

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045054.D
 Acq On : 30 Sep 2021 18:00
 Operator : SY/MD
 Sample : M3926-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-FD-001-0921

Quant Time: Oct 01 05:41:06 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)

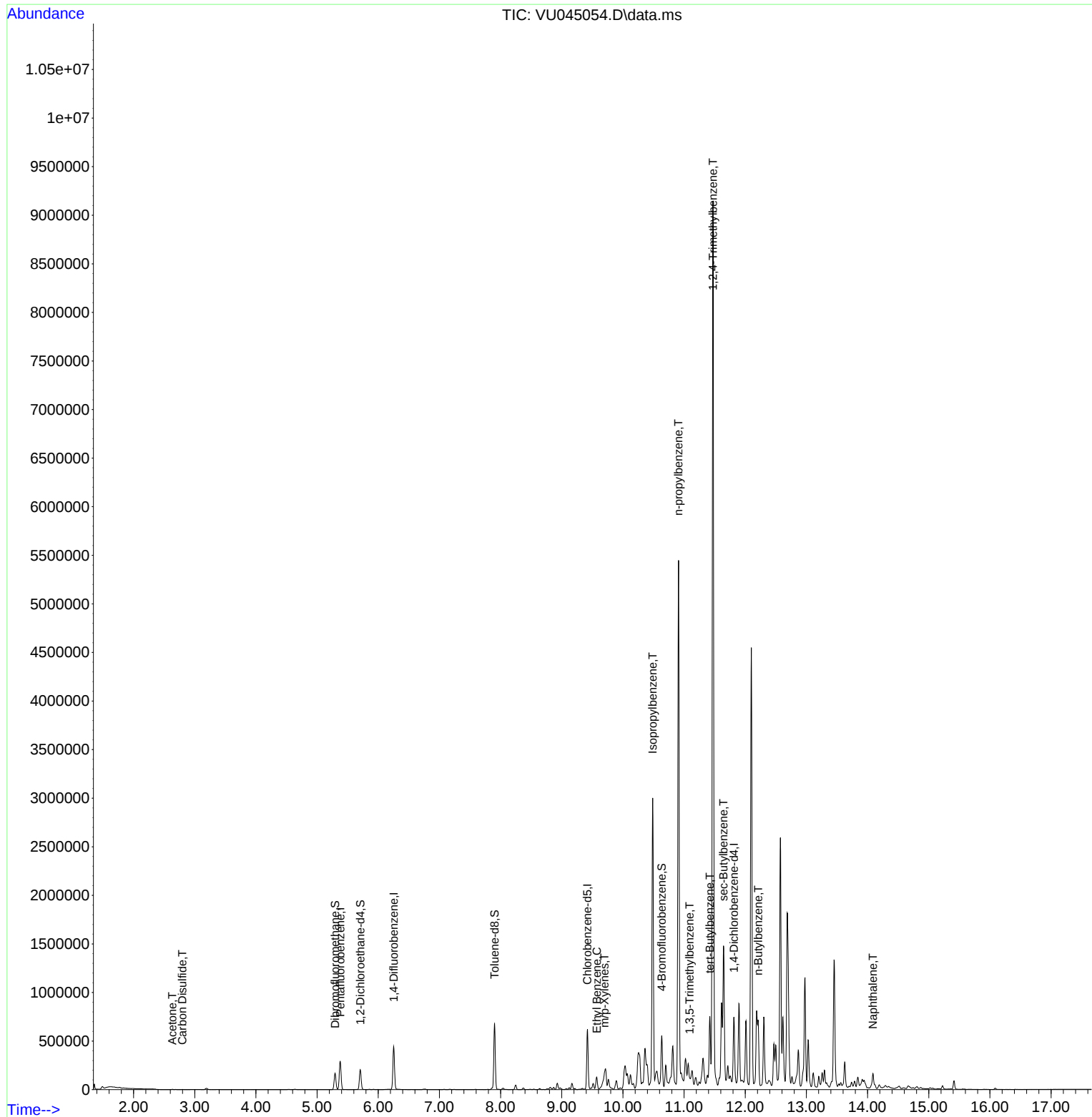
Internal Standards						
1) Pentafluorobenzene	5.378	168	187498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	343106	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	317564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	161488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	155277	49.750	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.500%		
35) Dibromofluoromethane	5.295	113	107964	49.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	7.902	98	432179	50.535	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.080%		
62) 4-Bromofluorobenzene	10.635	95	168964	47.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.720%		
Target Compounds						Qvalue
16) Acetone	2.633	43	3704	1.999	ug/l	95
17) Carbon Disulfide	2.797	76	2623	0.400	ug/l	95
67) Ethyl Benzene	9.574	91	55226	4.508	ug/l	99
68) m/p-Xylenes	9.700	106	17007	3.573	ug/l	90
73) Isopropylbenzene	10.488	105	1859247	154.604	ug/l	99
78) n-propylbenzene	10.909	91	4058530	276.938	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	10859	1.031	ug/l #	29
83) tert-Butylbenzene	11.423	119	183758	17.933	ug/l	90
84) 1,2,4-Trimethylbenzene	11.471	105	4752952	456.023	ug/l	99
85) sec-Butylbenzene	11.645	105	857474	64.979	ug/l	99
89) n-Butylbenzene	12.211	91	366821	37.519	ug/l #	79
95) Naphthalene	14.089	128	112373	9.431	ug/l	97

