

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018847.D
 Acq On : 29 Apr 2021 15:54
 Operator : SY/VA
 Sample : M2177-17RE
 Misc : 4.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG587RE

Manual Integrations
 APPROVED

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 4/30/2021 4:52:20 PM

Quant Time: Apr 30 02:11:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	543573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	378337	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	135014	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	188582	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.16%			
7) Chloroethane-d5	2.891	69	146049	27.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.12%			
11) 1,1-Dichloroethene-d2	4.019	63	240846	17.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.56%			
21) 2-Butanone-d5	7.086	46	95013	52.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.62%			
24) Chloroform-d	7.647	84	334514	23.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	8.305	65	202194	25.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%			
32) Benzene-d6	8.275	84	660181	30.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 123.52%			
36) 1,2-Dichloropropane-d6	9.274	67	195384	30.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.24%#			
41) Toluene-d8	10.323	98	521728	26.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.68%			
43) trans-1,3-Dichloroprop...	10.579	79	70094	24.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.28%			
47) 2-Hexanone-d5	10.927	63	83232	73.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 146.60%#			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	148447	27.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.48%			
66) 1,2-Dichlorobenzene-d4	13.853	152	99268	21.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.84%			
Target Compounds						Qvalue
13) Acetone	4.135	43	33915	24.37	ug/L	91
14) Carbon disulfide	4.385	76	20275	0.97	ug/L	100
16) Methylene chloride	4.921	84	31302	3.48	ug/L	96
22) 2-Butanone	7.177	43	12807	6.64	ug/L	100
29) Cyclohexane	7.958	56	16476m	1.82	ug/L	
33) Benzene	8.329	78	15199	0.67	ug/L	100
35) Methylcyclohexane	9.335	83	105875	9.96	ug/L #	70
42) Toluene	10.384	91	12744	0.51	ug/L	89
52) Ethylbenzene	11.731	91	52059	1.88	ug/L	97
53) m,p-Xylene	11.841	106	44849	4.37	ug/L	88
54) o-Xylene	12.164	106	76349	7.80	ug/L	89
60) Isopropylbenzene	12.463	105	67501m	3.50	ug/L	
62) 1,3,5-Trimethylbenzene	12.944	105	146577	9.11	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	1060925	65.92	ug/L	99

