

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018904.D
 Acq On : 03 May 2021 17:21
 Operator : SY/VA
 Sample : M2209-17
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7F2

Manual Integrations
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Quant Time: May 04 01:18:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	520832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.646	117	326427	25.00	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	13.560	152	145295	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144853	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.72%		
7) Chloroethane-d5	2.891	69	123741	23.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.60%		
11) 1,1-Dichloroethene-d2	4.031	63	217596	16.40	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.60%		
21) 2-Butanone-d5	7.086	46	88673	50.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.90%		
24) Chloroform-d	7.653	84	313558	22.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.76%		
26) 1,2-Dichloroethane-d4	8.311	65	185527	24.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.20%		
32) Benzene-d6	8.275	84	618855	33.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	134.20%		
36) 1,2-Dichloropropane-d6	9.281	67	184235	33.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	134.68%#		
41) Toluene-d8	10.329	98	531506	30.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	123.60%		
43) trans-1,3-Dichloroprop...	10.585	79	77974	31.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	125.44%		
47) 2-Hexanone-d5	11.024	63	653	0.67	ug/L	0.10
Spiked Amount 50.000	Range 20 - 135		Recovery =	1.34%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	125492	27.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.28%		
66) 1,2-Dichlorobenzene-d4	13.853	152	116303	23.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.44%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	15350	11.51	ug/L	99
14) Carbon disulfide	4.397	76	35494	1.78	ug/L	97
16) Methylene chloride	4.934	84	24541	2.85	ug/L	87
22) 2-Butanone	7.189	43	10499	5.68	ug/L	86
33) Benzene	8.323	78	43334	2.22	ug/L	100
34) Trichloroethene	9.092	95	571315	109.57	ug/L	92
42) Toluene	10.396	91	31017	1.44	ug/L	97
46) Tetrachloroethene	10.860	164	23956042m	6109.79	ug/L	
52) Ethylbenzene	11.744	91	22207	0.93	ug/L	90
53) m,p-Xylene	11.841	106	25660	2.90	ug/L	79
54) o-Xylene	12.170	106	14691	1.74	ug/L	90
60) Isopropylbenzene	12.469	105	12583	0.61	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	88408	5.11	ug/L	95
63) 1,2,4-Trimethylbenzene	13.255	105	273481	15.79	ug/L	98
65) 1,4-Dichlorobenzene	13.585	146	48280	5.47	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	54674	6.90	ug/L	96

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

Instrument :
MSVOA_W
ClientSampleId :
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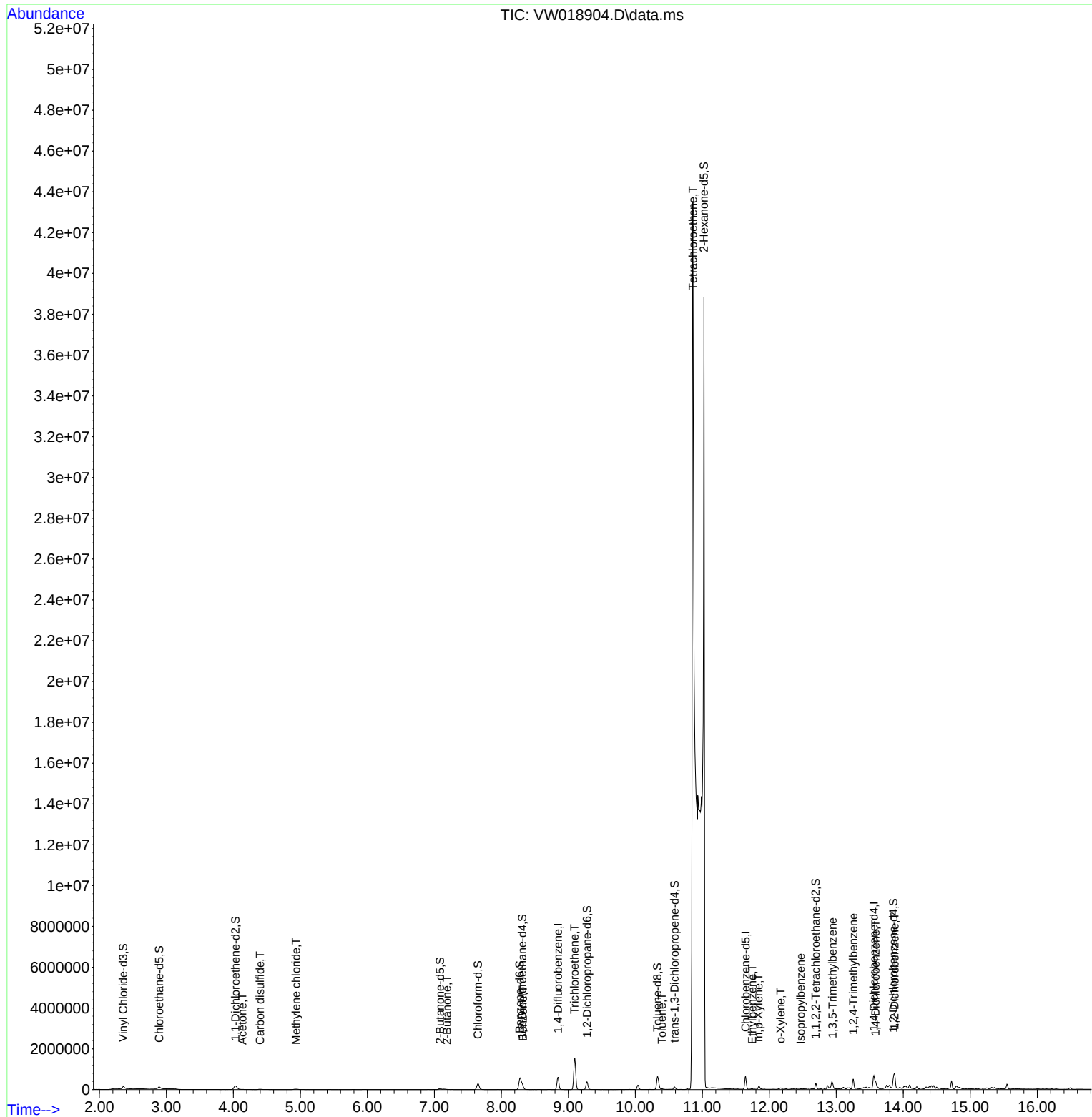
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Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
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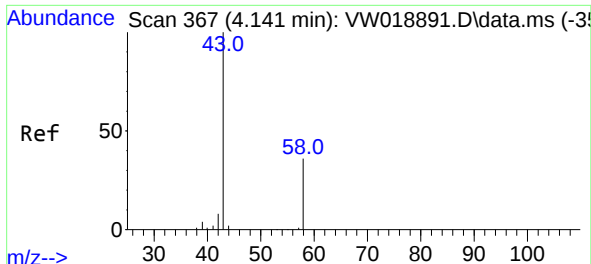
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MSVOA_W
ClientSampleId :
BG7F2

