

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042859.D
 Acq On : 31 Mar 2021 15:54
 Operator : SY/MD
 Sample : M1836-03ME
 Misc : 8.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B2-0-2ME

Quant Time: Apr 01 05:37:27 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)

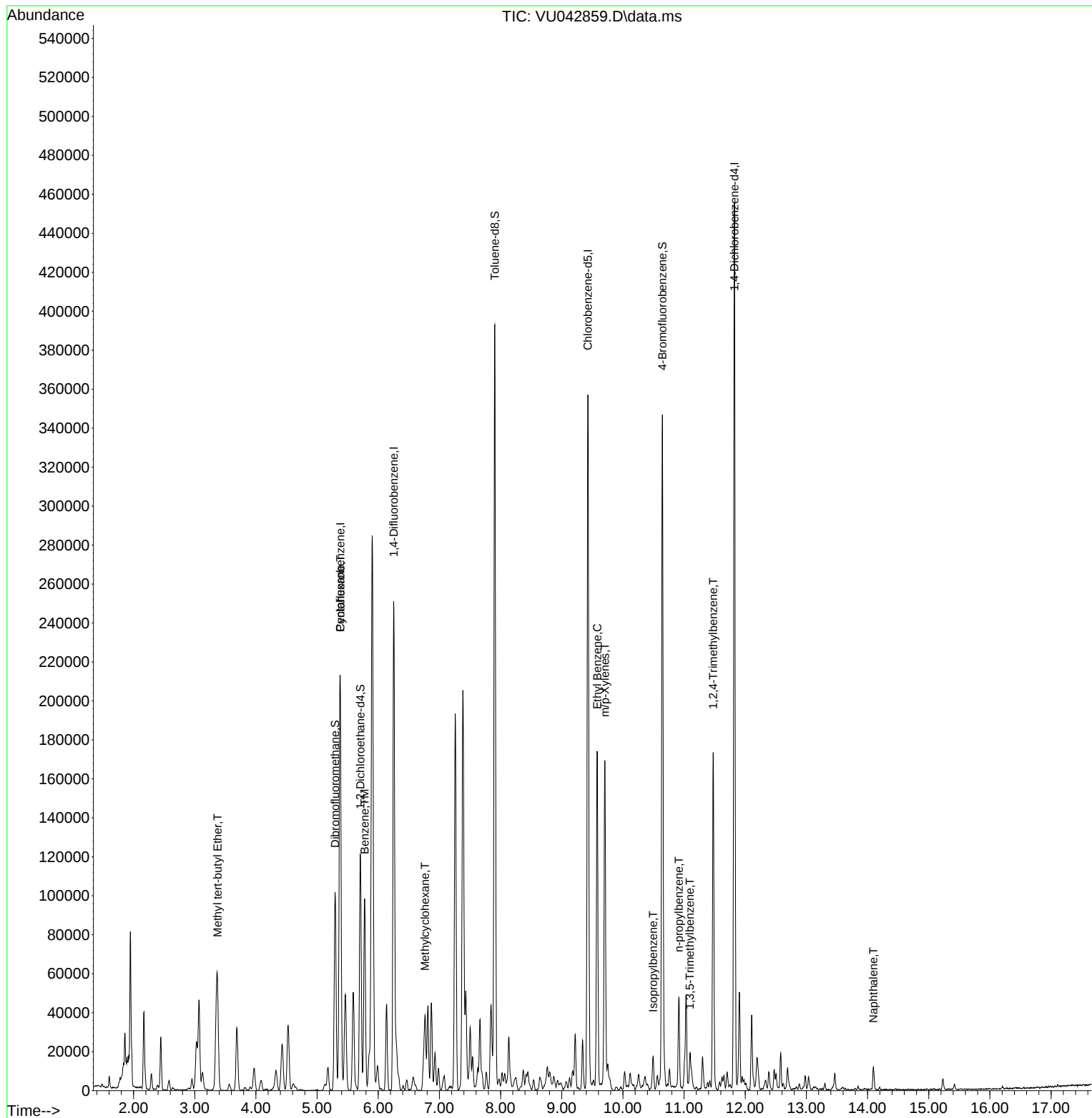
Internal Standards						
1) Pentafluorobenzene	5.378	168	119072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	191297	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	195170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	110881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	93085	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.295	113	62931	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
50) Toluene-d8	7.906	98	246352	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	10.645	95	102139	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.372	73	47369	11.56	ug/l #	75
31) Cyclohexane	5.378	56	16654	7.05	ug/l #	84
39) Methylcyclohexane	6.764	83	14304	6.60	ug/l	99
40) Benzene	5.777	78	84353	14.90	ug/l	99
67) Ethyl Benzene	9.581	91	115816	16.27	ug/l	99
68) m/p-Xylenes	9.706	106	46131	17.59	ug/l	100
73) Isopropylbenzene	10.494	105	10321	1.47	ug/l	96
78) n-propylbenzene	10.915	91	33900	4.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	9448	1.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.478	105	89669	14.58	ug/l	99
95) Naphthalene	14.095	128	9371	3.76	ug/l	98

