

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045009.D
 Acq On : 29 Sep 2021 21:34
 Operator : SY/MD
 Sample : M3926-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-2-0921

Quant Time: Sep 30 04:34:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

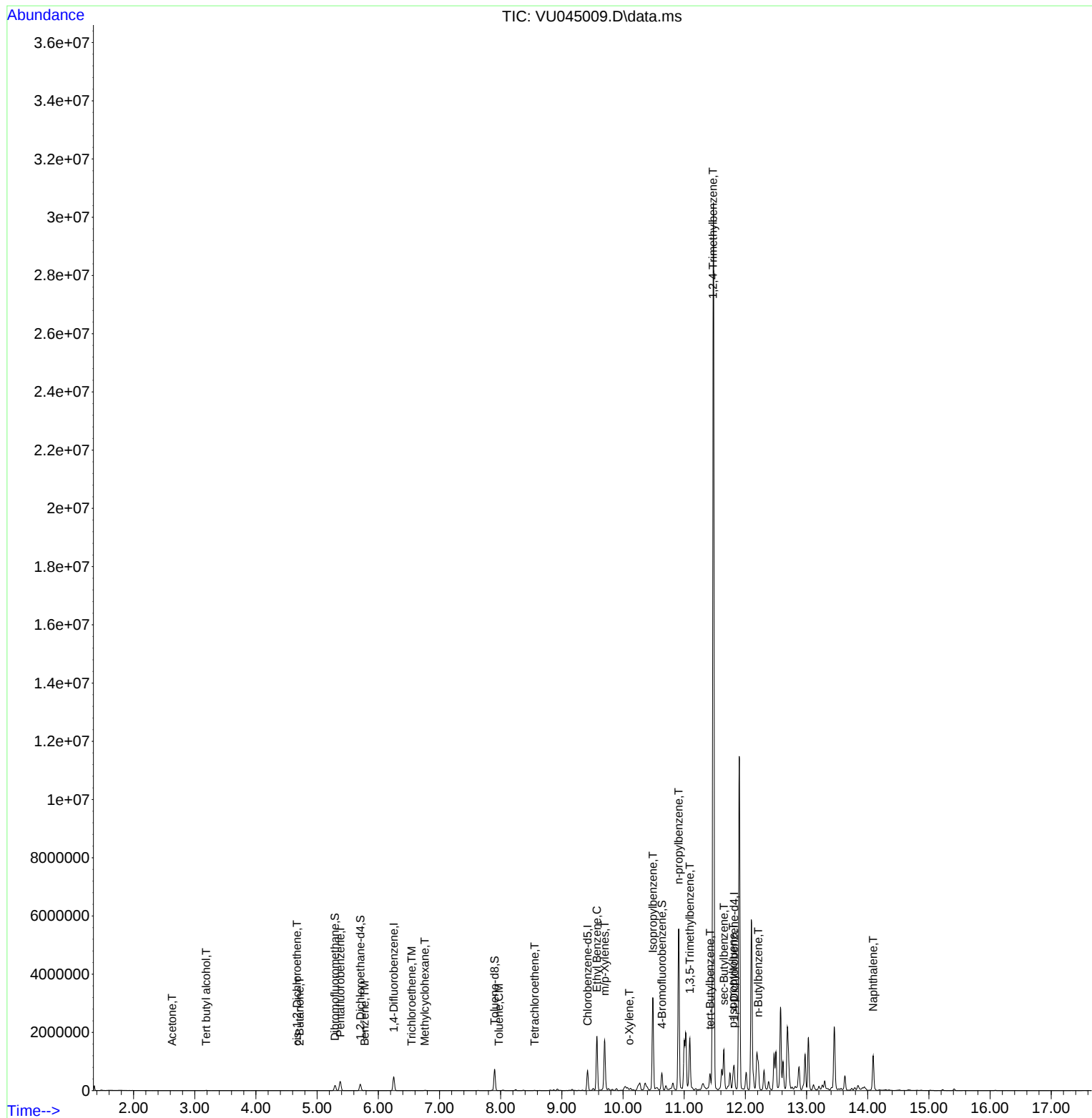
Internal Standards						
1) Pentafluorobenzene	5.379	168	205180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	368170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	349452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	174133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	163985	48.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.02%		
35) Dibromofluoromethane	5.292	113	113939	49.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.12%		
50) Toluene-d8	7.903	98	469214	51.13	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.26%		
62) 4-Bromofluorobenzene	10.636	95	182930	48.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.56%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.189	59	10212	10.42	ug/l #	93
16) Acetone	2.629	43	5440	2.68	ug/l	99
25) 2-Butanone	4.713	43	5007	1.74	ug/l	97
27) cis-1,2-Dichloroethene	4.671	96	1773	0.56	ug/l	92
39) Methylcyclohexane	6.761	83	4625	0.98	ug/l	97
40) Benzene	5.777	78	5824	0.51	ug/l	99
44) Trichloroethene	6.546	130	1464	0.54	ug/l	99
52) Toluene	7.973	92	1614	0.22	ug/l	98
64) Tetrachloroethene	8.555	164	1981	0.87	ug/l	96
67) Ethyl Benzene	9.575	91	1274224	94.51	ug/l	100
68) m/p-Xylenes	9.700	106	440348	84.07	ug/l	100
69) o-Xylene	10.102	106	5729	1.10	ug/l	74
73) Isopropylbenzene	10.488	105	2000082	154.24	ug/l	99
78) n-propylbenzene	10.909	91	4173156	264.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	916792	80.70	ug/l	100
83) tert-Butylbenzene	11.423	119	165322	14.96	ug/l	88
84) 1,2,4-Trimethylbenzene	11.472	105	15038359	1338.08	ug/l	93
85) sec-Butylbenzene	11.648	105	861371	60.53	ug/l	99
86) p-Isopropyltoluene	11.800	119	208808	18.24	ug/l	99
89) n-Butylbenzene	12.211	91	525419	49.84	ug/l #	74
95) Naphthalene	14.089	128	908085	70.68	ug/l	99

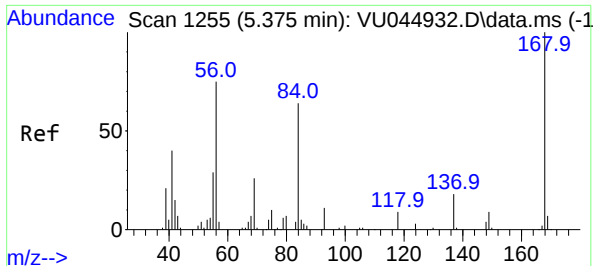
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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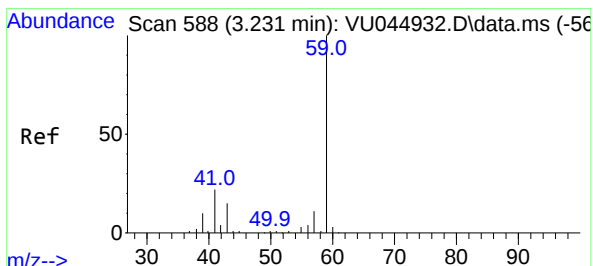
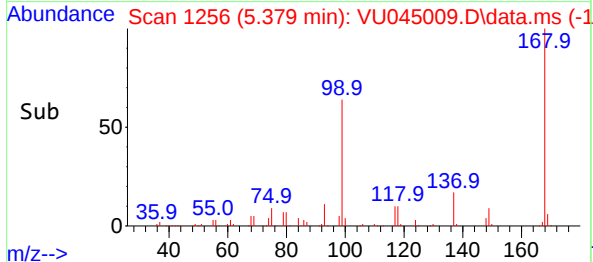
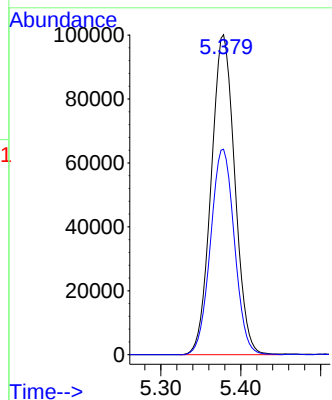
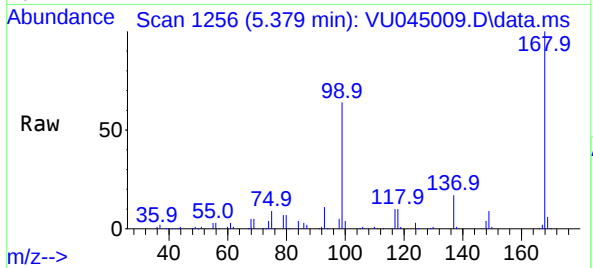