Manual Integrations
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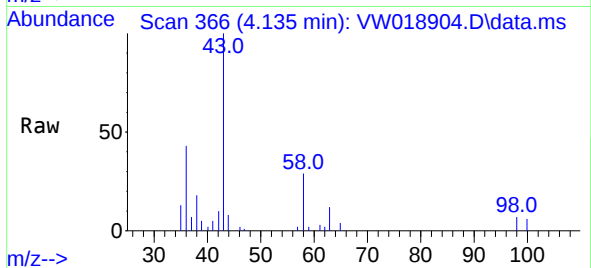
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Quant Title : SFAM01.0
QLast Update : Tue May 04 01:15:32 2021
Response via : Initial Calibration





#13
Acetone
Concen: 11.51 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

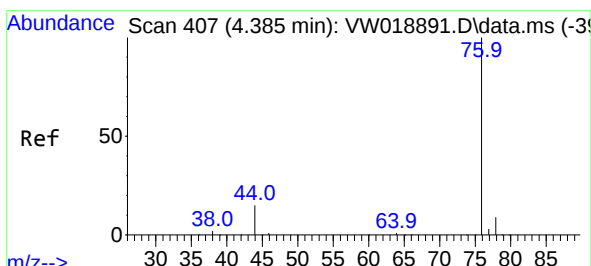
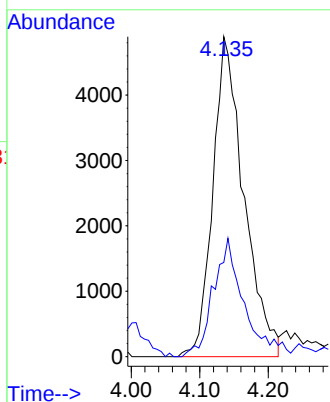
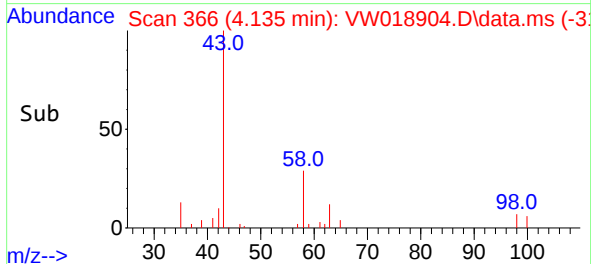
Instrument :
MSVOA_W
ClientSampled :
BG7F2



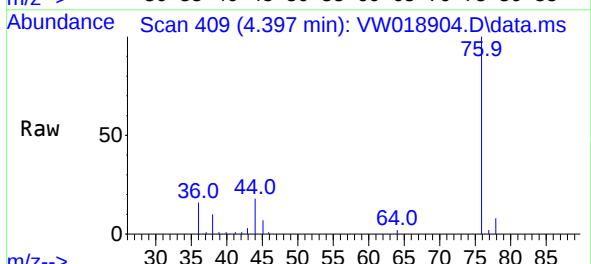
Tgt Ion: 43 Resp: 15350
Ion Ratio Lower Upper
43 100
58 27.4 0.0 53.8

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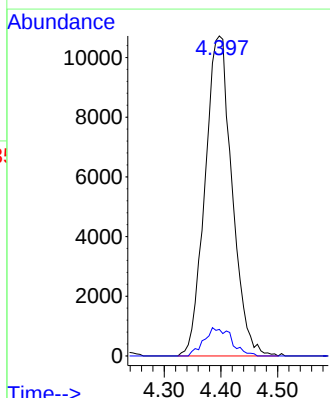
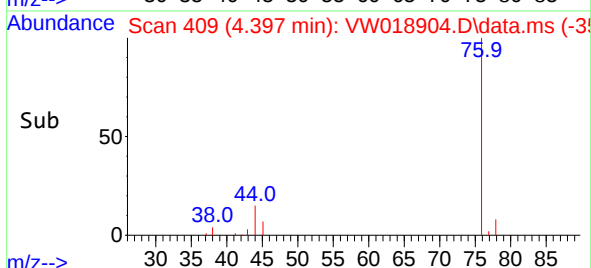
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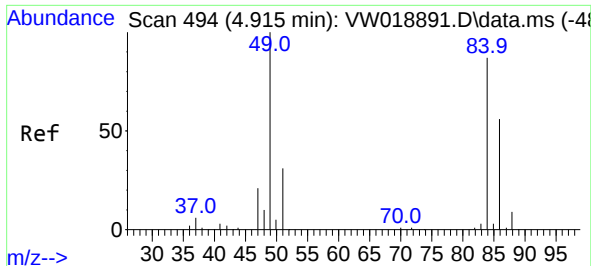


