

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019278.D
 Acq On : 22 Jun 2021 19:22
 Operator : SY/VA
 Sample : M2812-04
 Misc : 6.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 293-347

Manual Integrations
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 6/23/2021 5:29:32 PM

Quant Time: Jun 23 05:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	37174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	60649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	49018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	17519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	26496	58.757	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.520%	
35) Dibromofluoromethane	7.891	113	20990	54.336	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.680%	
50) Toluene-d8	10.329	98	67156	43.427	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.860%	
62) 4-Bromofluorobenzene	12.621	95	21393	39.555	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.100%	
Target Compounds					Qvalue	
16) Acetone	4.129	43	15257	210.801	ug/l	94
39) Methylcyclohexane	9.335	83	1013	1.331	ug/l	97
40) Benzene	8.323	78	3116	1.772	ug/l	95
52) Toluene	10.390	92	21706	19.837	ug/l	97
67) Ethyl Benzene	11.731	91	38352	20.387	ug/l	96
68) m/p-Xylenes	11.835	106	56473	80.410	ug/l	92
69) o-Xylene	12.170	106	26174	39.762	ug/l	95
73) Isopropylbenzene	12.463	105	9422	7.231	ug/l	95
78) n-propylbenzene	12.804	91	10609	6.458	ug/l	96
79) 2-Chlorotoluene	13.109	91	4405	4.691	ug/l	92
80) 1,3,5-Trimethylbenzene	12.945	105	75607	68.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	173961	158.609	ug/l	99
85) sec-Butylbenzene	13.384	105	2059m	1.419	ug/l	
86) p-Isopropyltoluene	13.499	119	8404	7.119	ug/l	90

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

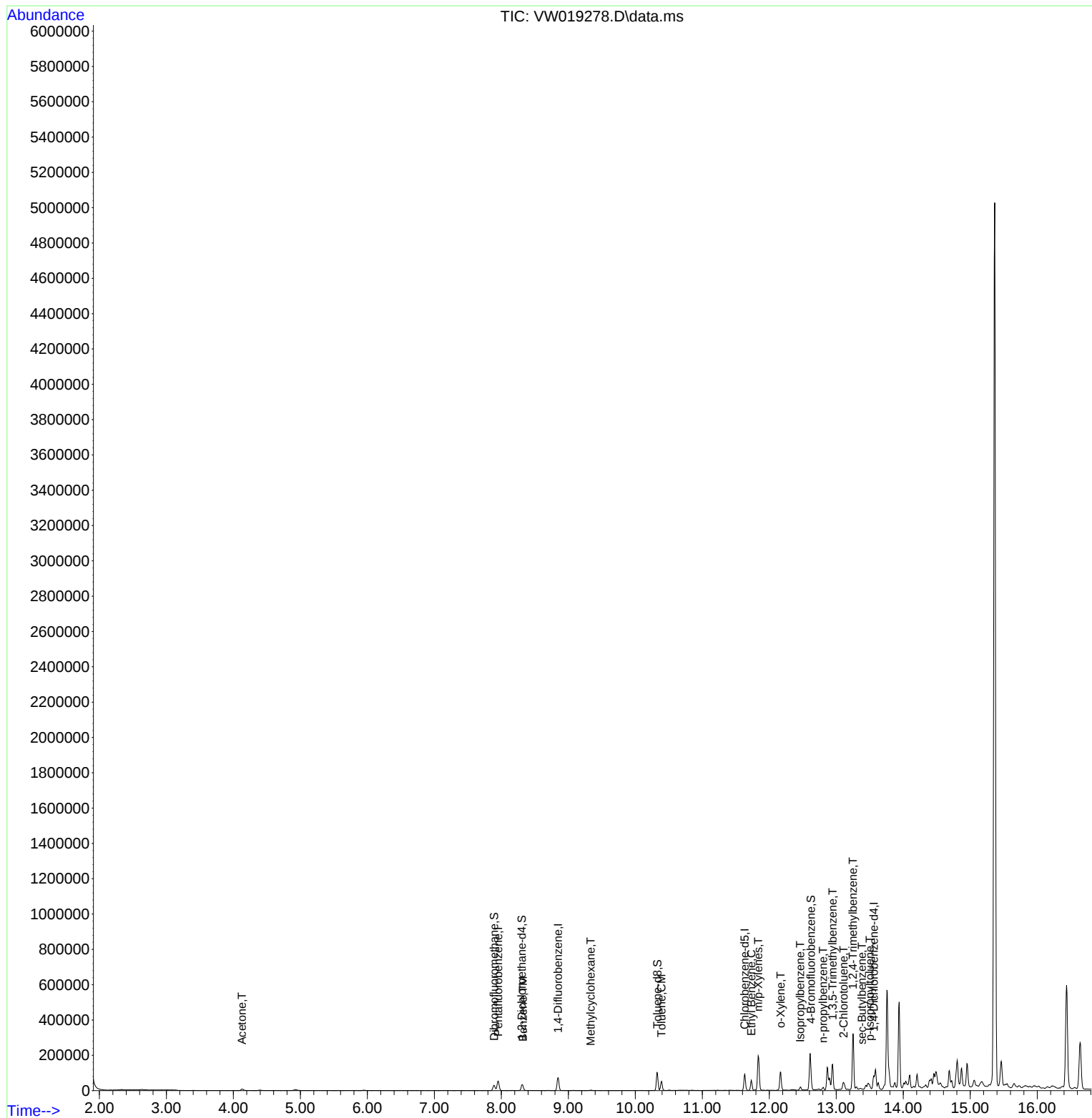
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Data File : VW019278.D
Acq On : 22 Jun 2021 19:22
Operator : SY/VA
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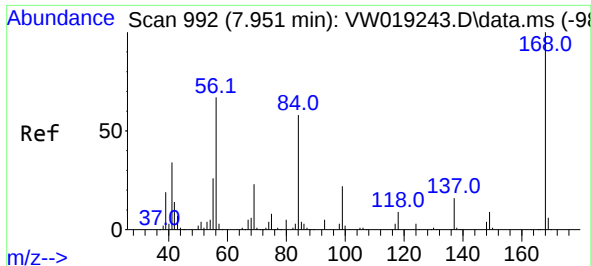
Instrument :
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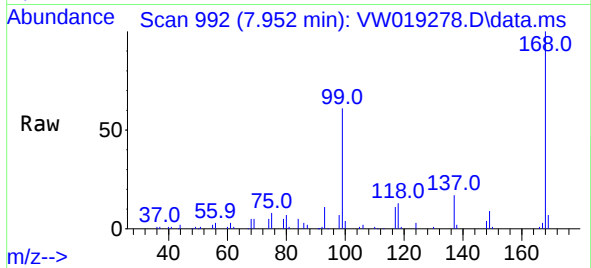
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Quant Time: Jun 23 05:44:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