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

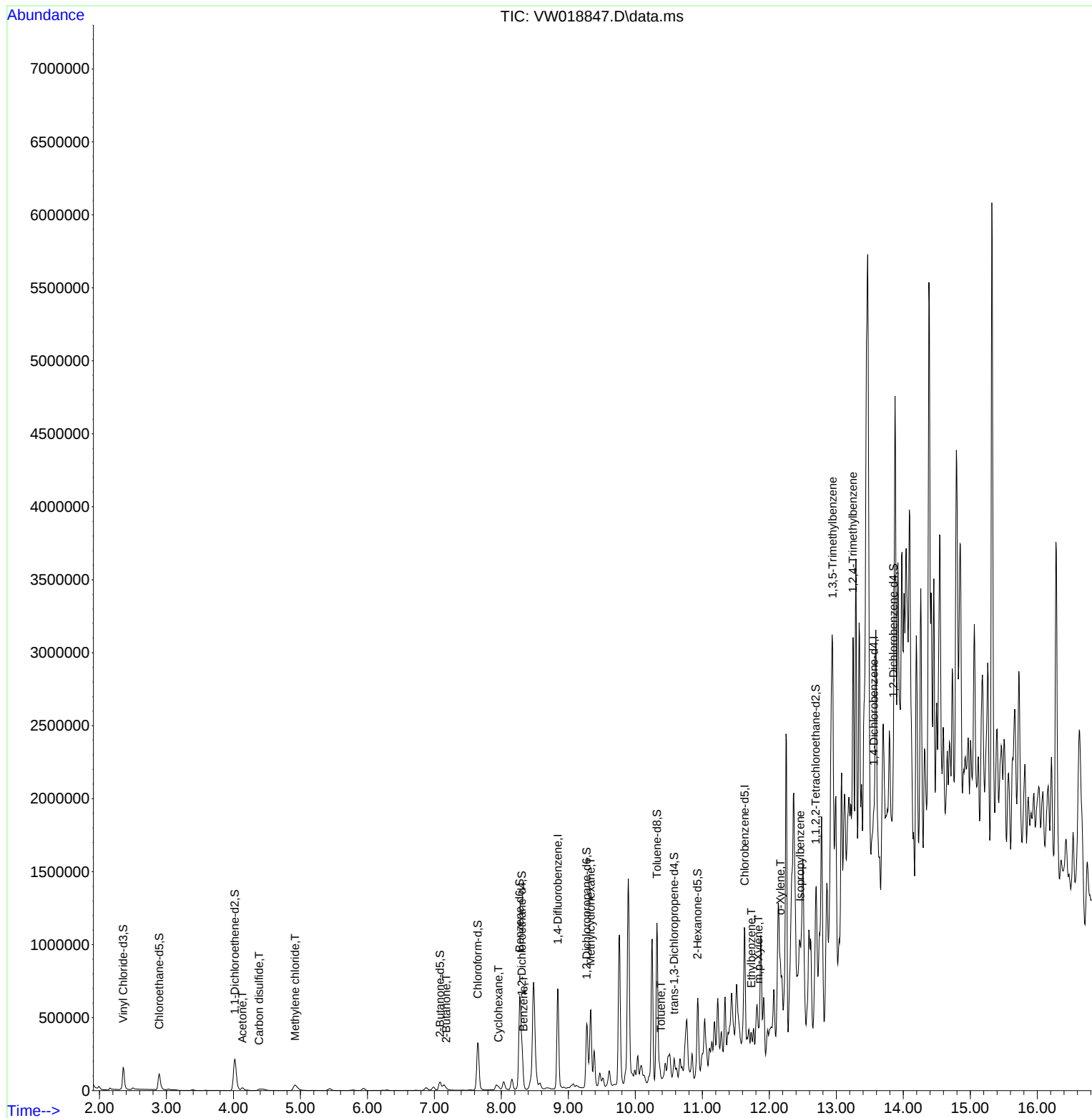
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Data File : VW018847.D
Acq On : 29 Apr 2021 15:54
Operator : SY/VA
Sample : M2177-17RE
Misc : 4.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

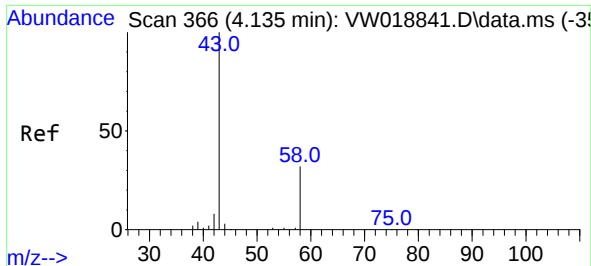
Instrument :
MSVOA_W
ClientSampleId :
BG587RE

Manual Integrations
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Quant Time: Apr 30 02:11:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 02:09:50 2021
Response via : Initial Calibration





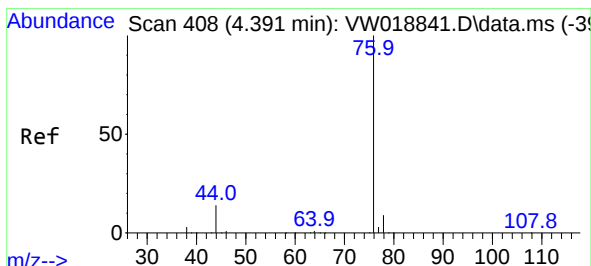
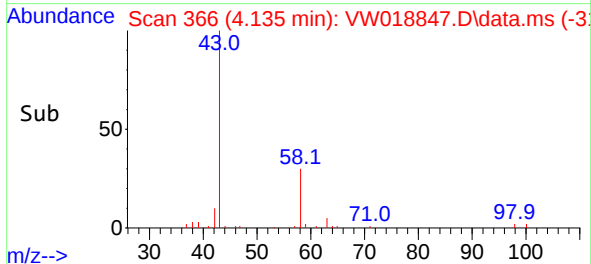
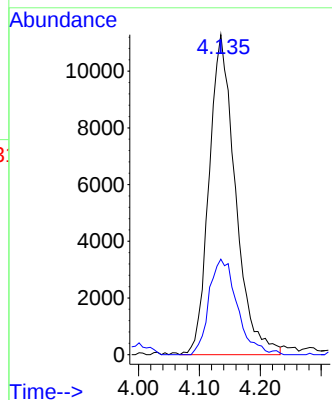
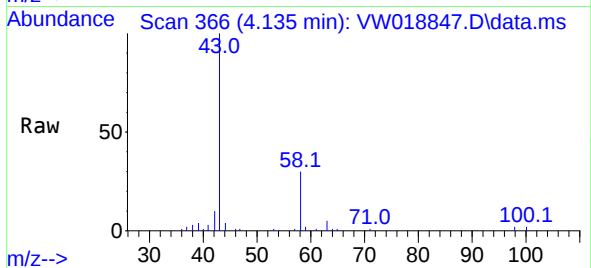
#13
Acetone
Concen: 24.37 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