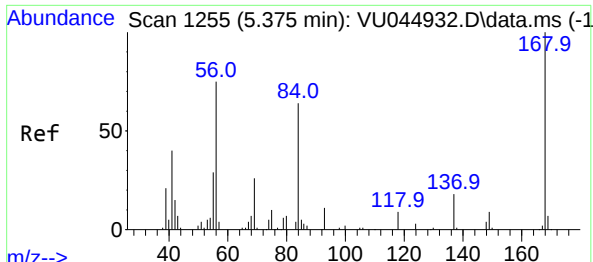
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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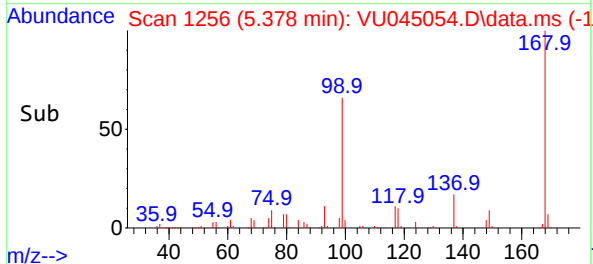
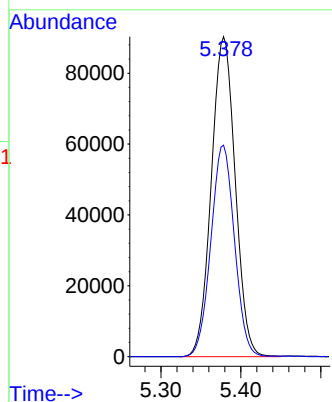
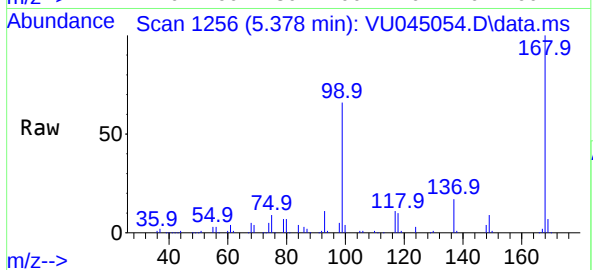




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

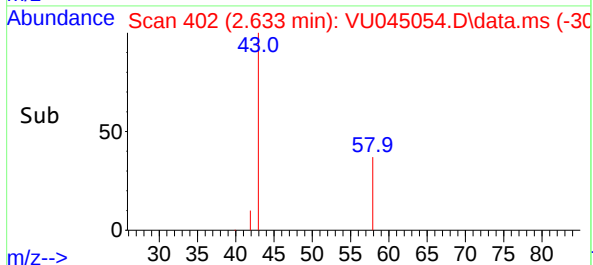
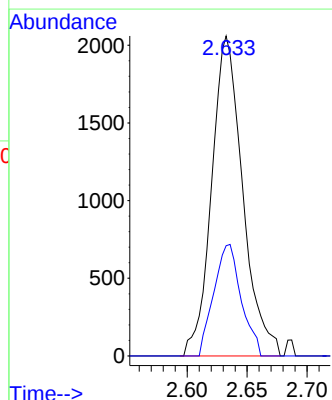
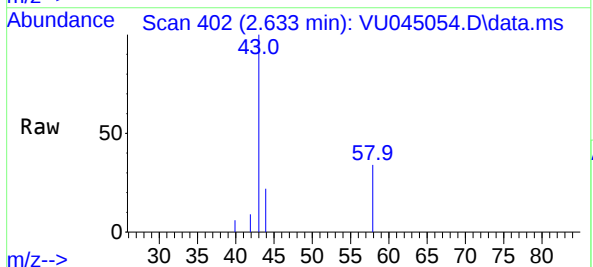
Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921

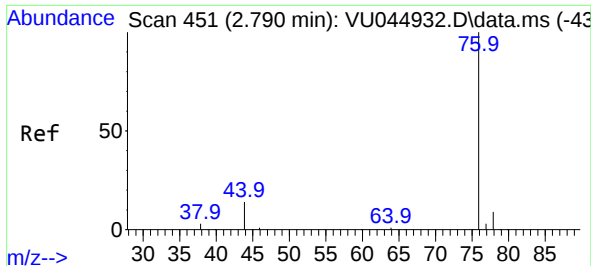
Tgt Ion:168 Resp: 187498
Ion Ratio Lower Upper
168 100
99 66.1 51.4 77.0



#16
Acetone
Concen: 1.999 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
58 34.5 25.2 37.8

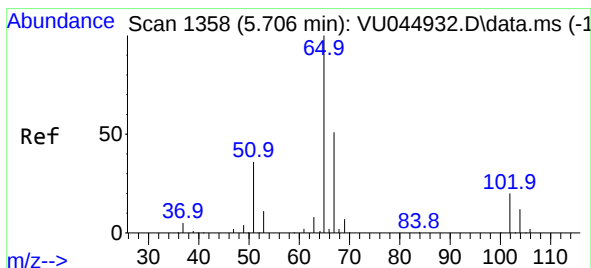
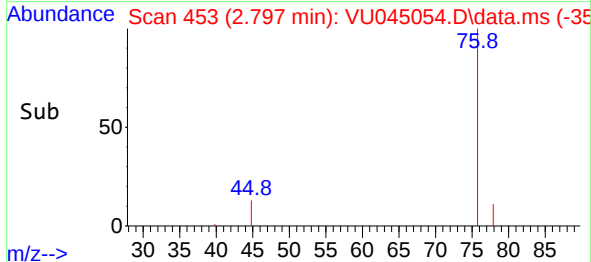
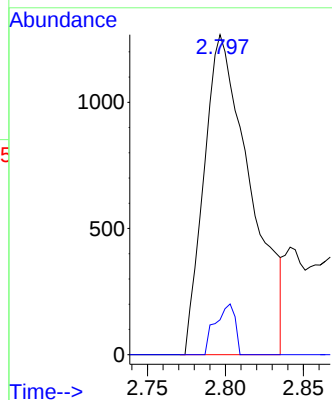
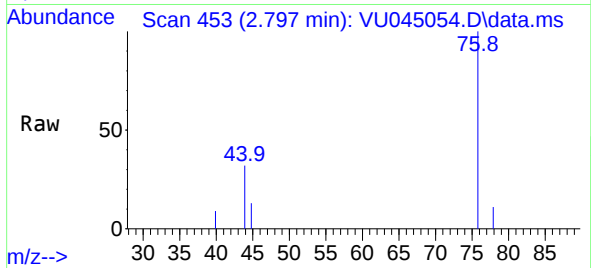




#17
Carbon Disulfide
Concen: 0.400 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.006 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

