

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042865.D
 Acq On : 31 Mar 2021 18:12
 Operator : SY/MD
 Sample : M1836-15
 Misc : 8.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B7-0-2

Quant Time: Apr 01 04:45:10 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)

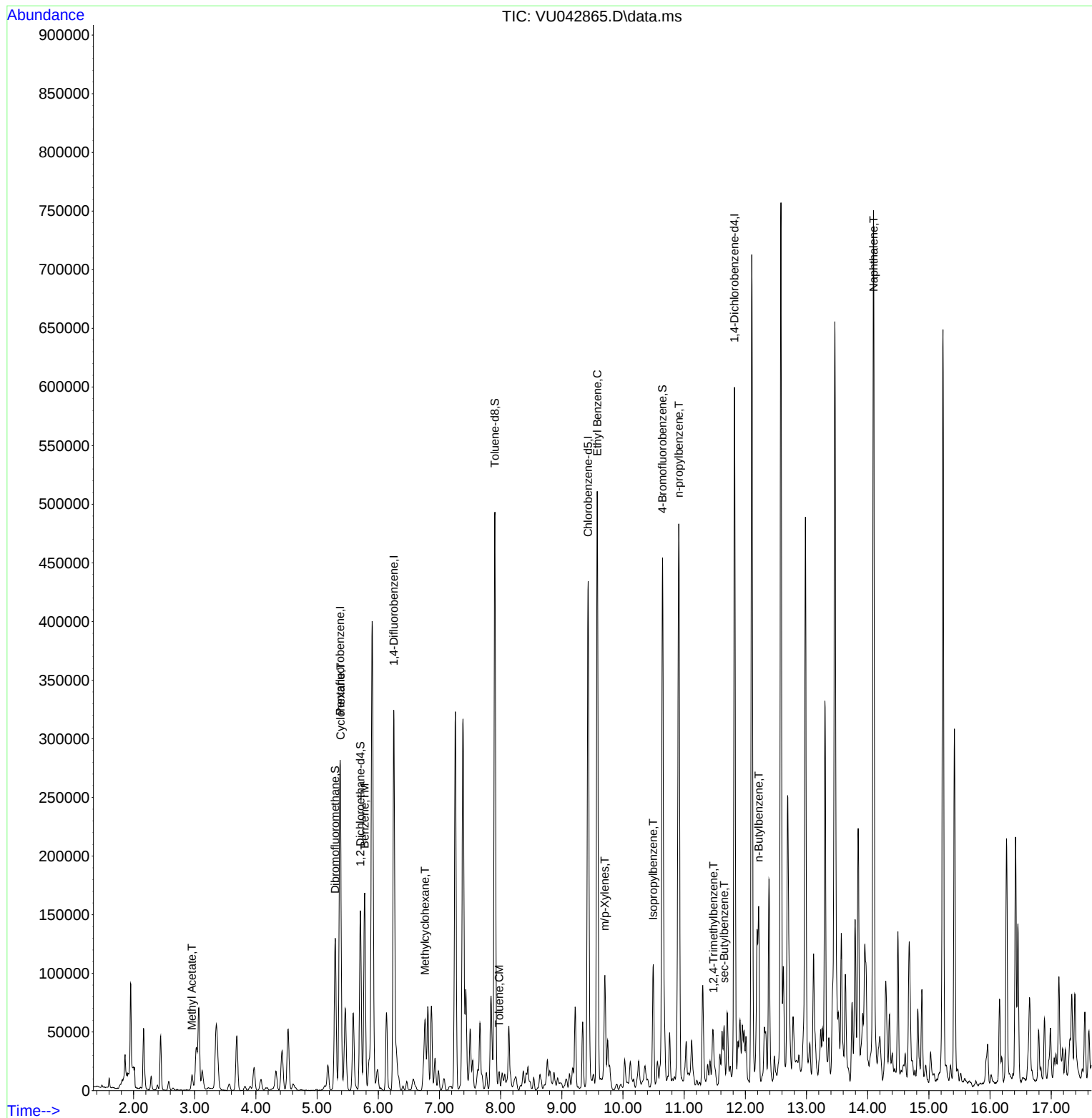
Internal Standards						
1) Pentafluorobenzene	5.376	168	153899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	247618	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.430	117	246715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	141276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	120019	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.295	113	81688	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
50) Toluene-d8	7.906	98	314565	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	10.645	95	133902	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
Target Compounds						
						Qvalue
18) Methyl Acetate	2.954	43	14677	5.22	ug/l	93
31) Cyclohexane	5.382	56	24821	8.13	ug/l #	83
39) Methylcyclohexane	6.765	83	23127	8.24	ug/l	96
40) Benzene	5.777	78	142542	19.45	ug/l	99
52) Toluene	7.977	92	4711	1.05	ug/l	100
67) Ethyl Benzene	9.581	91	361059	40.13	ug/l	100
68) m/p-Xylenes	9.703	106	25818	7.79	ug/l	99
73) Isopropylbenzene	10.494	105	64484	7.21	ug/l	98
78) n-propylbenzene	10.916	91	289396	27.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.478	105	11251	1.44	ug/l	100
85) sec-Butylbenzene	11.655	105	26063	2.97	ug/l	92
89) n-Butylbenzene	12.218	91	85039	11.21	ug/l #	79
95) Naphthalene	14.095	128	548519	56.89	ug/l	99