#14
Carbon disulfide
Concen: 1.78 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21



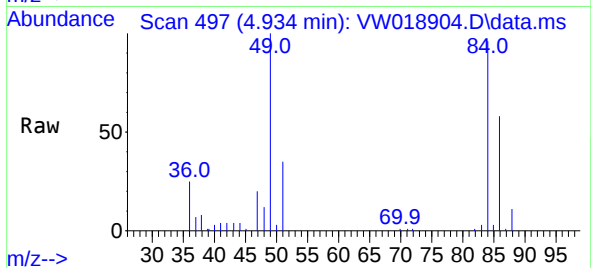
Tgt Ion: 76 Resp: 35494
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0





#16
Methylene chloride
Concen: 2.85 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.019 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

Instrument :
MSVOA_W
ClientSampled :
BG7F2

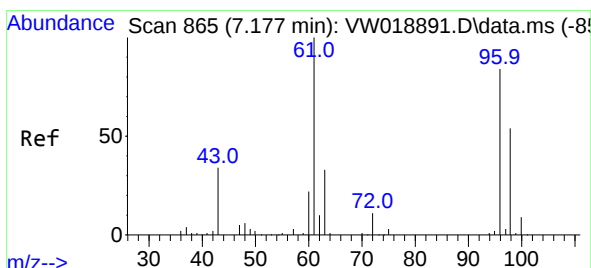
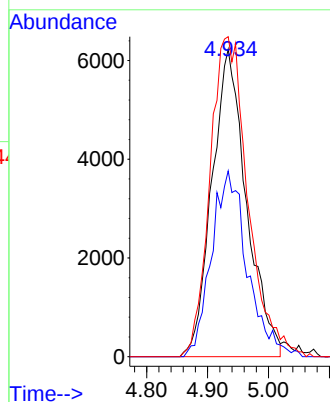
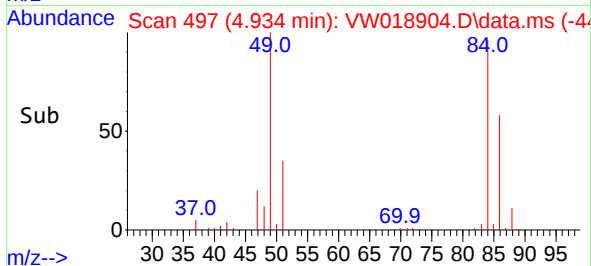


Tgt Ion: 84 Resp: 24541

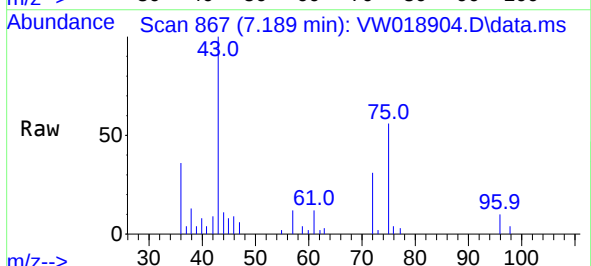
Ion	Ratio	Lower	Upper
84	100		
86	60.4	45.3	84.1
49	104.1	86.6	160.8

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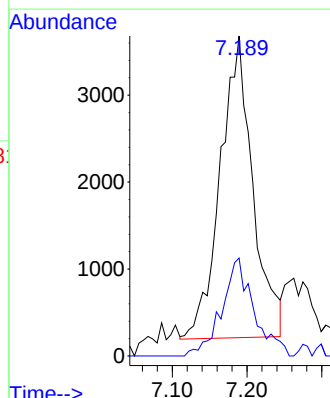
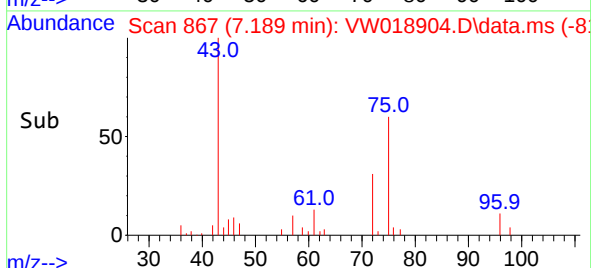


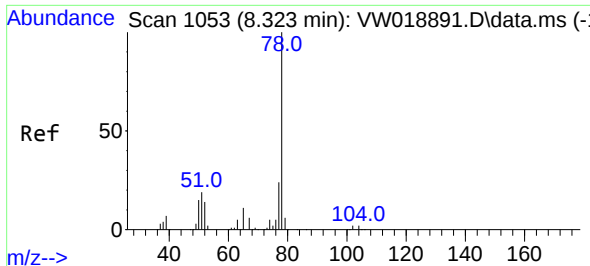
#22
2-Butanone
Concen: 5.68 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21



