

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042930.D
 Acq On : 05 Apr 2021 15:02
 Operator : SY/MD
 Sample : M1903-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30776

Quant Time: Apr 06 01:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

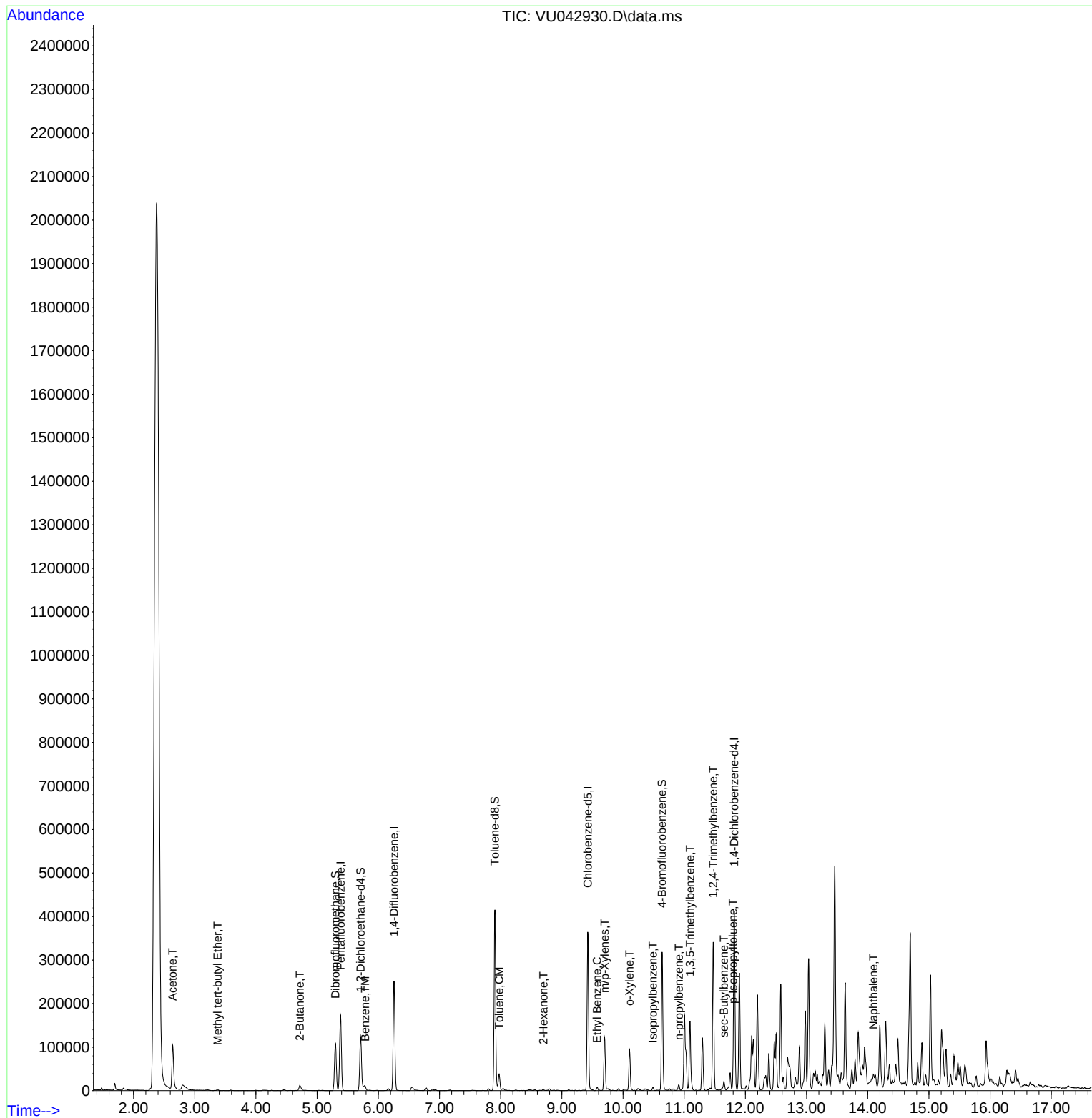
Internal Standards						
1) Pentafluorobenzene	5.382	168	119505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	192082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	185934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	99748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95698	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.298	113	67415	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	7.906	98	243244	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	10.639	95	92589	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
						Qvalue
16) Acetone	2.639	43	128104	124.83	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	2632	0.64	ug/l #	90
25) 2-Butanone	4.716	43	20040	12.93	ug/l	100
40) Benzene	5.784	78	6915	1.22	ug/l #	89
52) Toluene	7.976	92	11657	3.35	ug/l	99
59) 2-Hexanone	8.700	43	2852	1.15	ug/l	89
67) Ethyl Benzene	9.578	91	4279	0.63	ug/l	99
68) m/p-Xylenes	9.700	106	31429	12.58	ug/l	99
69) o-Xylene	10.105	106	23201	9.59	ug/l	97
73) Isopropylbenzene	10.491	105	4808	0.76	ug/l	91
78) n-propylbenzene	10.912	91	9604	1.29	ug/l	97
80) 1,3,5-Trimethylbenzene	11.095	105	80245	14.65	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	173742	31.41	ug/l	99
85) sec-Butylbenzene	11.652	105	11502	1.85	ug/l	100
86) p-Isopropyltoluene	11.799	119	10065	1.77	ug/l	97
95) Naphthalene	14.092	128	21789	5.63	ug/l	97

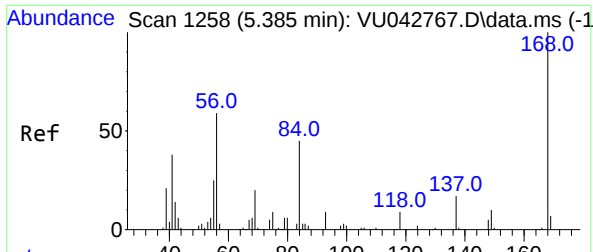
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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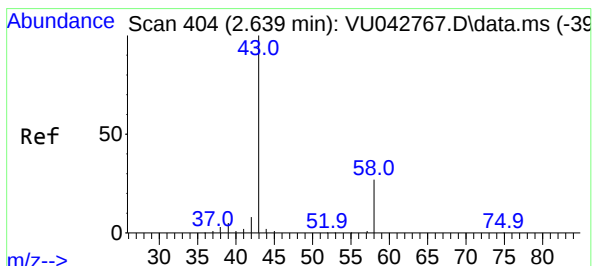
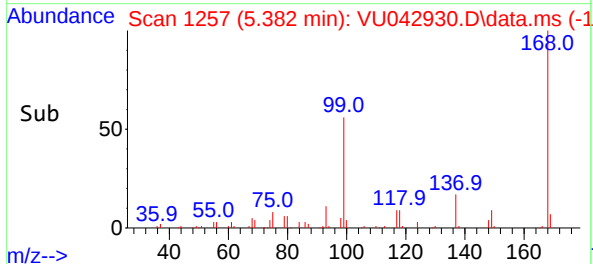
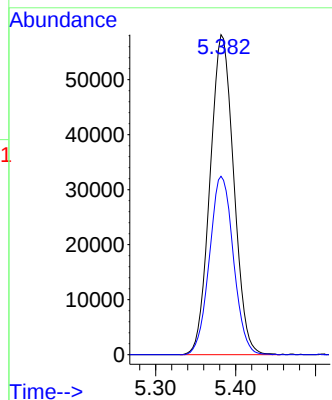
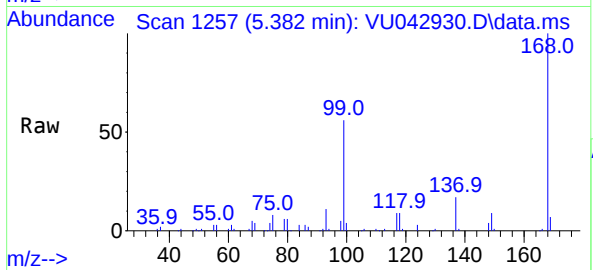




