

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069114.D
 Acq On : 07 May 2021 20:48
 Operator : VA/SY
 Sample : M2295-05
 Misc : 4.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-D-E

Manual Integrations
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Quant Time: May 08 00:11:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	160395	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	303988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	330469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	113977	55.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.28%		
35) Dibromofluoromethane	7.909	113	73260	35.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.28%		
50) Toluene-d8	10.338	98	401220	52.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.26%		
62) 4-Bromofluorobenzene	12.626	95	155534	61.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	122.88%		
Target Compounds						Qvalue
16) Acetone	4.156	43	32654	97.37	ug/l	89
17) Carbon Disulfide	4.403	76	34564	6.08	ug/l #	93
52) Toluene	10.403	92	13954	2.48	ug/l	100
67) Ethyl Benzene	11.744	91	142603	11.93	ug/l	97
68) m/p-Xylenes	11.844	106	68181	15.16	ug/l	93
69) o-Xylene	12.173	106	39307	9.75	ug/l	96
73) Isopropylbenzene	12.473	105	38585	3.19	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	77592	7.54	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	208312	20.27	ug/l	99
86) p-Isopropyltoluene	13.508	119	14253m	1.27	ug/l	
95) Naphthalene	15.391	128	2656065	424.52	ug/l	99

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

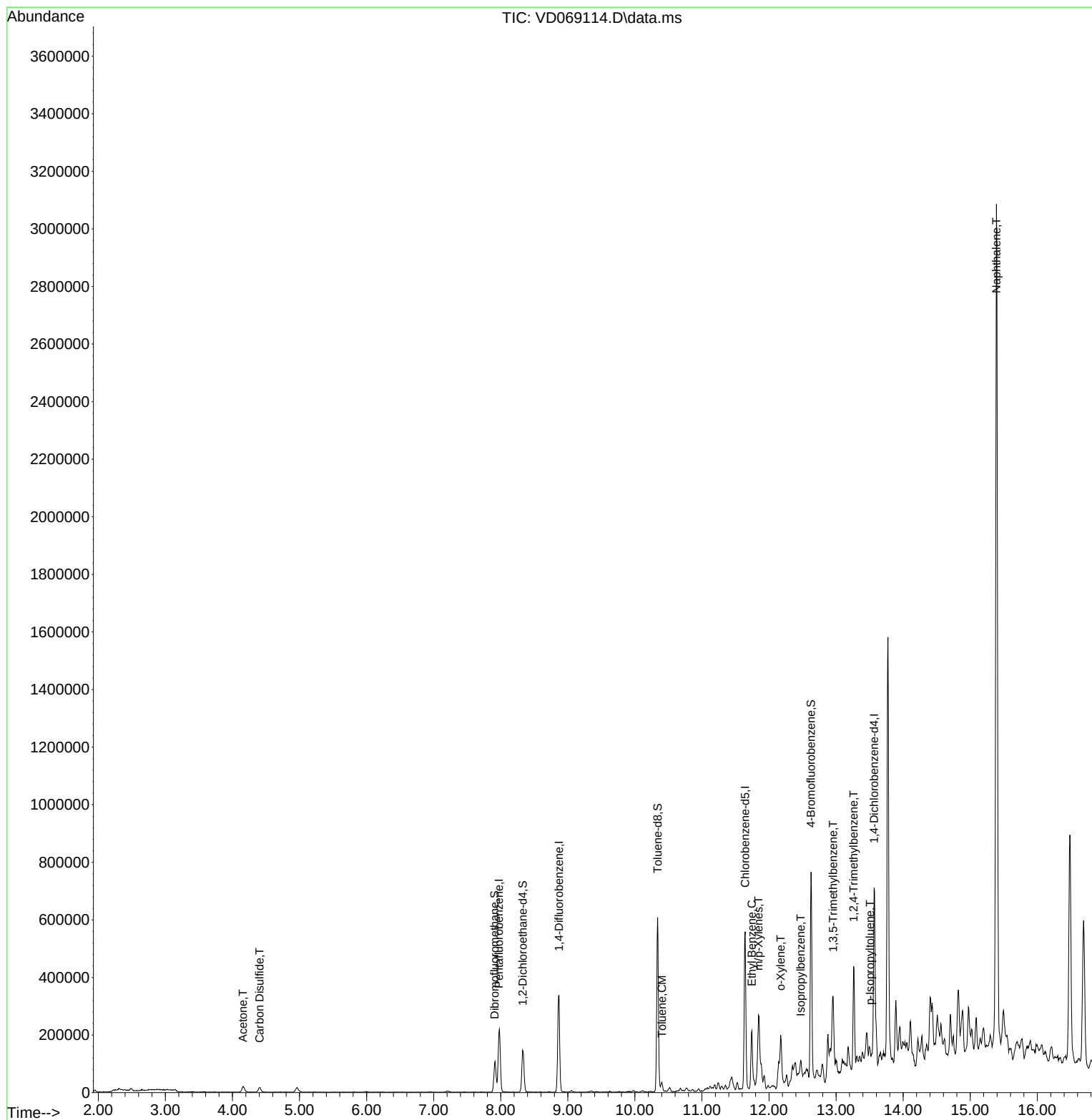
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Data File : VD069114.D
Acq On : 07 May 2021 20:48
Operator : VA/SY
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Misc : 4.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

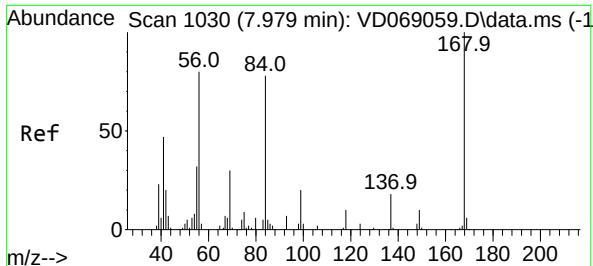
Instrument :
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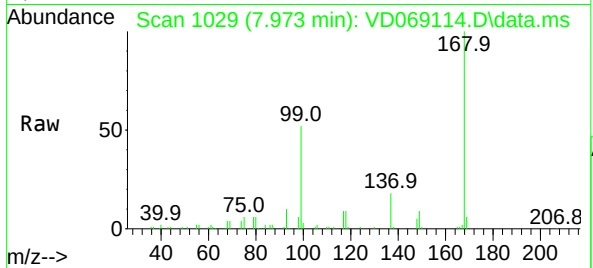
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Quant Time: May 08 00:11:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