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

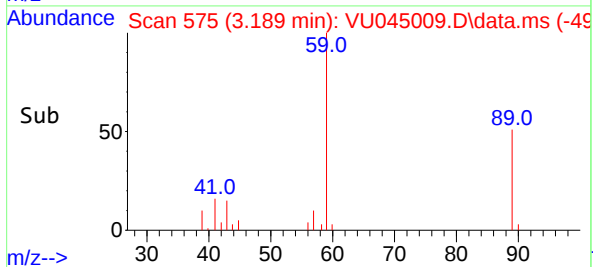
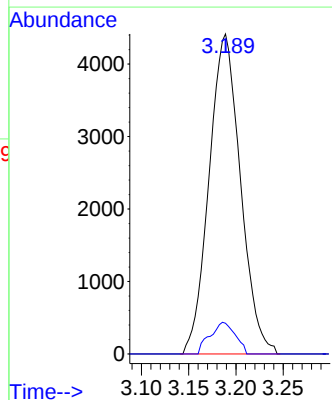
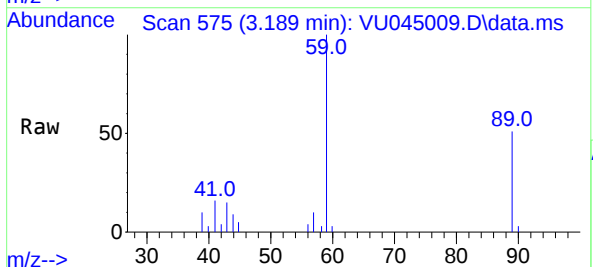
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

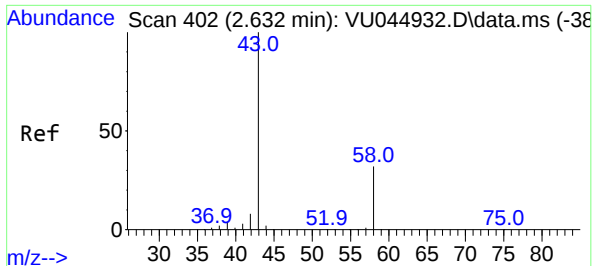
Tgt Ion:168 Resp: 205180
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#11
Tert butyl alcohol
Concen: 10.42 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.042 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 59 Resp: 10212
Ion Ratio Lower Upper
59 100
57 7.9 8.3 12.5#

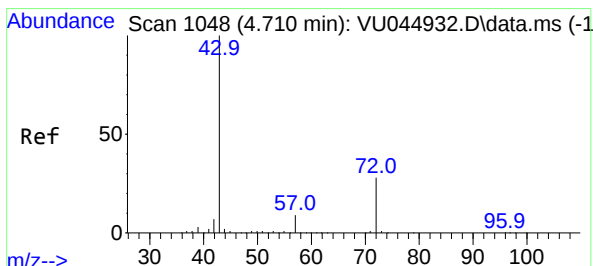
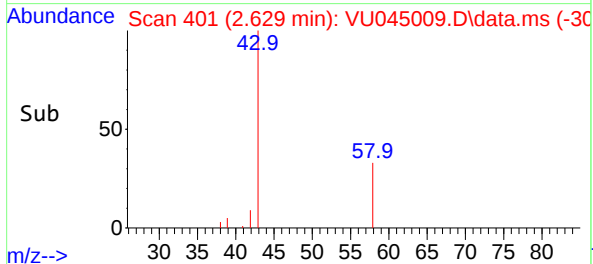
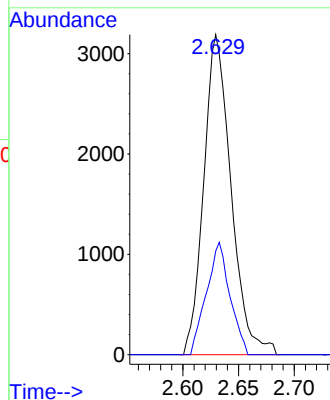
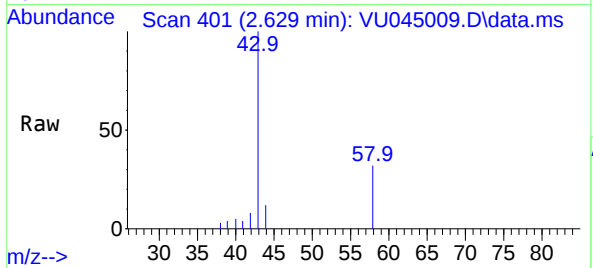




#16
Acetone
Concen: 2.68 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

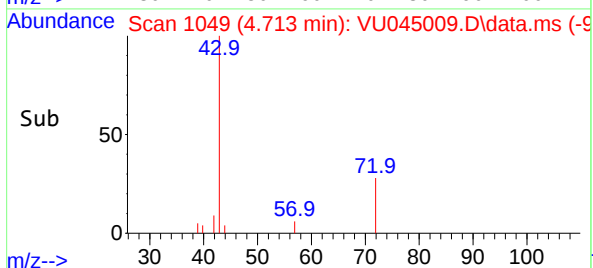
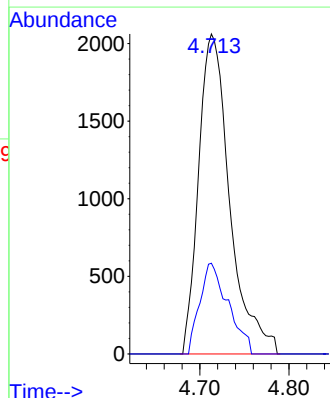
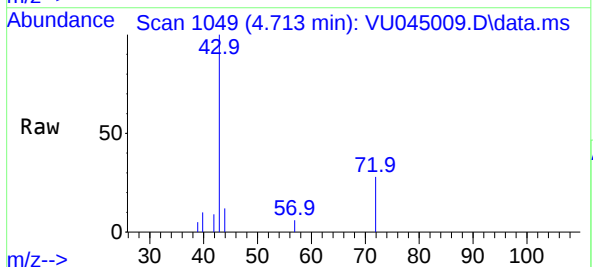
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

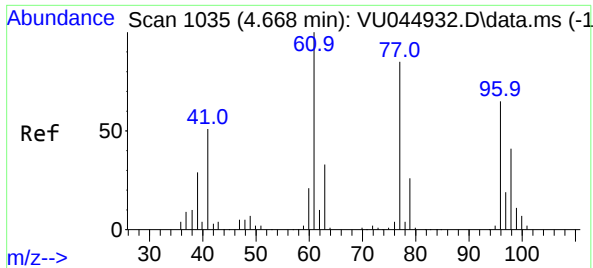
Tgt Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
58 32.3 25.2 37.8



#25
2-Butanone
Concen: 1.74 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 43 Resp: 5007
Ion Ratio Lower Upper
43 100
72 28.4 21.3 31.9



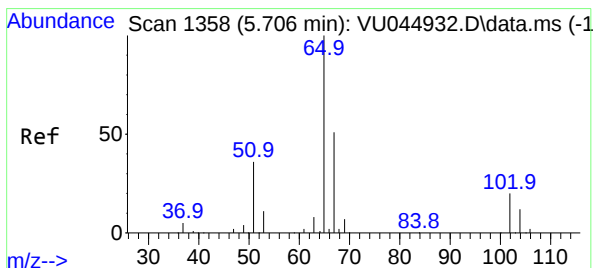
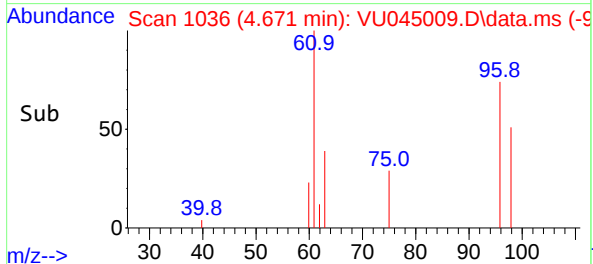
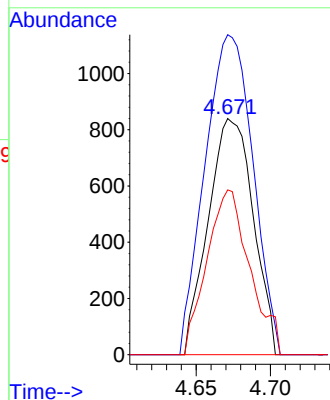
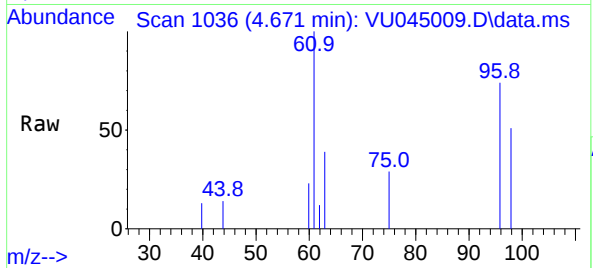


