

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042385.D
 Acq On : 22 Feb 2021 11:36
 Operator : SY/MD
 Sample : M1442-04 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 22 13:37:24 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)

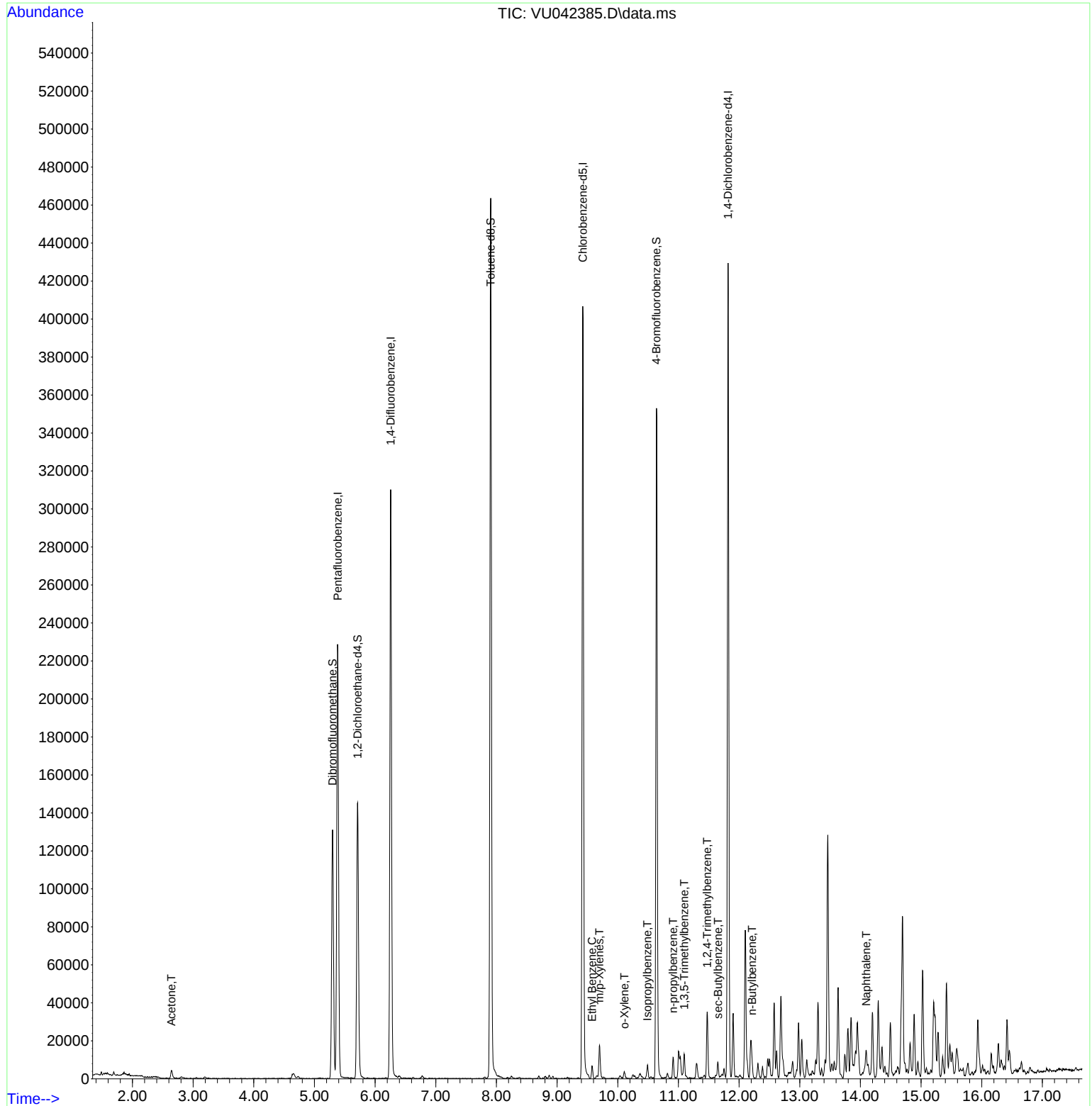
Internal Standards						
1) Pentafluorobenzene	5.382	168	158269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	238502	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	216691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	105031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	115403	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	5.298	113	80677	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	7.906	98	299088	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	10.639	95	106857	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
						Qvalue
16) Acetone	2.642	43	5918	3.98	ug/l	95
67) Ethyl Benzene	9.578	91	4494	0.58	ug/l	97
68) m/p-Xylenes	9.697	106	4561	1.58	ug/l	99
69) o-Xylene	10.111	106	1055	0.37	ug/l	98
73) Isopropylbenzene	10.491	105	4445	0.63	ug/l	98
78) n-propylbenzene	10.912	91	8396	1.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	7163	1.19	ug/l	93
84) 1,2,4-Trimethylbenzene	11.475	105	17931	2.98	ug/l	98
85) sec-Butylbenzene	11.652	105	4979	0.73	ug/l	96
89) n-Butylbenzene	12.214	91	4914	0.88	ug/l #	53
95) Naphthalene	14.095	128	11433	3.77	ug/l #	93

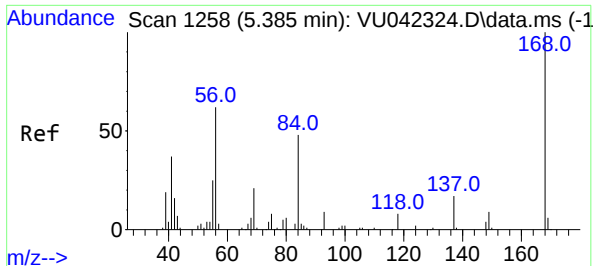
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

