

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019253.D
 Acq On : 21 Jun 2021 17:02
 Operator : SY/VA
 Sample : M2777-02
 Misc : 4.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X-2

Manual Integrations
 APPROVED

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 6/22/2021 6:11:24 PM

Quant Time: Jun 22 03:14:06 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	7.951	168	301142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	568641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	405316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	164096	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	231206	63.291	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.580%	
35) Dibromofluoromethane	7.884	113	188426	52.024	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.040%	
50) Toluene-d8	10.323	98	657763	45.366	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.740%	
62) 4-Bromofluorobenzene	12.615	95	247487	48.805	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.600%	
Target Compounds						Qvalue
18) Methyl Acetate	4.696	43	2264	1.518	ug/l	# 86
39) Methylcyclohexane	9.335	83	228714	32.042	ug/l	98
67) Ethyl Benzene	11.731	91	83872	5.392	ug/l	97
69) o-Xylene	12.164	106	502668	92.352	ug/l	99
73) Isopropylbenzene	12.463	105	500139	40.980	ug/l	99
78) n-propylbenzene	12.804	91	367129	23.859	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	1931459	186.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	812634	79.101	ug/l	100
85) sec-Butylbenzene	13.383	105	2811959	206.932	ug/l	97
86) p-Isopropyltoluene	13.499	119	1110522	100.433	ug/l	98
89) n-Butylbenzene	13.822	91	417649m	37.552	ug/l	

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

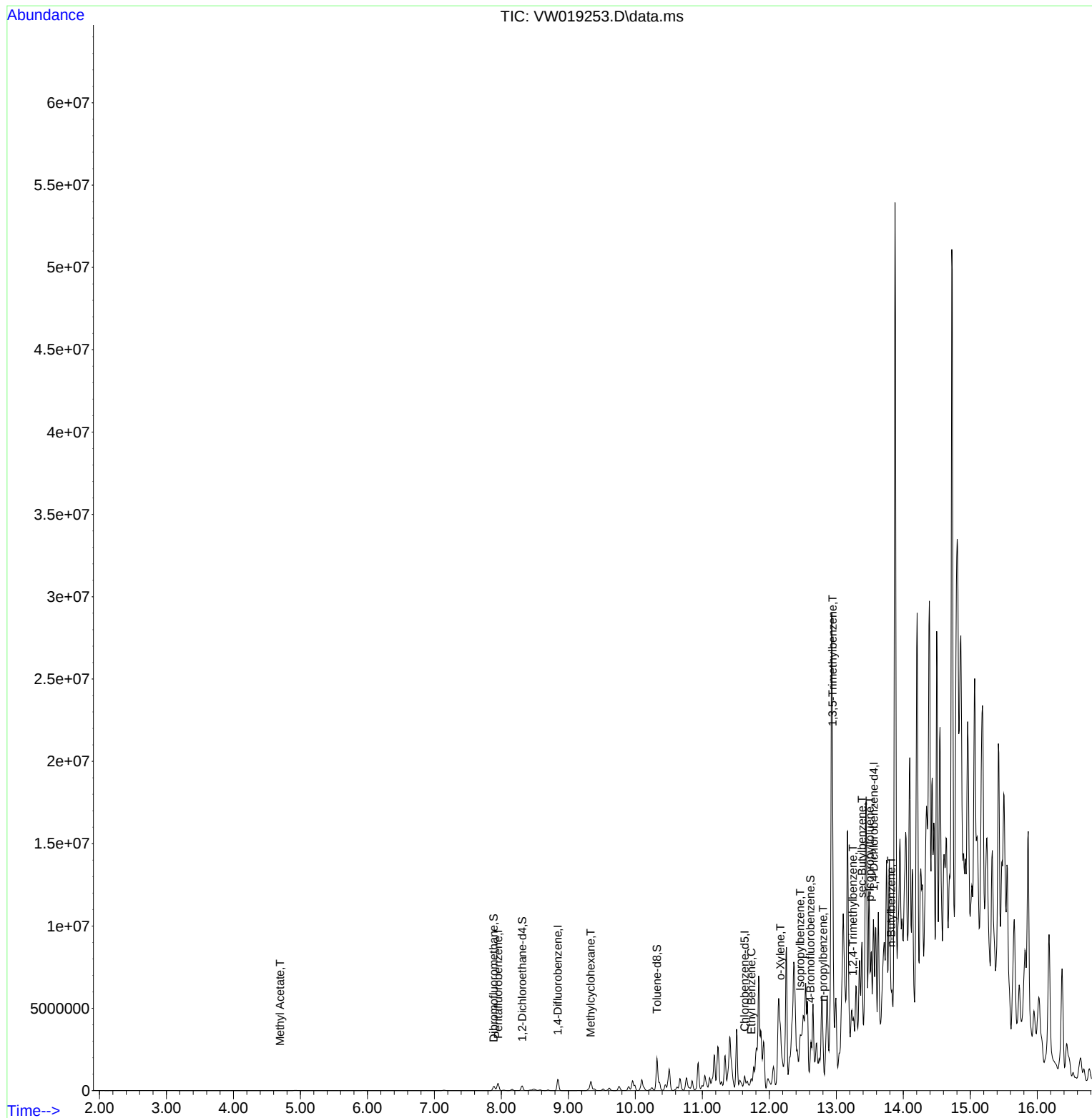
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
Data File : VW019253.D
Acq On : 21 Jun 2021 17:02
Operator : SY/VA
Sample : M2777-02
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ALS Vial : 19 Sample Multiplier: 1

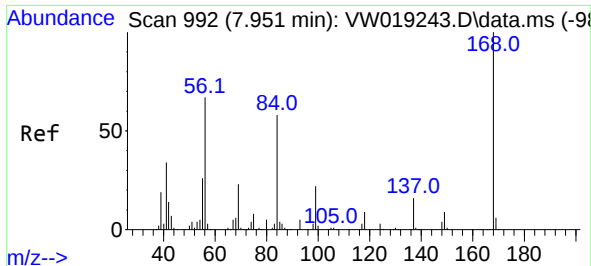
Instrument :
MSVOA_W
ClientSampleId :
X-2