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

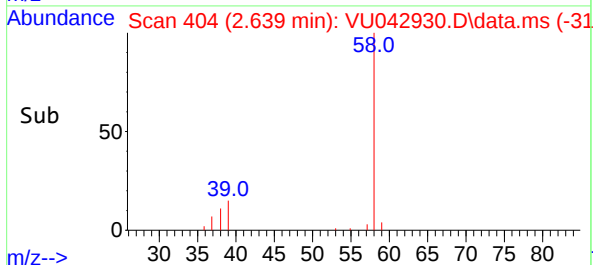
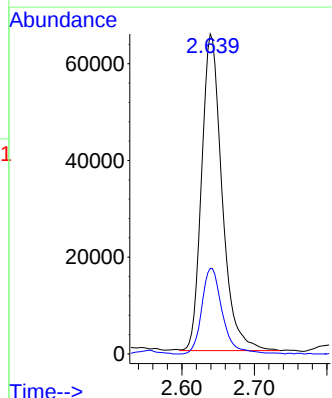
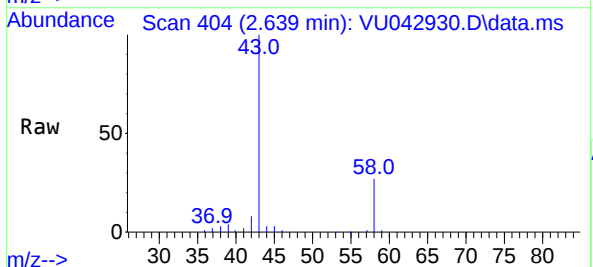
Instrument :
MSVOA_U
ClientSampleId :
30776

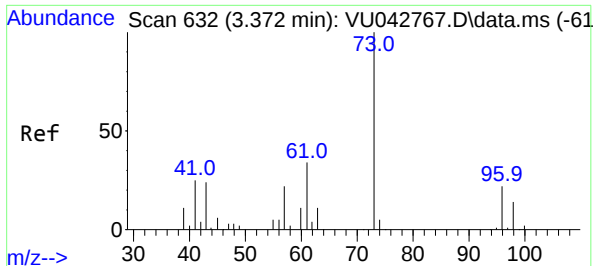
Tgt Ion:168 Resp: 119505
Ion Ratio Lower Upper
168 100
99 55.7 46.4 69.6



#16
Acetone
Concen: 124.83 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 43 Resp: 128104
Ion Ratio Lower Upper
43 100
58 27.0 21.6 32.4

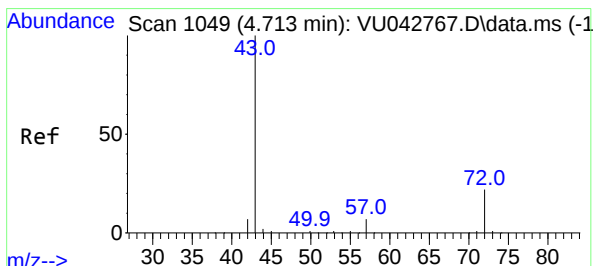
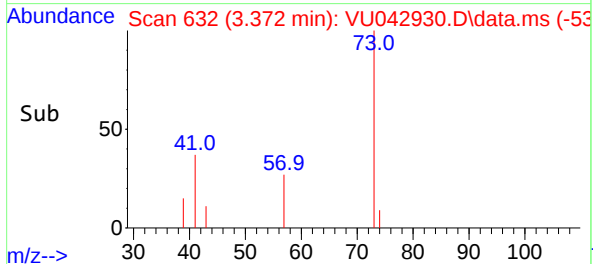
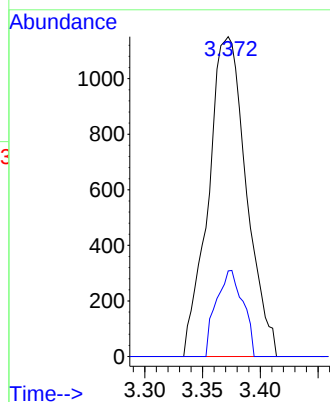
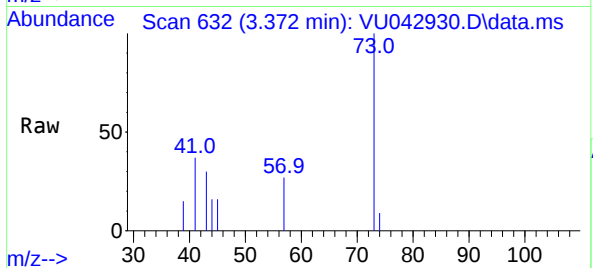




#19
Methyl tert-butyl Ether
Concen: 0.64 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

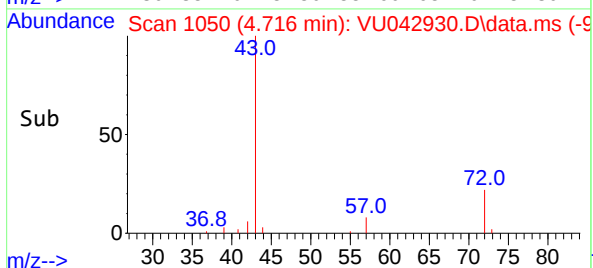
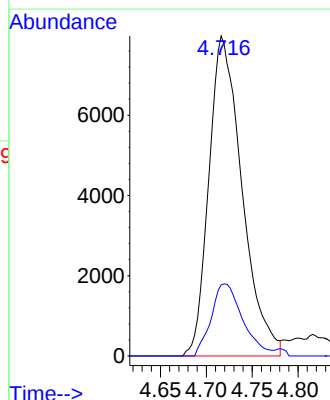
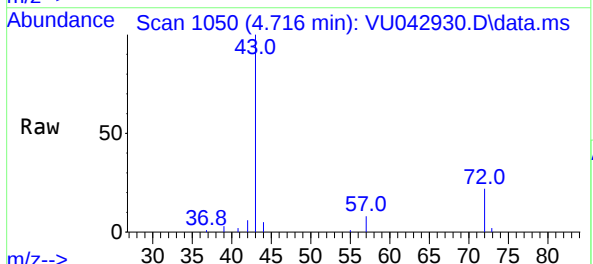
Instrument :
MSVOA_U
ClientSampleId :
30776

