

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045007.D
 Acq On : 29 Sep 2021 20:47
 Operator : SY/MD
 Sample : M3926-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-4-0921DL

Quant Time: Sep 30 04:34:20 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)

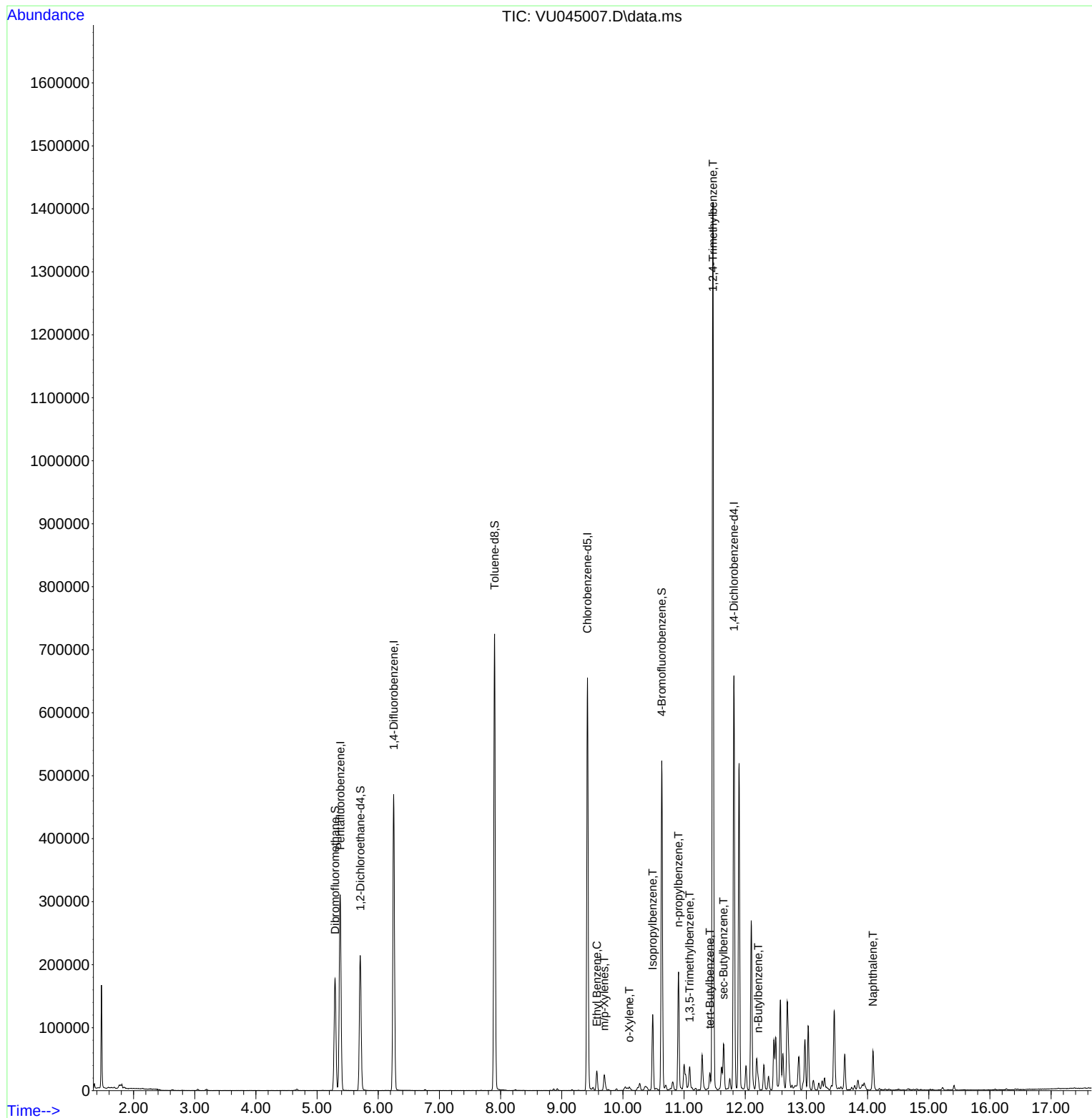
Internal Standards						
1) Pentafluorobenzene	5.379	168	203691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	366372	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	162730	47.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.98%
35) Dibromofluoromethane	5.295	113	113046	48.91	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.82%
50) Toluene-d8	7.903	98	463215	50.72	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.44%
62) 4-Bromofluorobenzene	10.636	95	170692	45.27	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.54%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	9.575	91	20595	1.56	ug/l	100
68) m/p-Xylenes	9.697	106	5835	1.14	ug/l	93
69) o-Xylene	10.105	106	1275	0.25	ug/l	83
73) Isopropylbenzene	10.488	105	74880	6.25	ug/l	100
78) n-propylbenzene	10.909	91	141633	9.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	19229	1.83	ug/l	100
83) tert-Butylbenzene	11.423	119	10583	1.04	ug/l	92
84) 1,2,4-Trimethylbenzene	11.472	105	757852	72.94	ug/l	99
85) sec-Butylbenzene	11.645	105	46483	3.53	ug/l	98
89) n-Butylbenzene	12.214	91	12421	1.27	ug/l #	68
95) Naphthalene	14.089	128	48763	4.11	ug/l	99

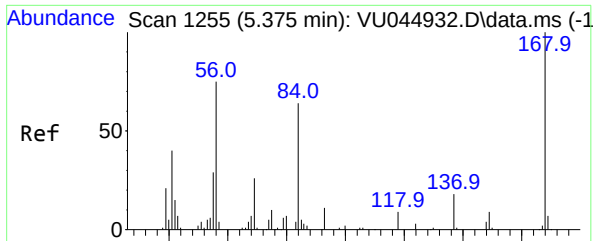
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP-1-MW-4-0921DL