Manual Integrations
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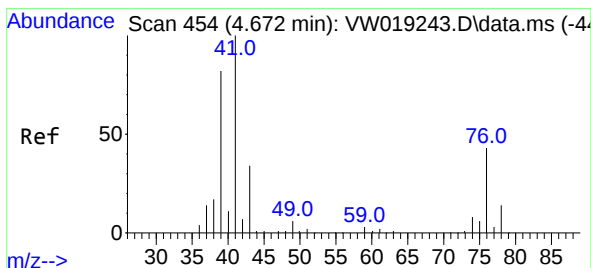
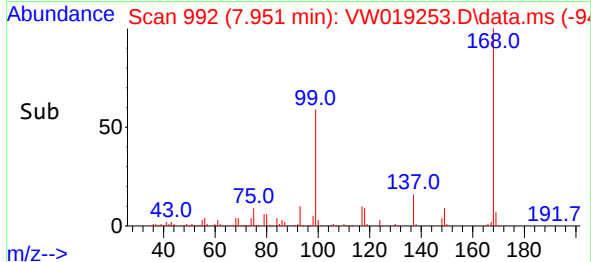
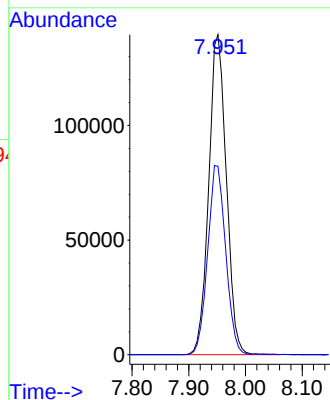
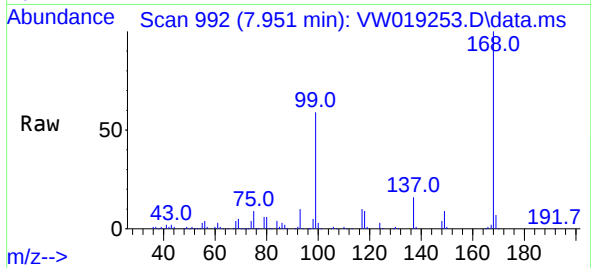
Quant Time: Jun 22 03:14:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration





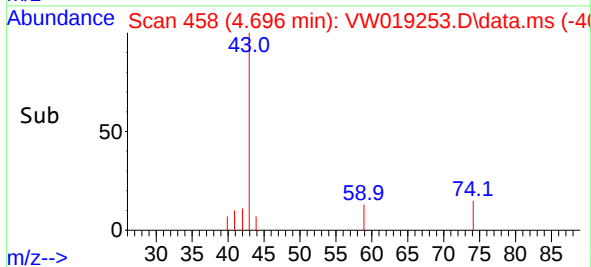
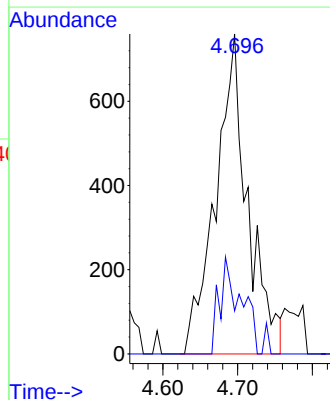
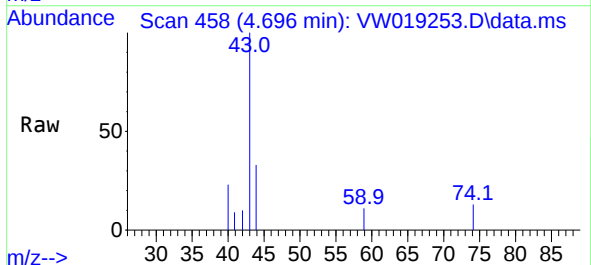
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 168 Resp: 301142
Ion Ratio Lower Upper
168 100
99 58.9 48.8 73.2



#18
Methyl Acetate
Concen: 1.518 ug/l
RT: 4.696 min Scan# 458
Delta R.T. 0.024 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

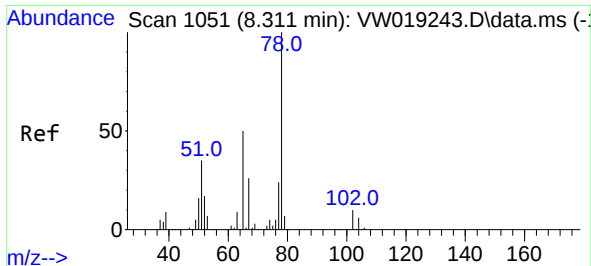
Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
74 20.2 21.8 32.8#



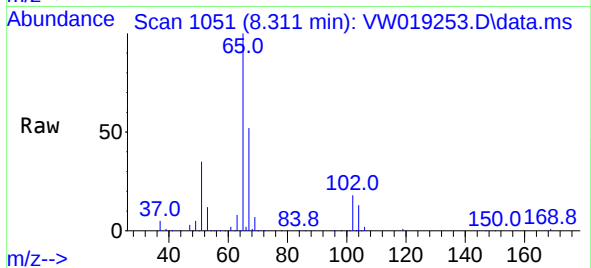
Instrument :
MSVOA_W
ClientSampleId :
X-2

Manual Integrations
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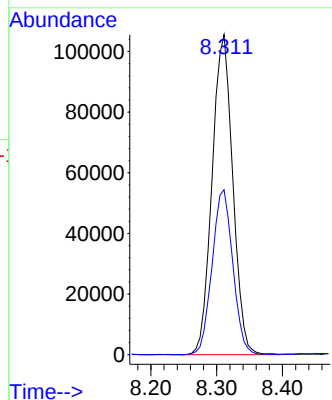
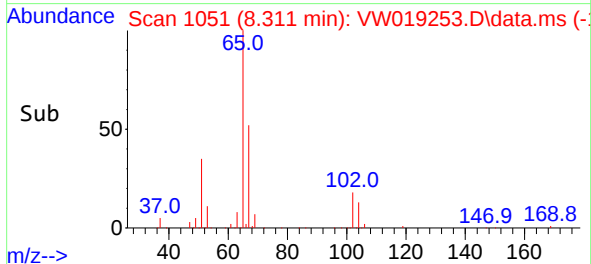
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#33
1,2-Dichloroethane-d4
Concen: 63.291 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