Tgt Ion: 43 Resp: 10499

Ion	Ratio	Lower	Upper
43	100		
72	22.3	14.9	44.7





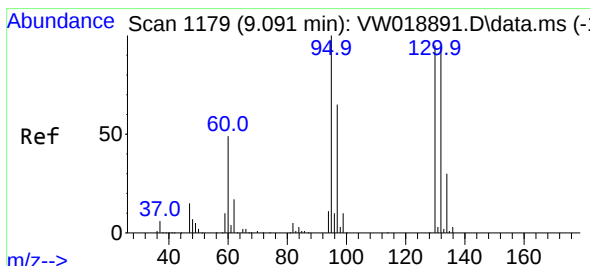
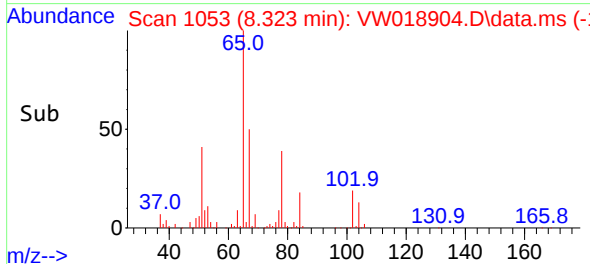
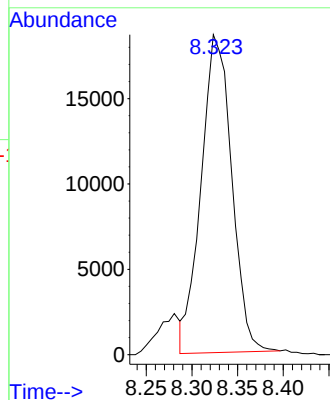
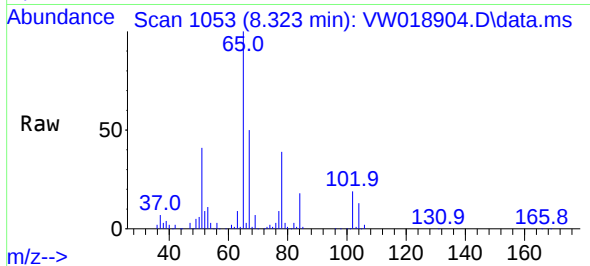
#33
Benzene
Concen: 2.22 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

Tgt Ion: 78 Resp: 43334

Instrument :
MSVOA_W
ClientSampled :
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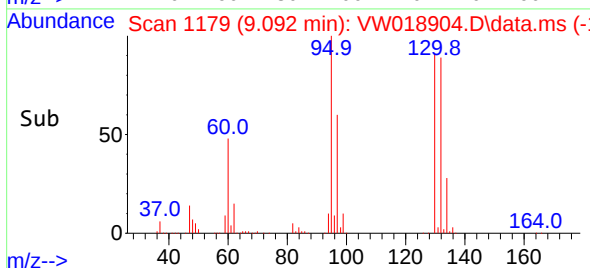
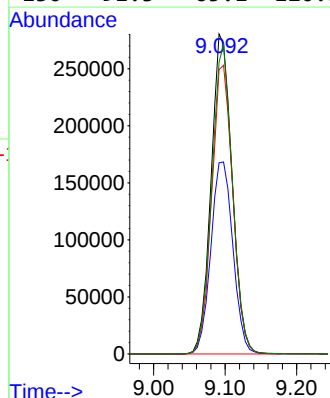
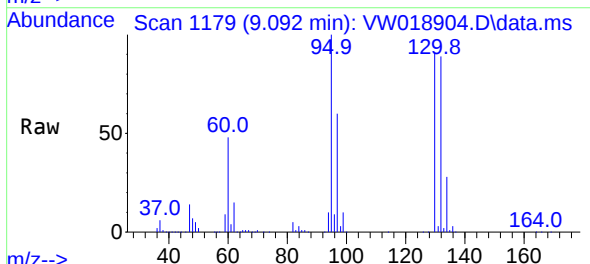
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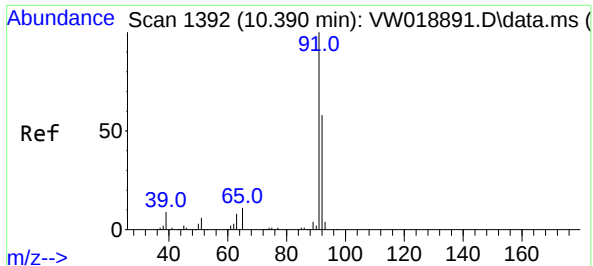
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#34
Trichloroethene
Concen: 109.57 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

Tgt Ion: 95 Resp: 571315
Ion Ratio Lower Upper
95 100
97 59.8 47.3 87.8
132 88.9 71.0 131.8
130 91.3 65.1 120.9





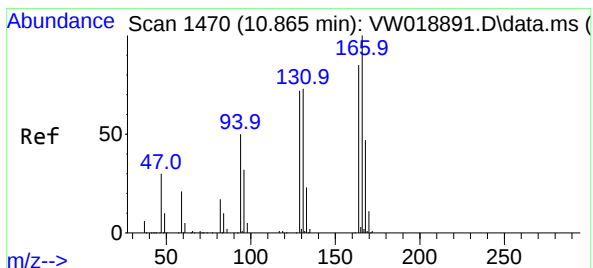
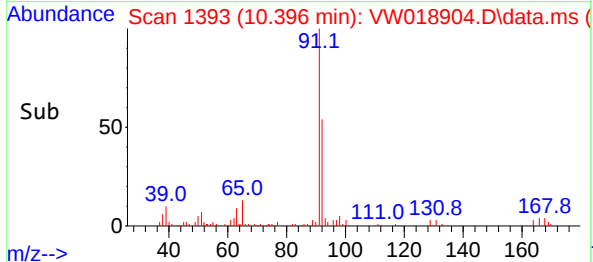
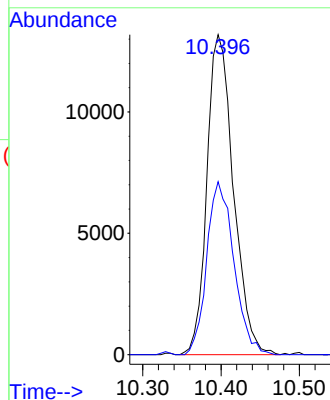
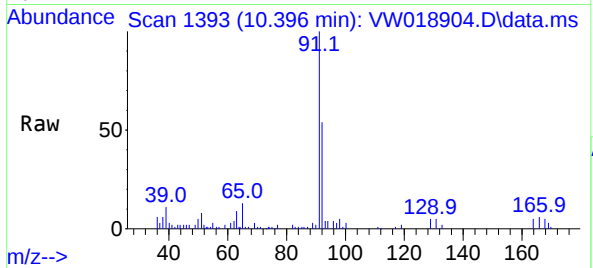
#42
Toluene
Concen: 1.44 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