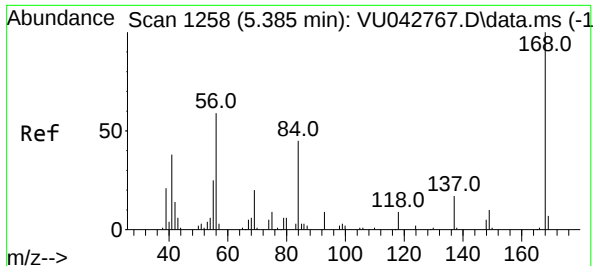
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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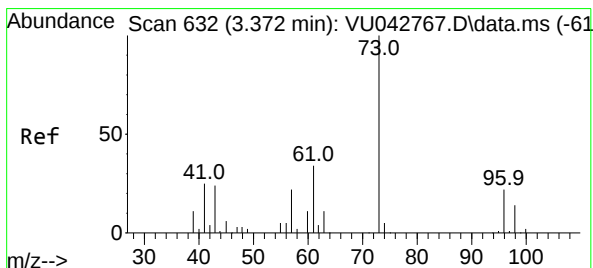
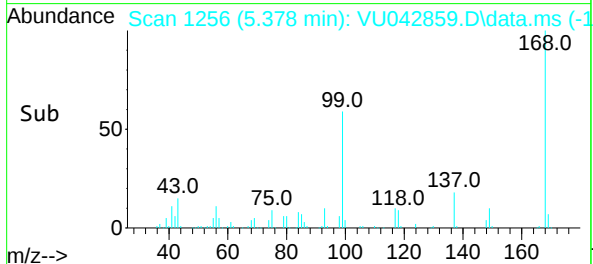
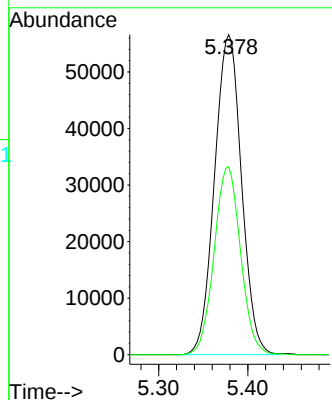
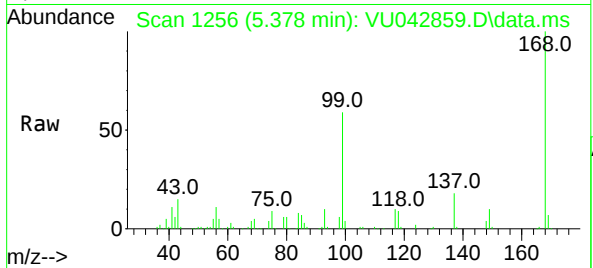




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

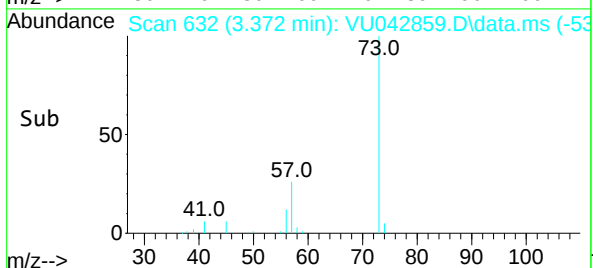
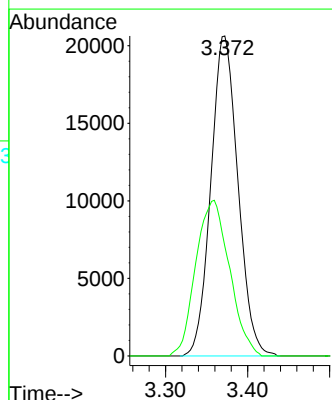
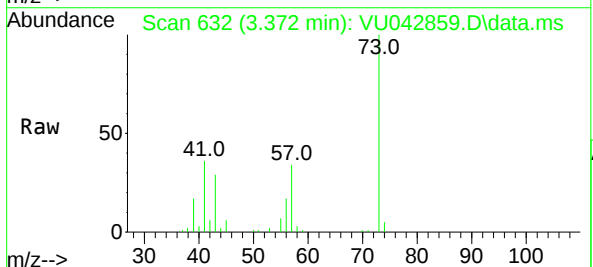
Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME

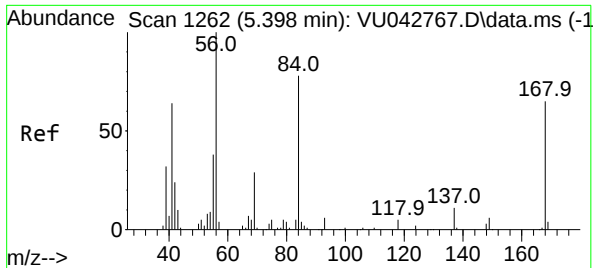
Tgt Ion:168 Resp: 119072
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6



#19
Methyl tert-butyl Ether
Concen: 11.56 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

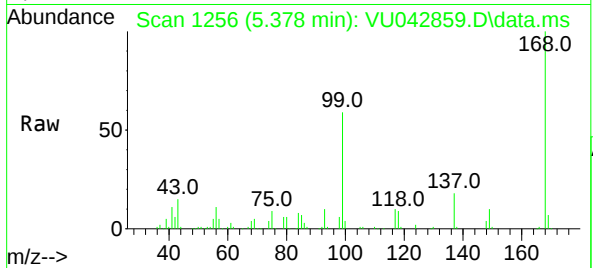
Tgt Ion: 73 Resp: 47369
Ion Ratio Lower Upper
73 100
57 34.2 17.8 26.6#



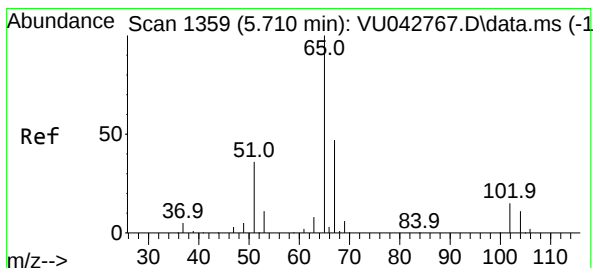
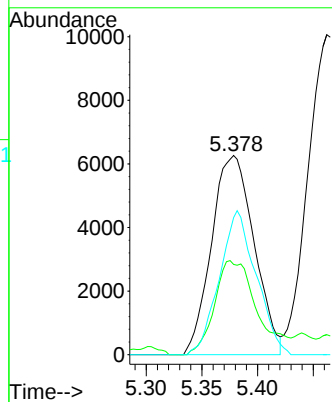
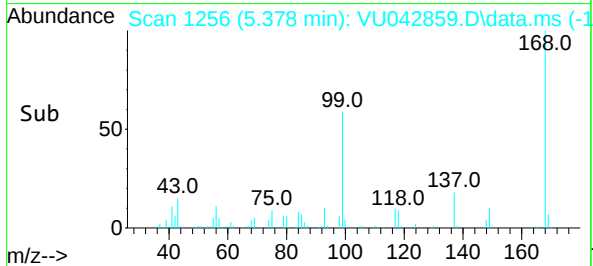


