

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045010.D
 Acq On : 29 Sep 2021 21:57
 Operator : SY/MD
 Sample : M3926-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-3R-0921

Quant Time: Sep 30 04:34:56 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)

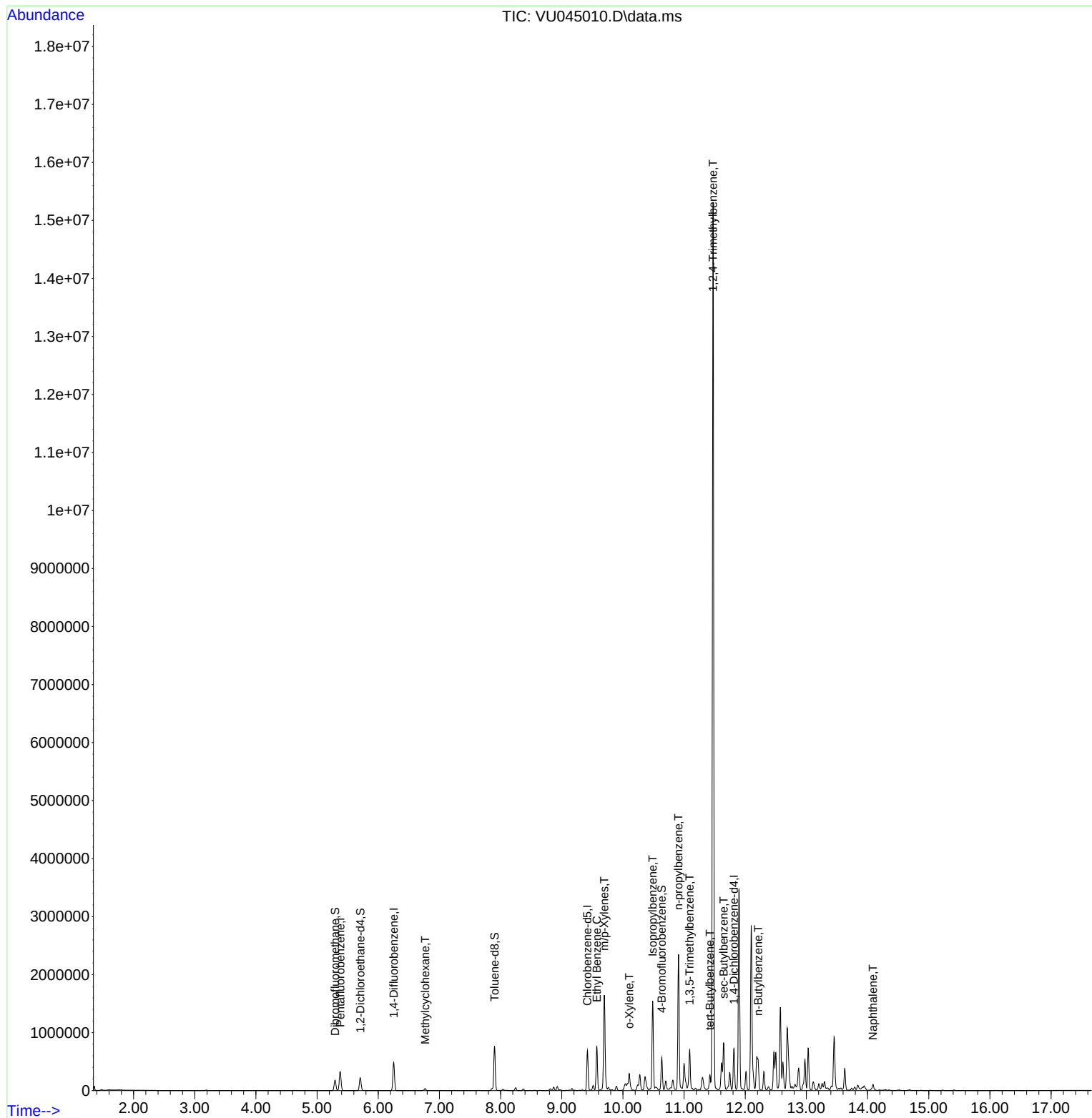
Internal Standards						
1) Pentafluorobenzene	5.378	168	213242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383208	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	356219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	171336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	167277	47.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.24%		
35) Dibromofluoromethane	5.295	113	117714	48.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.38%		
50) Toluene-d8	7.902	98	482605	50.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.06%		
62) 4-Bromofluorobenzene	10.635	95	180626	45.80	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.60%		
Target Compounds						Qvalue
39) Methylcyclohexane	6.767	83	14500	2.95	ug/l	99
67) Ethyl Benzene	9.574	91	509361	37.06	ug/l	99
68) m/p-Xylenes	9.697	106	431003	80.72	ug/l	99
69) o-Xylene	10.102	106	74170	14.00	ug/l	100
73) Isopropylbenzene	10.488	105	964169	75.57	ug/l	100
78) n-propylbenzene	10.909	91	1745810	112.28	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	348431	31.17	ug/l	100
83) tert-Butylbenzene	11.423	119	104640	9.62	ug/l	89
84) 1,2,4-Trimethylbenzene	11.475	105	7920814	716.28	ug/l	100
85) sec-Butylbenzene	11.648	105	531081	37.93	ug/l	100
89) n-Butylbenzene	12.211	91	287364	27.70	ug/l #	79
95) Naphthalene	14.089	128	81096	6.41	ug/l #	96