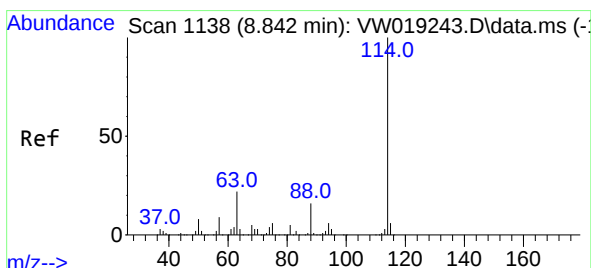
Tgt Ion: 65 Resp: 231206
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0



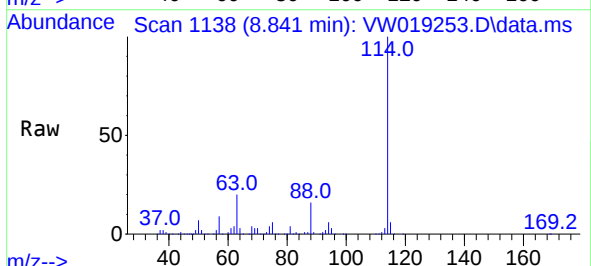
Instrument :
MSVOA_W
ClientSampled :
X-2

Manual Integrations
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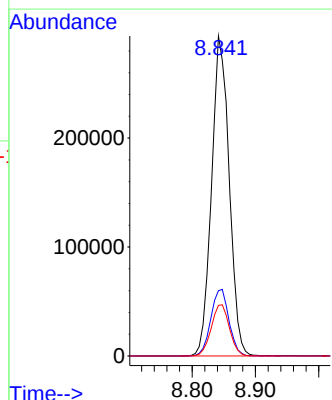
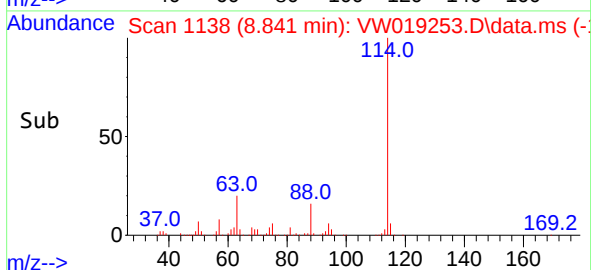
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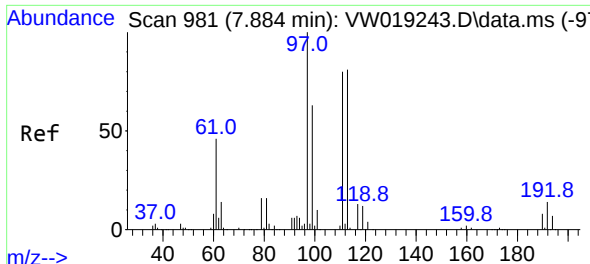


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



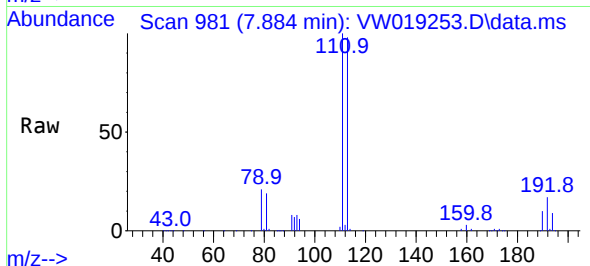
Tgt Ion: 114 Resp: 568641
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.024 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

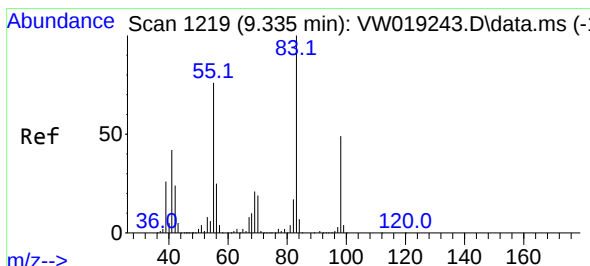
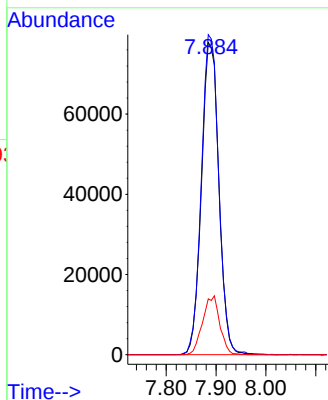
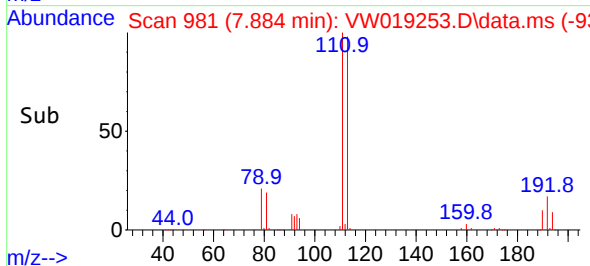
Instrument :
MSVOA_W
ClientSampled :
X-2



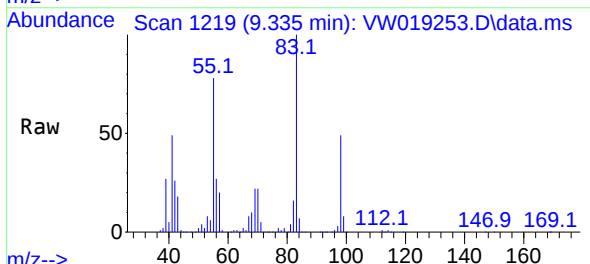
Tgt Ion:113 Resp: 188426
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 18.6 15.3 22.9