Quant Time: Sep 30 04:34:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
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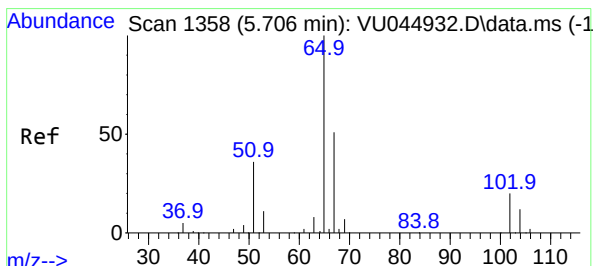
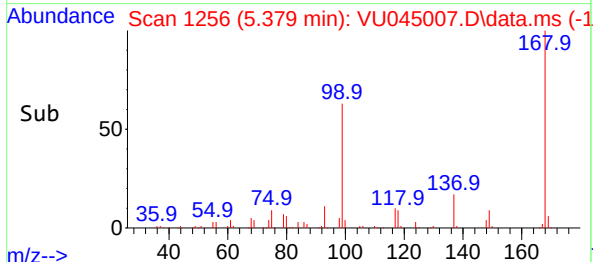
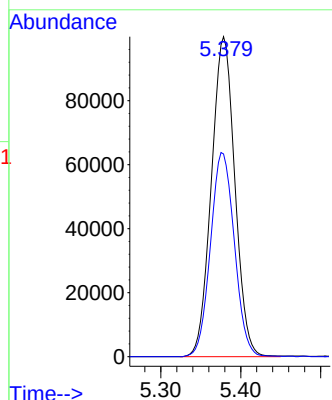
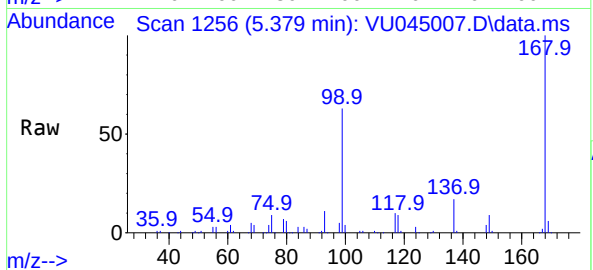




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

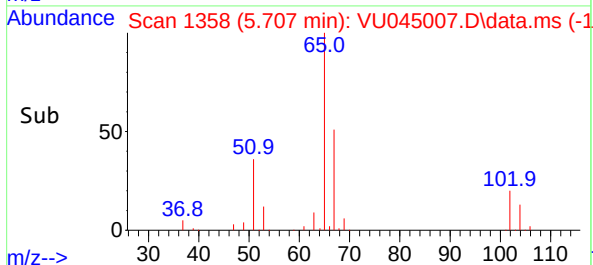
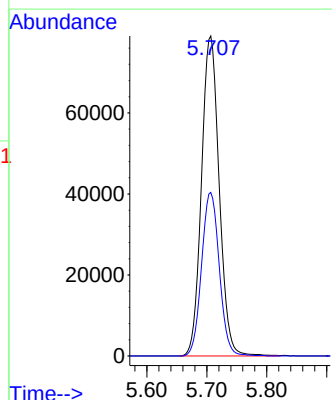
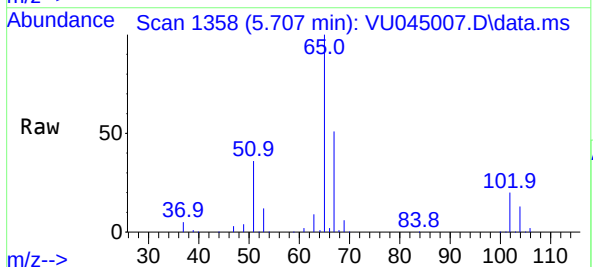
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

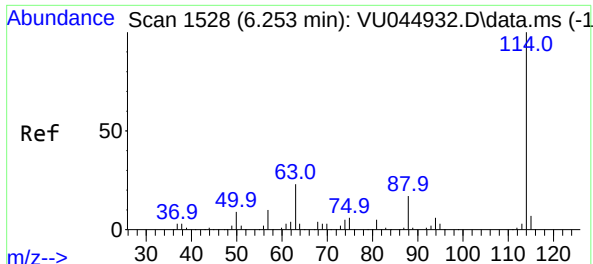
Tgt Ion:168 Resp: 203691
Ion Ratio Lower Upper
168 100
99 63.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 47.99 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion: 65 Resp: 162730
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

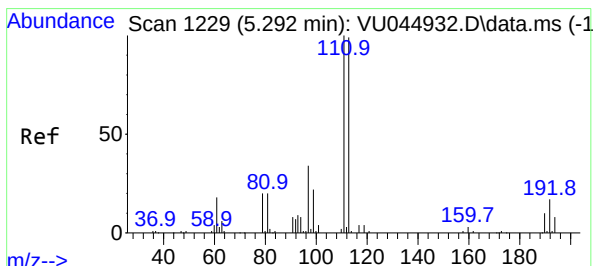
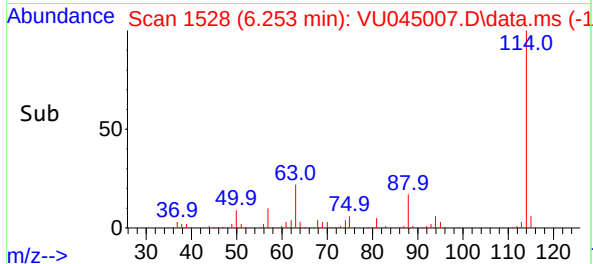
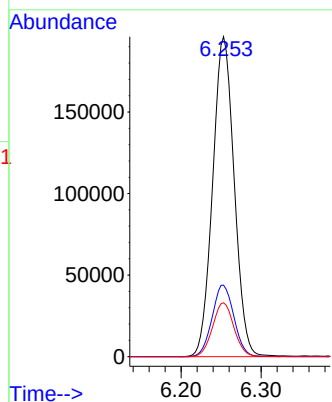
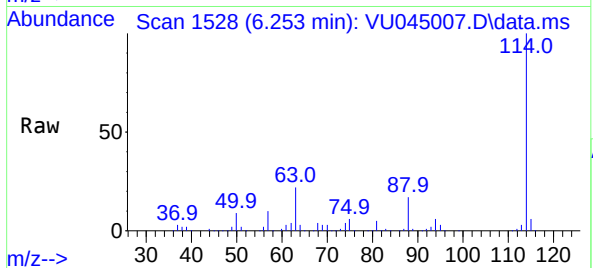




