

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042857.D
 Acq On : 31 Mar 2021 15:07
 Operator : SY/MD
 Sample : M1836-01ME
 Misc : 8.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B1-0-2ME

Quant Time: Apr 01 04:42:06 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)

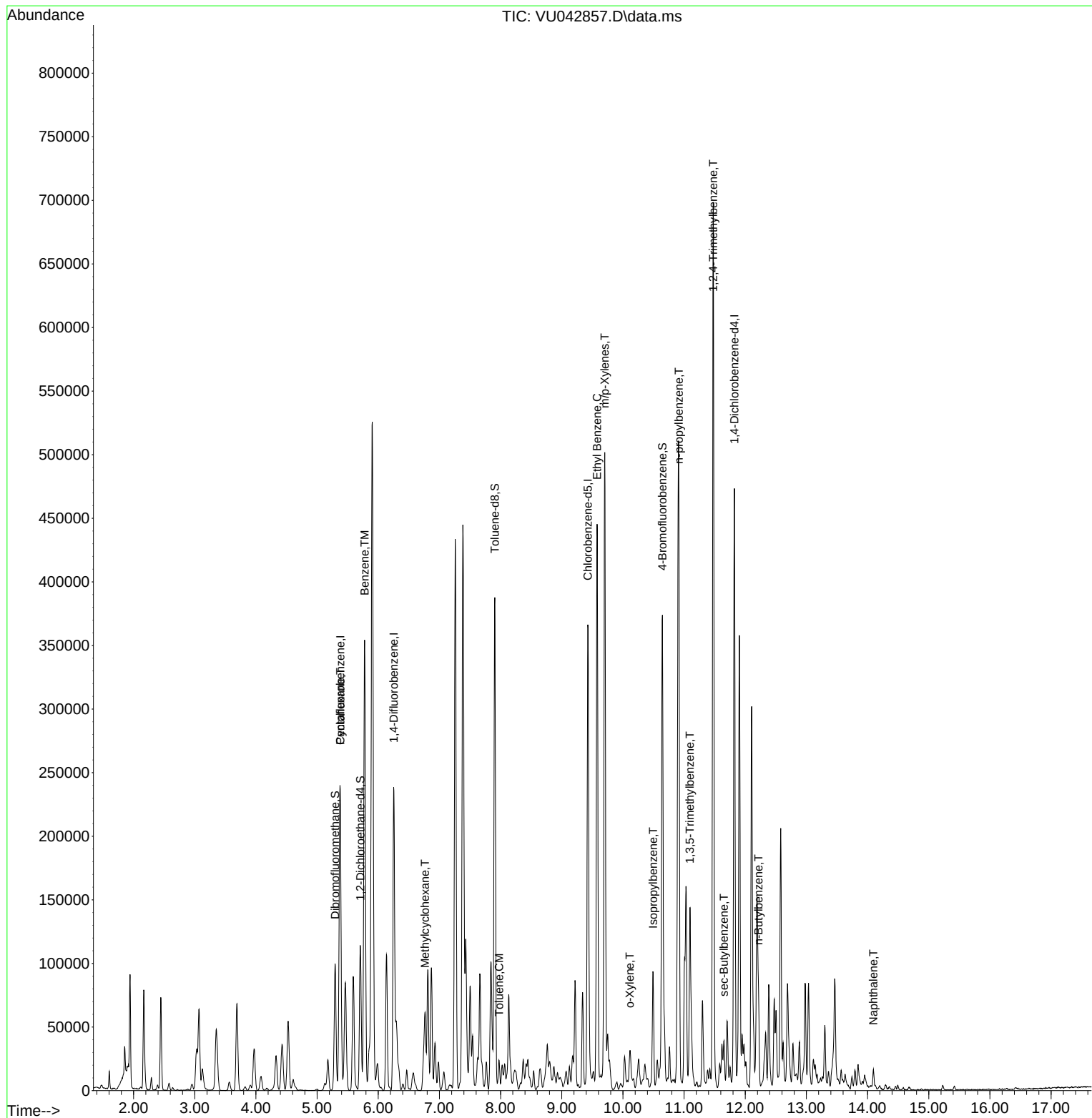
Internal Standards						
1) Pentafluorobenzene	5.378	168	114986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	183408	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	195165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	111797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	89612	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	5.295	113	60237	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
50) Toluene-d8	7.906	98	239143	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	10.645	95	103970	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
Target Compounds					Qvalue	
31) Cyclohexane	5.378	56	24027	10.53	ug/l #	79
39) Methylcyclohexane	6.764	83	22872	11.01	ug/l	98
40) Benzene	5.777	78	302276	55.70	ug/l	100
52) Toluene	7.976	92	7169	2.16	ug/l	91
67) Ethyl Benzene	9.578	91	300856	42.27	ug/l	99
68) m/p-Xylenes	9.703	106	131121	49.99	ug/l	99
69) o-Xylene	10.111	106	5197	2.05	ug/l	98
73) Isopropylbenzene	10.494	105	53838	7.61	ug/l	98
78) n-propylbenzene	10.915	91	252697	30.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	70554	11.49	ug/l	100
84) 1,2,4-Trimethylbenzene	11.478	105	357327	57.64	ug/l	98
85) sec-Butylbenzene	11.651	105	19618	2.82	ug/l	98
89) n-Butylbenzene	12.217	91	44658	7.44	ug/l #	72
95) Naphthalene	14.095	128	11339	3.99	ug/l	97

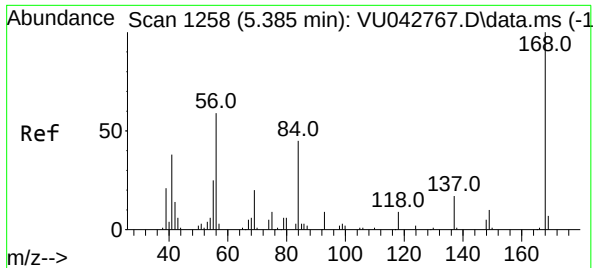
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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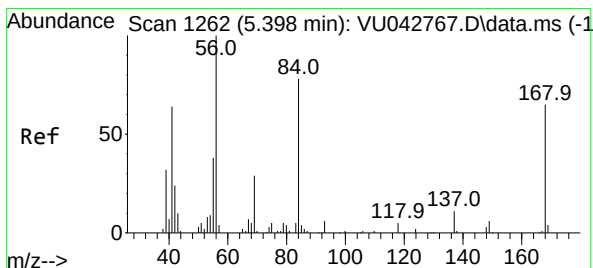
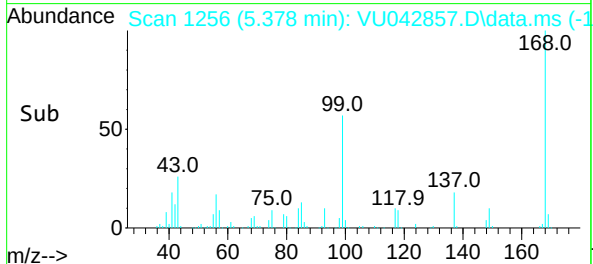
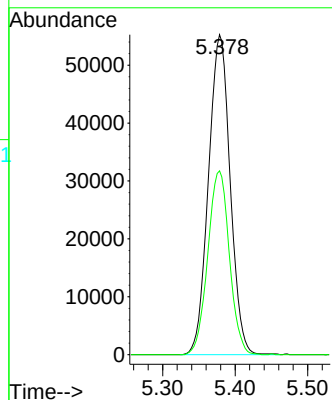
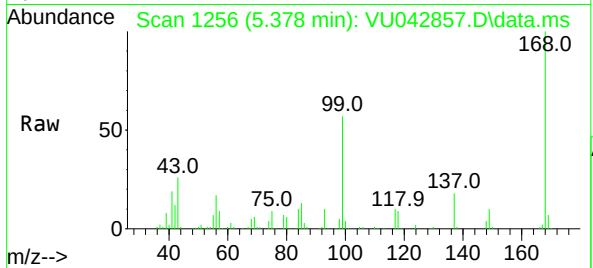




