

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043089.D
 Acq On : 14 Apr 2021 13:13
 Operator : SY/MD
 Sample : M1983-03ME
 Misc : 2.23g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41019ME

Manual Integrations
 APPROVED

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 4/15/2021 5:36:51 PM

Quant Time: Apr 15 02:03:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	201848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	324484	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.436	117	302654	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	11.828	152	154243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	157689	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	5.314	113	104518	42.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.74%	
50) Toluene-d8	7.909	98	409925	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	10.655	95	152270	44.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						Qvalue
16) Acetone	2.671	43	1130874	566.68	ug/l	98
25) 2-Butanone	4.758	43	49008m	15.90	ug/l	
39) Methylcyclohexane	6.761	83	25094	6.63	ug/l	97
51) 4-Methyl-2-Pentanone	7.877	43	119601m	19.26	ug/l	
52) Toluene	7.980	92	3583241	587.62	ug/l	100
59) 2-Hexanone	8.754	43	7552	1.48	ug/l	99
68) m/p-Xylenes	9.709	106	5658	1.31	ug/l	92
84) 1,2,4-Trimethylbenzene	11.481	105	18165	1.93	ug/l	87
86) p-Isopropyltoluene	11.806	119	106568	10.99	ug/l	98
95) Naphthalene	14.095	128	9455	3.54	ug/l #	83

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

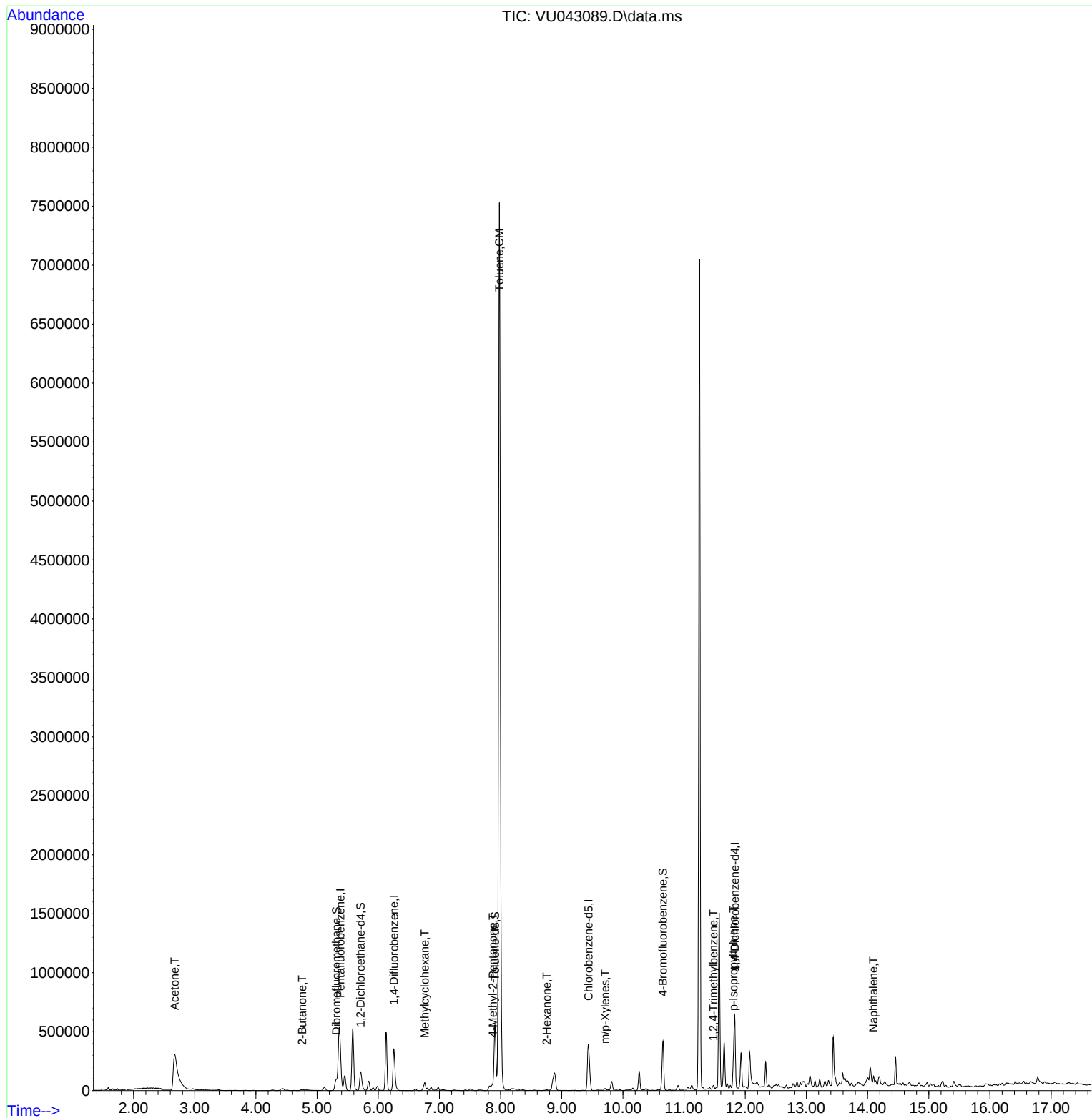
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Data File : VU043089.D
Acq On : 14 Apr 2021 13:13
Operator : SY/MD
Sample : M1983-03ME
Misc : 2.23g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

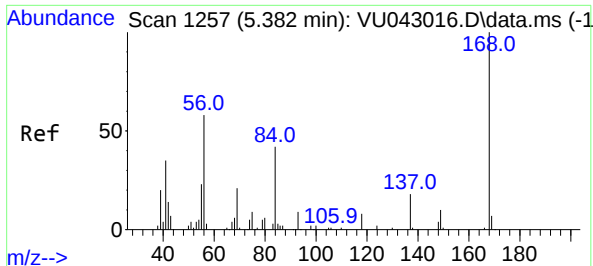
Instrument :
MSVOA_U
ClientSampleId :
41019ME

