

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044964.D
 Acq On : 29 Sep 2021 00:58
 Operator : SY/MD
 Sample : M3926-03DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Sep 29 05:49:58 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)

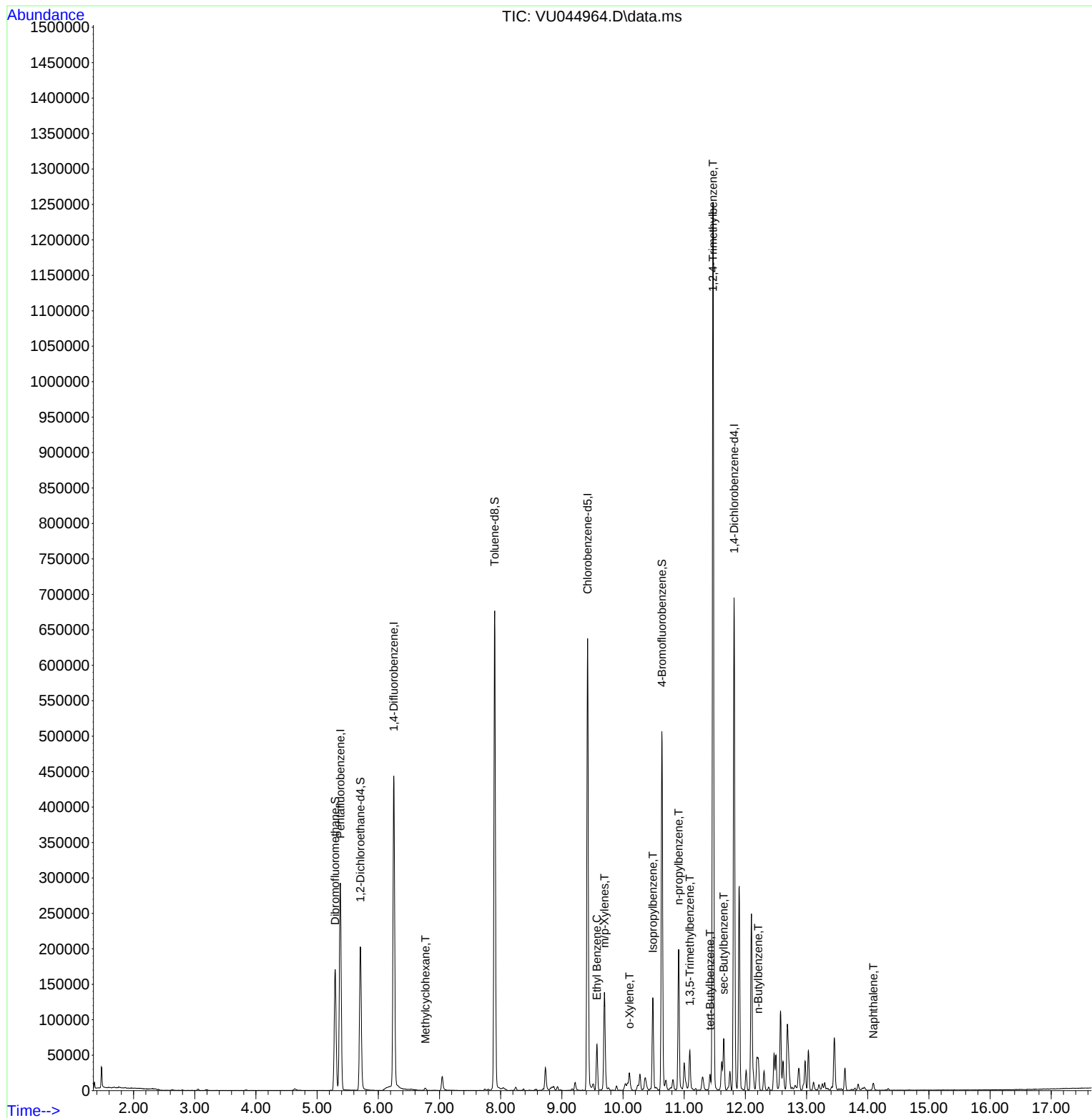
Internal Standards						
1) Pentafluorobenzene	5.379	168	191199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	341759	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	333229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	167996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157853	49.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.295	113	110510	51.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	7.903	98	436369	51.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.460%
62) 4-Bromofluorobenzene	10.636	95	168453	47.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	6.771	83	1293	0.295	ug/l #	80
67) Ethyl Benzene	9.574	91	43620	3.393	ug/l	100
68) m/p-Xylenes	9.697	106	36100	7.228	ug/l	95
69) o-Xylene	10.105	106	6186	1.248	ug/l	93
73) Isopropylbenzene	10.488	105	83209	6.651	ug/l	99
78) n-propylbenzene	10.909	91	150487	9.871	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	28119	2.566	ug/l	99
83) tert-Butylbenzene	11.423	119	9502	0.891	ug/l	90
84) 1,2,4-Trimethylbenzene	11.472	105	664932	61.326	ug/l	100
85) sec-Butylbenzene	11.645	105	47866	3.487	ug/l	100
89) n-Butylbenzene	12.211	91	25184	2.476	ug/l #	80
95) Naphthalene	14.092	128	8793	0.709	ug/l	99