Tgt Ion: 43 Resp: 33915
Ion Ratio Lower Upper
43 100
58 31.7 0.0 53.8

Instrument :
MSVOA_W
ClientSampleId :
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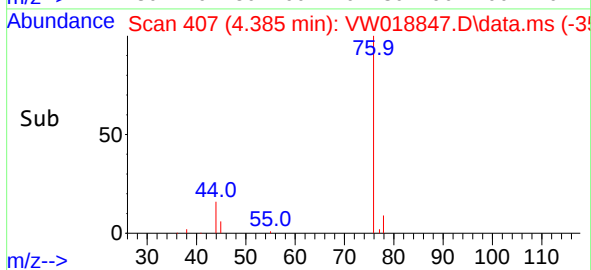
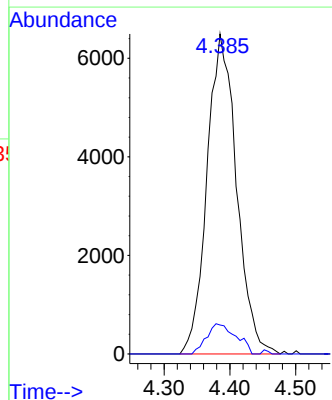
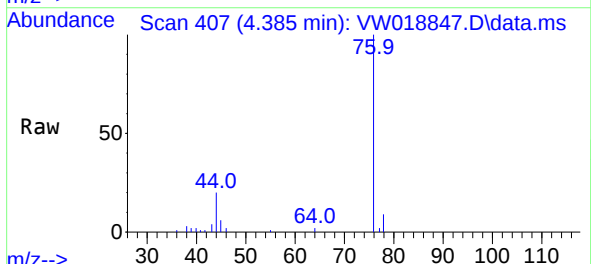
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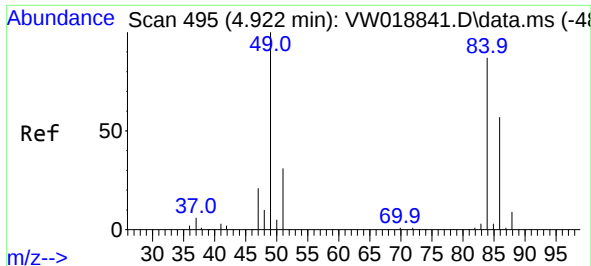
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#14
Carbon disulfide
Concen: 0.97 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

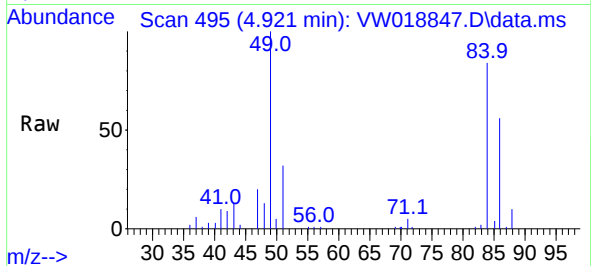
Tgt Ion: 76 Resp: 20275
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#16
Methylene chloride
Concen: 3.48 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