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

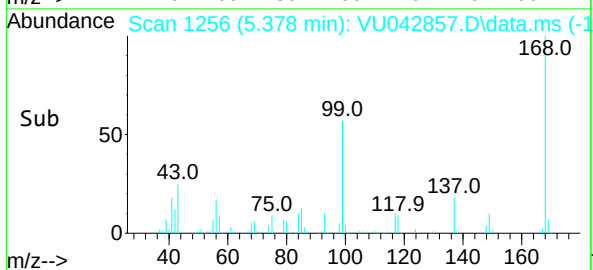
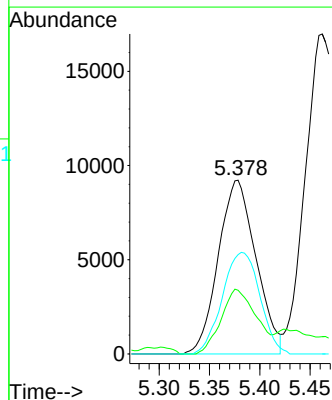
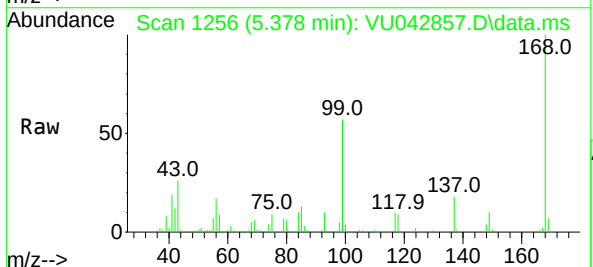
Instrument :
MSVOA_U
ClientSampleId :
B1-0-2ME

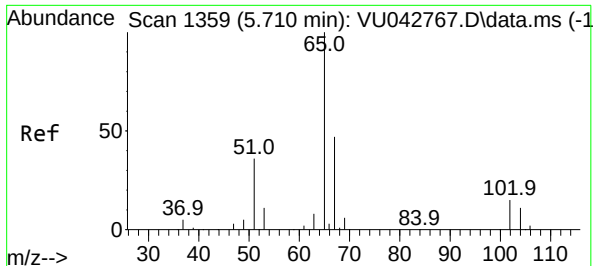
Tgt Ion:168 Resp: 114986
Ion Ratio Lower Upper
168 100
99 57.5 46.4 69.6



#31
Cyclohexane
Concen: 10.53 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.020 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 56 Resp: 24027
Ion Ratio Lower Upper
56 100
69 36.6 23.3 34.9#
84 57.2 62.2 93.4#





#33

1,2-Dichloroethane-d4

Concen: 48.89 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. -0.003 min

Lab File: VU042857.D

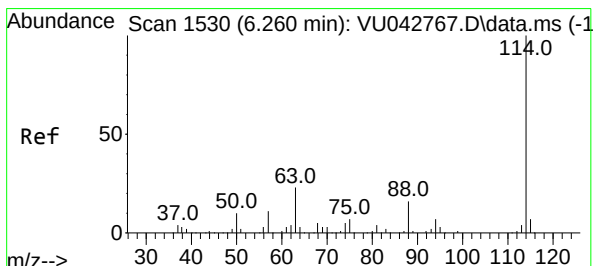
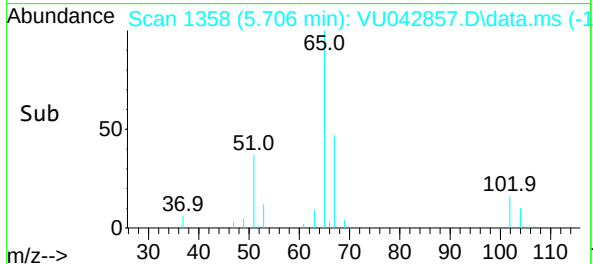
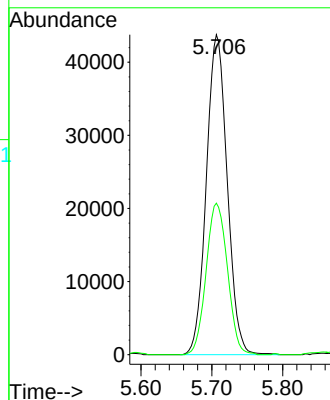
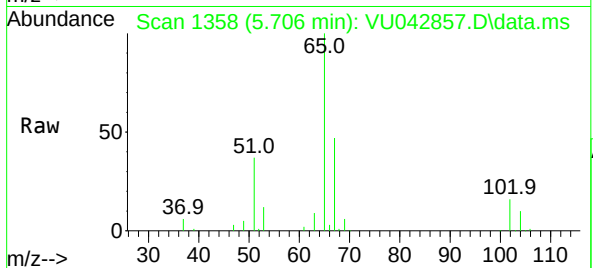
Acq: 31 Mar 2021 15:07