Manual Integrations
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Quant Time: Apr 15 02:03:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration





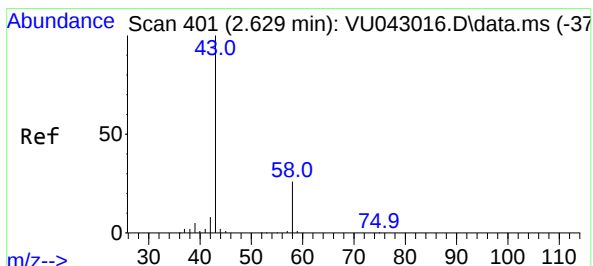
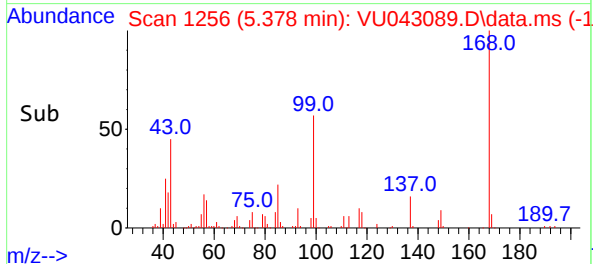
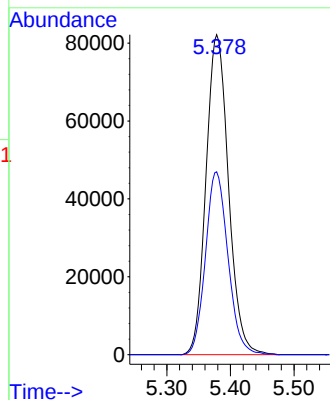
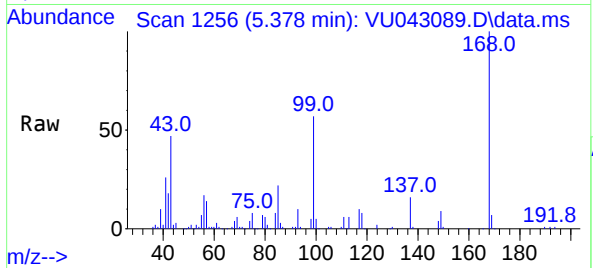
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.004 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 168 Resp: 201848
Ion Ratio Lower Upper
168 100
99 57.1 45.0 67.4

Instrument :
MSVOA_U
ClientSampled :
41019ME

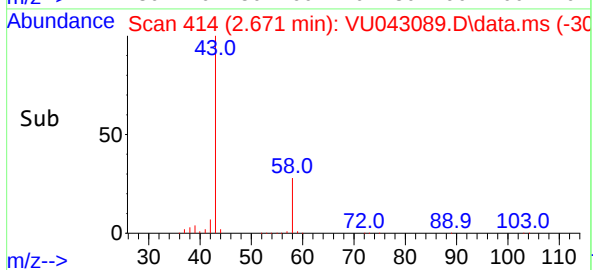
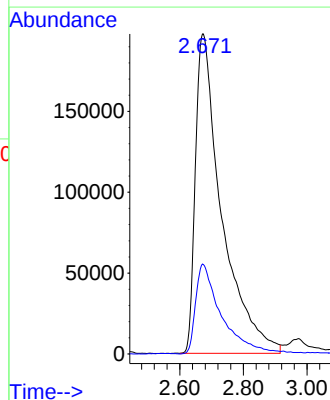
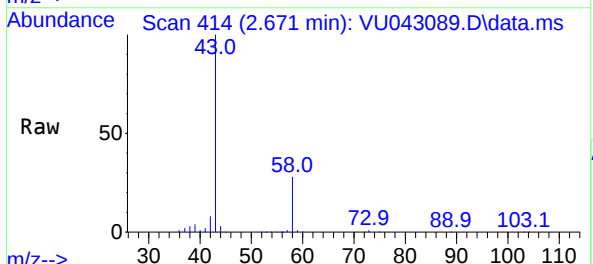
Manual Integrations
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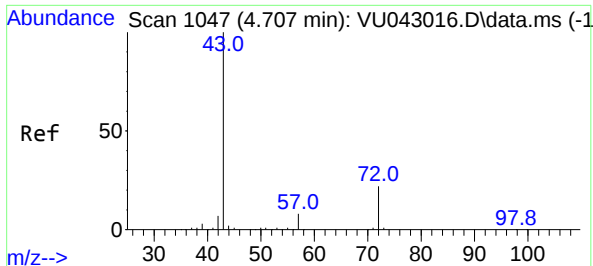
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#16
Acetone
Concen: 566.68 ug/l
RT: 2.671 min Scan# 414
Delta R.T. 0.042 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 43 Resp: 1130874
Ion Ratio Lower Upper
43 100
58 28.2 21.5 32.3