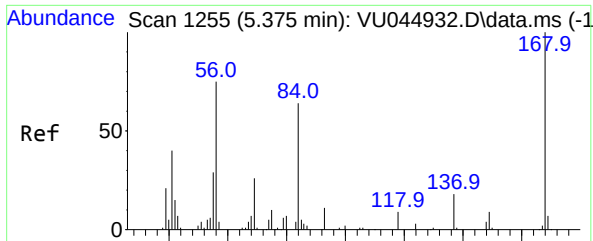
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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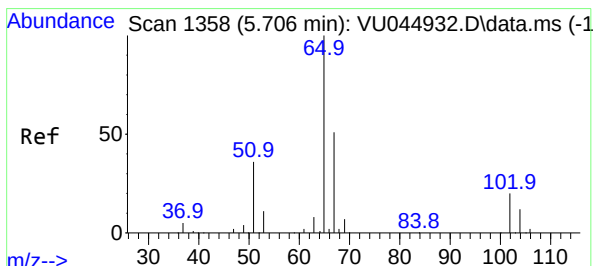
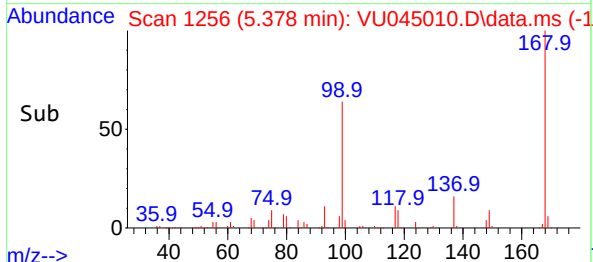
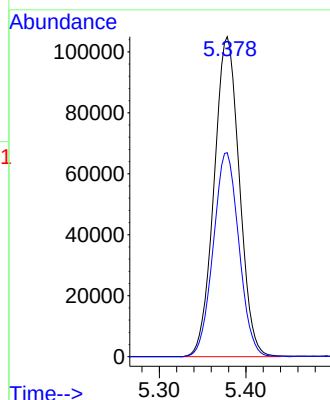
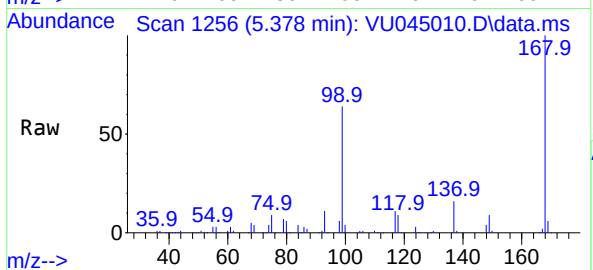




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

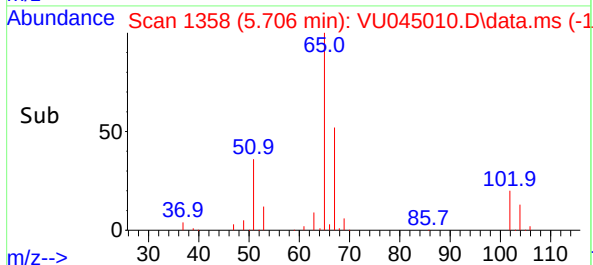
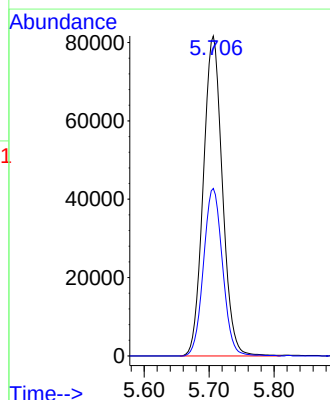
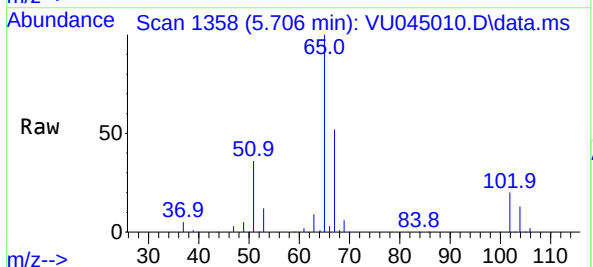
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

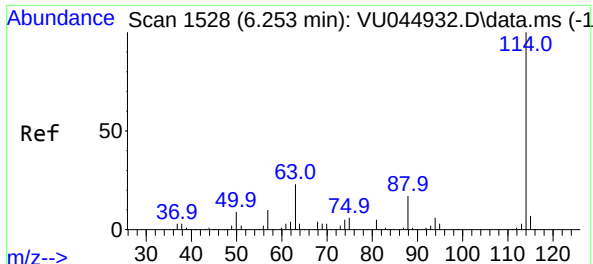
Tgt Ion:168 Resp: 213242
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 47.12 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion: 65 Resp: 167277
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

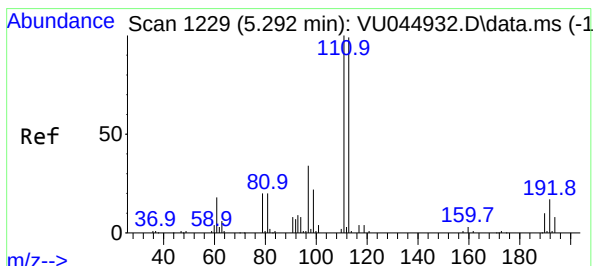
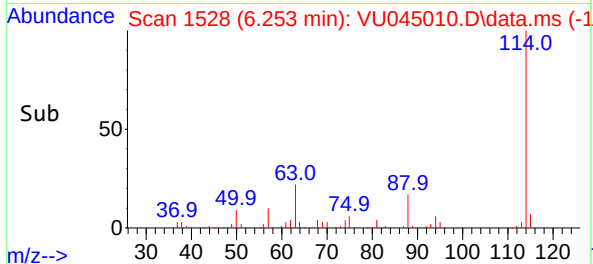
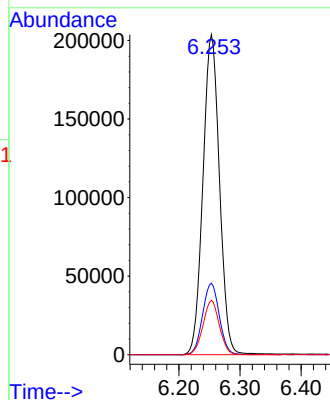
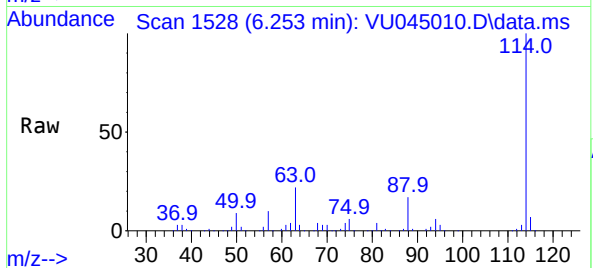