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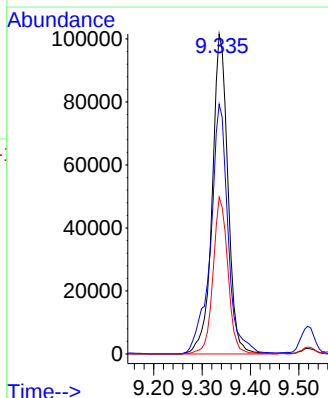
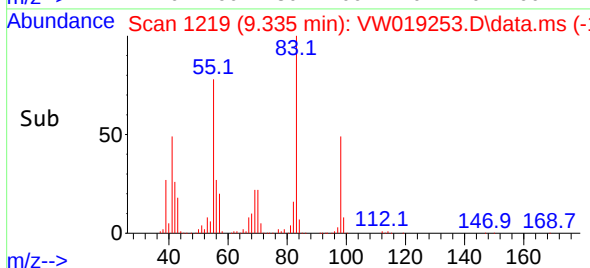
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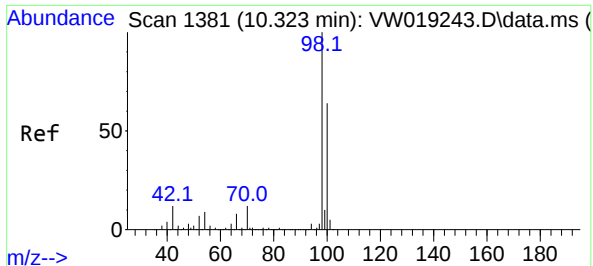


#39
Methylcyclohexane
Concen: 32.042 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

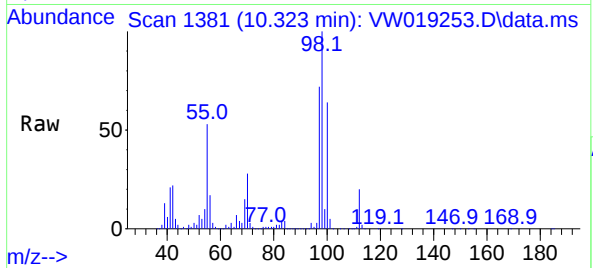


Tgt Ion: 83 Resp: 228714
Ion Ratio Lower Upper
83 100
55 78.1 60.9 91.3
98 49.0 38.4 57.6

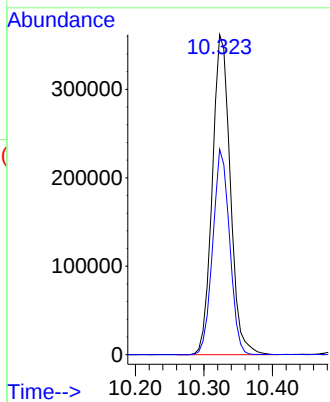
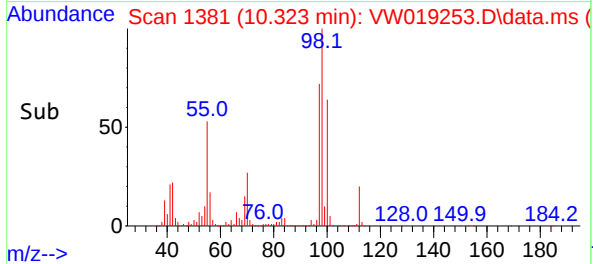




#50
Toluene-d8
Concen: 45.366 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



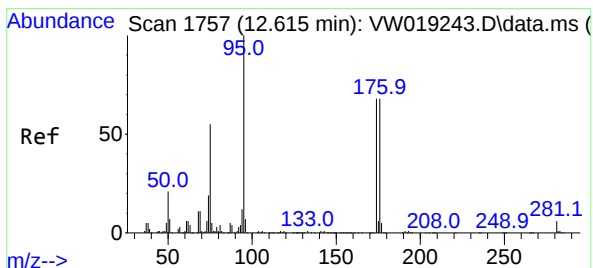
Tgt Ion: 98 Resp: 657763
Ion Ratio Lower Upper
98 100
100 60.2 52.0 78.0



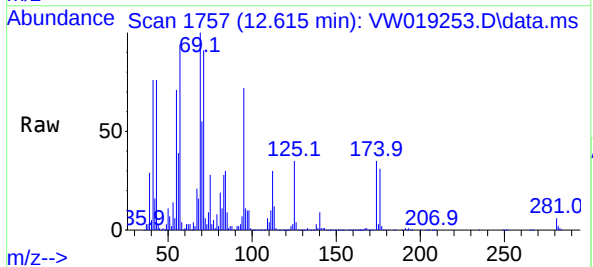
Instrument :
MSVOA_W
ClientSampled :
X-2

Manual Integrations
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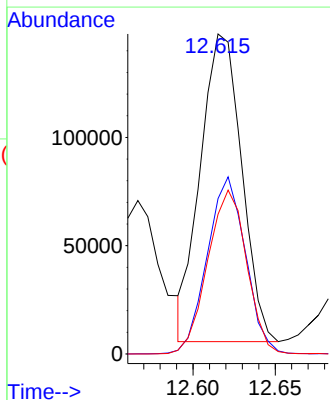
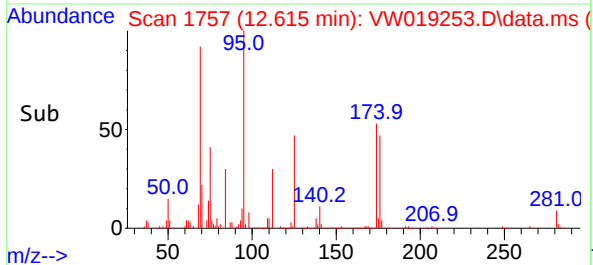
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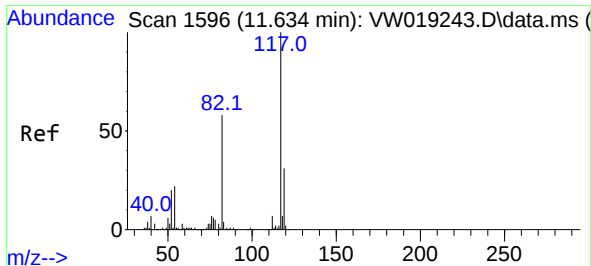