#25

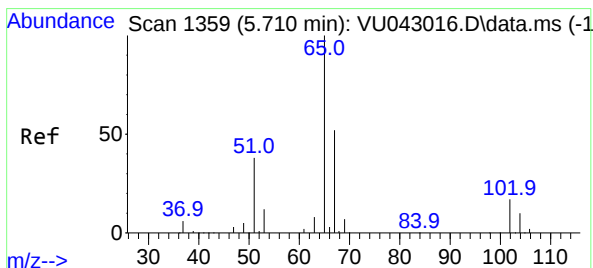
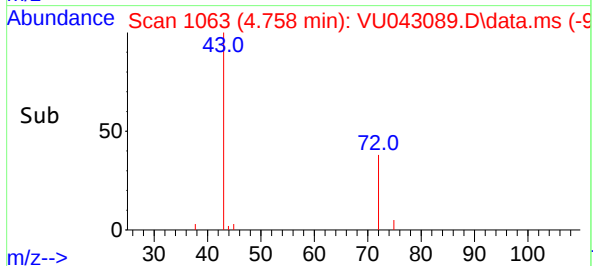
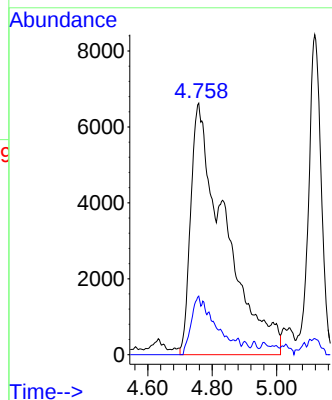
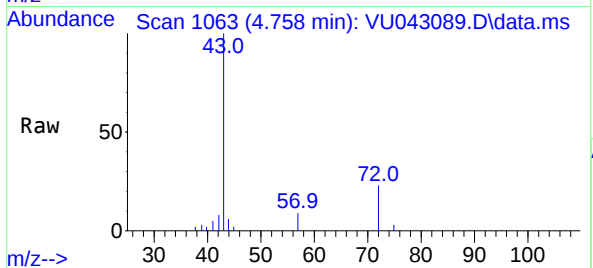
2-Butanone
Concen: 15.90 ug/l m
RT: 4.758 min Scan# 1063
Delta R.T. 0.051 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 43 Resp: 49008
Ion Ratio Lower Upper
43 100
72 23.3 17.4 26.0

Instrument :
MSVOA_U
ClientSampleId :
41019ME

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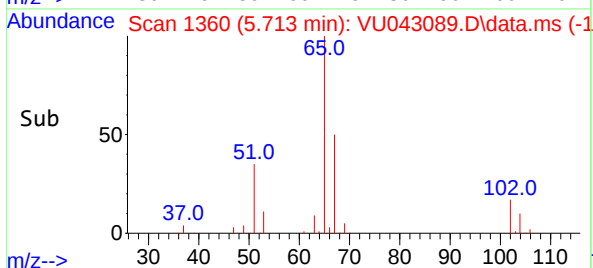
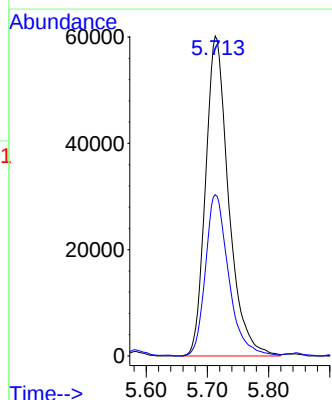
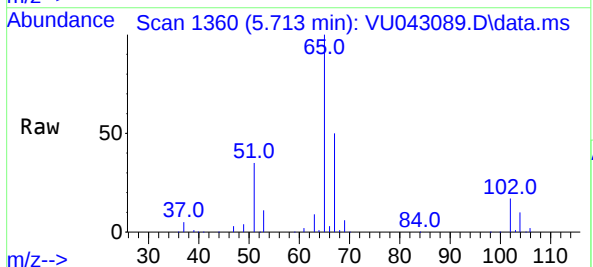
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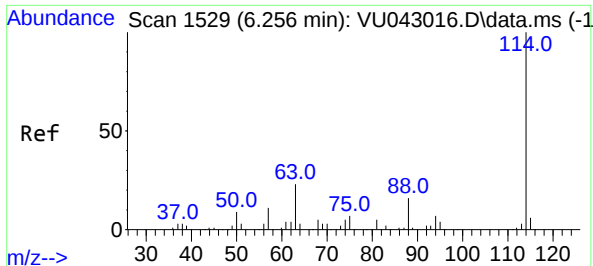


#33

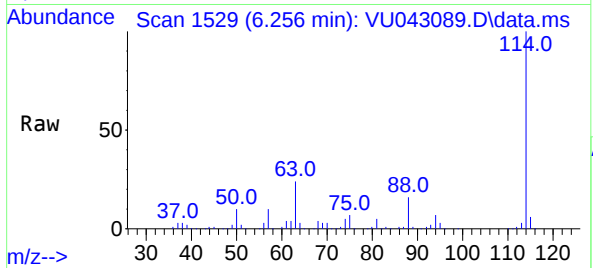
1,2-Dichloroethane-d4
Concen: 46.47 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 65 Resp: 157689
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.8

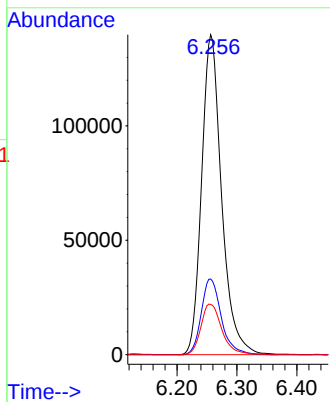
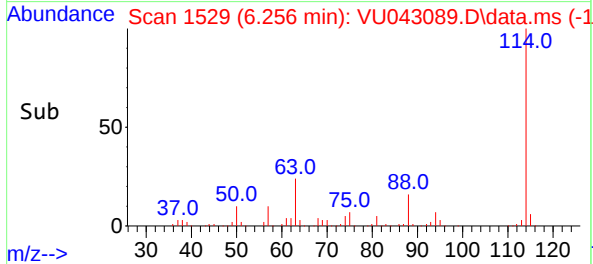




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13



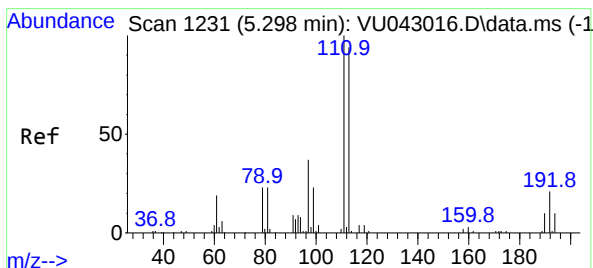
Tgt Ion:114 Resp: 324484
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 15.7 0.0 33.4