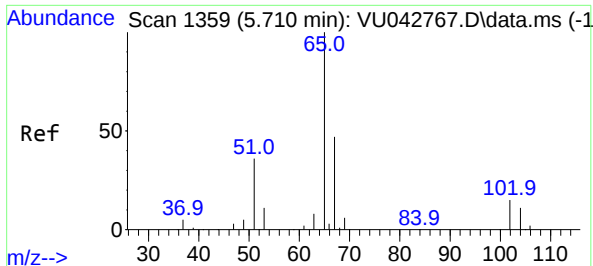
Tgt Ion: 73 Resp: 2632
Ion Ratio Lower Upper
73 100
57 26.8 17.8 26.6#



#25
2-Butanone
Concen: 12.93 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 43 Resp: 20040
Ion Ratio Lower Upper
43 100
72 22.2 17.7 26.5



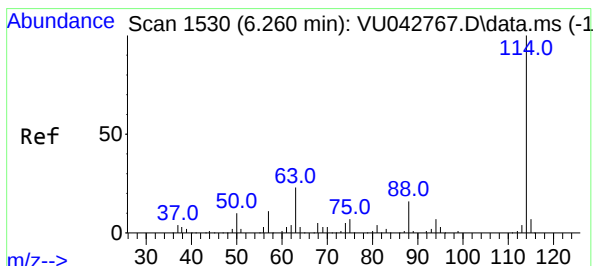
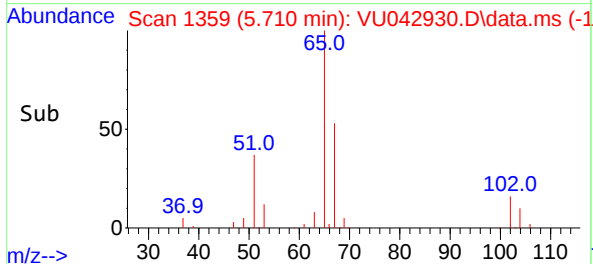
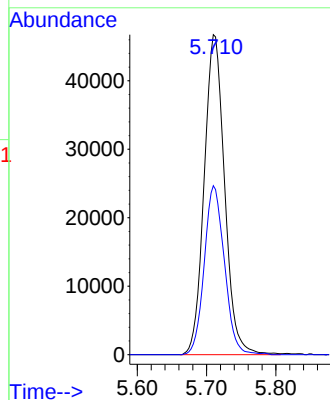
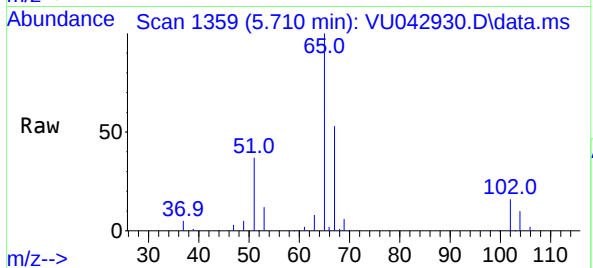


#33

1,2-Dichloroethane-d4
Concen: 50.23 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Instrument :
MSVOA_U
ClientSampled :
30776

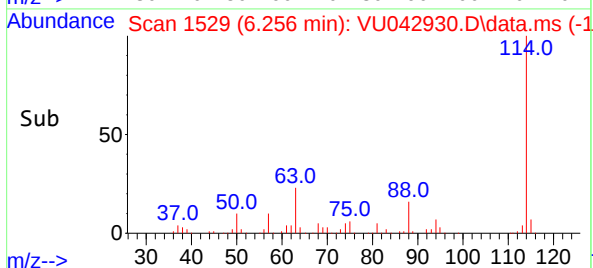
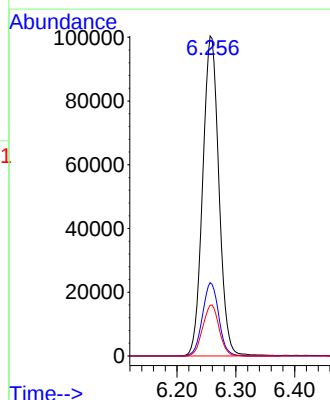
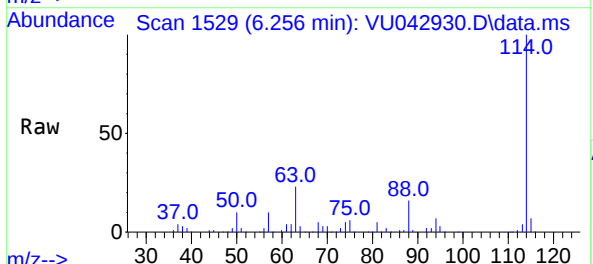
Tgt Ion: 65 Resp: 95698
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.8

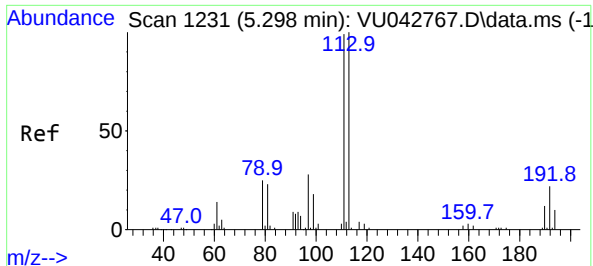


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 114 Resp: 192082
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.8
88 15.8 0.0 32.2



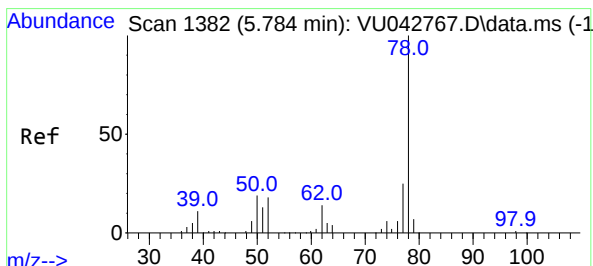
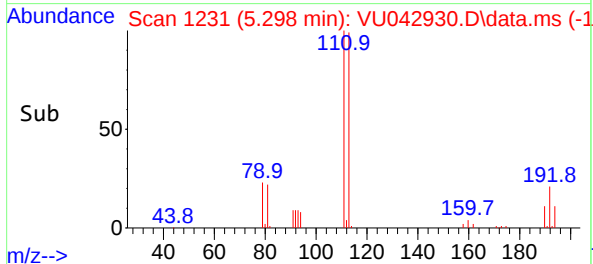
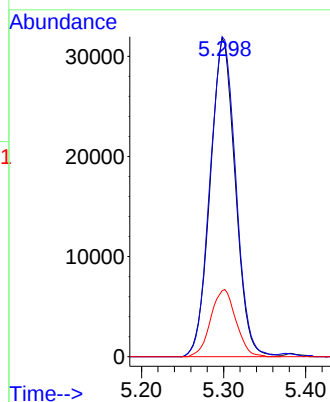
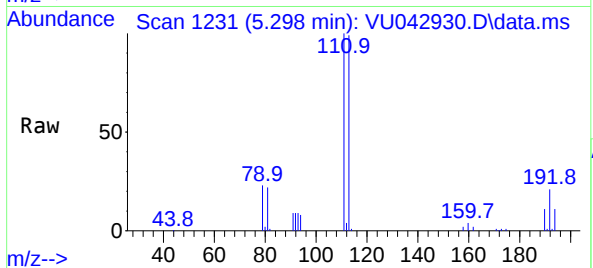


#35
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Instrument :
MSVOA_U
ClientSampleId :
30776