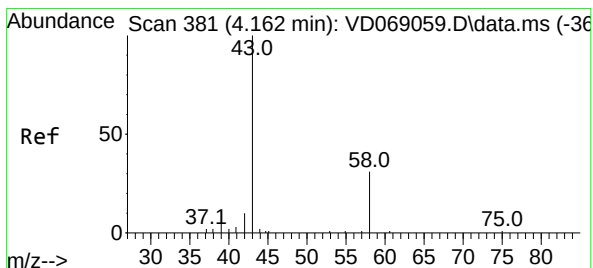
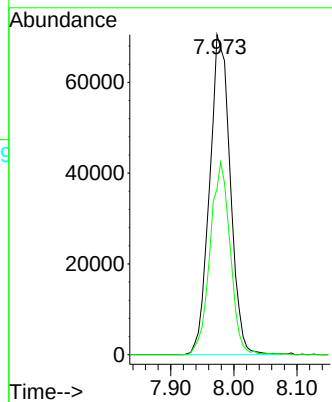
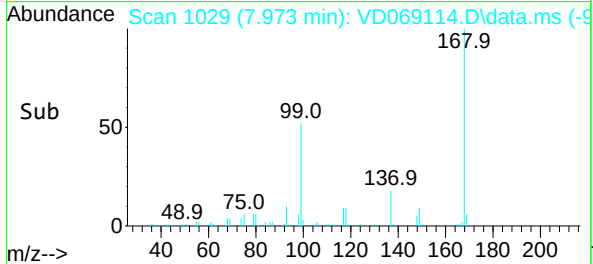




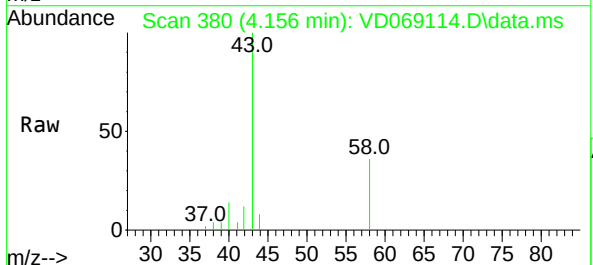
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48



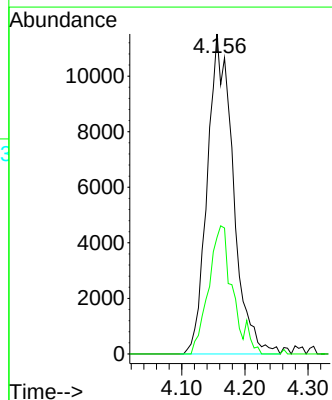
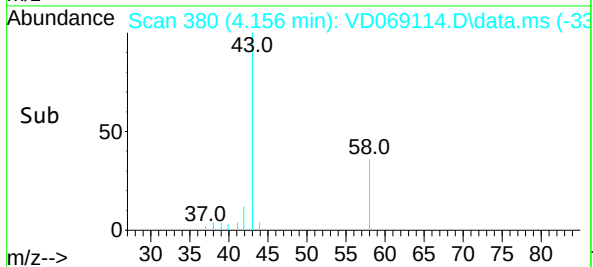
Tgt Ion: 168 Resp: 160395
Ion Ratio Lower Upper
168 100
99 51.8 52.6 78.8#



#16
Acetone
Concen: 97.37 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48



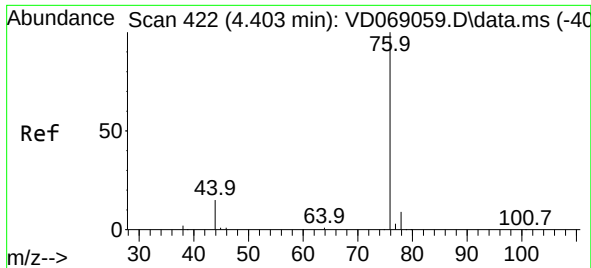
Tgt Ion: 43 Resp: 32654
Ion Ratio Lower Upper
43 100
58 36.4 24.5 36.7



Instrument :
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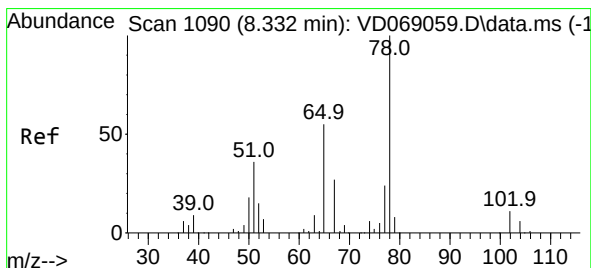
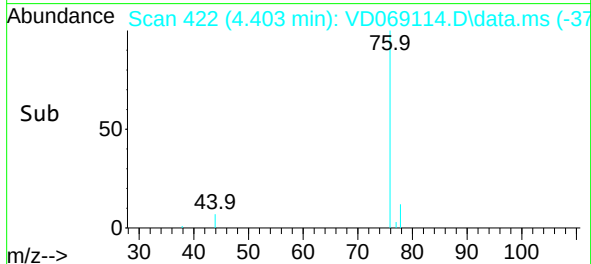
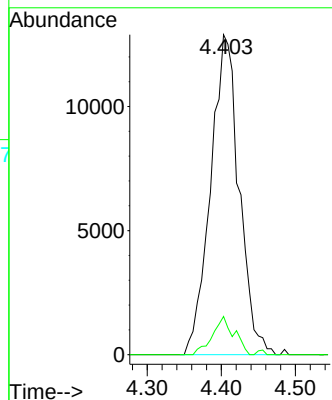
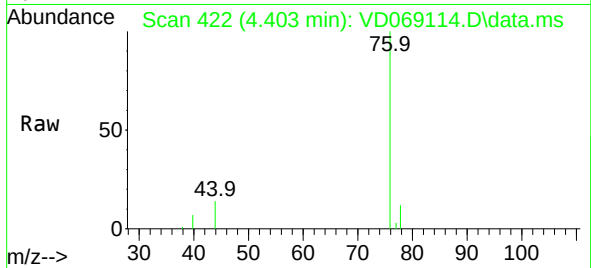
#17
Carbon Disulfide
Concen: 6.08 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion: 76 Resp: 34564
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.2#