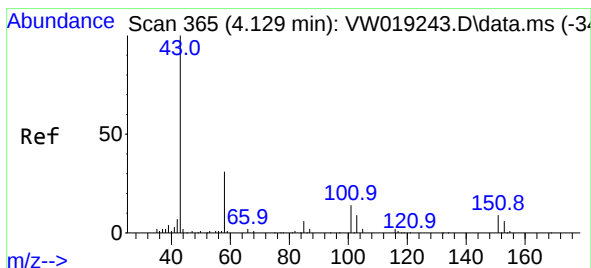
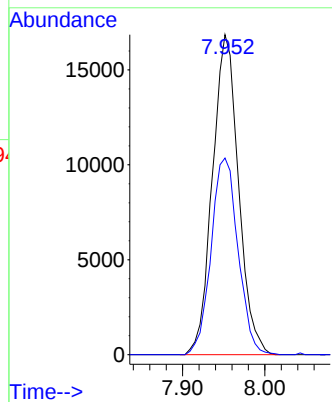
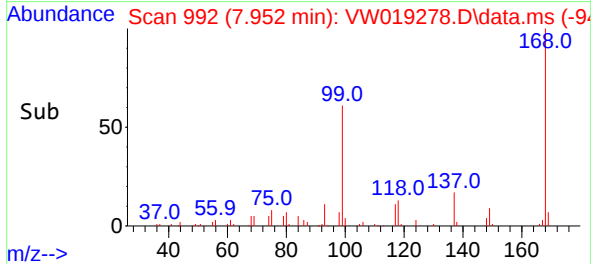




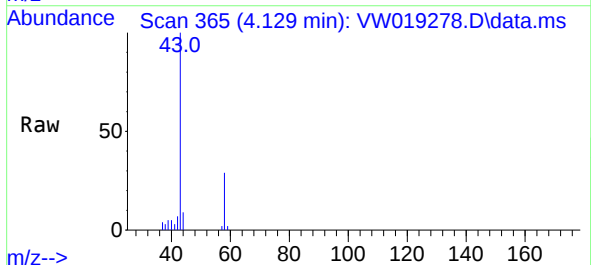
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



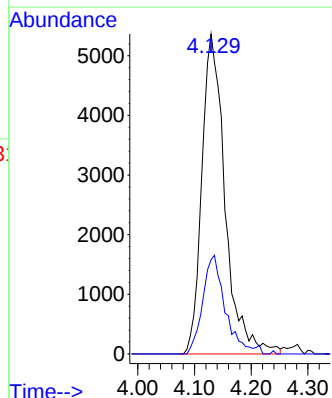
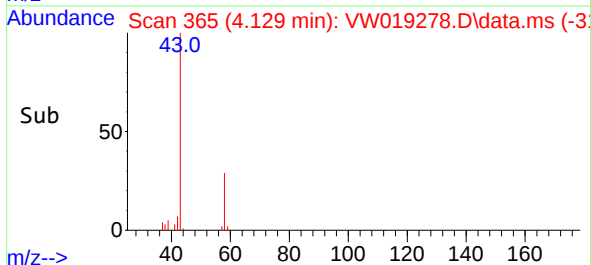
Tgt Ion:168 Resp: 37174
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#16
Acetone
Concen: 210.801 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



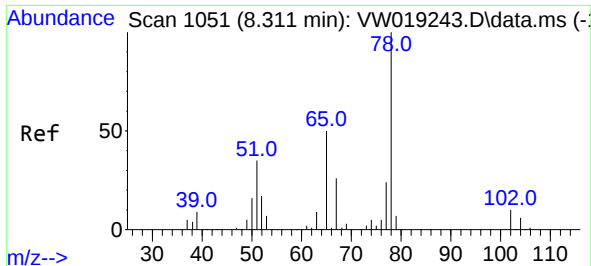
Tgt Ion: 43 Resp: 15257
Ion Ratio Lower Upper
43 100
58 29.5 26.4 39.6



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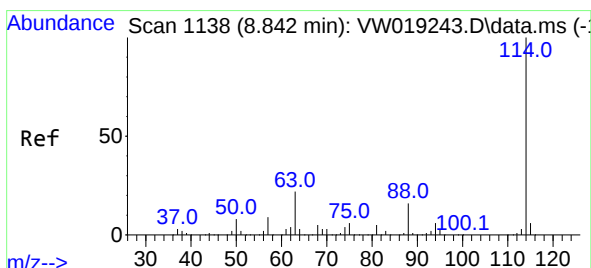
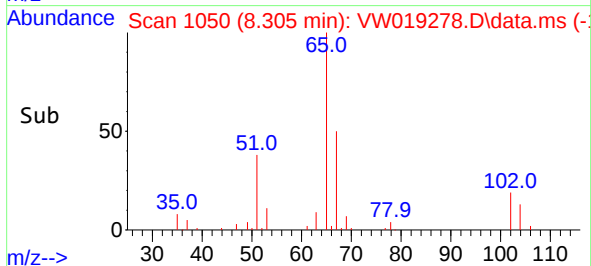
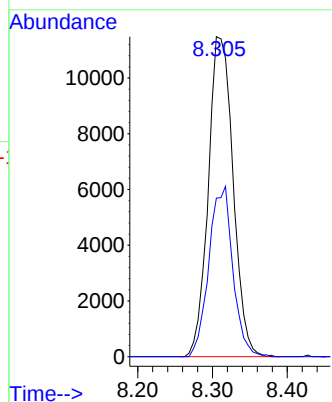
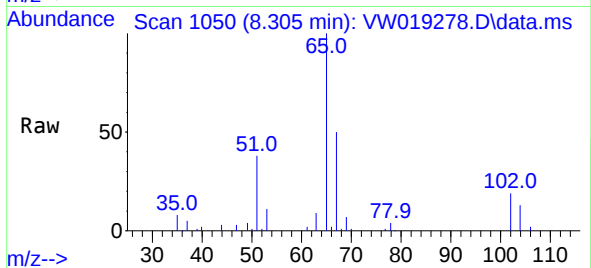
#33
1,2-Dichloroethane-d4
Concen: 58.757 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019278.D
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Tgt Ion: 65 Resp: 26496
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