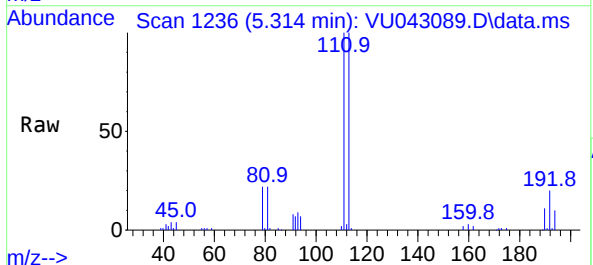
Instrument :
MSVOA_U
ClientSampleId :
41019ME

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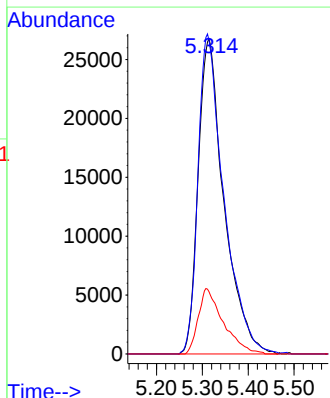
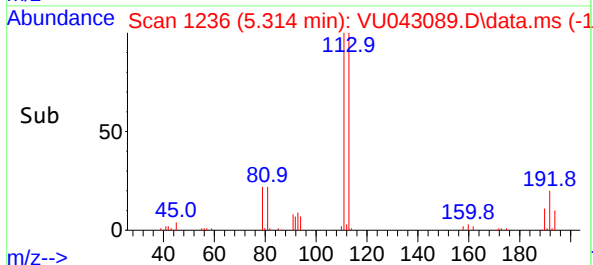
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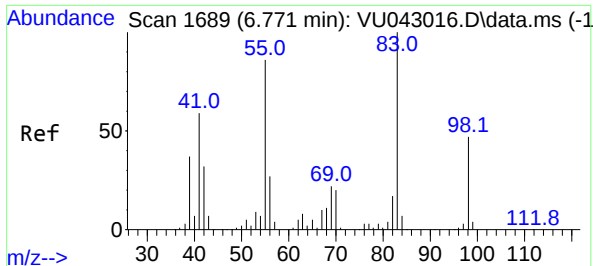


#35
Dibromofluoromethane
Concen: 42.87 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.016 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13



Tgt Ion:113 Resp: 104518
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 20.1 17.2 25.8





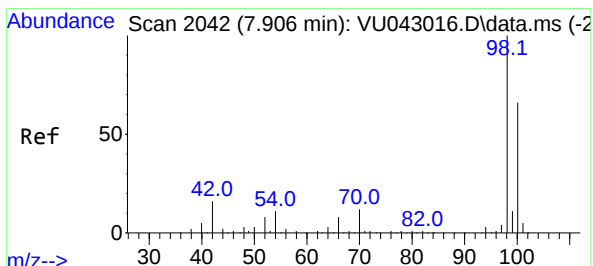
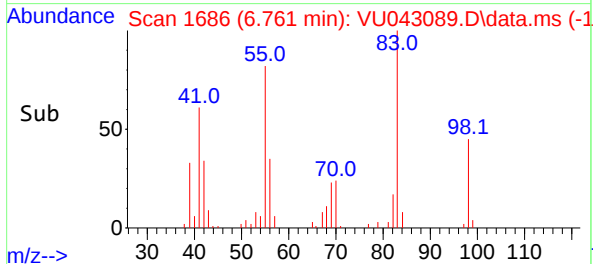
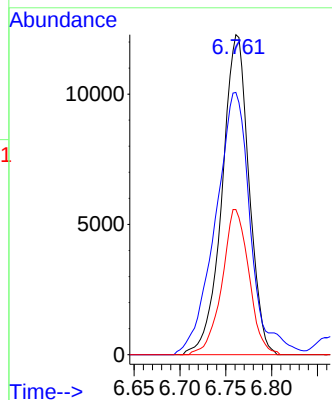
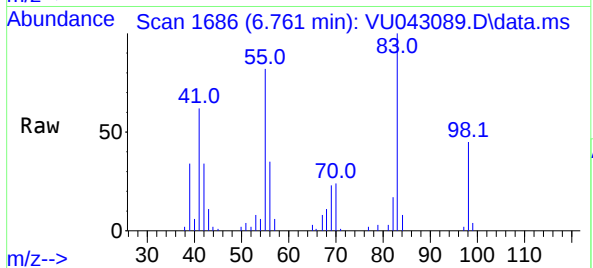
#39
Methylcyclohexane
Concen: 6.63 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.010 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:	83	Resp:	25094
Ion	Ratio	Lower	Upper
83	100		
55	80.5	66.8	100.2
98	45.4	36.9	55.3