Tgt Ion: 65 Resp: 89612

Ion Ratio Lower Upper

65 100

67 48.4 0.0 98.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.007 min

Lab File: VU042857.D

Acq: 31 Mar 2021 15:07

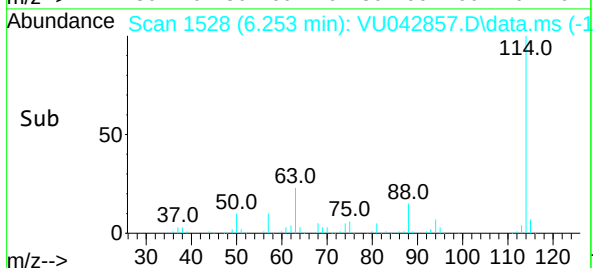
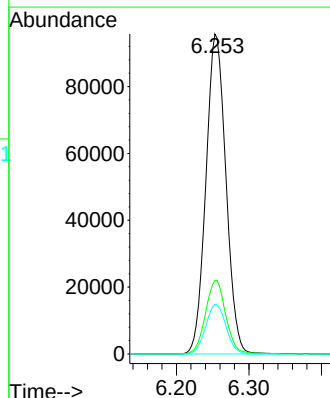
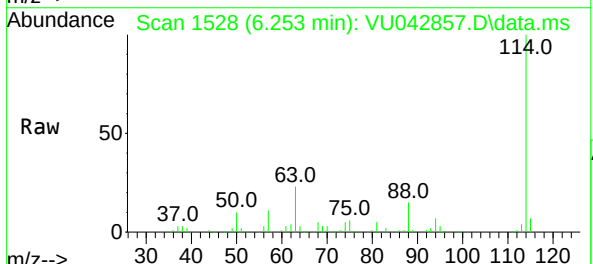
Tgt Ion: 114 Resp: 183408

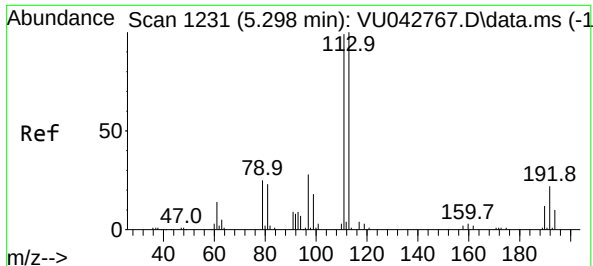
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.8

88 15.5 0.0 32.2

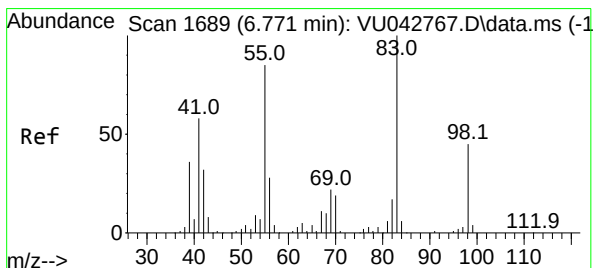
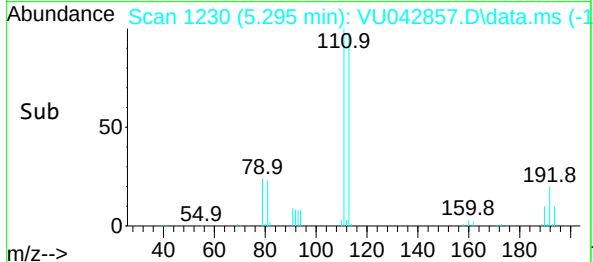
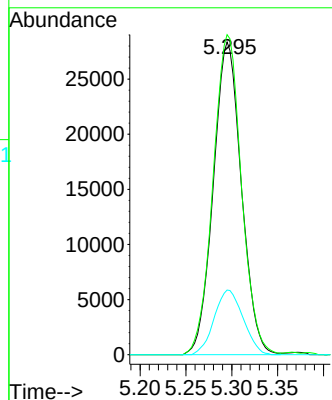
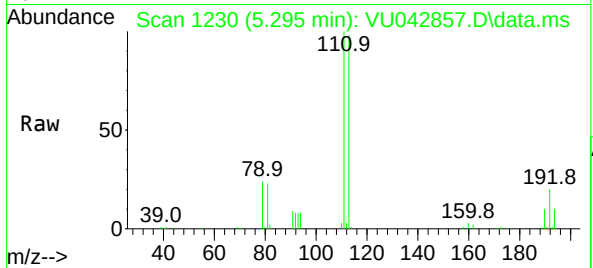




#35
Dibromofluoromethane
Concen: 44.01 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

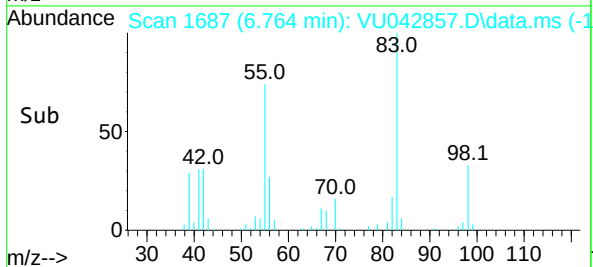
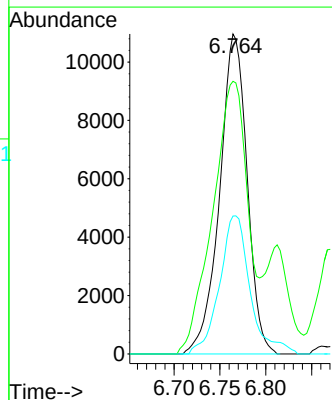
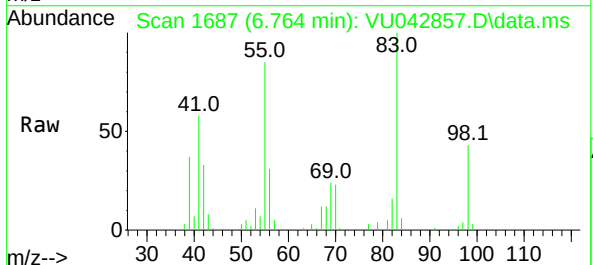
Instrument :
MSVOA_U
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B1-0-2ME

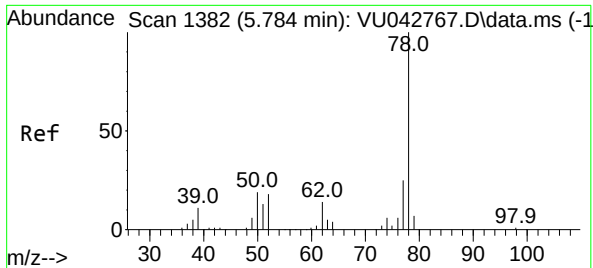
Tgt Ion:113 Resp: 60237
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 21.4 17.6 26.4



#39
Methylcyclohexane
Concen: 11.01 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. -0.007 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 83 Resp: 22872
Ion Ratio Lower Upper
83 100
55 83.5 68.2 102.4
98 43.1 36.3 54.5