#27
cis-1,2-Dichloroethene
Concen: 0.56 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

Tgt Ion: 96 Resp: 1773

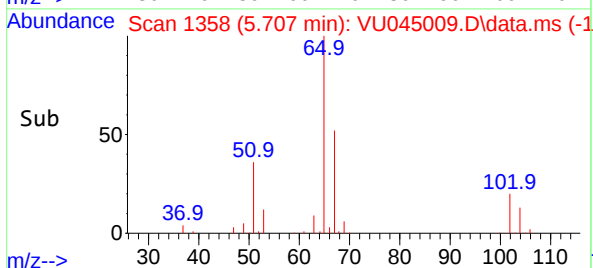
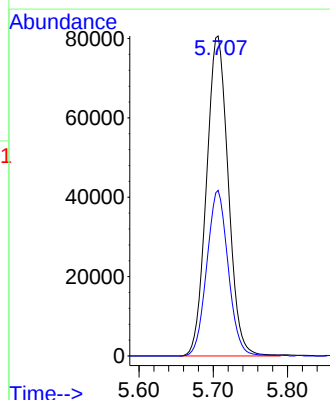
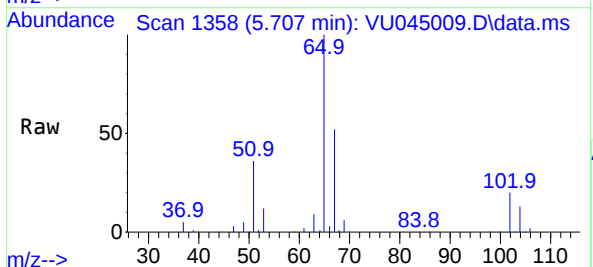
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	313.4
98	66.4	0.0	127.0

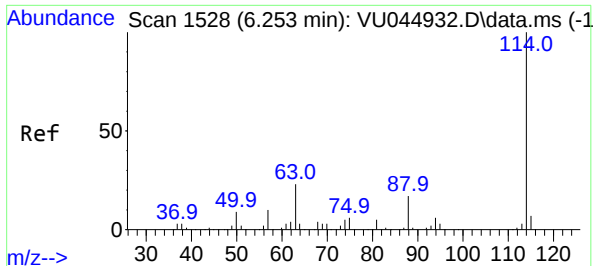


#33
1,2-Dichloroethane-d4
Concen: 48.01 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 65 Resp: 163985

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.8

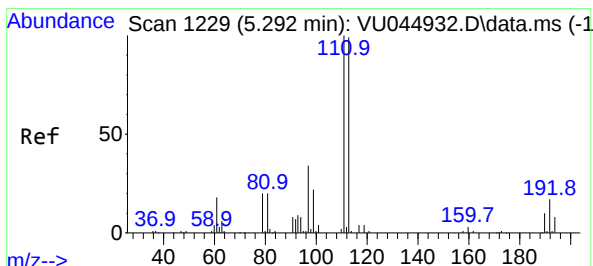
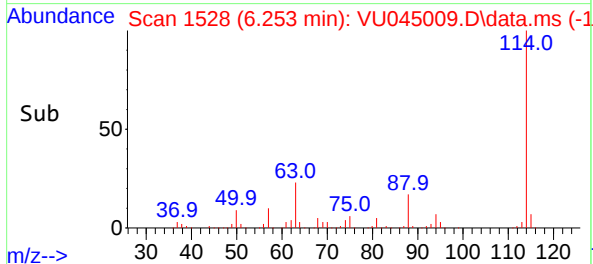
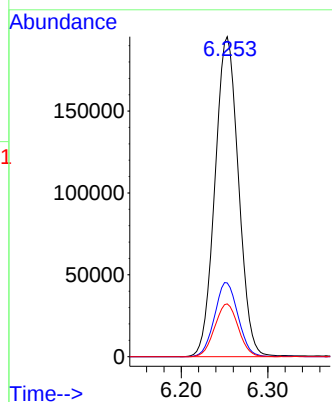
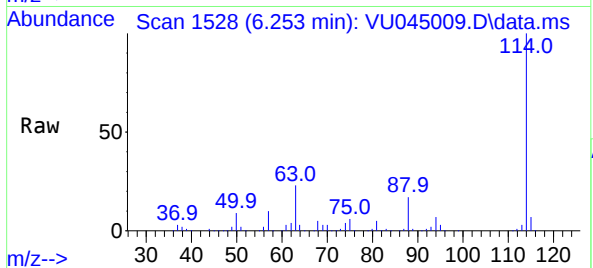




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

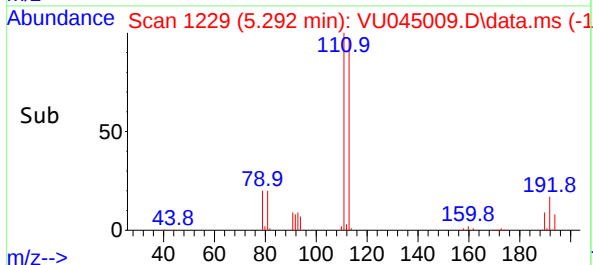
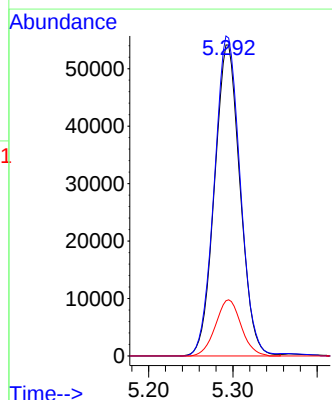
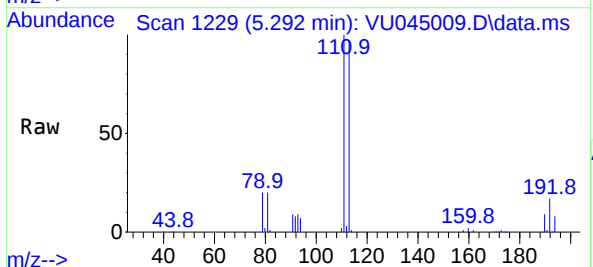
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

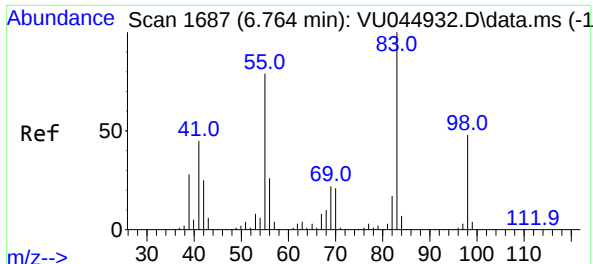
Tgt Ion:114 Resp: 368170
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.06 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion:113 Resp: 113939
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 18.1 14.8 22.2





#39

Methylcyclohexane

Concen: 0.98 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU045009.D

Acq: 29 Sep 2021 21:34

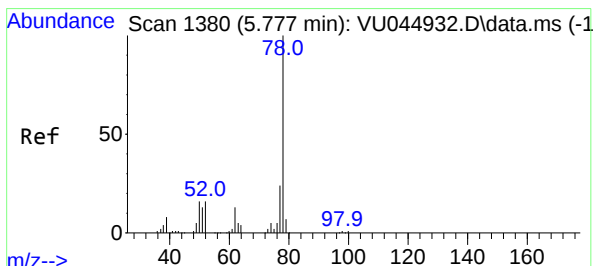
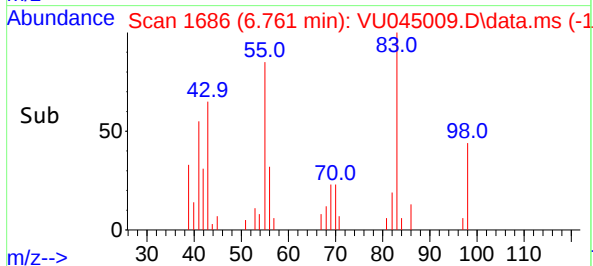
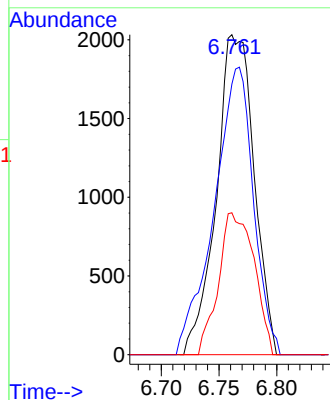
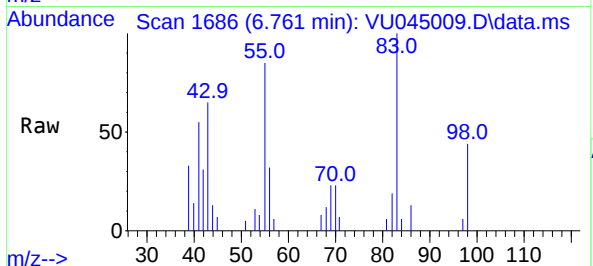
Instrument :