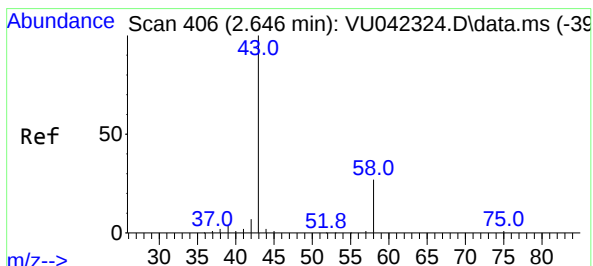
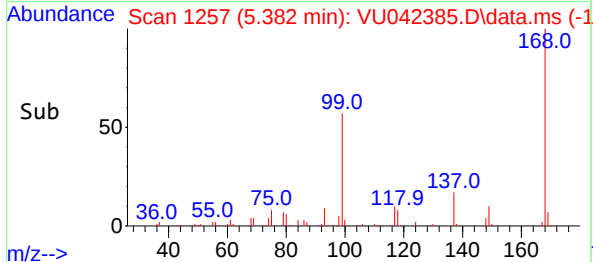
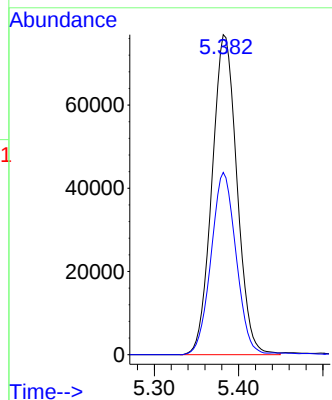
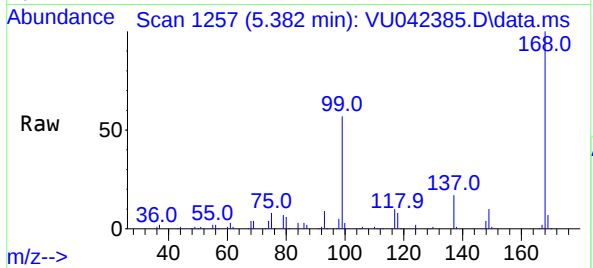




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

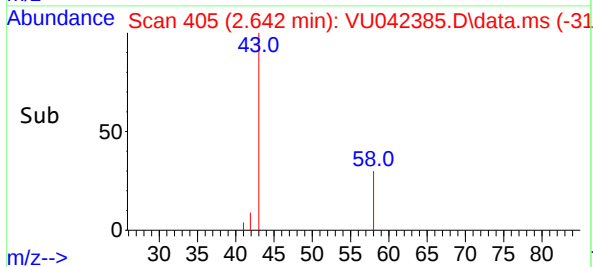
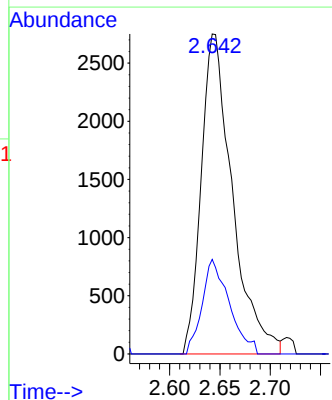
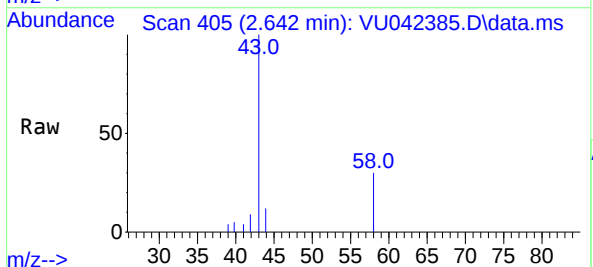
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

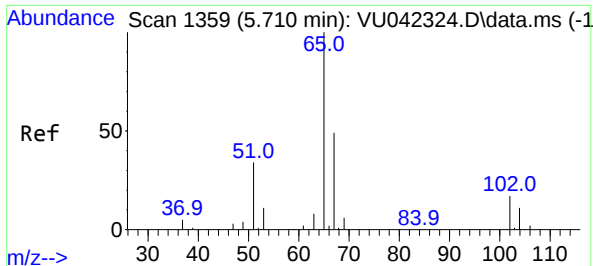
Tgt Ion:168 Resp: 158269
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#16
Acetone
Concen: 3.98 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion: 43 Resp: 5918
Ion Ratio Lower Upper
43 100
58 29.6 21.5 32.3



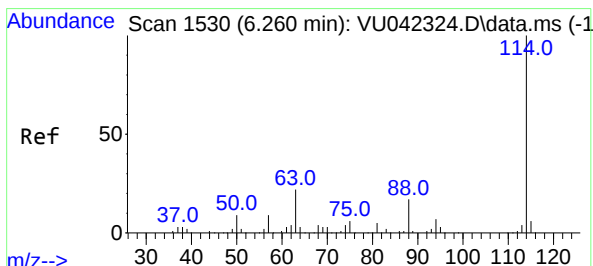
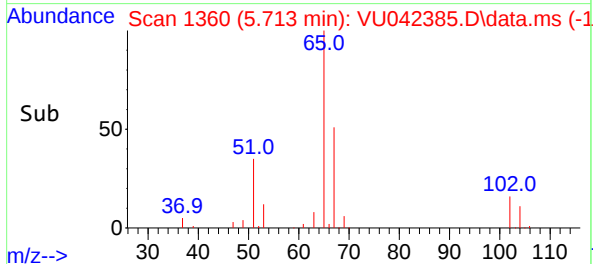
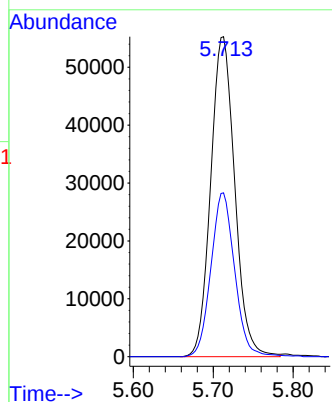
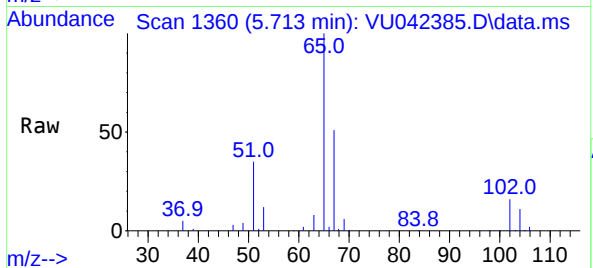