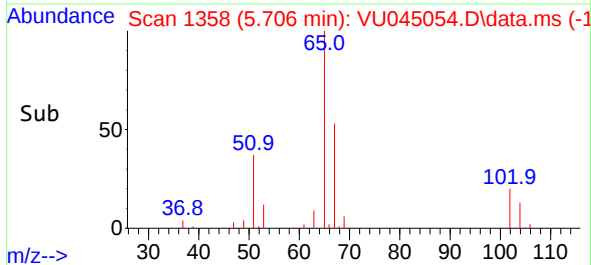
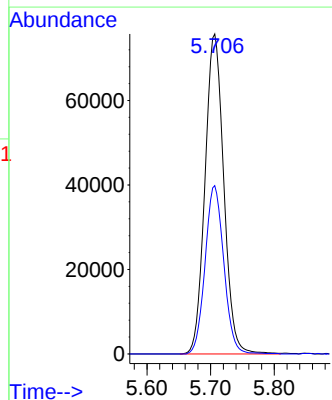
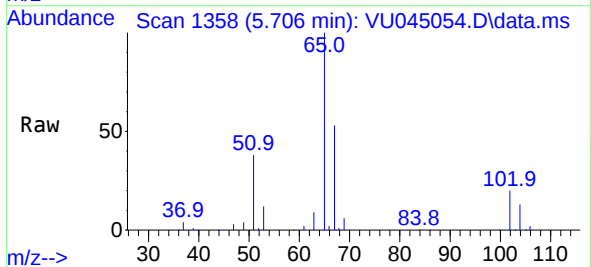
Instrument :
MSVOA_U
ClientSampleId :
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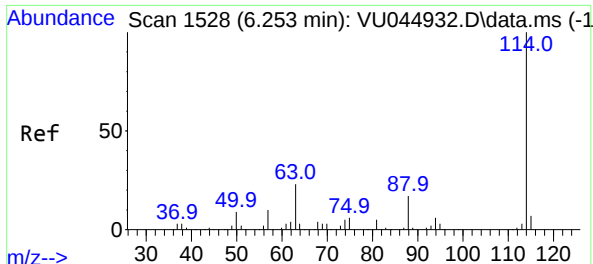
Tgt Ion: 76 Resp: 2623
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 49.750 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion: 65 Resp: 155277
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



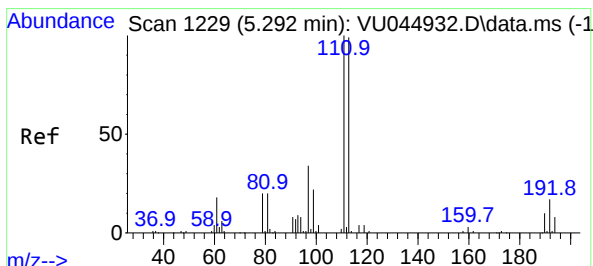
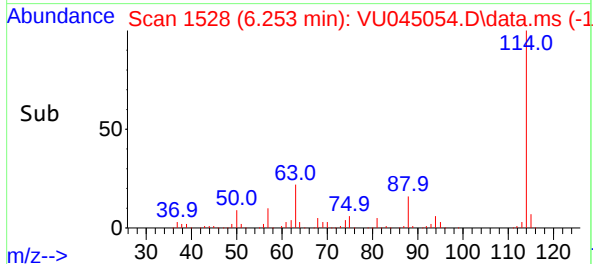
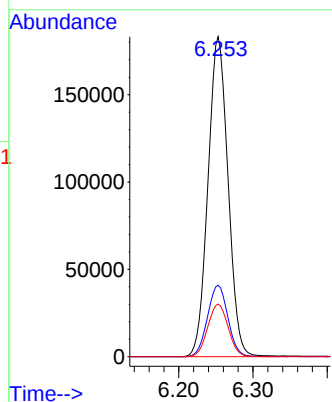
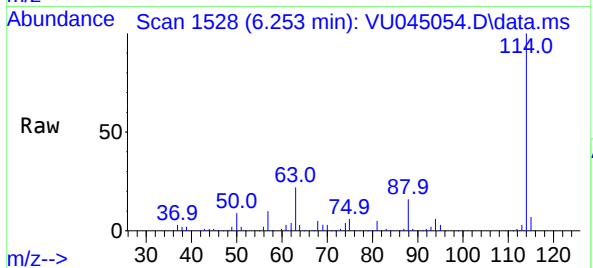


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921

Tgt Ion:114 Resp: 343106

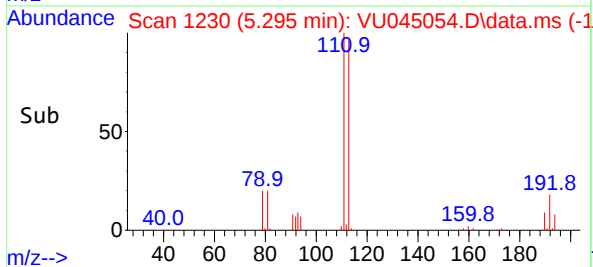
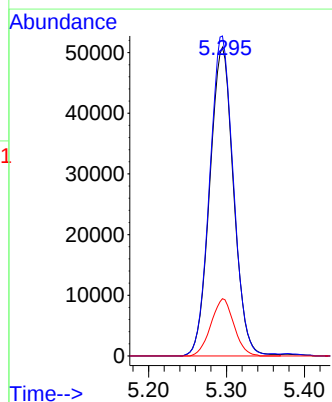
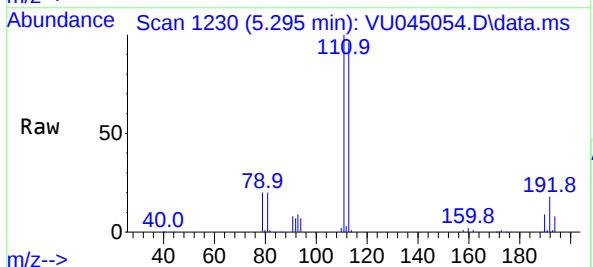
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.8
88	16.4	0.0	32.8