Instrument :
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ClientSampleId :
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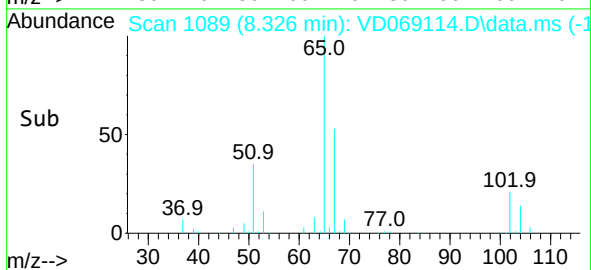
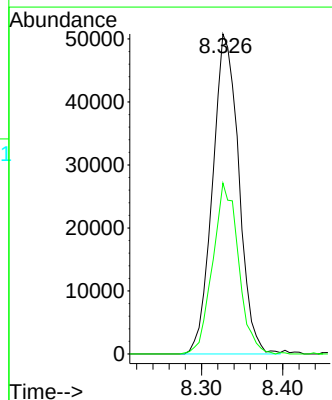
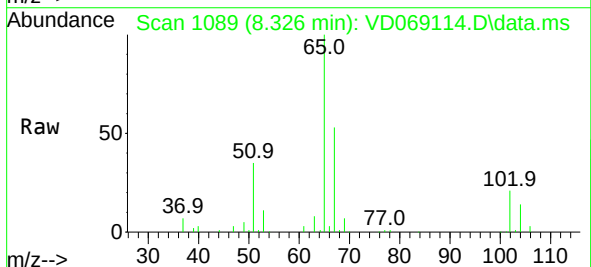
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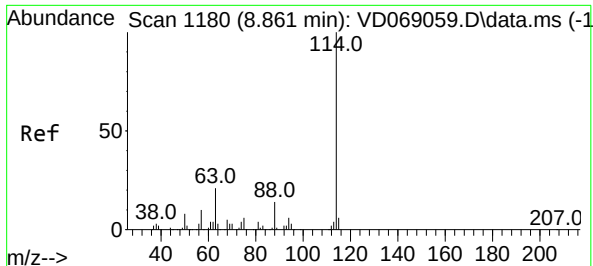
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#33
1,2-Dichloroethane-d4
Concen: 55.14 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
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Tgt Ion: 65 Resp: 113977
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD069114.D

Acq: 07 May 2021 20:48

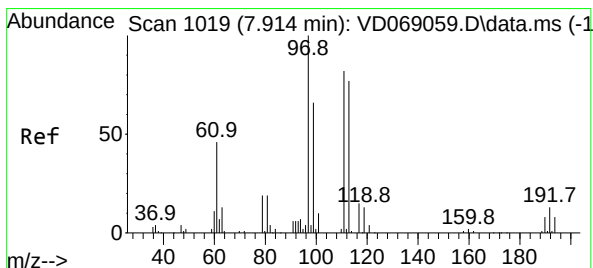
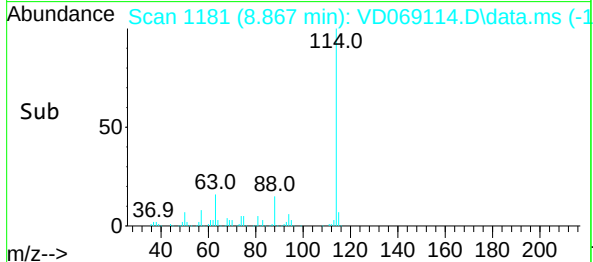
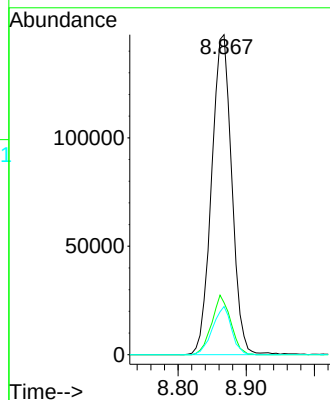
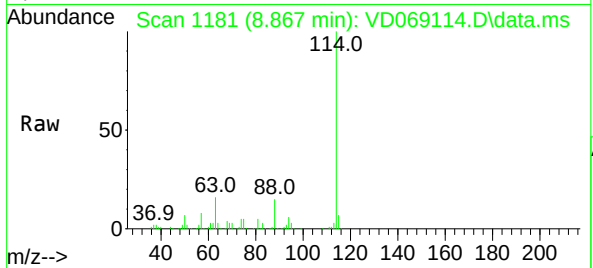
Tgt Ion:114 Resp: 303988

Ion Ratio Lower Upper

114 100

63 16.3 0.0 41.4

88 15.1 0.0 27.8



#35

Dibromofluoromethane

Concen: 35.14 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD069114.D

Acq: 07 May 2021 20:48

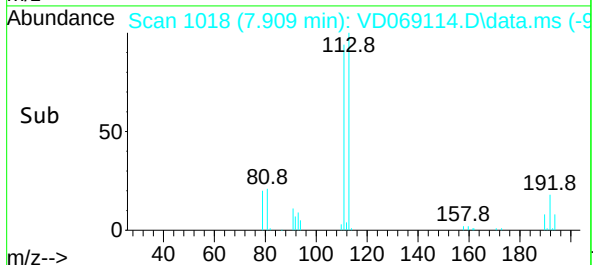
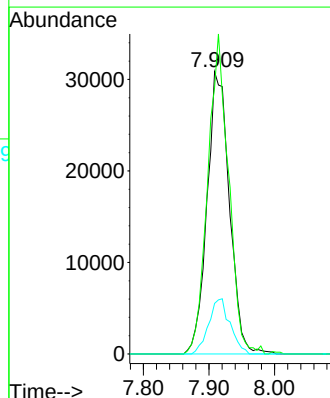
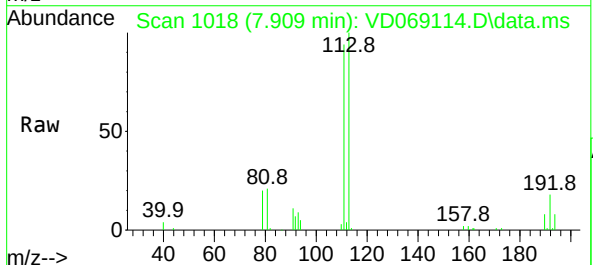
Tgt Ion:113 Resp: 73260