MSVOA_U

ClientSampleId :

EP-1-MW-2-0921

Tgt Ion:	83	Resp:	4625
Ion	Ratio	Lower	Upper
83	100		
55	84.6	66.2	99.4
98	44.4	37.5	56.3



#40

Benzene

Concen: 0.51 ug/l

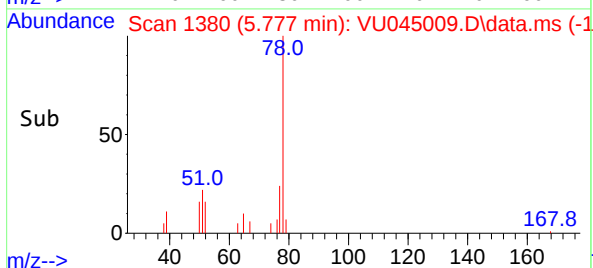
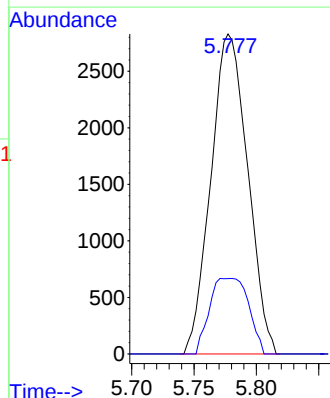
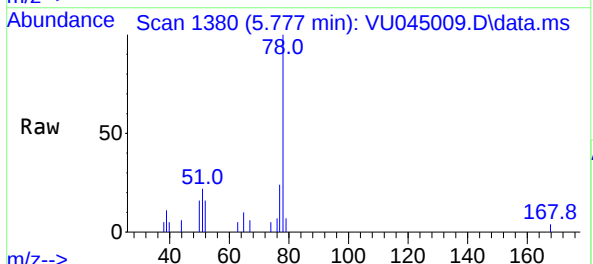
RT: 5.777 min Scan# 1380

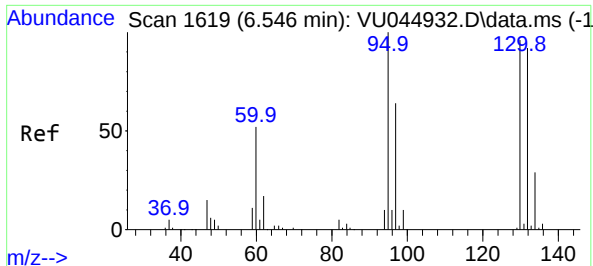
Delta R.T. 0.000 min

Lab File: VU045009.D

Acq: 29 Sep 2021 21:34

Tgt Ion:	78	Resp:	5824
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7

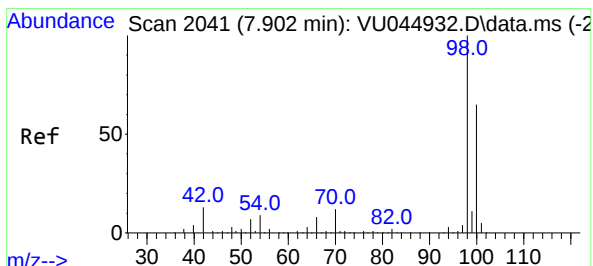
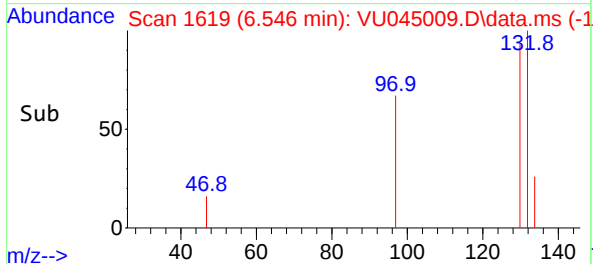
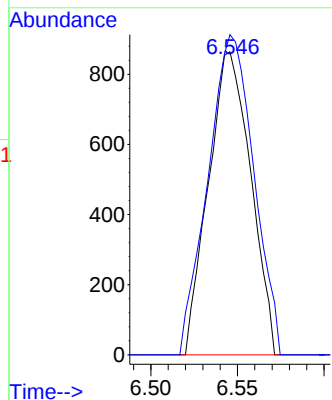
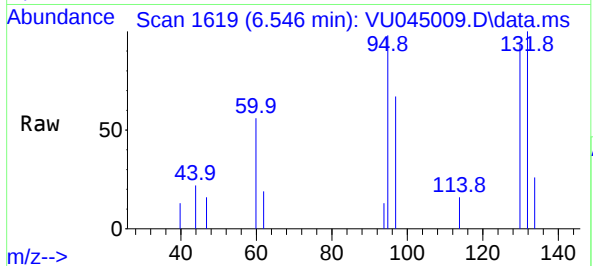




#44
Trichloroethene
Concen: 0.54 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

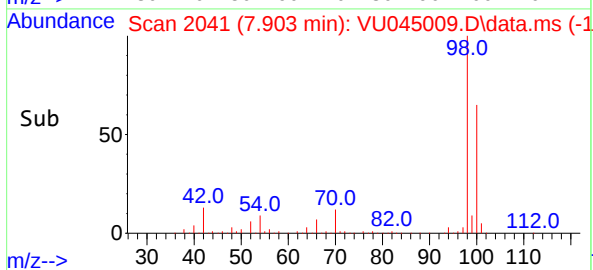
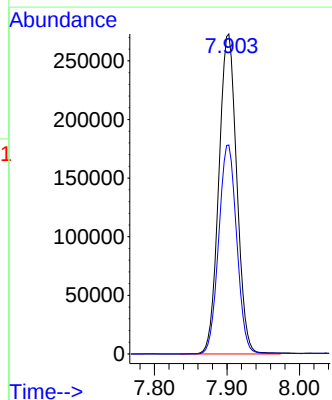
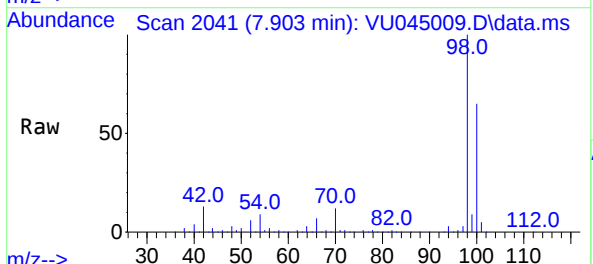
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MSVOA_U
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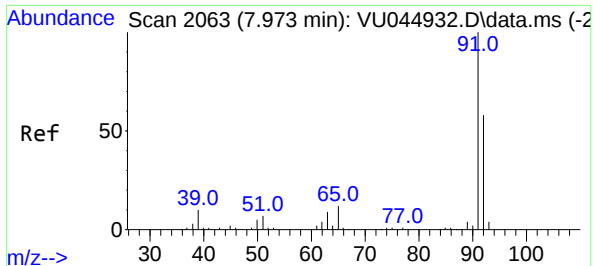
Tgt Ion:130 Resp: 1464
Ion Ratio Lower Upper
130 100
95 105.7 0.0 209.0



#50
Toluene-d8
Concen: 51.13 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 98 Resp: 469214
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

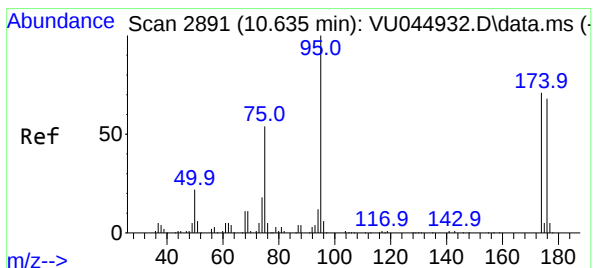
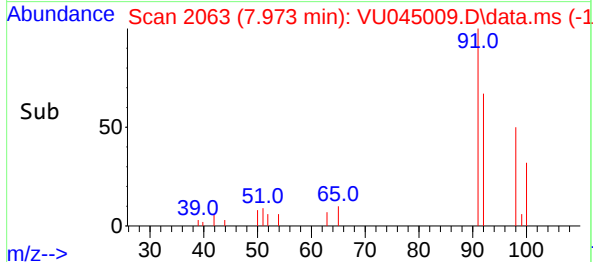
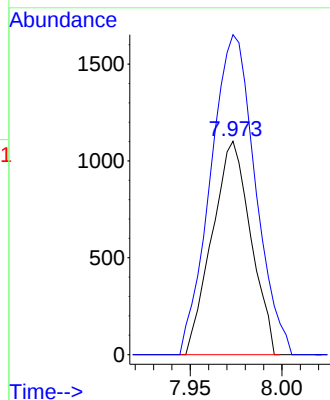
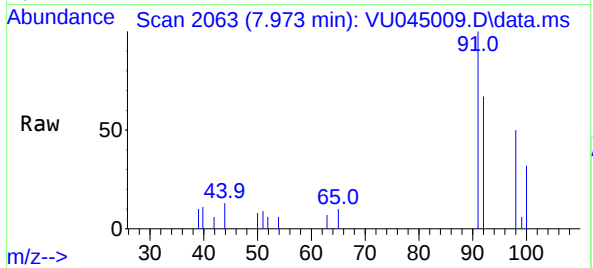