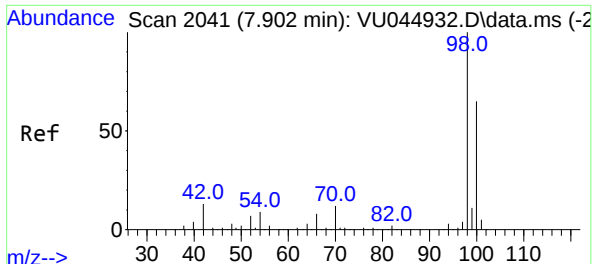


#35
Dibromofluoromethane
Concen: 49.881 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion:113 Resp: 107964

Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.1	126.1
192	17.9	14.8	22.2

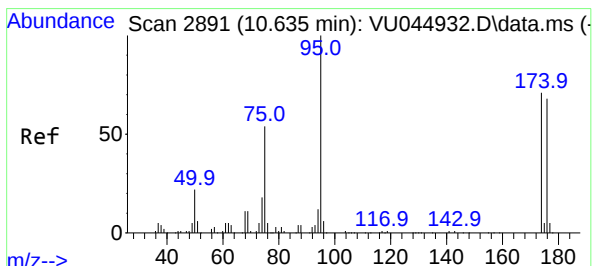
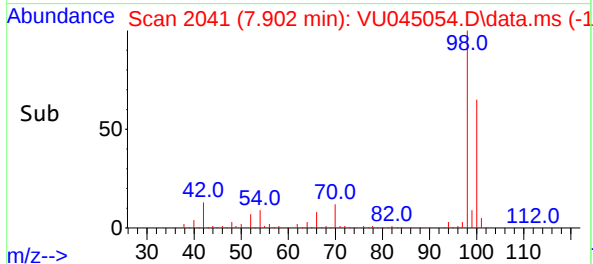
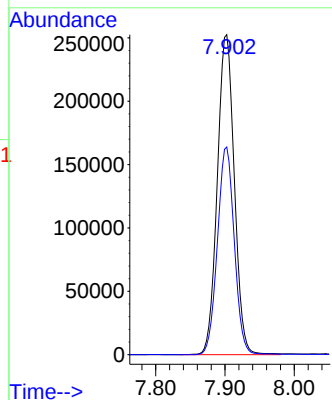
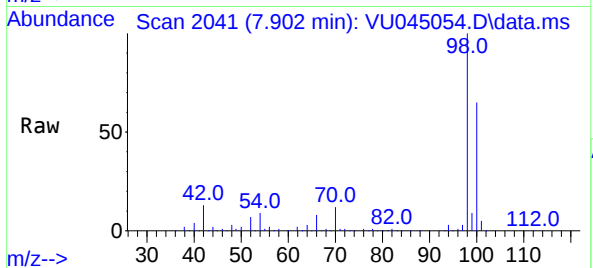




#50
Toluene-d8
Concen: 50.535 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

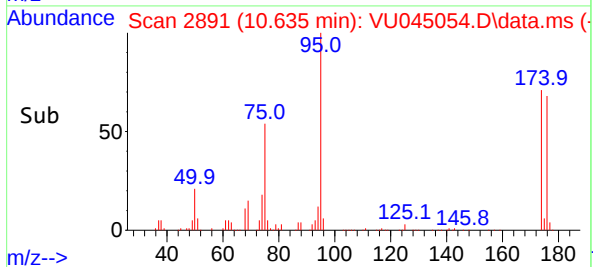
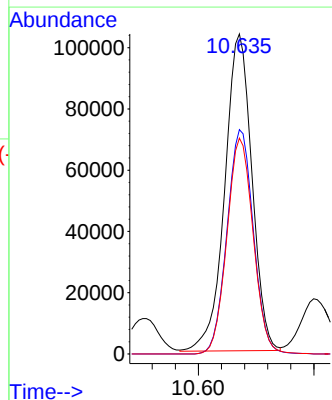
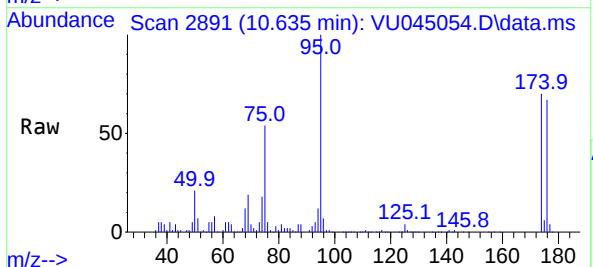
Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921

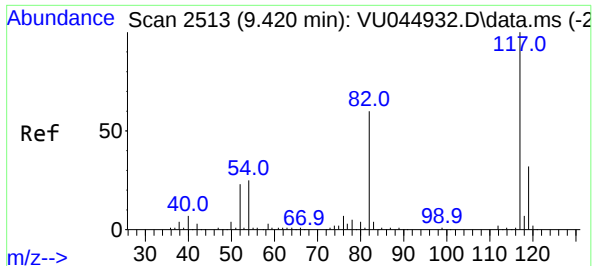
Tgt Ion: 98 Resp: 432179
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.855 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion: 95 Resp: 168964
Ion Ratio Lower Upper
95 100
174 68.7 0.0 146.6
176 65.9 0.0 141.2