Tgt Ion:113 Resp: 67415

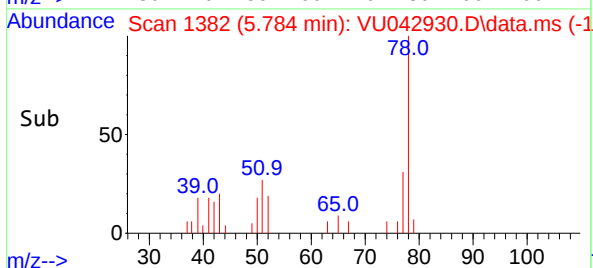
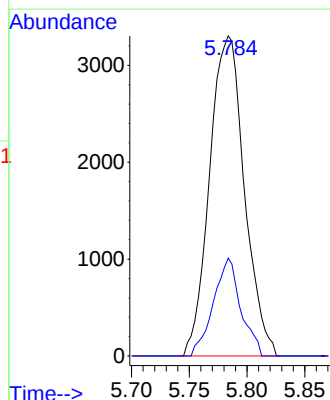
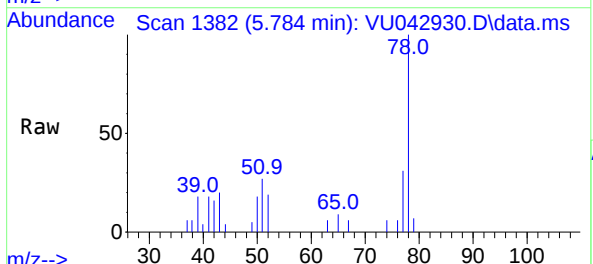
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	21.2	17.6	26.4

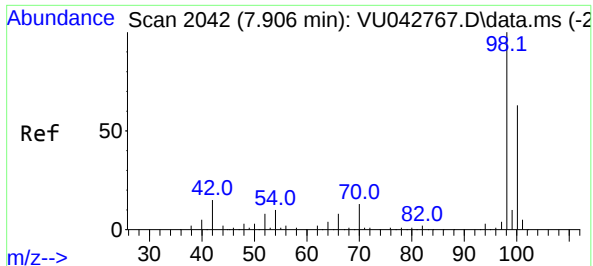


#40
Benzene
Concen: 1.22 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 78 Resp: 6915

Ion	Ratio	Lower	Upper
78	100		
77	30.6	19.9	29.9#

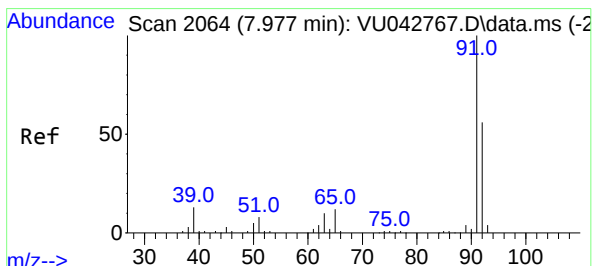
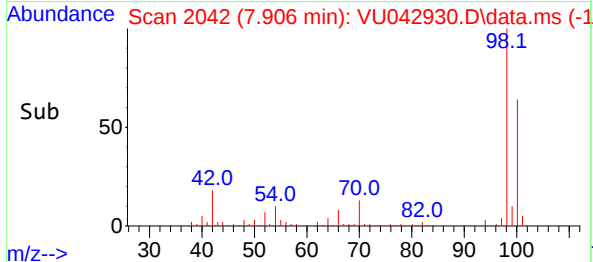
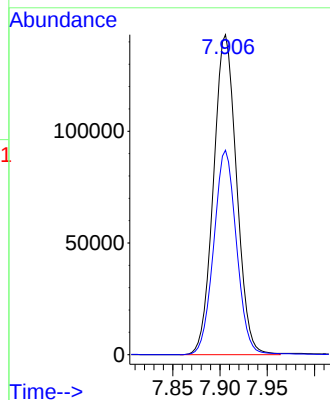
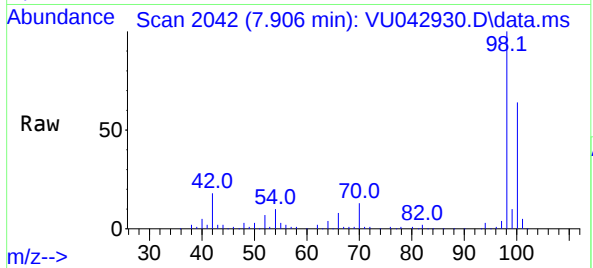




#50
Toluene-d8
Concen: 48.23 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

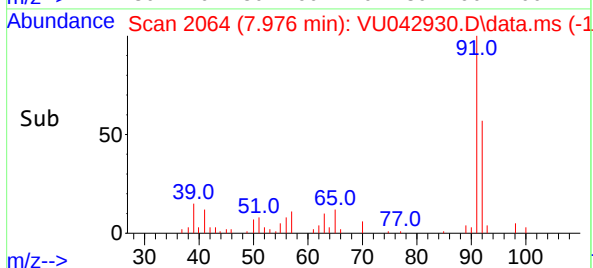
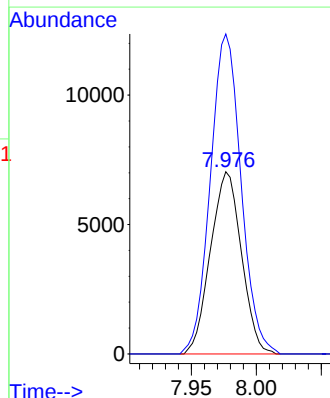
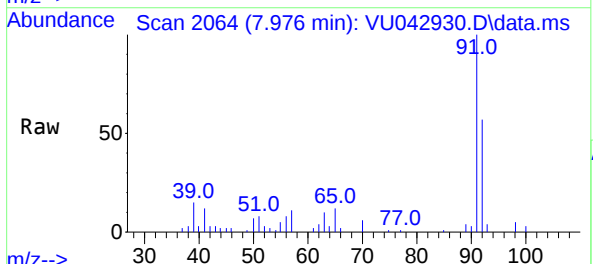
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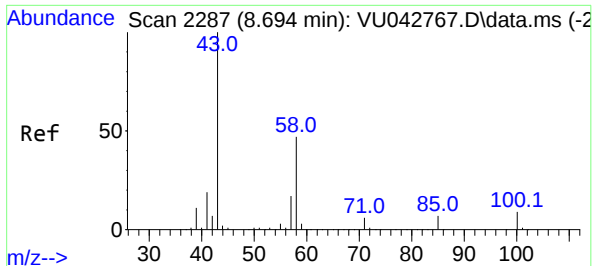
Tgt Ion: 98 Resp: 243244
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



#52
Toluene
Concen: 3.35 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 92 Resp: 11657
Ion Ratio Lower Upper
92 100
91 174.1 140.6 210.8