#33

1,2-Dichloroethane-d4
Concen: 48.08 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

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

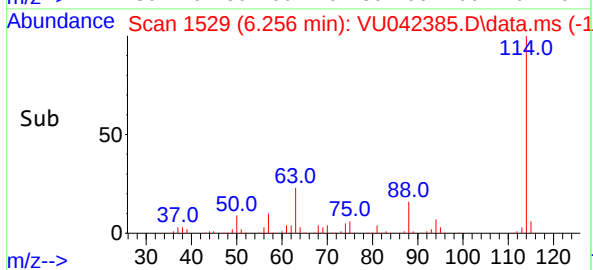
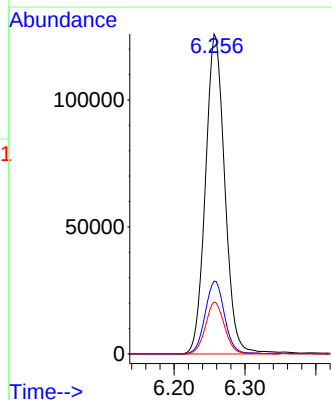
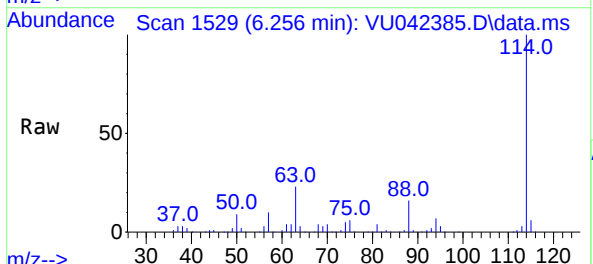
Tgt Ion: 65 Resp: 115403
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

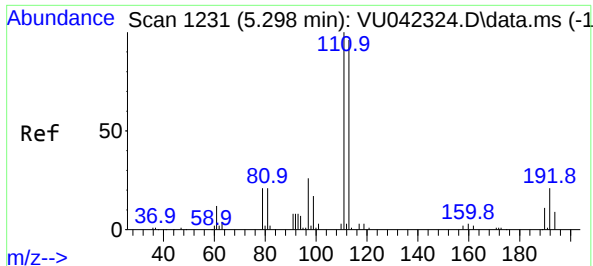


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion: 114 Resp: 238502
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.2
88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.92 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042385.D

Acq: 22 Feb 2021 11:36

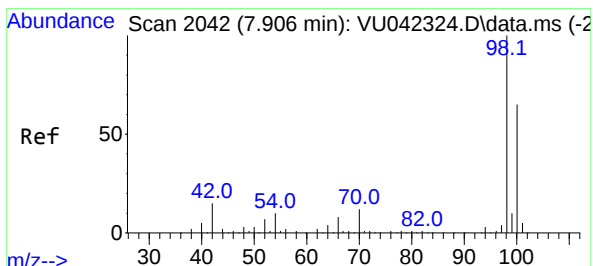
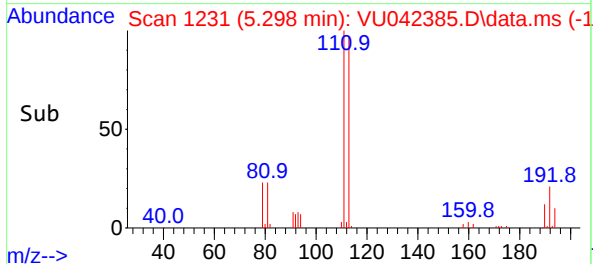
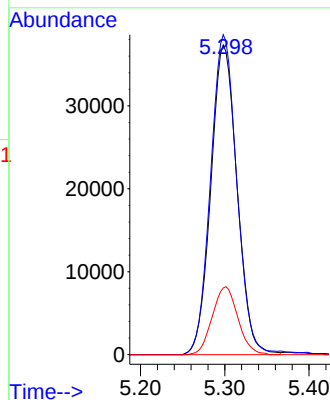
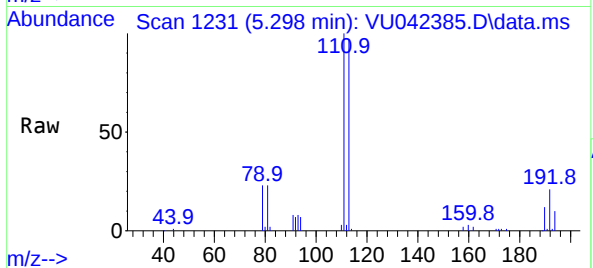
Tgt Ion:113 Resp: 80677