Instrument :
MSVOA_W
ClientSampleId :
BG587RE

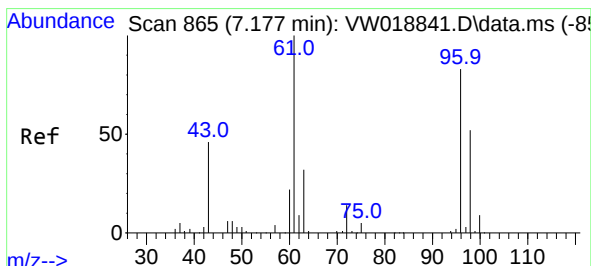
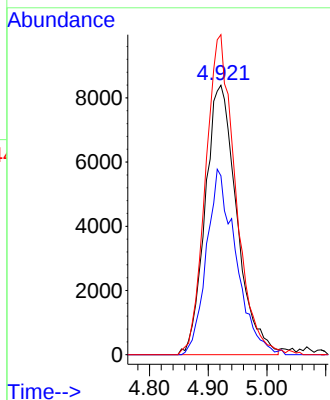
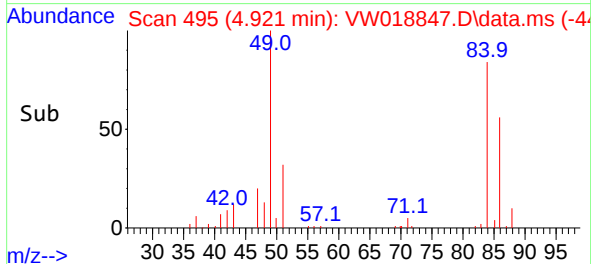


Tgt Ion: 84 Resp: 31302

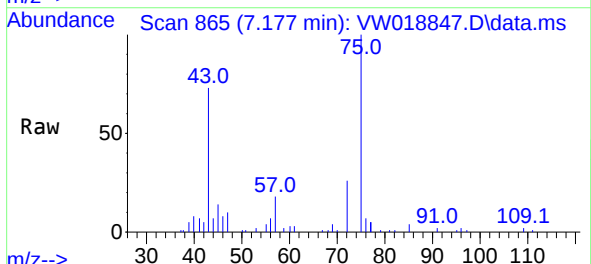
Ion	Ratio	Lower	Upper
84	100		
86	66.4	45.3	84.1
49	118.7	86.6	160.8

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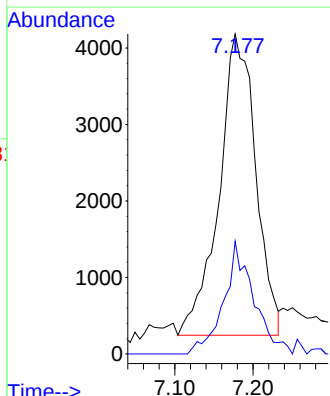
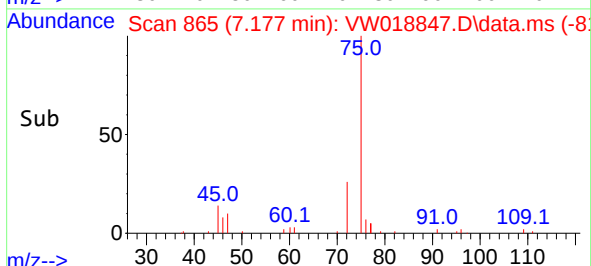


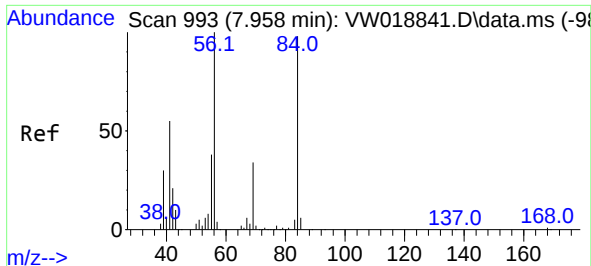
#22
2-Butanone
Concen: 6.64 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54



Tgt Ion: 43 Resp: 12807

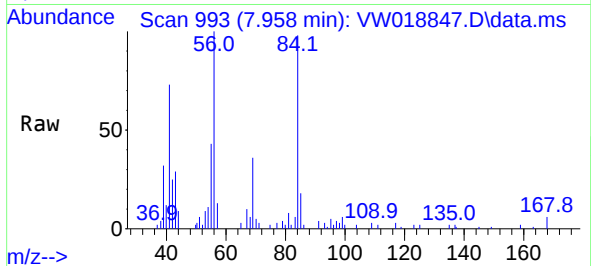
Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.9	44.7