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

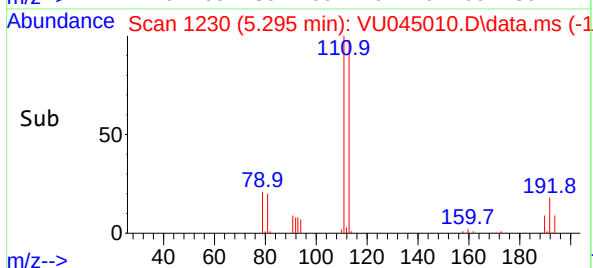
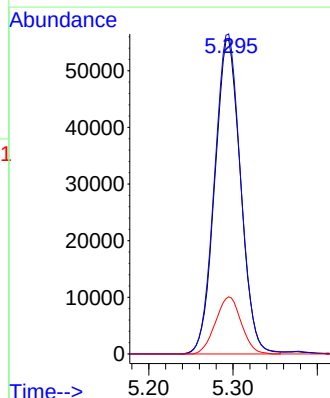
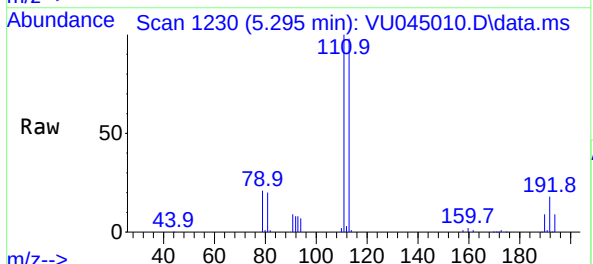
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

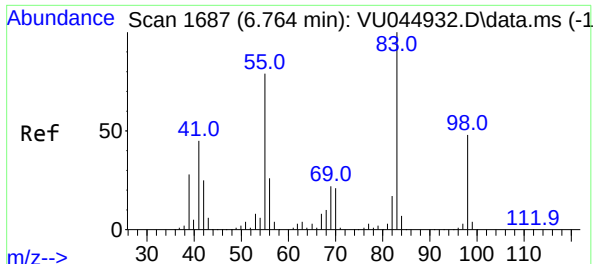
Tgt Ion:114 Resp: 383208
Ion Ratio Lower Upper
114 100
63 22.3 0.0 47.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.69 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion:113 Resp: 117714
Ion Ratio Lower Upper
113 100
111 102.9 84.1 126.1
192 18.1 14.8 22.2





#39

Methylcyclohexane

Concen: 2.95 ug/l

RT: 6.767 min Scan# 1688

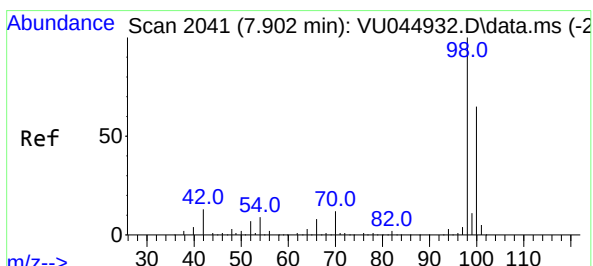
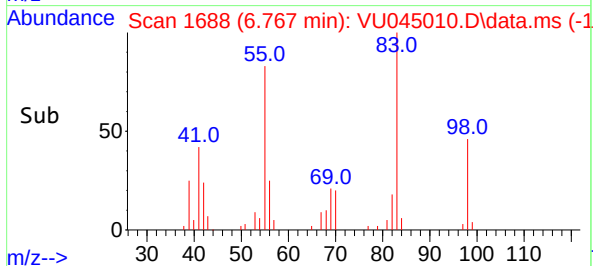
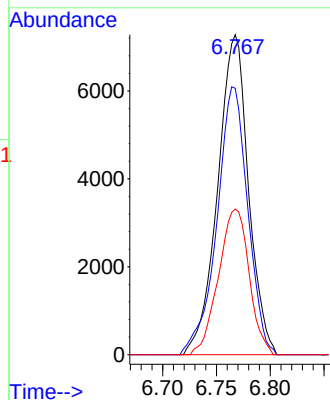
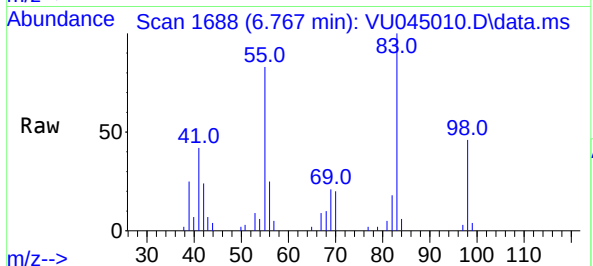
Delta R.T. 0.003 min

Lab File: VU045010.D

Acq: 29 Sep 2021 21:57

Tgt Ion:	83	Resp:	14500
Ion	Ratio	Lower	Upper
83	100		
55	83.3	66.2	99.4
98	45.5	37.5	56.3

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921



#50

Toluene-d8

Concen: 50.53 ug/l

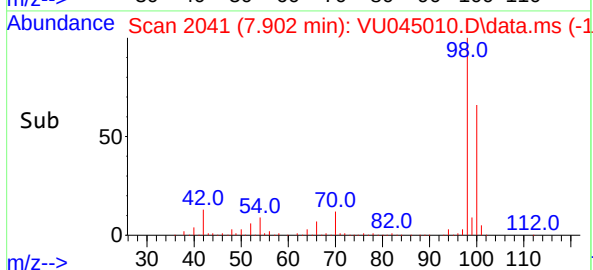
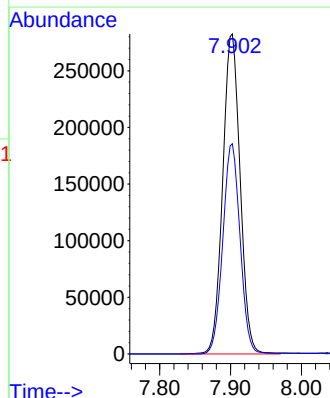
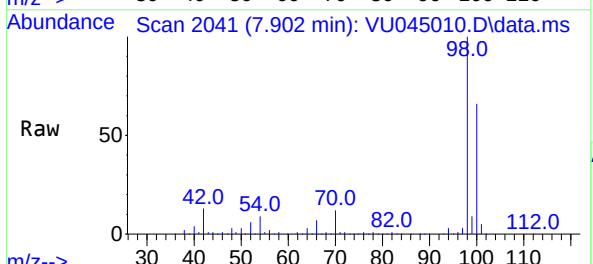
RT: 7.902 min Scan# 2041