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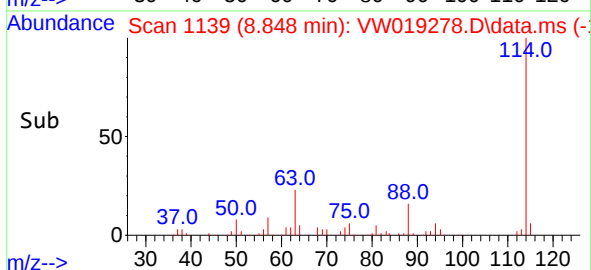
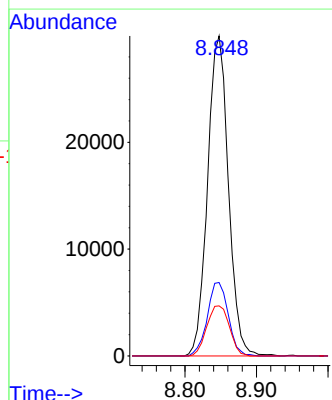
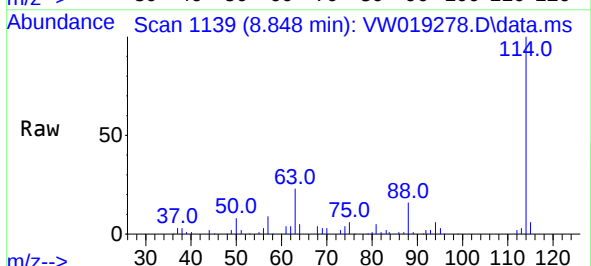
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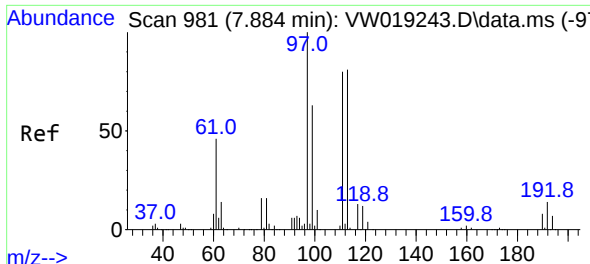
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

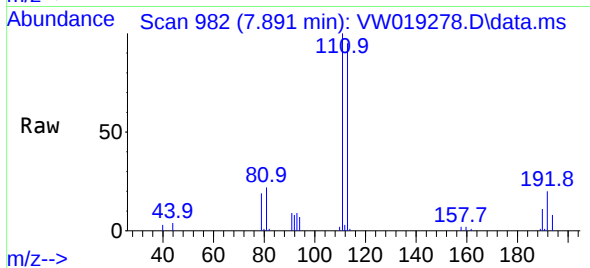
Tgt Ion: 114 Resp: 60649
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.4
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 54.336 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

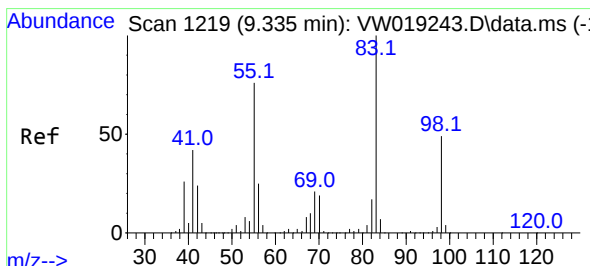
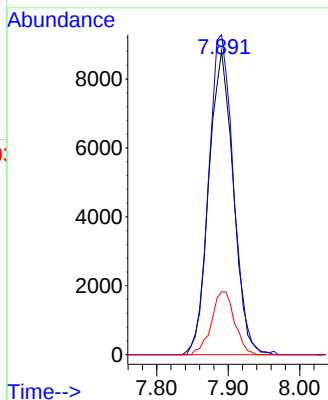
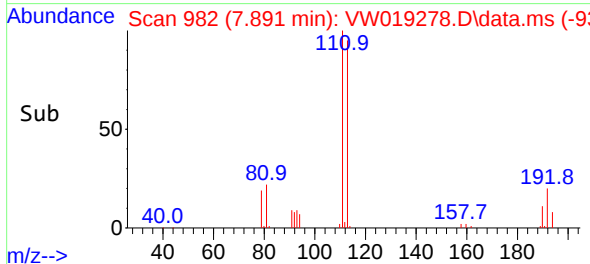
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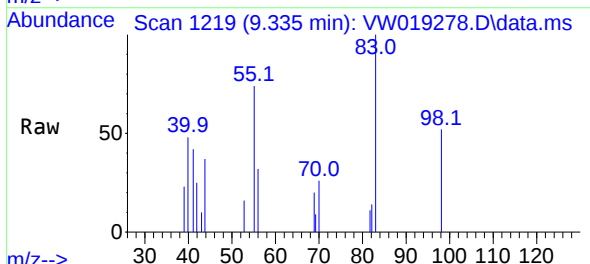
Tgt Ion:113 Resp: 20990
Ion Ratio Lower Upper
113 100
111 105.7 82.3 123.5
192 19.6 15.3 22.9

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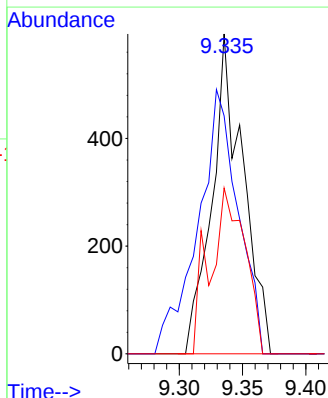
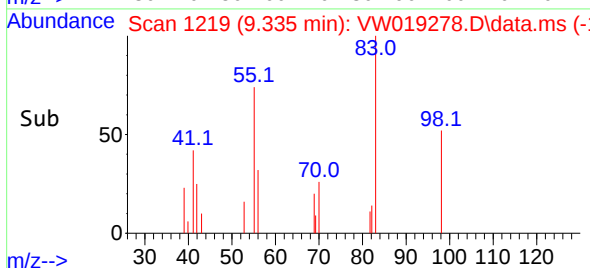
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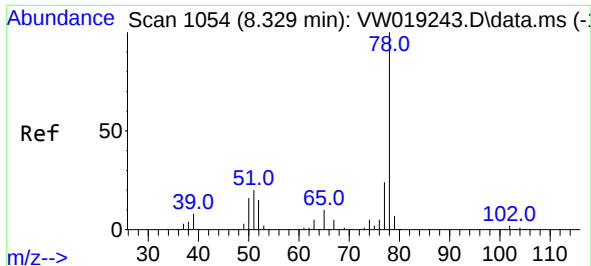


#39
Methylcyclohexane
Concen: 1.331 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019278.D
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Tgt Ion: 83 Resp: 1013
Ion Ratio Lower Upper
83 100
55 74.4 60.9 91.3
98 51.9 38.4 57.6