Tgt Ion: 91 Resp: 31017
Ion Ratio Lower Upper
91 100
92 54.0 39.5 73.3

Instrument :
MSVOA_W
ClientSampled :
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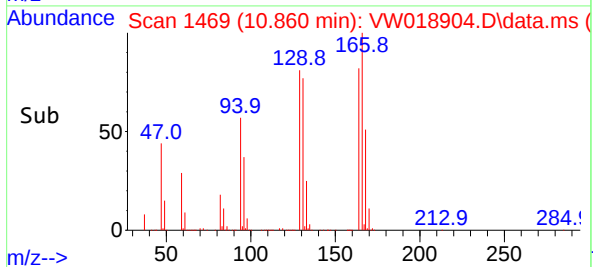
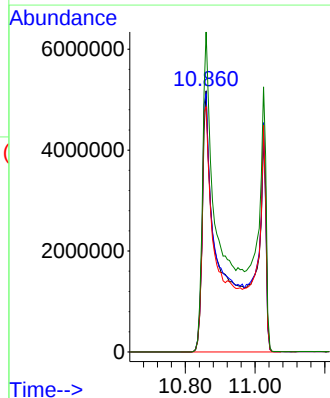
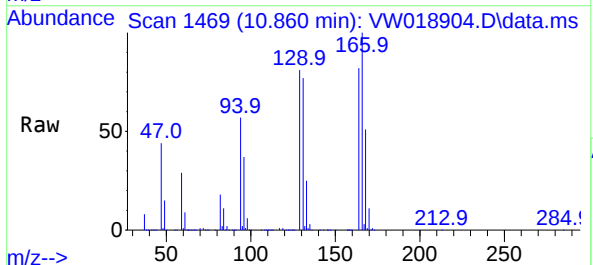
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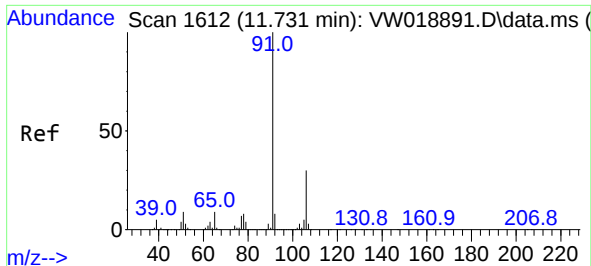
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#46
Tetrachloroethene
Concen: 6109.79 ug/L m
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

Tgt Ion:164 Resp:23956042
Ion Ratio Lower Upper
164 100
129 98.9 66.7 123.9
131 93.8 61.1 113.5
166 122.5 87.0 161.6





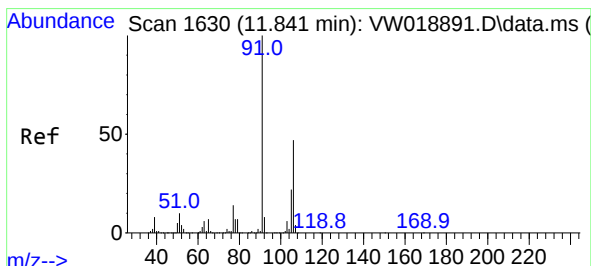
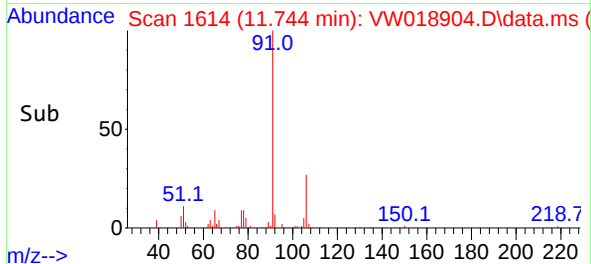
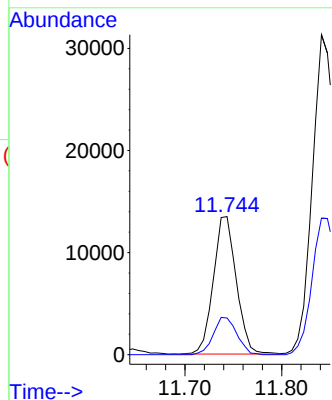
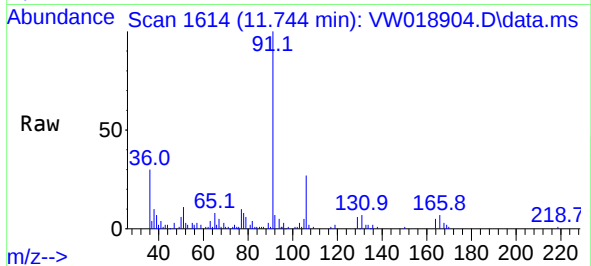
#52
Ethylbenzene
Concen: 0.93 ug/L
RT: 11.744 min Scan# 1614
Delta R.T. 0.012 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

