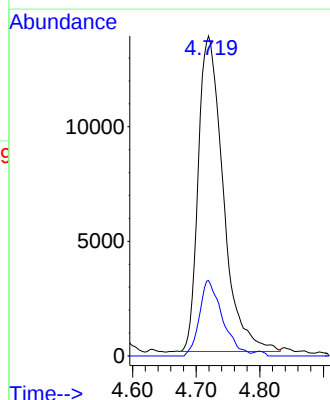
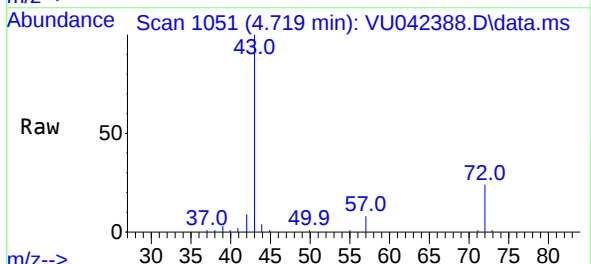
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

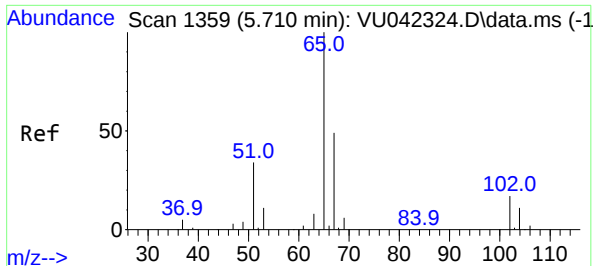
Tgt Ion: 76 Resp: 3065
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#25
2-Butanone
Concen: 18.66 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 43 Resp: 37504
Ion Ratio Lower Upper
43 100
72 23.9 17.4 26.0



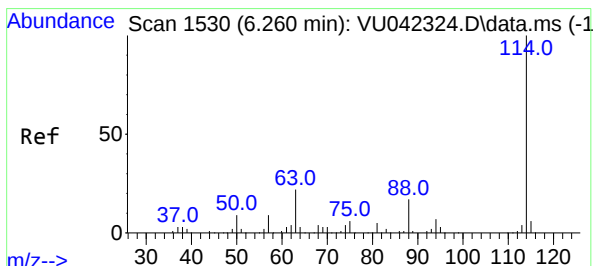
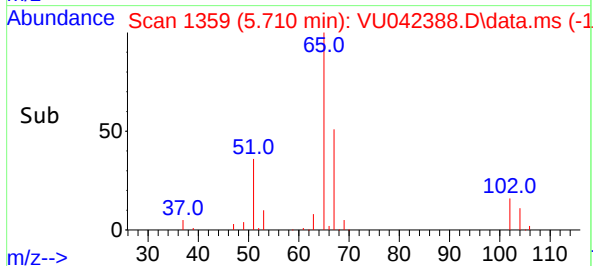
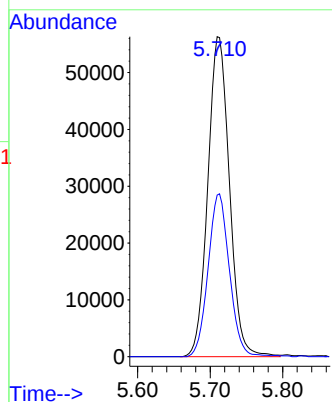
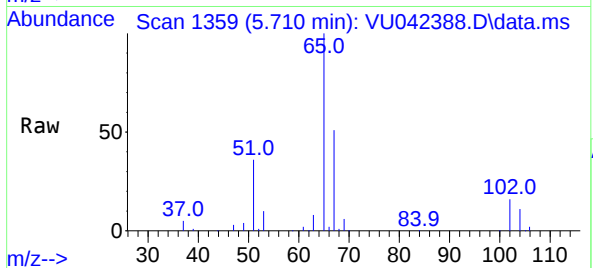


#33

1,2-Dichloroethane-d4
Concen: 47.91 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

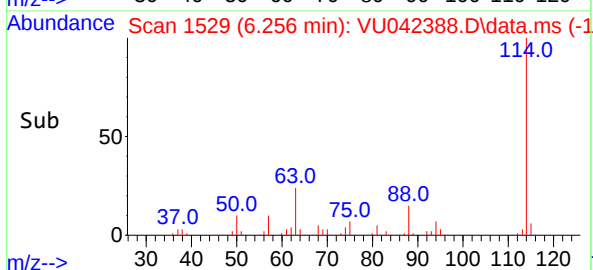
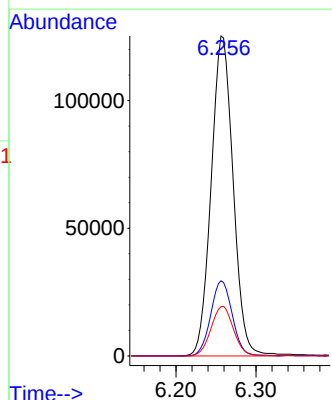
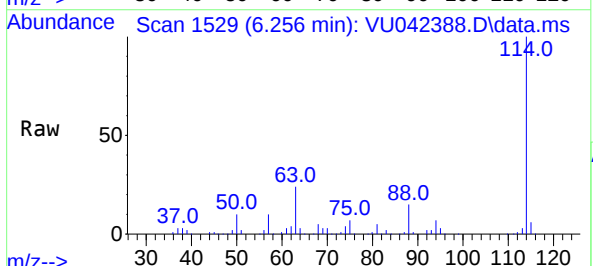
Tgt Ion: 65 Resp: 116730
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.8

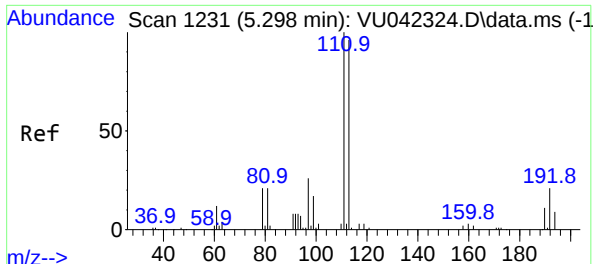


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 114 Resp: 238826
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.2
88 15.4 0.0 33.4