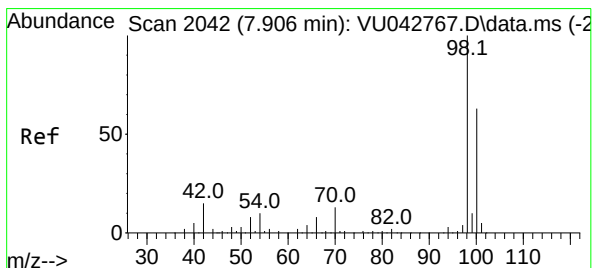
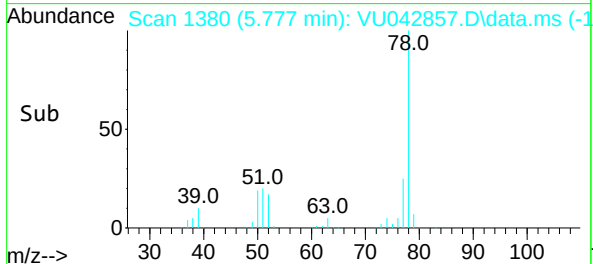
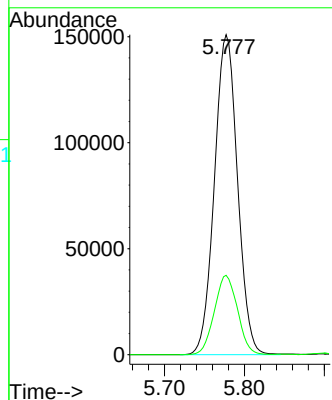
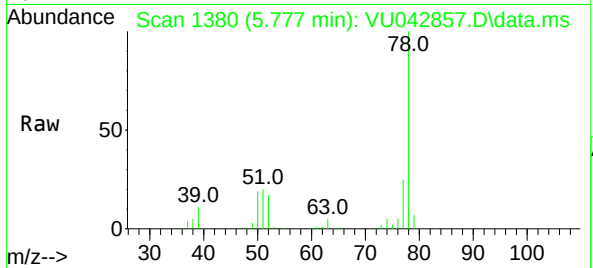




#40
Benzene
Concen: 55.70 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

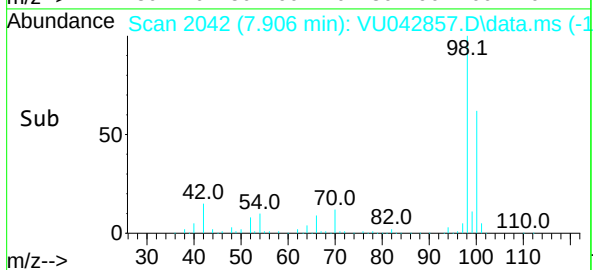
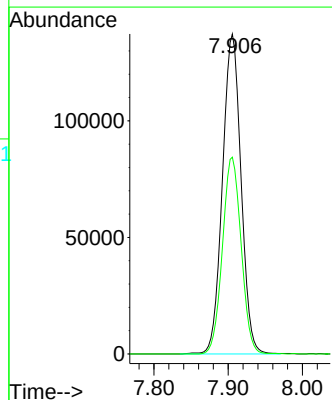
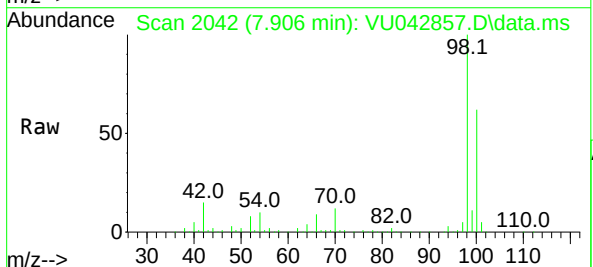
Instrument :
MSVOA_U
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B1-0-2ME

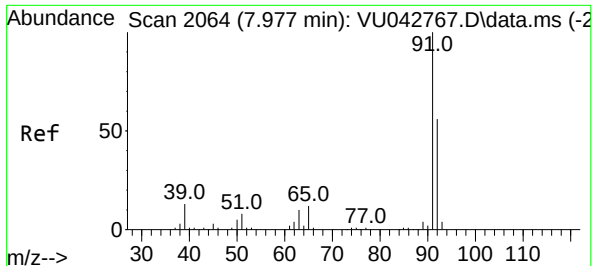
Tgt Ion: 78 Resp: 302276
Ion Ratio Lower Upper
78 100
77 24.8 19.9 29.9



#50
Toluene-d8
Concen: 49.66 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 98 Resp: 239143
Ion Ratio Lower Upper
98 100
100 61.8 50.4 75.6

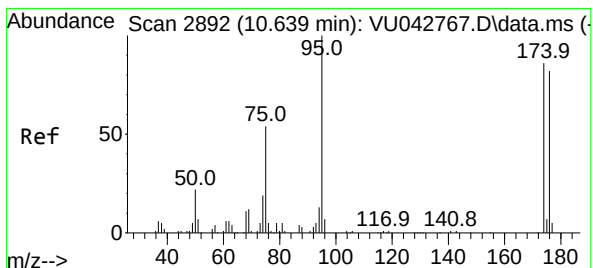
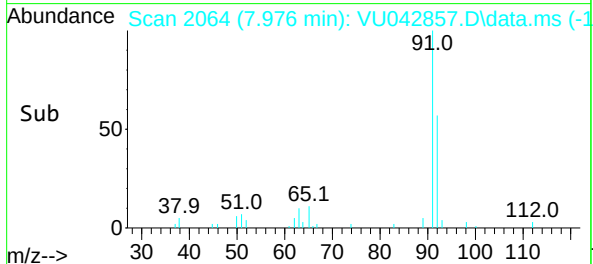
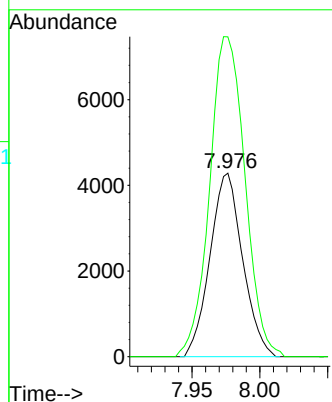
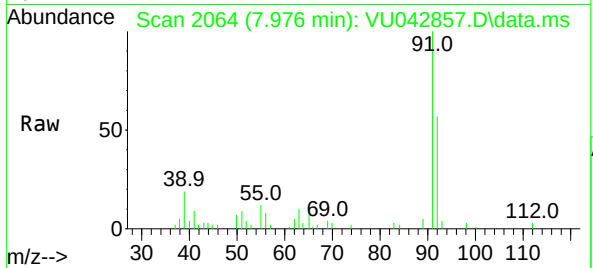