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

192 21.4 17.2 25.8



#50

Toluene-d8

Concen: 49.61 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU042385.D

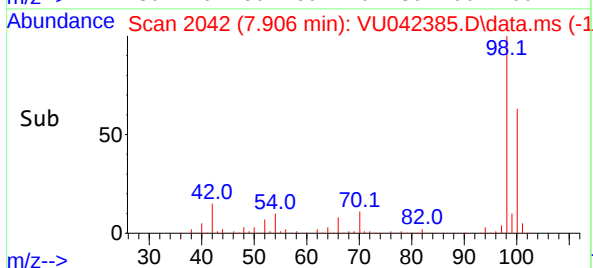
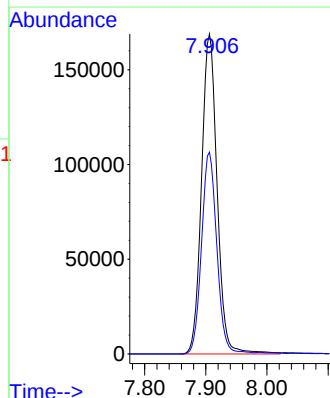
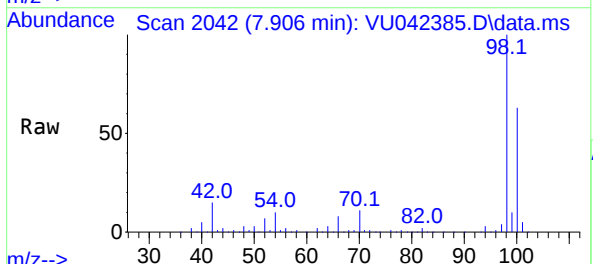
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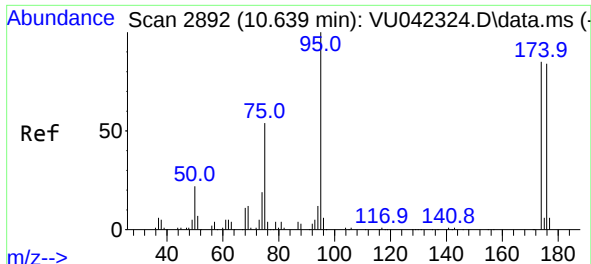
Tgt Ion: 98 Resp: 299088

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.2

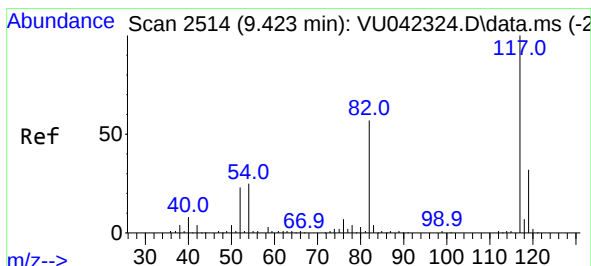
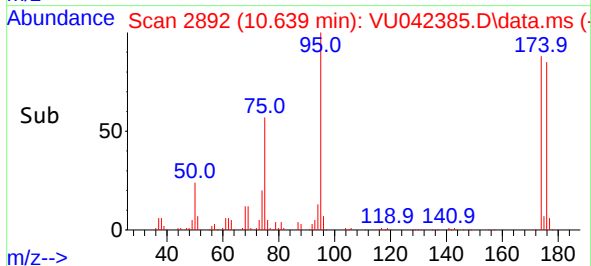
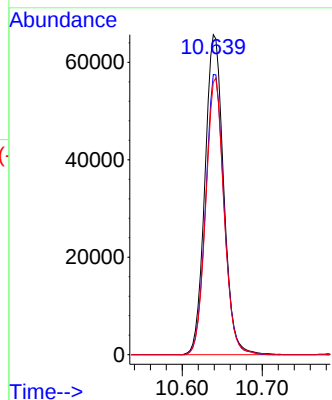
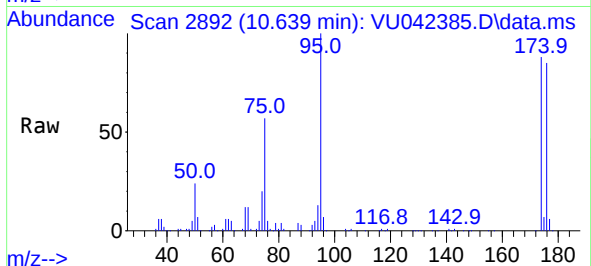




#62
4-Bromofluorobenzene
Concen: 44.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

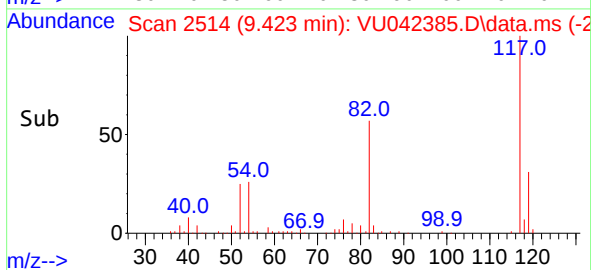
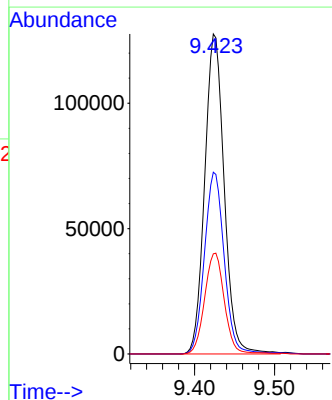
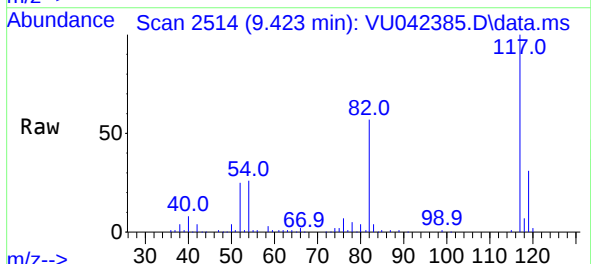
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

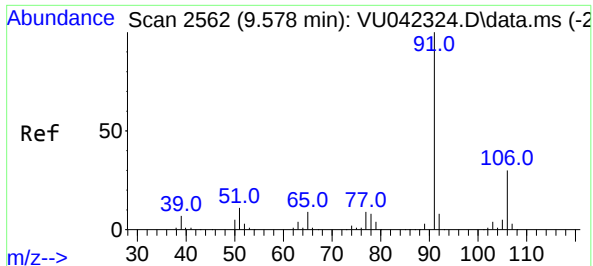
Tgt Ion: 95 Resp: 106857
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 84.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion: 117 Resp: 216691
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.6
119 31.3 25.8 38.8