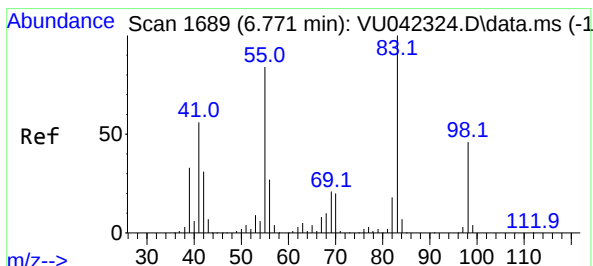
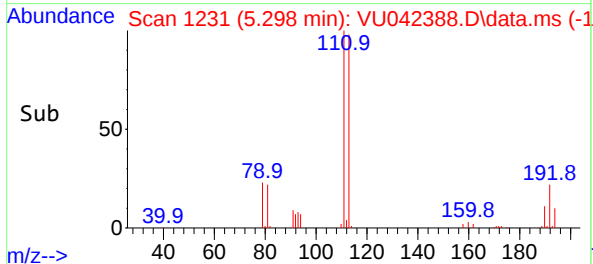
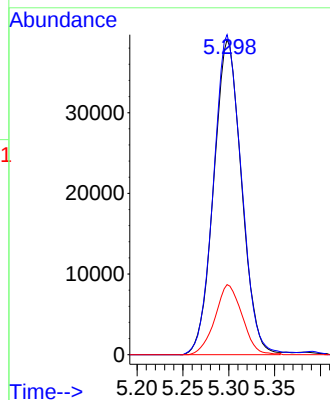
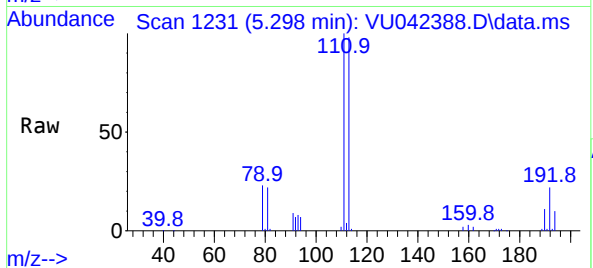


#35
Dibromofluoromethane
Concen: 48.74 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

Tgt Ion:113 Resp: 82165

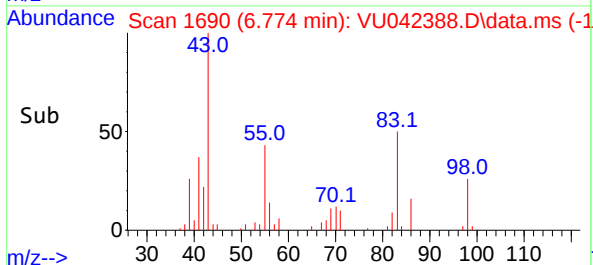
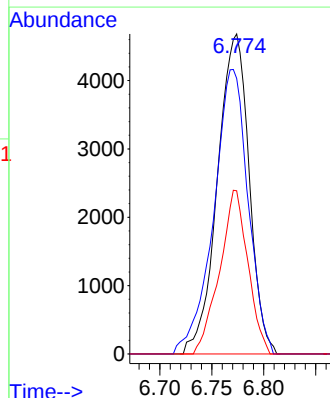
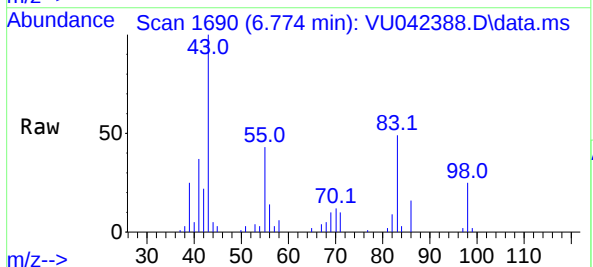
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	21.8	17.2	25.8

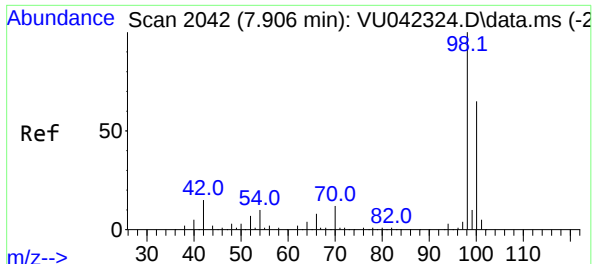


#39
Methylcyclohexane
Concen: 3.63 ug/l
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 83 Resp: 9917

Ion	Ratio	Lower	Upper
83	100		
55	86.1	66.8	100.2
98	51.0	36.9	55.3

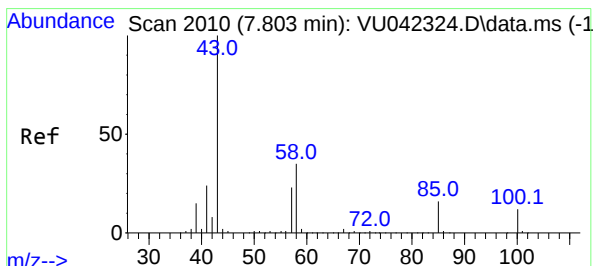
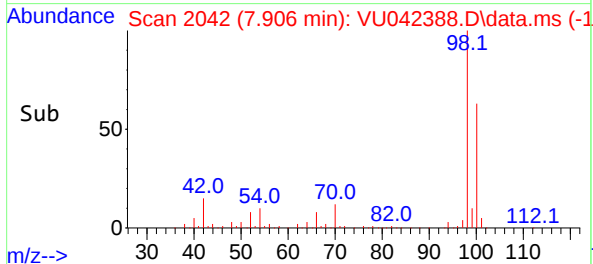
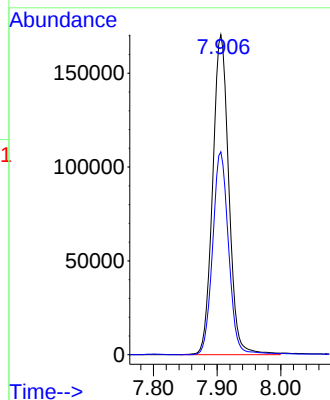
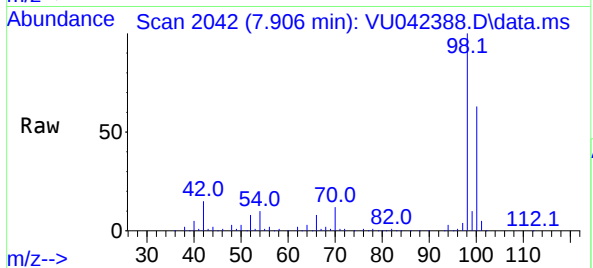