Instrument :
MSVOA_U
ClientSampleId :
41019ME

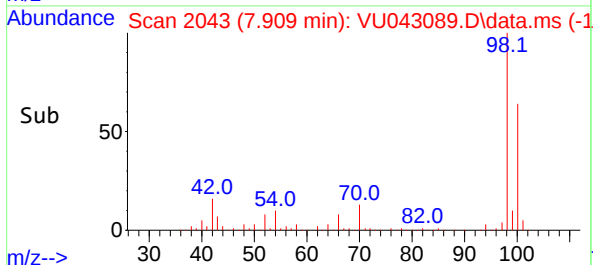
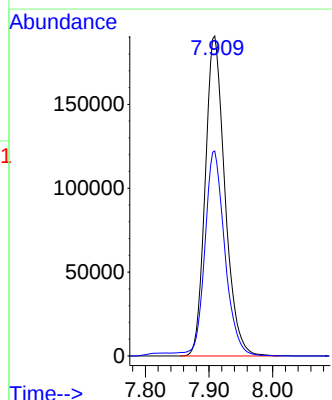
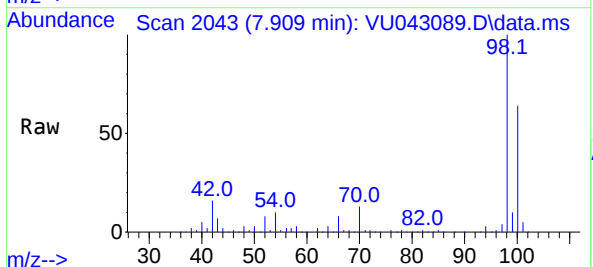
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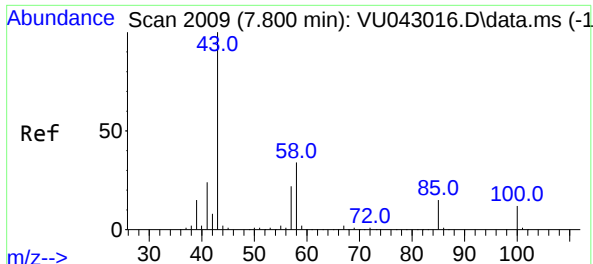
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#50
Toluene-d8
Concen: 47.51 ug/l
RT: 7.909 min Scan# 2043
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:	98	Resp:	409925
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2





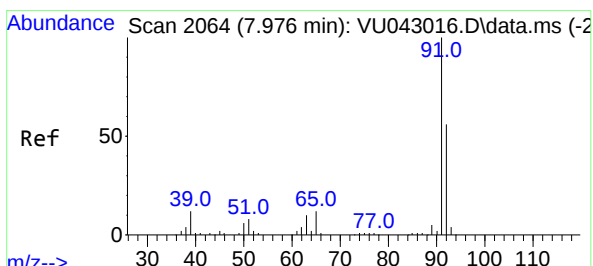
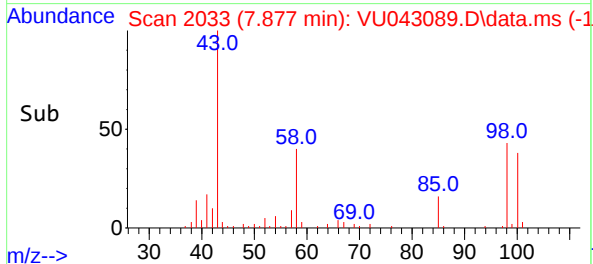
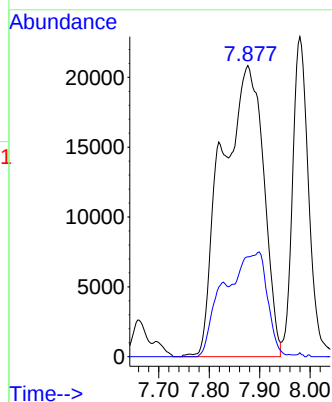
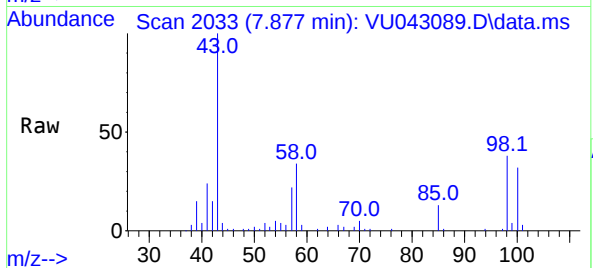
#51
4-Methyl-2-Pentanone
Concen: 19.26 ug/l m
RT: 7.877 min Scan# 2033
Delta R.T. 0.077 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 43 Resp: 119601
Ion Ratio Lower Upper
43 100
58 9.9 28.1 42.1#

Instrument :
MSVOA_U
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41019ME

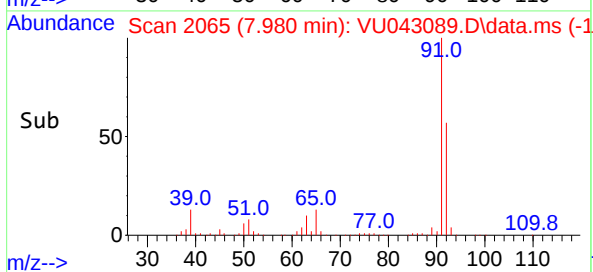
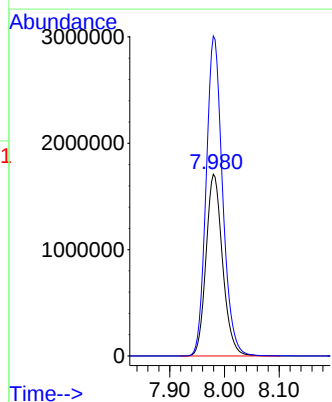
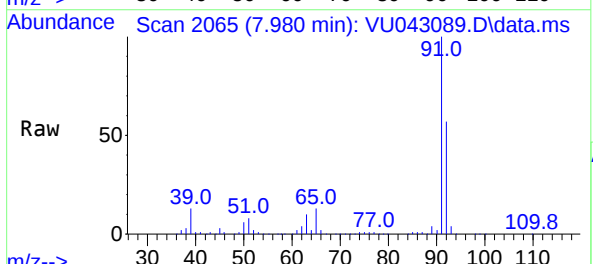
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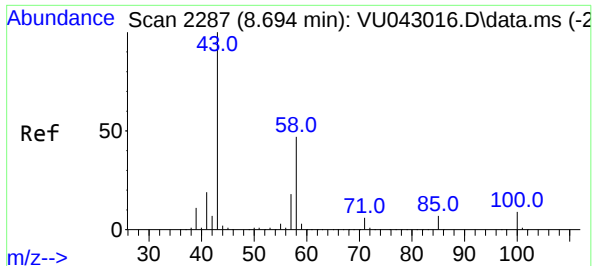
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#52
Toluene
Concen: 587.62 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 92 Resp: 3583241
Ion Ratio Lower Upper
92 100
91 174.9 140.3 210.5





