

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045006.D
 Acq On : 29 Sep 2021 20:23
 Operator : SY/MD
 Sample : M3926-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 01 12:04:44 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)

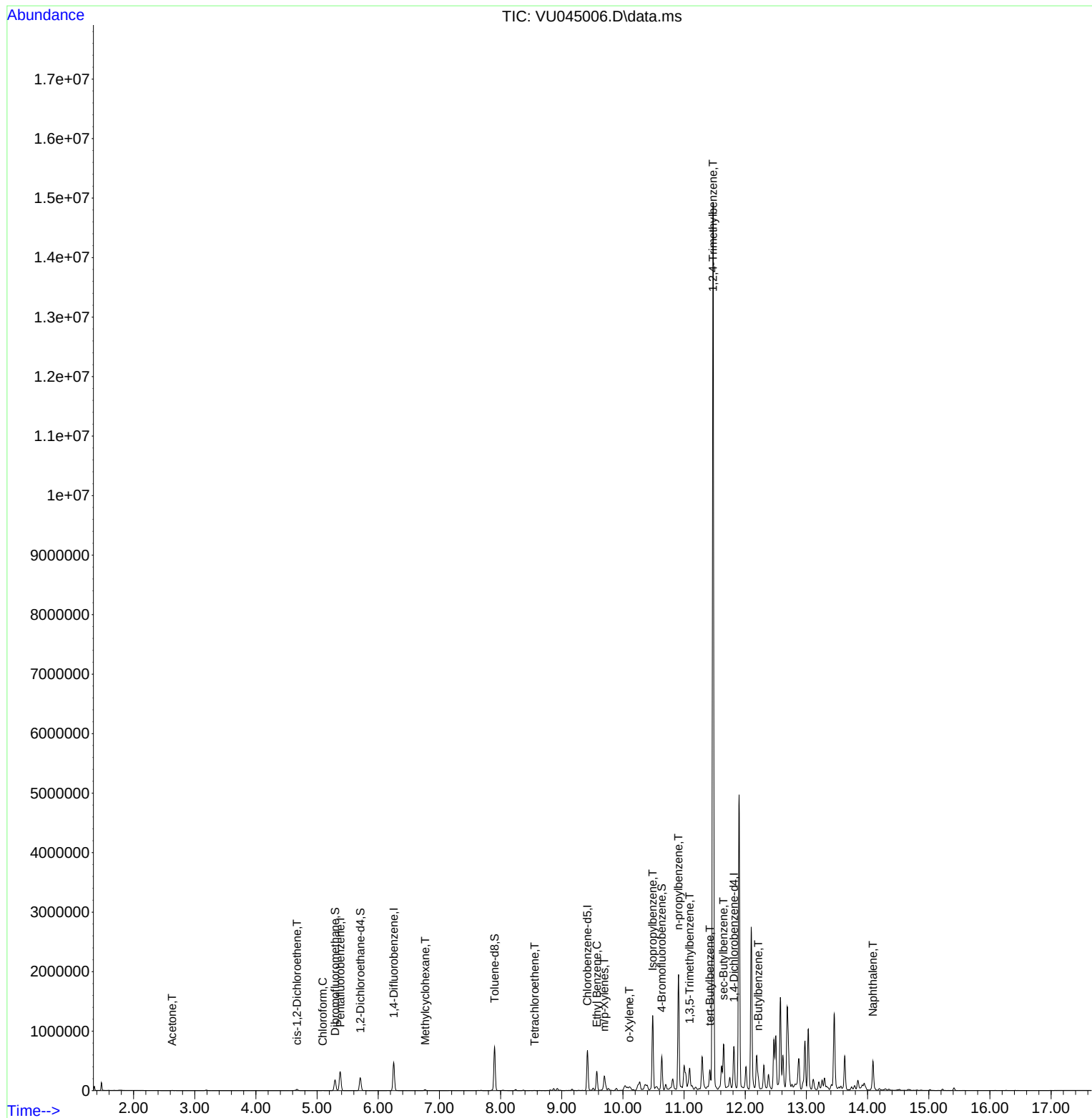
Internal Standards						
1) Pentafluorobenzene	5.378	168	206771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	367953	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	345514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	167948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	162666	47.26	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.52%
35) Dibromofluoromethane	5.295	113	115091	49.58	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.16%
50) Toluene-d8	7.902	98	463674	50.56	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.12%
62) 4-Bromofluorobenzene	10.635	95	176255	46.55	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.10%
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	4213	2.06	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	10382	3.28	ug/l	88
30) Chloroform	5.092	83	2073	0.39	ug/l	96
39) Methylcyclohexane	6.767	83	6999	1.48	ug/l	93
64) Tetrachloroethene	8.558	164	740	0.33	ug/l	89
67) Ethyl Benzene	9.574	91	210456	15.79	ug/l	100
68) m/p-Xylenes	9.697	106	53823	10.39	ug/l	97
69) o-Xylene	10.102	106	12665	2.46	ug/l	97
73) Isopropylbenzene	10.488	105	781226	62.46	ug/l	100
78) n-propylbenzene	10.909	91	1460188	95.80	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	176572	16.12	ug/l	100
83) tert-Butylbenzene	11.423	119	102311	9.60	ug/l	89
84) 1,2,4-Trimethylbenzene	11.475	105	7650547	705.80	ug/l	100
85) sec-Butylbenzene	11.645	105	456511	33.26	ug/l	98
89) n-Butylbenzene	12.211	91	122761	12.07	ug/l #	70
95) Naphthalene	14.089	128	365818	29.52	ug/l	99

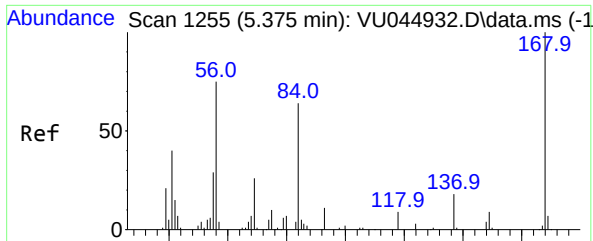
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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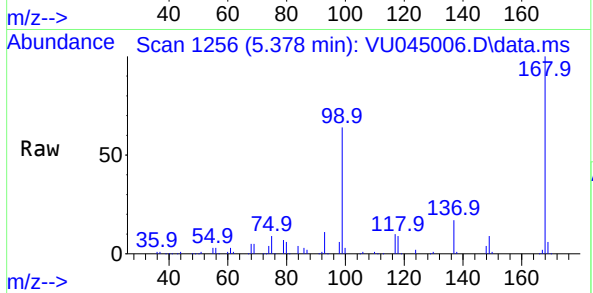
Quant Time: Oct 01 12:04:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
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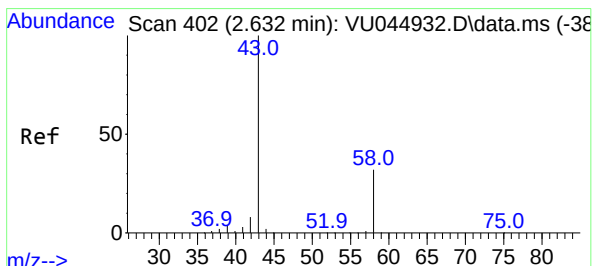
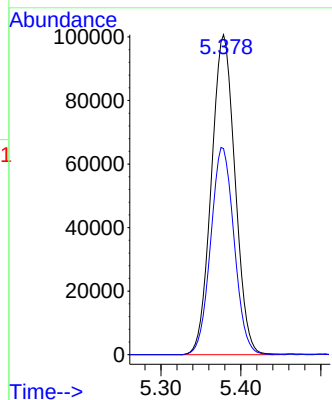
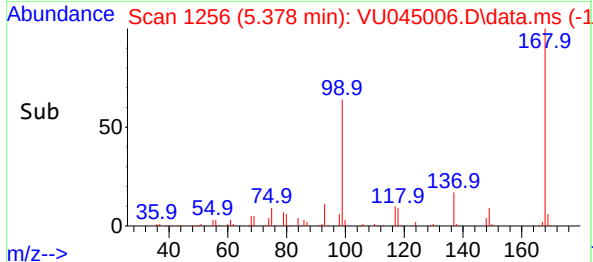