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

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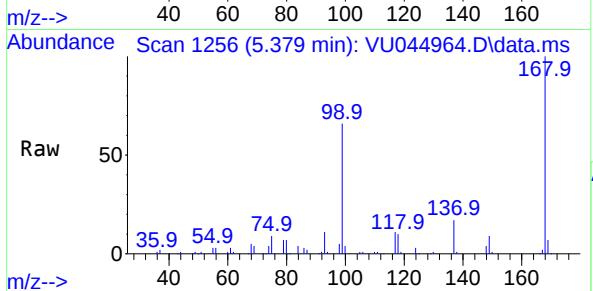
Quant Time: Sep 29 05:49:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
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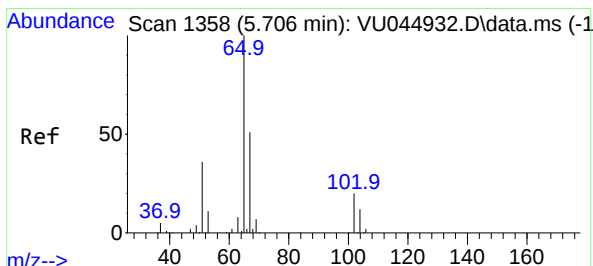
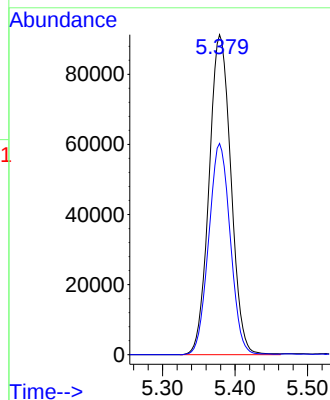
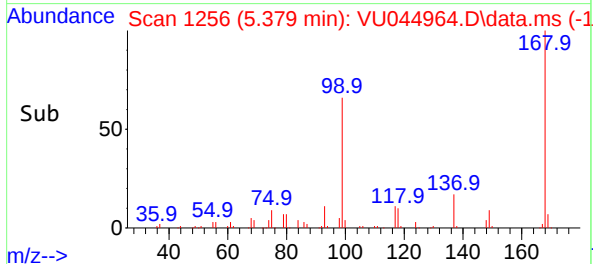


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

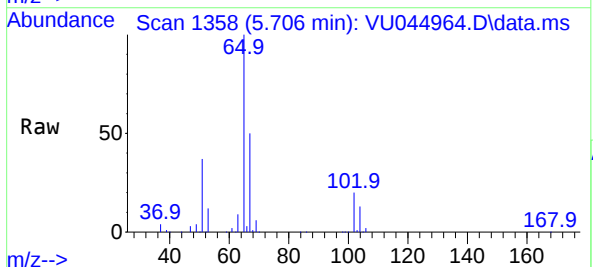
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921DL



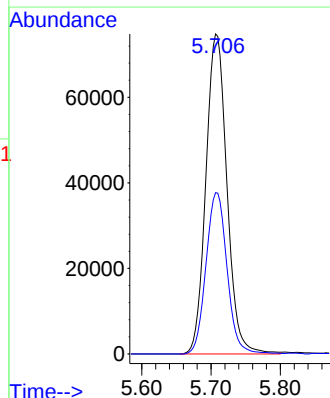
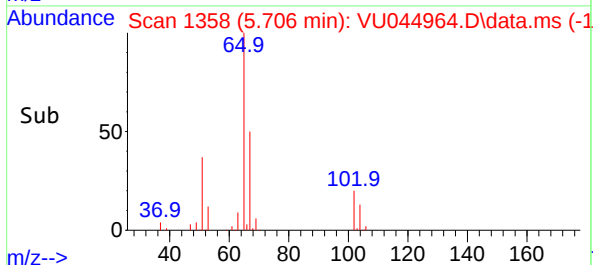
Tgt Ion:168 Resp: 191199
Ion Ratio Lower Upper
168 100
99 66.0 51.4 77.0

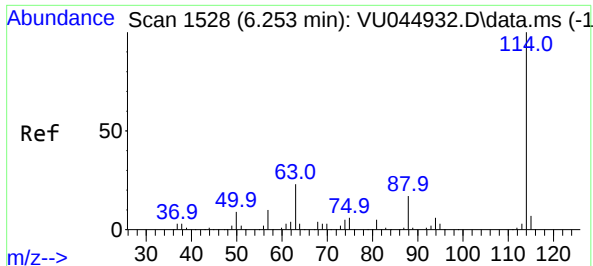


#33
1,2-Dichloroethane-d4
Concen: 49.596 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58



Tgt Ion: 65 Resp: 157853
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044964.D

Acq: 29 Sep 2021 00:58

Instrument :

MSVOA_U

ClientSampleId :

EP-1-MW-3R-0921DL

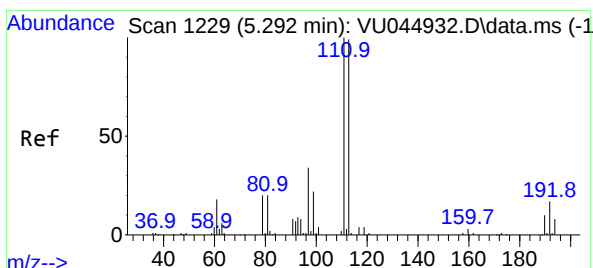
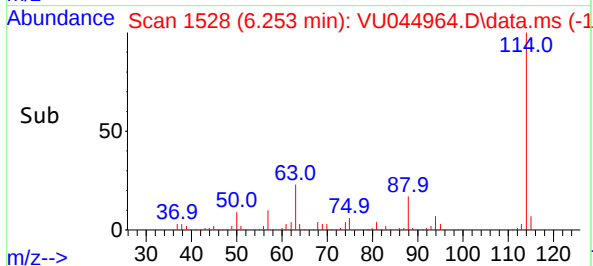
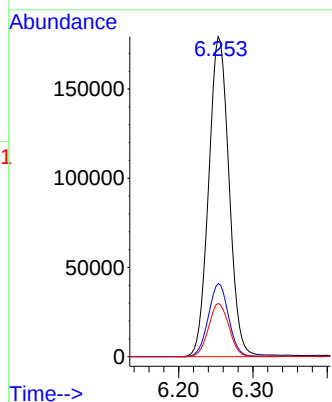
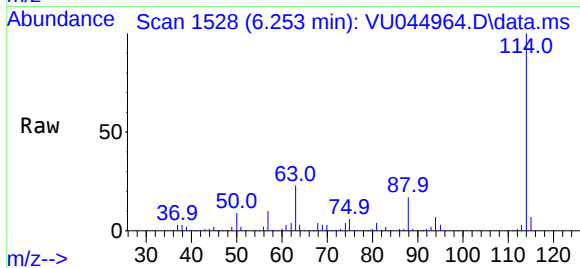
Tgt Ion:114 Resp: 341759

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.259 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044964.D