#67

Ethyl Benzene

Concen: 0.58 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU042385.D

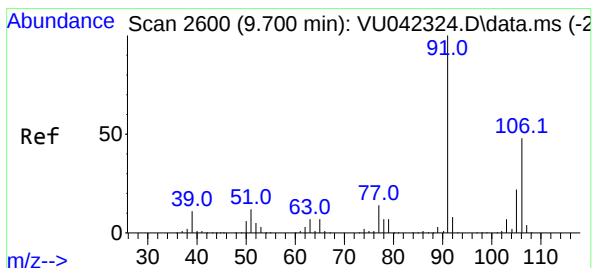
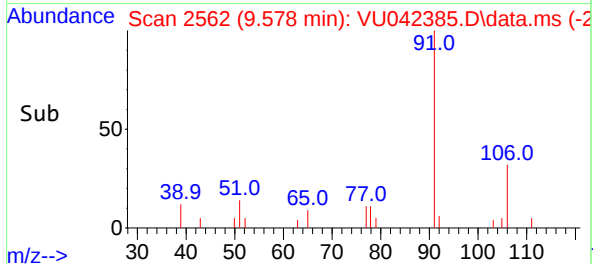
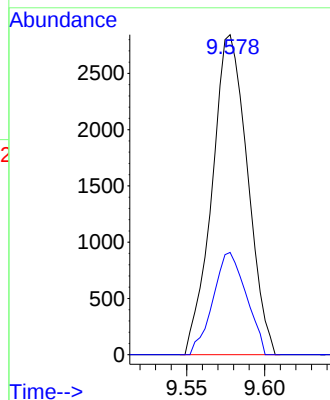
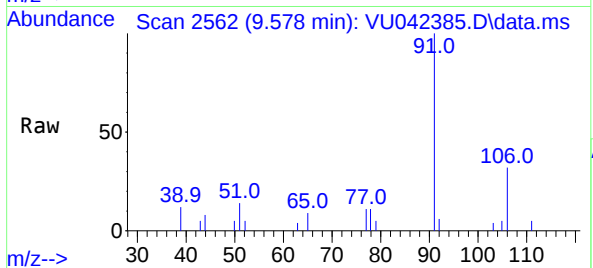
Acq: 22 Feb 2021 11:36

Tgt Ion: 91 Resp: 4494

Ion Ratio Lower Upper

91 100

106 32.0 24.1 36.1



#68

m/p-Xylenes

Concen: 1.58 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.003 min

Lab File: VU042385.D

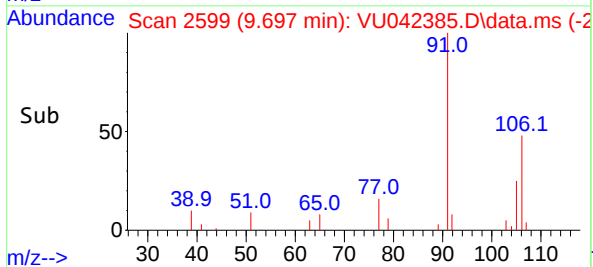
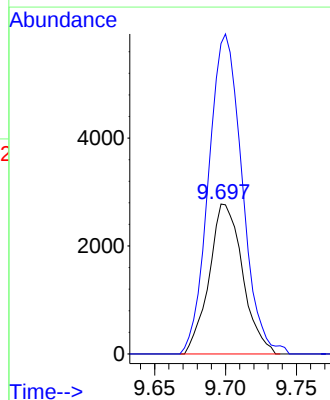
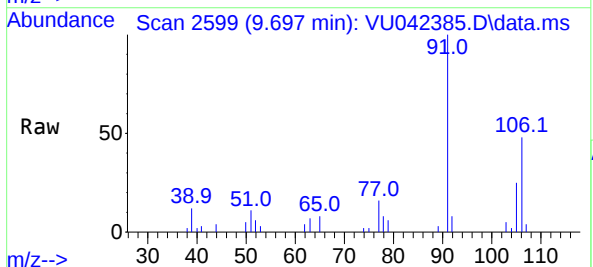
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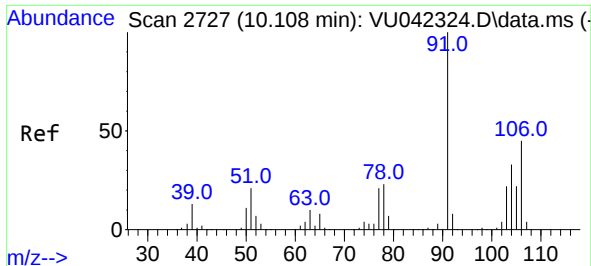
Tgt Ion:106 Resp: 4561