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

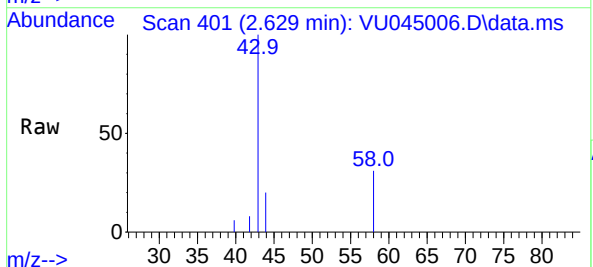
Instrument :
MSVOA_U
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EP-1-MW-4-0921



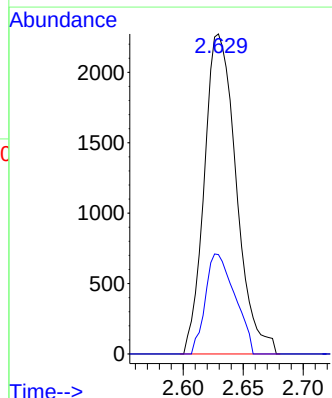
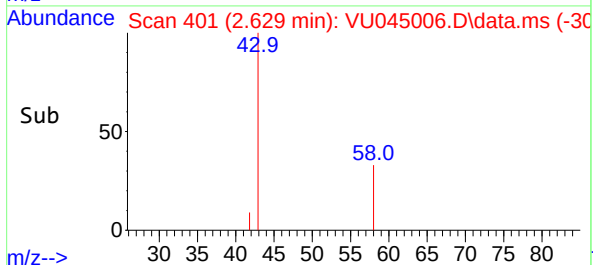
Tgt Ion:168 Resp: 206771
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0

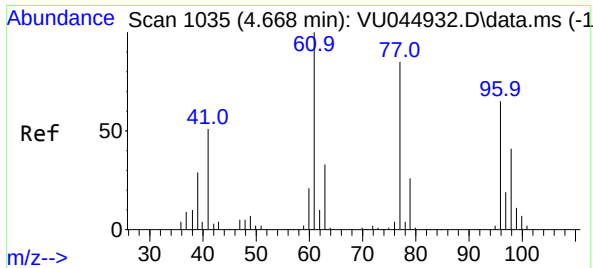


#16
Acetone
Concen: 2.06 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23



Tgt Ion: 43 Resp: 4213
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8

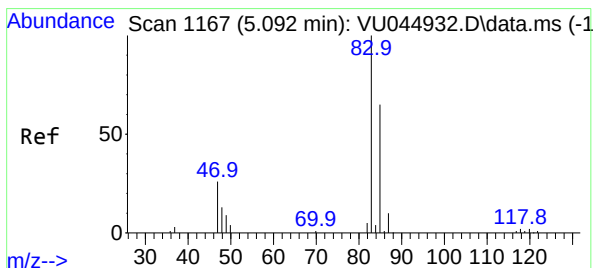
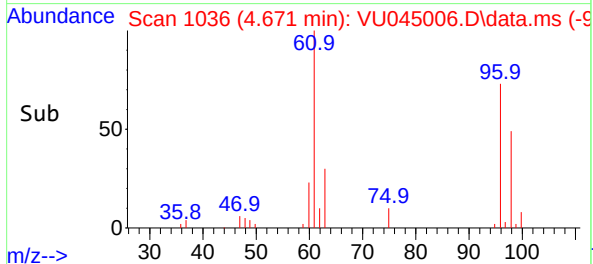
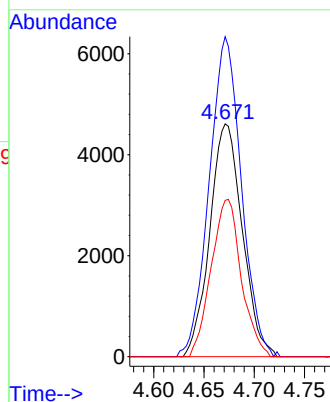
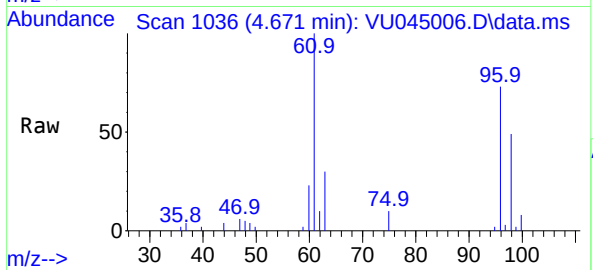




#27
cis-1,2-Dichloroethene
Concen: 3.28 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

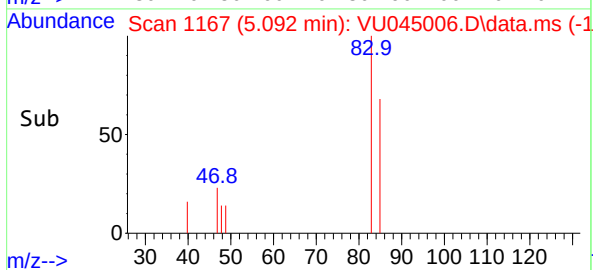
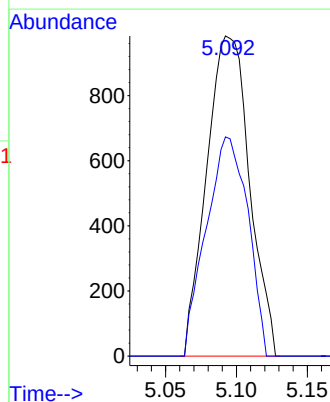
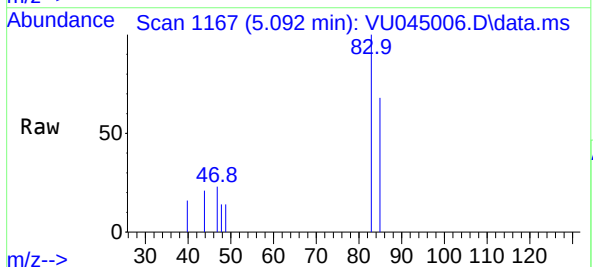
Instrument :
MSVOA_U
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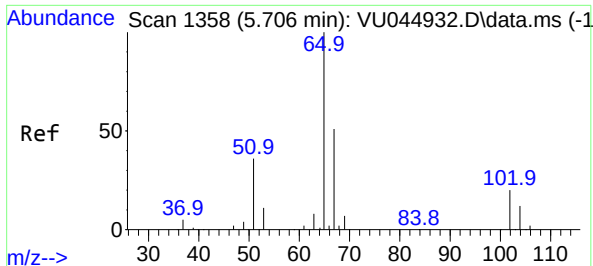
Tgt Ion: 96 Resp: 10382
Ion Ratio Lower Upper
96 100
61 135.7 0.0 313.4
98 62.5 0.0 127.0