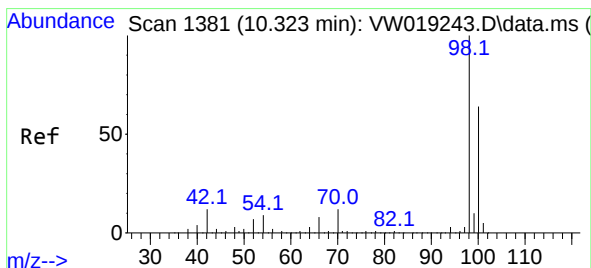
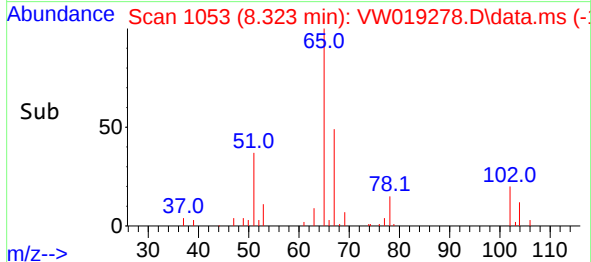
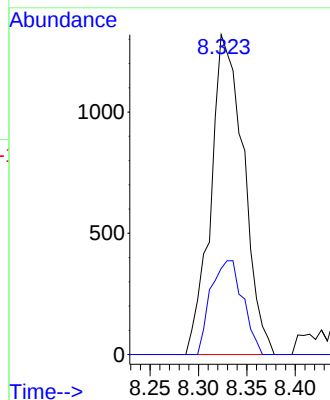
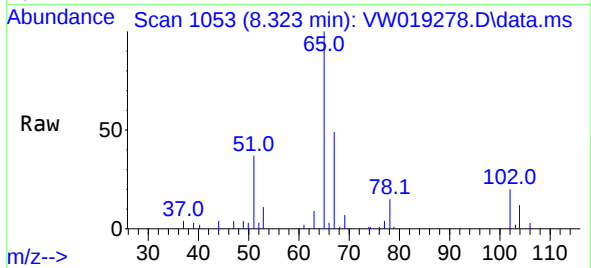
#40
Benzene
Concen: 1.772 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

Tgt Ion: 78 Resp: 3116
Ion Ratio Lower Upper
78 100
77 26.9 19.6 29.4

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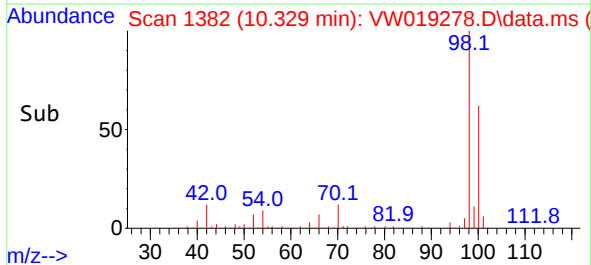
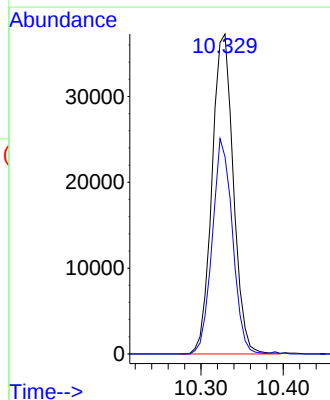
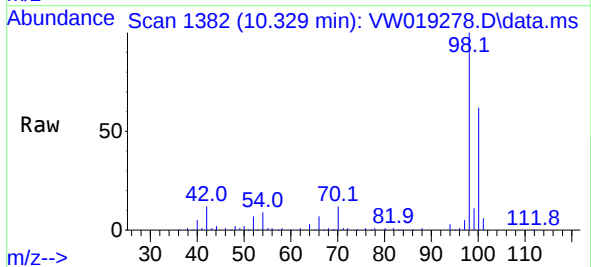
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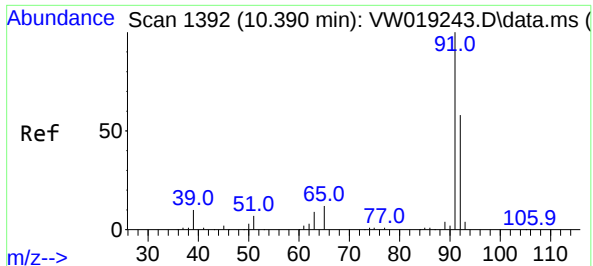
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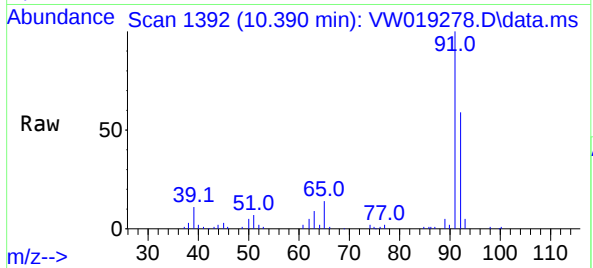
#50
Toluene-d8
Concen: 43.427 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

Tgt Ion: 98 Resp: 67156
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

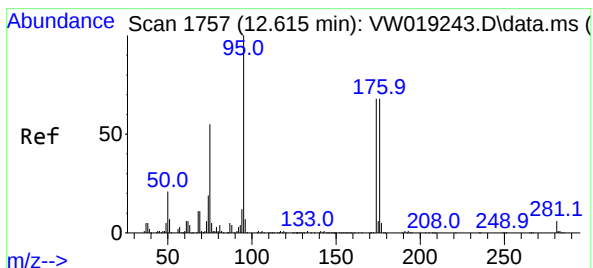
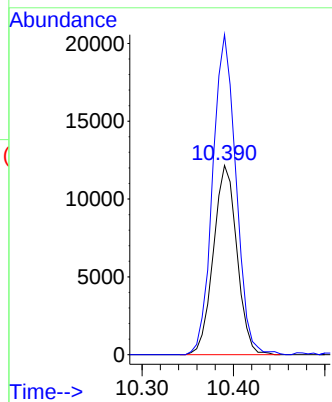
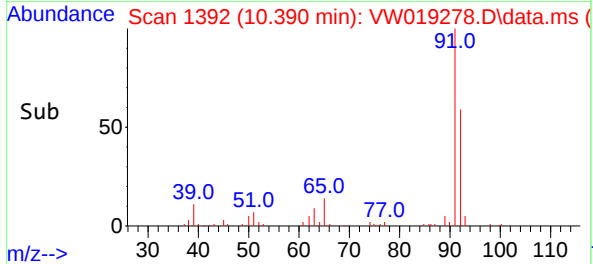




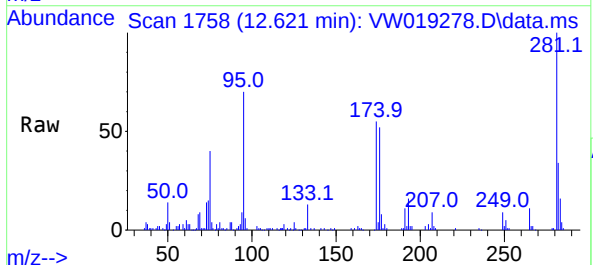
#52
Toluene
Concen: 19.837 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



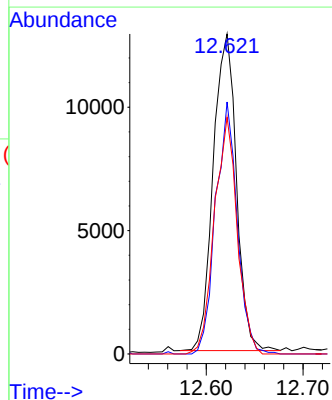
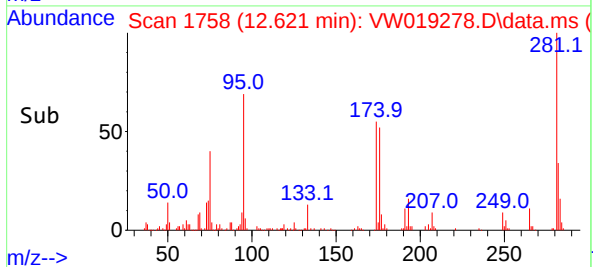
Tgt Ion: 92 Resp: 21706
Ion Ratio Lower Upper
92 100
91 167.8 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 39.555 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