Tgt Ion: 91 Resp: 22207
Ion Ratio Lower Upper
91 100
106 26.5 22.5 41.7

Instrument :
MSVOA_W
ClientSampled :
BG7F2

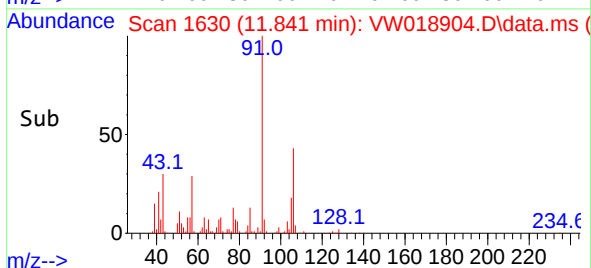
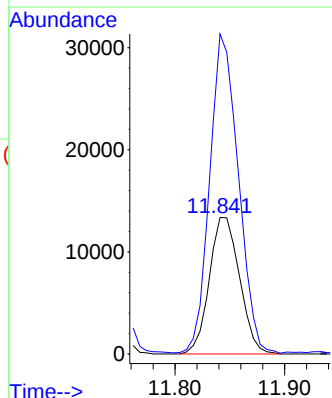
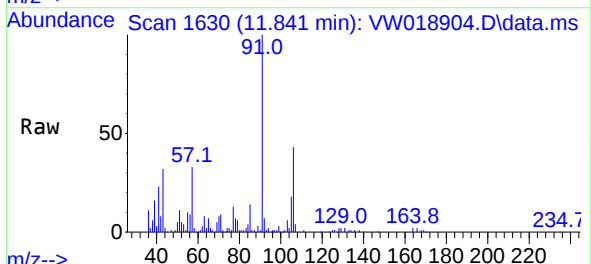
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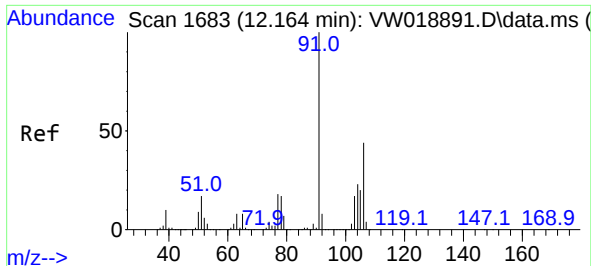
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#53
m,p-Xylene
Concen: 2.90 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

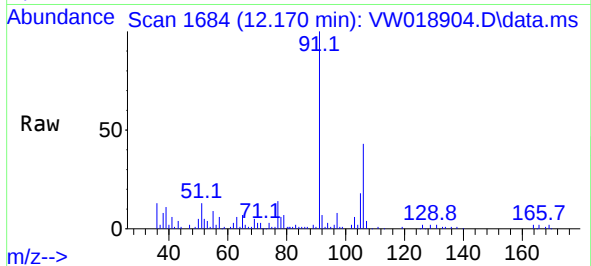
Tgt Ion:106 Resp: 25660
Ion Ratio Lower Upper
106 100
91 234.5 141.3 262.3





#54
o-Xylene
Concen: 1.74 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

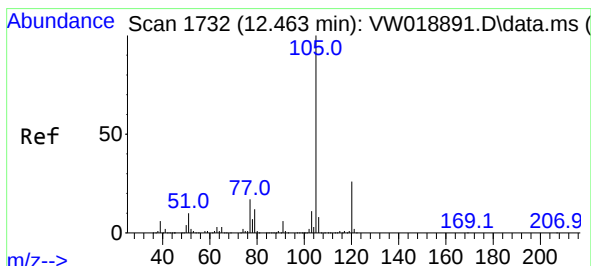
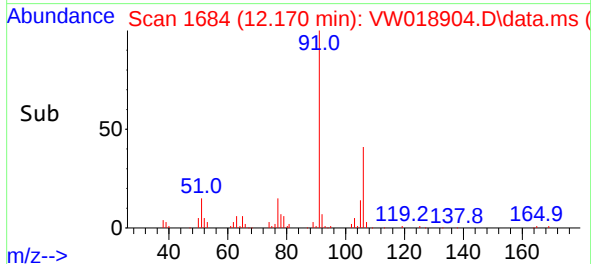
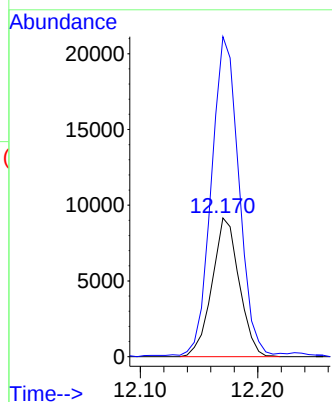
Instrument :
MSVOA_W
ClientSampled :
BG7F2



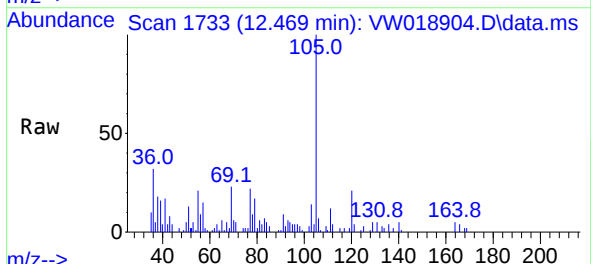
Tgt Ion:106 Resp: 14691
Ion Ratio Lower Upper
106 100
91 230.8 150.0 278.6