Ion Ratio Lower Upper

106 100

91 213.7 169.9 254.9

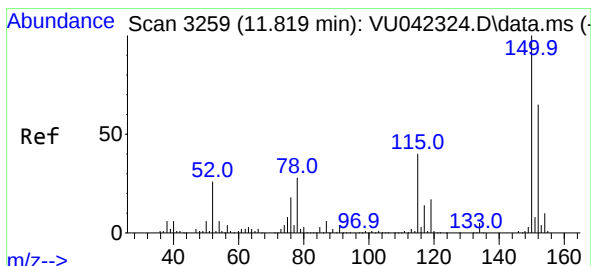
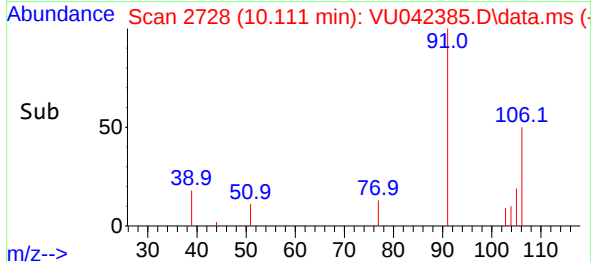
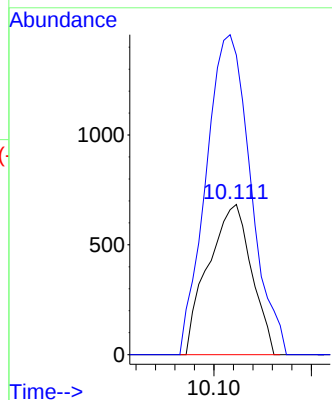
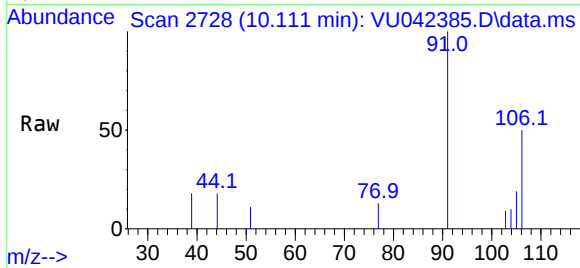




#69
o-Xylene
Concen: 0.37 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

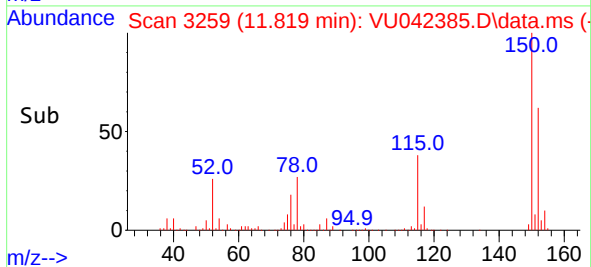
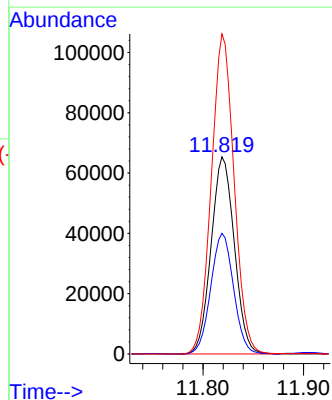
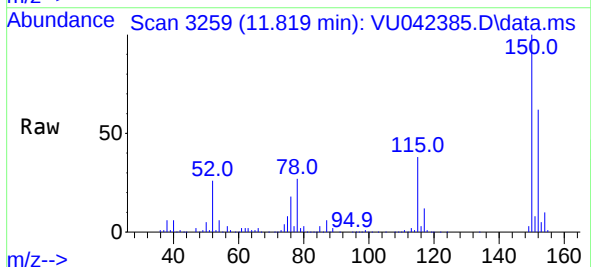
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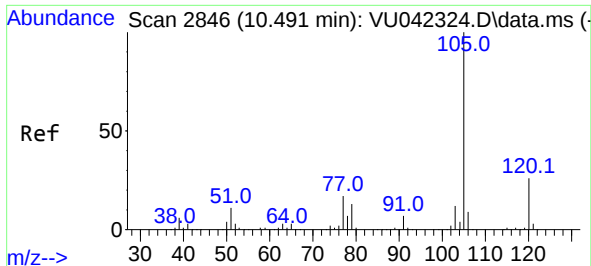
Tgt Ion:106 Resp: 1055
Ion Ratio Lower Upper
106 100
91 219.7 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion:152 Resp: 105031
Ion Ratio Lower Upper
152 100
115 59.9 41.5 124.6
150 158.9 0.0 342.4

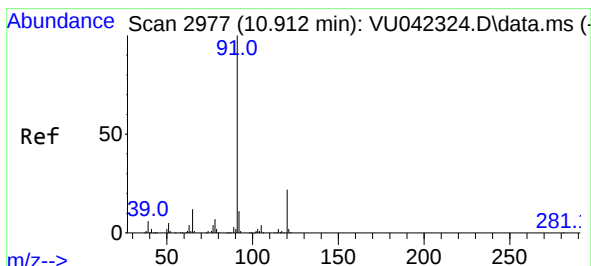
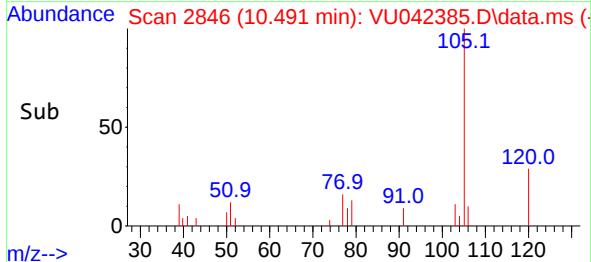
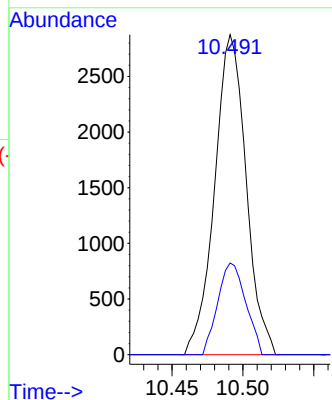
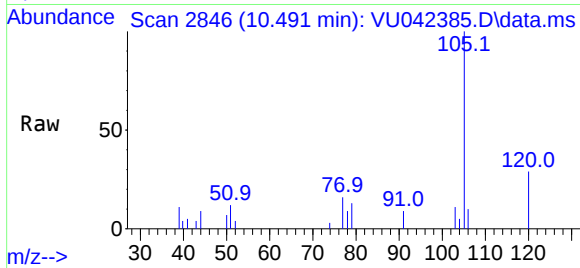




#73
Isopropylbenzene
Concen: 0.63 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