#30
Chloroform
Concen: 0.39 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion: 83 Resp: 2073
Ion Ratio Lower Upper
83 100
85 68.5 52.1 78.1



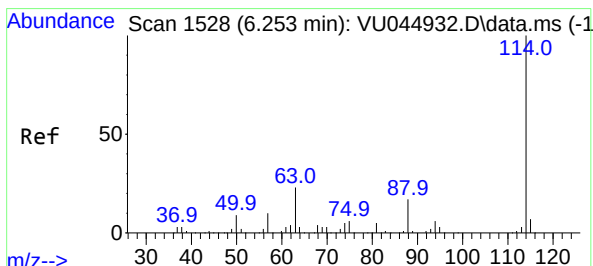
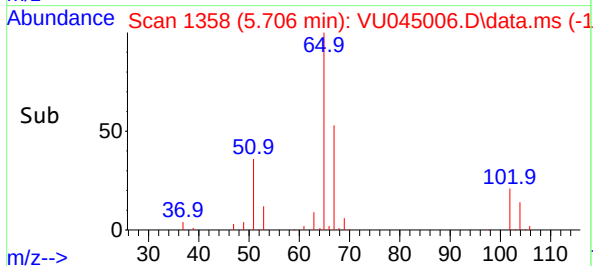
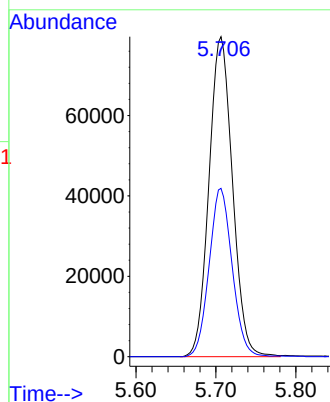
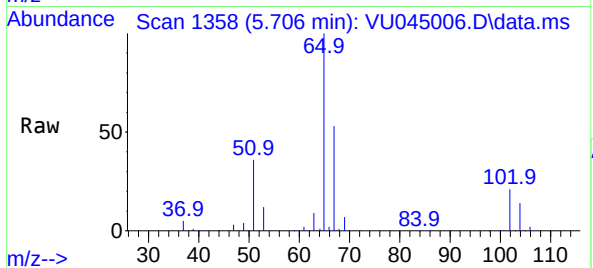


#33

1,2-Dichloroethane-d4
Concen: 47.26 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

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

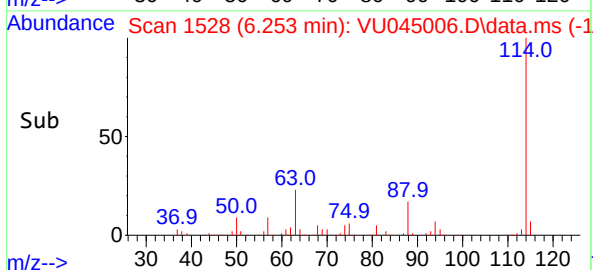
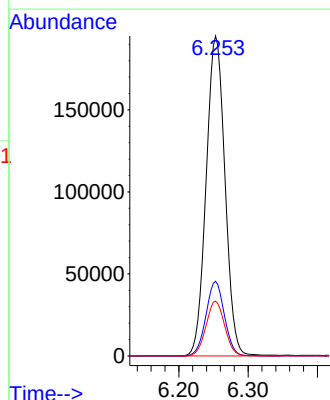
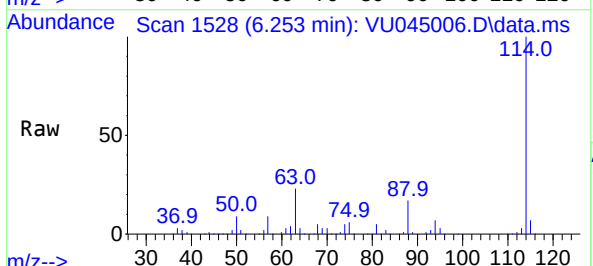
Tgt Ion: 65 Resp: 162666
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

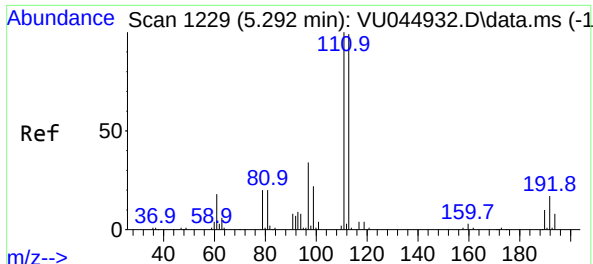


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion: 114 Resp: 367953
Ion Ratio Lower Upper
114 100
63 23.3 0.0 47.8
88 17.2 0.0 32.8

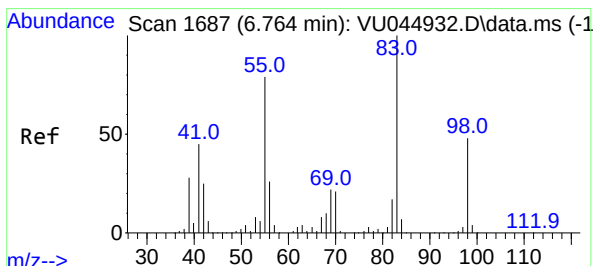
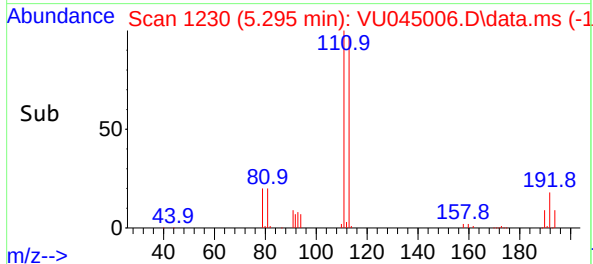
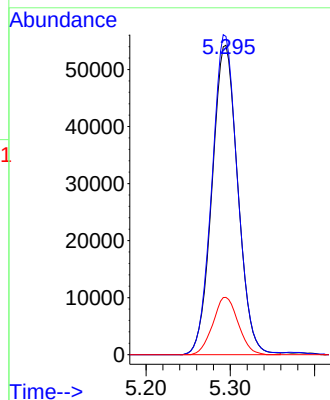
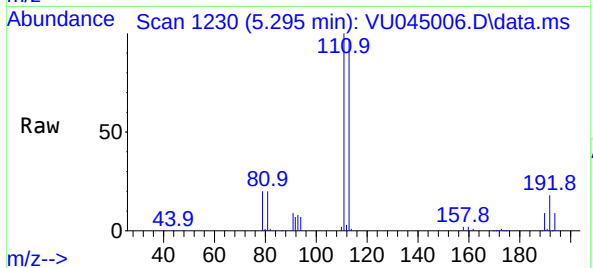




#35
Dibromofluoromethane
Concen: 49.58 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