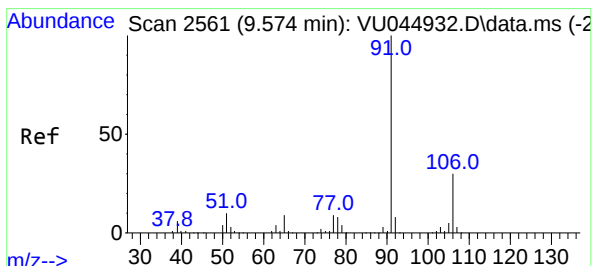
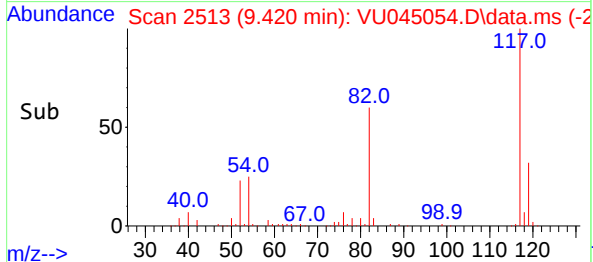
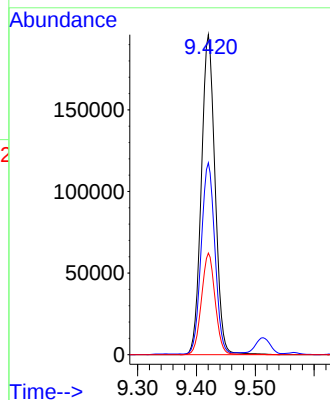
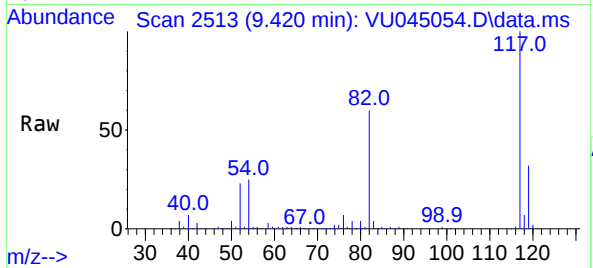




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

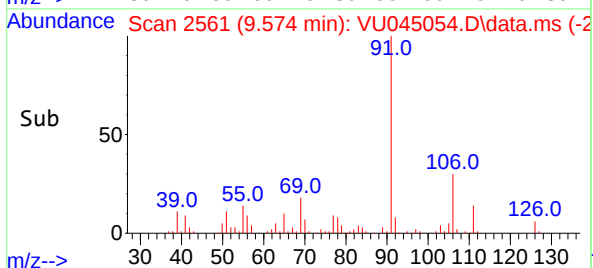
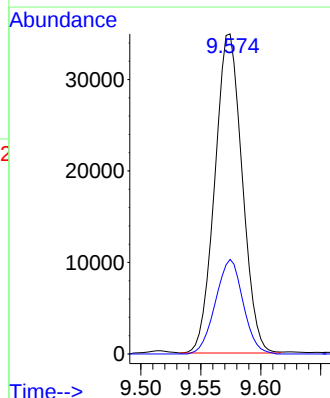
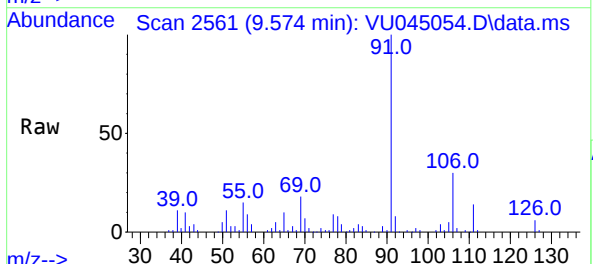
Instrument :
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ClientSampleId :
EP-1-FD-001-0921

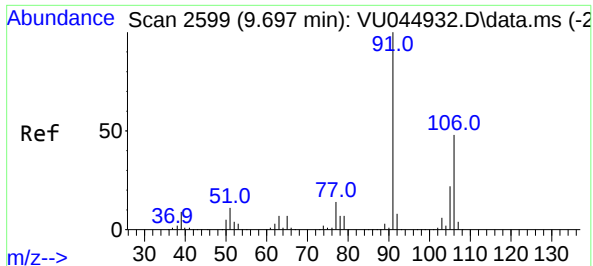
Tgt Ion:117 Resp: 317564
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 4.508 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion: 91 Resp: 55226
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

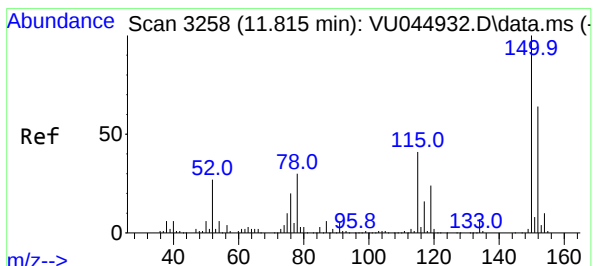
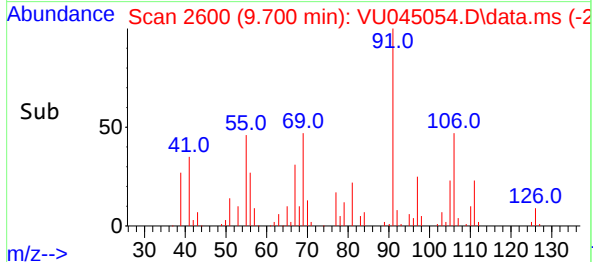
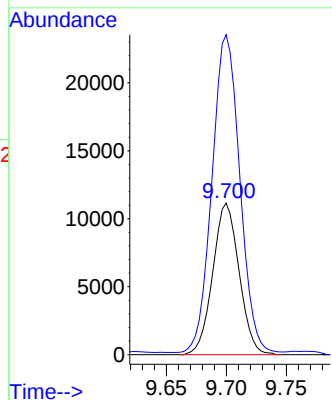
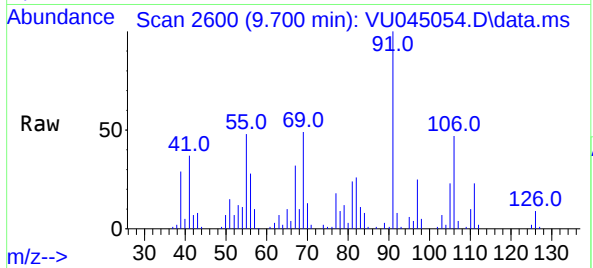




#68
m/p-Xylenes
Concen: 3.573 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