Acq: 29 Sep 2021 00:58

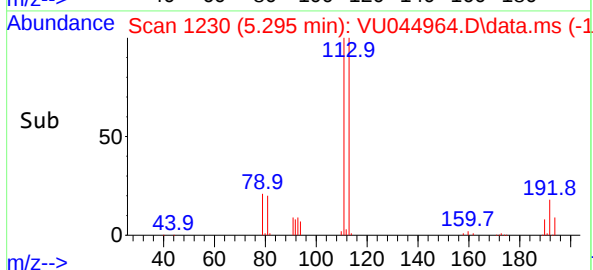
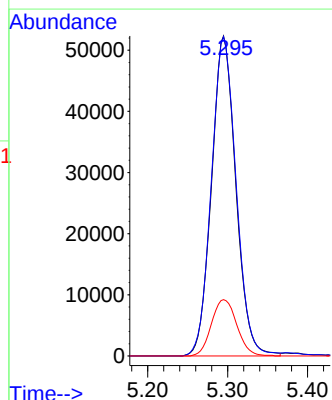
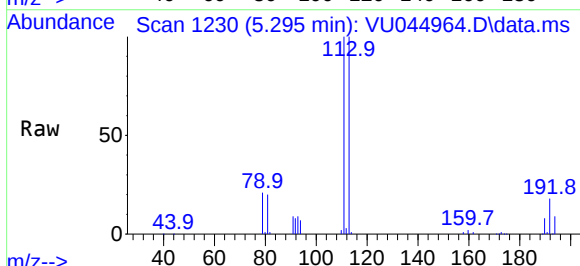
Tgt Ion:113 Resp: 110510

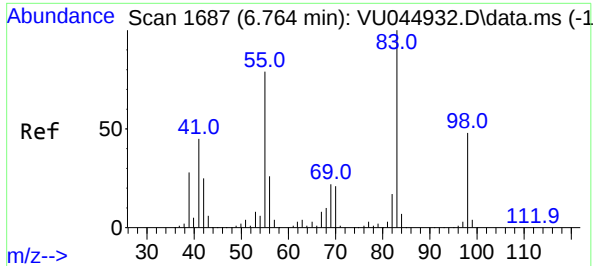
Ion Ratio Lower Upper

113 100

111 101.4 84.1 126.1

192 18.4 14.8 22.2

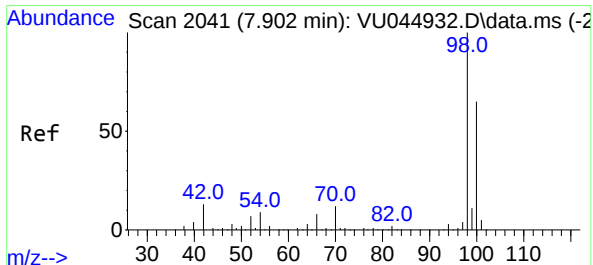
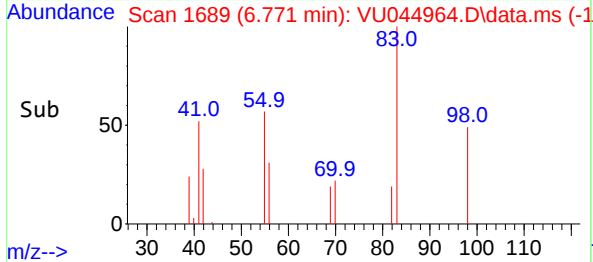
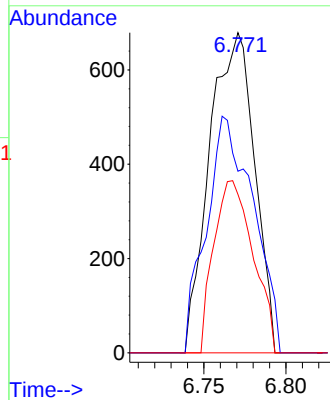
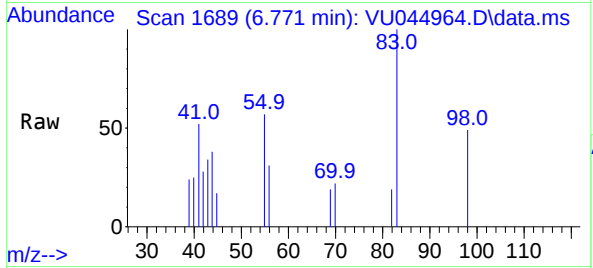




#39
Methylcyclohexane
Concen: 0.295 ug/l
RT: 6.771 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

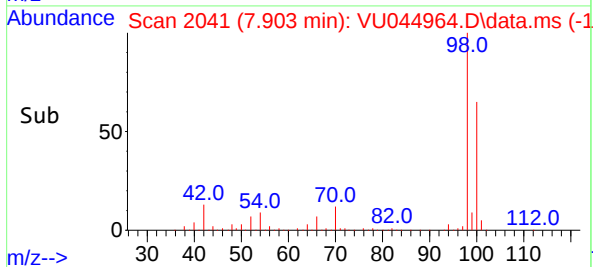
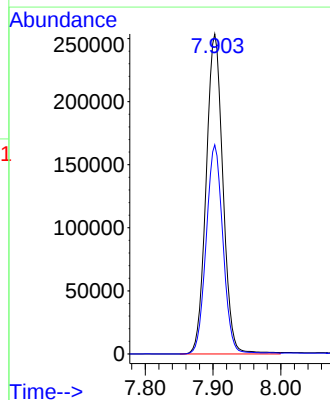
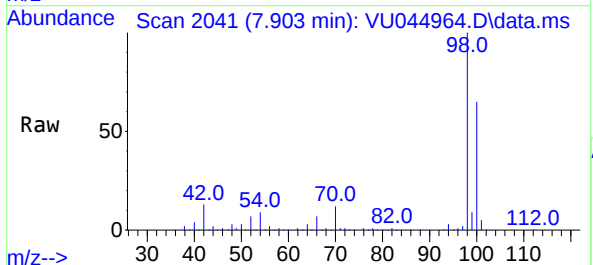
Instrument :
MSVOA_U
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EP-1-MW-3R-0921DL