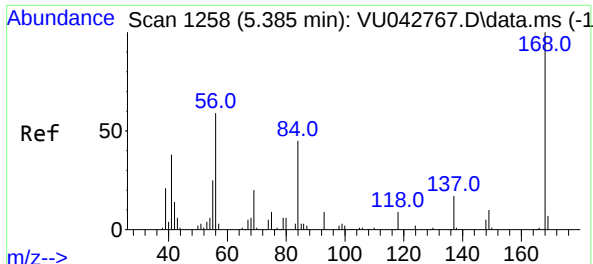
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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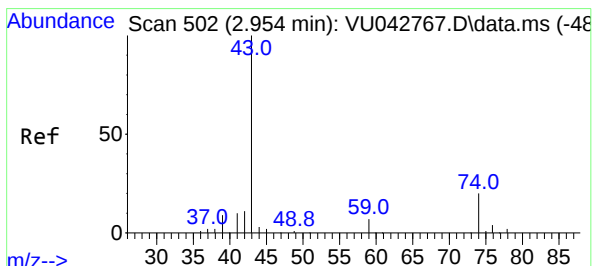
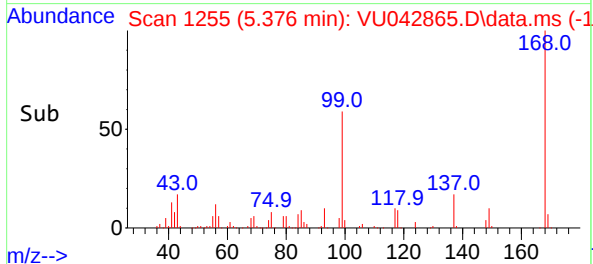
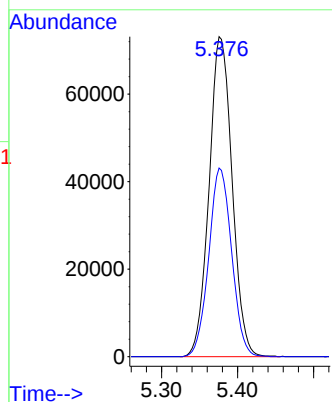
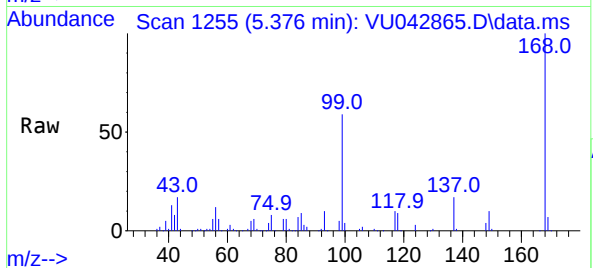




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.009 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

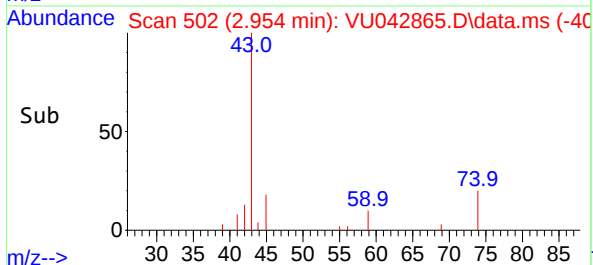
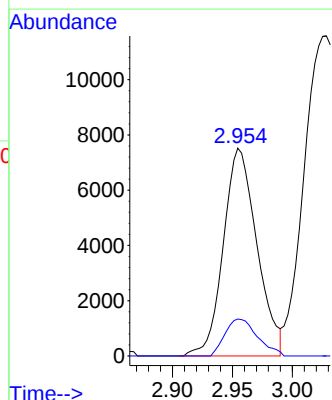
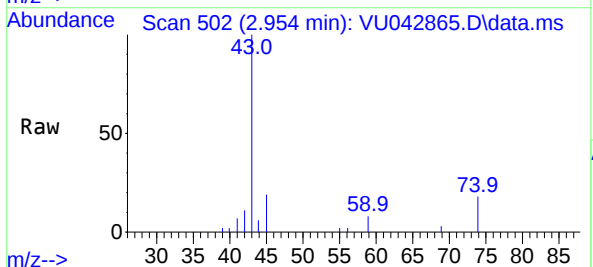
Instrument :
MSVOA_U
ClientSampled :
B7-0-2

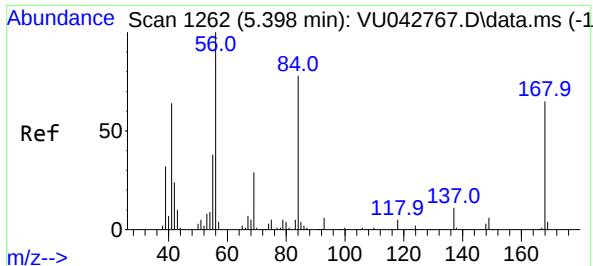
Tgt Ion:168 Resp: 153899
Ion Ratio Lower Upper
168 100
99 58.9 46.4 69.6



#18
Methyl Acetate
Concen: 5.22 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion: 43 Resp: 14677
Ion Ratio Lower Upper
43 100
74 17.1 16.2 24.4

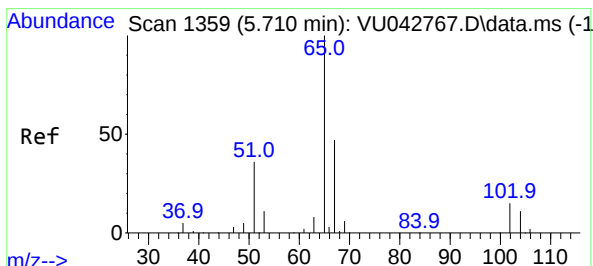
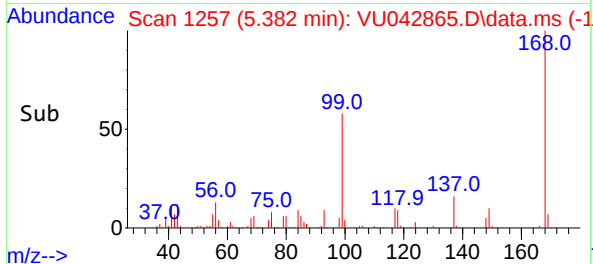
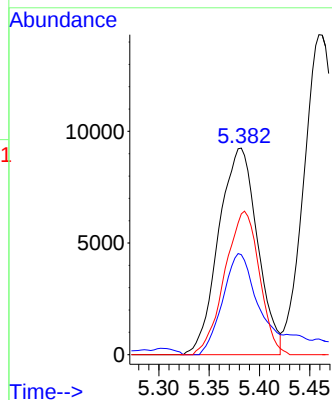
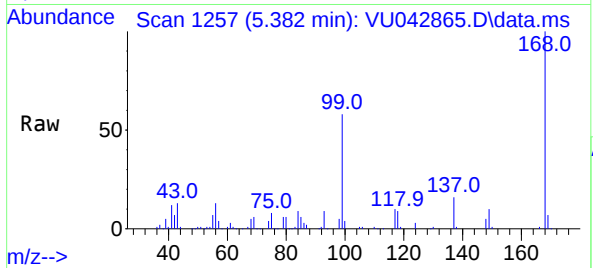




#31
Cyclohexane
Concen: 8.13 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