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

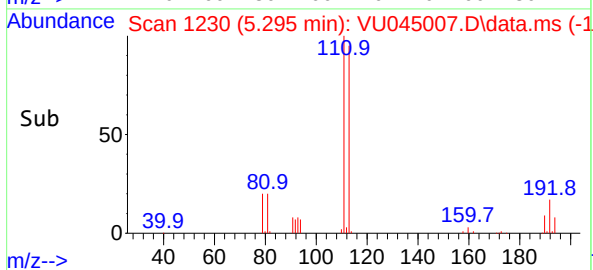
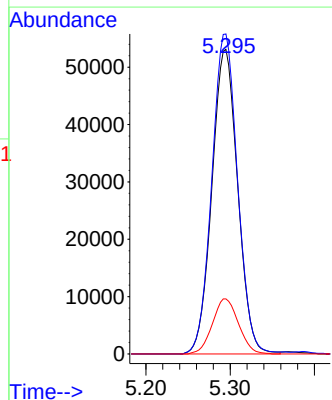
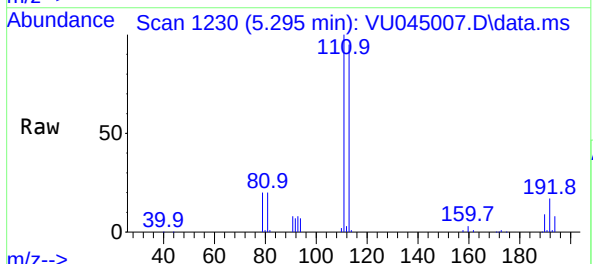
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

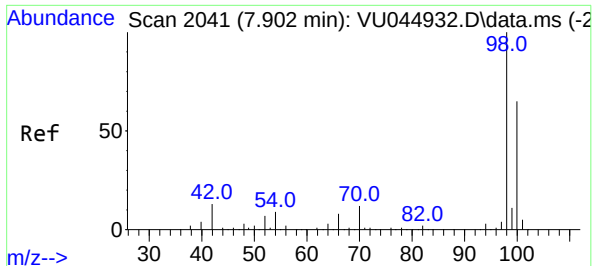
Tgt Ion:114 Resp: 366372
Ion Ratio Lower Upper
114 100
63 22.4 0.0 47.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.91 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion:113 Resp: 113046
Ion Ratio Lower Upper
113 100
111 104.7 84.1 126.1
192 18.3 14.8 22.2

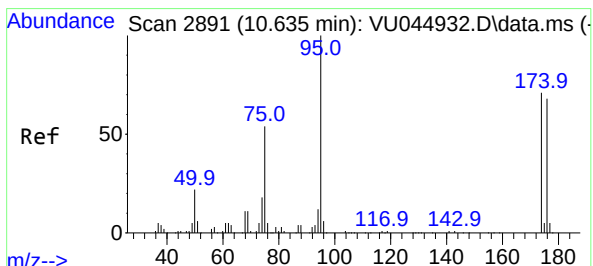
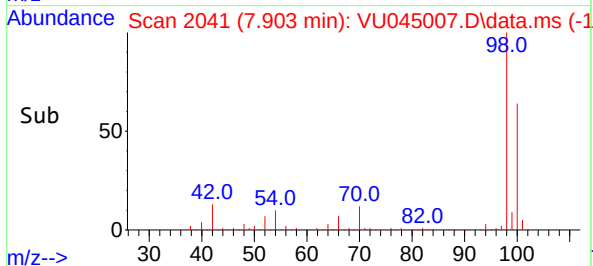
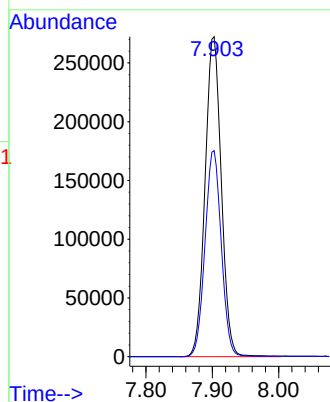
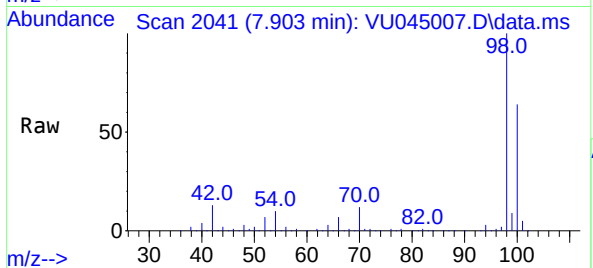




#50
Toluene-d8
Concen: 50.72 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