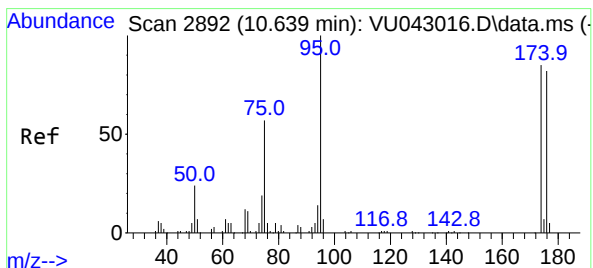
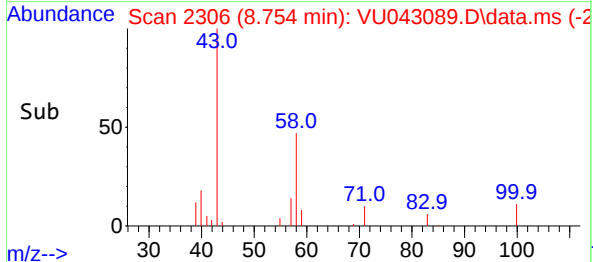
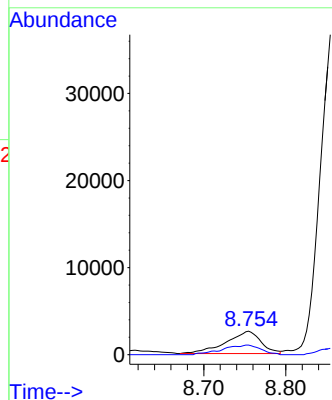
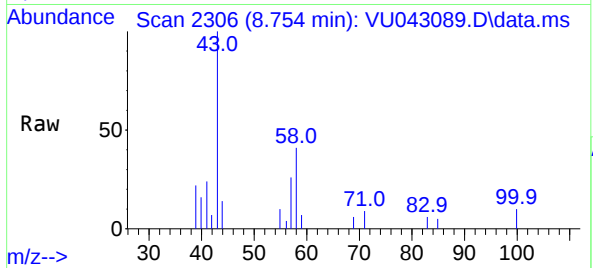
#59
2-Hexanone
Concen: 1.48 ug/l
RT: 8.754 min Scan# 2306
Delta R.T. 0.060 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 43 Resp: 7552
Ion Ratio Lower Upper
43 100
58 47.3 24.0 72.0

Instrument :
MSVOA_U
ClientSampled :
41019ME

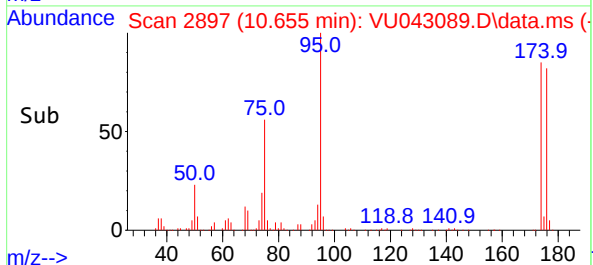
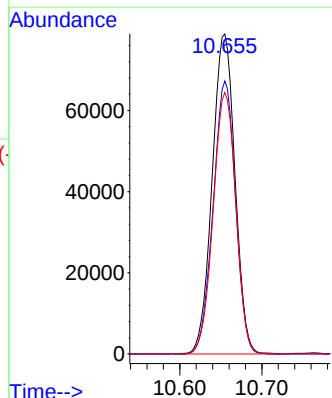
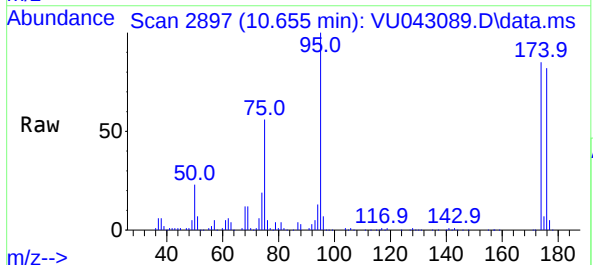
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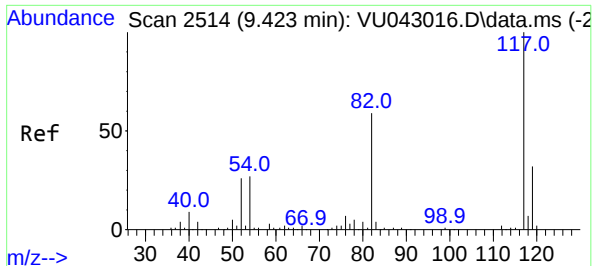
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#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. 0.016 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion: 95 Resp: 152270
Ion Ratio Lower Upper
95 100
174 83.8 0.0 172.2
176 81.3 0.0 168.8