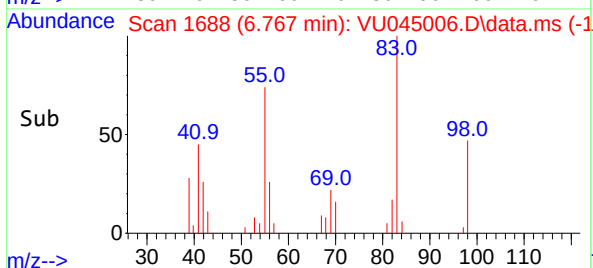
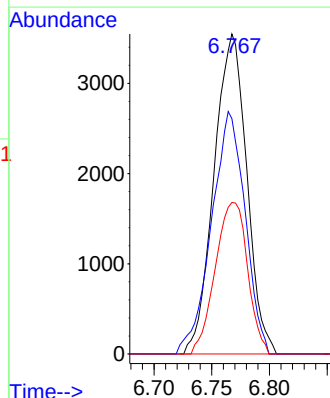
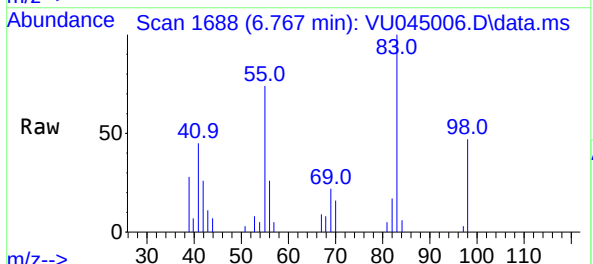
Instrument :
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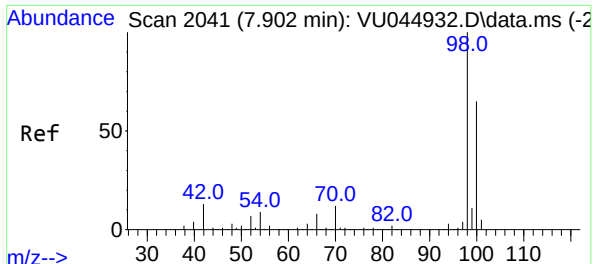
Tgt Ion:113 Resp: 115091
Ion Ratio Lower Upper
113 100
111 102.7 84.1 126.1
192 18.2 14.8 22.2



#39
Methylcyclohexane
Concen: 1.48 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion: 83 Resp: 6999
Ion Ratio Lower Upper
83 100
55 73.6 66.2 99.4
98 47.4 37.5 56.3

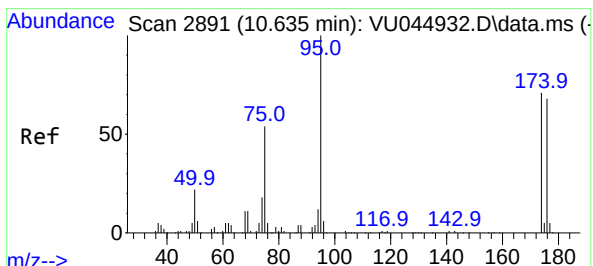
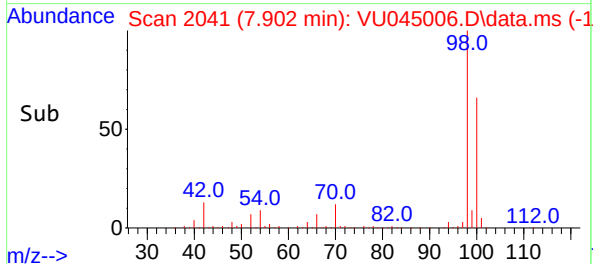
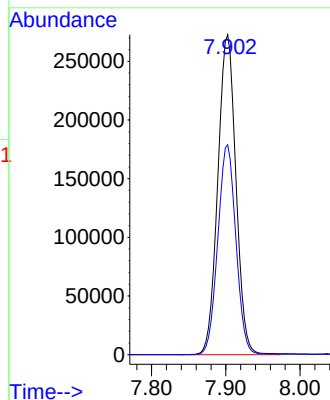
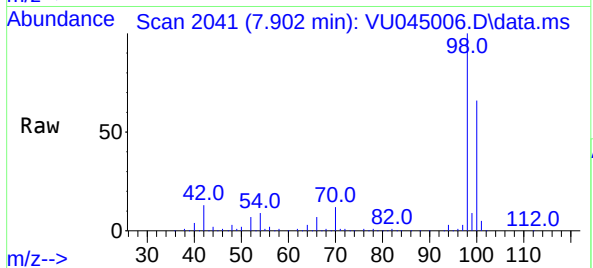




#50
Toluene-d8
Concen: 50.56 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

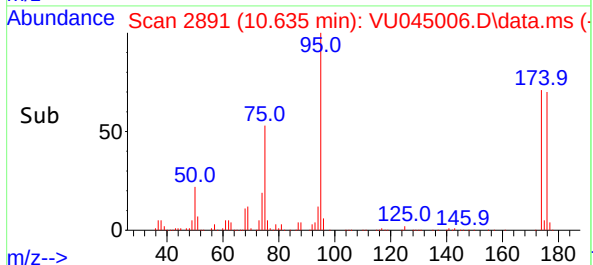
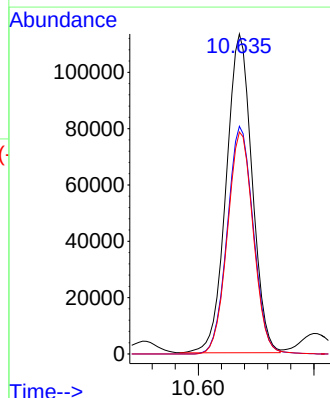
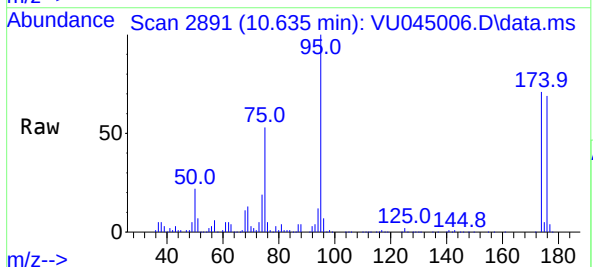
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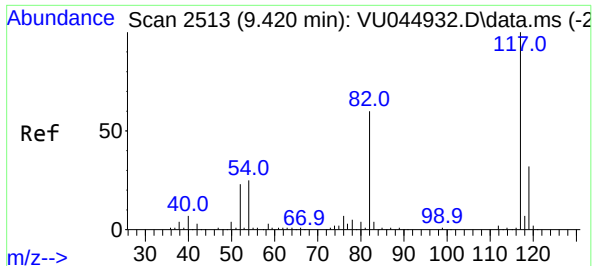
Tgt Ion: 98 Resp: 463674
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.55 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion: 95 Resp: 176255
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.6
176 69.6 0.0 141.2