#31
Cyclohexane
Concen: 7.05 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

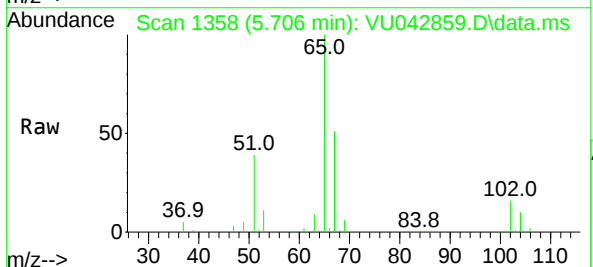
Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME



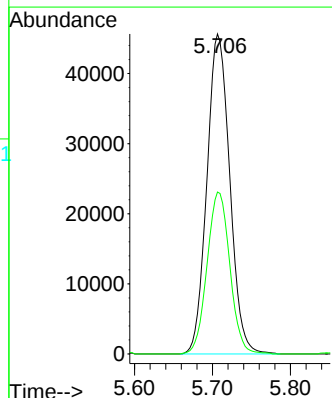
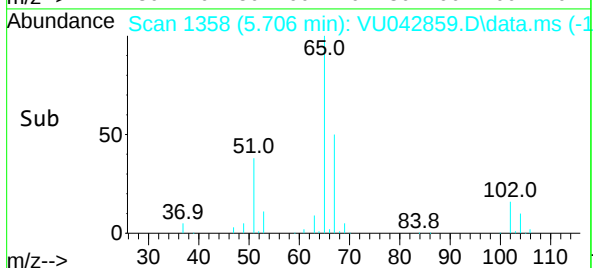
Tgt Ion: 56 Resp: 16654
Ion Ratio Lower Upper
56 100
69 45.3 23.3 34.9#
84 68.8 62.2 93.4

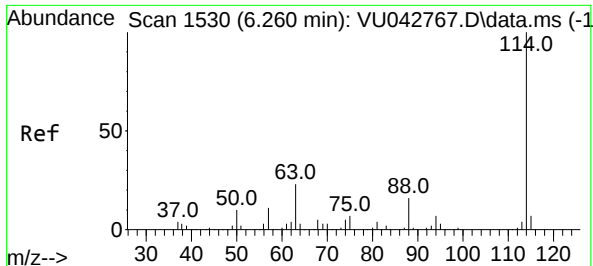


#33
1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.003 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54



Tgt Ion: 65 Resp: 93085
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.253 min Scan# 1528

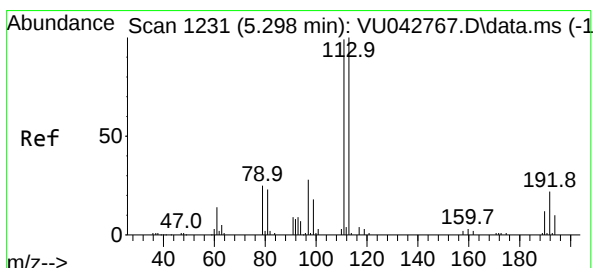
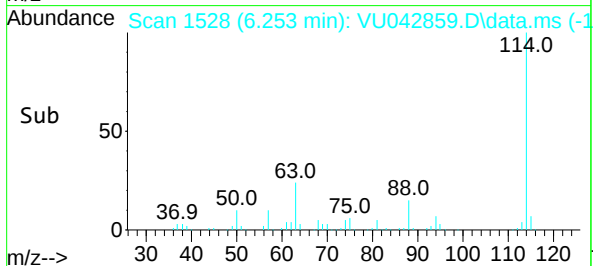
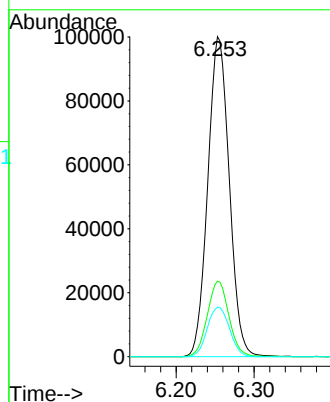
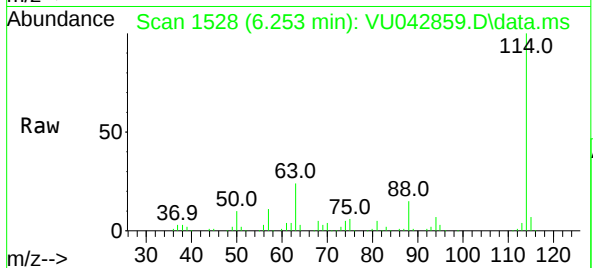
Delta R.T. -0.007 min

Lab File: VU042859.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	114	Resp:	191297
Ion Ratio	Lower	Upper	
114	100		
63	23.6	0.0	46.8
88	15.5	0.0	32.2

Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME



#35

Dibromofluoromethane

Concen: 44.08 ug/l

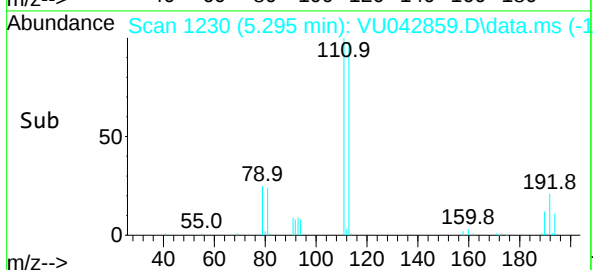
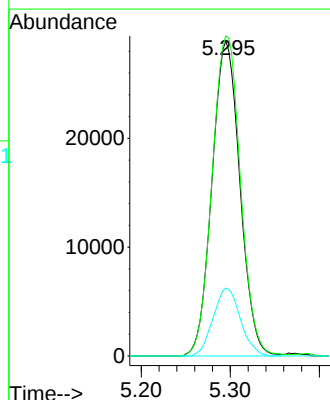
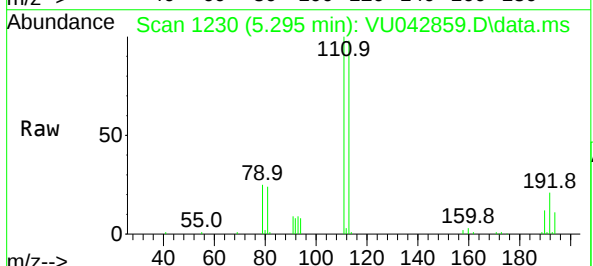
RT: 5.295 min Scan# 1230