Ion Ratio Lower Upper

113 100

111 105.3 84.6 126.8

192 18.7 13.5 20.3



Instrument :

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ClientSampleId :

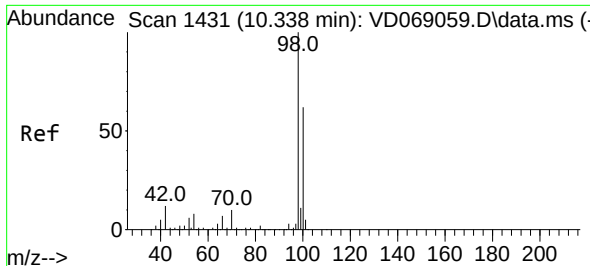
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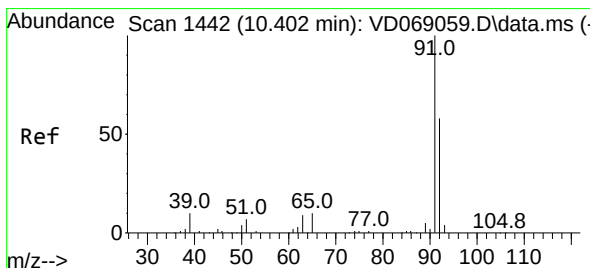
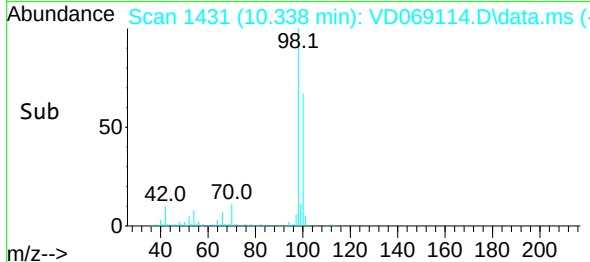
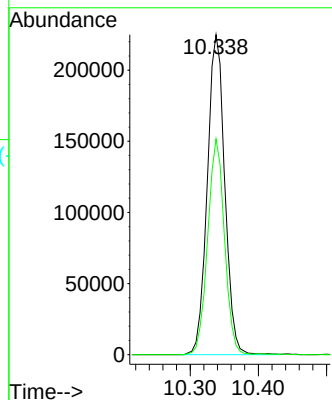
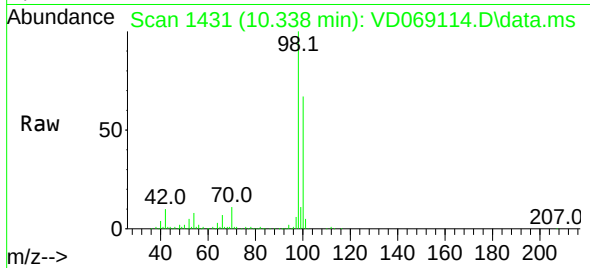
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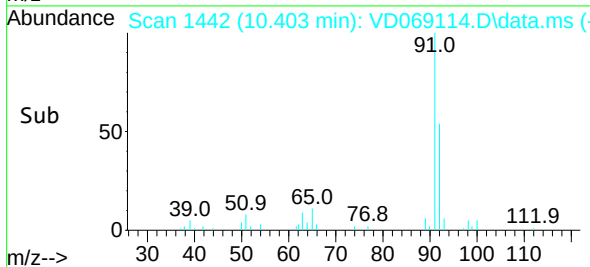
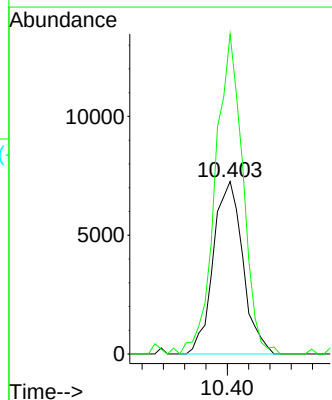
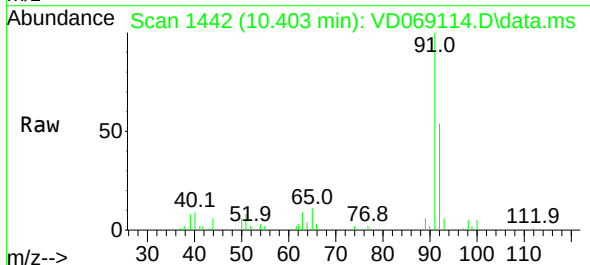
#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion: 98 Resp: 401220
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#52
Toluene
Concen: 2.48 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

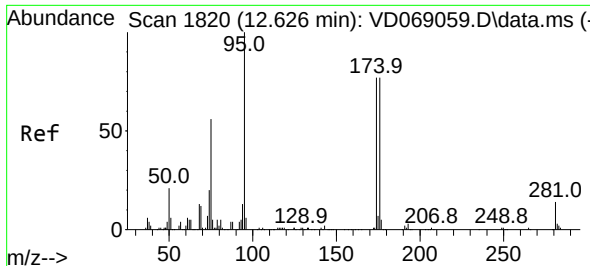
Tgt Ion: 92 Resp: 13954
Ion Ratio Lower Upper
92 100
91 173.0 138.2 207.2