#52
Toluene
Concen: 0.22 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

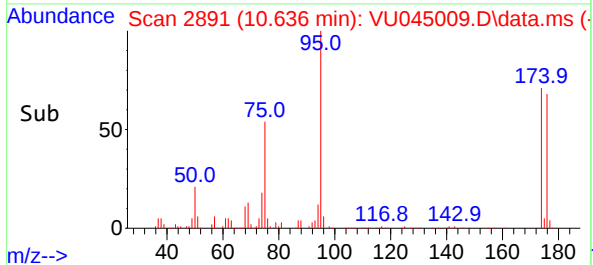
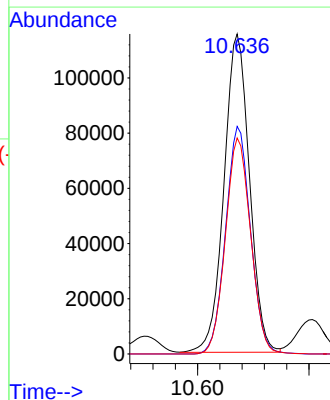
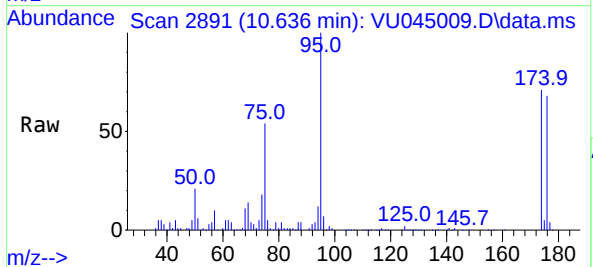
Instrument :
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EP-1-MW-2-0921

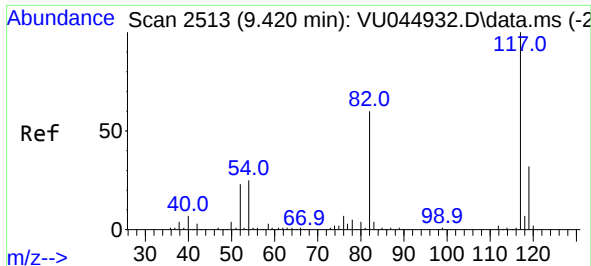
Tgt Ion: 92 Resp: 1614
Ion Ratio Lower Upper
92 100
91 173.4 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 48.28 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 95 Resp: 182930
Ion Ratio Lower Upper
95 100
174 70.0 0.0 146.6
176 67.4 0.0 141.2

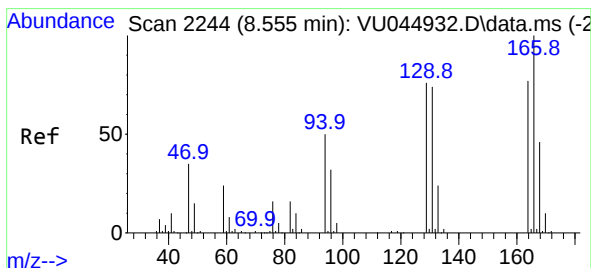
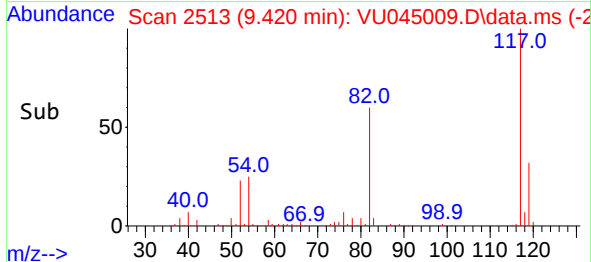
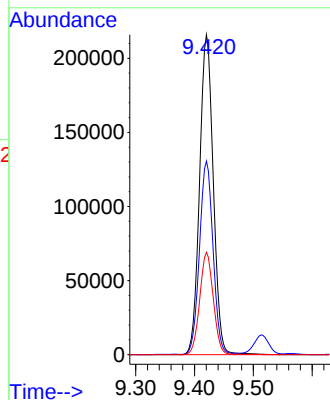
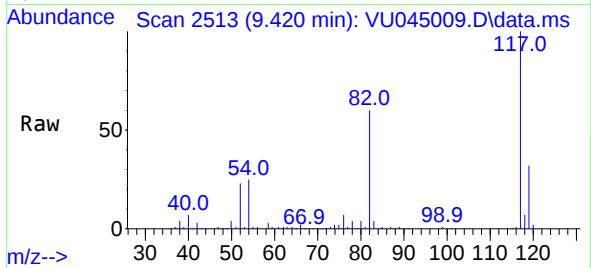




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

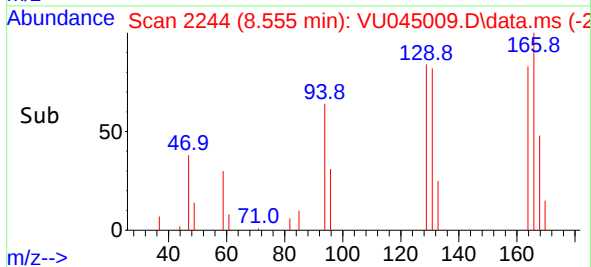
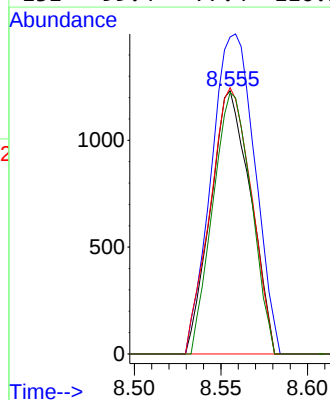
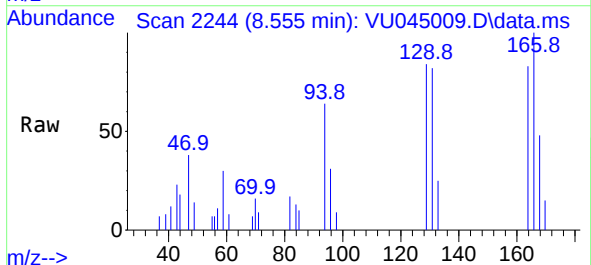
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

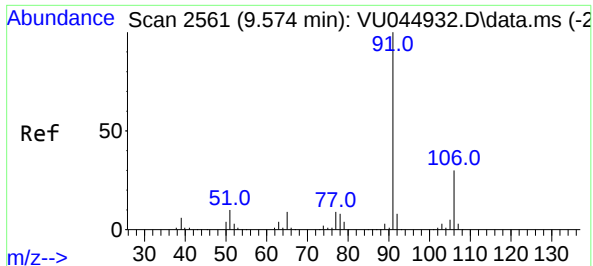
Tgt Ion:117 Resp: 349452
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 0.87 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion:164 Resp: 1981
Ion Ratio Lower Upper
164 100
166 120.5 102.8 154.2
129 101.1 79.4 119.2
131 99.4 77.4 116.2





#67

Ethyl Benzene

Concen: 94.51 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.001 min

Lab File: VU045009.D

Acq: 29 Sep 2021 21:34

Instrument :

MSVOA_U

ClientSampleId :

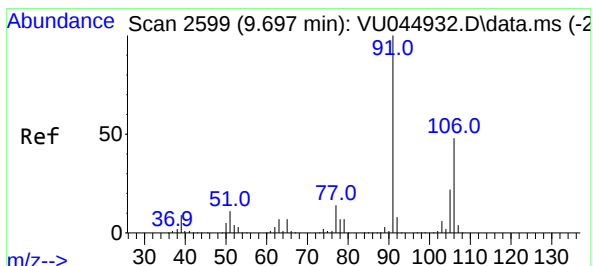
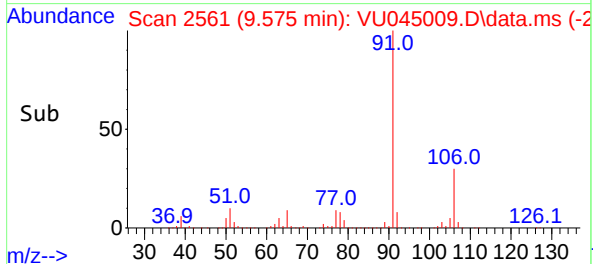
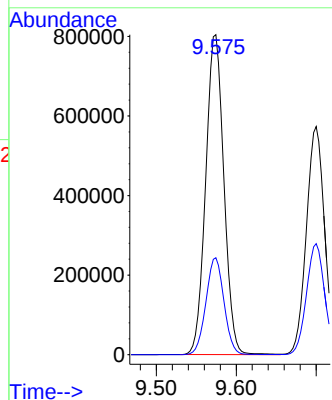
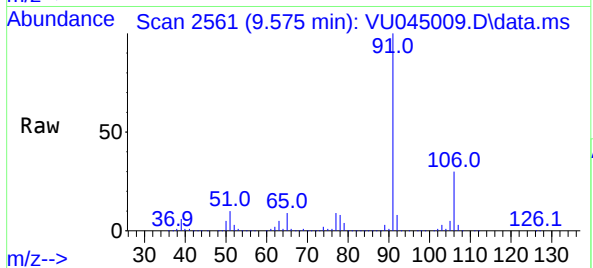
EP-1-MW-2-0921