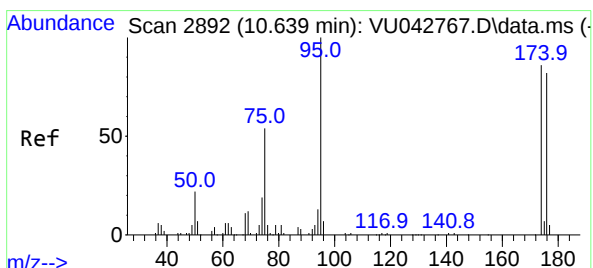
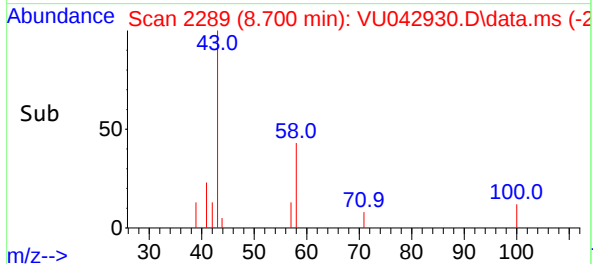
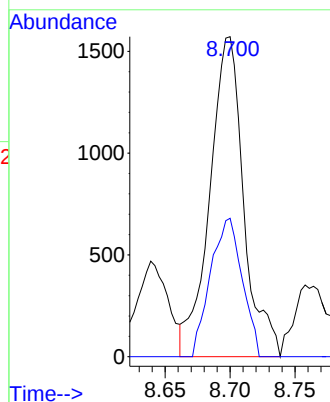
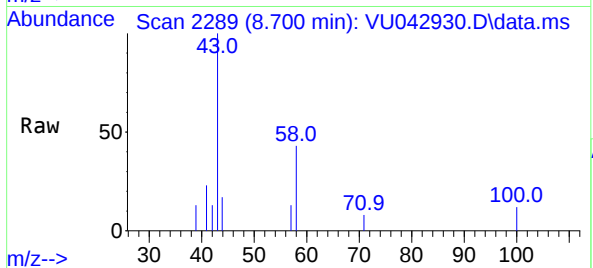




#59
2-Hexanone
Concen: 1.15 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

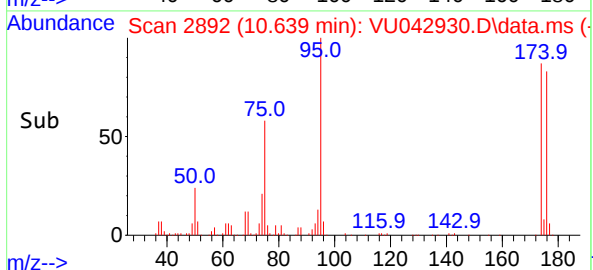
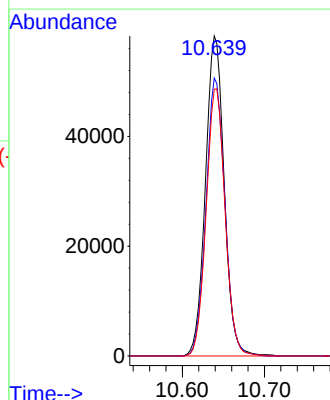
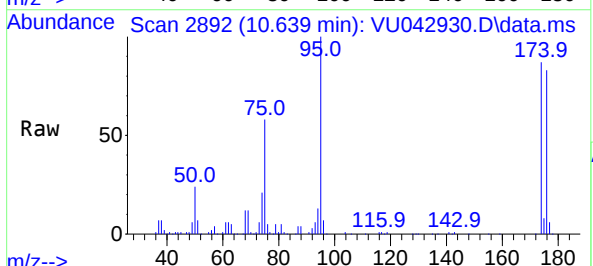
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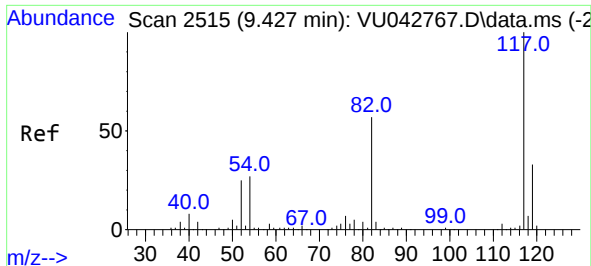
Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
58 40.4 23.8 71.2



#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 95 Resp: 92589
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.2
176 84.1 0.0 167.4

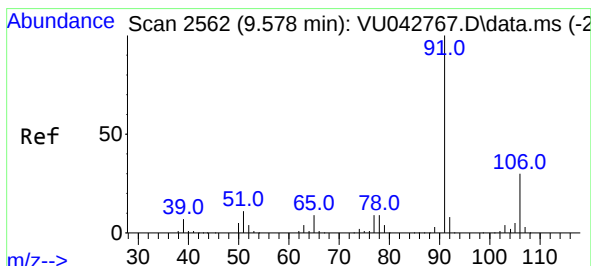
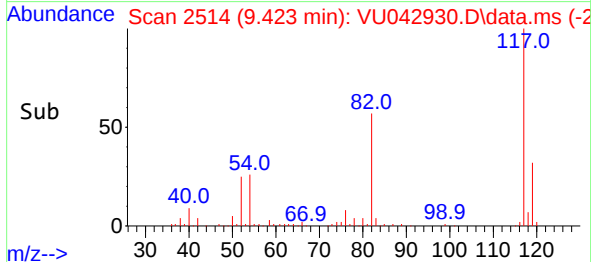
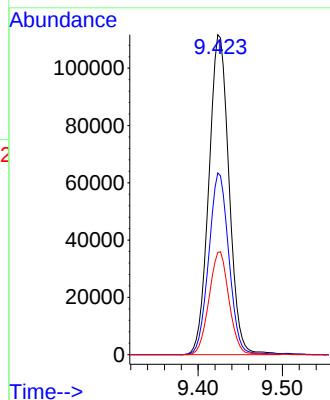
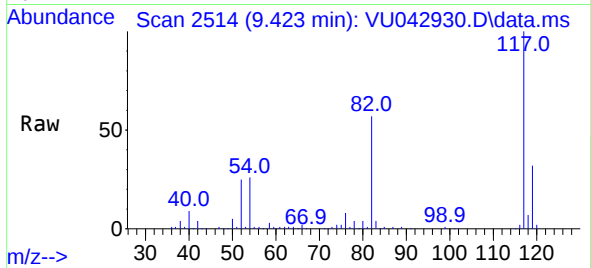




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

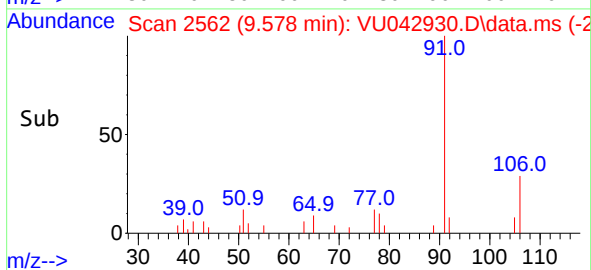
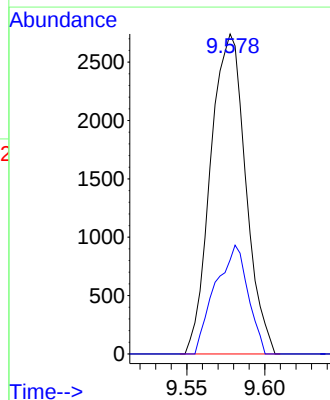
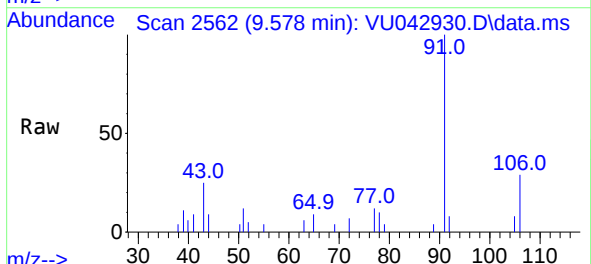
Instrument :
MSVOA_U
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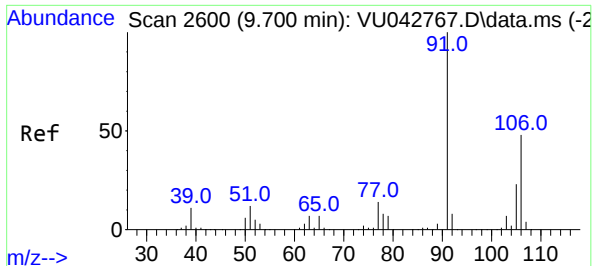
Tgt Ion:117 Resp: 185934
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 31.9 26.2 39.4