#29
Cyclohexane
Concen: 1.82 ug/L m
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

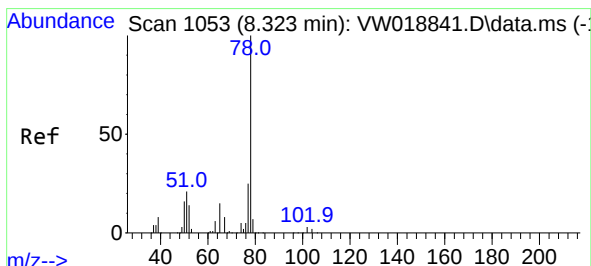
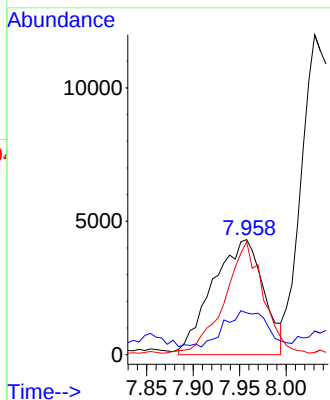
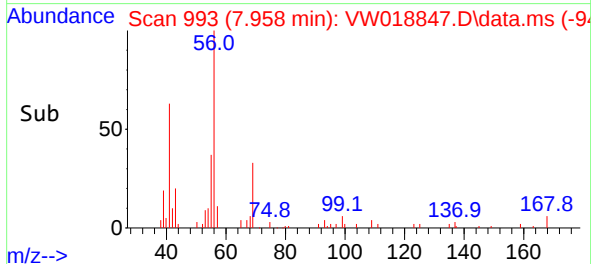
Instrument :
MSVOA_W
ClientSampled :
BG587RE



Tgt Ion: 56 Resp: 16476
Ion Ratio Lower Upper
56 100
69 2.6 24.5 36.7#
84 72.8 75.0 112.4#

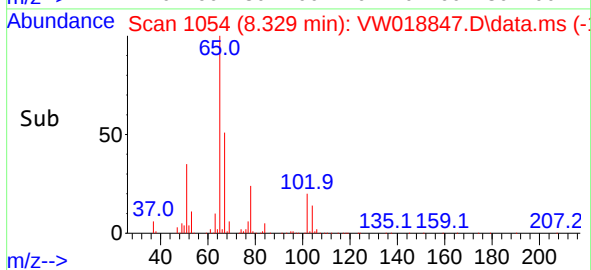
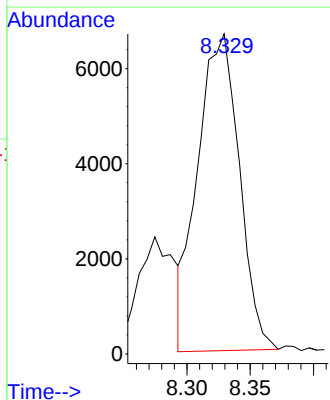
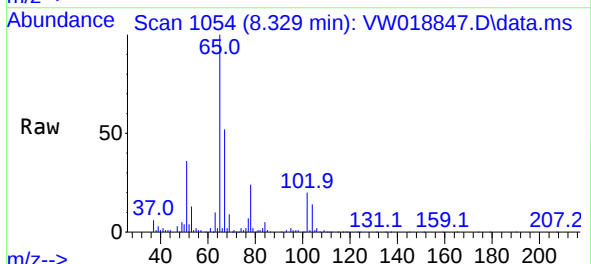
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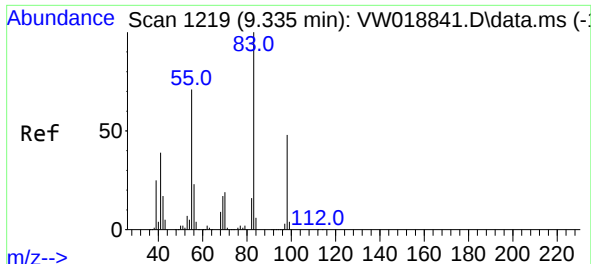
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#33
Benzene
Concen: 0.67 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