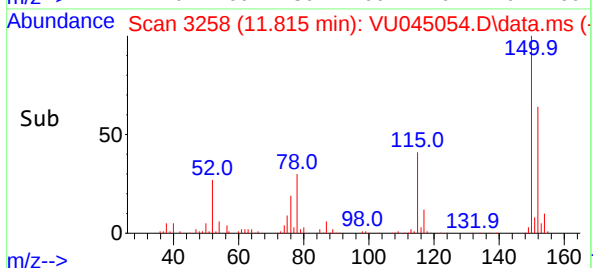
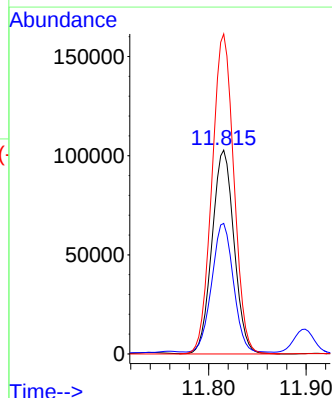
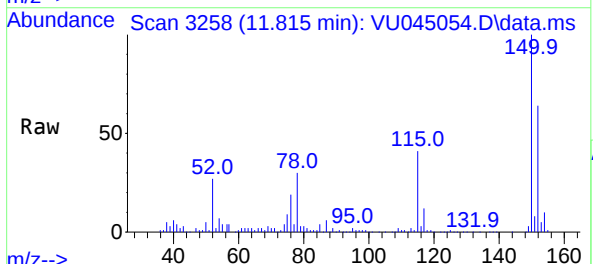
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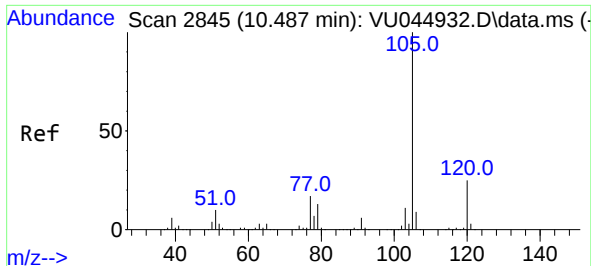
Tgt Ion:106 Resp: 17007
Ion Ratio Lower Upper
106 100
91 220.5 164.2 246.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion:152 Resp: 161488
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.7
150 156.3 0.0 350.0

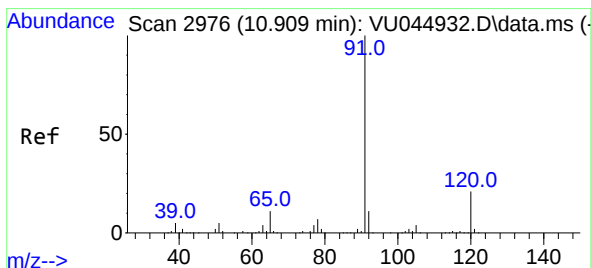
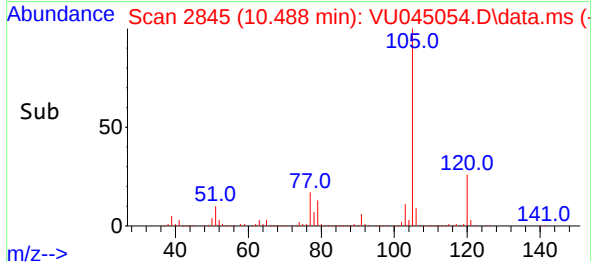
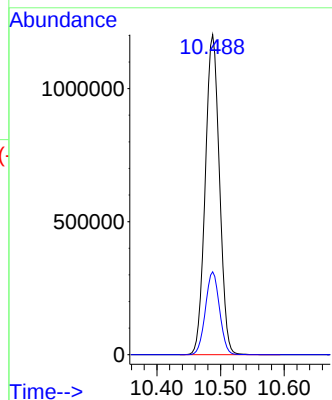
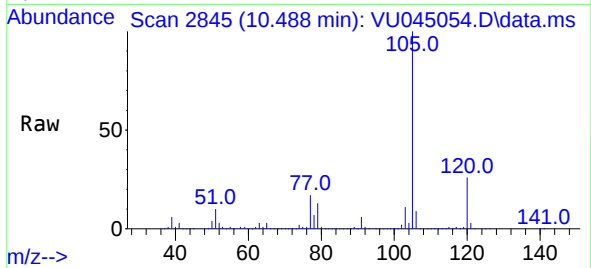




#73
Isopropylbenzene
Concen: 154.604 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

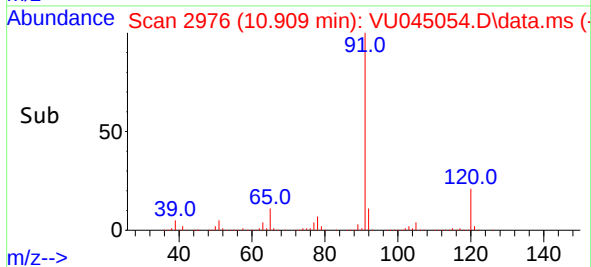
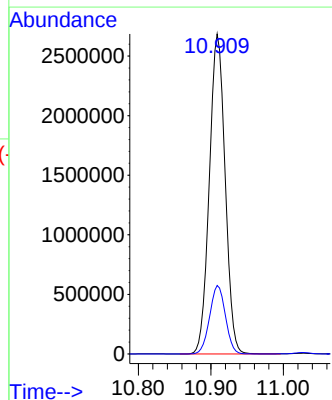
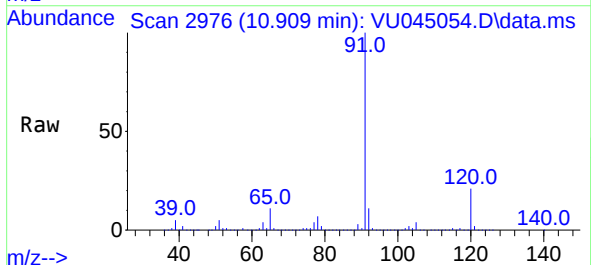
Instrument :
MSVOA_U
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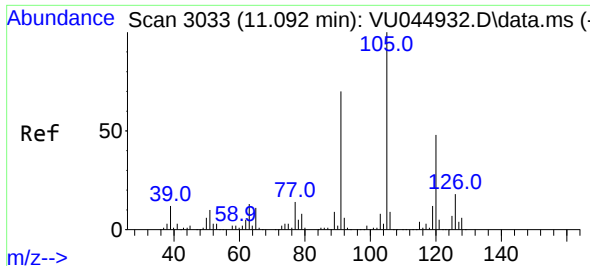
Tgt Ion:105 Resp: 1859247
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#78
n-propylbenzene
Concen: 276.938 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion: 91 Resp: 4058530
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