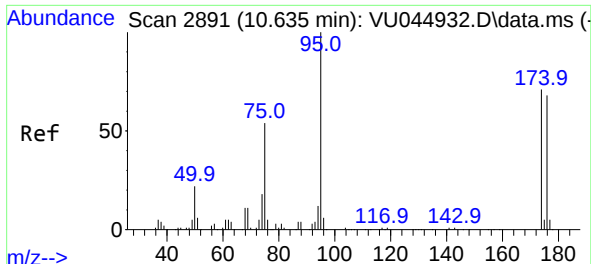
Tgt Ion: 83 Resp: 1293
Ion Ratio Lower Upper
83 100
55 56.7 66.2 99.4#
98 49.5 37.5 56.3



#50
Toluene-d8
Concen: 51.226 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion: 98 Resp: 436369
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

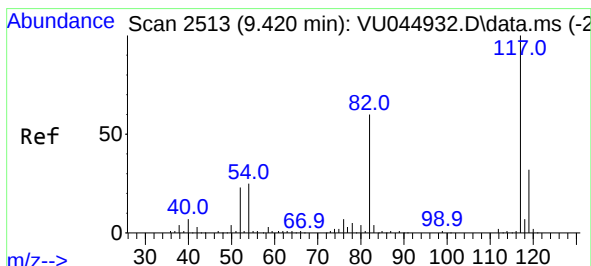
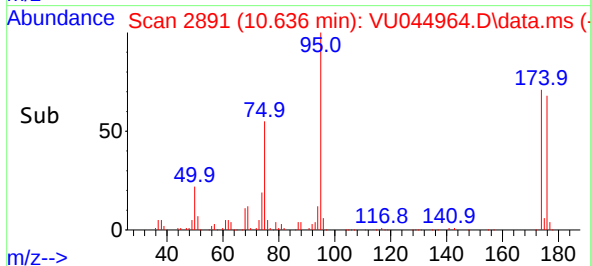
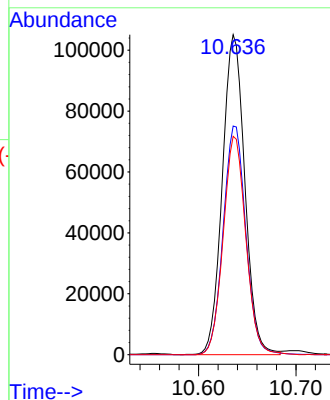
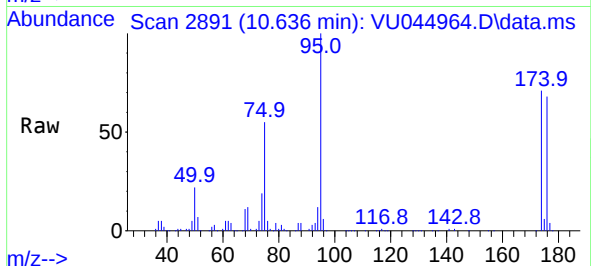




#62
4-Bromofluorobenzene
Concen: 47.899 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

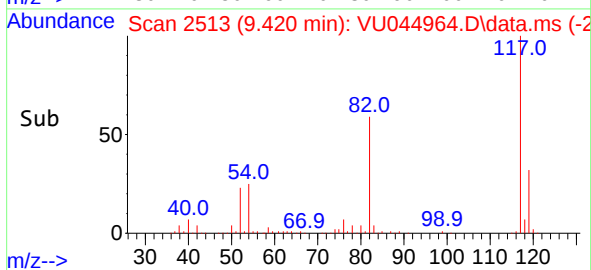
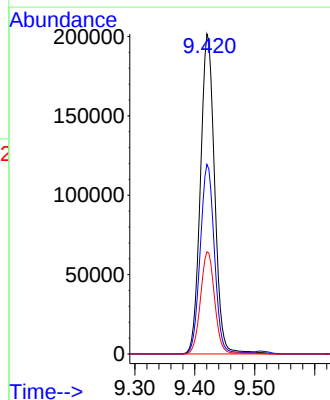
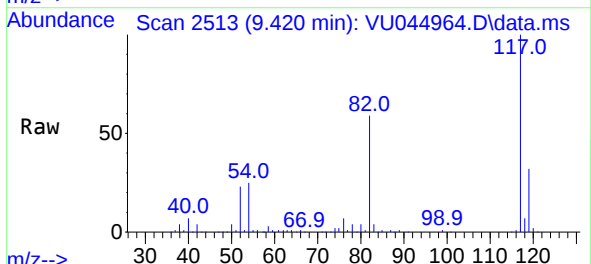
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921DL

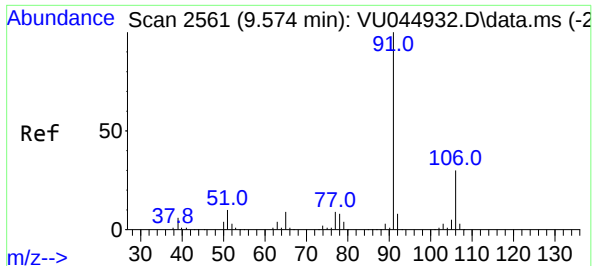
Tgt Ion: 95 Resp: 168453
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.6
176 68.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion: 117 Resp: 333229
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 31.9 25.8 38.6





#67

Ethyl Benzene

Concen: 3.393 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044964.D

Acq: 29 Sep 2021 00:58

Instrument :

MSVOA_U

ClientSampleId :