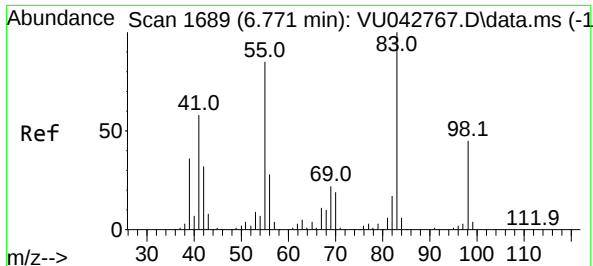
Delta R.T. -0.003 min

Lab File: VU042859.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	113	Resp:	62931
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.1	123.1
192	21.0	17.6	26.4





#39

Methylcyclohexane

Concen: 6.60 ug/l

RT: 6.764 min Scan# 1687

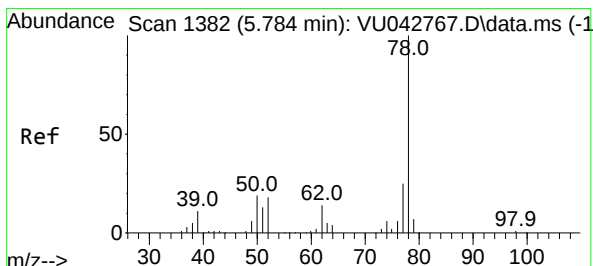
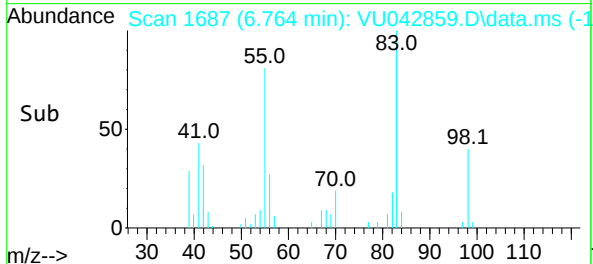
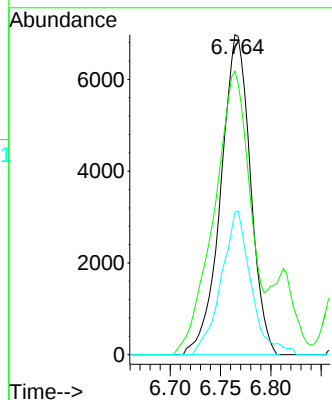
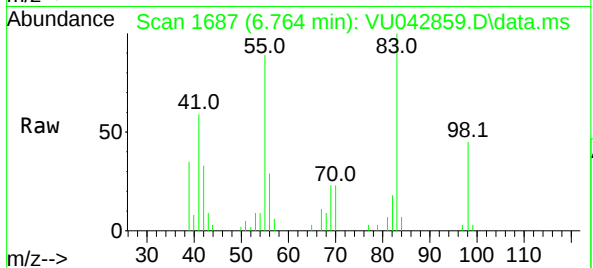
Delta R.T. -0.007 min

Lab File: VU042859.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	83	Resp:	14304
Ion	Ratio	Lower	Upper
83	100		
55	85.8	68.2	102.4
98	44.6	36.3	54.5

Instrument :
MSVOA_U
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B2-0-2ME



#40

Benzene

Concen: 14.90 ug/l

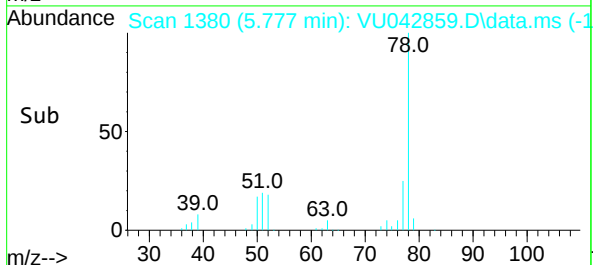
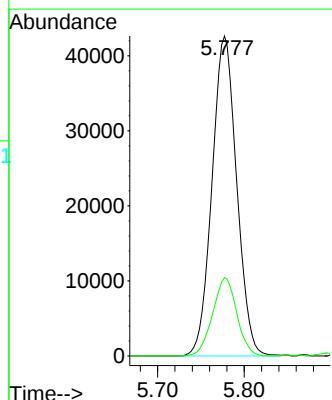
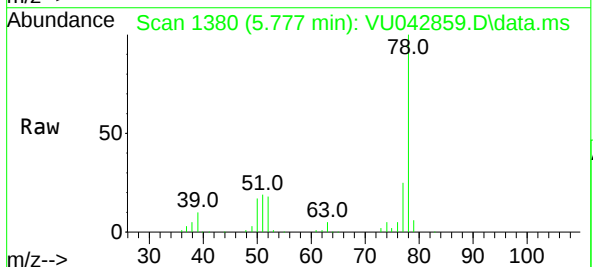
RT: 5.777 min Scan# 1380

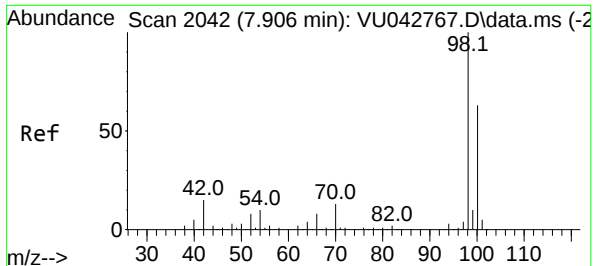
Delta R.T. -0.007 min

Lab File: VU042859.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	78	Resp:	84353
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.9	29.9