Manual Integrations
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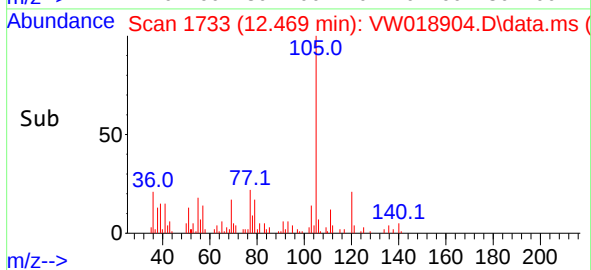
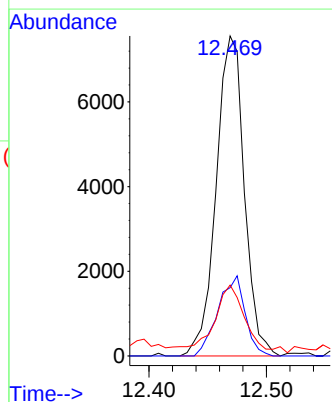
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5/4/2021 5:37:20 PM

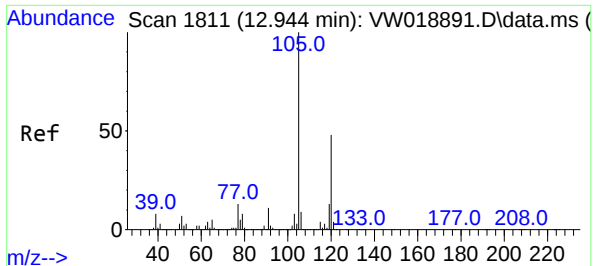


#60
Isopropylbenzene
Concen: 0.61 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21



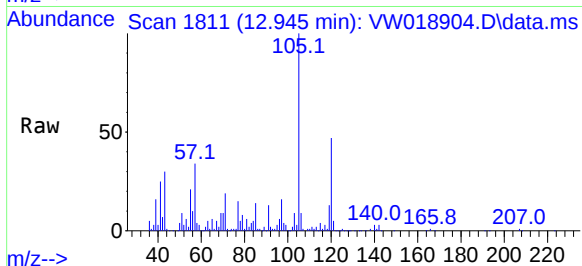
Tgt Ion:105 Resp: 12583
Ion Ratio Lower Upper
105 100
120 24.2 21.1 31.7
77 19.4 13.2 19.8





#62
1,3,5-Trimethylbenzene
Concen: 5.11 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

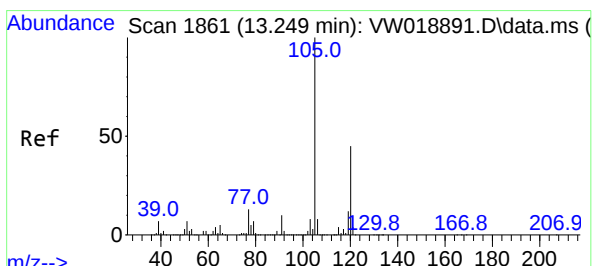
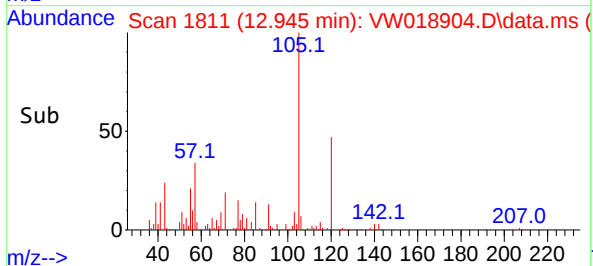
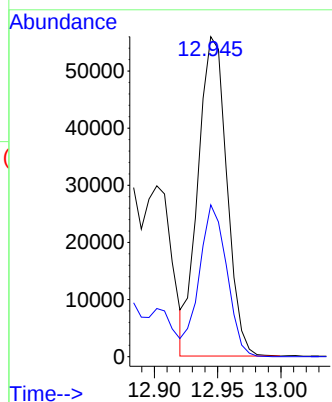
Instrument :
MSVOA_W
ClientSampled :
BG7F2



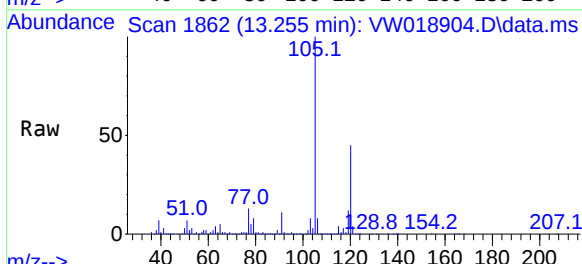
Tgt Ion:105 Resp: 88408
Ion Ratio Lower Upper
105 100
120 45.7 39.0 58.6

Manual Integrations
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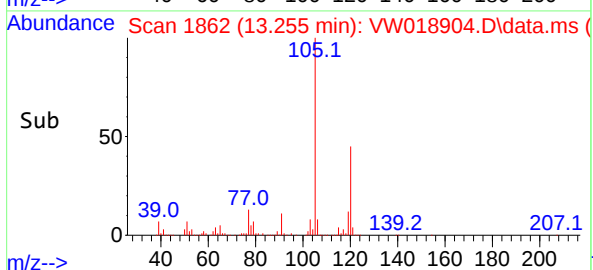
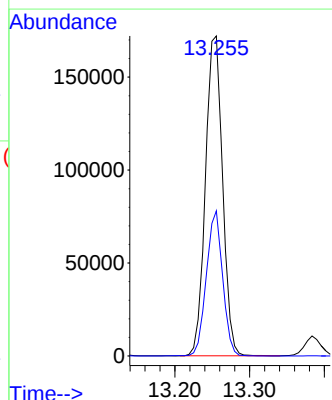
MMDadoda
5/4/2021 5:37:20 PM