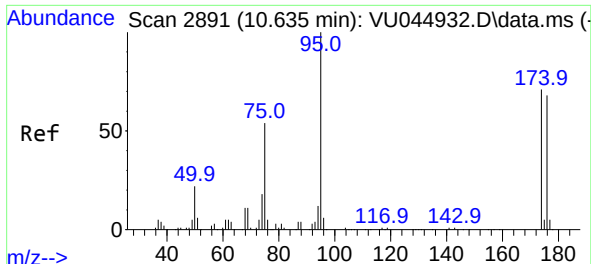
Delta R.T. 0.000 min

Lab File: VU045010.D

Acq: 29 Sep 2021 21:57

Tgt Ion:	98	Resp:	482605
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7



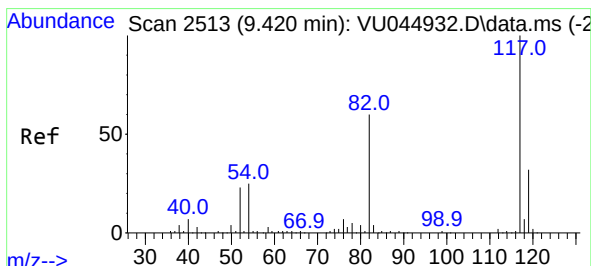
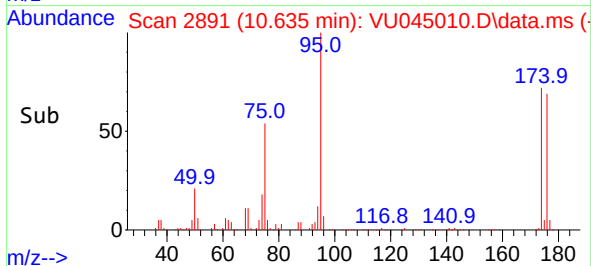
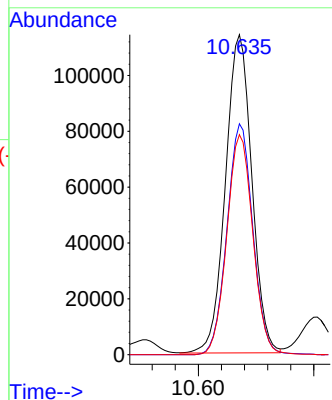
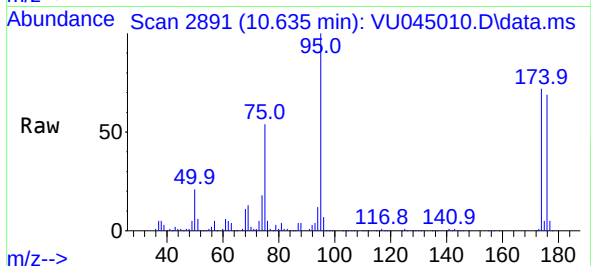


#62
4-Bromofluorobenzene
Concen: 45.80 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

Tgt Ion: 95 Resp: 180626

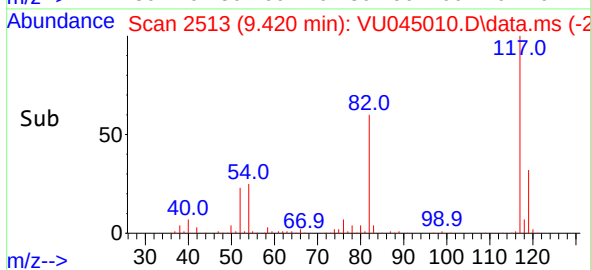
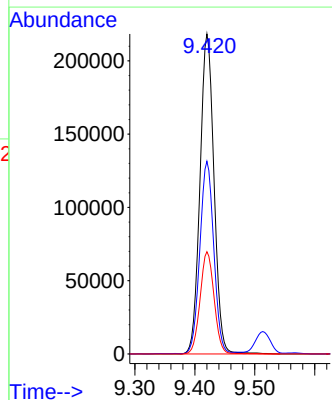
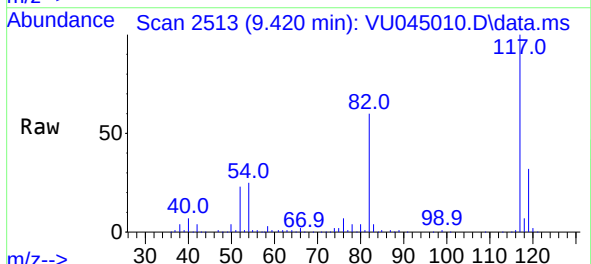
Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	146.6
176	68.4	0.0	141.2