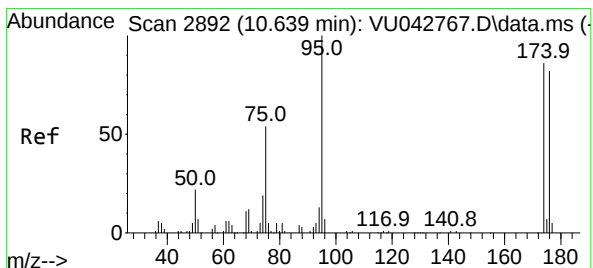
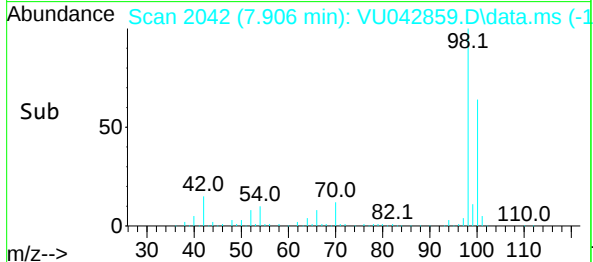
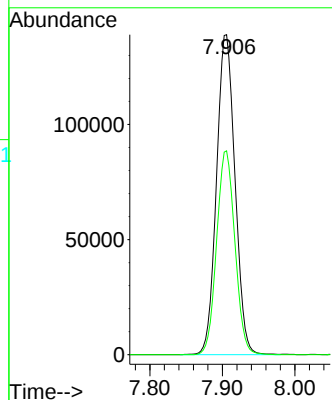
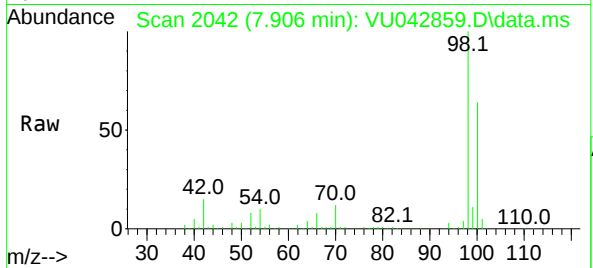




#50
Toluene-d8
Concen: 49.05 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

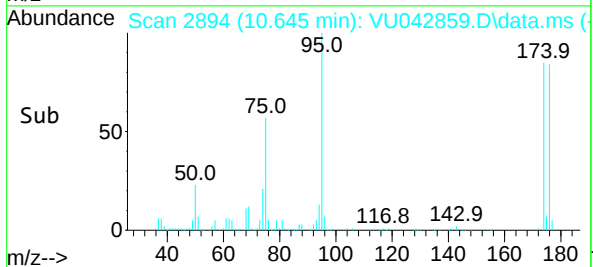
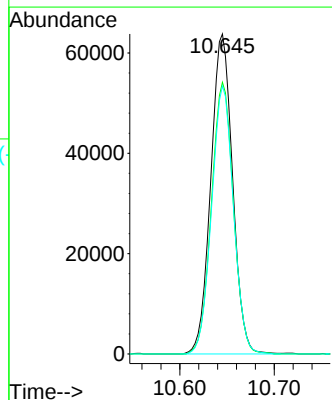
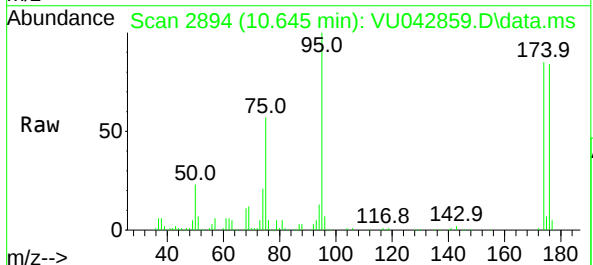
Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME

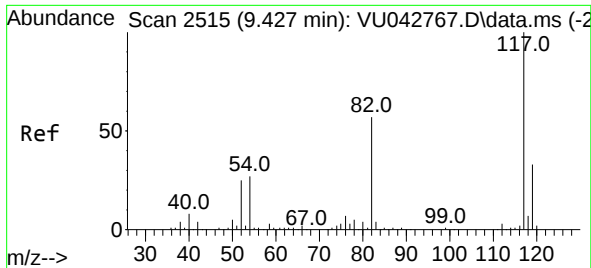
Tgt Ion: 98 Resp: 246352
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.33 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.006 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 95 Resp: 102139
Ion Ratio Lower Upper
95 100
174 85.5 0.0 175.2
176 83.7 0.0 167.4

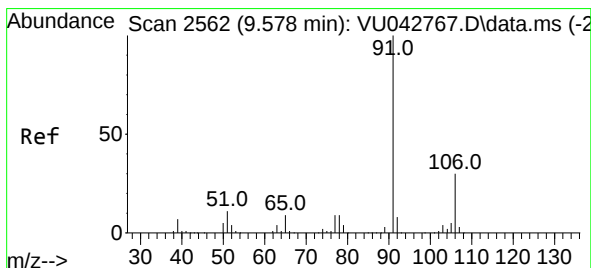
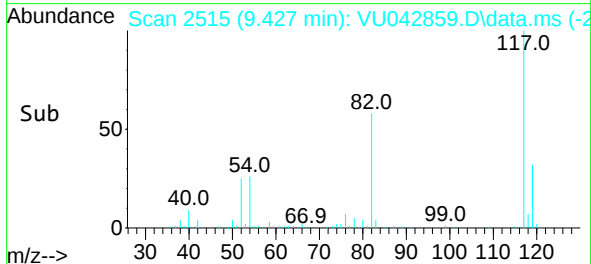
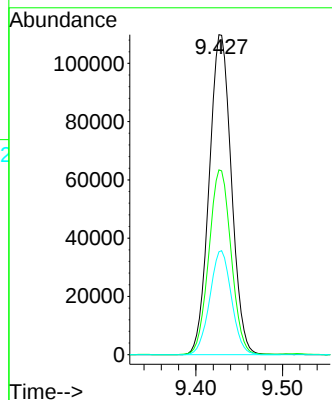
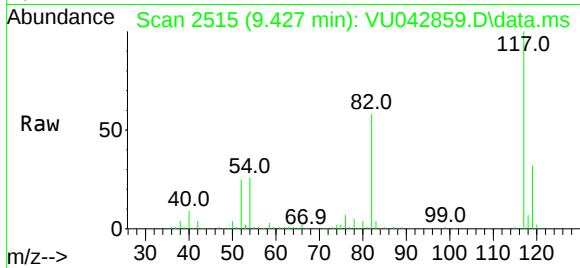