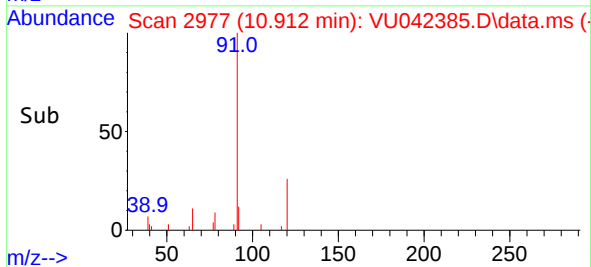
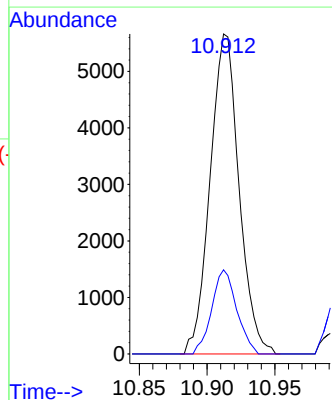
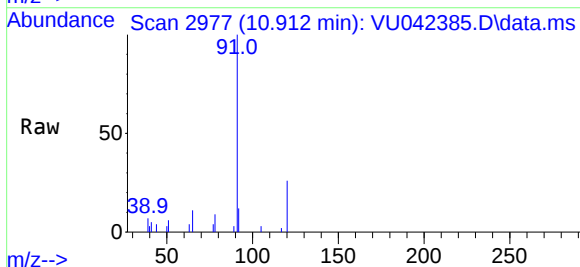
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

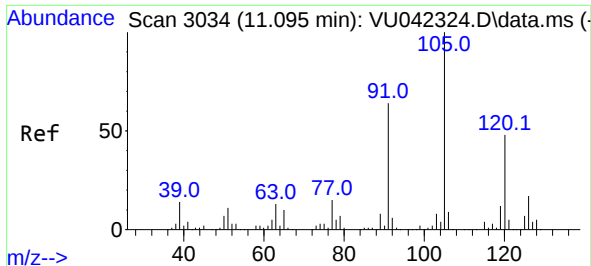
Tgt Ion:105 Resp: 4445
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.3



#78
n-propylbenzene
Concen: 1.04 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion: 91 Resp: 8396
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.6

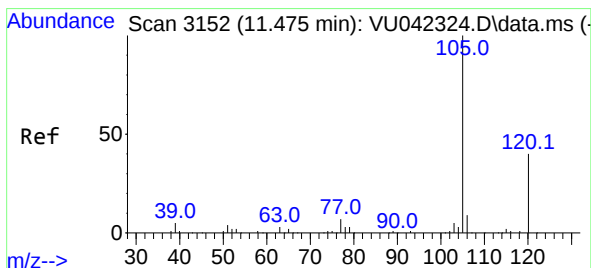
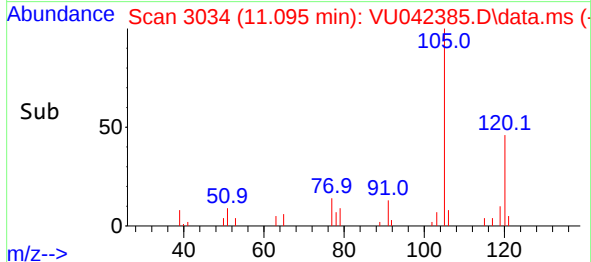
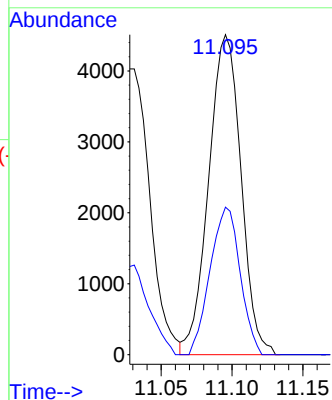
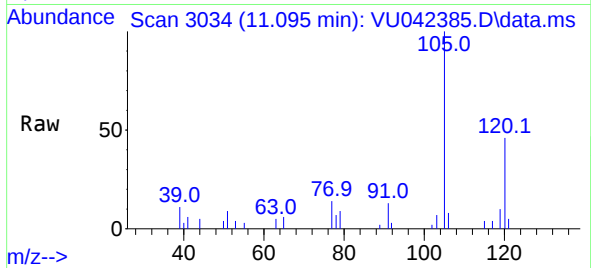




#80
1,3,5-Trimethylbenzene
Concen: 1.19 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

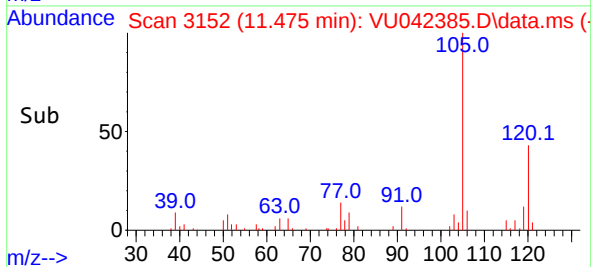
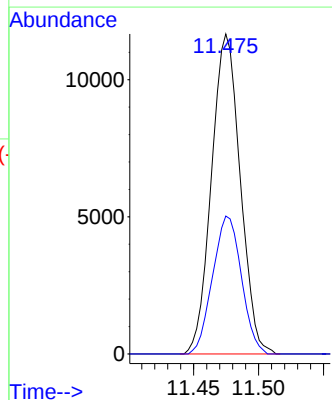
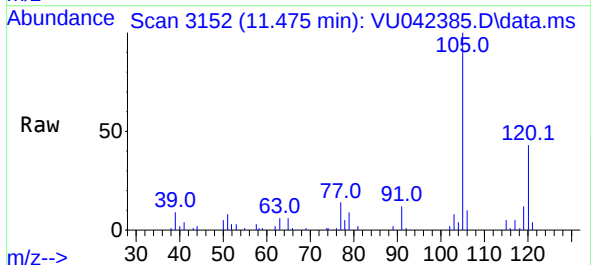
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