#50
Toluene-d8
Concen: 49.81 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

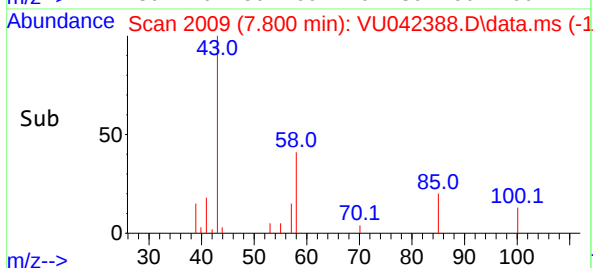
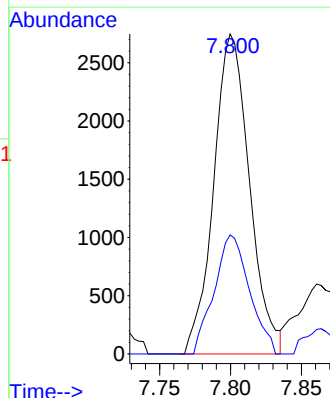
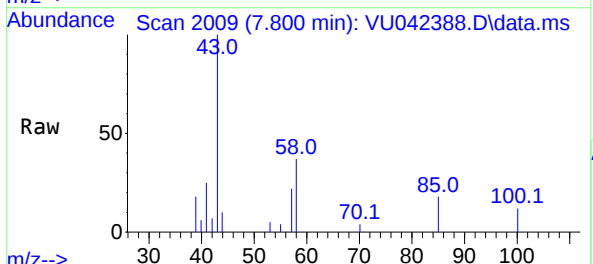
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

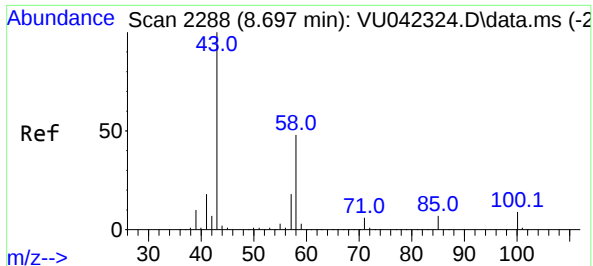
Tgt Ion: 98 Resp: 300717
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 43 Resp: 4832
Ion Ratio Lower Upper
43 100
58 36.7 28.1 42.1

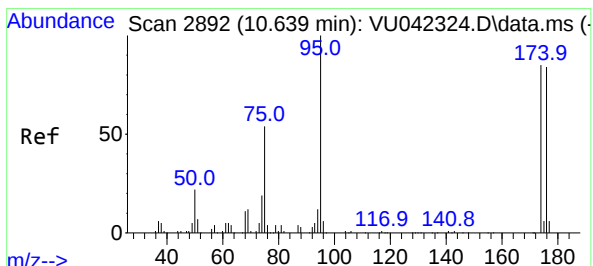
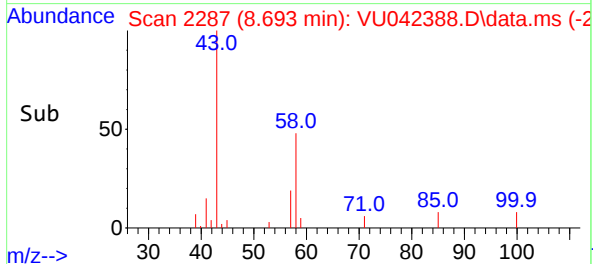
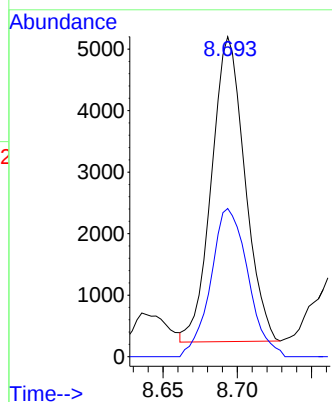
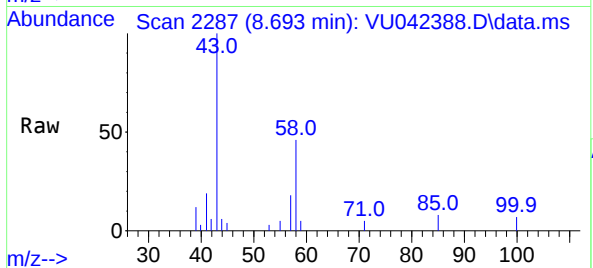




#59
2-Hexanone
Concen: 2.65 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

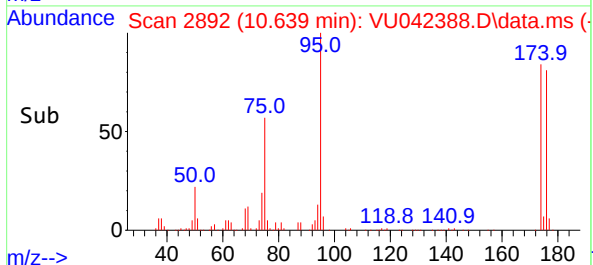
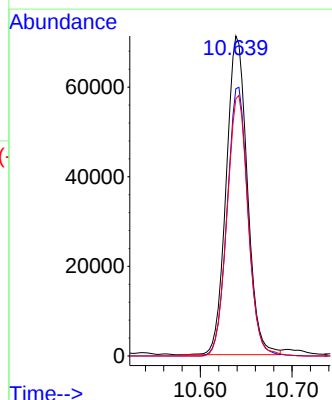
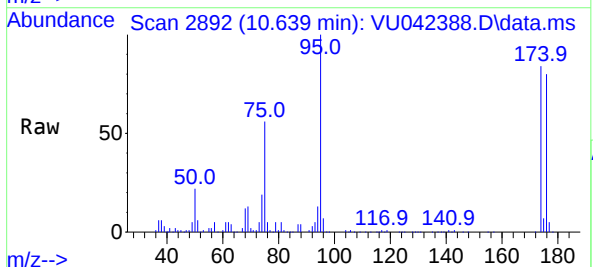
Instrument :
MSVOA_U
ClientSampled :
VCP-BS-1-GW