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

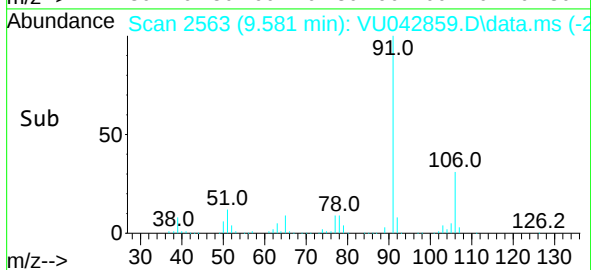
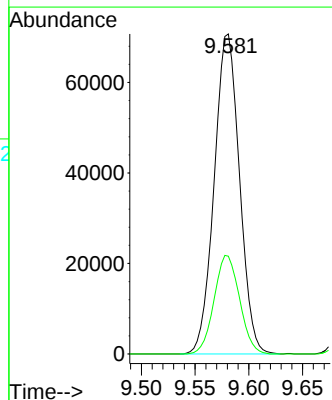
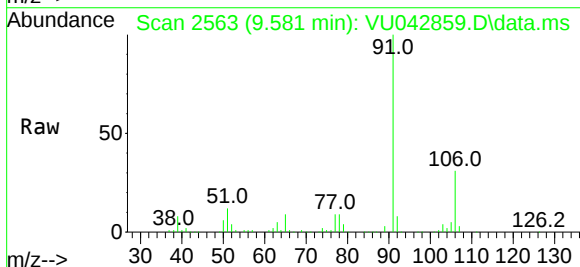
Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME

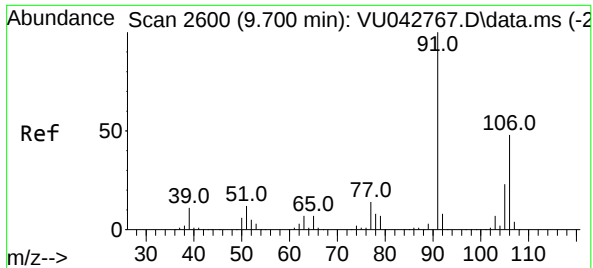
Tgt Ion:117 Resp: 195170
Ion Ratio Lower Upper
117 100
82 57.7 45.5 68.3
119 32.2 26.2 39.4



#67
Ethyl Benzene
Concen: 16.27 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 91 Resp: 115816
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1

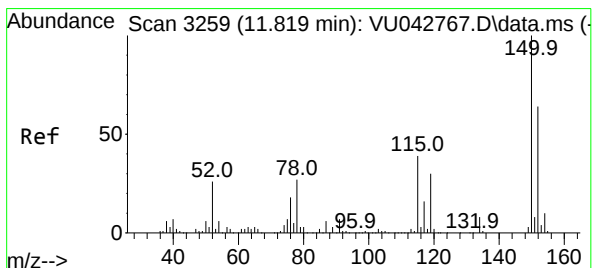
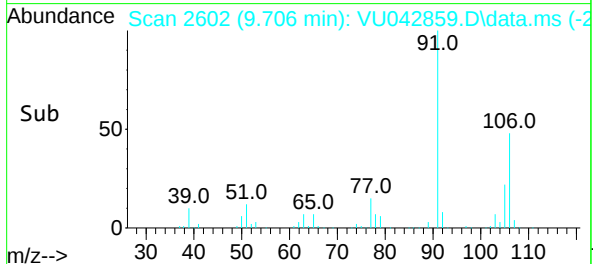
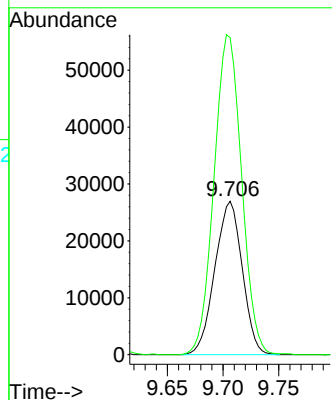
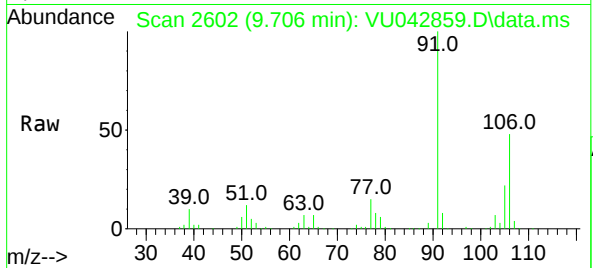




#68
m/p-Xylenes
Concen: 17.59 ug/l
RT: 9.706 min Scan# 2602
Delta R.T. 0.006 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