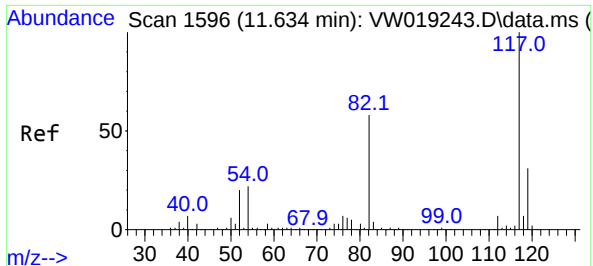
Tgt Ion: 95 Resp: 21393
Ion Ratio Lower Upper
95 100
174 74.0 0.0 156.2
176 73.2 0.0 160.8



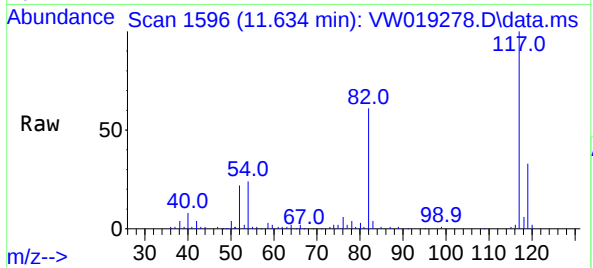
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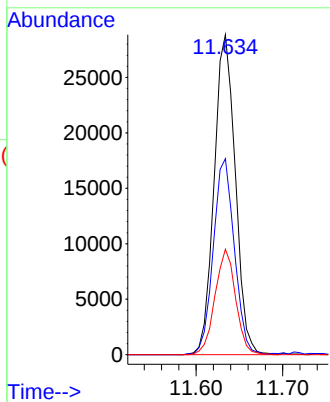
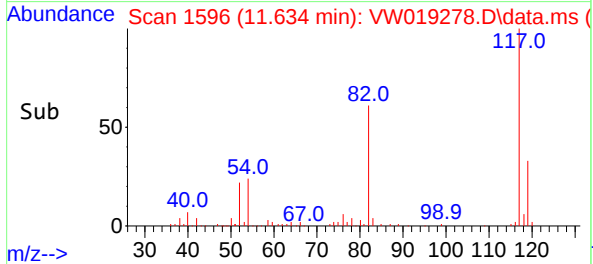
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



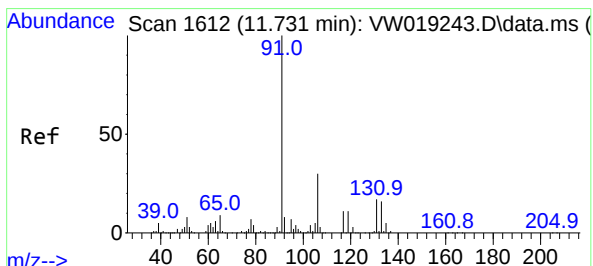
Tgt Ion: 117 Resp: 49018
Ion Ratio Lower Upper
117 100
82 61.2 44.4 66.6
119 32.9 24.6 36.8



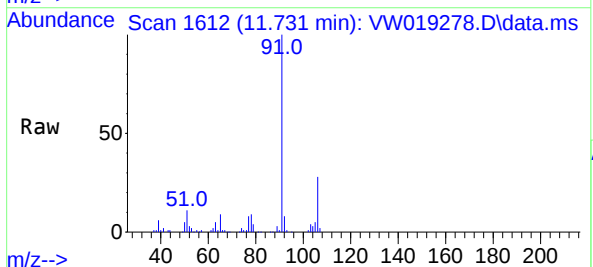
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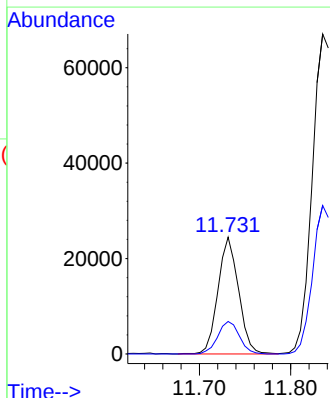
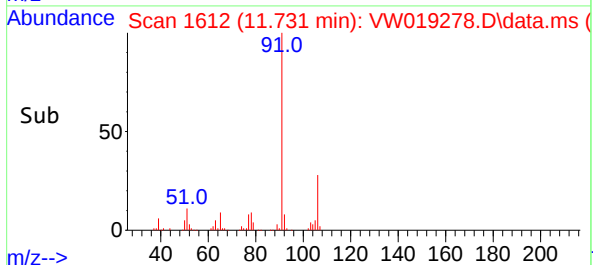
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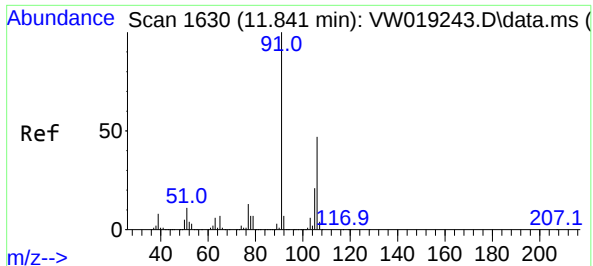


#67
Ethyl Benzene
Concen: 20.387 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



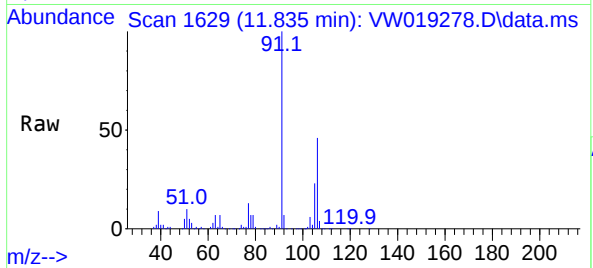
Tgt Ion: 91 Resp: 38352
Ion Ratio Lower Upper
91 100
106 27.8 24.0 36.0





#68
m/p-Xylenes
Concen: 80.410 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