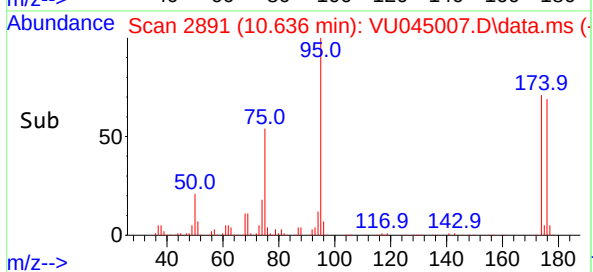
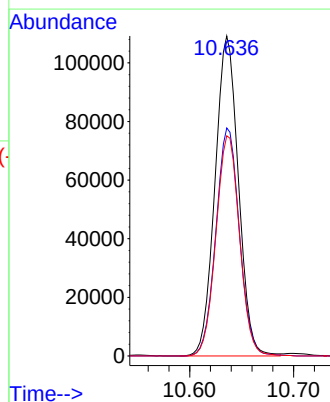
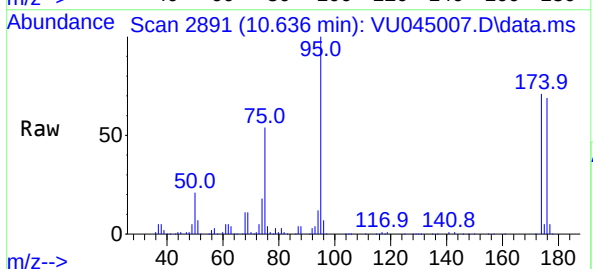
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

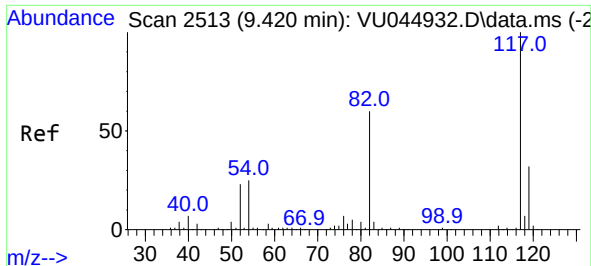
Tgt Ion: 98 Resp: 463215
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion: 95 Resp: 170692
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.6
176 69.4 0.0 141.2

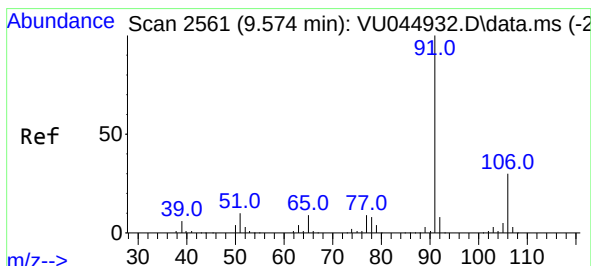
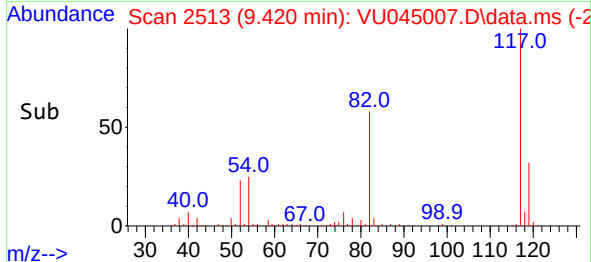
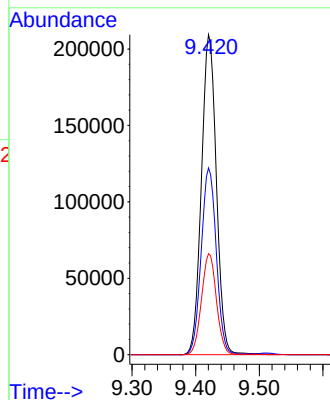
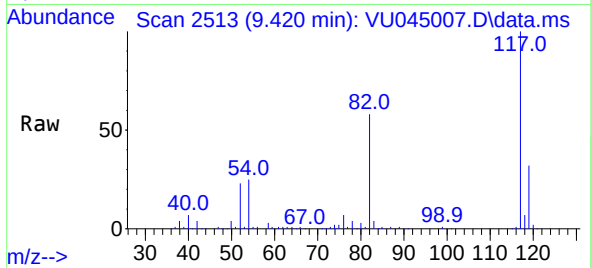




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

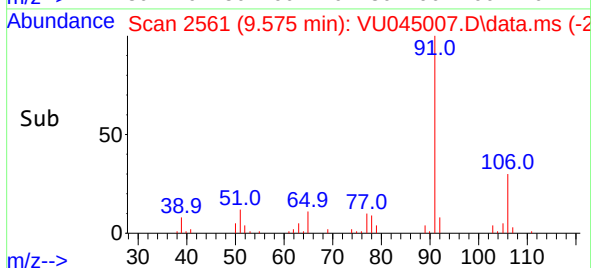
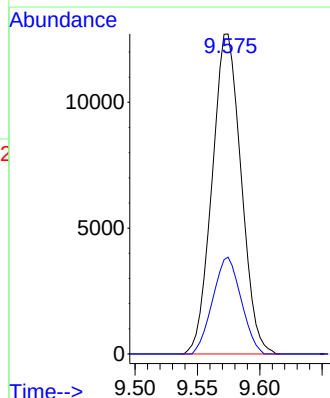
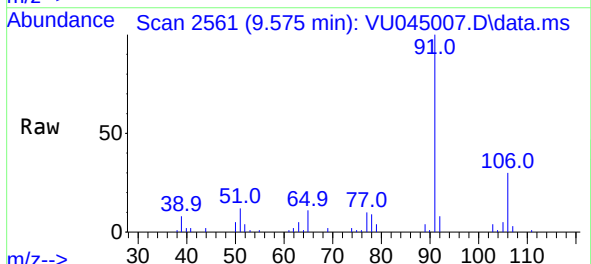
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

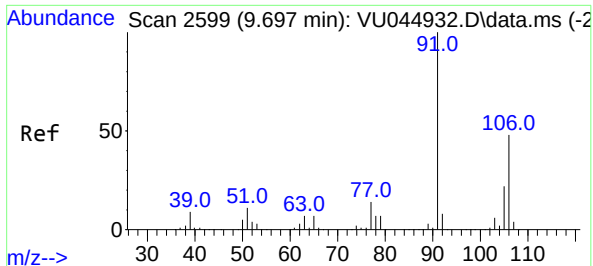
Tgt Ion:117 Resp: 342248
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.6 25.8 38.6