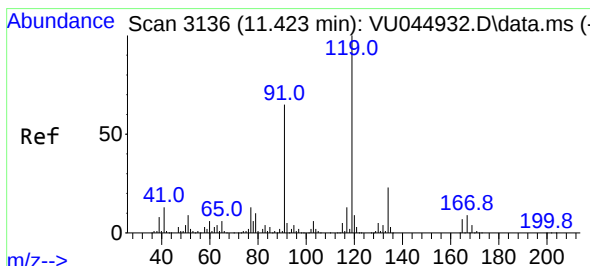
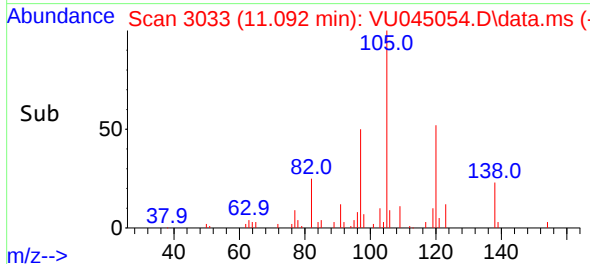
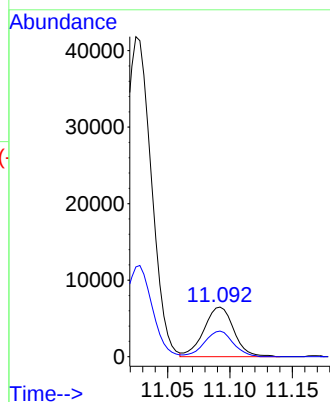
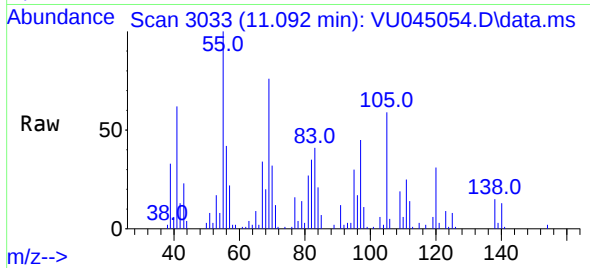




#80
1,3,5-Trimethylbenzene
Concen: 1.031 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

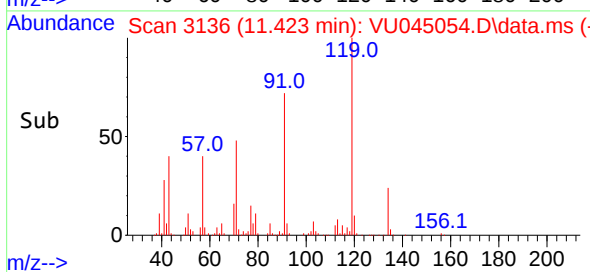
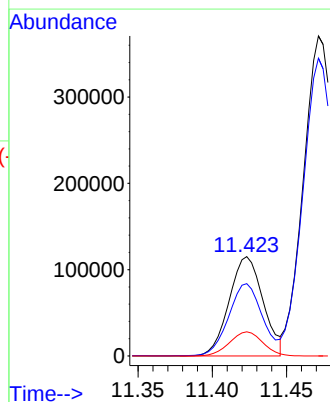
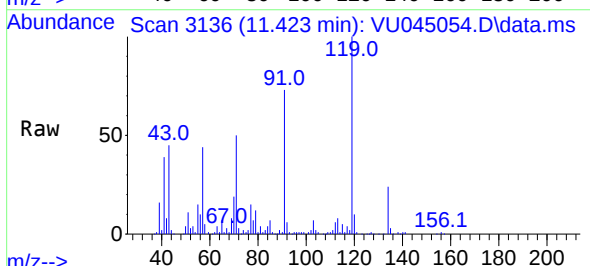
Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921

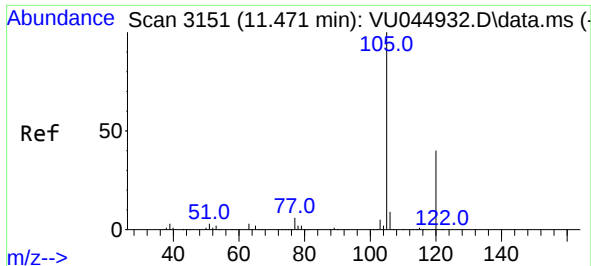
Tgt Ion:105 Resp: 10859
Ion Ratio Lower Upper
105 100
120 0.0 24.1 72.2#



#83
tert-Butylbenzene
Concen: 17.933 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion:119 Resp: 183758
Ion Ratio Lower Upper
119 100
91 70.6 30.4 91.2
134 23.7 11.5 34.5

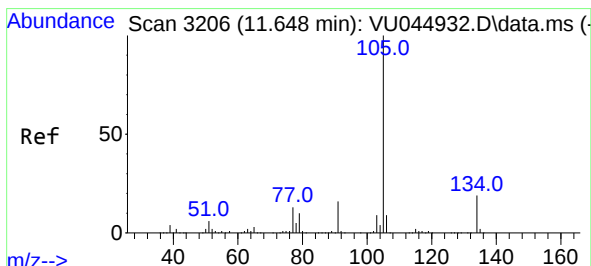
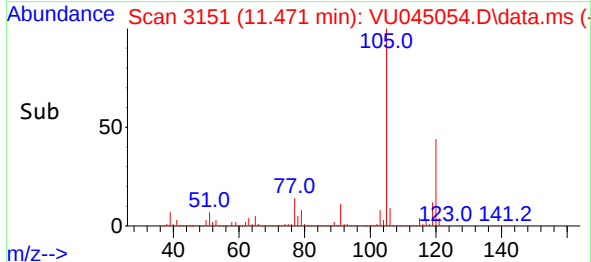
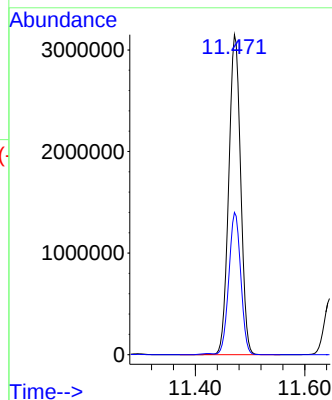
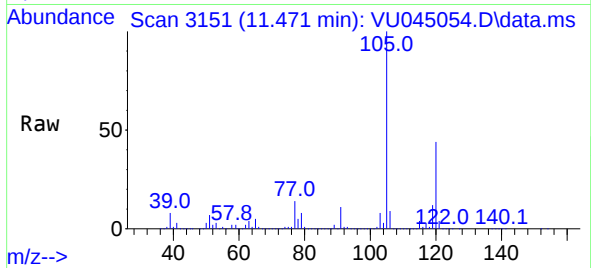