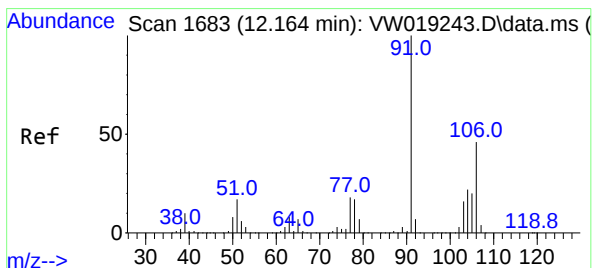
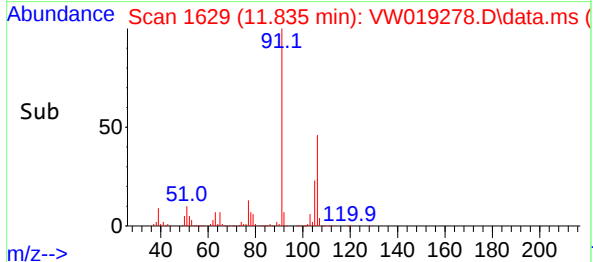
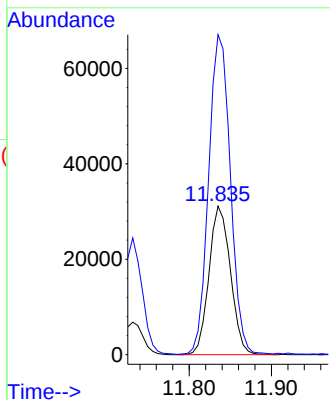
Instrument :
MSVOA_W
ClientSampleId :
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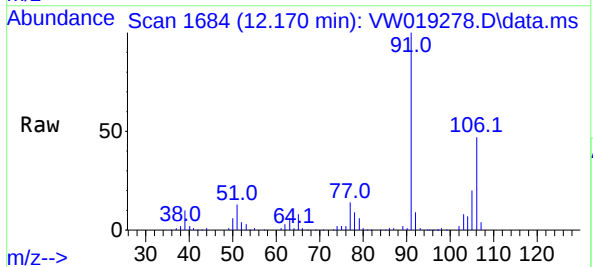
Tgt Ion:106 Resp: 56473
Ion Ratio Lower Upper
106 100
91 217.8 164.2 246.2

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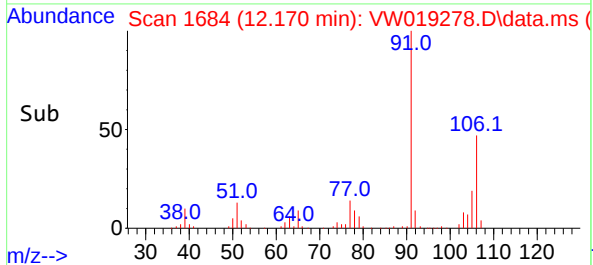
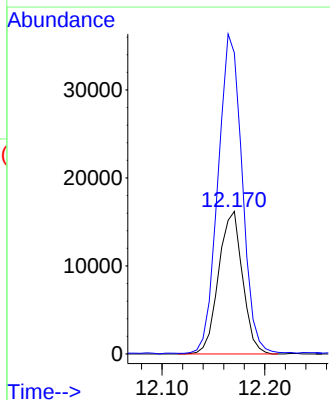
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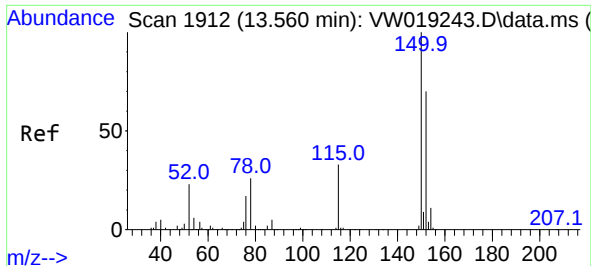


#69
o-Xylene
Concen: 39.762 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

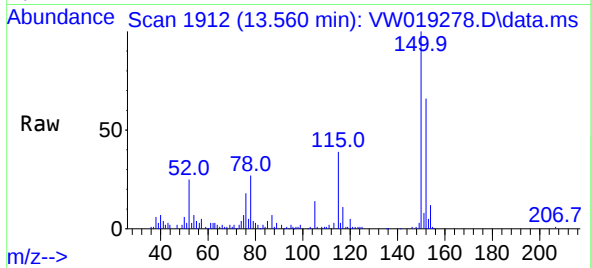


Tgt Ion:106 Resp: 26174
Ion Ratio Lower Upper
106 100
91 225.9 109.1 327.2

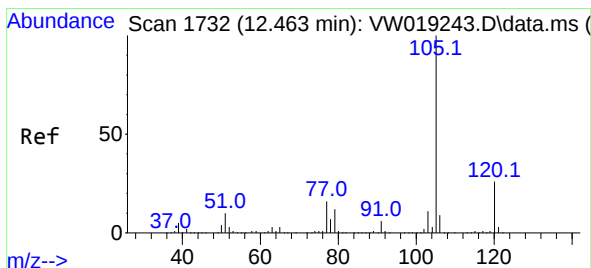
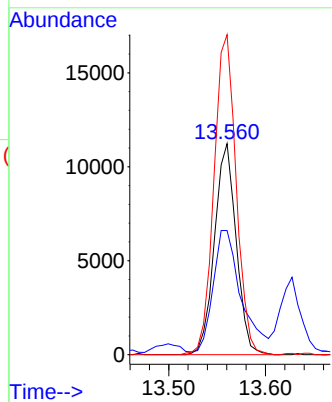
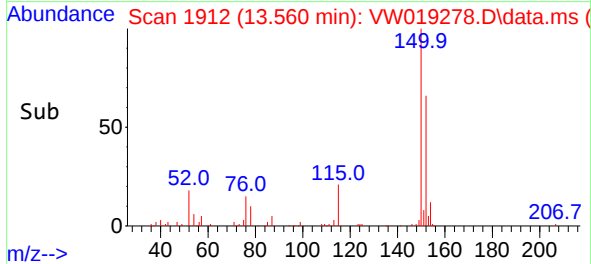




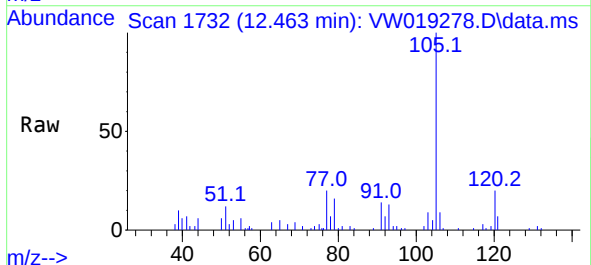
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



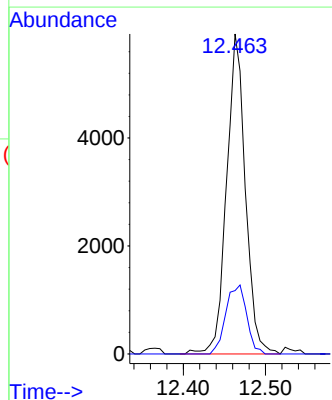
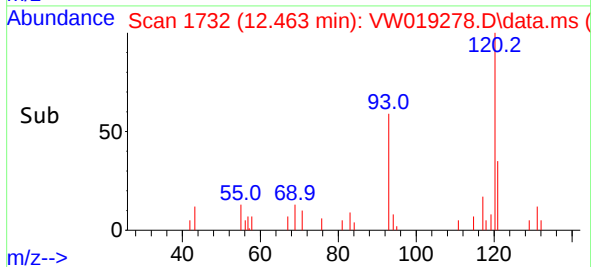
Tgt Ion:152 Resp: 17519
Ion Ratio Lower Upper
152 100
115 73.7 30.3 90.8
150 154.7 0.0 356.0