Tgt Ion: 91 Resp: 1274224

Ion Ratio Lower Upper

91 100

106 30.3 24.3 36.5



#68

m/p-Xylenes

Concen: 84.07 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU045009.D

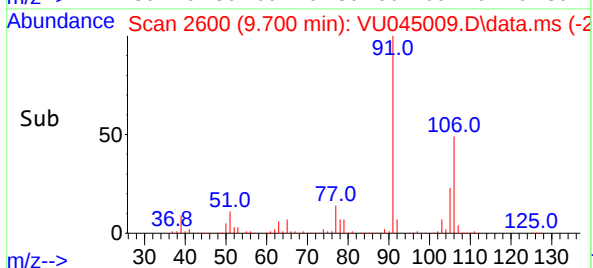
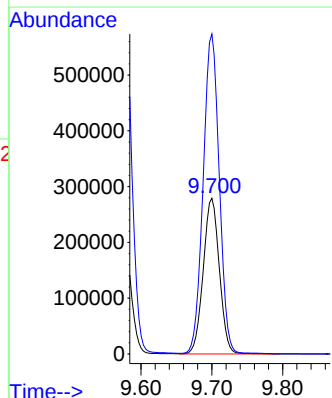
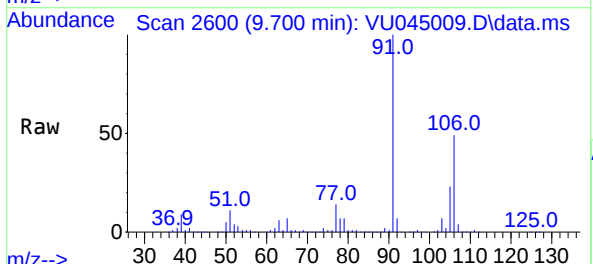
Acq: 29 Sep 2021 21:34

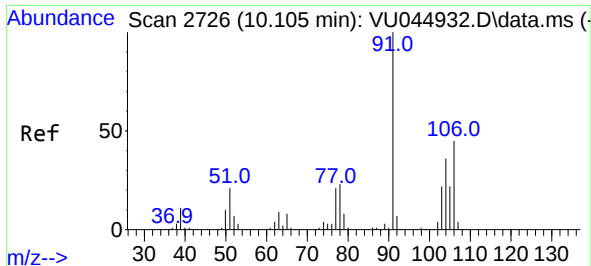
Tgt Ion: 106 Resp: 440348

Ion Ratio Lower Upper

106 100

91 205.8 164.2 246.2

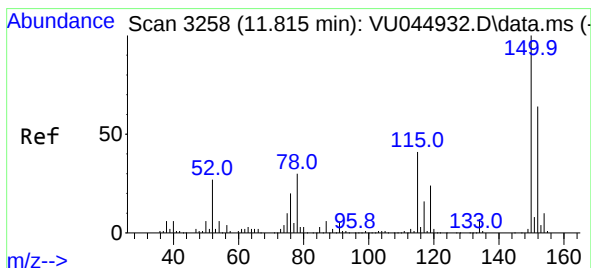
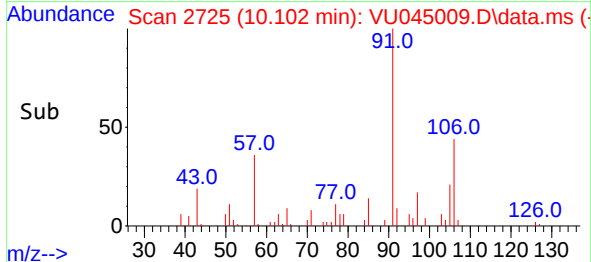
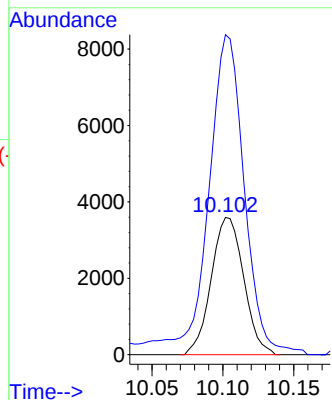
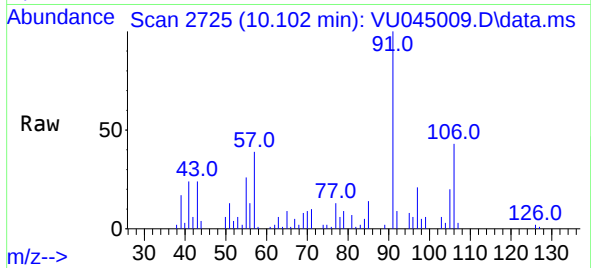




#69
o-Xylene
Concen: 1.10 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

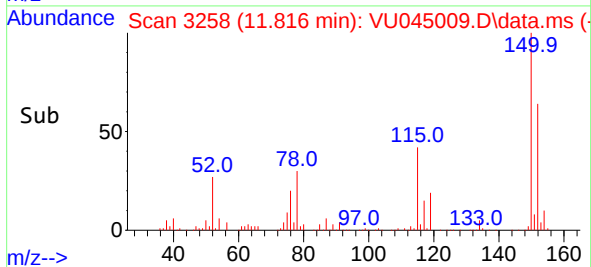
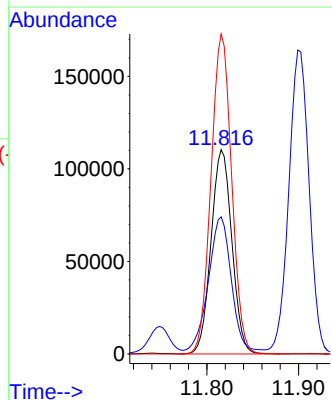
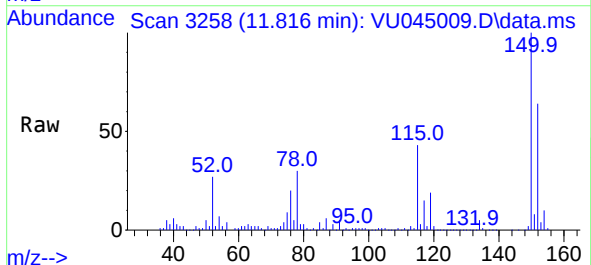
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

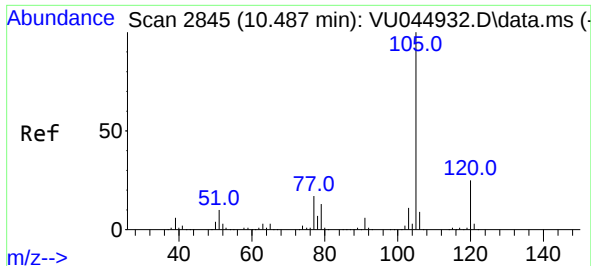
Tgt Ion:106 Resp: 5729
Ion Ratio Lower Upper
106 100
91 259.1 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion:152 Resp: 174133
Ion Ratio Lower Upper
152 100
115 73.6 43.5 130.7
150 155.4 0.0 350.0