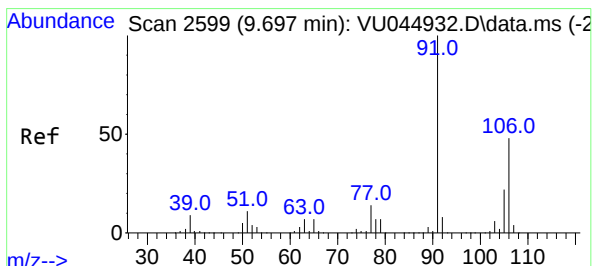
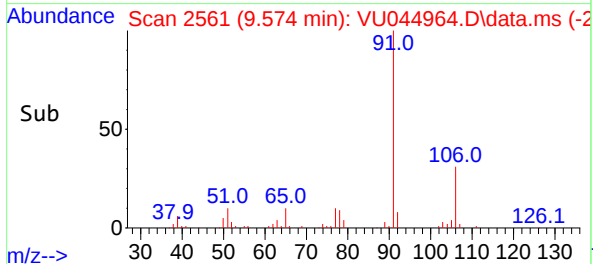
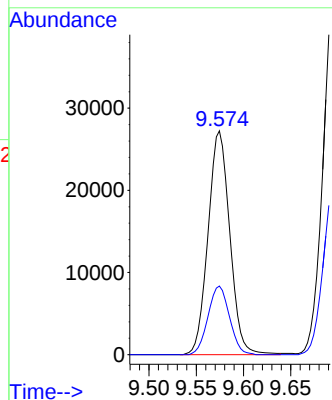
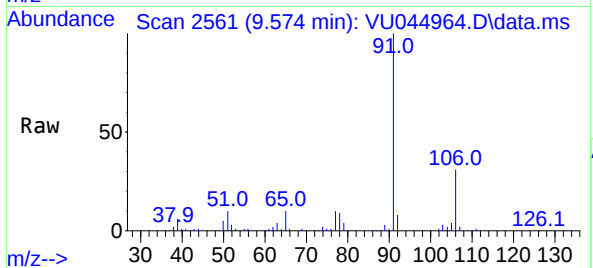
EP-1-MW-3R-0921DL

Tgt Ion: 91 Resp: 43620

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



#68

m/p-Xylenes

Concen: 7.228 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044964.D

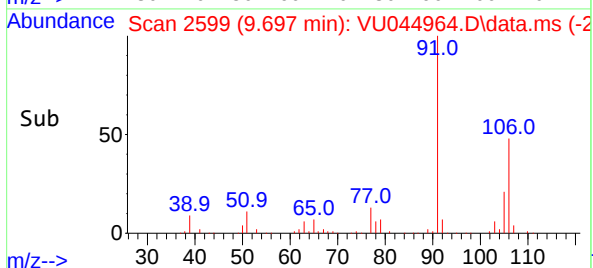
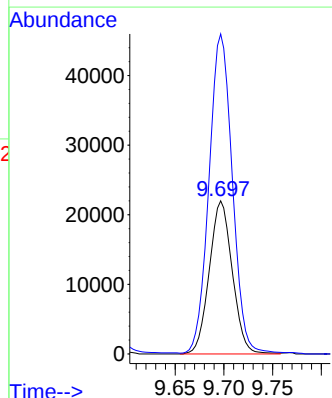
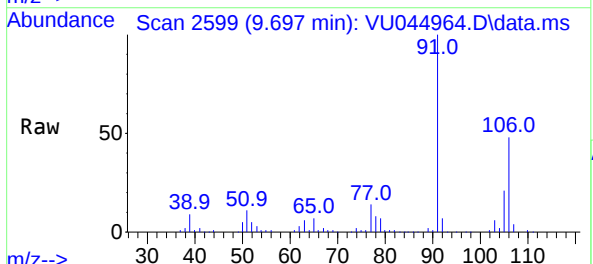
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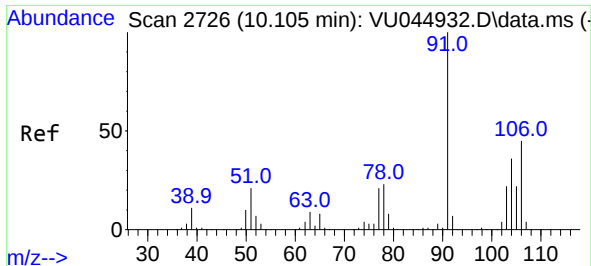
Tgt Ion: 106 Resp: 36100

Ion Ratio Lower Upper

106 100

91 213.1 164.2 246.2

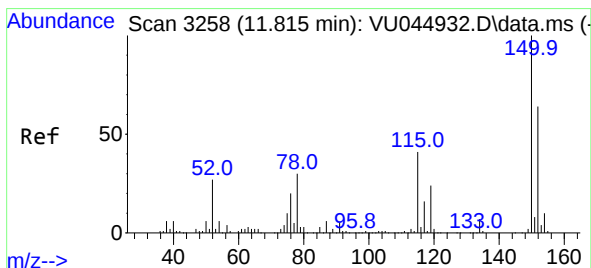
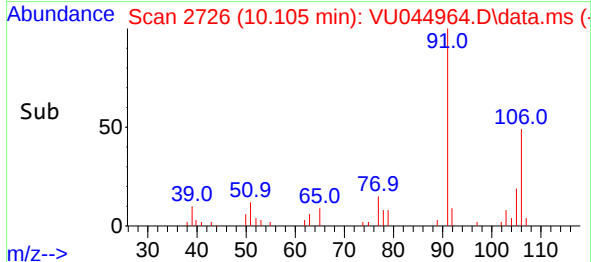
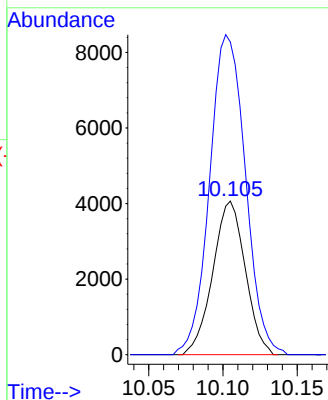
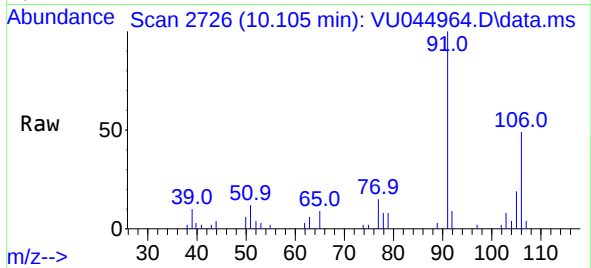