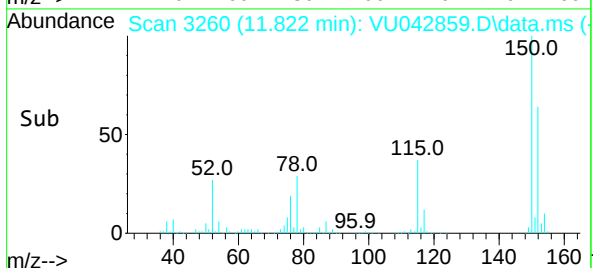
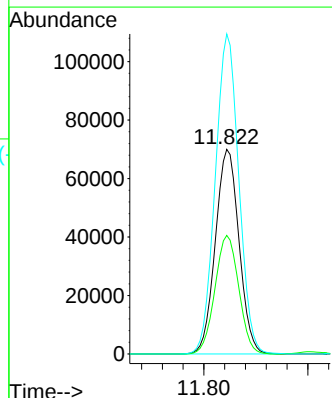
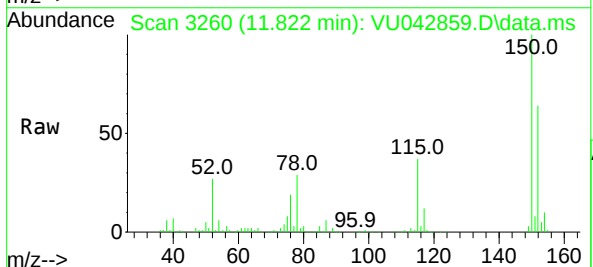
Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME

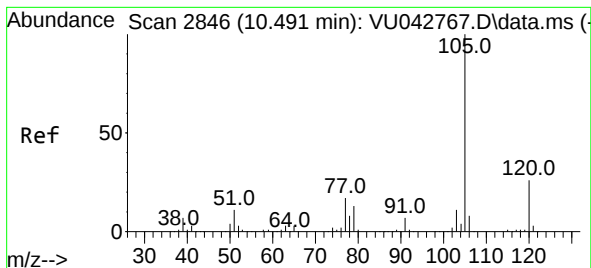
Tgt Ion:106 Resp: 46131
Ion Ratio Lower Upper
106 100
91 210.2 168.3 252.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

Tgt Ion:152 Resp: 110881
Ion Ratio Lower Upper
152 100
115 58.1 41.0 123.0
150 155.3 0.0 341.0

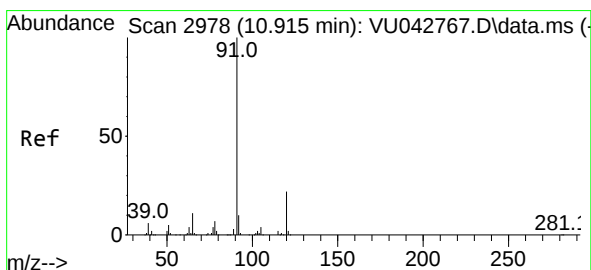
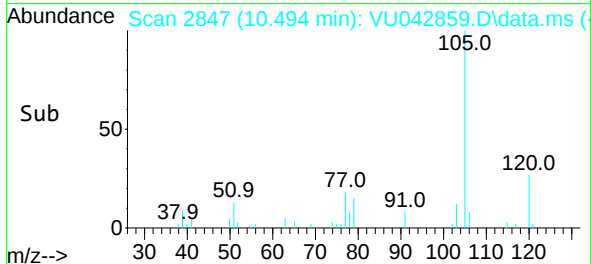
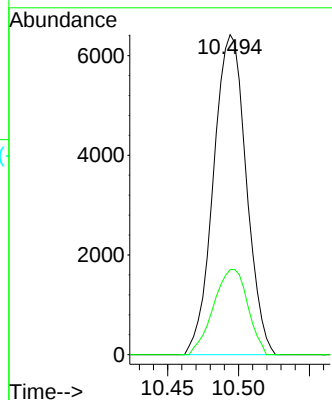
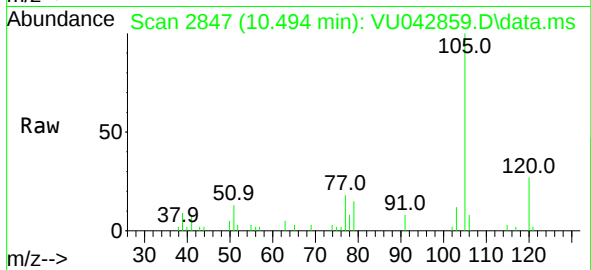




#73
Isopropylbenzene
Concen: 1.47 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

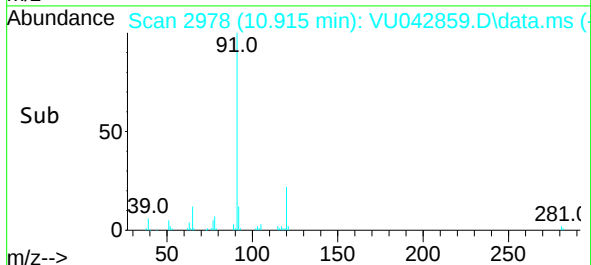
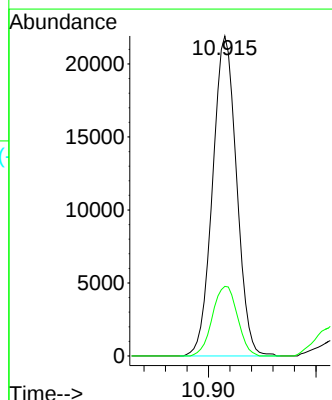
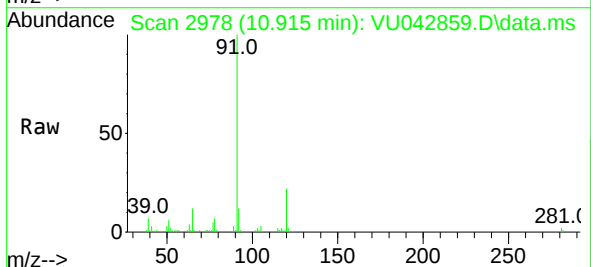
Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME

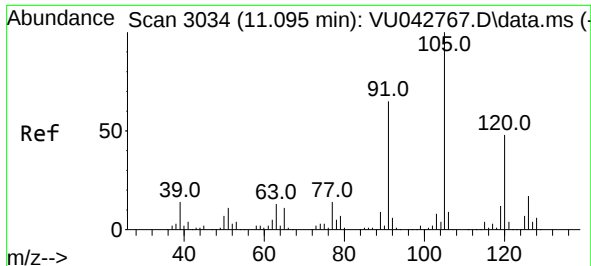
Tgt Ion:105 Resp: 10321
Ion Ratio Lower Upper
105 100
120 27.8 12.9 38.6