#67
Ethyl Benzene
Concen: 1.56 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion: 91 Resp: 20595
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

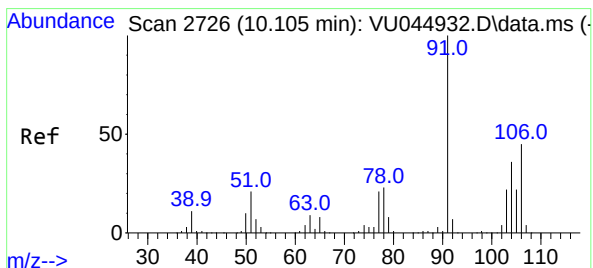
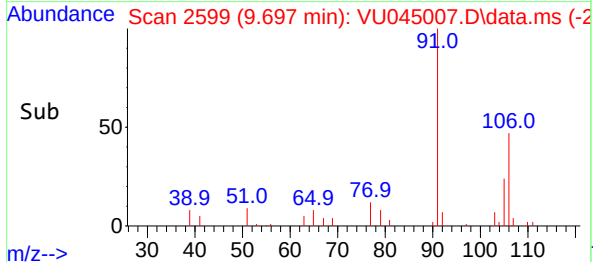
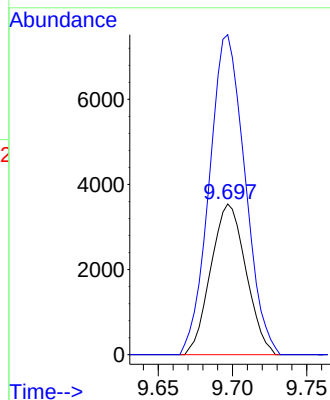
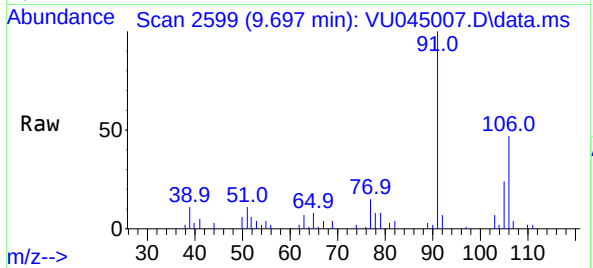




#68
m/p-Xylenes
Concen: 1.14 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

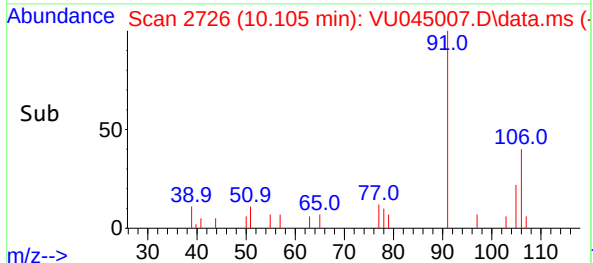
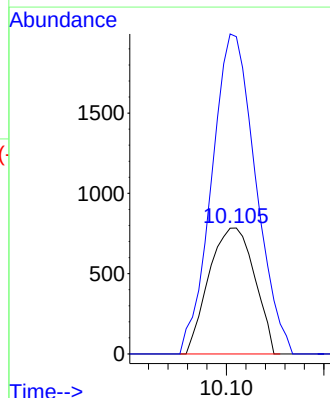
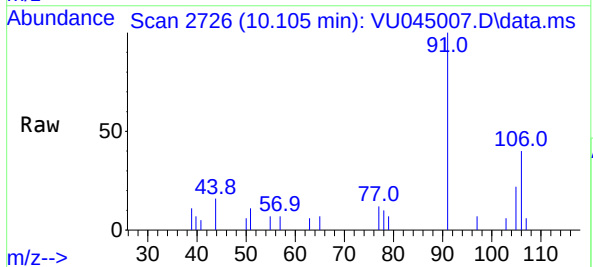
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

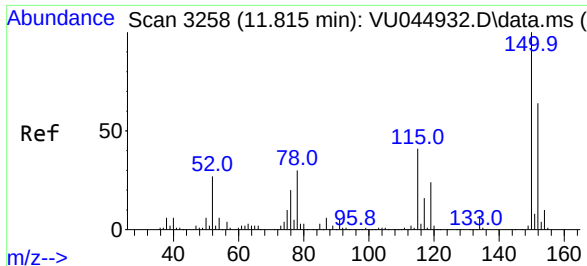
Tgt Ion:106 Resp: 5835
Ion Ratio Lower Upper
106 100
91 215.4 164.2 246.2



#69
o-Xylene
Concen: 0.25 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion:106 Resp: 1275
Ion Ratio Lower Upper
106 100
91 244.4 108.9 326.7