#69
o-Xylene
Concen: 1.248 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

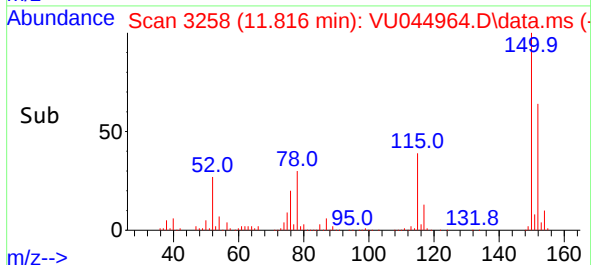
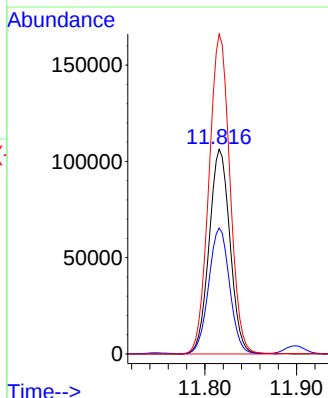
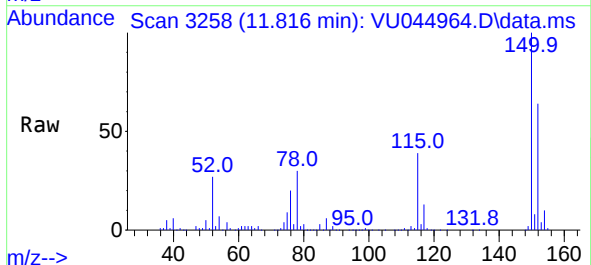
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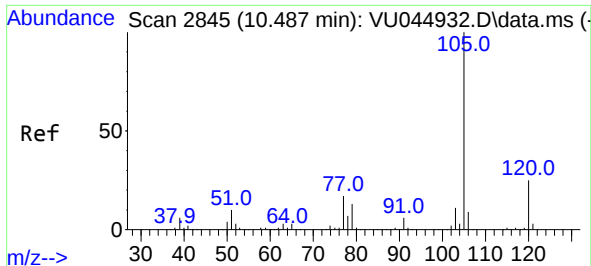
Tgt Ion:106 Resp: 6186
Ion Ratio Lower Upper
106 100
91 229.6 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion:152 Resp: 167996
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.7
150 157.0 0.0 350.0

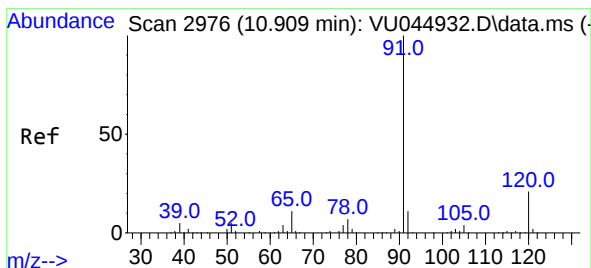
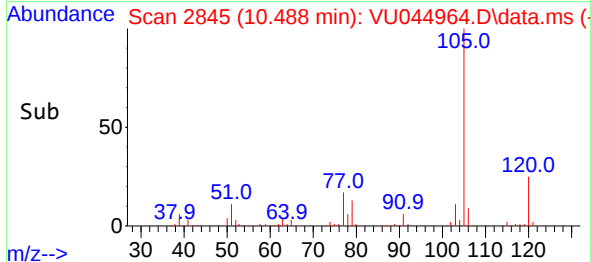
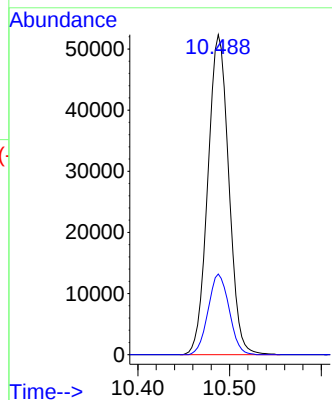
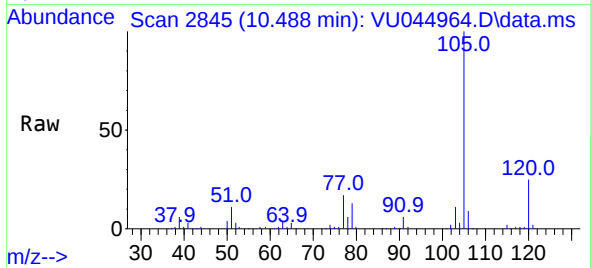




#73
Isopropylbenzene
Concen: 6.651 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

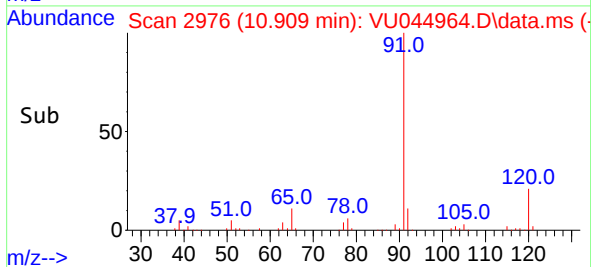
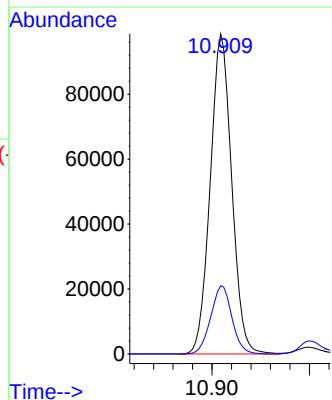
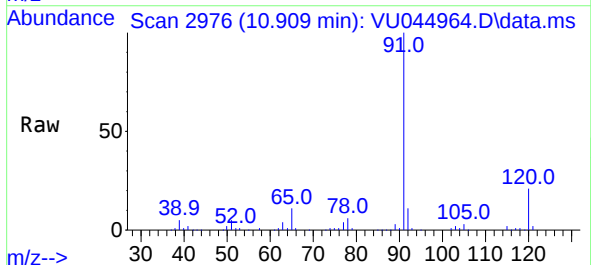
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921DL