#73
Isopropylbenzene
Concen: 7.231 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



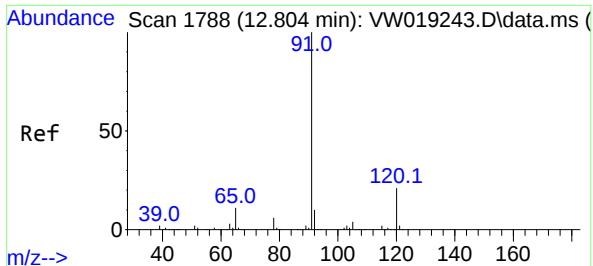
Tgt Ion:105 Resp: 9422
Ion Ratio Lower Upper
105 100
120 23.8 13.2 39.5



Instrument :
MSVOA_W
ClientSampleId :
293-347

Manual Integrations
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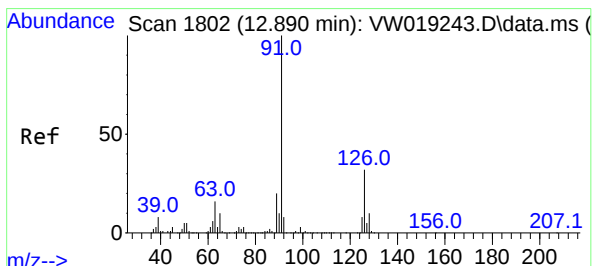
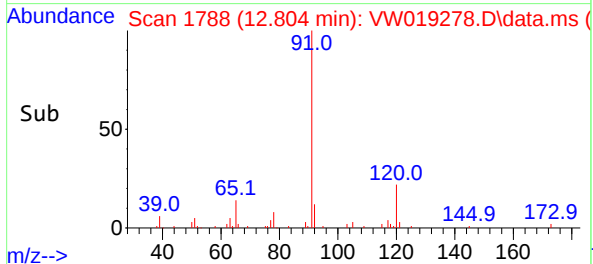
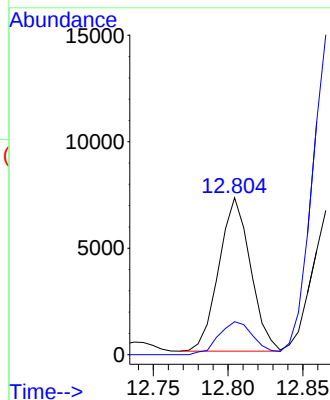
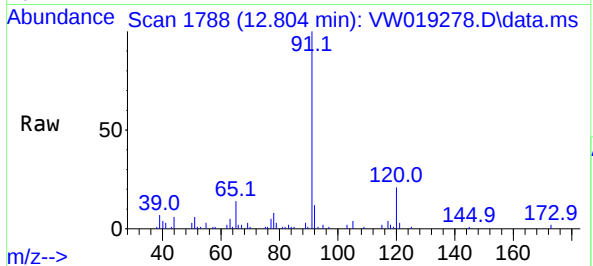
#78
n-propylbenzene
Concen: 6.458 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

Tgt Ion: 91 Resp: 10609
Ion Ratio Lower Upper
91 100
120 24.1 11.1 33.3

Instrument :
MSVOA_W
ClientSampleId :
293-347

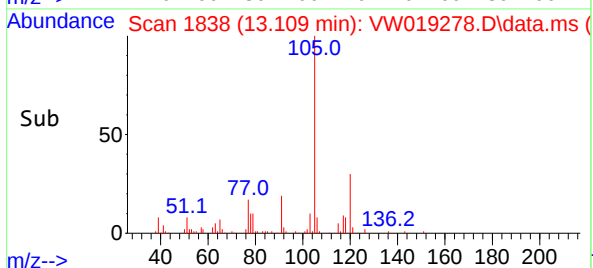
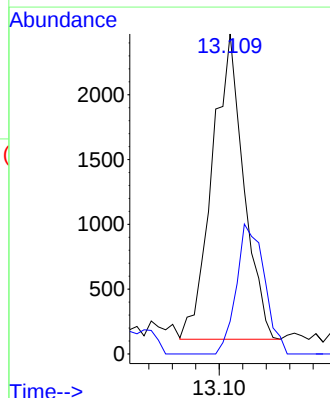
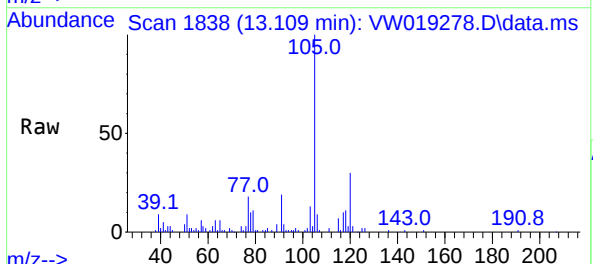
Manual Integrations
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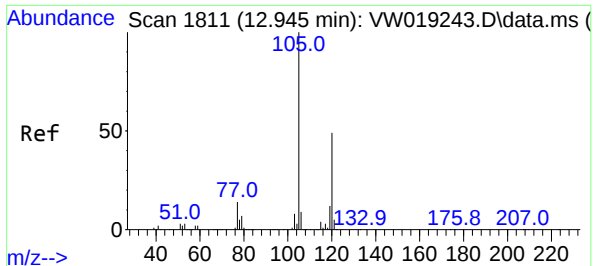
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#79
2-Chlorotoluene
Concen: 4.691 ug/l
RT: 13.109 min Scan# 1838
Delta R.T. 0.219 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

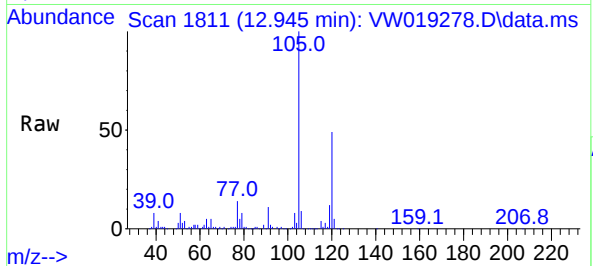
Tgt Ion: 91 Resp: 4405
Ion Ratio Lower Upper
91 100
126 37.7 16.5 49.5





#80
1,3,5-Trimethylbenzene
Concen: 68.440 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