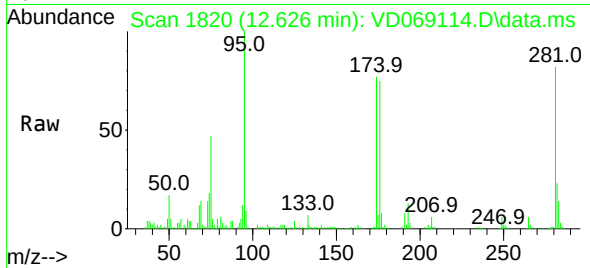
Instrument :
MSVOA_D
ClientSampleId :
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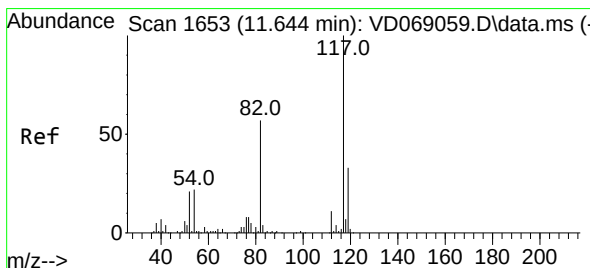
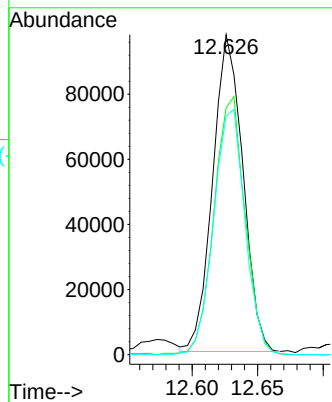
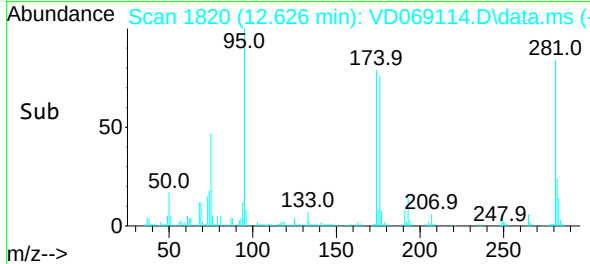
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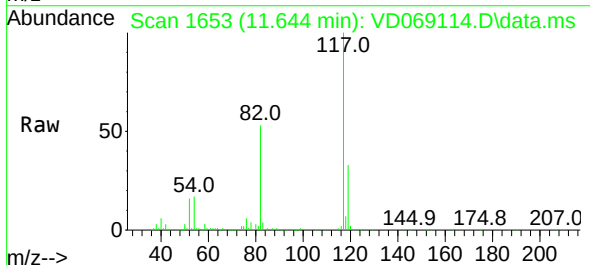
#62
4-Bromofluorobenzene
Concen: 61.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48



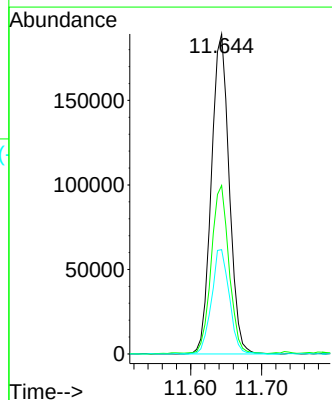
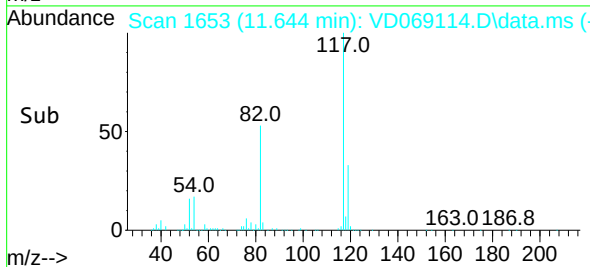
Tgt Ion: 95 Resp: 155534
Ion Ratio Lower Upper
95 100
174 84.1 0.0 156.0
176 80.6 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48



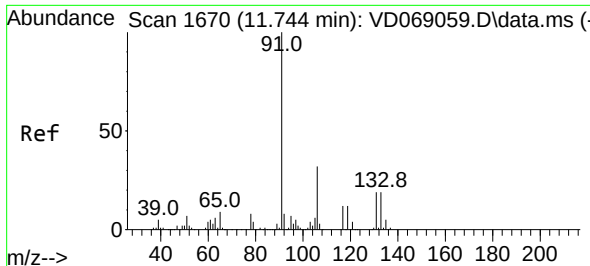
Tgt Ion: 117 Resp: 330469
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.2
119 32.6 26.8 40.2



Instrument :
MSVOA_D
ClientSampleId :
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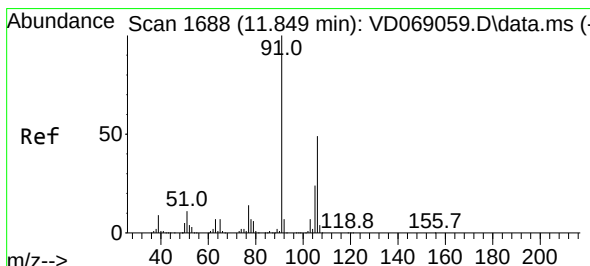
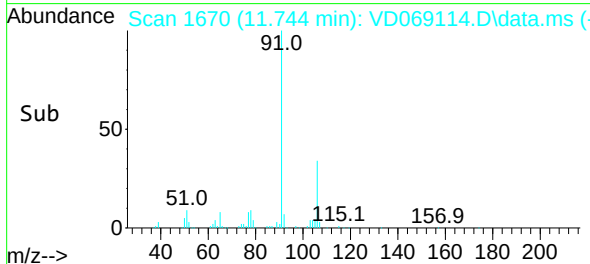
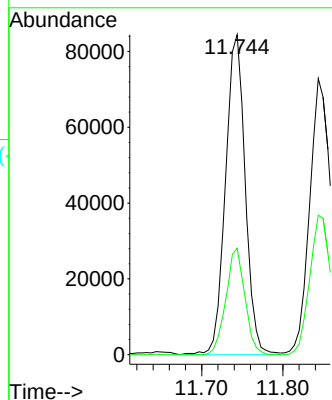
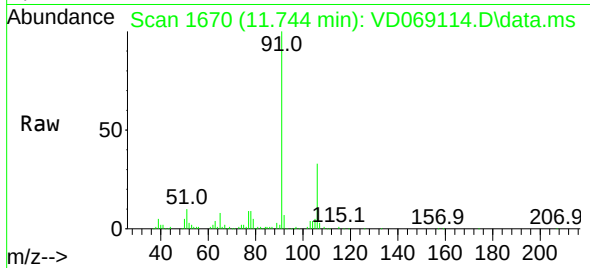
#67
Ethyl Benzene
Concen: 11.93 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion: 91 Resp: 142603
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3