#52
Toluene
Concen: 2.16 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

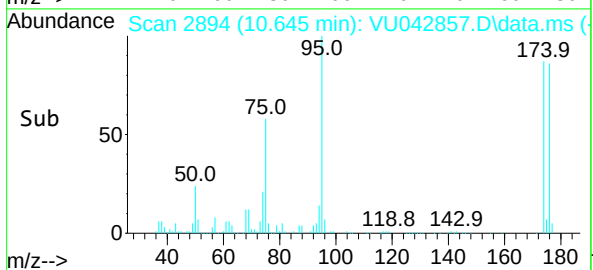
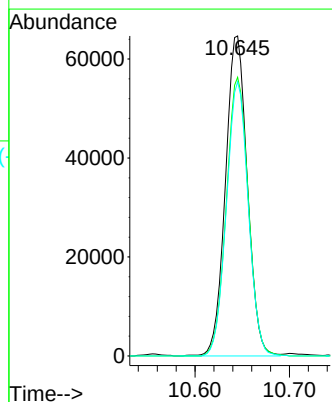
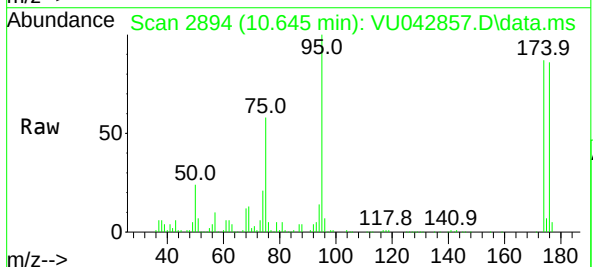
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MSVOA_U
ClientSampleId :
B1-0-2ME

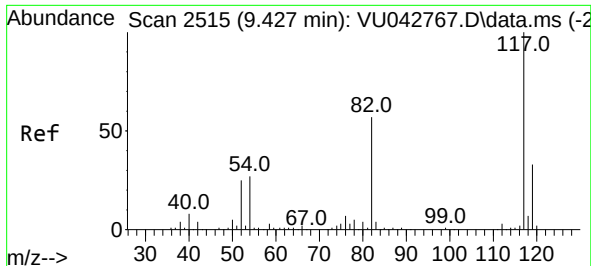
Tgt Ion: 92 Resp: 7169
Ion Ratio Lower Upper
92 100
91 188.9 140.6 210.8



#62
4-Bromofluorobenzene
Concen: 55.56 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.006 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 95 Resp: 103970
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.2
176 85.2 0.0 167.4

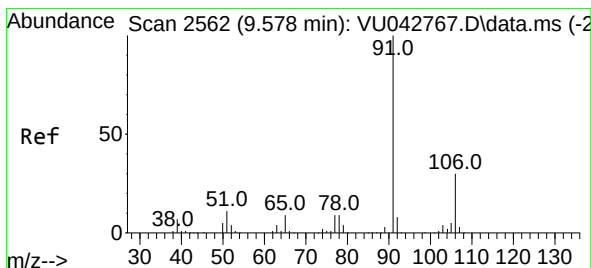
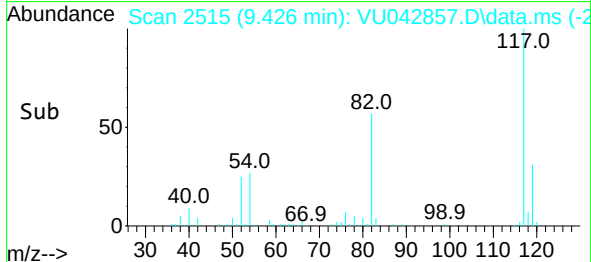
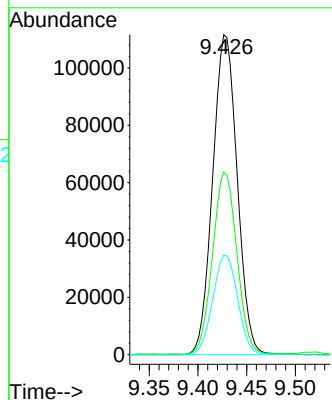
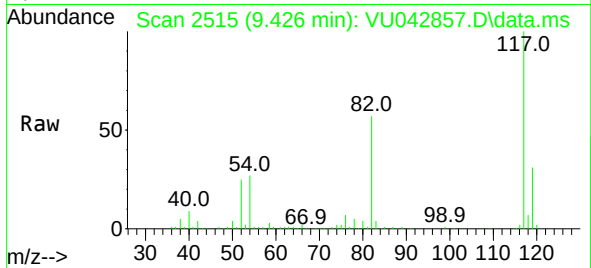




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

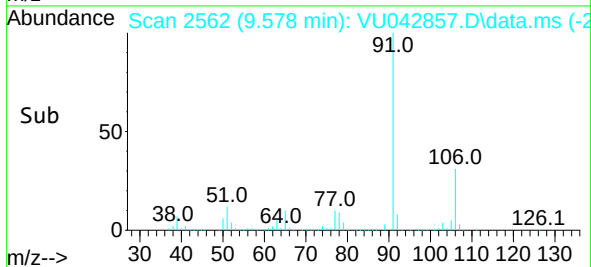
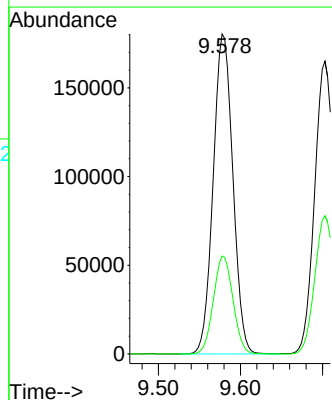
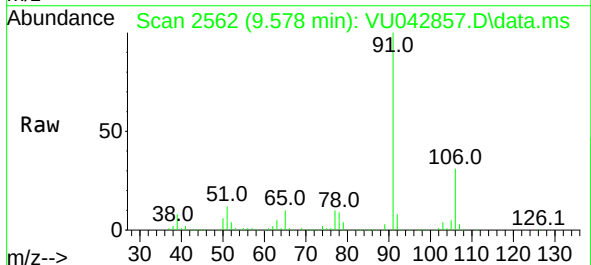
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MSVOA_U
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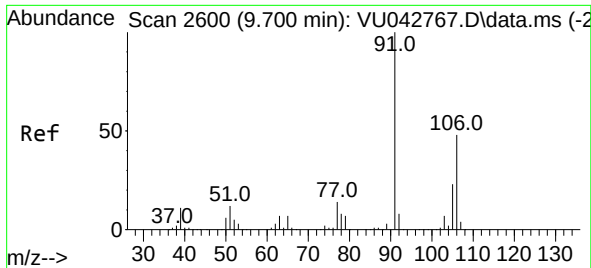
Tgt Ion:117 Resp: 195165
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.1 26.2 39.4



#67
Ethyl Benzene
Concen: 42.27 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 91 Resp: 300856
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1