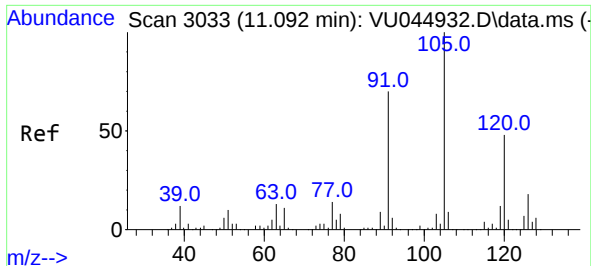
Tgt Ion:105 Resp: 83209
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3



#78
n-propylbenzene
Concen: 9.871 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion: 91 Resp: 150487
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4

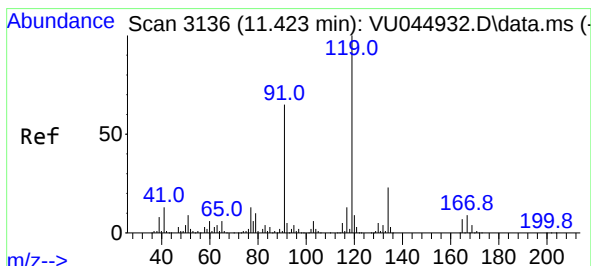
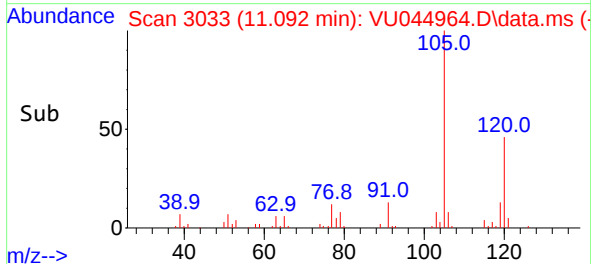
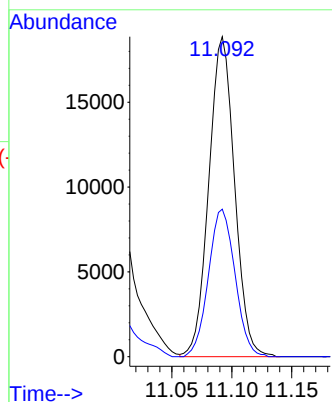
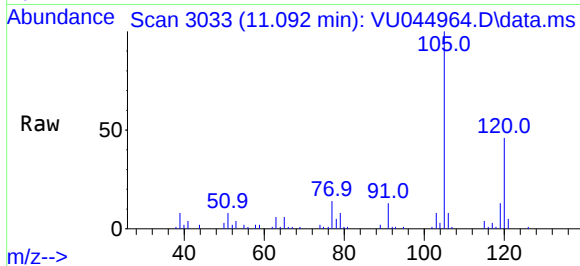




#80
1,3,5-Trimethylbenzene
Concen: 2.566 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

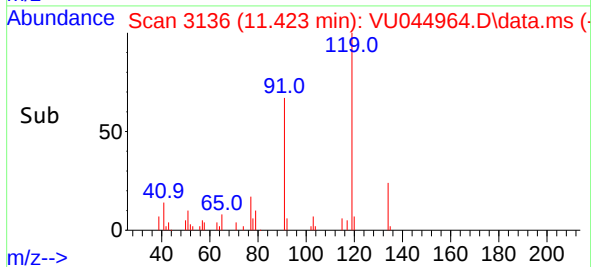
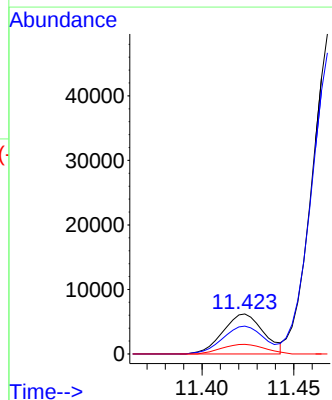
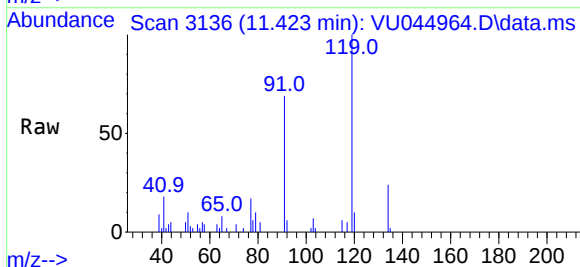
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921DL

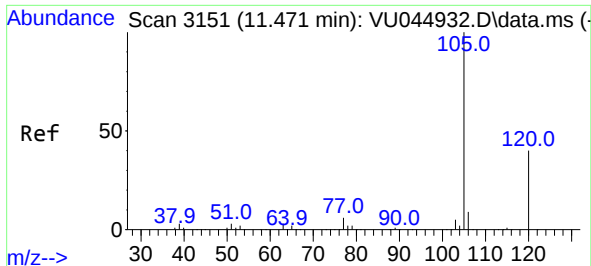
Tgt Ion:105 Resp: 28119
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2



#83
tert-Butylbenzene
Concen: 0.891 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion:119 Resp: 9502
Ion Ratio Lower Upper
119 100
91 69.5 30.4 91.2
134 25.4 11.5 34.5