Instrument :
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ClientSampleId :
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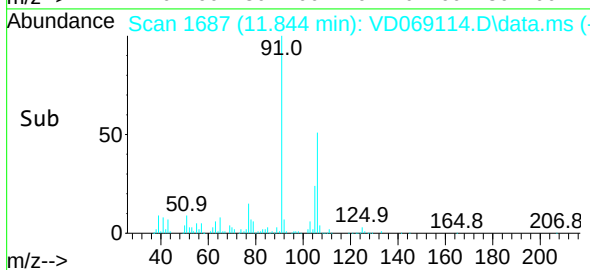
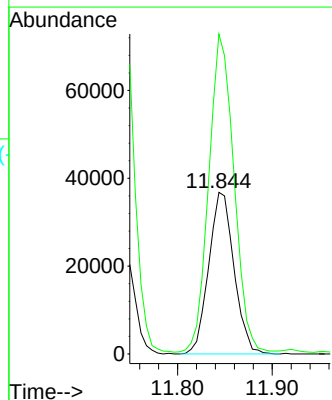
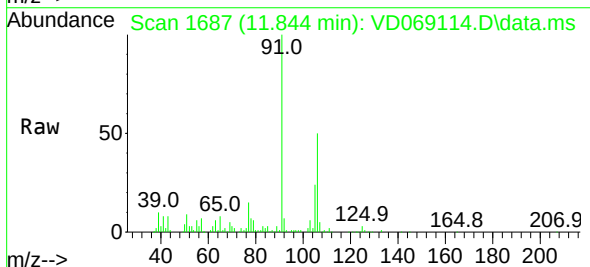
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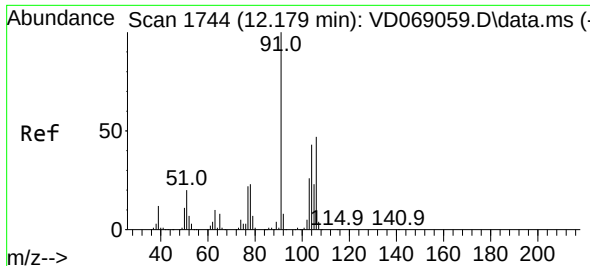
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#68
m/p-Xylenes
Concen: 15.16 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion: 106 Resp: 68181
Ion Ratio Lower Upper
106 100
91 195.5 164.6 246.8





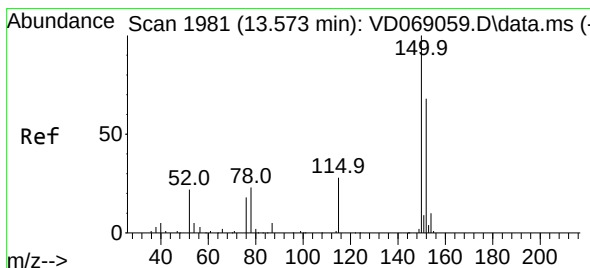
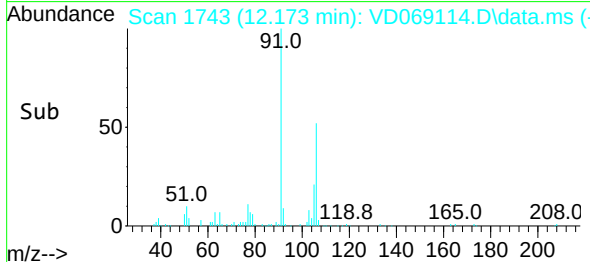
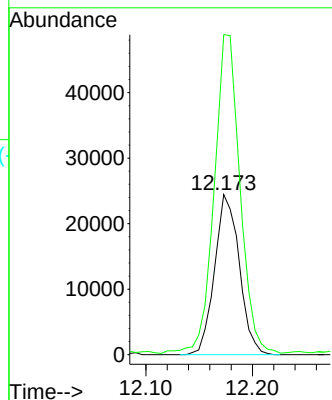
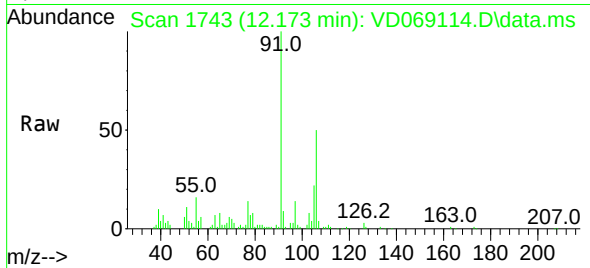
#69
o-Xylene
Concen: 9.75 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion:106 Resp: 39307
Ion Ratio Lower Upper
106 100
91 207.8 107.1 321.4

Instrument :
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ClientSampleId :
DRUM-D-E

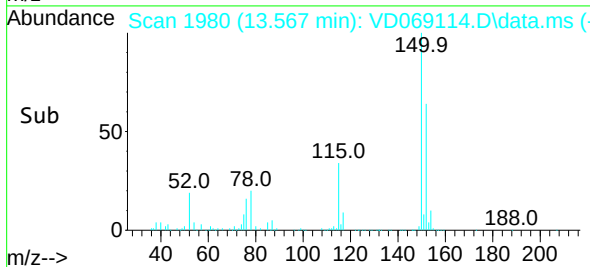
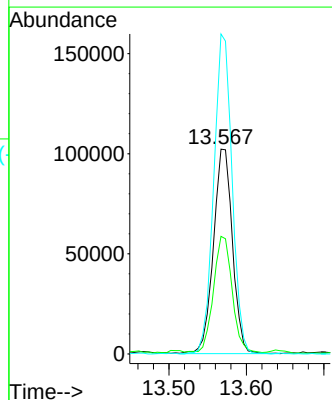
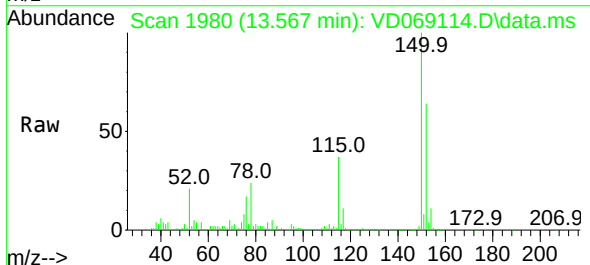
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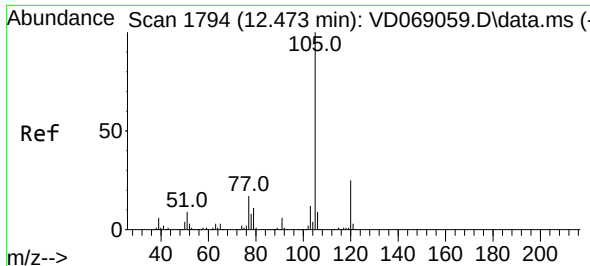
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion:152 Resp: 174534
Ion Ratio Lower Upper
152 100
115 55.4 30.5 91.5
150 150.4 0.0 340.8