#62
4-Bromofluorobenzene
Concen: 48.805 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

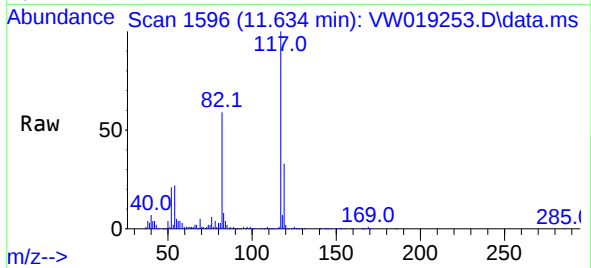


Tgt Ion: 95 Resp: 247487
Ion Ratio Lower Upper
95 100
174 53.6 0.0 156.2
176 50.5 0.0 160.8

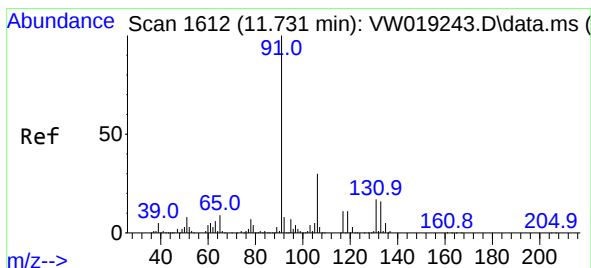
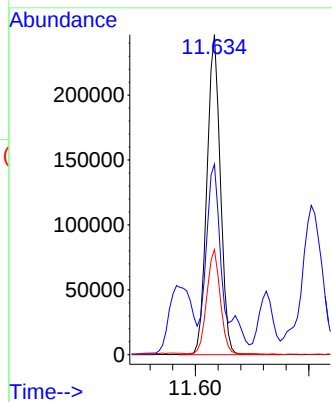
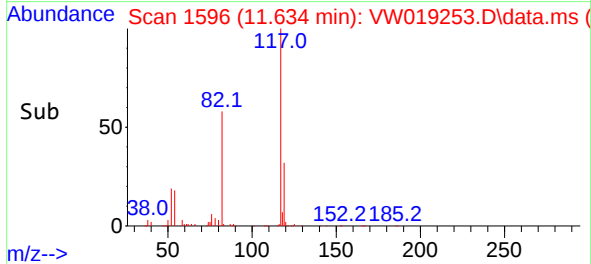




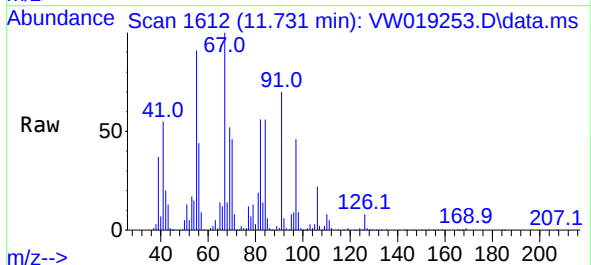
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



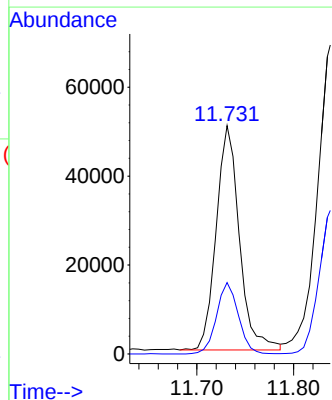
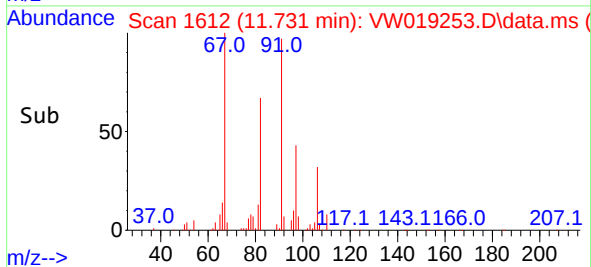
Tgt Ion: 117 Resp: 405316
Ion Ratio Lower Upper
117 100
82 55.2 44.4 66.6
119 32.7 24.6 36.8



#67
Ethyl Benzene
Concen: 5.392 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



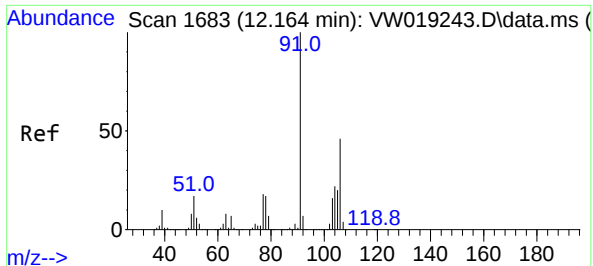
Tgt Ion: 91 Resp: 83872
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



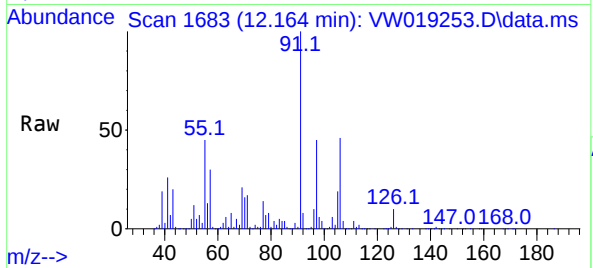
Instrument :
MSVOA_W
ClientSampled :
X-2

Manual Integrations
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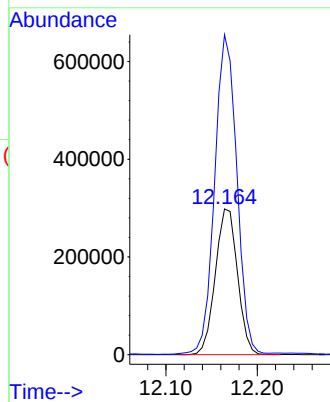
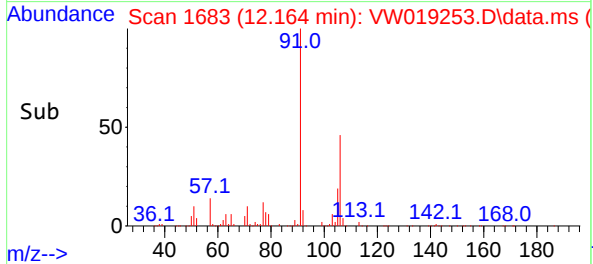
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#69
o-Xylene
Concen: 92.352 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