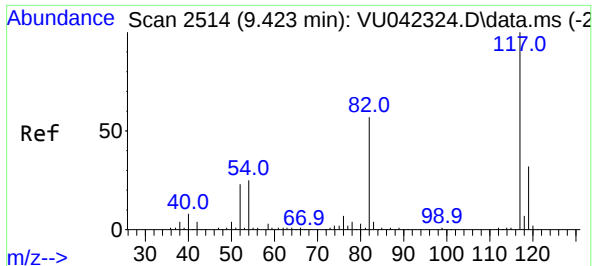
Tgt Ion: 43 Resp: 7733
Ion Ratio Lower Upper
43 100
58 54.1 24.0 72.0



#62
4-Bromofluorobenzene
Concen: 47.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 95 Resp: 113789
Ion Ratio Lower Upper
95 100
174 83.6 0.0 172.2
176 81.5 0.0 168.8

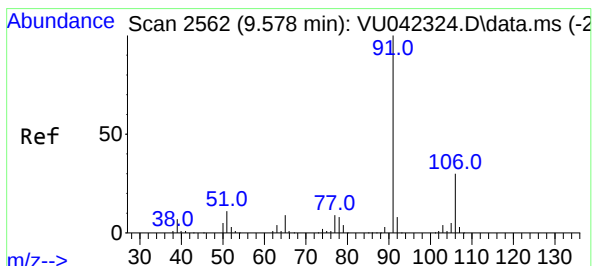
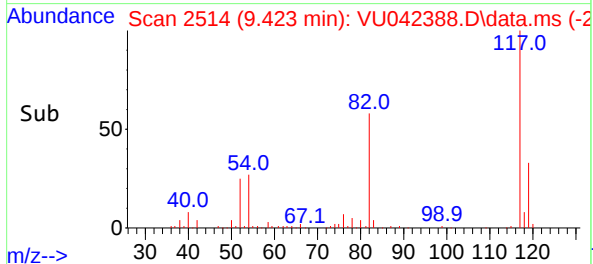
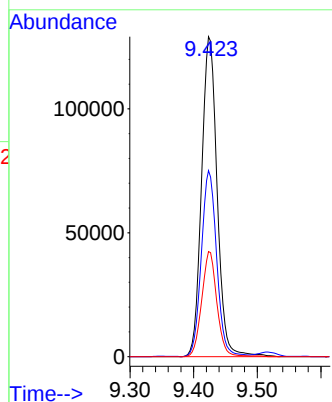
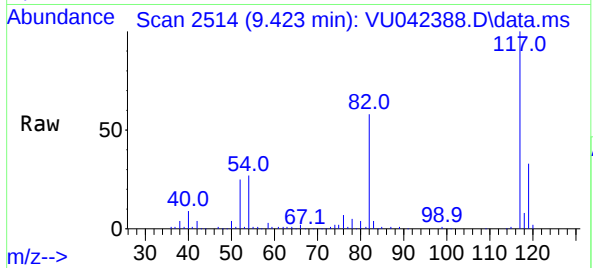




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

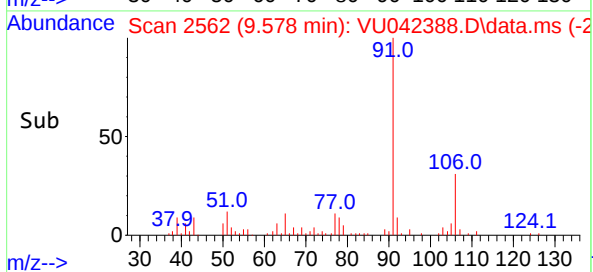
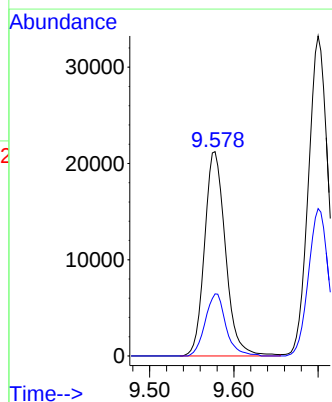
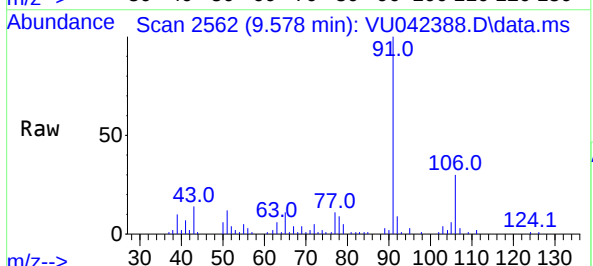
Instrument :
MSVOA_U
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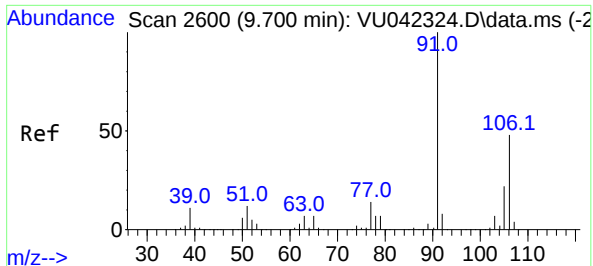
Tgt Ion:117 Resp: 220035
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 32.8 25.8 38.8



#67
Ethyl Benzene
Concen: 4.63 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion: 91 Resp: 36735
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