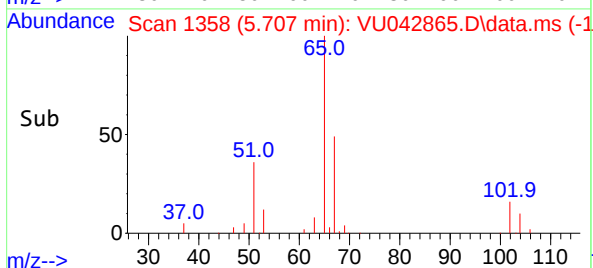
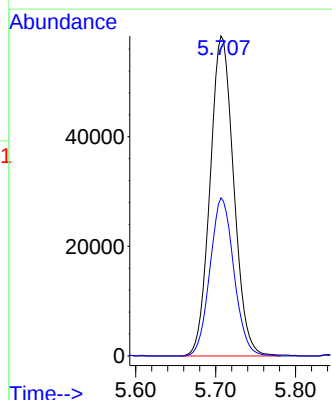
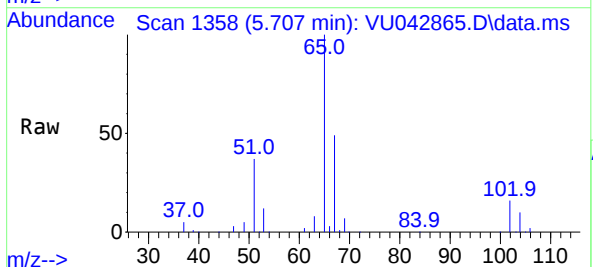
Instrument :
MSVOA_U
ClientSampled :
B7-0-2

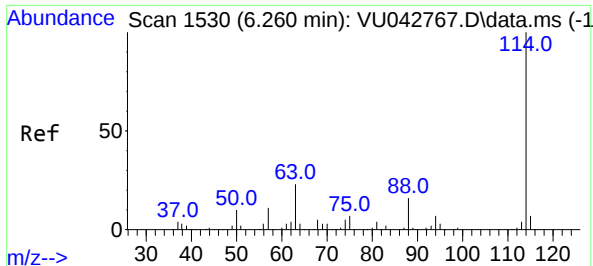
Tgt Ion: 56 Resp: 24821
Ion Ratio Lower Upper
56 100
69 47.1 23.3 34.9#
84 68.2 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 48.92 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. -0.003 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion: 65 Resp: 120019
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.8

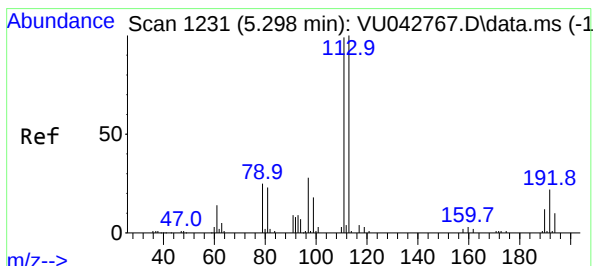
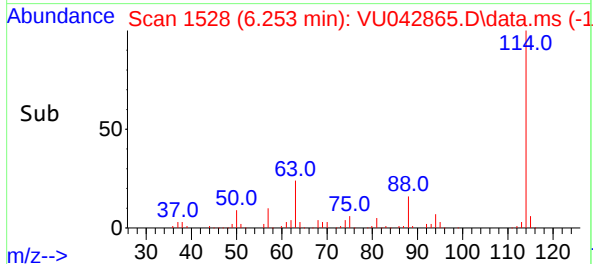
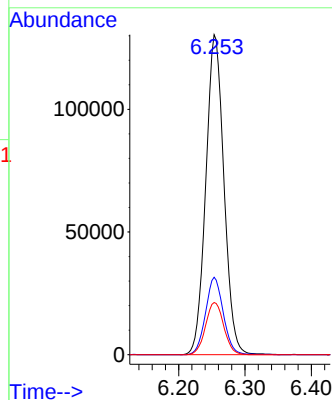
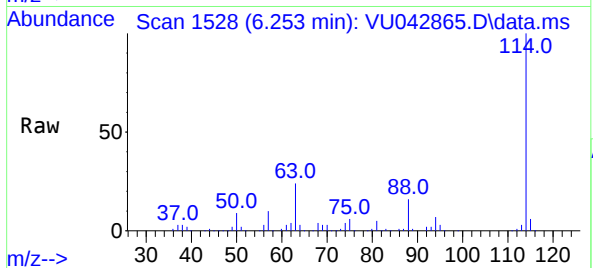




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.007 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

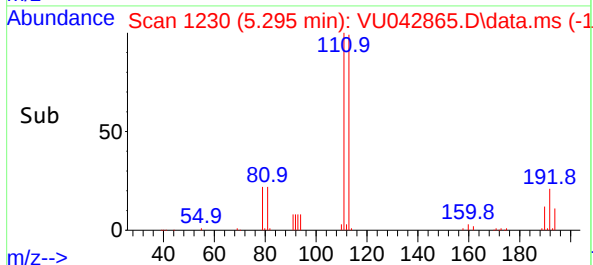
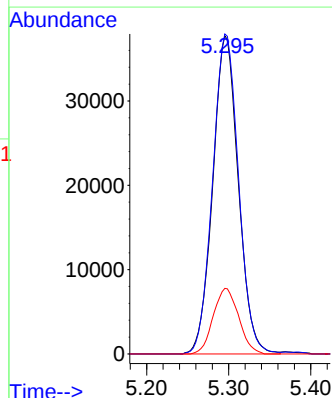
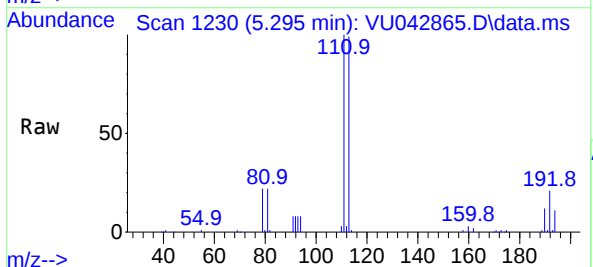
Instrument :
MSVOA_U
ClientSampled :
B7-0-2

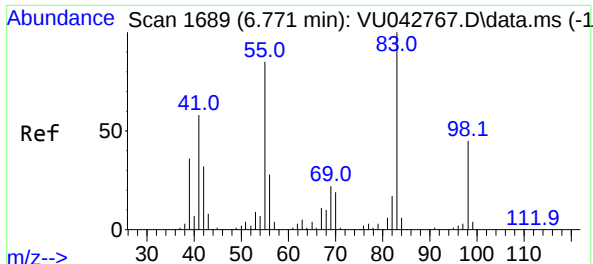
Tgt Ion:114 Resp: 247618
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 16.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.20 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion:113 Resp: 81688
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 20.6 17.6 26.4