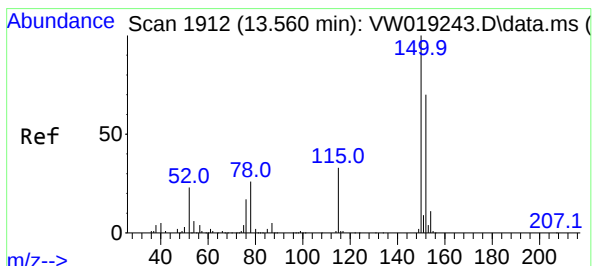
Tgt Ion:106 Resp: 502668
Ion Ratio Lower Upper
106 100
91 219.2 109.1 327.2



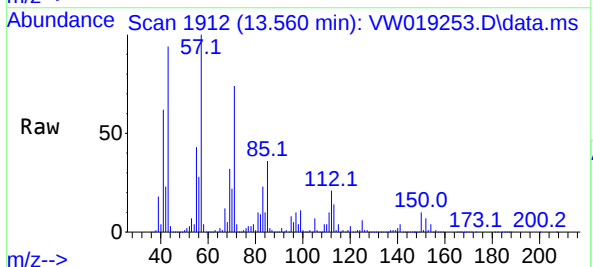
Instrument :
MSVOA_W
ClientSampled :
X-2

Manual Integrations
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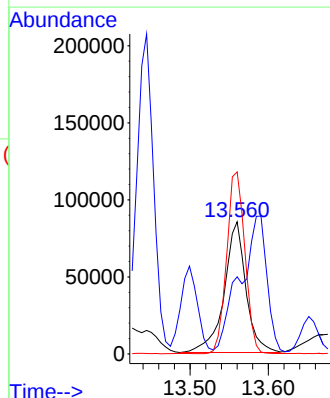
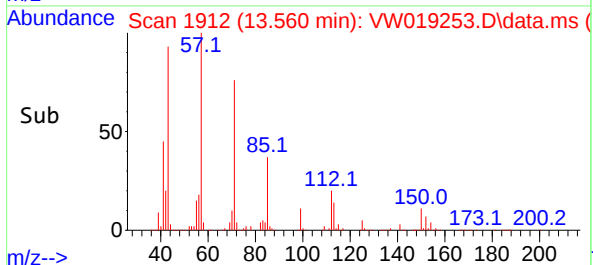
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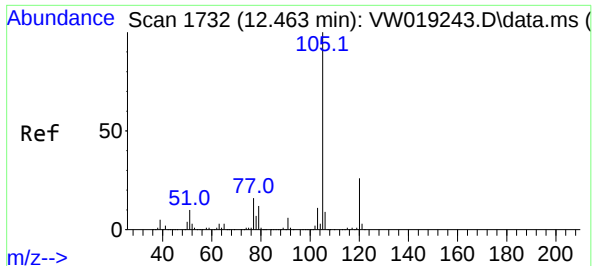


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



Tgt Ion:152 Resp: 164096
Ion Ratio Lower Upper
152 100
115 0.0 30.3 90.8#
150 116.4 0.0 356.0





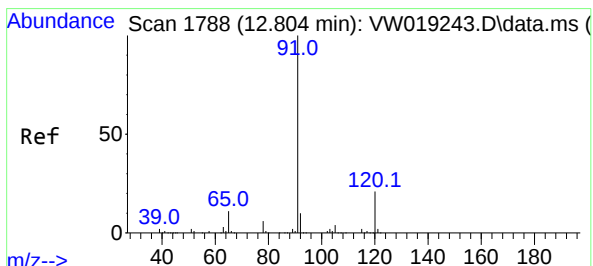
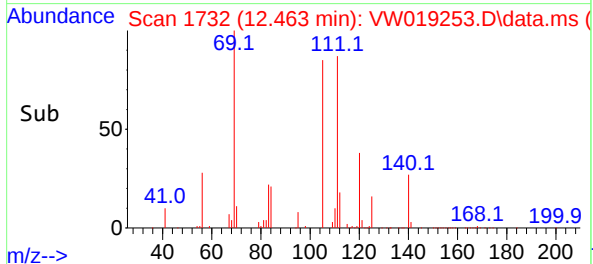
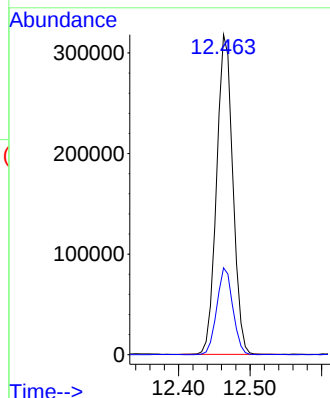
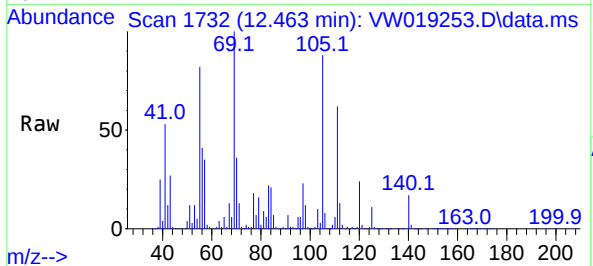
#73
Isopropylbenzene
Concen: 40.980 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 105 Resp: 500139
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5