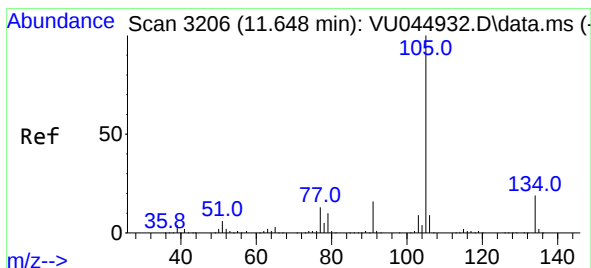
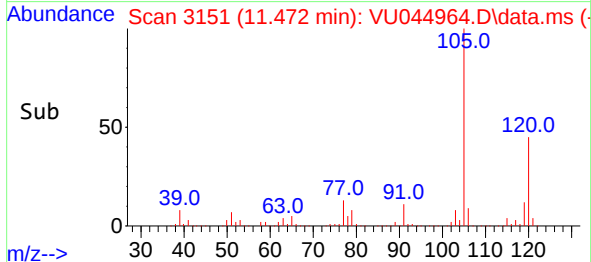
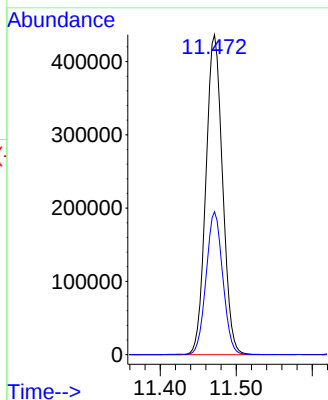
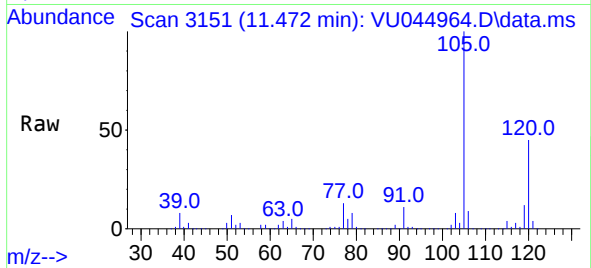




#84
1,2,4-Trimethylbenzene
Concen: 61.326 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

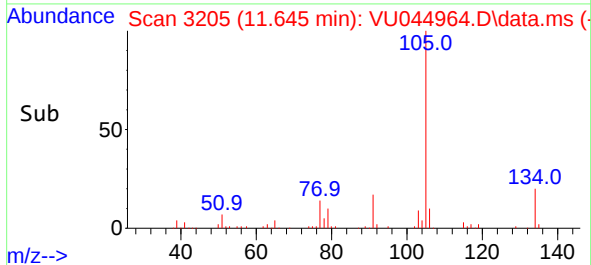
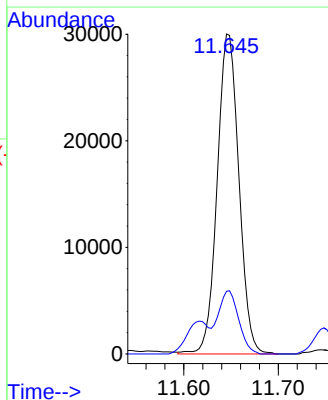
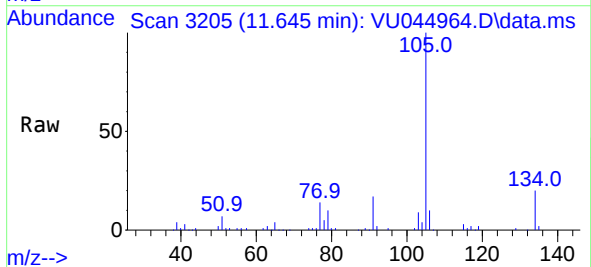
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-3R-0921DL

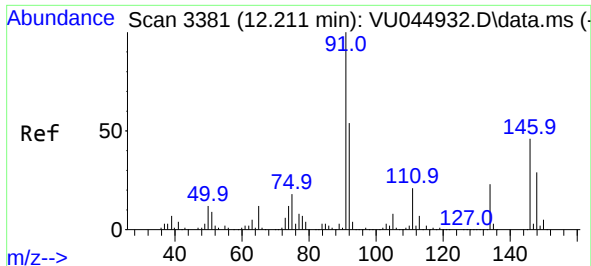
Tgt Ion:105 Resp: 664932
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3



#85
sec-Butylbenzene
Concen: 3.487 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.003 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion:105 Resp: 47866
Ion Ratio Lower Upper
105 100
134 18.6 9.3 28.0

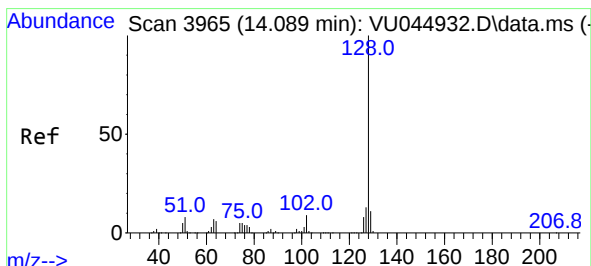
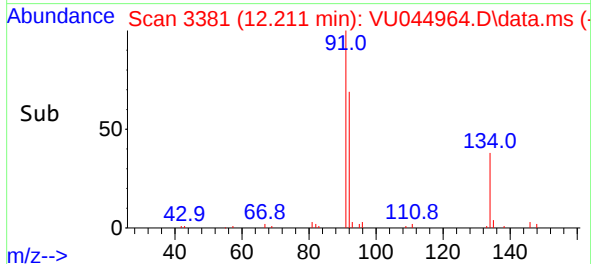
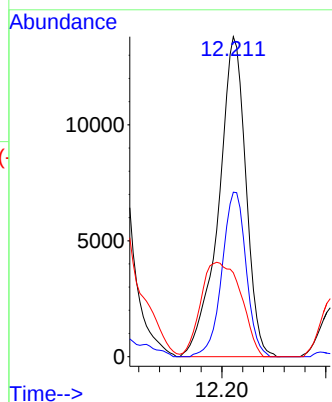
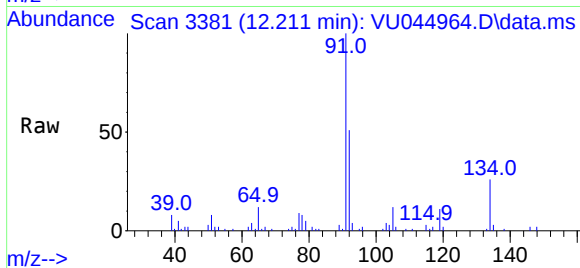




#89
n-Butylbenzene
Concen: 2.476 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

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

Tgt Ion: 91	Resp: 25184
Ion Ratio	Lower Upper
91	100
92	45.4 26.8 80.4
134	43.4 11.8 35.4#



#95
Naphthalene
Concen: 0.709 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044964.D
Acq: 29 Sep 2021 00:58

Tgt Ion: 128	Resp: 8793
Ion Ratio	Lower Upper
128	100
127	12.0 10.4 15.6
129	10.9 8.6 13.0