#84
1,2,4-Trimethylbenzene
Concen: 456.023 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

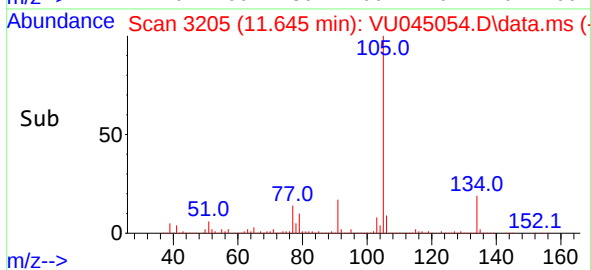
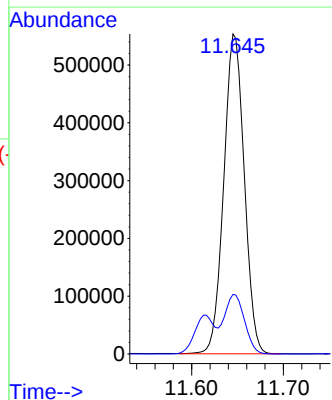
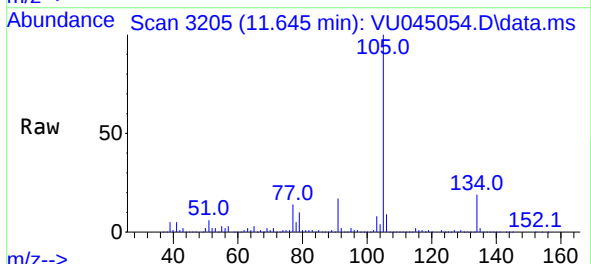
Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921

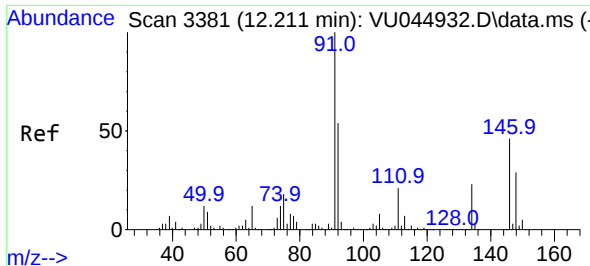
Tgt Ion:105 Resp: 4752952
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 64.979 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.003 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion:105 Resp: 857474
Ion Ratio Lower Upper
105 100
134 18.1 9.3 28.0



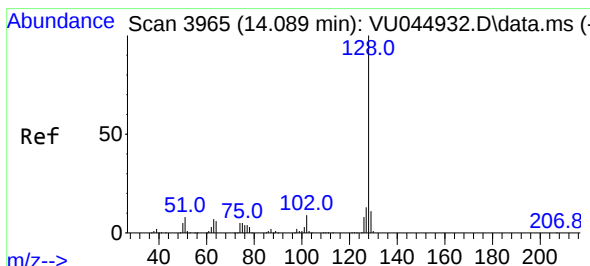
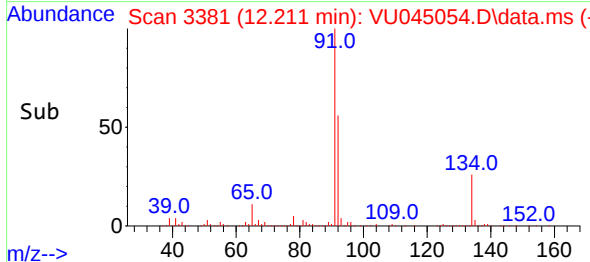
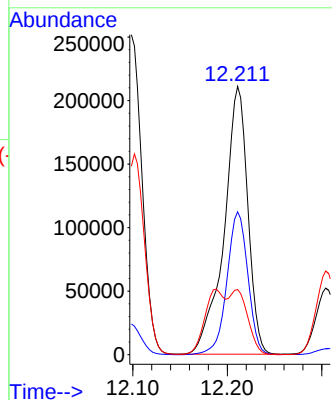
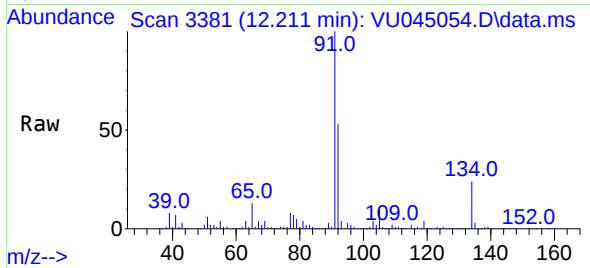


#89
n-Butylbenzene
Concen: 37.519 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Instrument :
MSVOA_U
ClientSampleId :
EP-1-FD-001-0921

Tgt Ion: 91 Resp: 366821

Ion	Ratio	Lower	Upper
91	100		
92	47.2	26.8	80.4
134	0.0	11.8	35.4#



#95
Naphthalene
Concen: 9.431 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045054.D
Acq: 30 Sep 2021 18:00

Tgt Ion: 128 Resp: 112373

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	12.7	8.6	13.0