#39

Methylcyclohexane

Concen: 8.24 ug/l

RT: 6.765 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VU042865.D

Acq: 31 Mar 2021 18:12

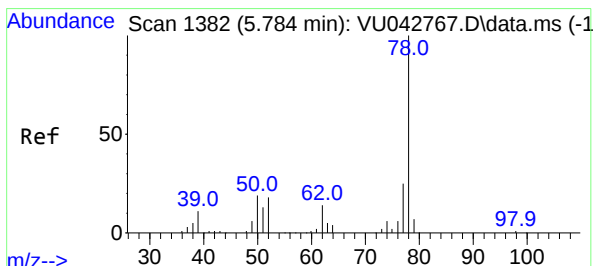
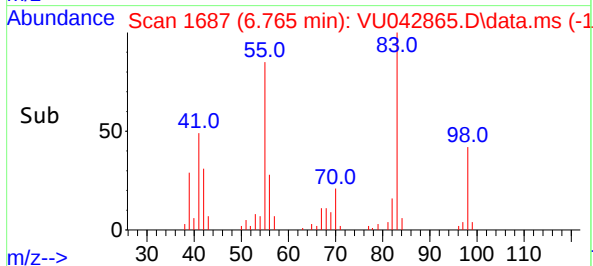
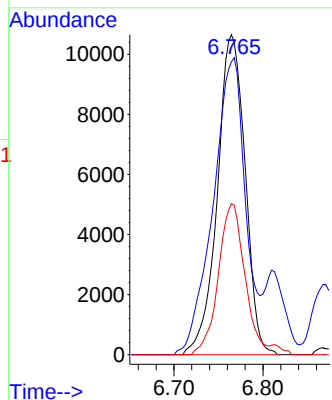
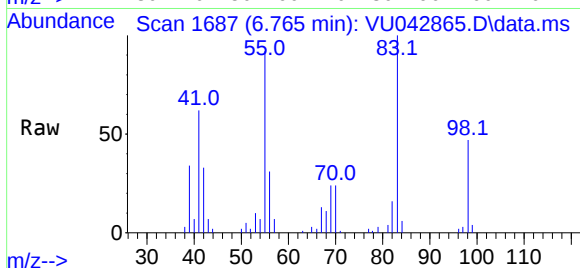
Tgt Ion: 83 Resp: 23127

Ion Ratio Lower Upper

83 100

55 89.9 68.2 102.4

98 47.2 36.3 54.5



#40

Benzene

Concen: 19.45 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VU042865.D

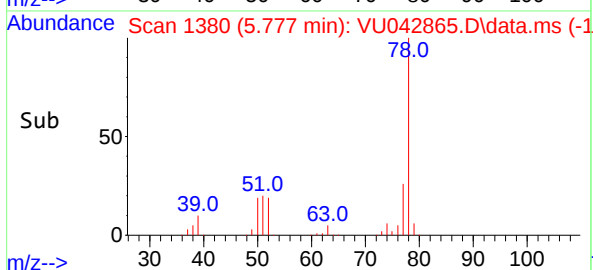
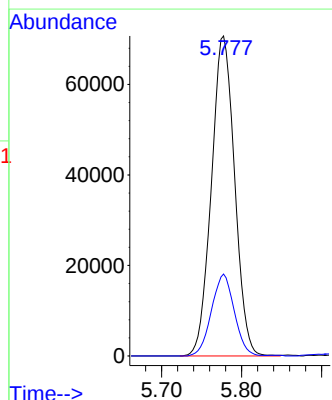
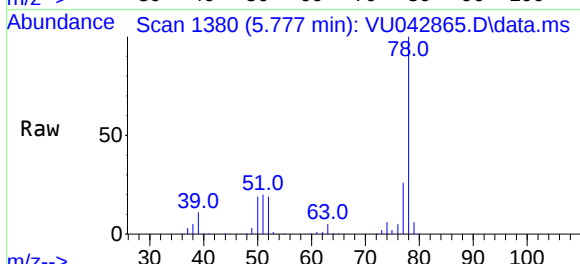
Acq: 31 Mar 2021 18:12

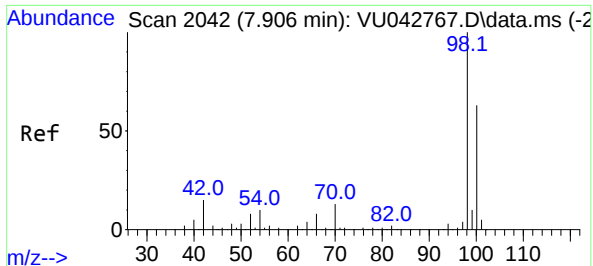
Tgt Ion: 78 Resp: 142542

Ion Ratio Lower Upper

78 100

77 25.6 19.9 29.9

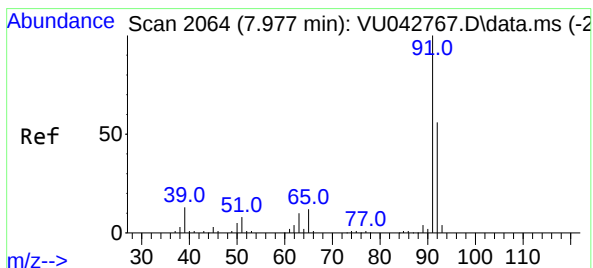
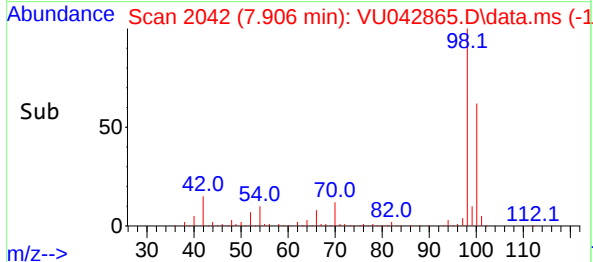
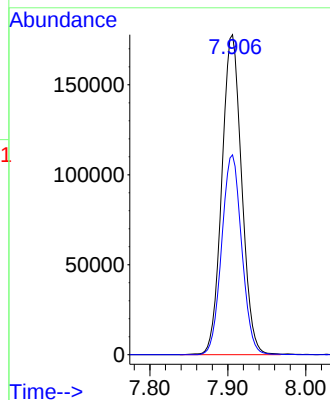
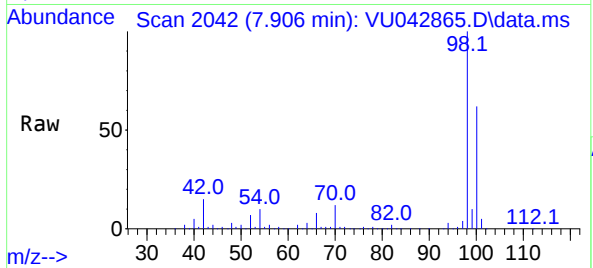




#50
Toluene-d8
Concen: 48.38 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