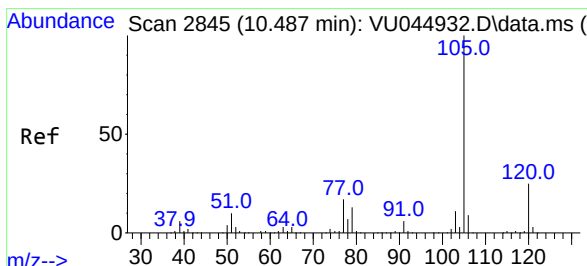
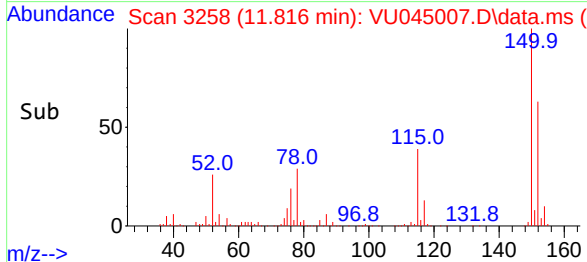
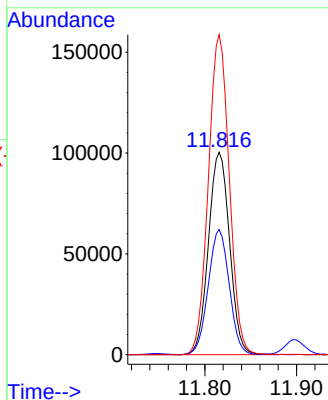
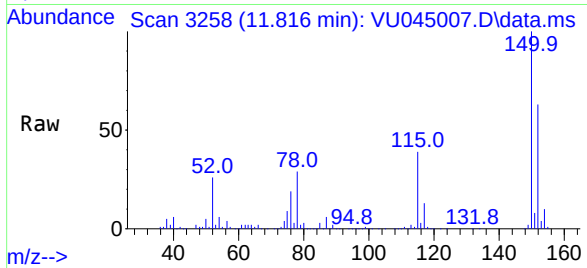




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

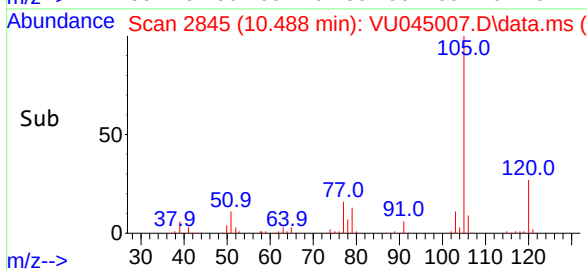
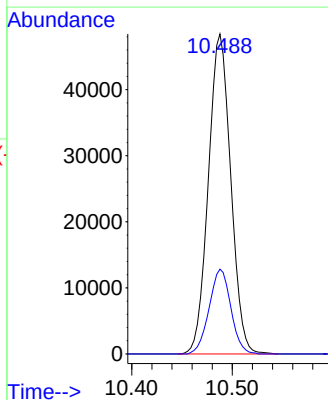
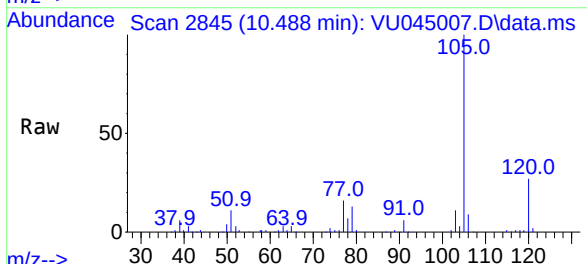
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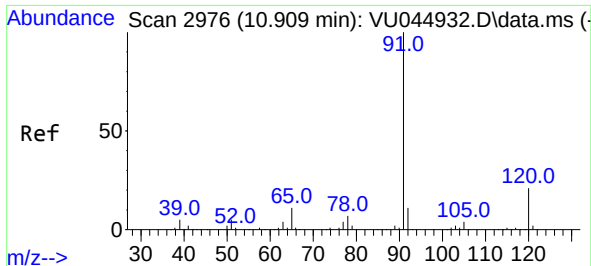
Tgt Ion:152 Resp: 160973
Ion Ratio Lower Upper
152 100
115 61.4 43.5 130.7
150 156.3 0.0 350.0



#73
Isopropylbenzene
Concen: 6.25 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion:105 Resp: 74880
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

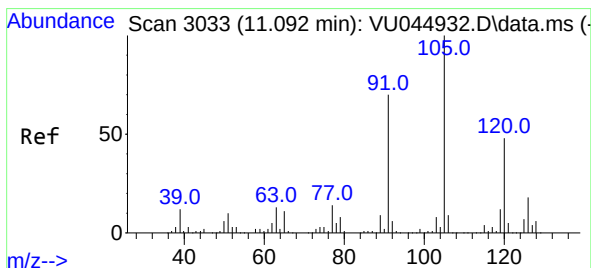
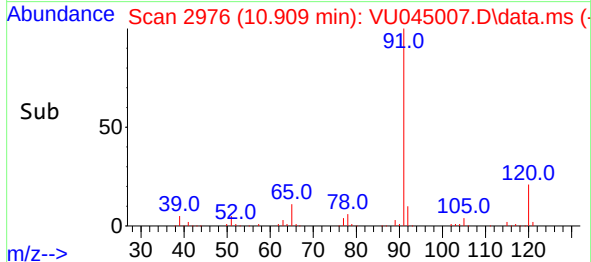
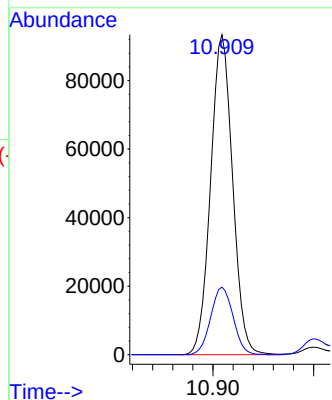
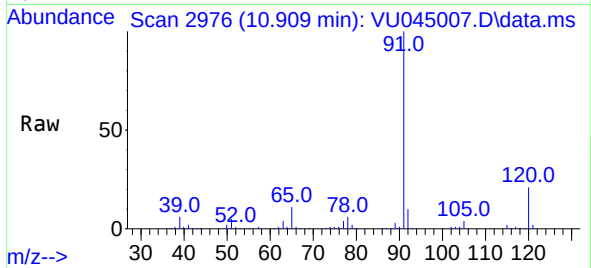




#78
n-propylbenzene
Concen: 9.70 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