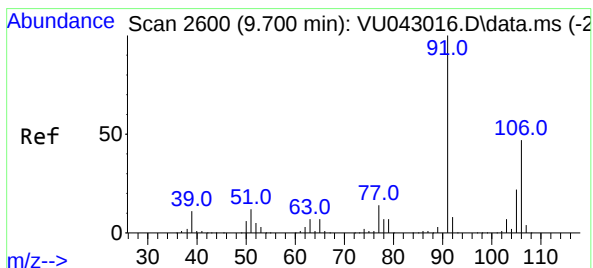
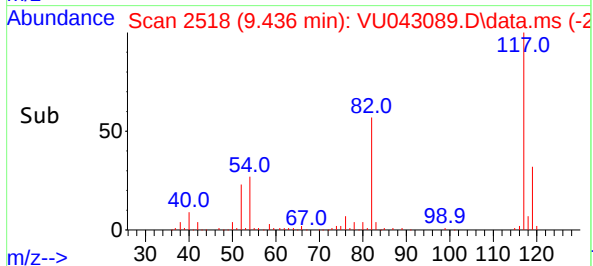
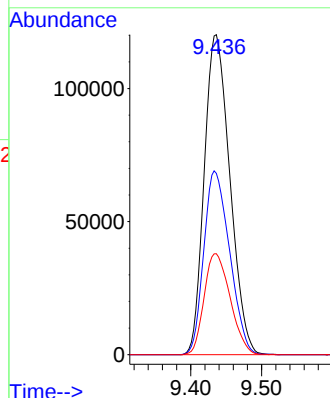
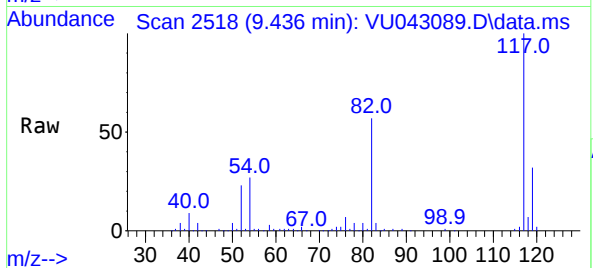
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.436 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:117 Resp: 302654
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.6
119 31.5 25.8 38.8

Instrument :
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ClientSampleId :
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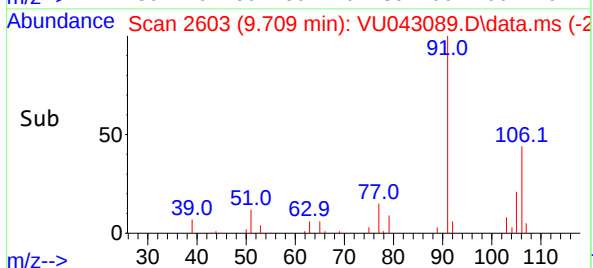
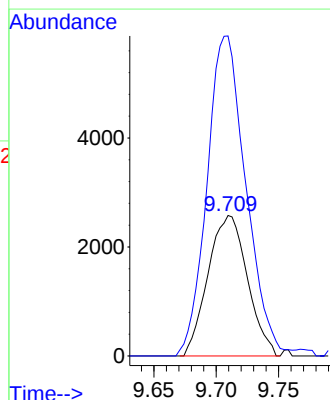
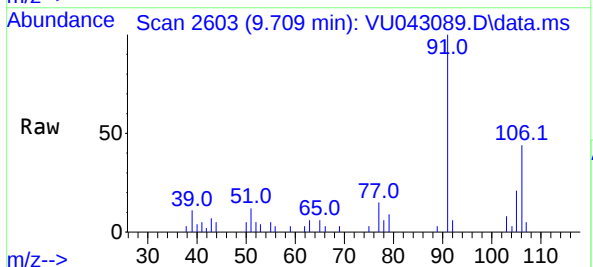
Manual Integrations
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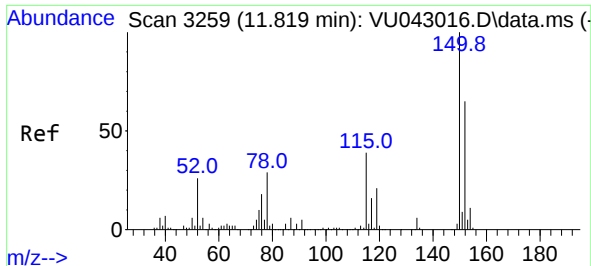
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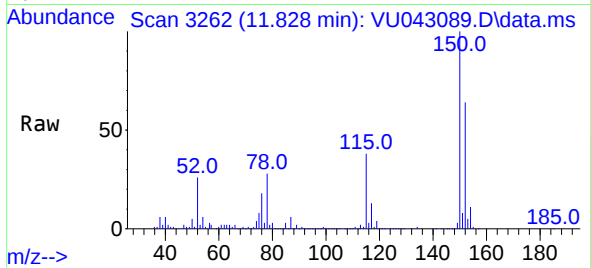
#68
m/p-Xylenes
Concen: 1.31 ug/l
RT: 9.709 min Scan# 2603
Delta R.T. 0.009 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

Tgt Ion:106 Resp: 5658
Ion Ratio Lower Upper
106 100
91 225.4 169.9 254.9

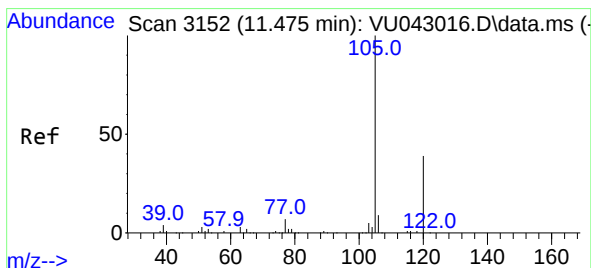
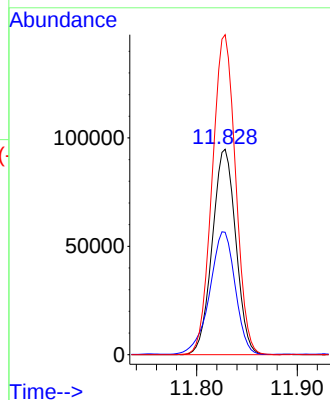
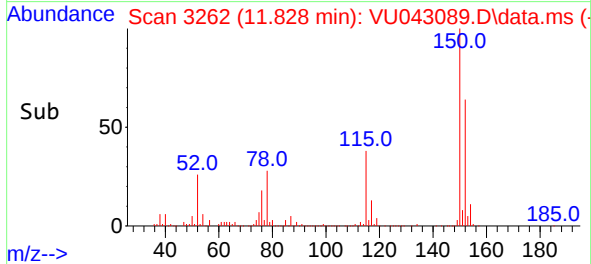