#67
Ethyl Benzene
Concen: 0.63 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 91 Resp: 4279
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1

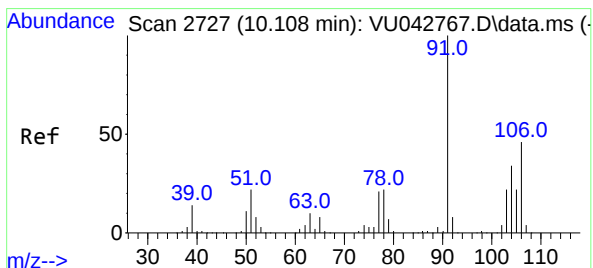
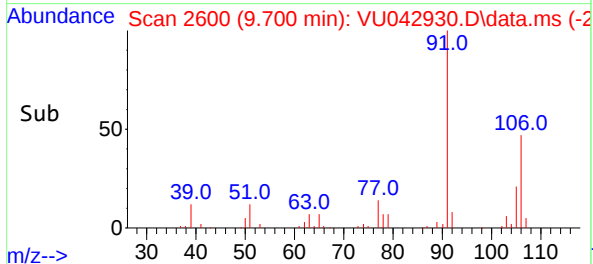
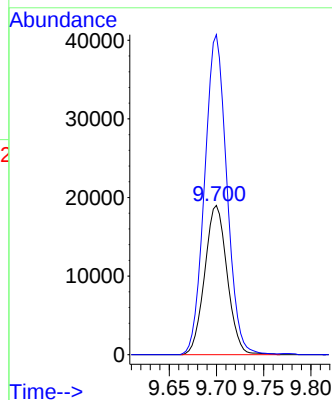
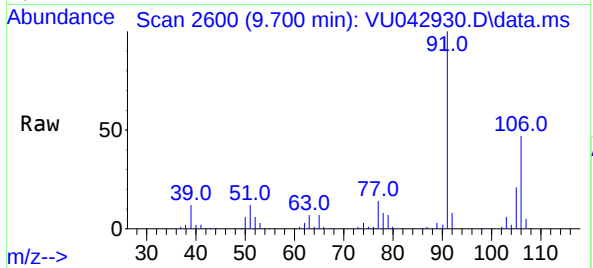




#68
m/p-Xylenes
Concen: 12.58 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

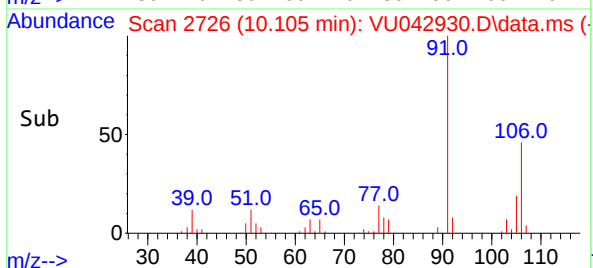
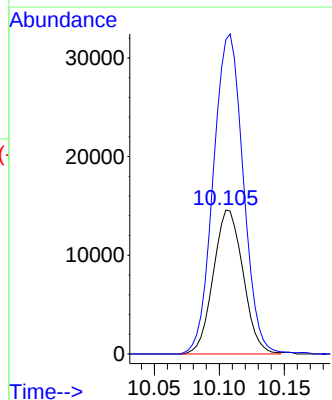
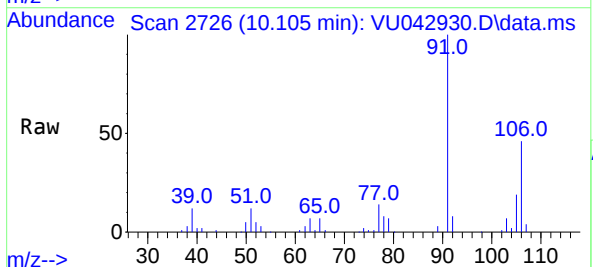
Instrument :
MSVOA_U
ClientSampled :
30776

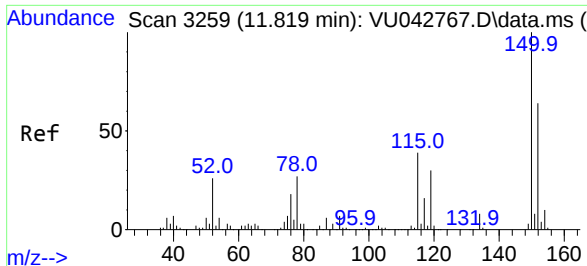
Tgt Ion:106 Resp: 31429
Ion Ratio Lower Upper
106 100
91 211.7 168.3 252.5



#69
o-Xylene
Concen: 9.59 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion:106 Resp: 23201
Ion Ratio Lower Upper
106 100
91 224.3 109.9 329.7

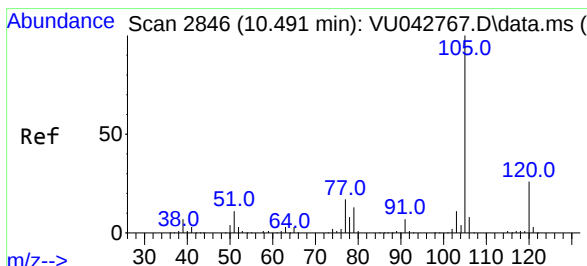
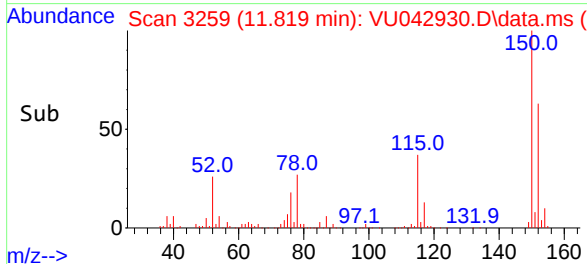
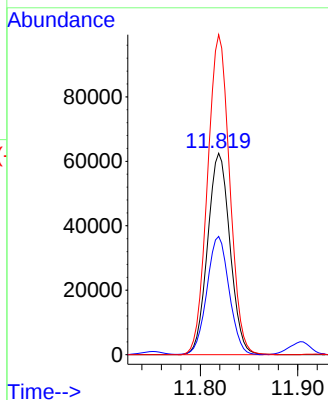
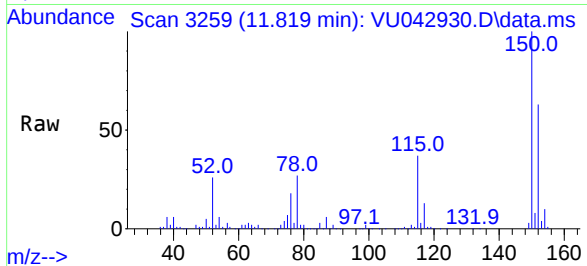