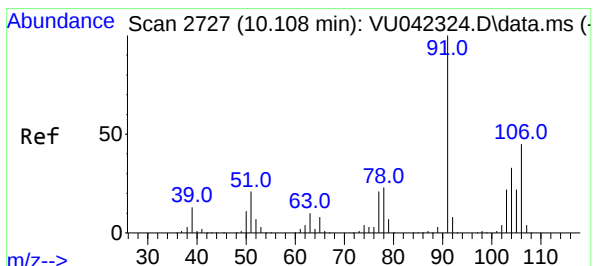
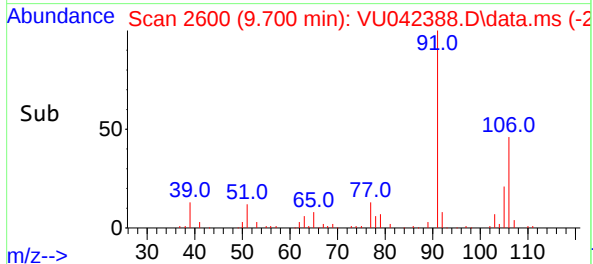
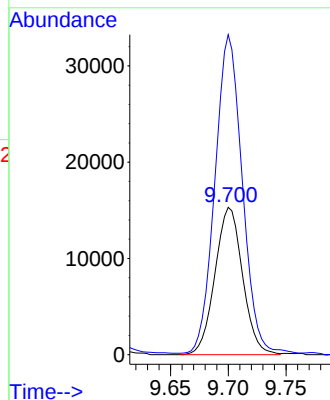
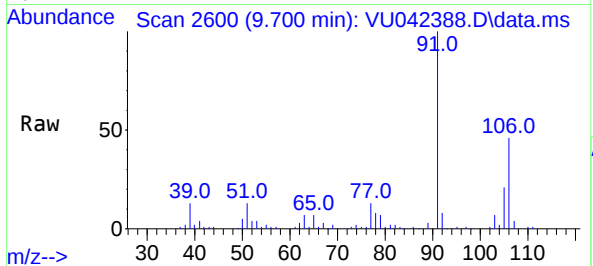




#68
m/p-Xylenes
Concen: 8.69 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

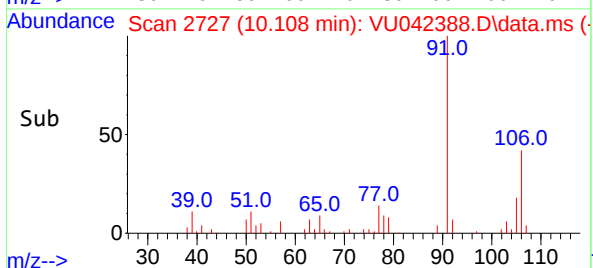
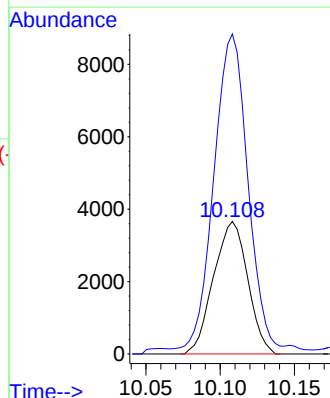
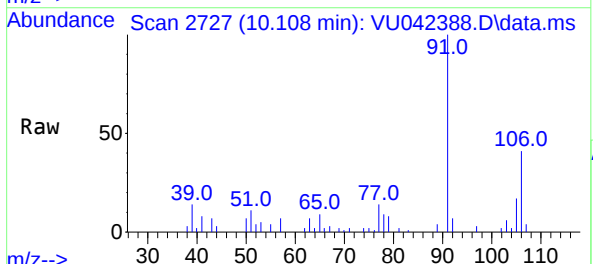
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

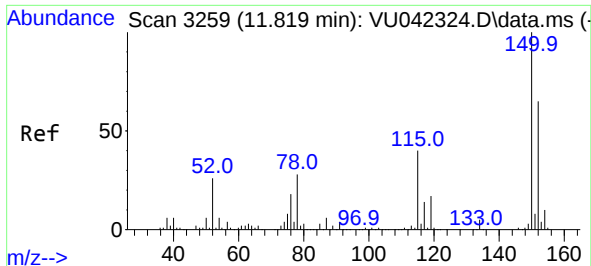
Tgt Ion:106 Resp: 25491
Ion Ratio Lower Upper
106 100
91 213.7 169.9 254.9



#69
o-Xylene
Concen: 2.04 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion:106 Resp: 5857
Ion Ratio Lower Upper
106 100
91 235.9 111.2 333.6

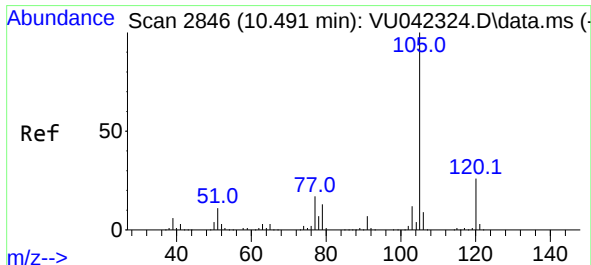
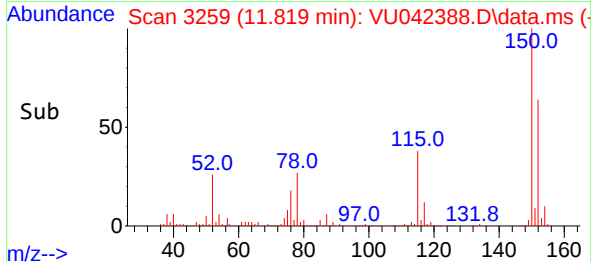
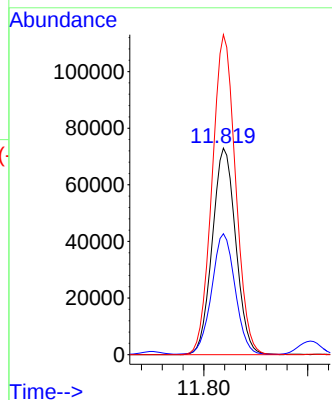
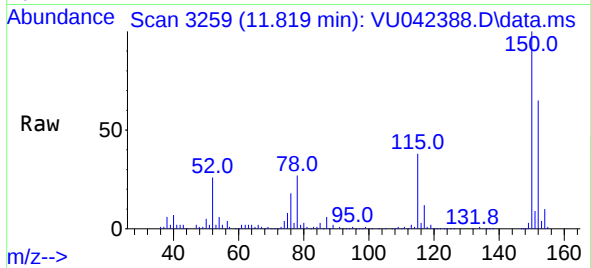