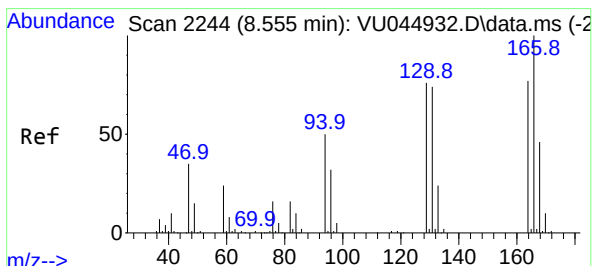
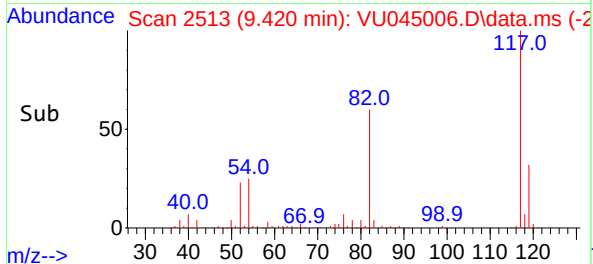
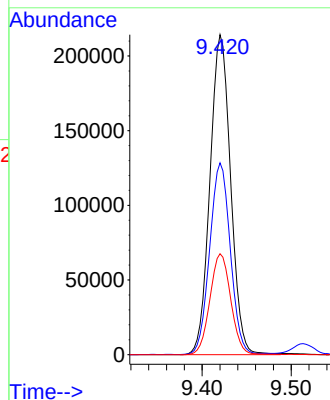
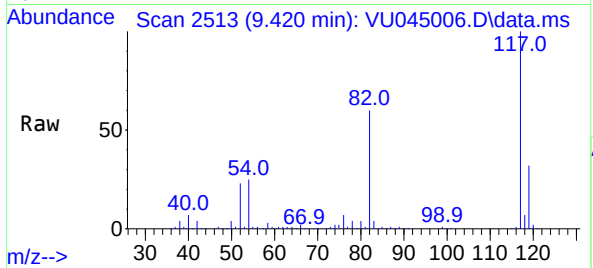




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

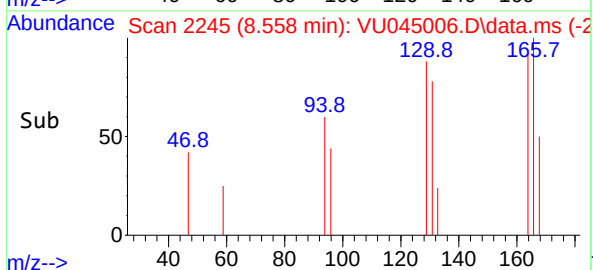
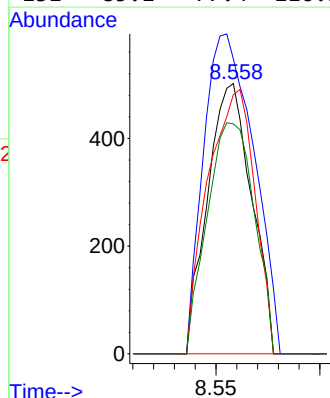
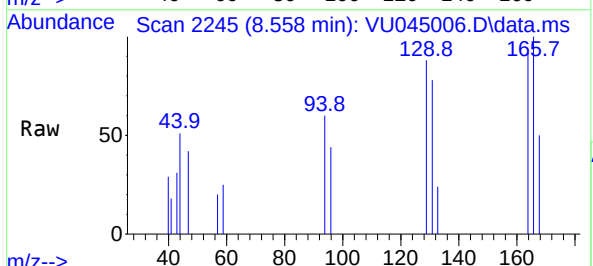
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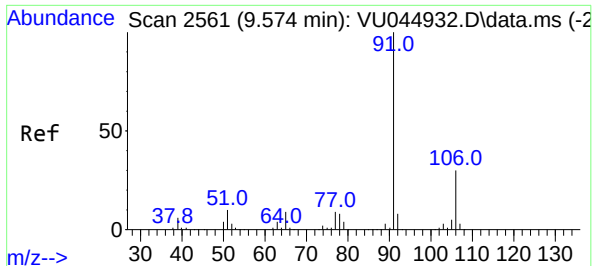
Tgt Ion:117 Resp: 345514
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 0.33 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion:164 Resp: 740
Ion Ratio Lower Upper
164 100
166 109.2 102.8 154.2
129 95.8 79.4 119.2
131 85.1 77.4 116.2





#67

Ethyl Benzene

Concen: 15.79 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045006.D

Acq: 29 Sep 2021 20:23

Tgt Ion: 91 Resp: 210456

Ion Ratio Lower Upper

91 100

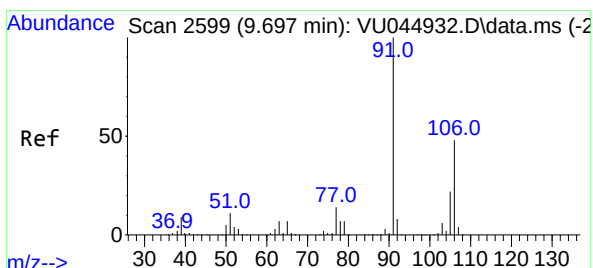
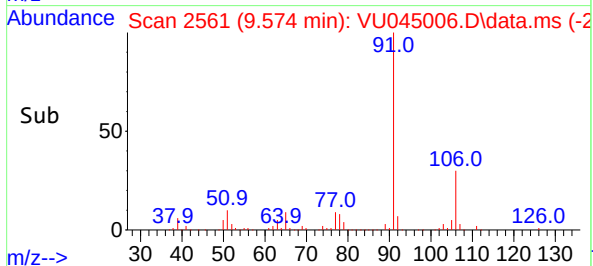
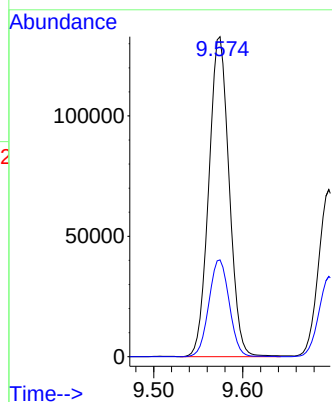
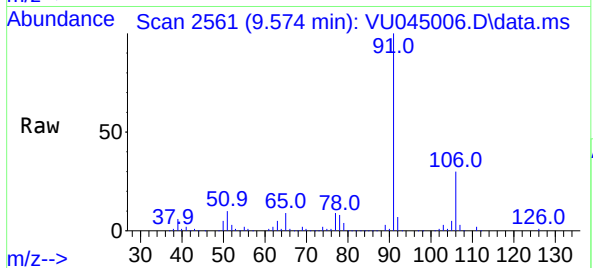
106 30.3 24.3 36.5

Instrument :

MSVOA_U

ClientSampleId :

EP-1-MW-4-0921



#68

m/p-Xylenes

Concen: 10.39 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045006.D

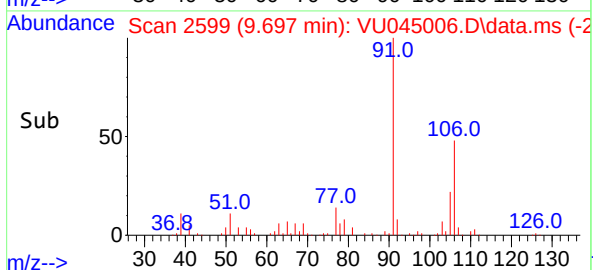
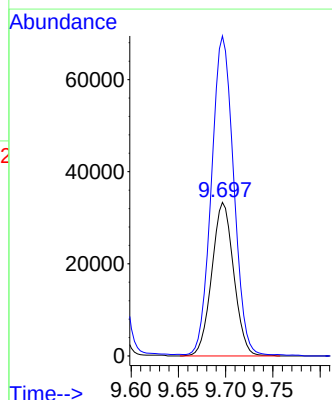
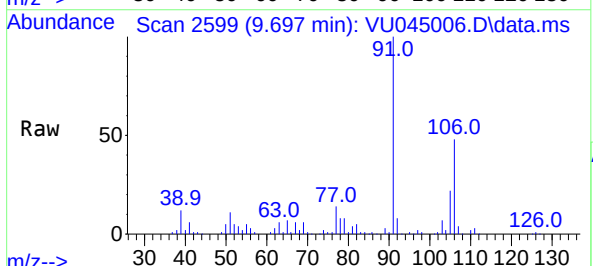
Acq: 29 Sep 2021 20:23