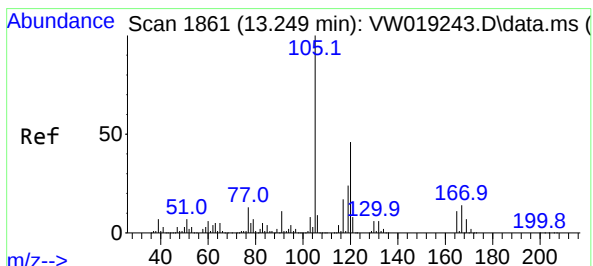
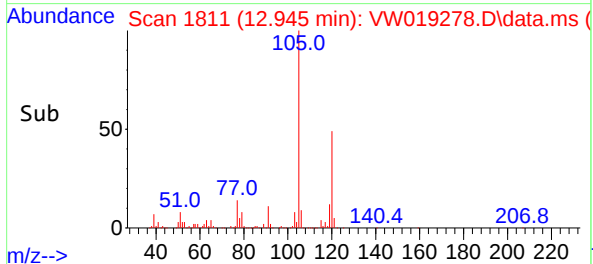
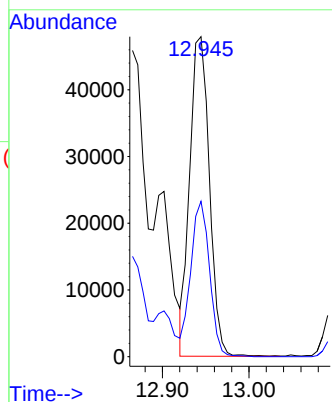
Instrument :
MSVOA_W
ClientSampleId :
293-347



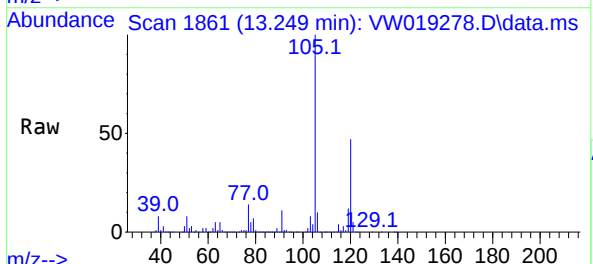
Tgt Ion:105 Resp: 75607
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.2

Manual Integrations
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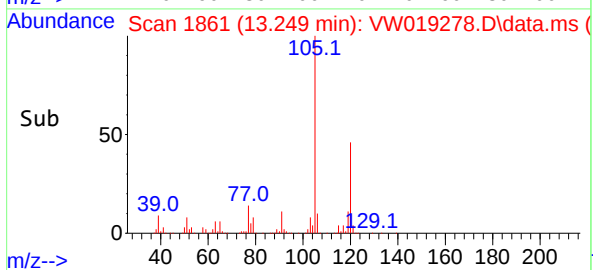
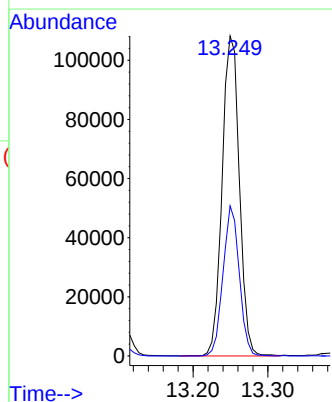
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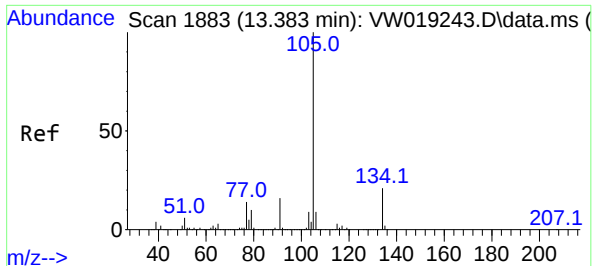


#84
1,2,4-Trimethylbenzene
Concen: 158.609 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



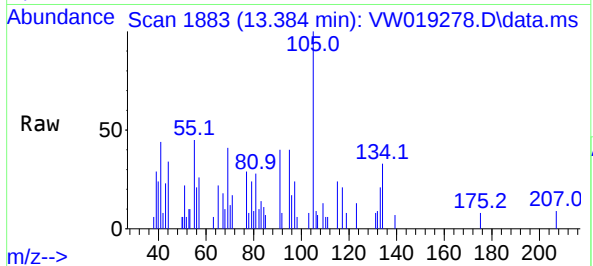
Tgt Ion:105 Resp: 173961
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#85
sec-Butylbenzene
Concen: 1.419 ug/l m
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22

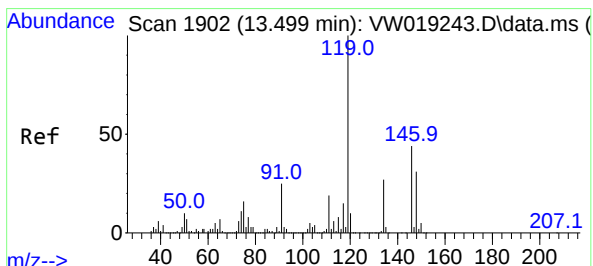
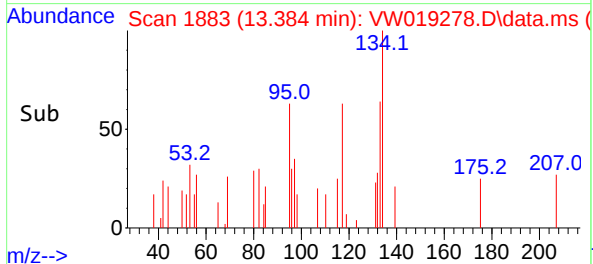
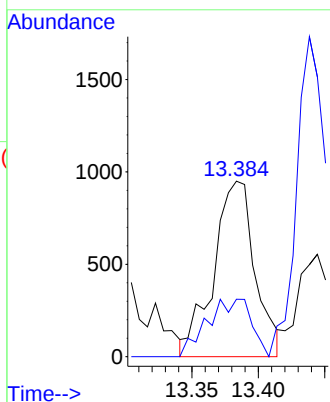
Instrument :
MSVOA_W
ClientSampled :
293-347



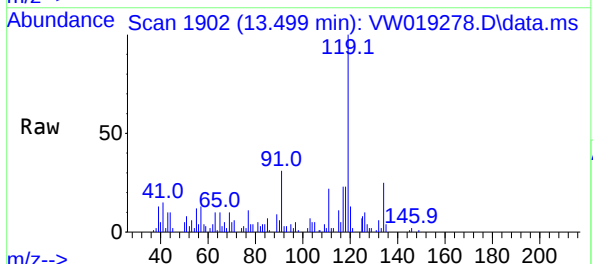
Tgt Ion:105 Resp: 2059
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

Manual Integrations
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MMDadoda
6/23/2021 5:29:32 PM



#86
p-Isopropyltoluene
Concen: 7.119 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019278.D
Acq: 22 Jun 2021 19:22



Tgt Ion:119 Resp: 8404
Ion Ratio Lower Upper
119 100
134 25.0 12.8 38.3
91 33.5 12.1 36.3