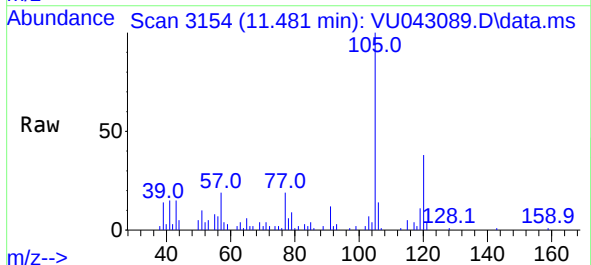
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.828 min Scan# 3262
Delta R.T. 0.009 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13



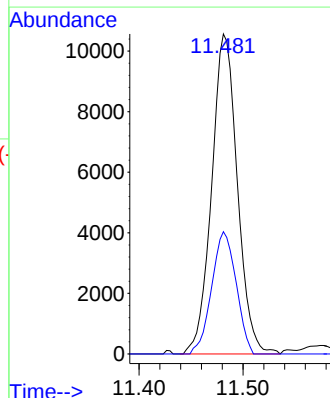
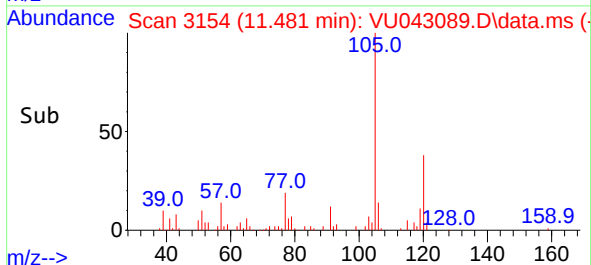
Tgt Ion:152 Resp: 154243
Ion Ratio Lower Upper
152 100
115 64.4 41.5 124.6
150 155.0 0.0 342.4



#84
1,2,4-Trimethylbenzene
Concen: 1.93 ug/l
RT: 11.481 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13



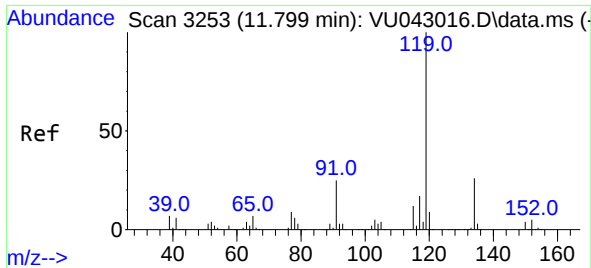
Tgt Ion:105 Resp: 18165
Ion Ratio Lower Upper
105 100
120 36.2 22.3 66.8



Instrument :
MSVOA_U
ClientSampled :
41019ME

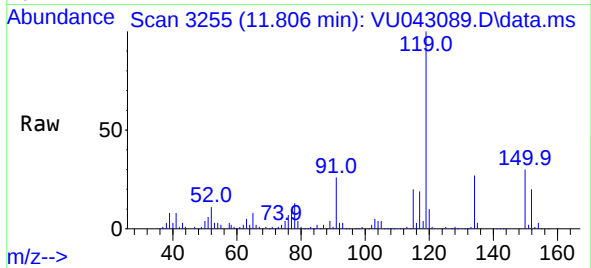
Manual Integrations
APPROVED

MMDadoda
4/15/2021 5:36:51 PM



#86
p-Isopropyltoluene
Concen: 10.99 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. 0.007 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13

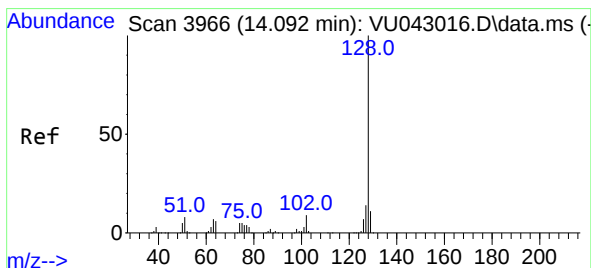
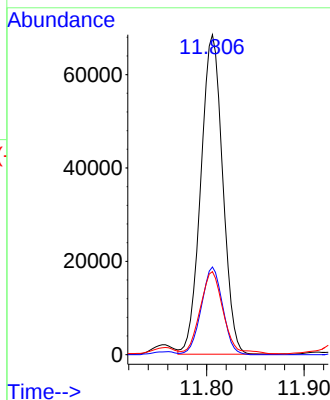
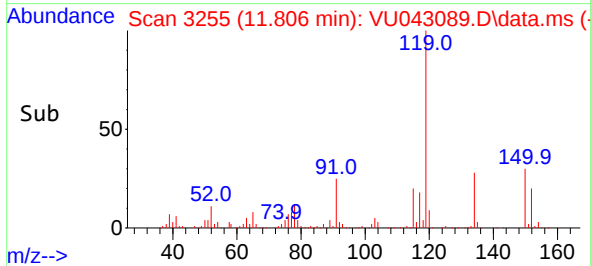
Instrument :
MSVOA_U
ClientSampleId :
41019ME



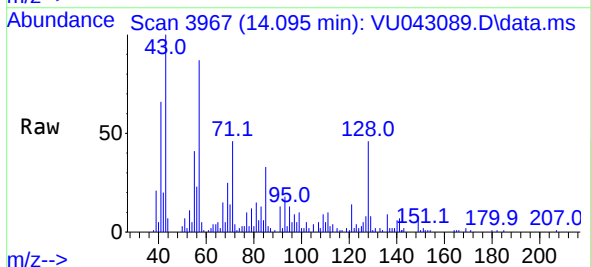
Tgt Ion:119 Resp: 106568
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.6
91 27.1 12.8 38.3

Manual Integrations
APPROVED

MMDadoda
4/15/2021 5:36:51 PM



#95
Naphthalene
Concen: 3.54 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043089.D
Acq: 14 Apr 2021 13:13



Tgt Ion:128 Resp: 9455
Ion Ratio Lower Upper
128 100
127 24.1 10.8 16.2#
129 13.0 8.6 13.0#