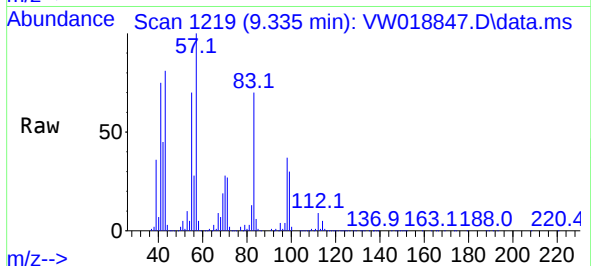
Tgt Ion: 78 Resp: 15199





#35
Methylcyclohexane
Concen: 9.96 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

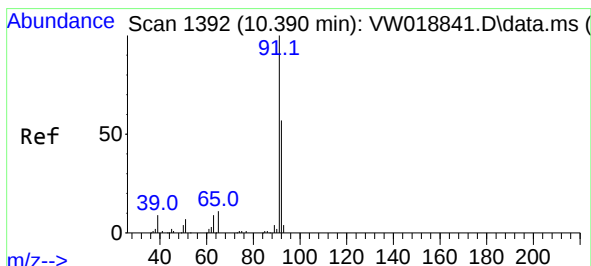
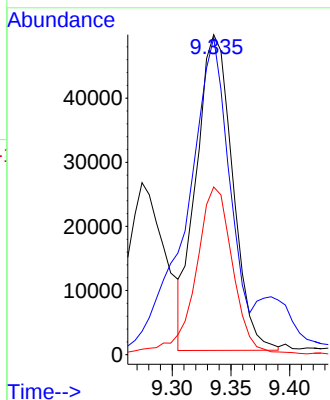
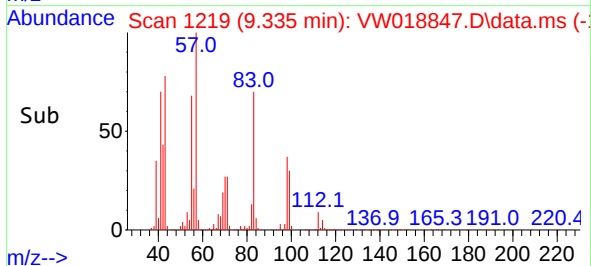
Instrument :
MSVOA_W
ClientSampleId :
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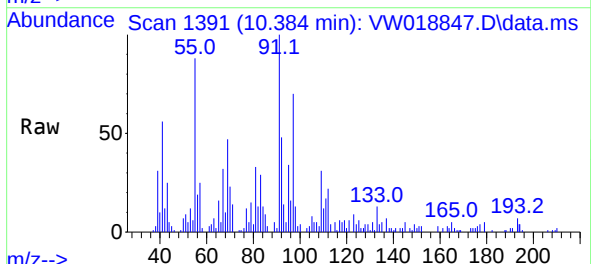
Tgt Ion: 83 Resp: 105875
Ion Ratio Lower Upper
83 100
55 113.5 58.9 88.3#
98 53.8 40.1 60.1

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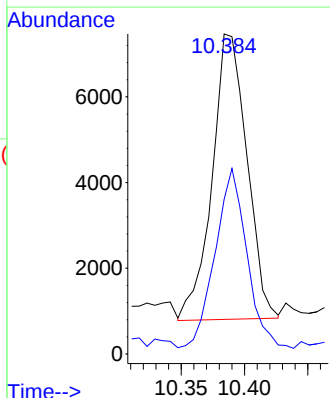
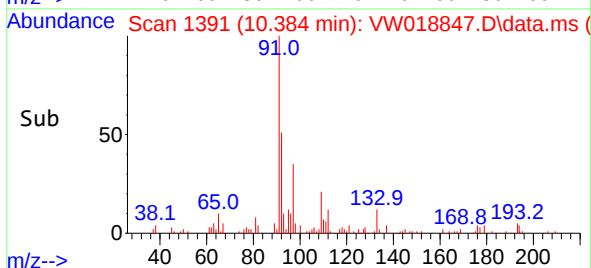
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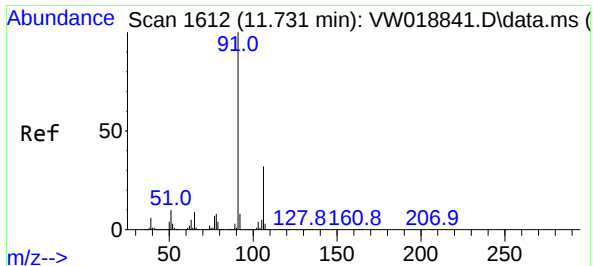