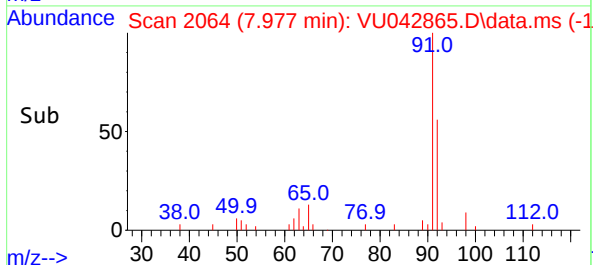
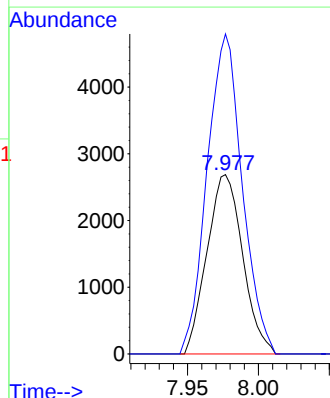
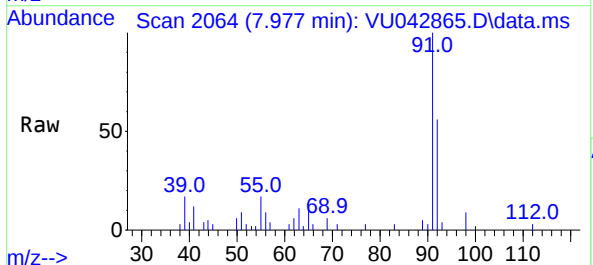
Instrument :
MSVOA_U
ClientSampled :
B7-0-2

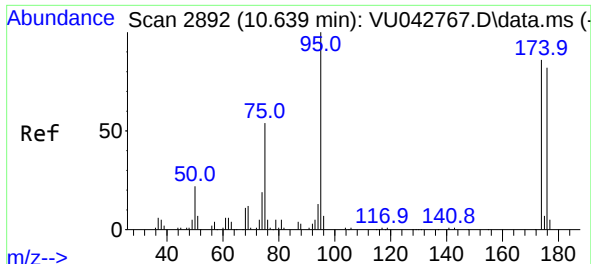
Tgt Ion: 98 Resp: 314565
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6



#52
Toluene
Concen: 1.05 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion: 92 Resp: 4711
Ion Ratio Lower Upper
92 100
91 175.4 140.6 210.8

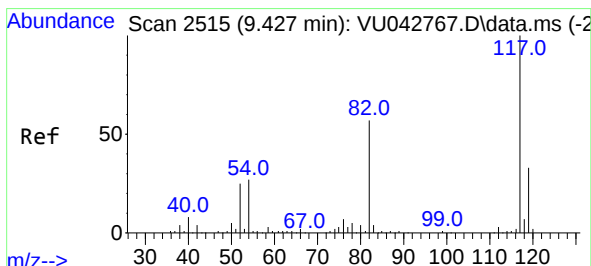
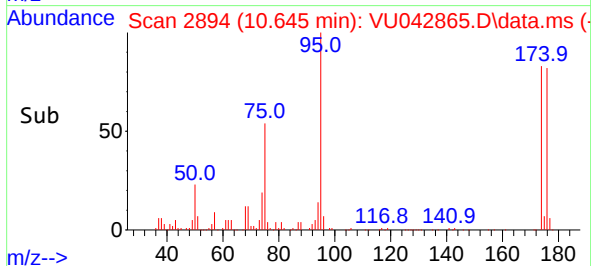
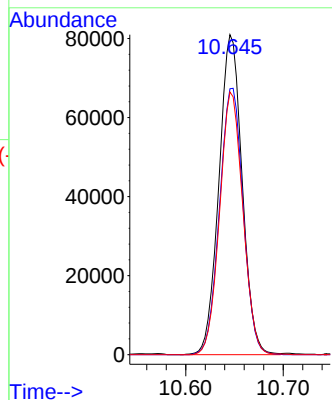
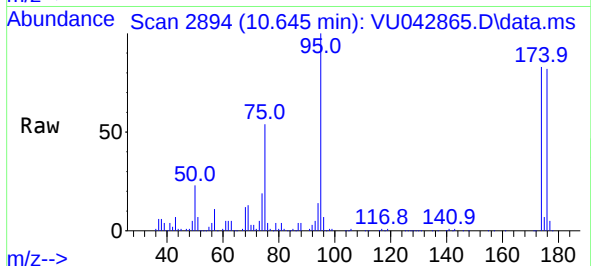




#62
4-Bromofluorobenzene
Concen: 53.00 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.007 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

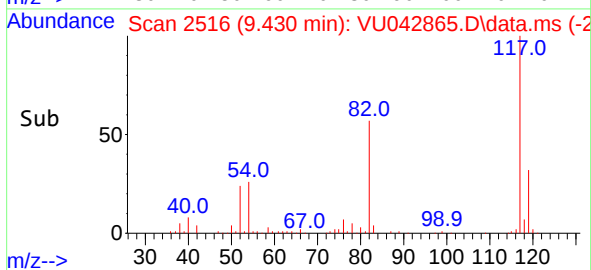
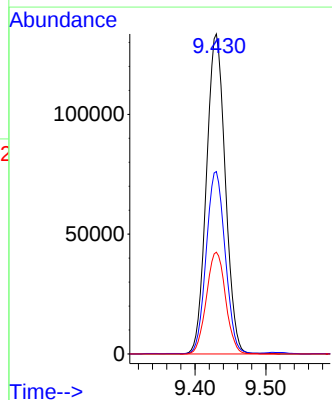
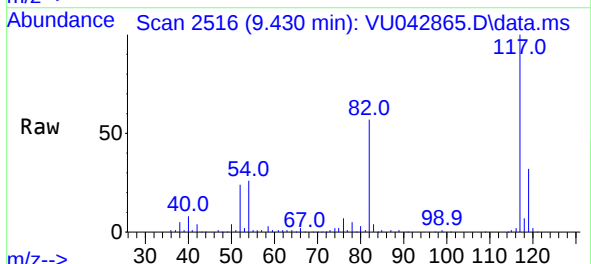
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MSVOA_U
ClientSampleId :
B7-0-2