Instrument :
MSVOA_W
ClientSampled :
X-2

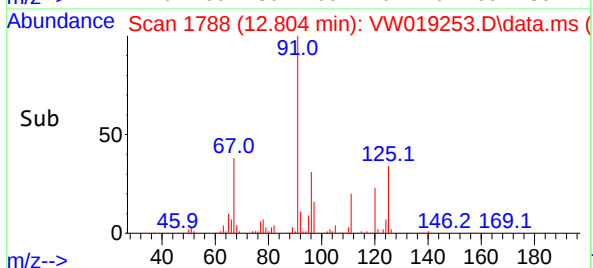
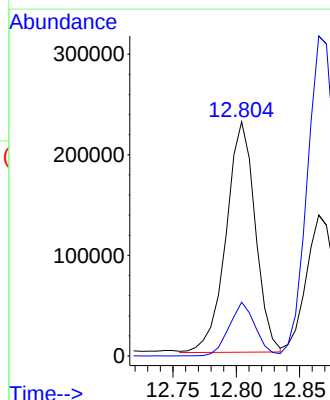
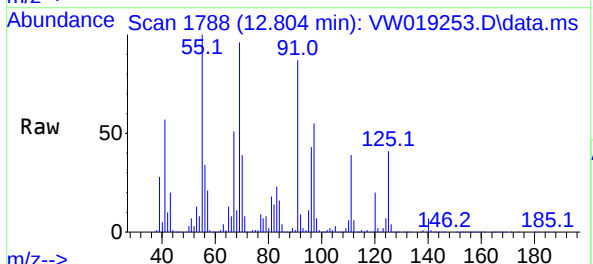
Manual Integrations
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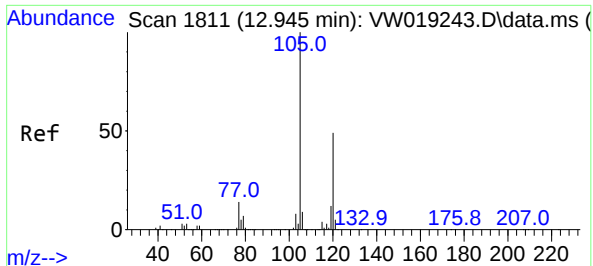
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#78
n-propylbenzene
Concen: 23.859 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

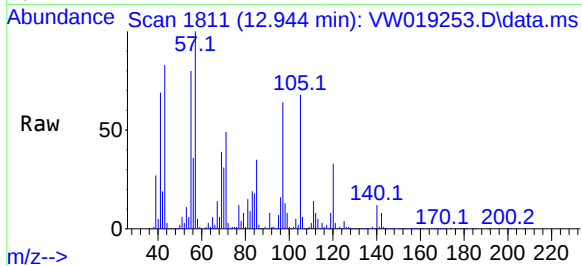
Tgt Ion: 91 Resp: 367129
Ion Ratio Lower Upper
91 100
120 21.0 11.1 33.3





#80
1,3,5-Trimethylbenzene
Concen: 186.656 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.001 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

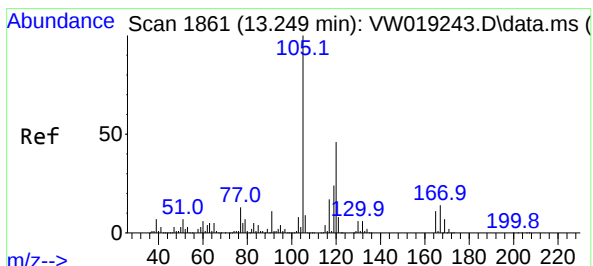
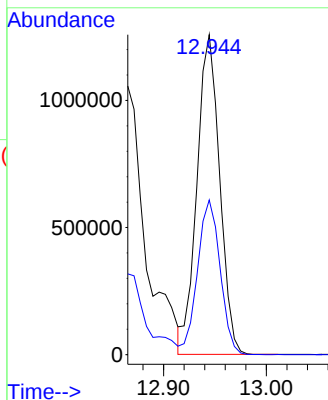
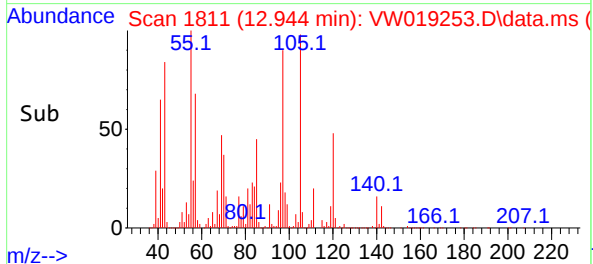
Instrument :
MSVOA_W
ClientSampled :
X-2



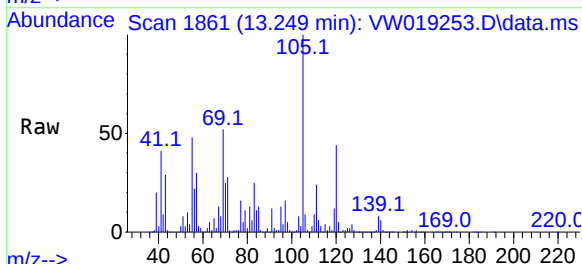
Tgt Ion:105 Resp: 1931459
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2

Manual Integrations
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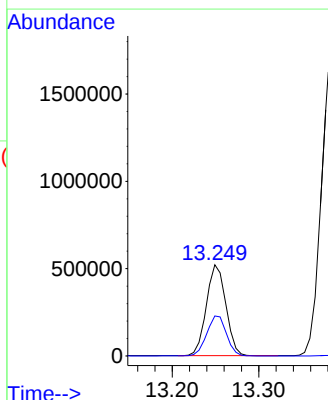
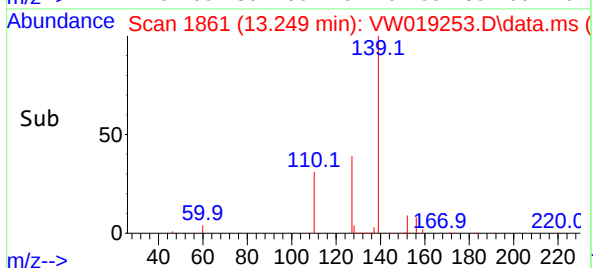
MMDadoda
6/22/2021 6:11:24 PM

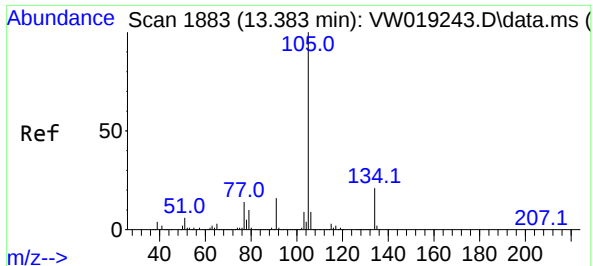


#84
1,2,4-Trimethylbenzene
Concen: 79.101 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