#42
Toluene
Concen: 0.51 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54



Tgt Ion: 91 Resp: 12744
Ion Ratio Lower Upper
91 100
92 48.3 39.5 73.3





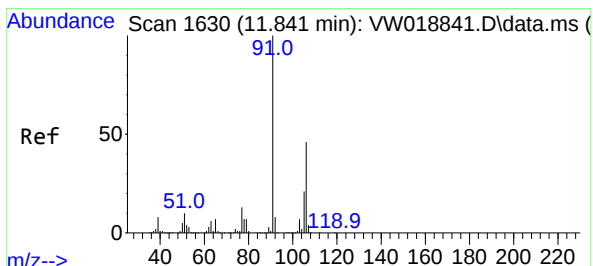
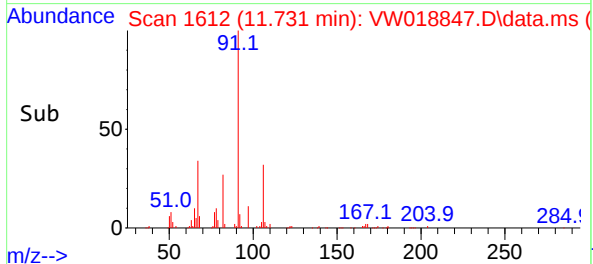
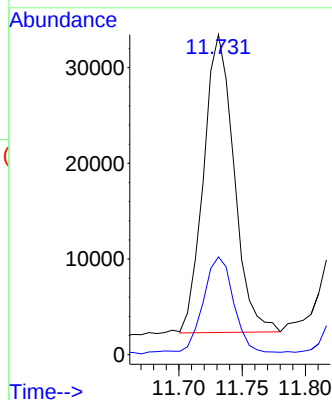
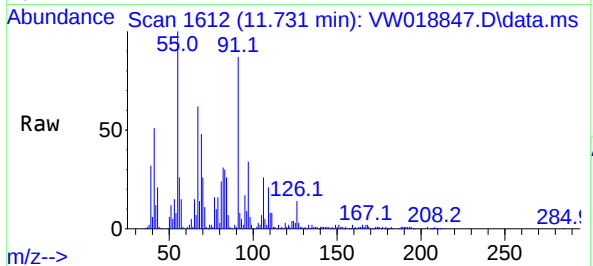
#52
Ethylbenzene
Concen: 1.88 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

Tgt Ion: 91 Resp: 52059
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.7

Instrument :
MSVOA_W
ClientSampled :
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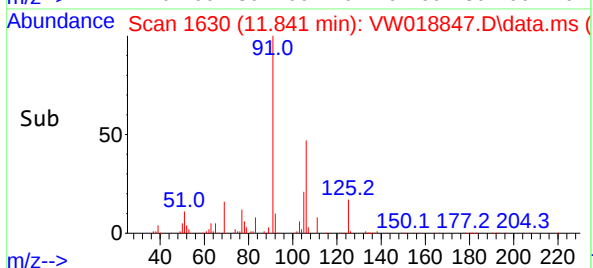
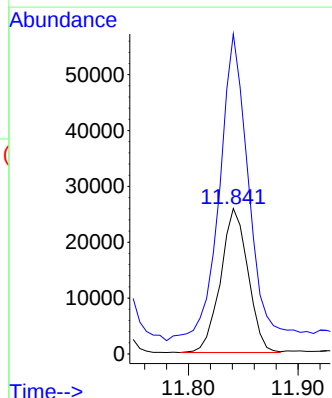
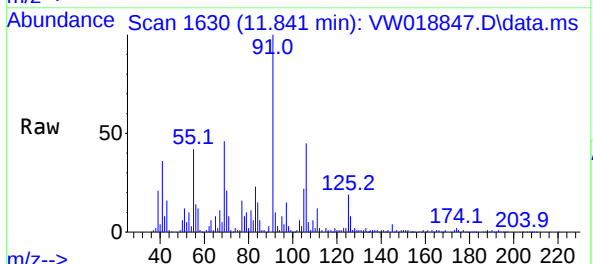
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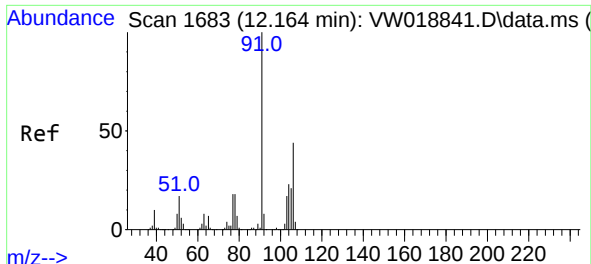
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#53
m,p-Xylene
Concen: 4.37 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