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

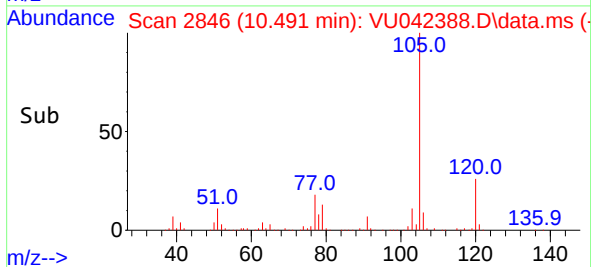
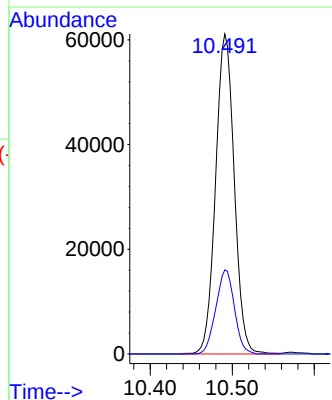
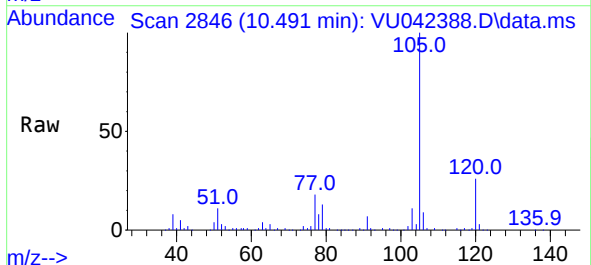
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

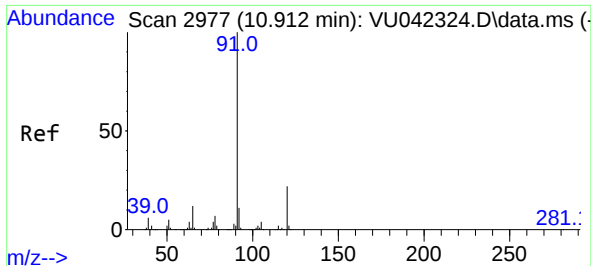
Tgt Ion:152 Resp: 114460
Ion Ratio Lower Upper
152 100
115 58.3 41.5 124.6
150 154.9 0.0 342.4



#73
Isopropylbenzene
Concen: 12.66 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion:105 Resp: 96707
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

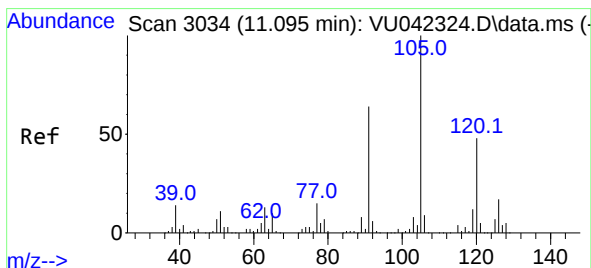
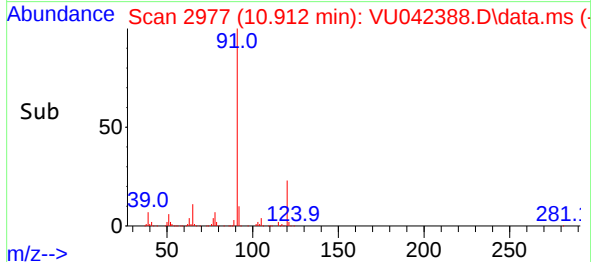
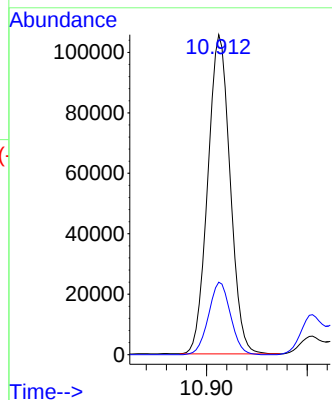
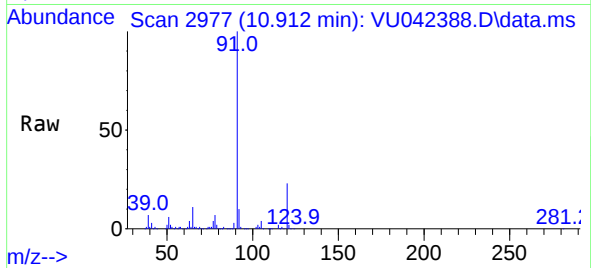




#78
n-propylbenzene
Concen: 18.39 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

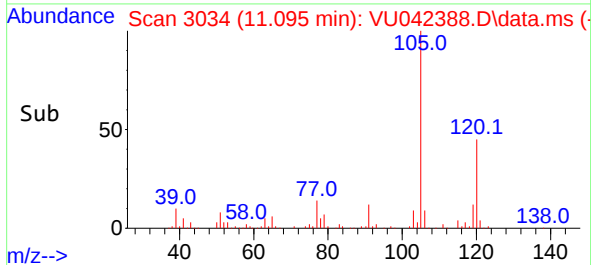
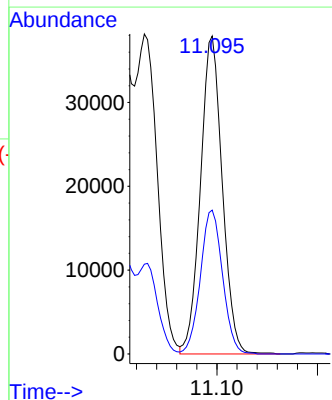
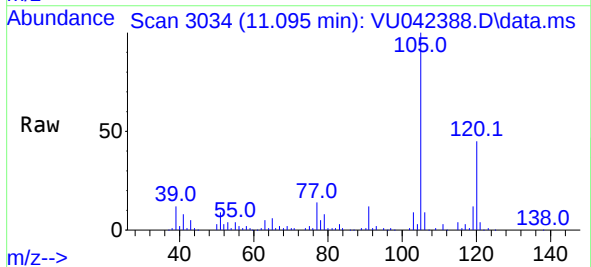
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