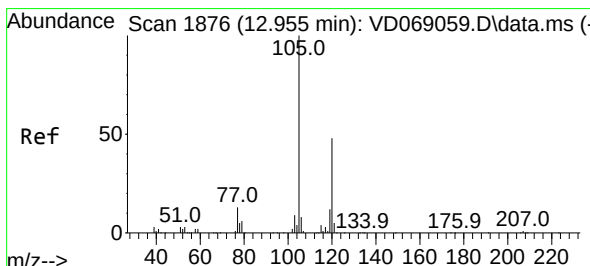
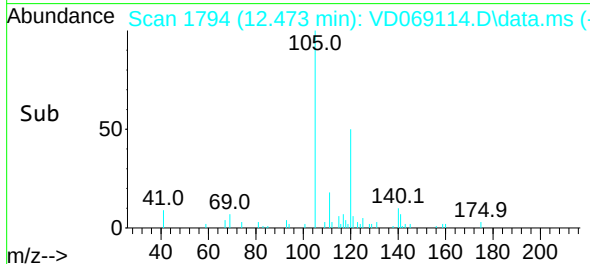
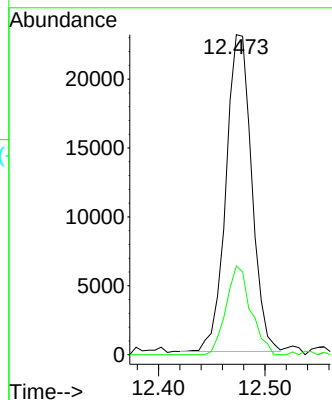
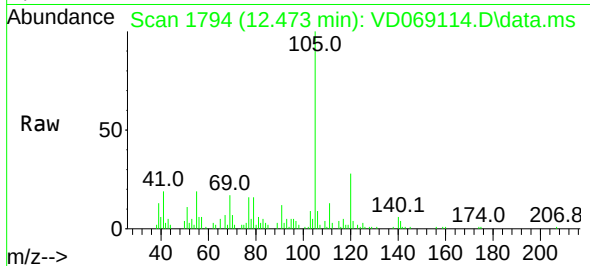
#73
Isopropylbenzene
Concen: 3.19 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion:105 Resp: 38585
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-D-E

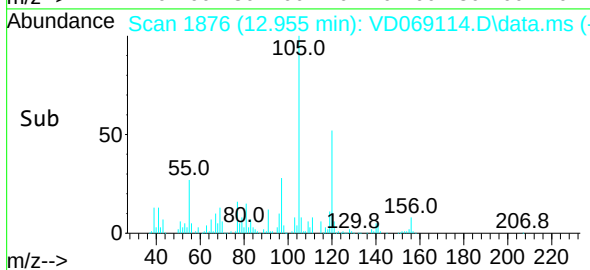
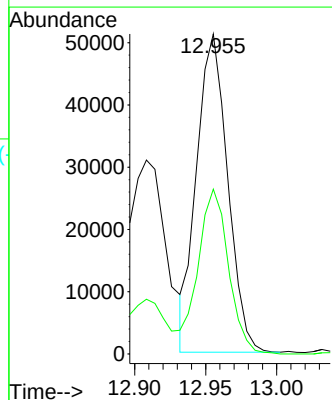
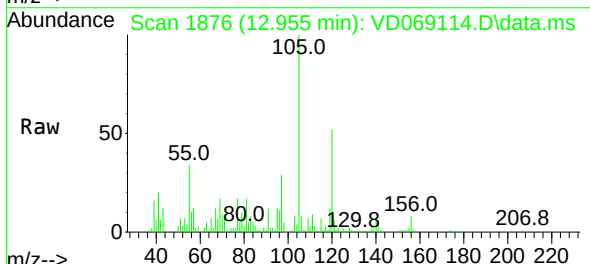
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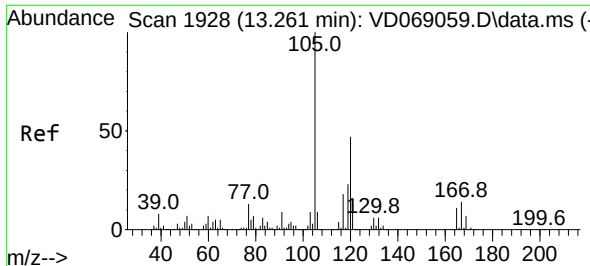
sam
5/10/2021 11:00:54 AM



#80
1,3,5-Trimethylbenzene
Concen: 7.54 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion:105 Resp: 77592
Ion Ratio Lower Upper
105 100
120 52.2 24.2 72.6