#78
n-propylbenzene
Concen: 4.10 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 91 Resp: 33900
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1

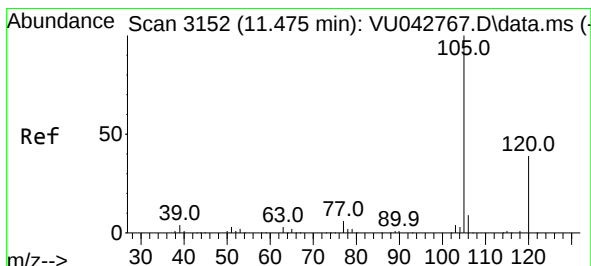
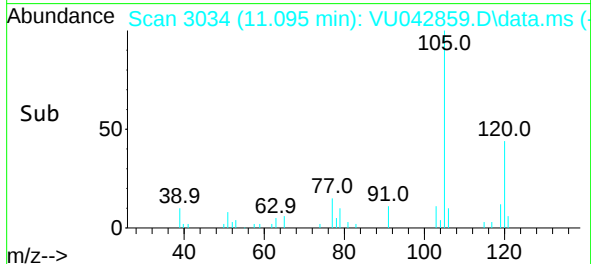
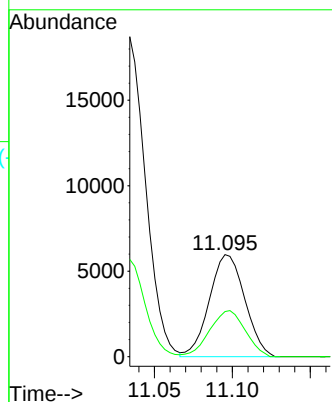
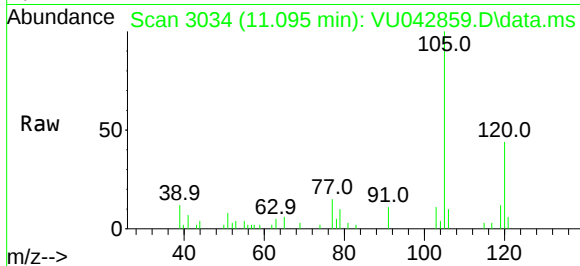




#80
 1,3,5-Trimethylbenzene
 Concen: 1.55 ug/l
 RT: 11.095 min Scan# 3034
 Delta R.T. -0.000 min
 Lab File: VU042859.D
 Acq: 31 Mar 2021 15:54

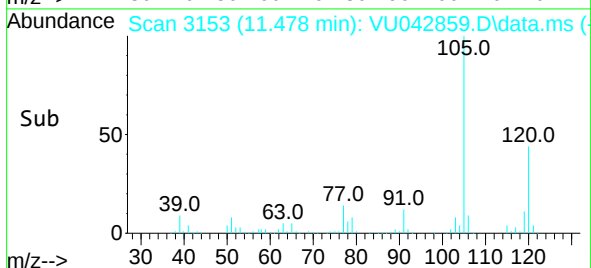
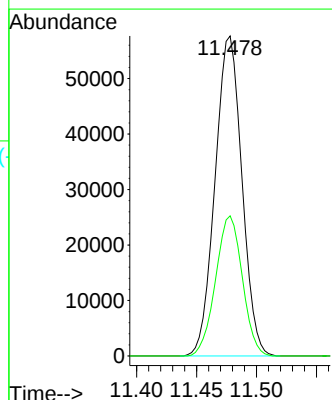
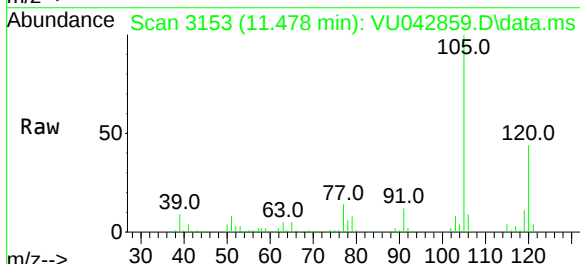
Instrument :
 MSVOA_U
 ClientSampleId :
 B2-0-2ME

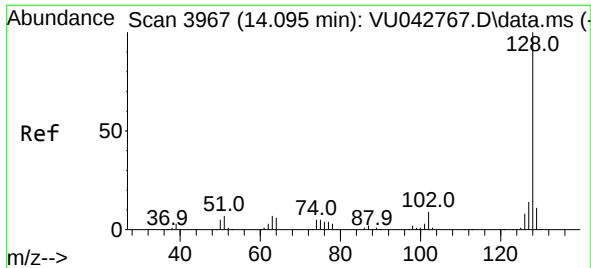
Tgt Ion:105 Resp: 9448
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.4 70.2



#84
 1,2,4-Trimethylbenzene
 Concen: 14.58 ug/l
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VU042859.D
 Acq: 31 Mar 2021 15:54

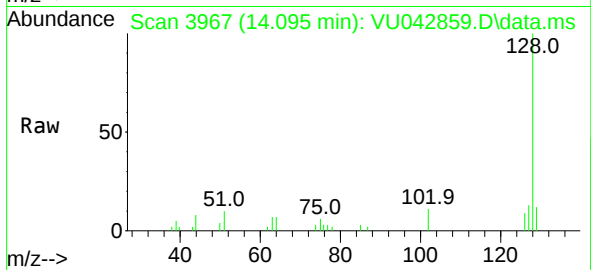
Tgt Ion:105 Resp: 89669
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.3 66.8





#95
Naphthalene
Concen: 3.76 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042859.D
Acq: 31 Mar 2021 15:54

Instrument :
MSVOA_U
ClientSampleId :
B2-0-2ME



Tgt Ion:	128	Resp:	9371
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	9.6	8.7	13.1