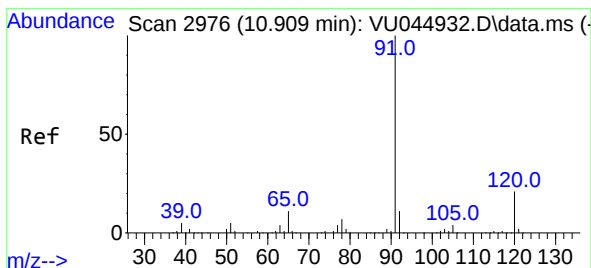
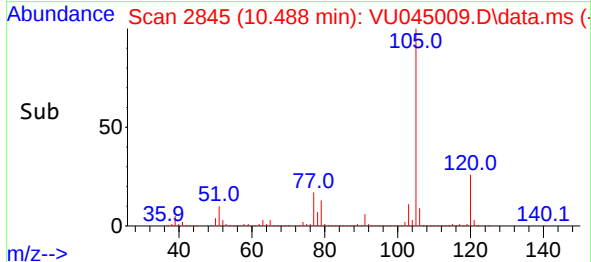
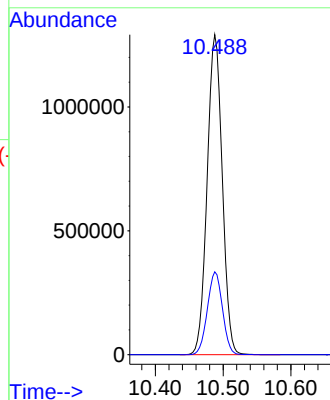
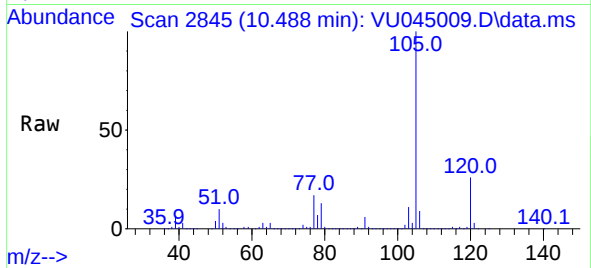




#73
Isopropylbenzene
Concen: 154.24 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

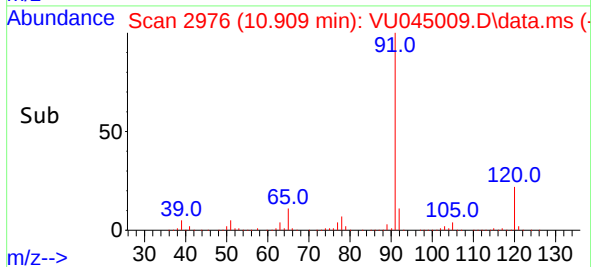
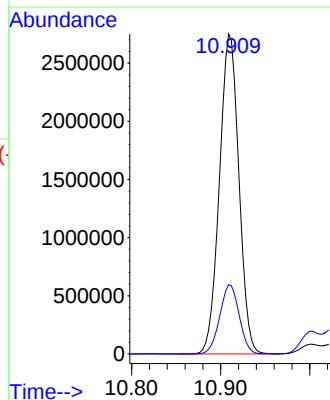
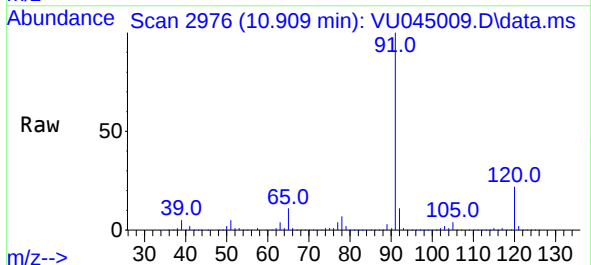
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

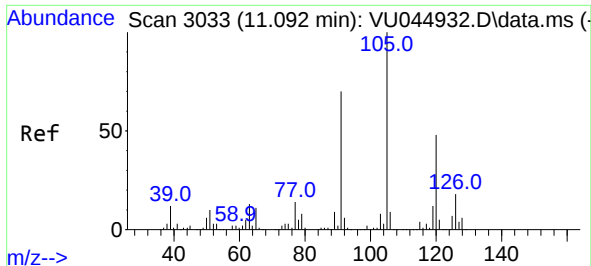
Tgt Ion:105 Resp: 2000082
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



#78
n-propylbenzene
Concen: 264.08 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 91 Resp: 4173156
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

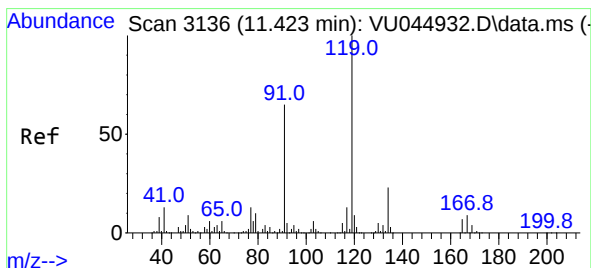
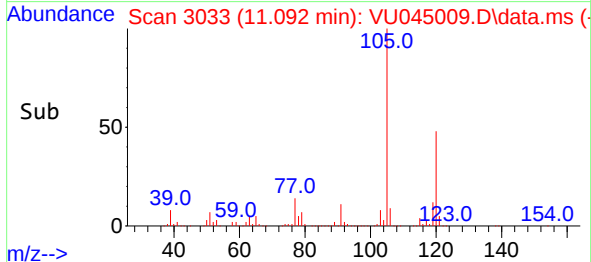
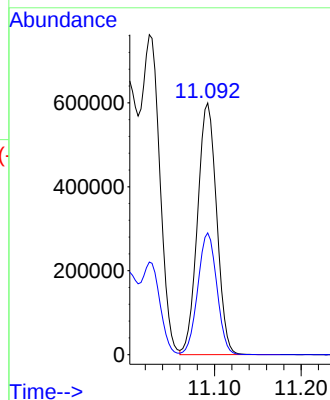
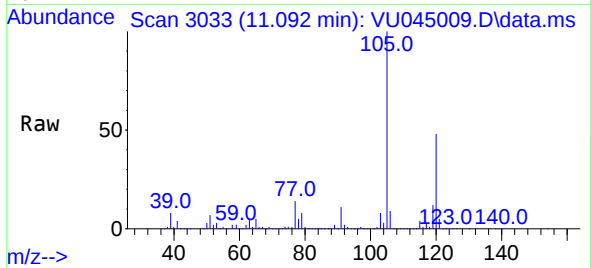




#80
1,3,5-Trimethylbenzene
Concen: 80.70 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

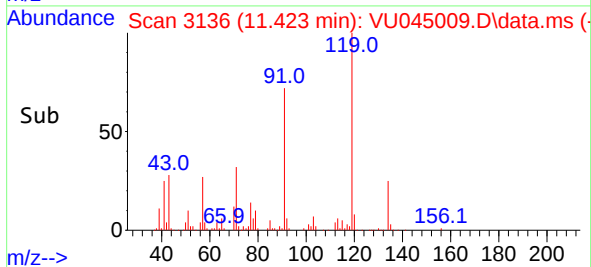
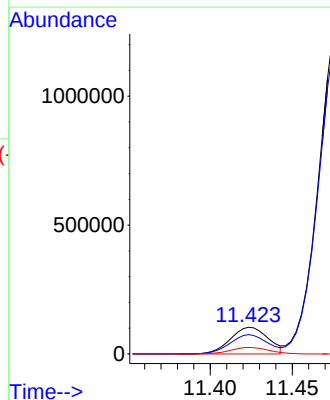
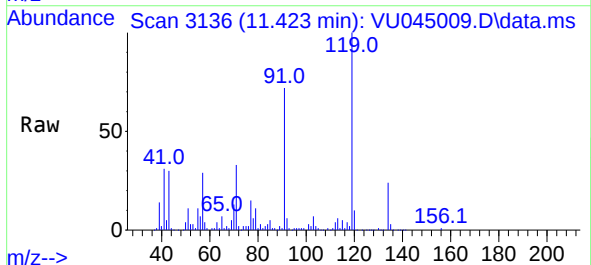
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

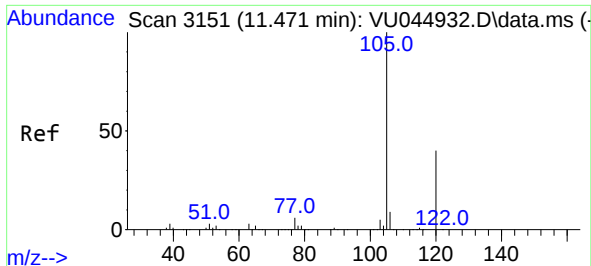
Tgt Ion:105 Resp: 916792
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2



#83
tert-Butylbenzene
Concen: 14.96 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion:119 Resp: 165322
Ion Ratio Lower Upper
119 100
91 72.0 30.4 91.2
134 25.0 11.5 34.5