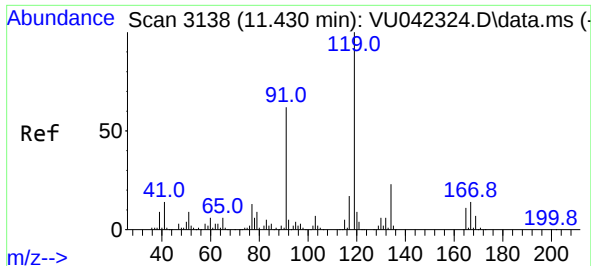
Tgt Ion: 91 Resp: 162543
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 8.71 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion:105 Resp: 57122
Ion Ratio Lower Upper
105 100
120 46.0 23.8 71.4

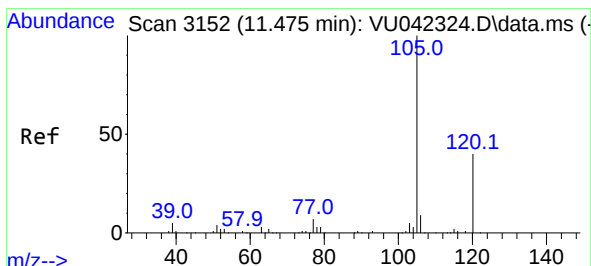
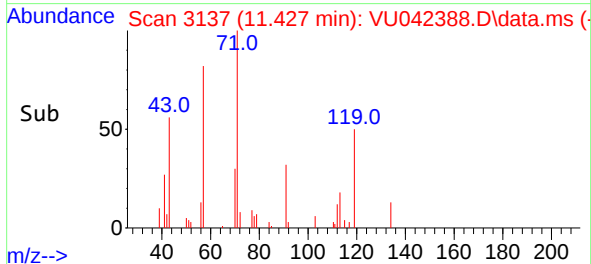
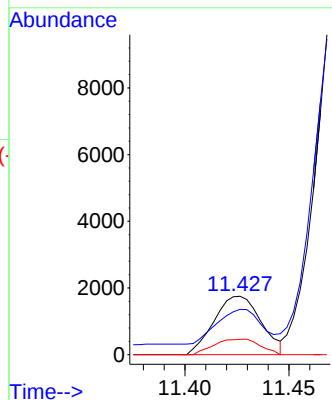
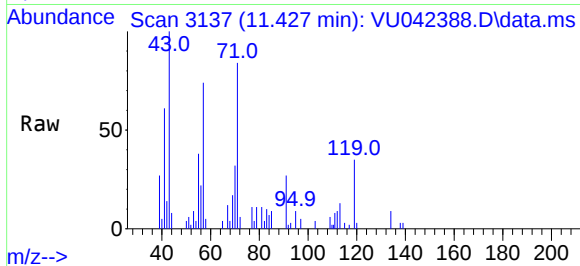




#83
tert-Butylbenzene
Concen: 0.43 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

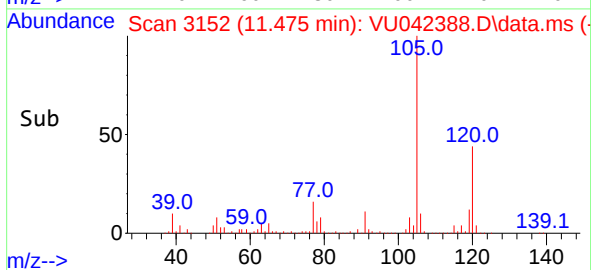
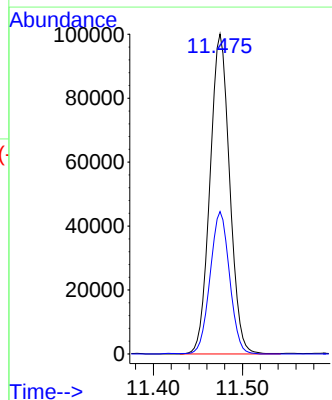
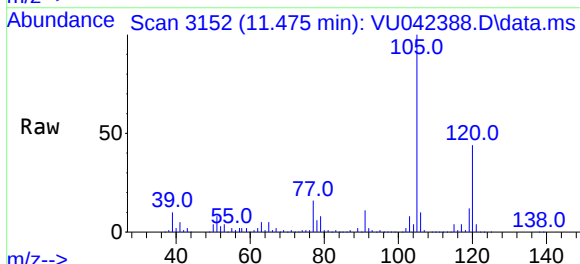
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

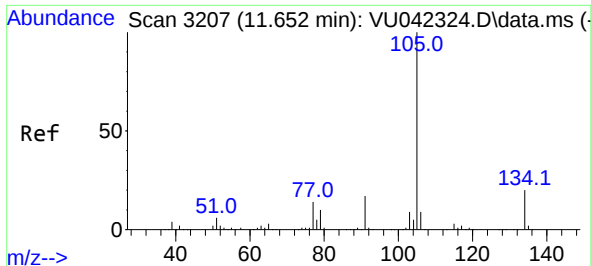
Tgt Ion:119 Resp: 2755
Ion Ratio Lower Upper
119 100
91 54.9 30.3 90.9
134 26.0 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 23.38 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion:105 Resp: 153450
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8