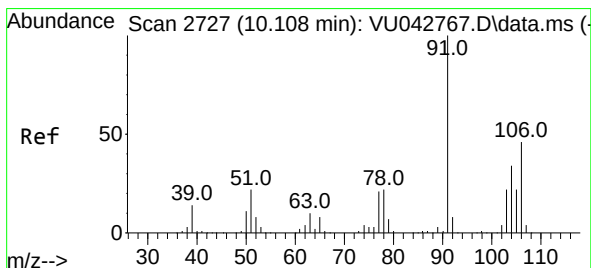
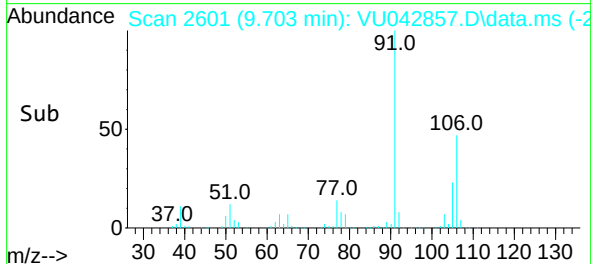
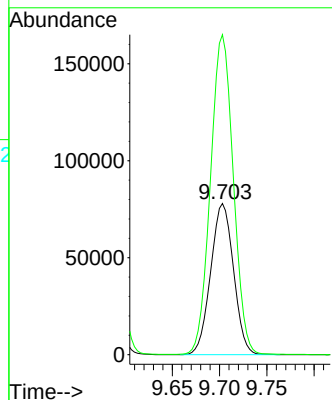
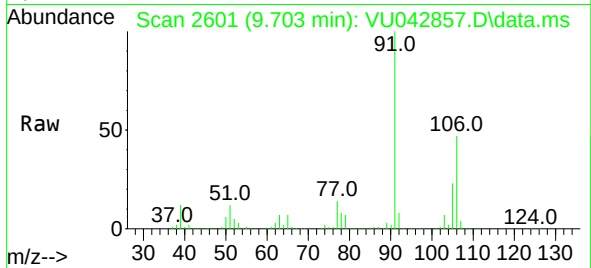




#68
m/p-Xylenes
Concen: 49.99 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

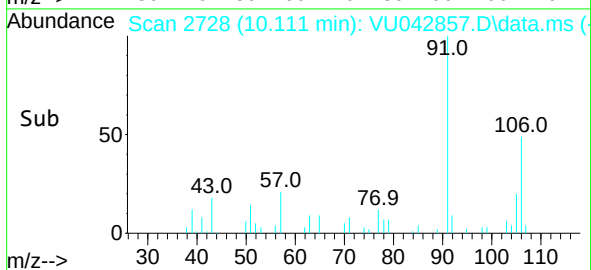
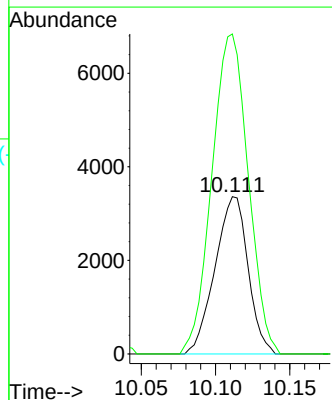
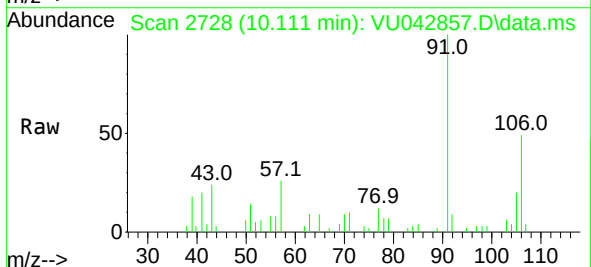
Instrument :
MSVOA_U
ClientSampleId :
B1-0-2ME

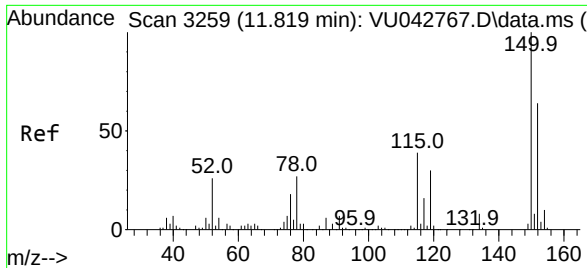
Tgt Ion:106 Resp: 131121
Ion Ratio Lower Upper
106 100
91 211.8 168.3 252.5



#69
o-Xylene
Concen: 2.05 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion:106 Resp: 5197
Ion Ratio Lower Upper
106 100
91 223.6 109.9 329.7

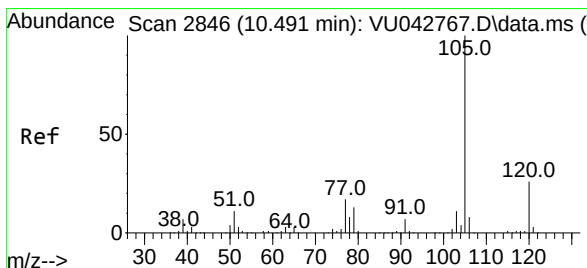
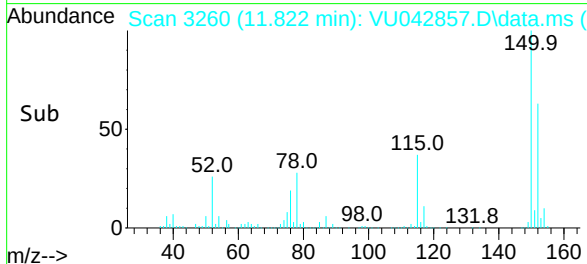
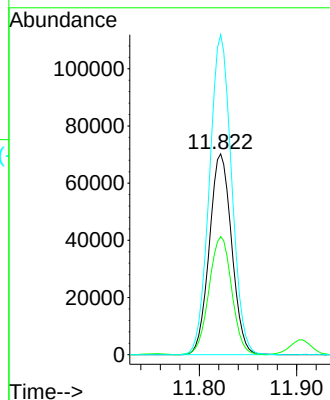
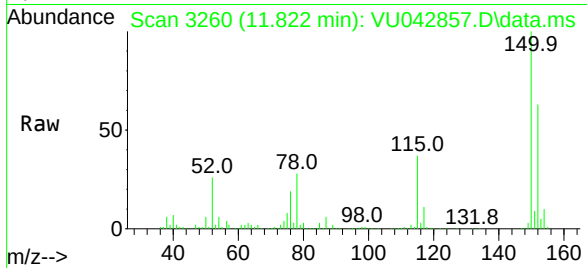