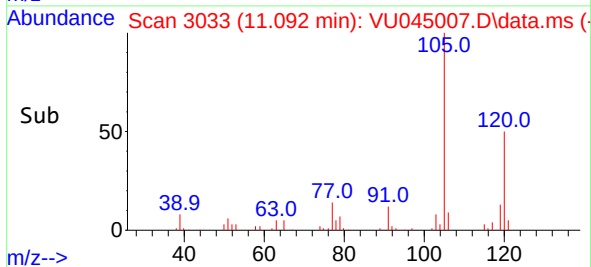
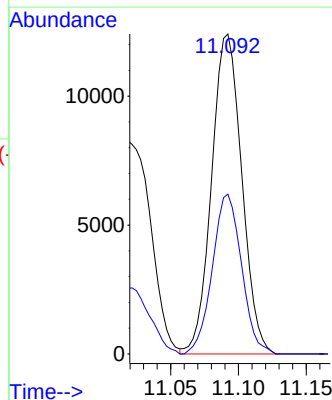
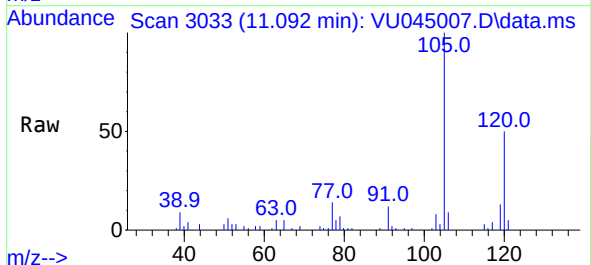
Instrument :
MSVOA_U
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EP-1-MW-4-0921DL

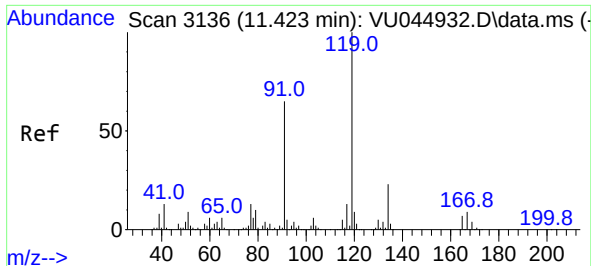
Tgt Ion: 91 Resp: 141633
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 1.83 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion:105 Resp: 19229
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2

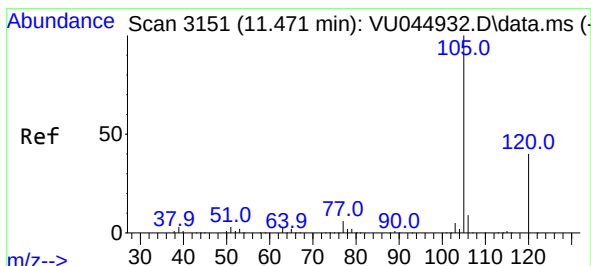
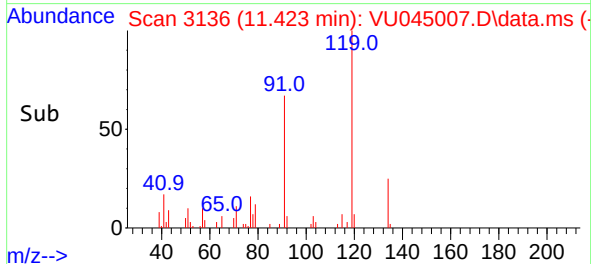
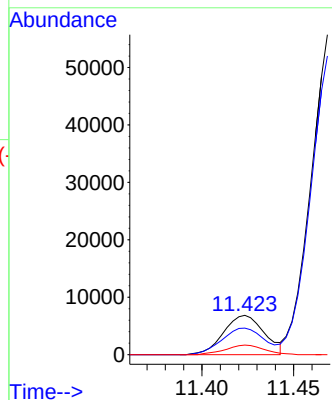
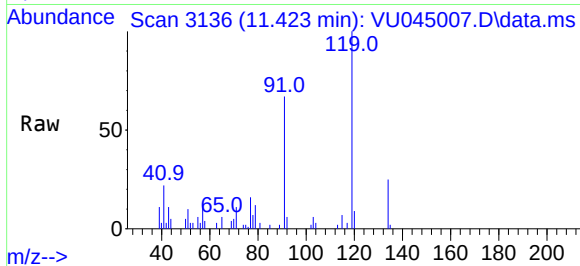




#83
tert-Butylbenzene
Concen: 1.04 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

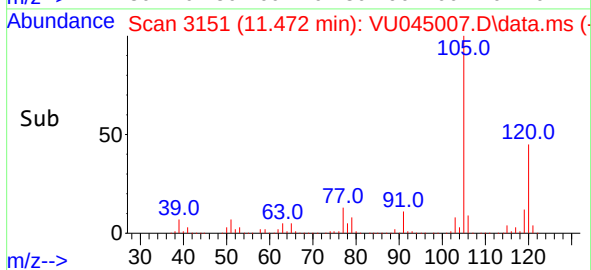
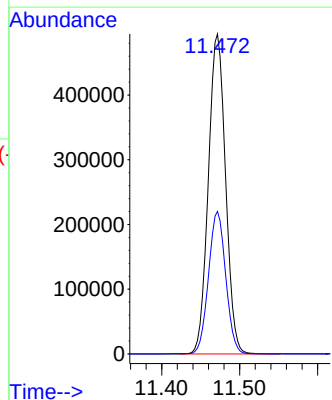
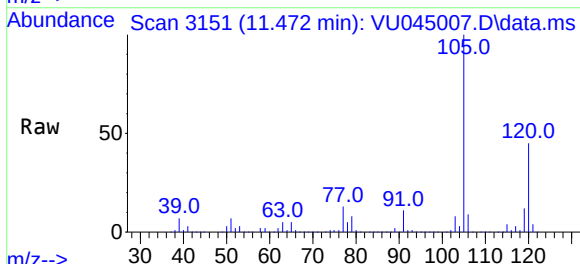
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