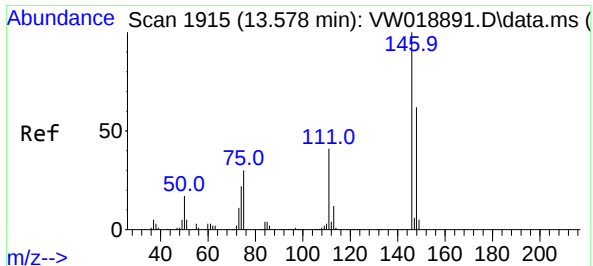


#63
1,2,4-Trimethylbenzene
Concen: 15.79 ug/L
RT: 13.255 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21

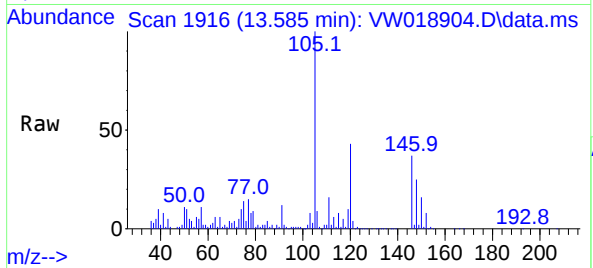


Tgt Ion:105 Resp: 273481
Ion Ratio Lower Upper
105 100
120 43.0 35.6 53.4

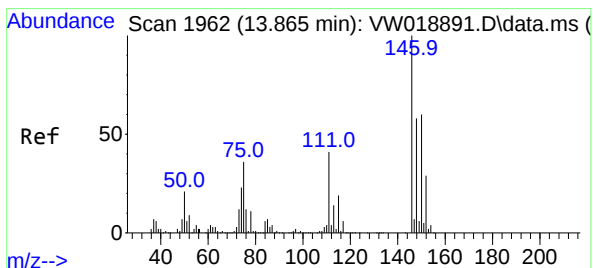
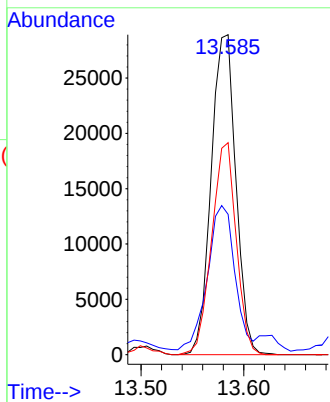
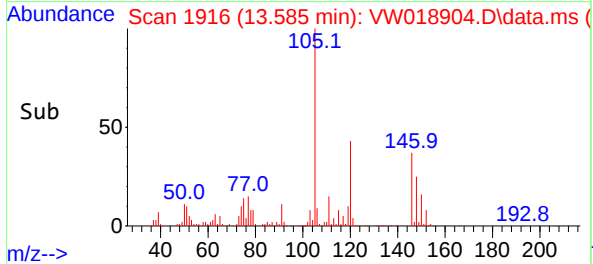




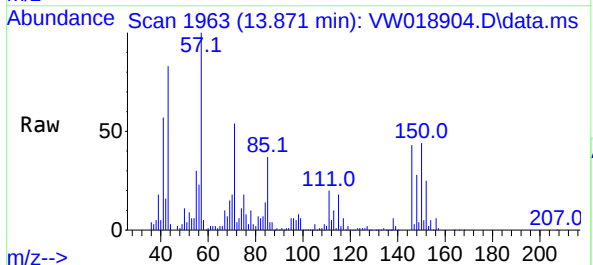
#65
1,4-Dichlorobenzene
Concen: 5.47 ug/L
RT: 13.585 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21



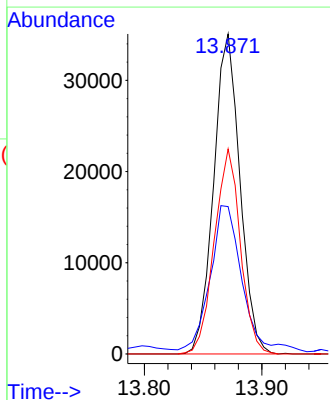
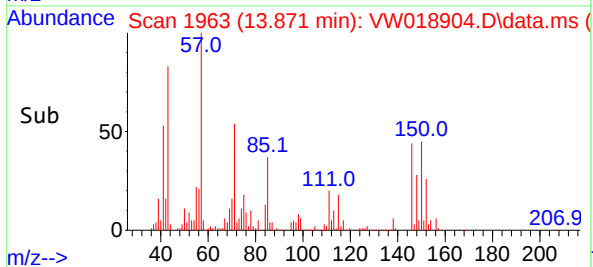
Tgt Ion:146 Resp: 48280
Ion Ratio Lower Upper
146 100
111 43.9 28.8 53.4
148 66.3 46.8 87.0



#67
1,2-Dichlorobenzene
Concen: 6.90 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018904.D
Acq: 03 May 2021 17:21



Tgt Ion:146 Resp: 54674
Ion Ratio Lower Upper
146 100
111 46.0 33.2 49.8
148 64.0 50.4 75.6



Instrument :
MSVOA_W
ClientSampled :
BG7F2

Manual Integrations
APPROVED

MMDadoda
5/4/2021 5:37:20 PM