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

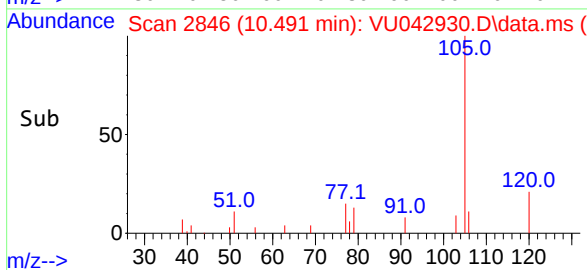
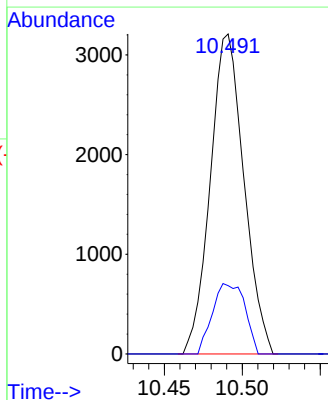
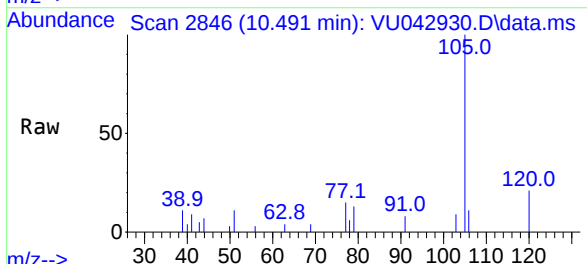
Instrument :
MSVOA_U
ClientSampled :
30776

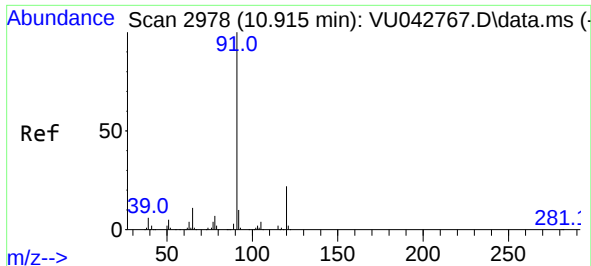
Tgt Ion:152 Resp: 99748
Ion Ratio Lower Upper
152 100
115 58.4 41.0 123.0
150 157.1 0.0 341.0



#73
Isopropylbenzene
Concen: 0.76 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion:105 Resp: 4808
Ion Ratio Lower Upper
105 100
120 21.2 12.9 38.6

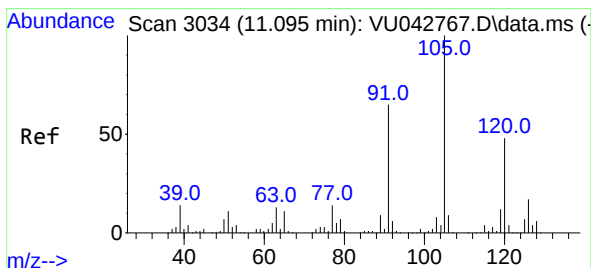
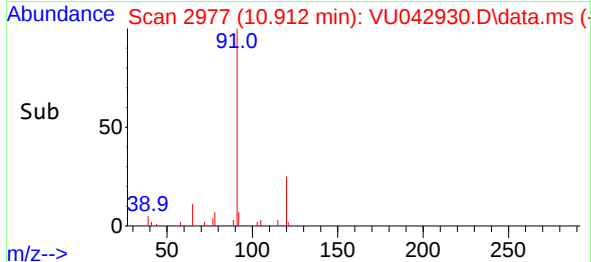
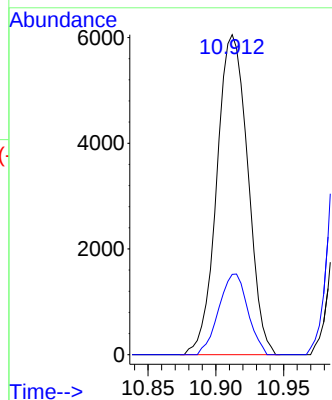
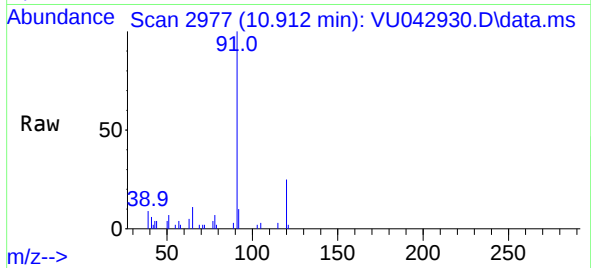




#78
n-propylbenzene
Concen: 1.29 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

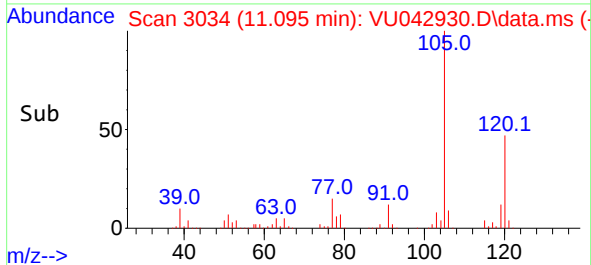
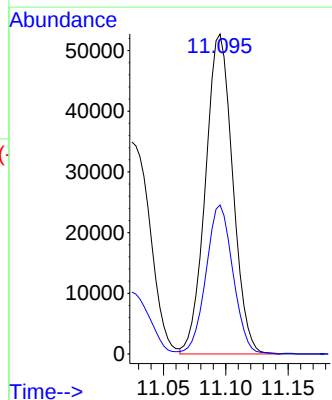
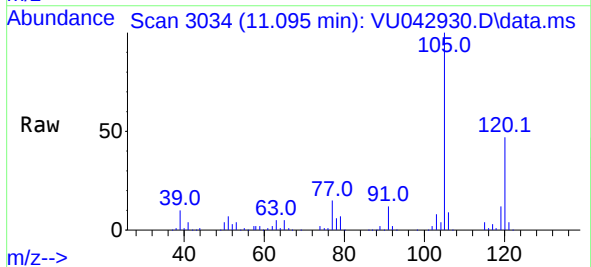
Instrument :
MSVOA_U
ClientSampleId :
30776

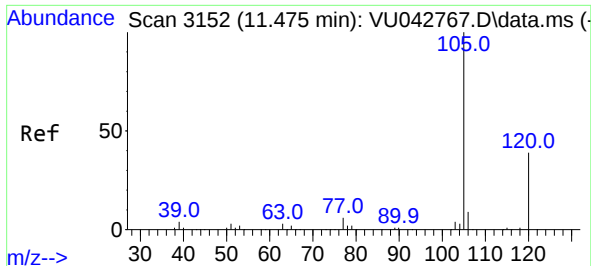
Tgt Ion: 91 Resp: 9604
Ion Ratio Lower Upper
91 100
120 23.6 11.1 33.1