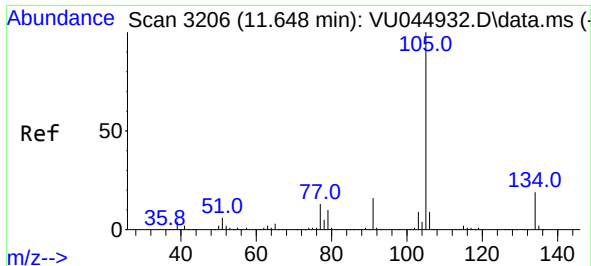
Tgt Ion:	119	Resp:	10583
Ion Ratio	Lower	Upper	
119	100		
91	68.6	30.4	91.2
134	23.3	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 72.94 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Tgt Ion:	105	Resp:	757852
Ion Ratio	Lower	Upper	
105	100		
120	44.4	22.4	67.3

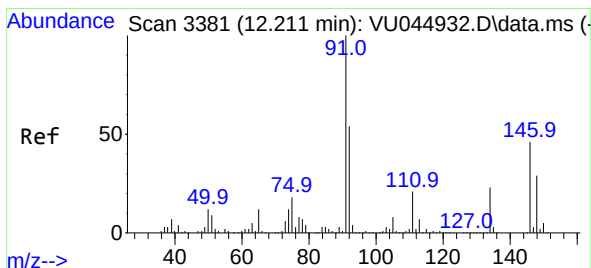
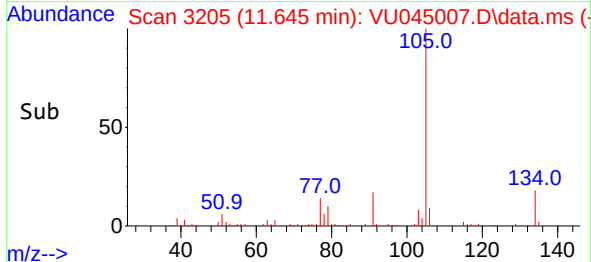
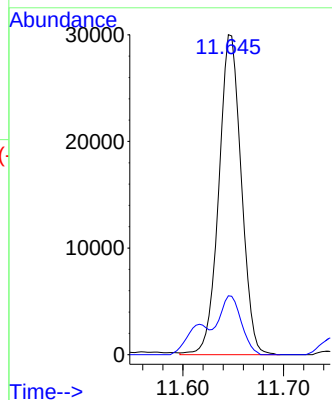
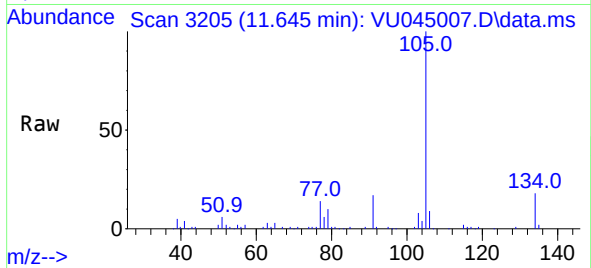




#85
 sec-Butylbenzene
 Concen: 3.53 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.003 min
 Lab File: VU045007.D
 Acq: 29 Sep 2021 20:47

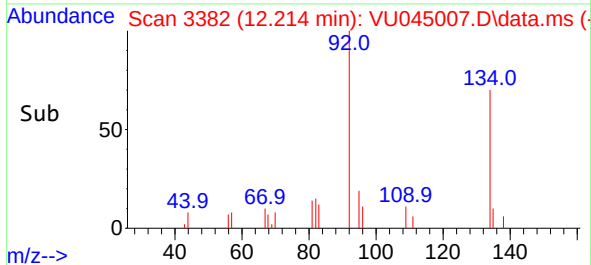
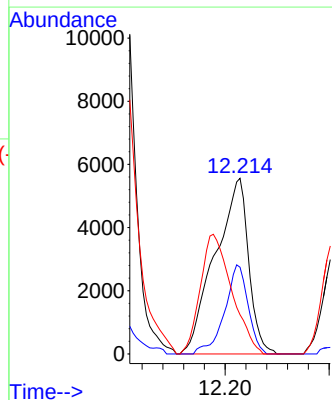
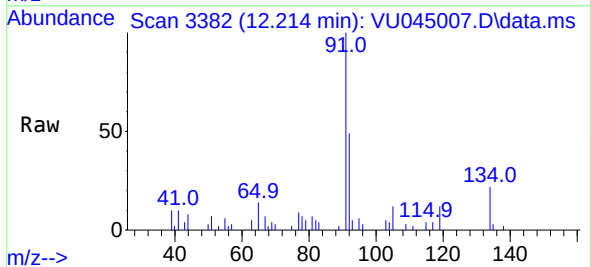
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-4-0921DL

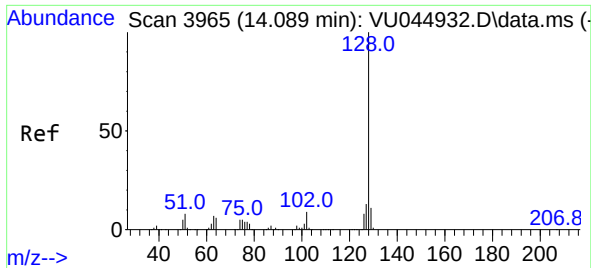
Tgt Ion:105 Resp: 46483
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.3 28.0



#89
 n-Butylbenzene
 Concen: 1.27 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.003 min
 Lab File: VU045007.D
 Acq: 29 Sep 2021 20:47

Tgt Ion: 91 Resp: 12421
 Ion Ratio Lower Upper
 91 100
 92 35.4 26.8 80.4
 134 0.0 11.8 35.4#





#95
Naphthalene
Concen: 4.11 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045007.D
Acq: 29 Sep 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921DL

Tgt Ion:128 Resp: 48763
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 8.6 13.0