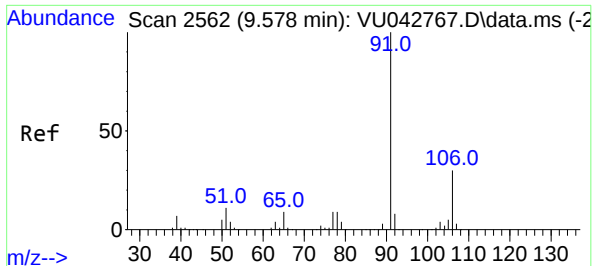
Tgt Ion: 95 Resp: 133902
Ion Ratio Lower Upper
95 100
174 84.7 0.0 175.2
176 82.1 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.430 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion: 117 Resp: 246715
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.8 26.2 39.4





#67

Ethyl Benzene

Concen: 40.13 ug/l

RT: 9.581 min Scan# 2563

Delta R.T. 0.003 min

Lab File: VU042865.D

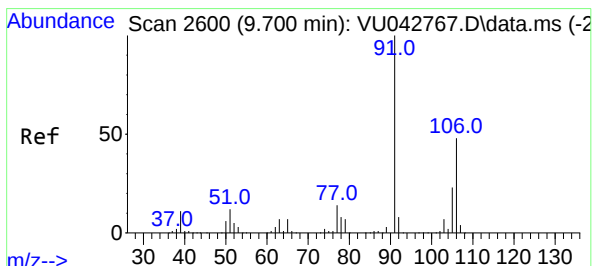
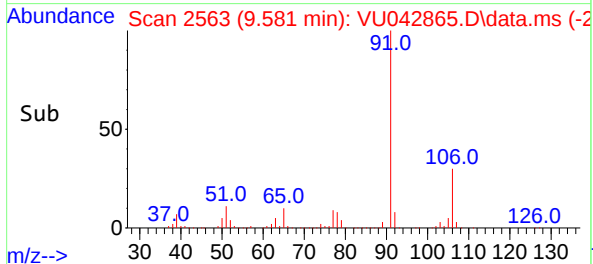
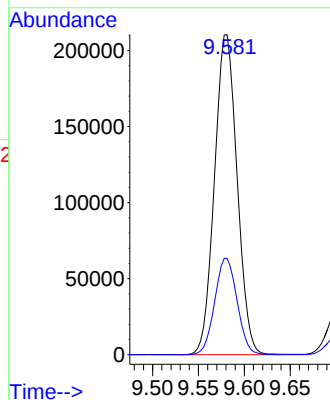
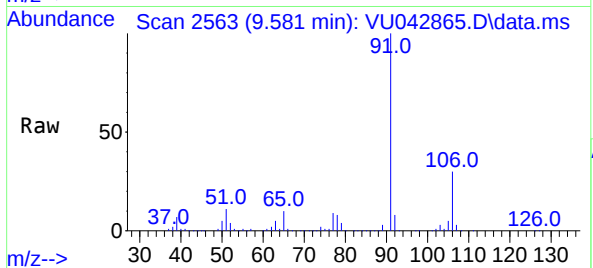
Acq: 31 Mar 2021 18:12

Tgt Ion: 91 Resp: 361059

Ion Ratio Lower Upper

91 100

106 30.1 24.1 36.1



#68

m/p-Xylenes

Concen: 7.79 ug/l

RT: 9.703 min Scan# 2601

Delta R.T. 0.003 min

Lab File: VU042865.D

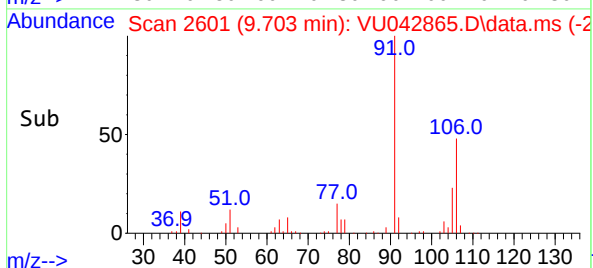
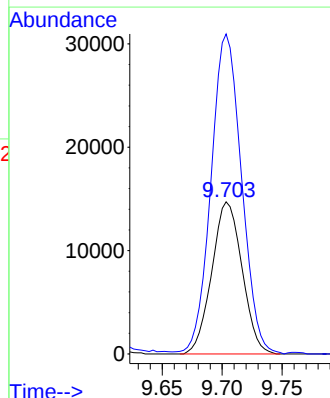
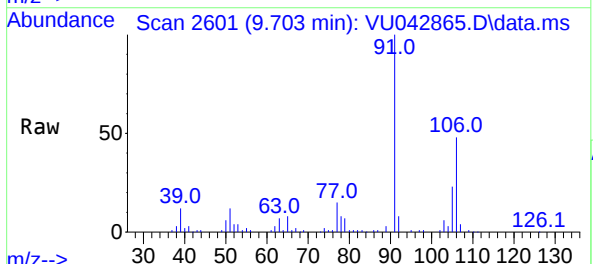
Acq: 31 Mar 2021 18:12

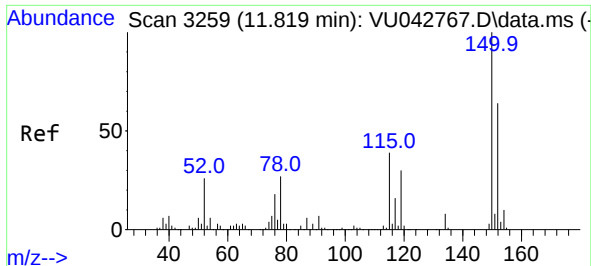
Tgt Ion: 106 Resp: 25818

Ion Ratio Lower Upper

106 100

91 212.2 168.3 252.5

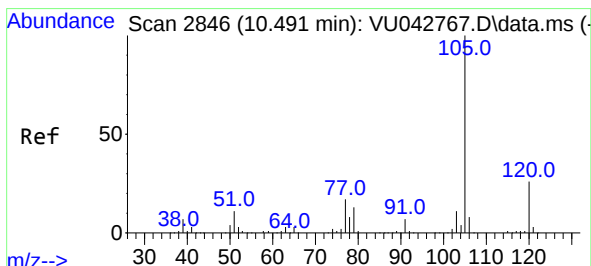
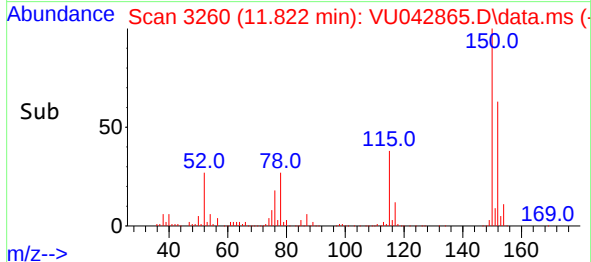
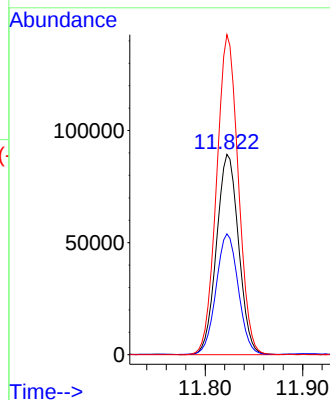
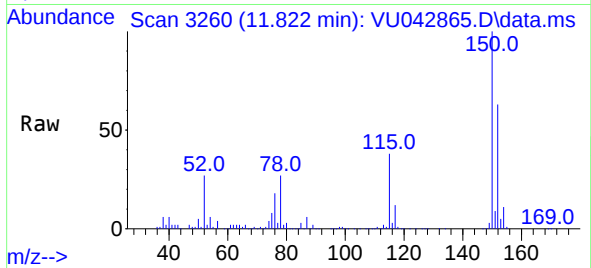