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

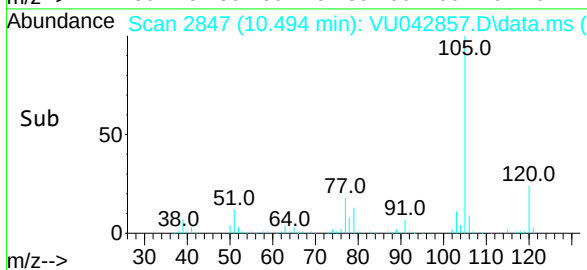
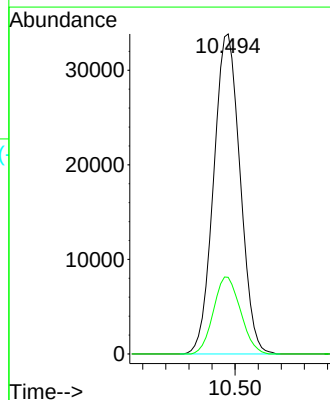
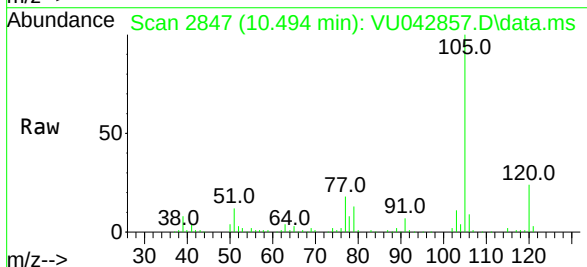
Instrument :
MSVOA_U
ClientSampleId :
B1-0-2ME

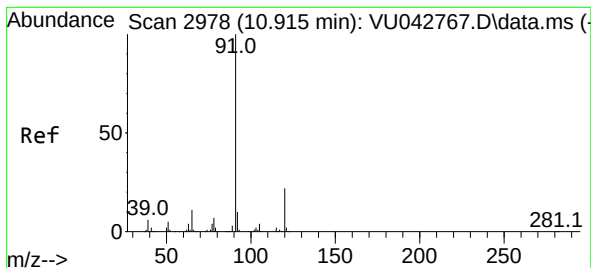
Tgt Ion:152 Resp: 111797
Ion Ratio Lower Upper
152 100
115 59.8 41.0 123.0
150 158.4 0.0 341.0



#73
Isopropylbenzene
Concen: 7.61 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion:105 Resp: 53838
Ion Ratio Lower Upper
105 100
120 24.5 12.9 38.6

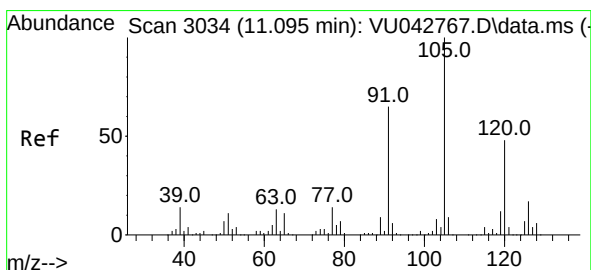
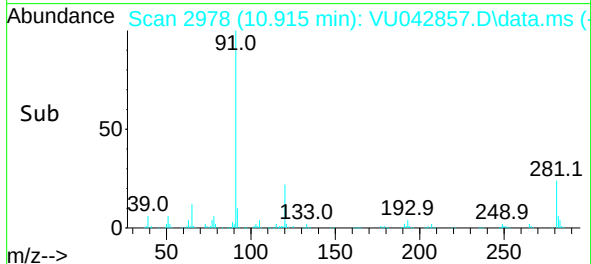
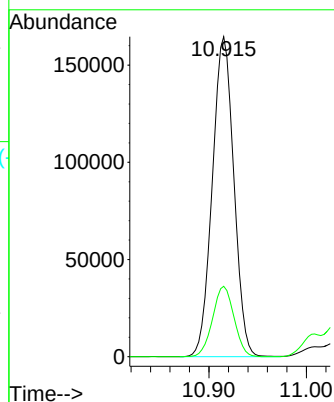
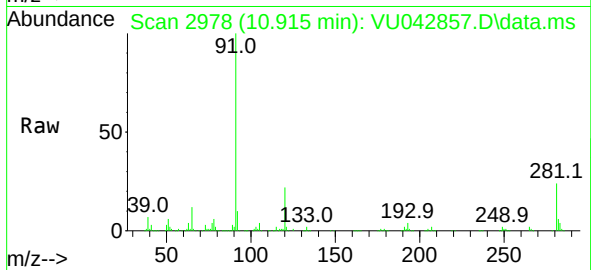




#78
n-propylbenzene
Concen: 30.34 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

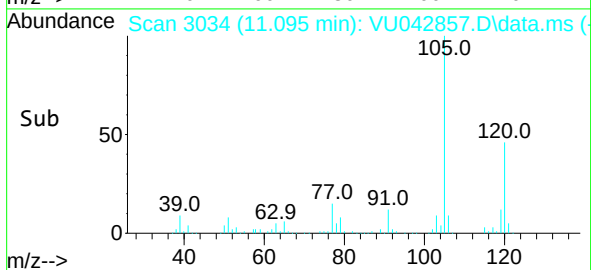
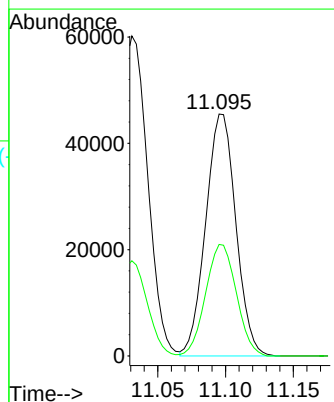
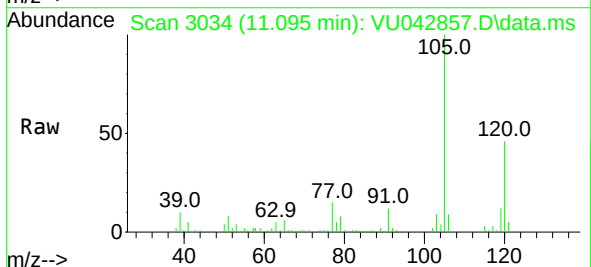
Instrument :
MSVOA_U
ClientSampleId :
B1-0-2ME

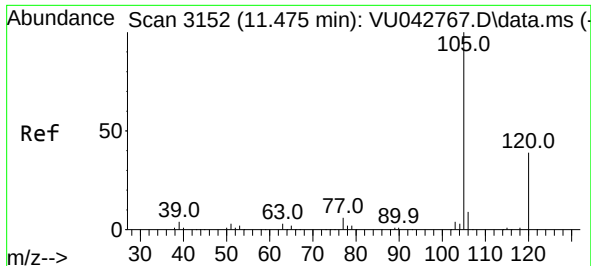
Tgt Ion: 91 Resp: 252697
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1



#80
1,3,5-Trimethylbenzene
Concen: 11.49 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion:105 Resp: 70554
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2