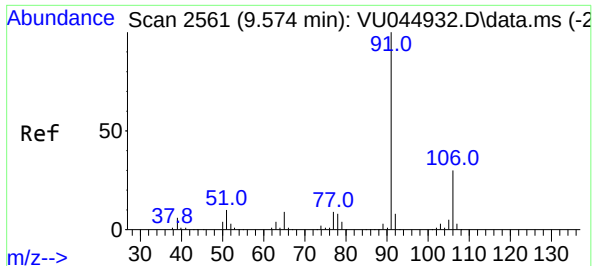


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion: 117 Resp: 356219

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.8	71.8
119	31.9	25.8	38.6

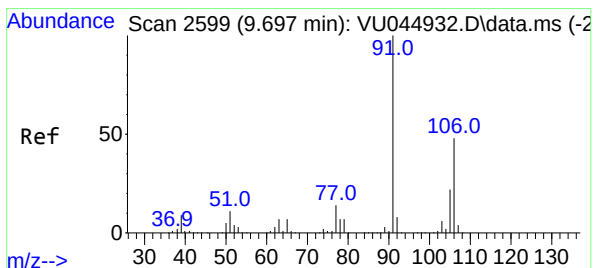
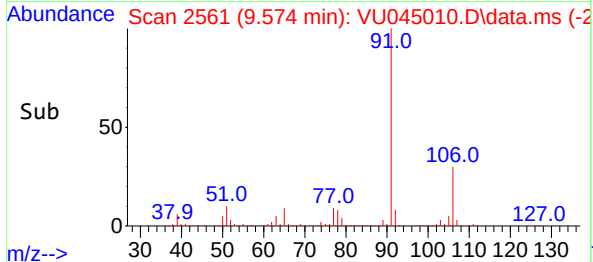
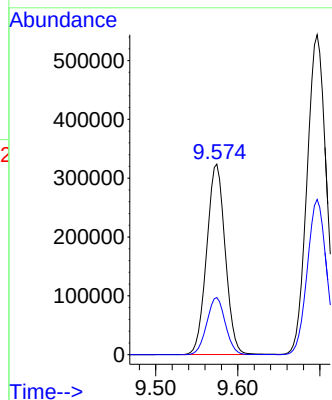
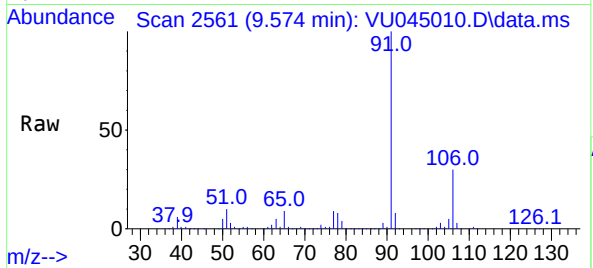




#67
Ethyl Benzene
Concen: 37.06 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

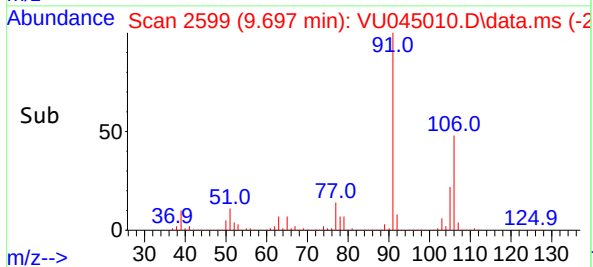
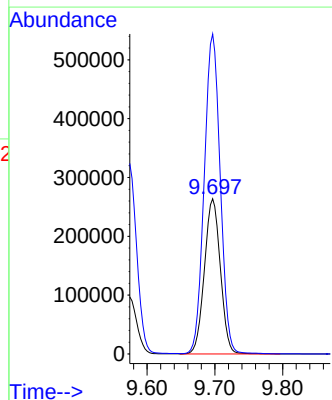
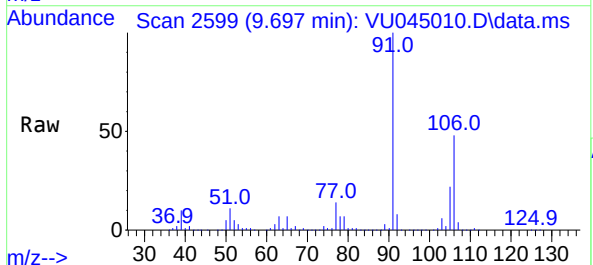
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

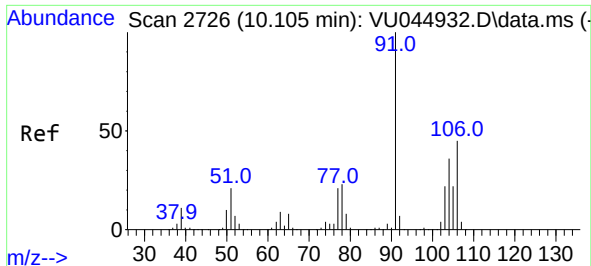
Tgt Ion: 91 Resp: 509361
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 80.72 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion: 106 Resp: 431003
Ion Ratio Lower Upper
106 100
91 206.8 164.2 246.2

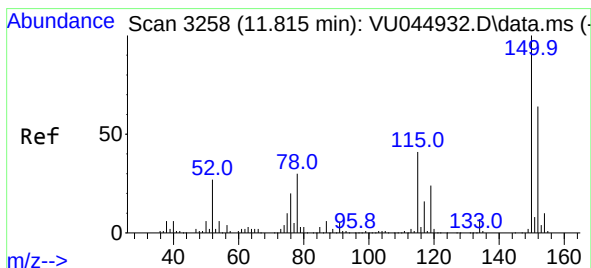
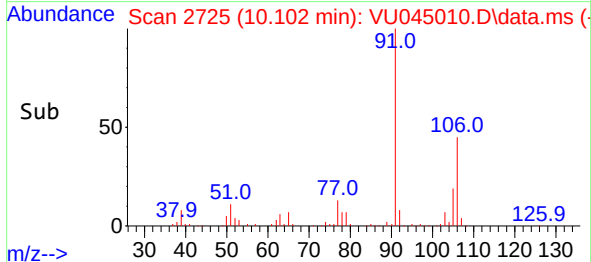
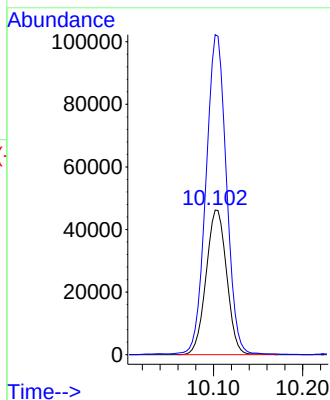
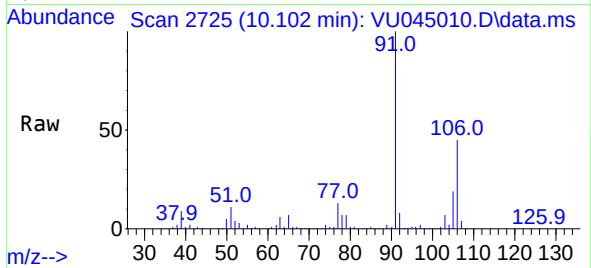