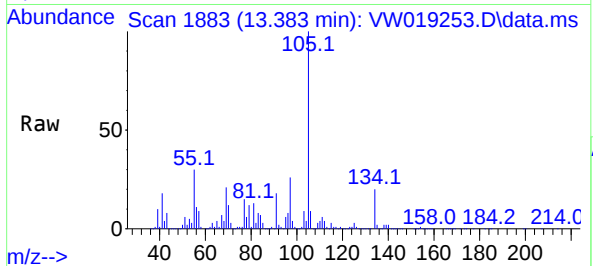
Tgt Ion:105 Resp: 812634
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





#85
sec-Butylbenzene
Concen: 206.932 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02

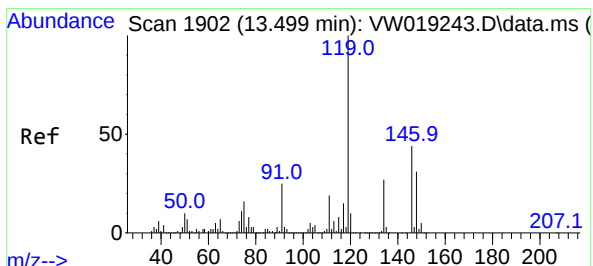
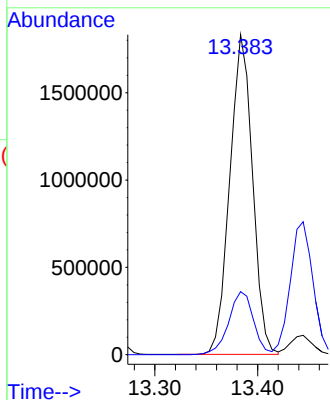
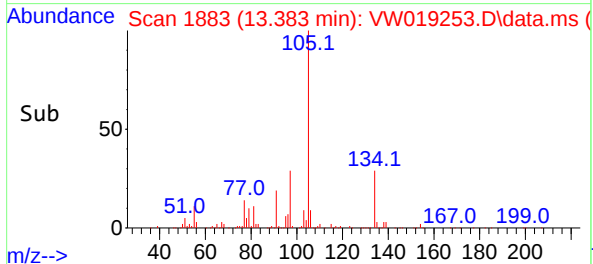
Instrument :
MSVOA_W
ClientSampled :
X-2



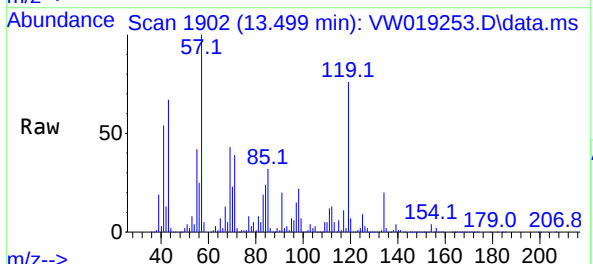
Tgt Ion:105 Resp: 2811959
Ion Ratio Lower Upper
105 100
134 21.5 10.1 30.1

Manual Integrations
APPROVED

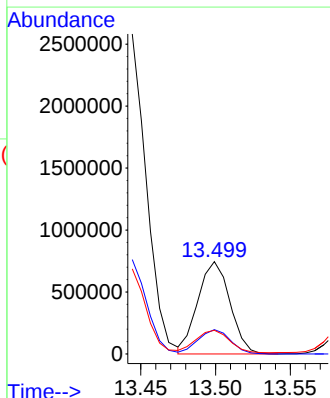
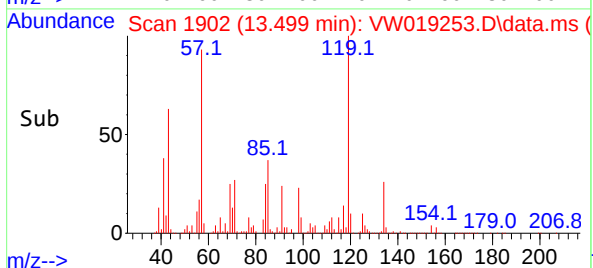
MMDadoda
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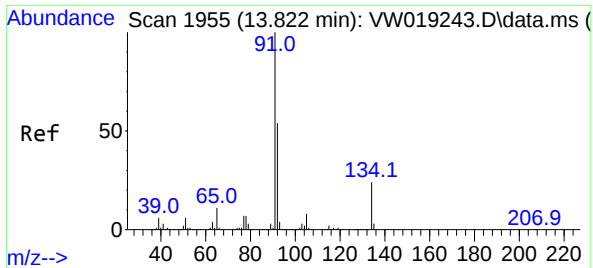


#86
p-Isopropyltoluene
Concen: 100.433 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019253.D
Acq: 21 Jun 2021 17:02



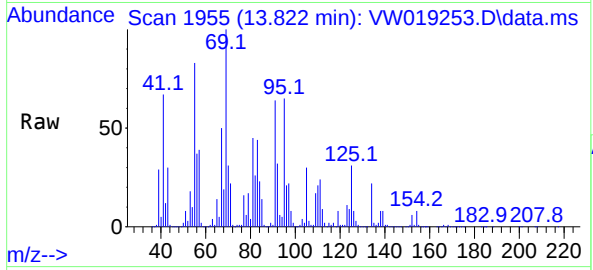
Tgt Ion:119 Resp: 1110522
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.3
91 24.9 12.1 36.3





#89
 n-Butylbenzene
 Concen: 37.552 ug/l m
 RT: 13.822 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VW019253.D
 Acq: 21 Jun 2021 17:02

Instrument :
 MSVOA_W
 ClientSampleId :
 X-2



Tgt Ion: 91 Resp: 417649

Ion	Ratio	Lower	Upper
91	100		
92	26.9	26.6	79.8
134	533.9	12.7	38.0#

Manual Integrations
 APPROVED
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