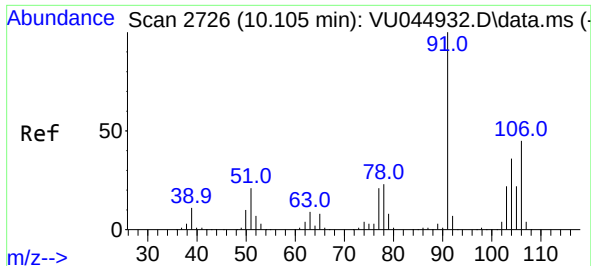
Tgt Ion:106 Resp: 53823

Ion Ratio Lower Upper

106 100

91 209.4 164.2 246.2

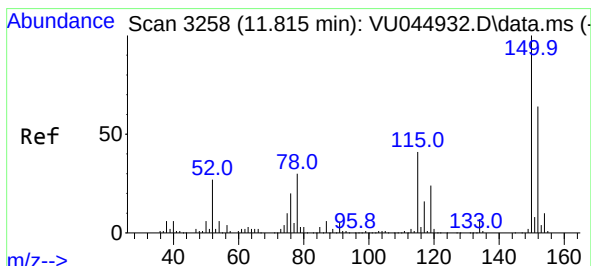
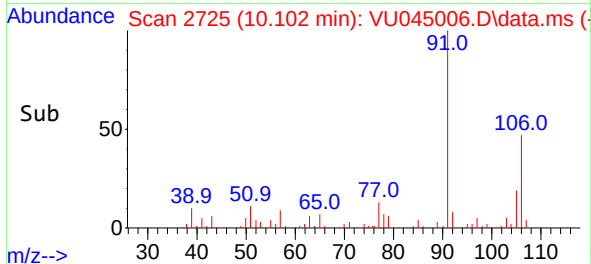
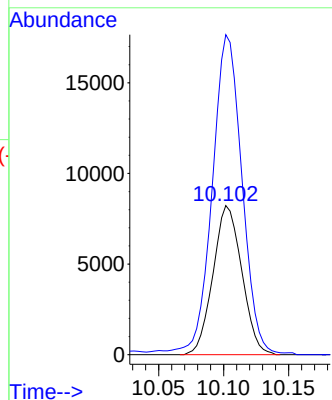
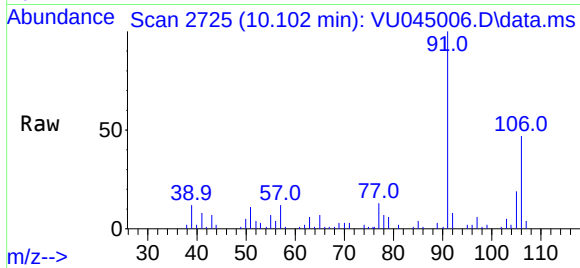




#69
o-Xylene
Concen: 2.46 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

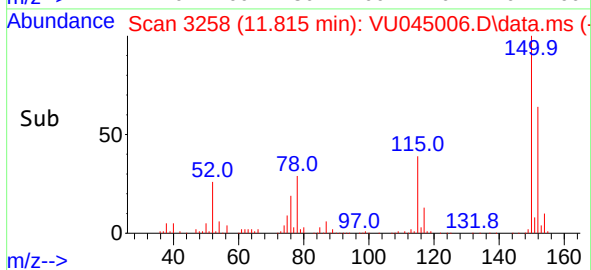
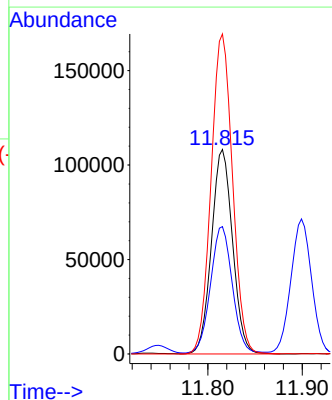
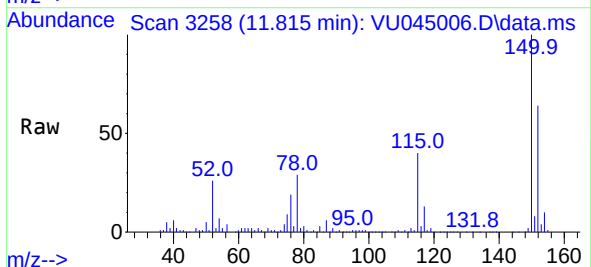
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921

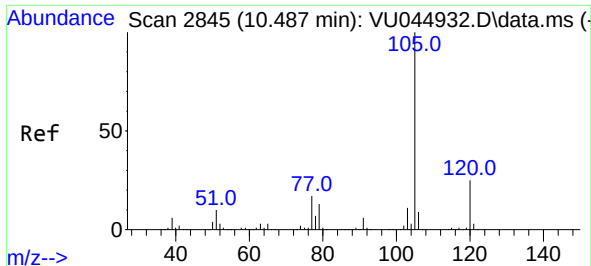
Tgt Ion:106 Resp: 12665
Ion Ratio Lower Upper
106 100
91 223.3 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

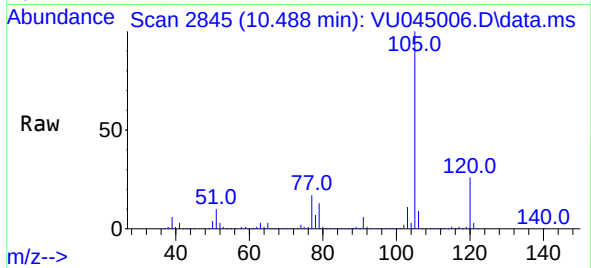
Tgt Ion:152 Resp: 167948
Ion Ratio Lower Upper
152 100
115 63.8 43.5 130.7
150 158.7 0.0 350.0



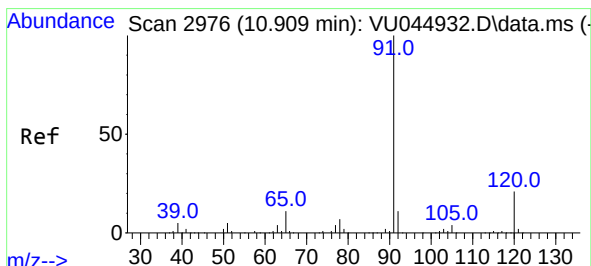
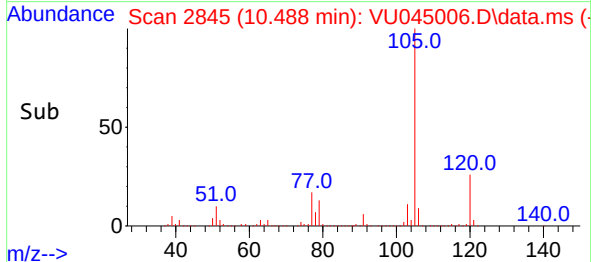
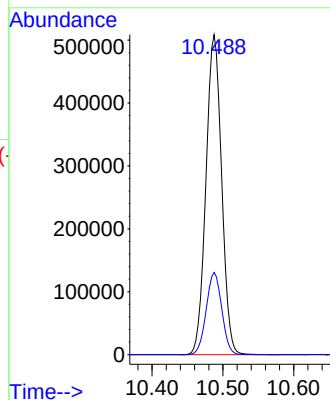