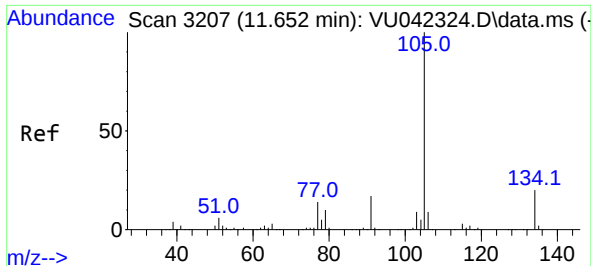
Tgt Ion:105 Resp: 7163
Ion Ratio Lower Upper
105 100
120 42.7 23.8 71.4



#84
1,2,4-Trimethylbenzene
Concen: 2.98 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion:105 Resp: 17931
Ion Ratio Lower Upper
105 100
120 43.1 22.3 66.8

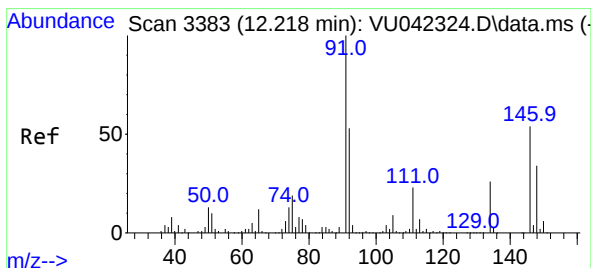
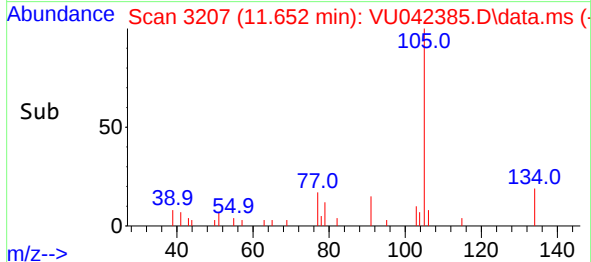
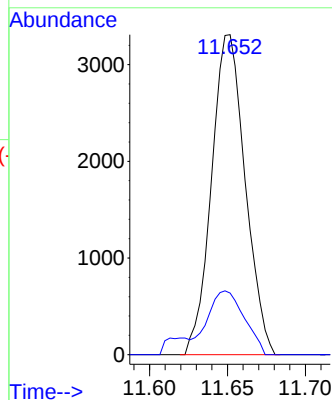
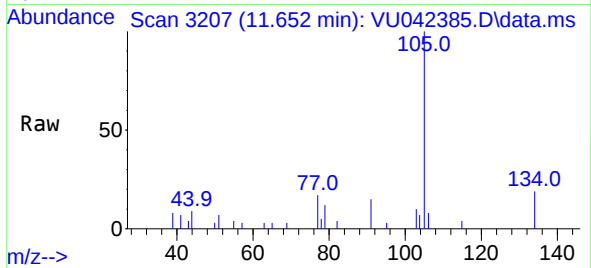




#85
sec-Butylbenzene
Concen: 0.73 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

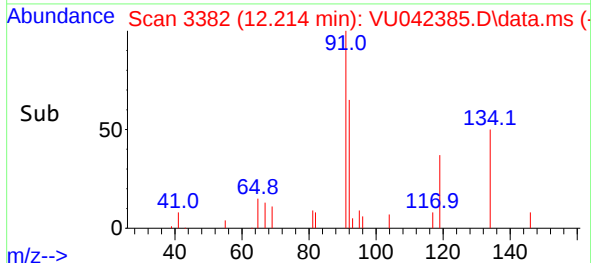
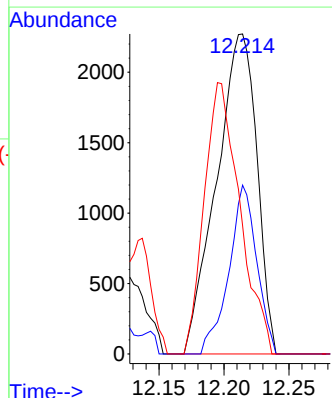
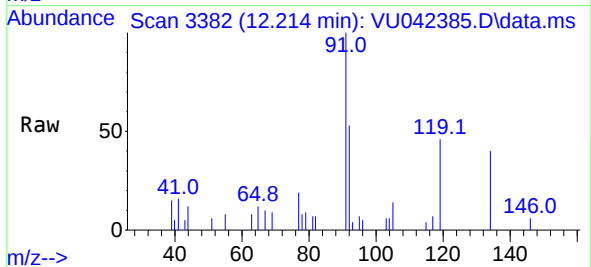
Instrument :
MSVOA_U
ClientSampleId :
VCP-BS-3-GW

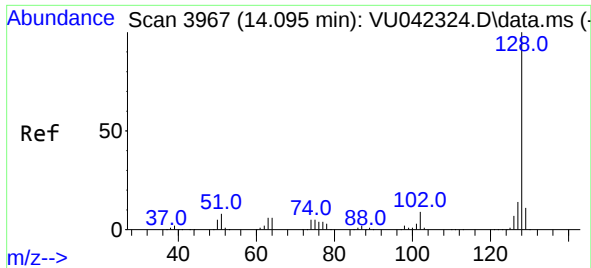
Tgt Ion:105 Resp: 4979
Ion Ratio Lower Upper
105 100
134 21.9 10.0 30.0



#89
n-Butylbenzene
Concen: 0.88 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

Tgt Ion: 91 Resp: 4914
Ion Ratio Lower Upper
91 100
92 36.4 26.2 78.6
134 74.6 12.7 38.1#





#95
Naphthalene
Concen: 3.77 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042385.D
Acq: 22 Feb 2021 11:36

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

Tgt Ion:128 Resp: 11433
Ion Ratio Lower Upper
128 100
127 15.0 10.8 16.2
129 14.7 8.6 13.0#