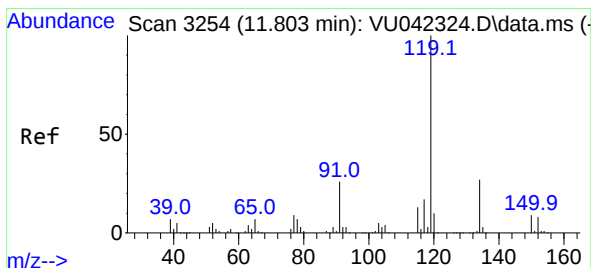
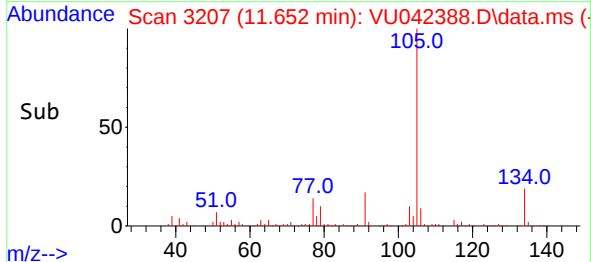
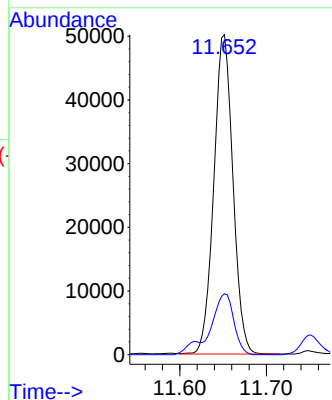
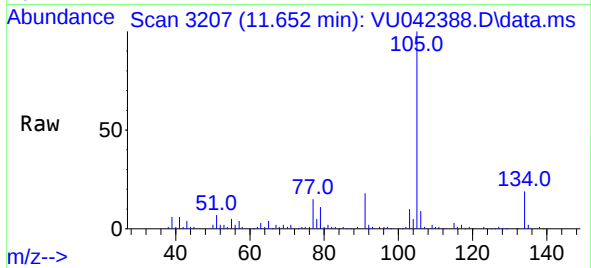




#85
sec-Butylbenzene
Concen: 10.29 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

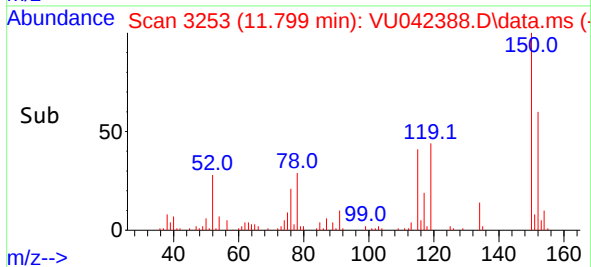
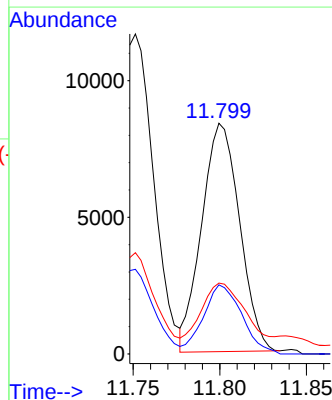
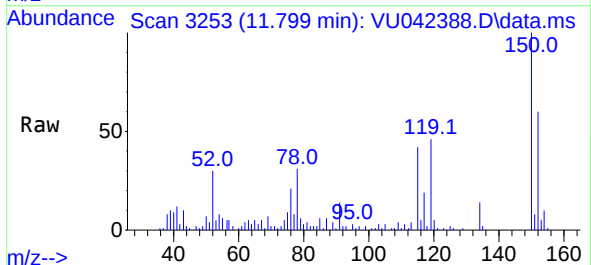
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

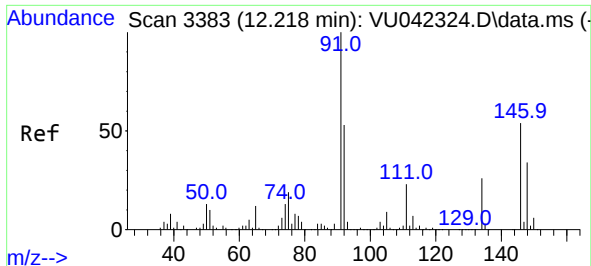
Tgt Ion:105 Resp: 76942
Ion Ratio Lower Upper
105 100
134 20.4 10.0 30.0



#86
p-Isopropyltoluene
Concen: 1.84 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion:119 Resp: 12728
Ion Ratio Lower Upper
119 100
134 30.7 13.2 39.6
91 25.0 12.8 38.3

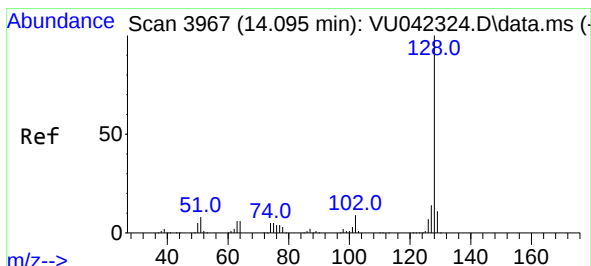
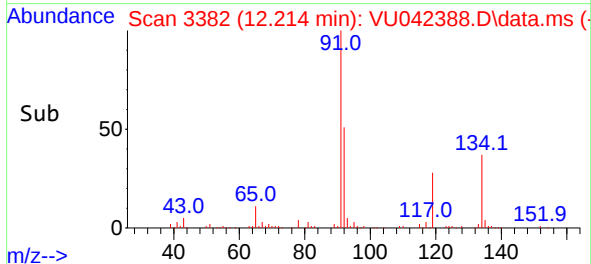
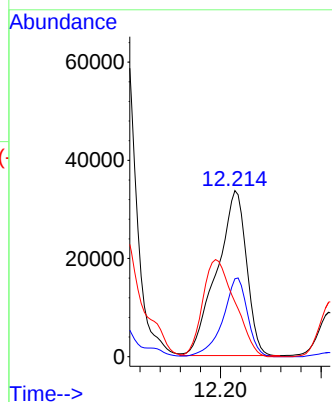
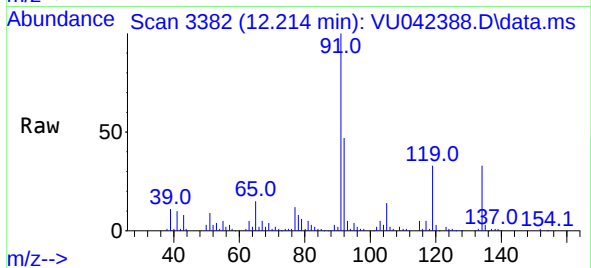




#89
n-Butylbenzene
Concen: 11.36 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-1-GW

Tgt Ion: 91 Resp: 68870
Ion Ratio Lower Upper
91 100
92 39.7 26.2 78.6
134 0.0 12.7 38.1#



#95
Naphthalene
Concen: 21.42 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042388.D
Acq: 22 Feb 2021 12:45

Tgt Ion:128 Resp: 154127
Ion Ratio Lower Upper
128 100
127 14.5 10.8 16.2
129 15.4 8.6 13.0#