#73
Isopropylbenzene
Concen: 62.46 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

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

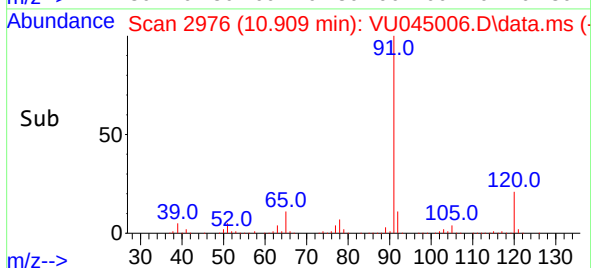
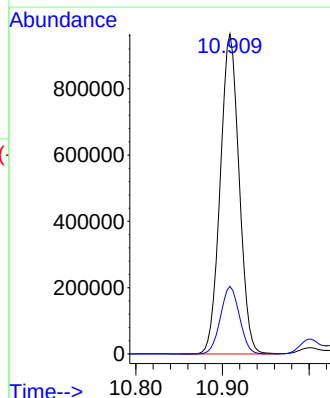
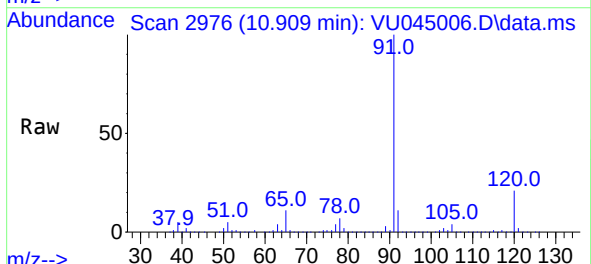


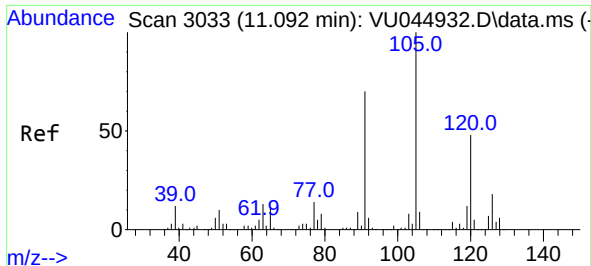
Tgt Ion:105 Resp: 781226
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#78
n-propylbenzene
Concen: 95.80 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion: 91 Resp: 1460188
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4

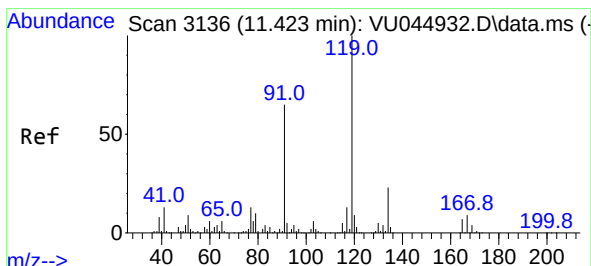
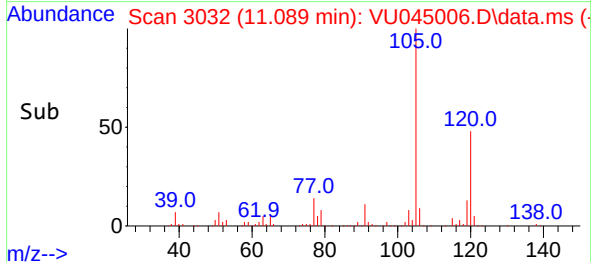
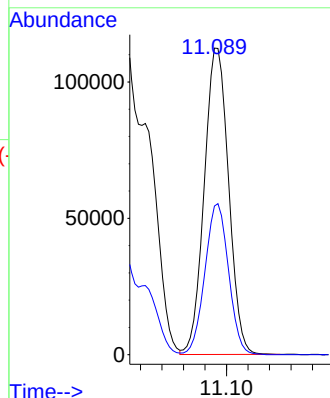
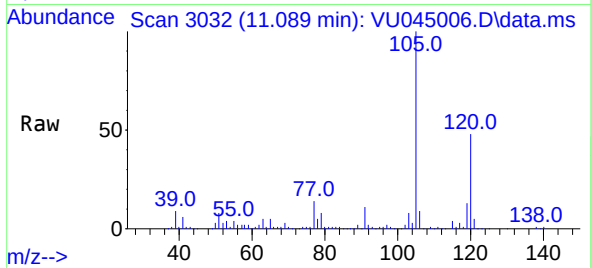




#80
1,3,5-Trimethylbenzene
Concen: 16.12 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

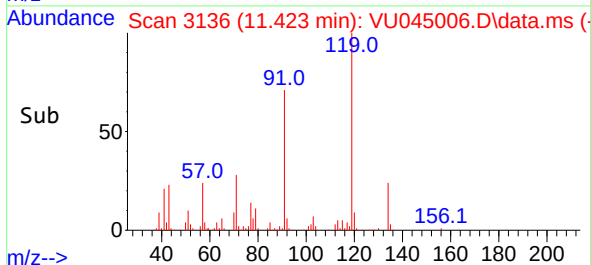
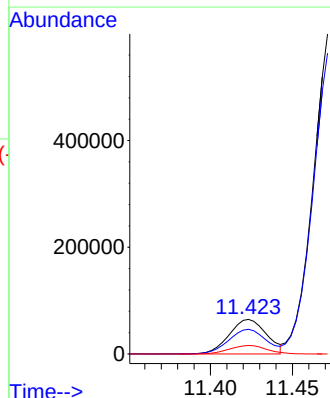
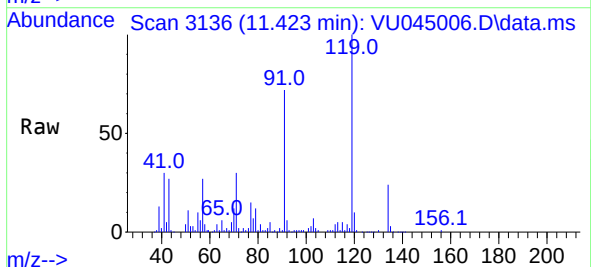
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921

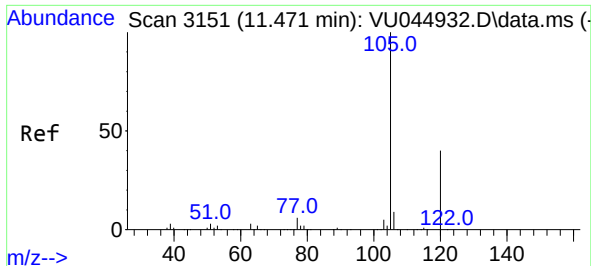
Tgt Ion:105 Resp: 176572
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2