#69
o-Xylene
Concen: 14.00 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

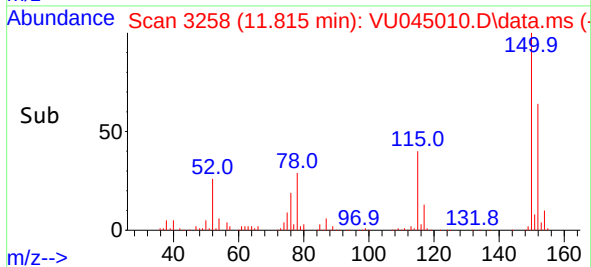
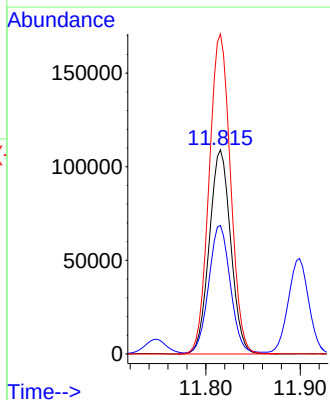
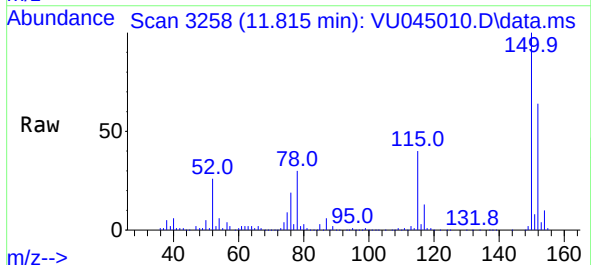
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MSVOA_U
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EP-1-MW-3R-0921

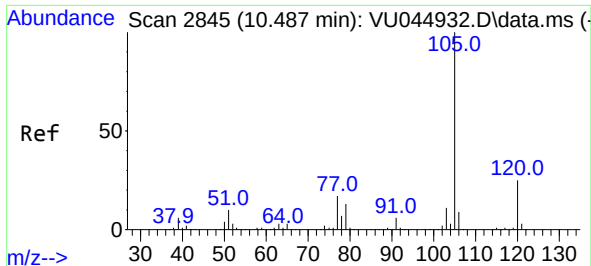
Tgt Ion:106 Resp: 74170
Ion Ratio Lower Upper
106 100
91 218.2 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion:152 Resp: 171336
Ion Ratio Lower Upper
152 100
115 62.9 43.5 130.7
150 156.6 0.0 350.0

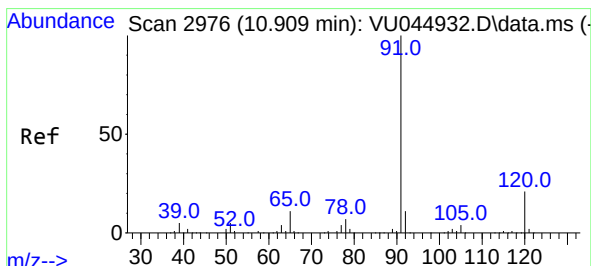
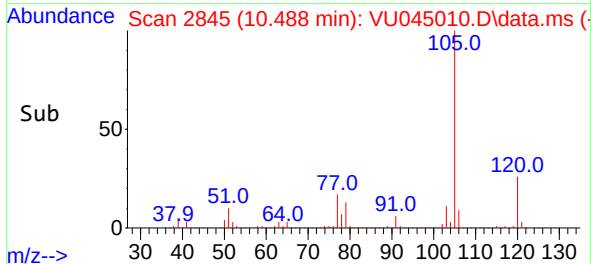
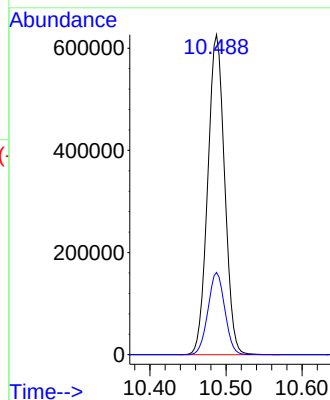
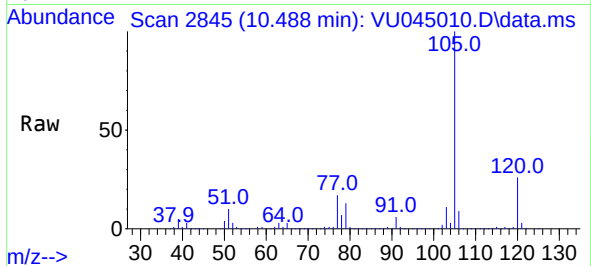




#73
Isopropylbenzene
Concen: 75.57 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

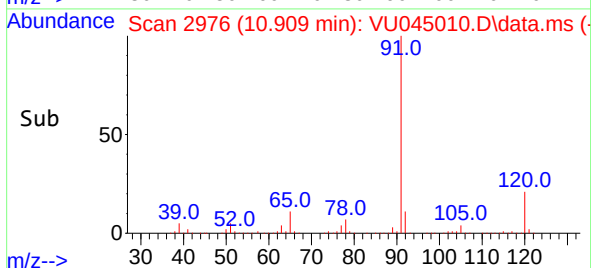
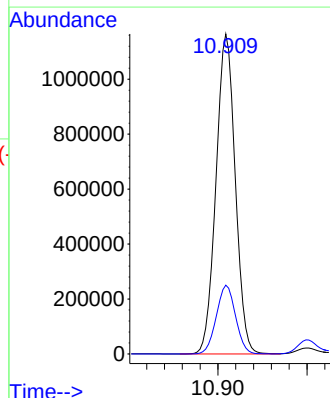
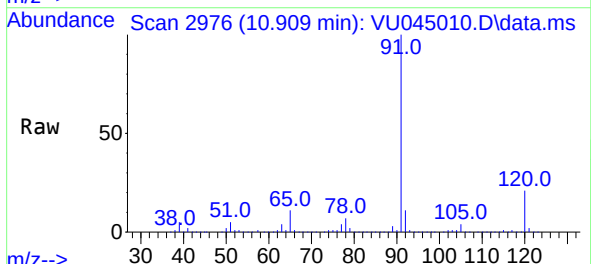
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