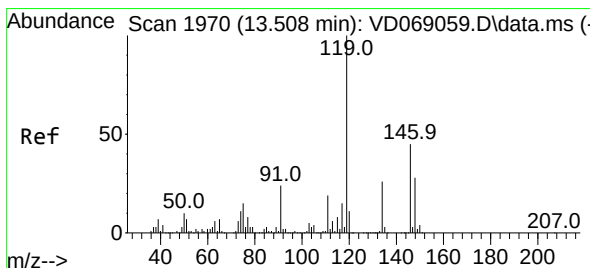
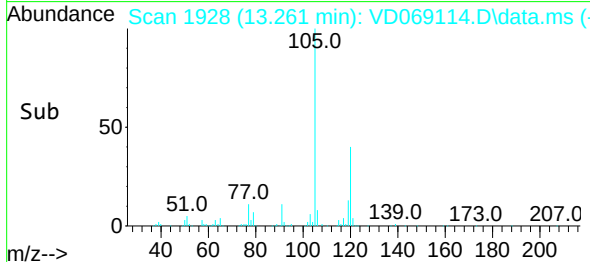
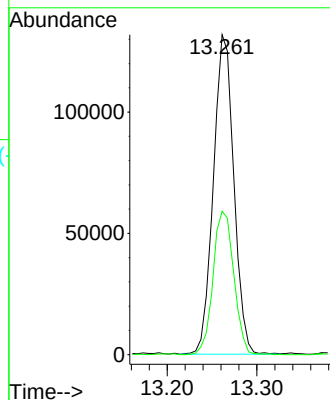
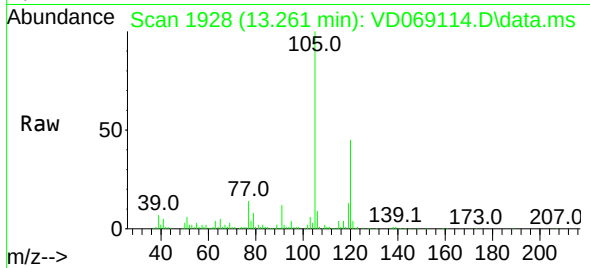
#84
1,2,4-Trimethylbenzene
Concen: 20.27 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion:105 Resp: 208312
Ion Ratio Lower Upper
105 100
120 45.7 22.5 67.5

Instrument :
MSVOA_D
ClientSampleId :
DRUM-D-E

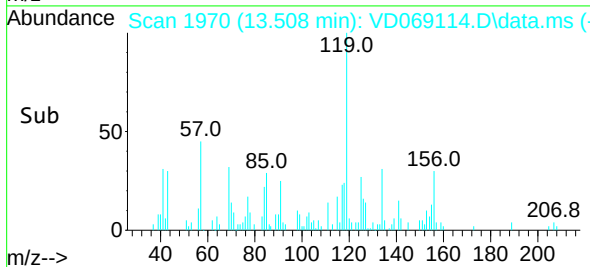
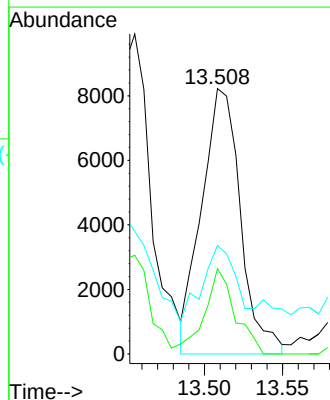
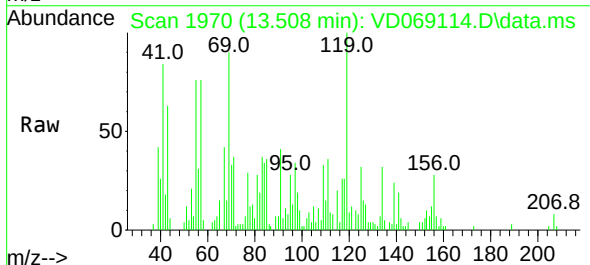
Manual Integrations
APPROVED

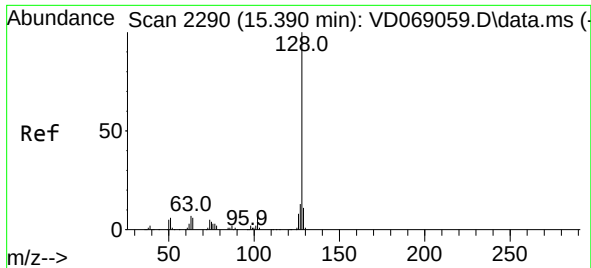
sam
5/10/2021 11:00:54 AM



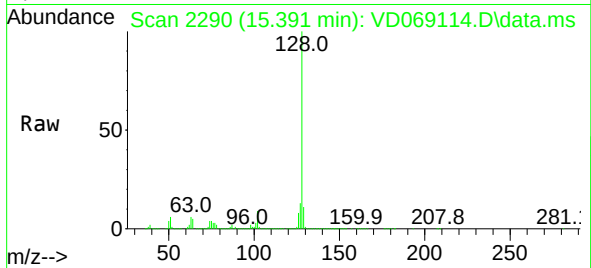
#86
p-Isopropyltoluene
Concen: 1.27 ug/l m
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48

Tgt Ion:119 Resp: 14253
Ion Ratio Lower Upper
119 100
134 34.2 12.9 38.7
91 38.2 12.3 36.9#

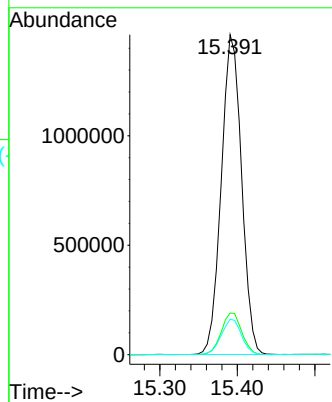
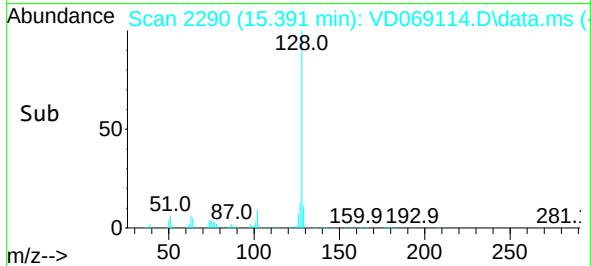




#95
Naphthalene
Concen: 424.52 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069114.D
Acq: 07 May 2021 20:48



Tgt Ion:128 Resp: 2656065
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.1 8.5 12.7



Instrument :
MSVOA_D
ClientSampleId :
DRUM-D-E

Manual Integrations
APPROVED

sam
5/10/2021 11:00:54 AM