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

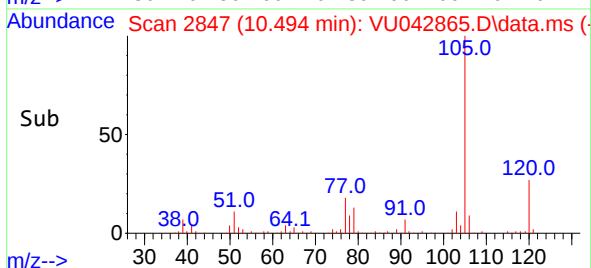
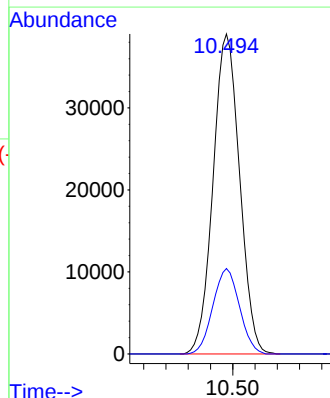
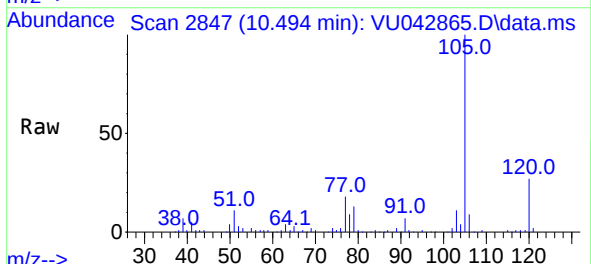
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MSVOA_U
ClientSampled :
B7-0-2

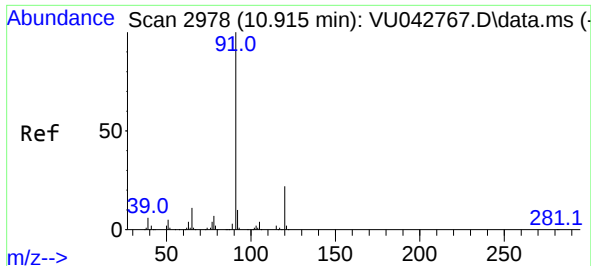
Tgt Ion:152 Resp: 141276
Ion Ratio Lower Upper
152 100
115 60.3 41.0 123.0
150 156.5 0.0 341.0



#73
Isopropylbenzene
Concen: 7.21 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion:105 Resp: 64484
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

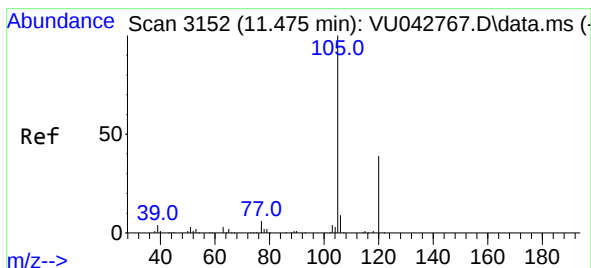
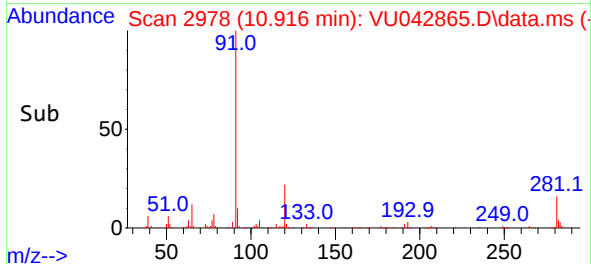
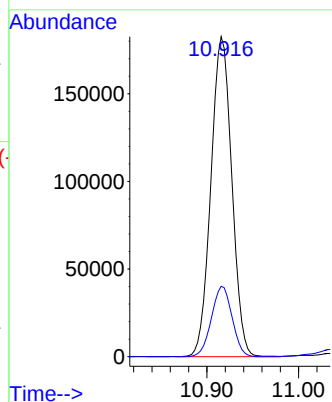
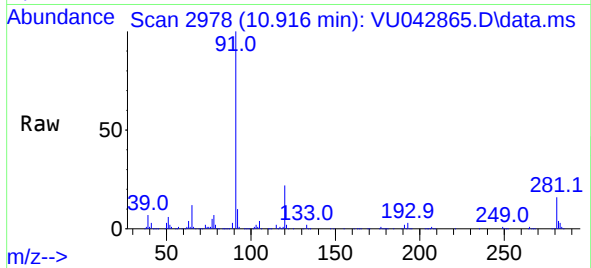




#78
n-propylbenzene
Concen: 27.50 ug/l
RT: 10.916 min Scan# 2978
Delta R.T. 0.000 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

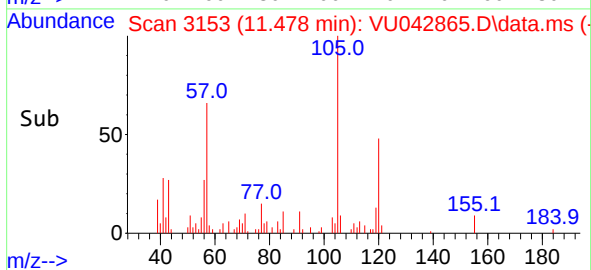
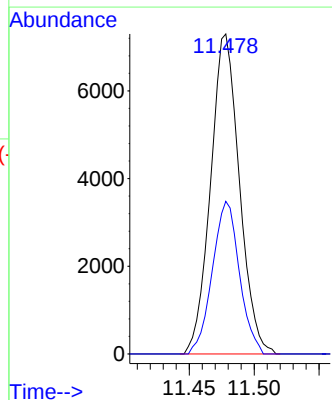
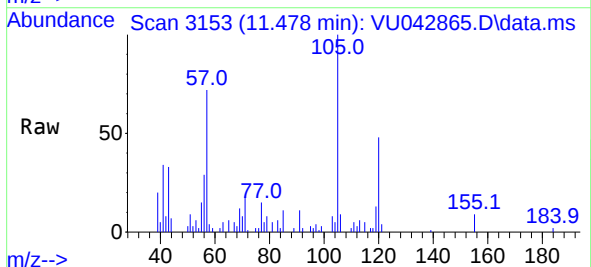
Instrument :
MSVOA_U
ClientSampled :
B7-0-2