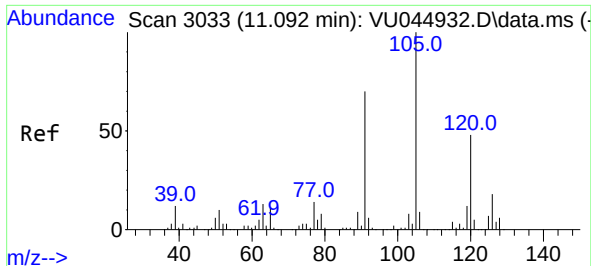
Tgt Ion:105 Resp: 964169
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#78
n-propylbenzene
Concen: 112.28 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion: 91 Resp: 1745810
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

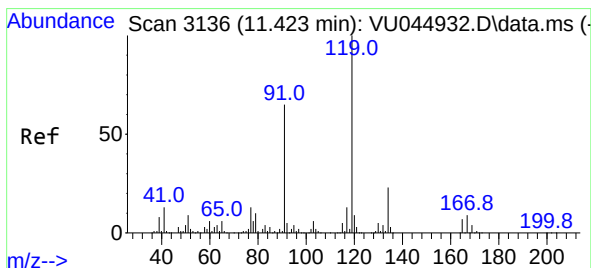
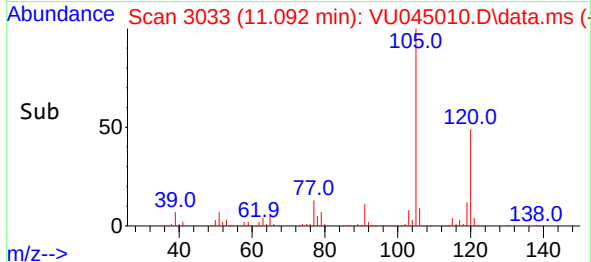
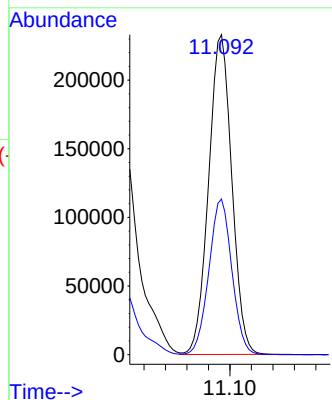
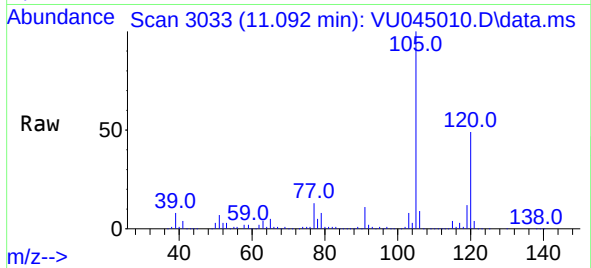




#80
1,3,5-Trimethylbenzene
Concen: 31.17 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

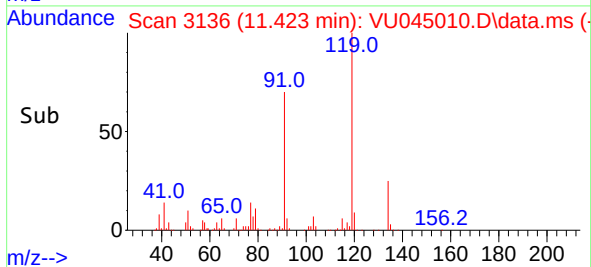
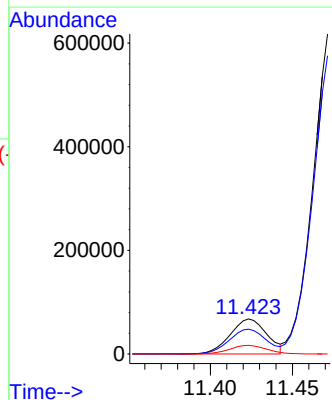
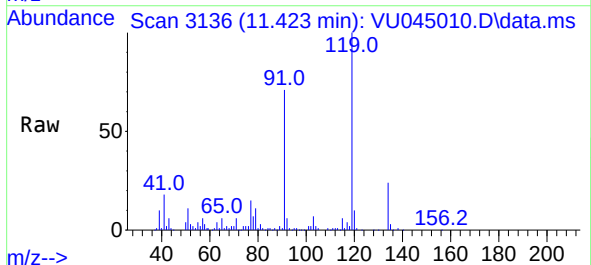
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

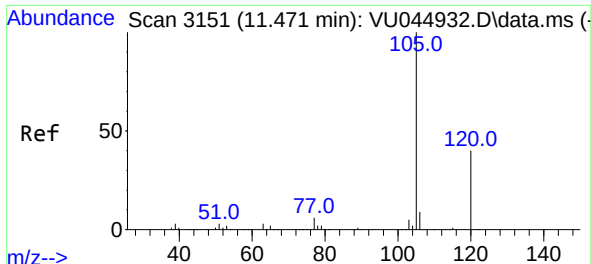
Tgt Ion:105 Resp: 348431
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2



#83
tert-Butylbenzene
Concen: 9.62 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion:119 Resp: 104640
Ion Ratio Lower Upper
119 100
91 71.7 30.4 91.2
134 24.9 11.5 34.5