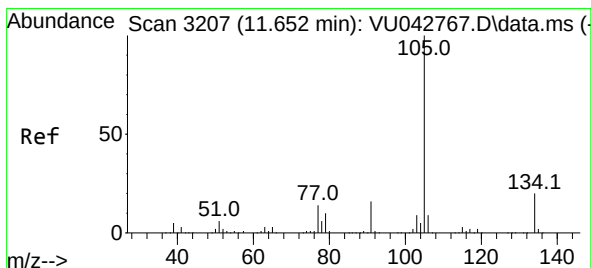
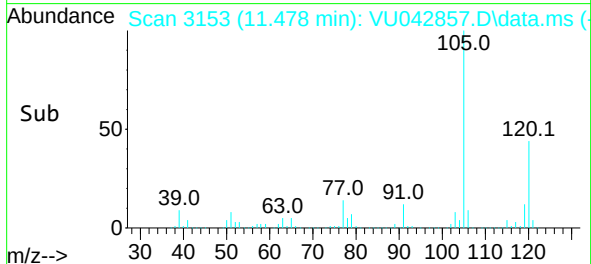
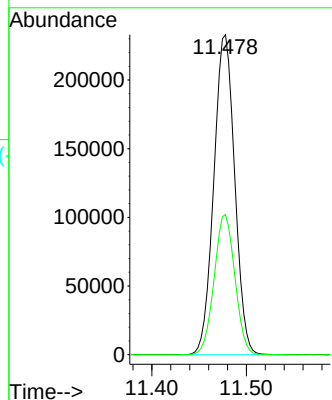
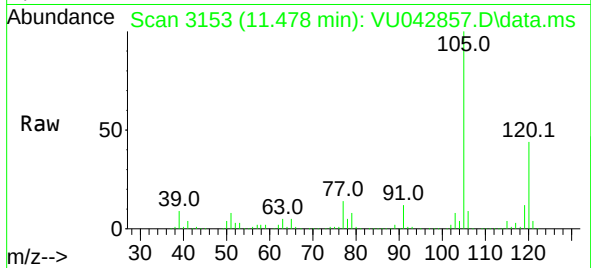




#84
1,2,4-Trimethylbenzene
Concen: 57.64 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

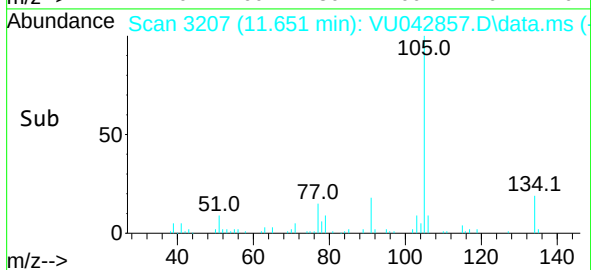
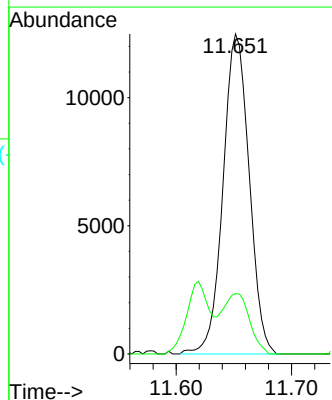
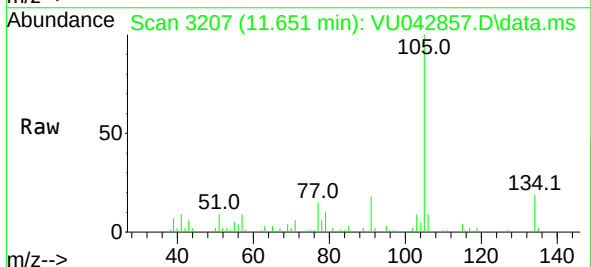
Instrument :
MSVOA_U
ClientSampleId :
B1-0-2ME

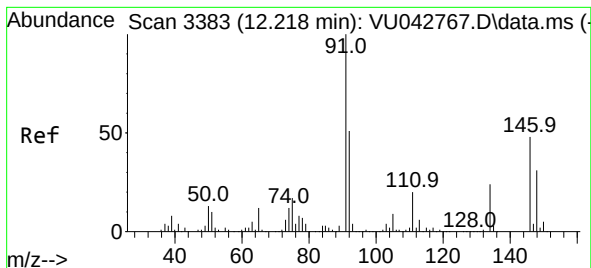
Tgt Ion:105 Resp: 357327
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8



#85
sec-Butylbenzene
Concen: 2.82 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion:105 Resp: 19618
Ion Ratio Lower Upper
105 100
134 18.9 9.8 29.5

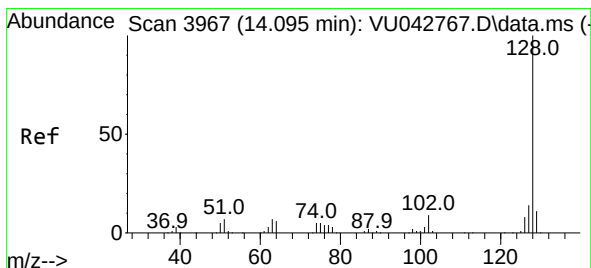
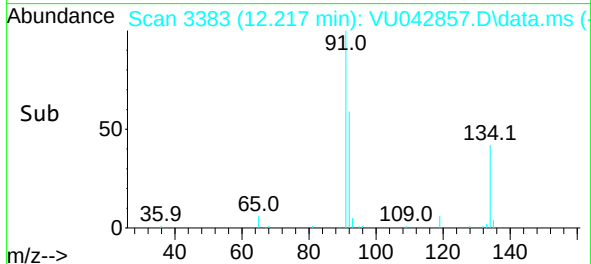
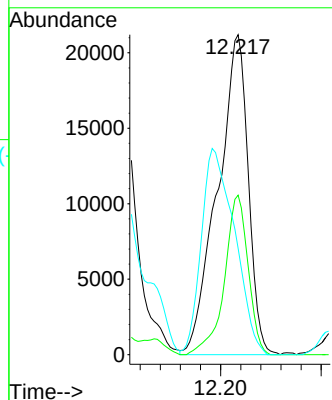
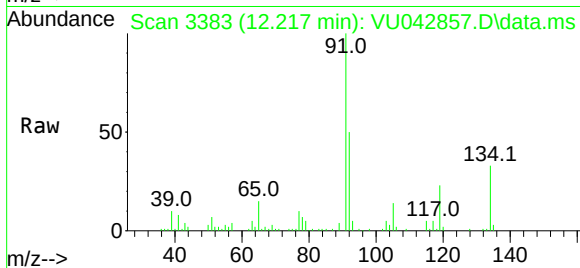




#89
n-Butylbenzene
Concen: 7.44 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Instrument :
MSVOA_U
ClientSampleId :
B1-0-2ME

Tgt Ion: 91 Resp: 44658
Ion Ratio Lower Upper
91 100
92 38.6 25.7 77.1
134 0.0 12.1 36.3#



#95
Naphthalene
Concen: 3.99 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042857.D
Acq: 31 Mar 2021 15:07

Tgt Ion:128 Resp: 11339
Ion Ratio Lower Upper
128 100
127 14.9 10.9 16.3
129 10.2 8.7 13.1