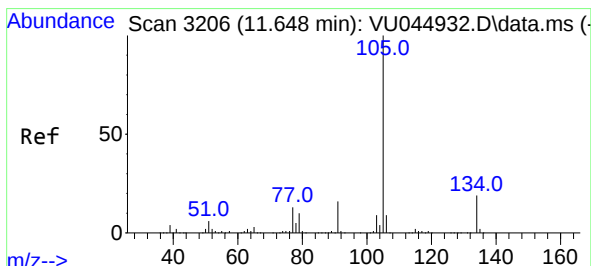
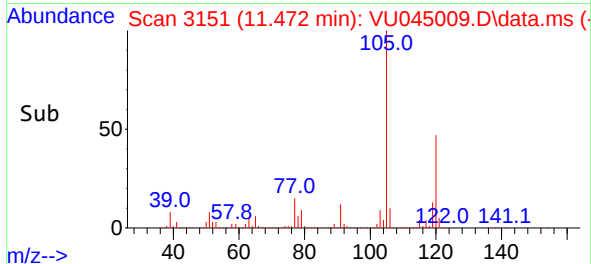
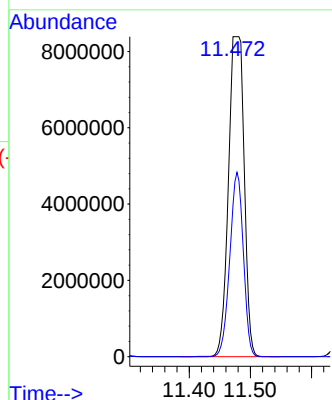
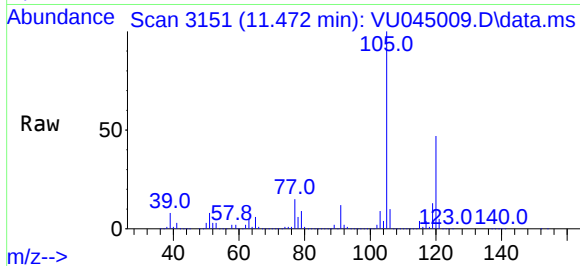




#84
1,2,4-Trimethylbenzene
Concen: 1338.08 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

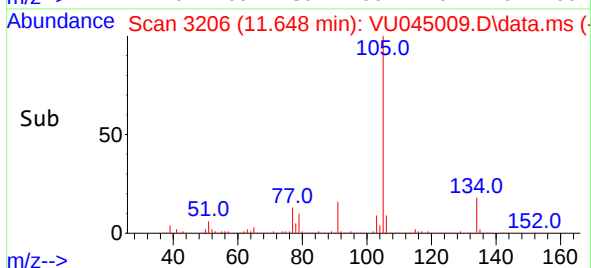
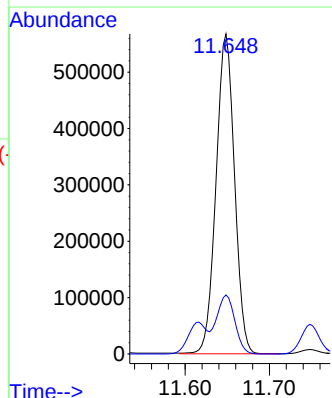
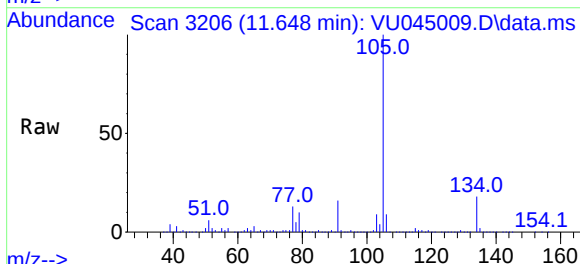
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

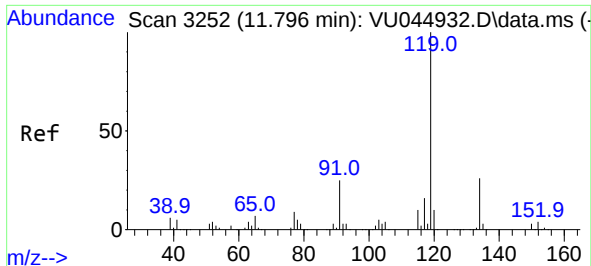
Tgt Ion:105 Resp:15038359
Ion Ratio Lower Upper
105 100
120 49.3 22.4 67.3



#85
sec-Butylbenzene
Concen: 60.53 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion:105 Resp: 861371
Ion Ratio Lower Upper
105 100
134 18.2 9.3 28.0

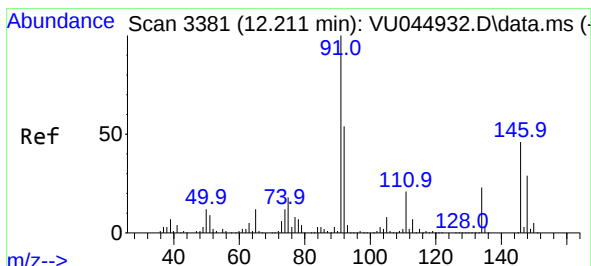
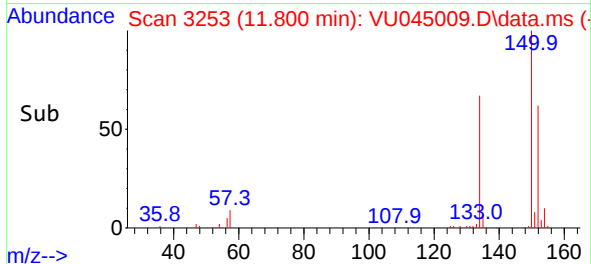
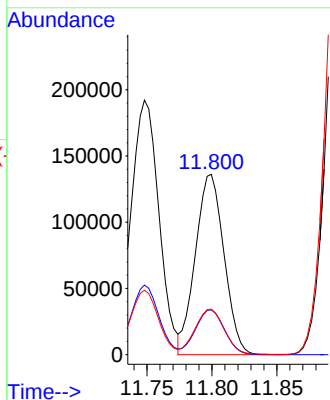
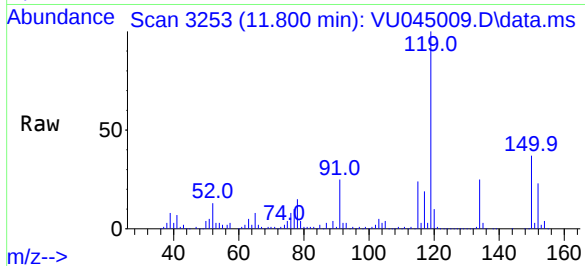




#86
p-Isopropyltoluene
Concen: 18.24 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.004 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

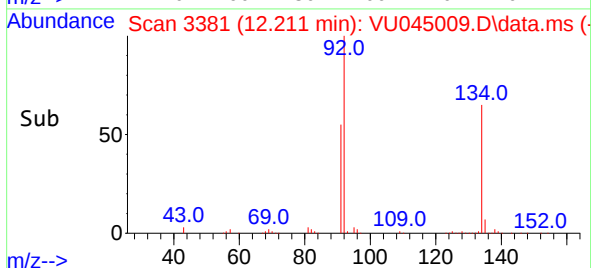
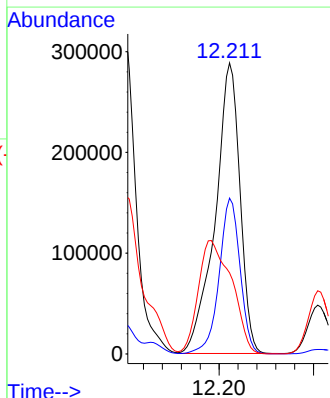
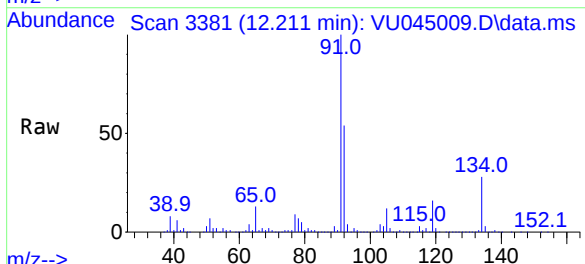
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

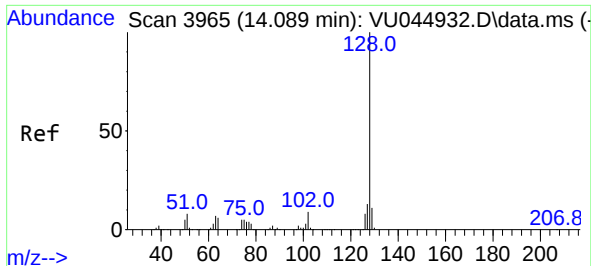
Tgt Ion:119 Resp: 208808
Ion Ratio Lower Upper
119 100
134 25.2 12.8 38.3
91 25.5 12.2 36.6



#89
n-Butylbenzene
Concen: 49.84 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Tgt Ion: 91 Resp: 525419
Ion Ratio Lower Upper
91 100
92 45.1 26.8 80.4
134 52.5 11.8 35.4#





#95
Naphthalene
Concen: 70.68 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045009.D
Acq: 29 Sep 2021 21:34

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-2-0921

Tgt Ion:128 Resp: 908085
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.6 13.0