#80
1,3,5-Trimethylbenzene
Concen: 14.65 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion: 105 Resp: 80245
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.2

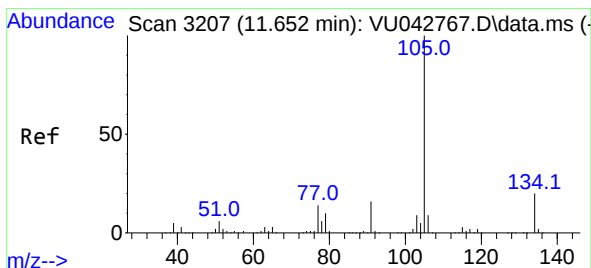
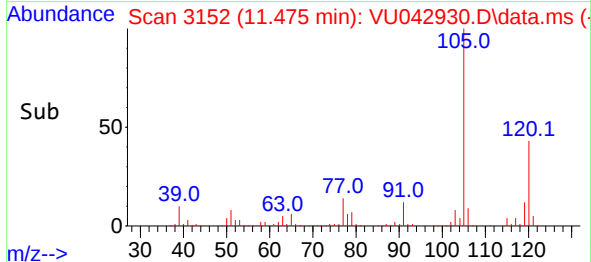
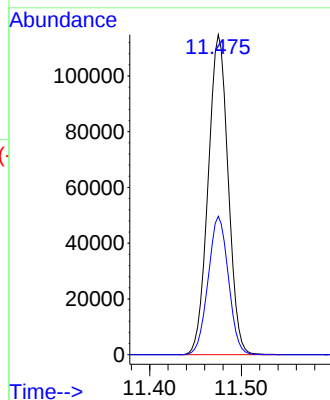
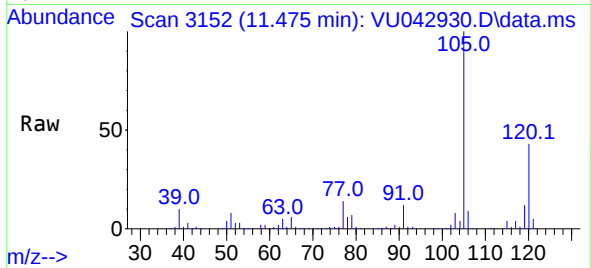




#84
1,2,4-Trimethylbenzene
Concen: 31.41 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

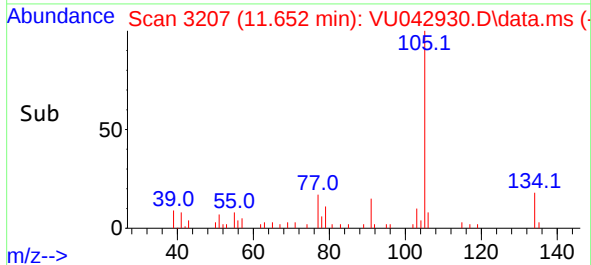
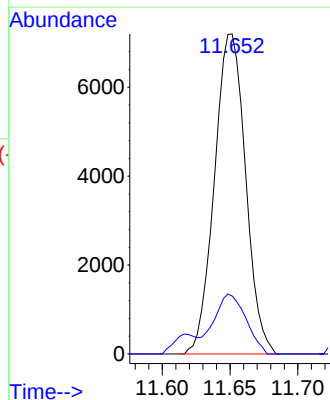
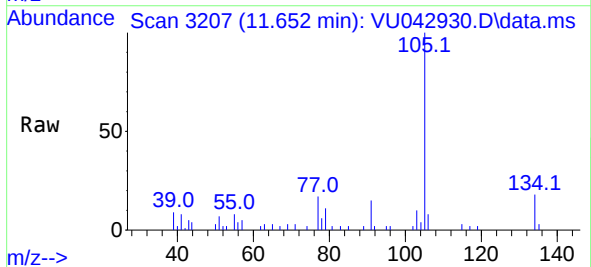
Instrument :
MSVOA_U
ClientSampled :
30776

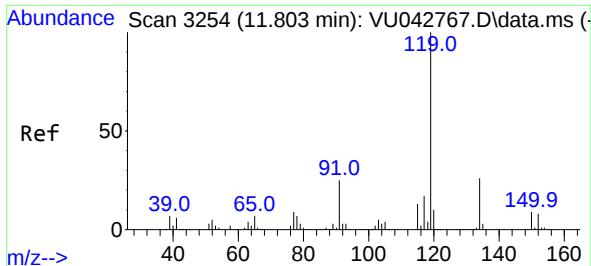
Tgt Ion:105 Resp: 173742
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.85 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion:105 Resp: 11502
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.5

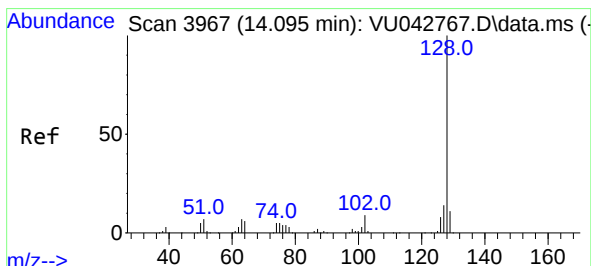
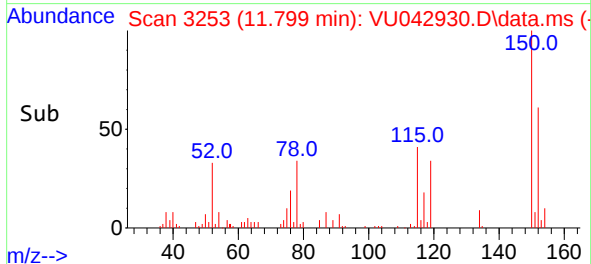
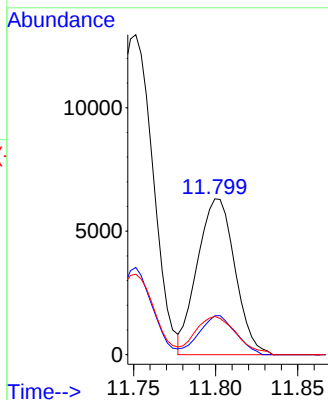
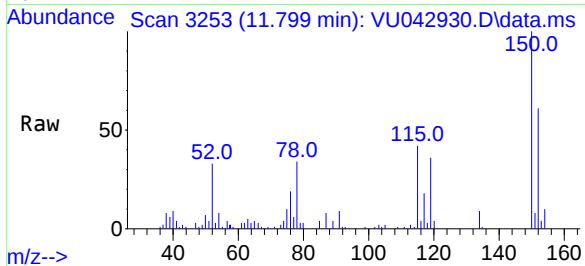




#86
p-Isopropyltoluene
Concen: 1.77 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Instrument :
MSVOA_U
ClientSampleId :
30776

Tgt Ion:119 Resp: 10065
Ion Ratio Lower Upper
119 100
134 24.2 12.8 38.3
91 26.7 12.6 37.8



#95
Naphthalene
Concen: 5.63 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042930.D
Acq: 05 Apr 2021 15:02

Tgt Ion:128 Resp: 21789
Ion Ratio Lower Upper
128 100
127 14.5 10.9 16.3
129 12.1 8.7 13.1