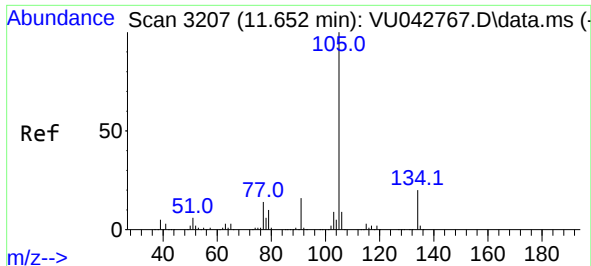
Tgt Ion: 91 Resp: 289396
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 1.44 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Tgt Ion: 105 Resp: 11251
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

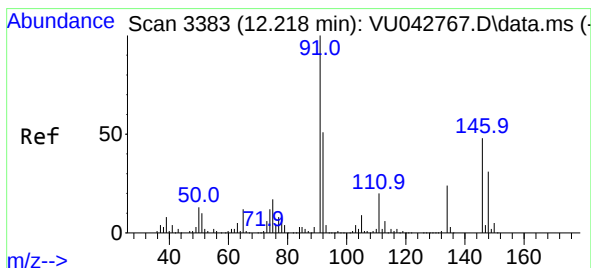
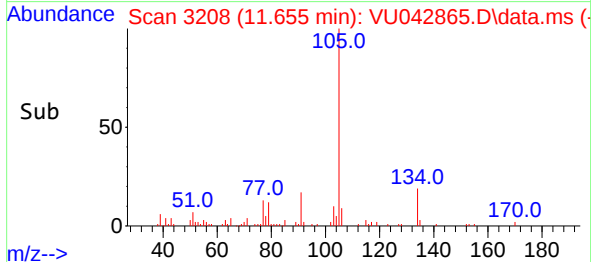
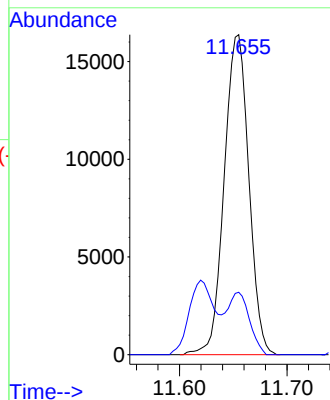
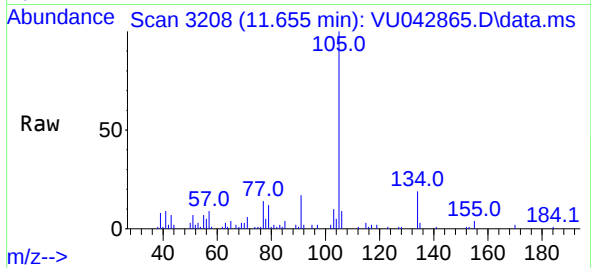




#85
 sec-Butylbenzene
 Concen: 2.97 ug/l
 RT: 11.655 min Scan# 3208
 Delta R.T. 0.003 min
 Lab File: VU042865.D
 Acq: 31 Mar 2021 18:12

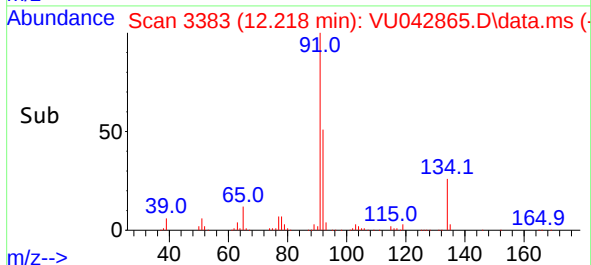
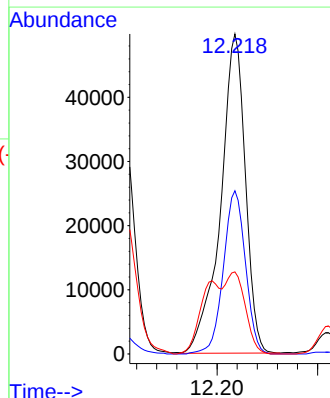
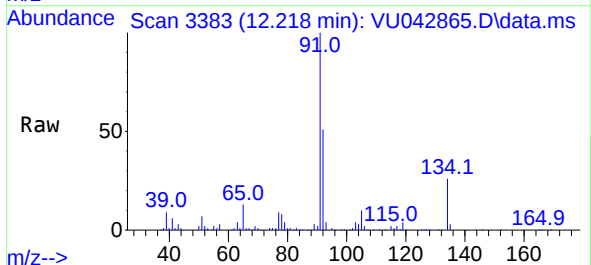
Instrument :
 MSVOA_U
 ClientSampled :
 B7-0-2

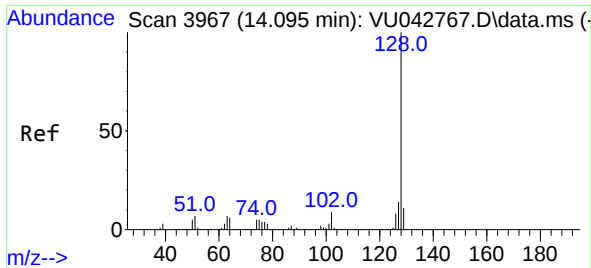
Tgt Ion:105 Resp: 26063
 Ion Ratio Lower Upper
 105 100
 134 16.0 9.8 29.5



#89
 n-Butylbenzene
 Concen: 11.21 ug/l
 RT: 12.218 min Scan# 3383
 Delta R.T. 0.000 min
 Lab File: VU042865.D
 Acq: 31 Mar 2021 18:12

Tgt Ion: 91 Resp: 85039
 Ion Ratio Lower Upper
 91 100
 92 45.6 25.7 77.1
 134 0.0 12.1 36.3#





#95
Naphthalene
Concen: 56.89 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042865.D
Acq: 31 Mar 2021 18:12

Instrument :
MSVOA_U
ClientSampleId :
B7-0-2

Tgt Ion:	128	Resp:	548519
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.9	16.3
129	11.4	8.7	13.1