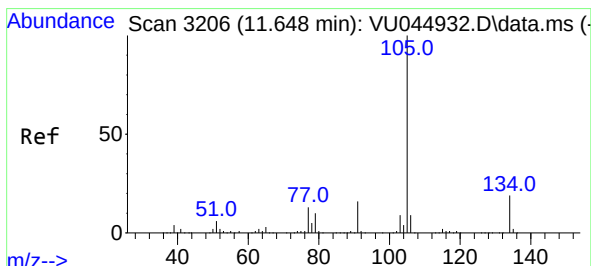
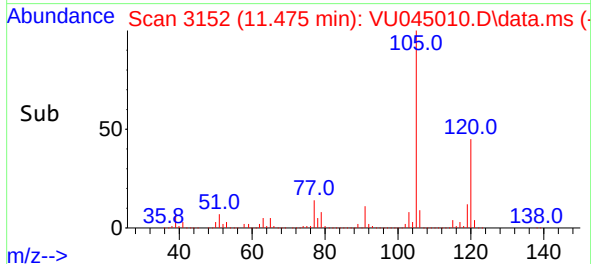
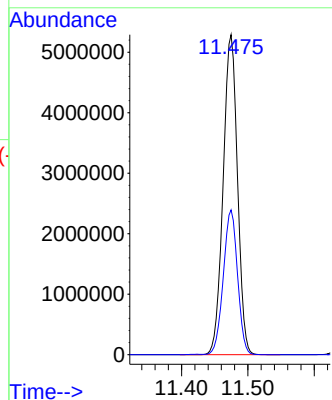
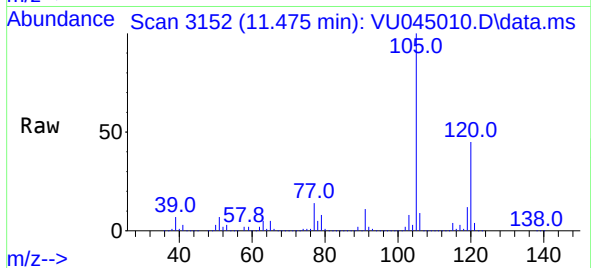




#84
1,2,4-Trimethylbenzene
Concen: 716.28 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.004 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

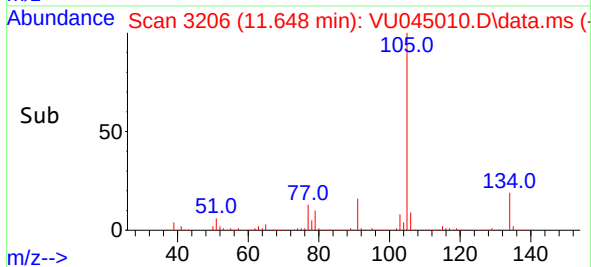
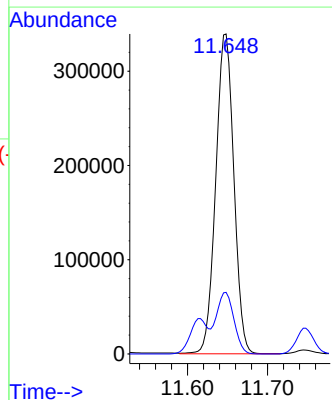
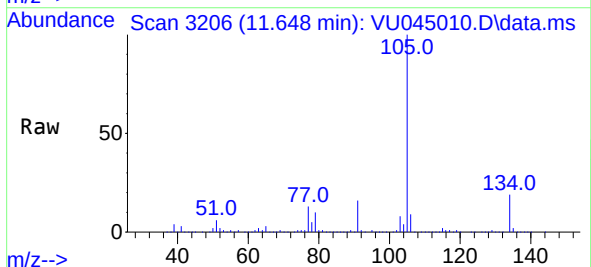
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

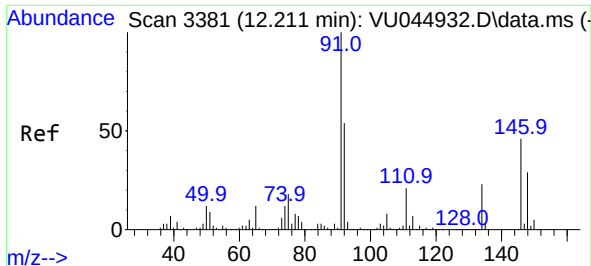
Tgt Ion:105 Resp: 7920814
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#85
sec-Butylbenzene
Concen: 37.93 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion:105 Resp: 531081
Ion Ratio Lower Upper
105 100
134 18.5 9.3 28.0



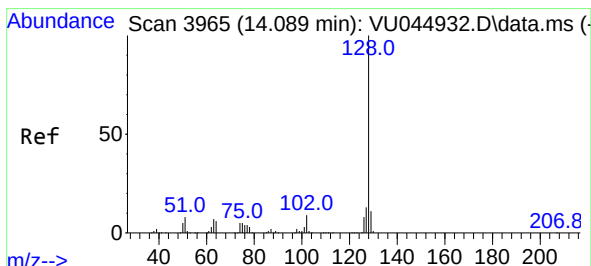
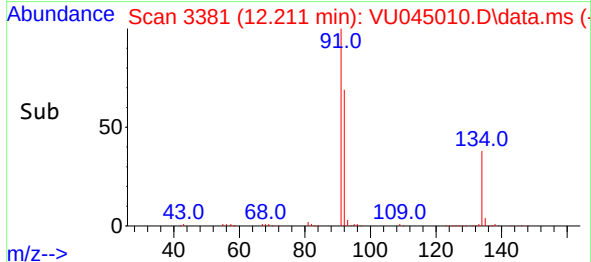
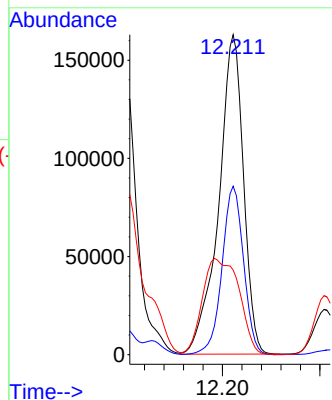
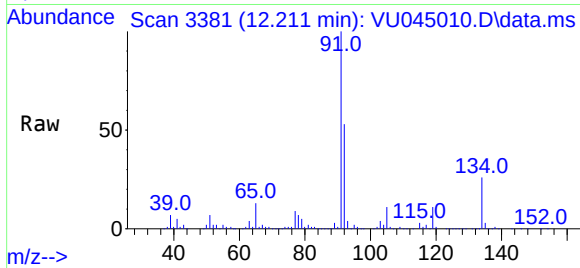


#89
n-Butylbenzene
Concen: 27.70 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921

Tgt Ion: 91 Resp: 287364

Ion	Ratio	Lower	Upper
91	100		
92	46.0	26.8	80.4
134	44.6	11.8	35.4



#95
Naphthalene
Concen: 6.41 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045010.D
Acq: 29 Sep 2021 21:57

Tgt Ion: 128 Resp: 81096

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	13.1	8.6	13.0