#83
tert-Butylbenzene
Concen: 9.60 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion:119 Resp: 102311
Ion Ratio Lower Upper
119 100
91 71.7 30.4 91.2
134 24.6 11.5 34.5

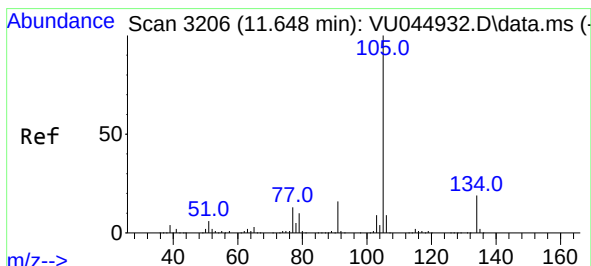
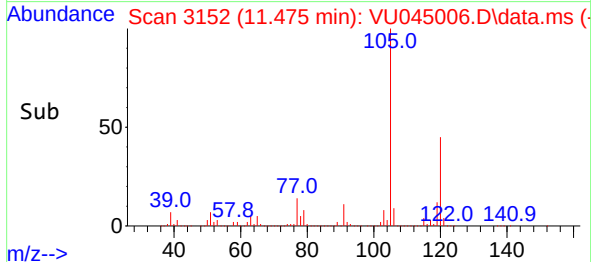
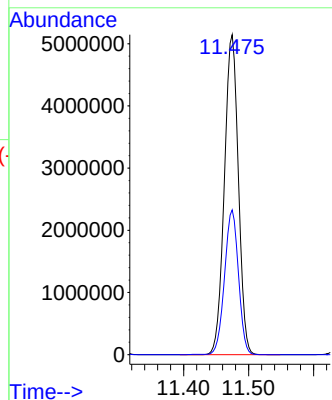
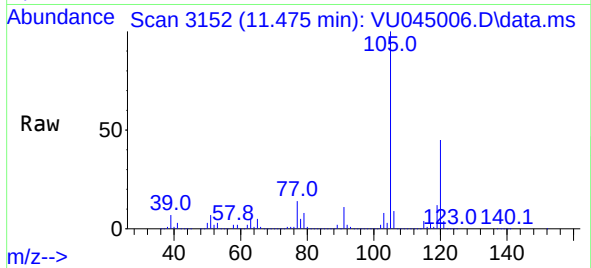




#84
1,2,4-Trimethylbenzene
Concen: 705.80 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.004 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

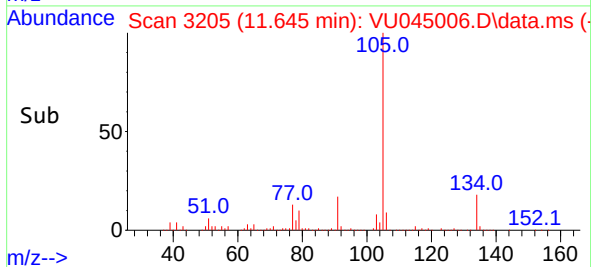
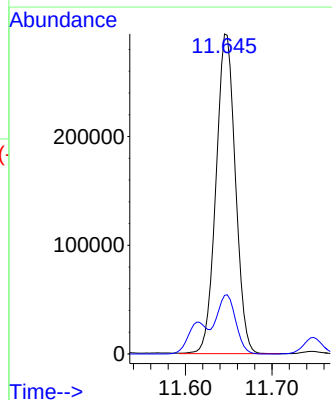
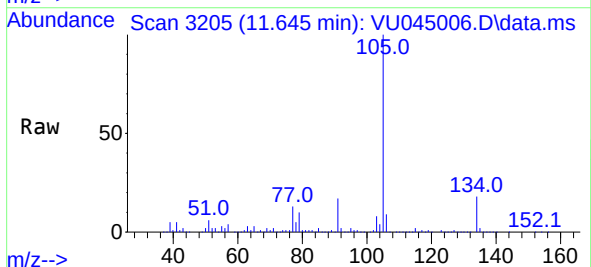
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-4-0921

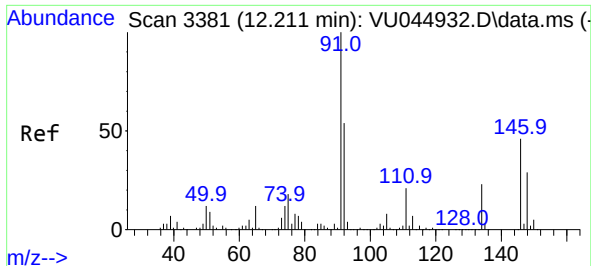
Tgt Ion:105 Resp: 7650547
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#85
sec-Butylbenzene
Concen: 33.26 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.003 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion:105 Resp: 456511
Ion Ratio Lower Upper
105 100
134 18.0 9.3 28.0

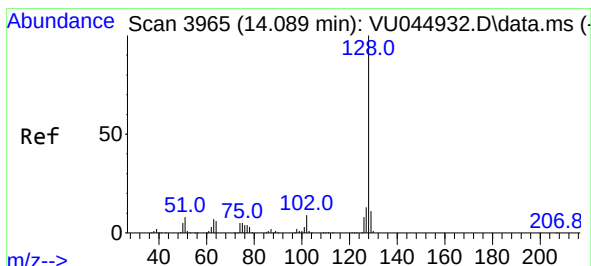
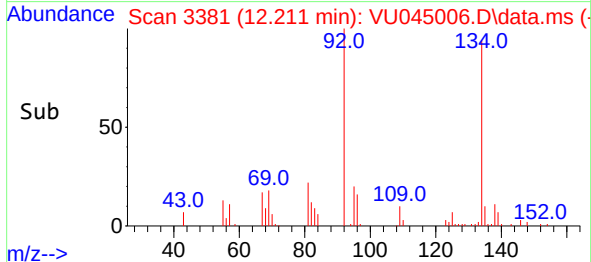
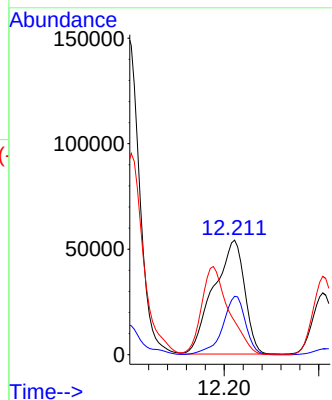
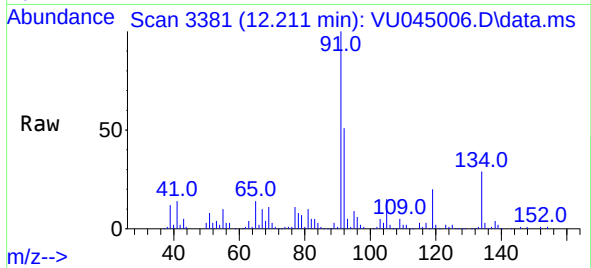




#89
n-Butylbenzene
Concen: 12.07 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

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

Tgt Ion: 91 Resp: 122761
Ion Ratio Lower Upper
91 100
92 38.0 26.8 80.4
134 0.0 11.8 35.4#



#95
Naphthalene
Concen: 29.52 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045006.D
Acq: 29 Sep 2021 20:23

Tgt Ion:128 Resp: 365818
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.5 8.6 13.0