Tgt Ion:106 Resp: 44849
Ion Ratio Lower Upper
106 100
91 220.1 141.3 262.3





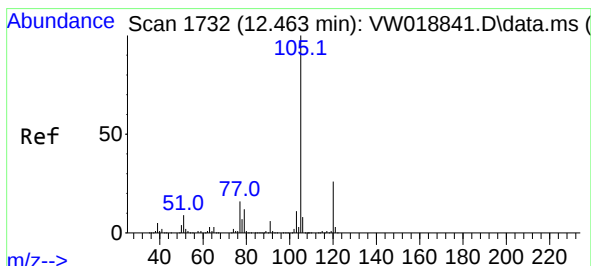
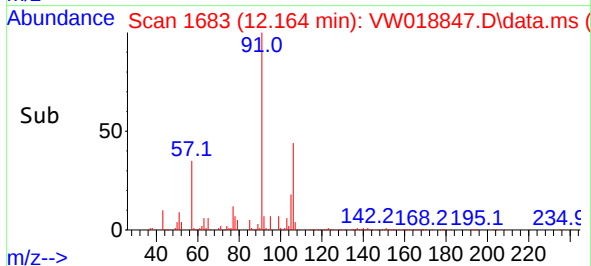
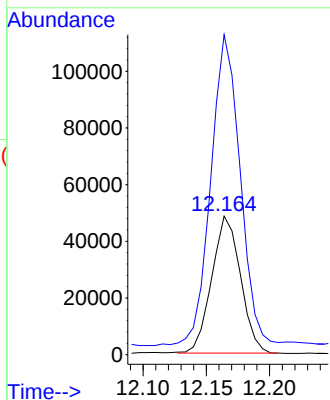
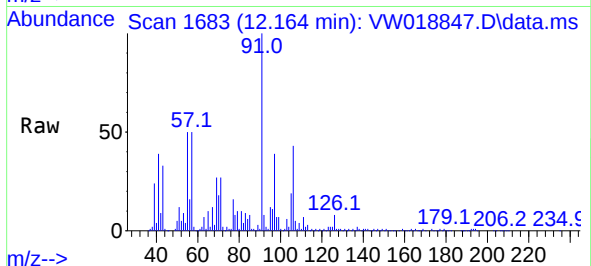
#54
o-Xylene
Concen: 7.80 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

Tgt Ion:106 Resp: 76349
Ion Ratio Lower Upper
106 100
91 231.1 150.0 278.6

Instrument :
MSVOA_W
ClientSampleId :
BG587RE

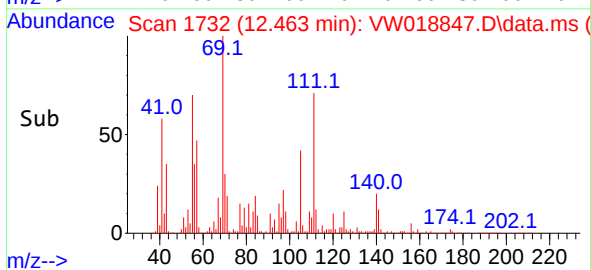
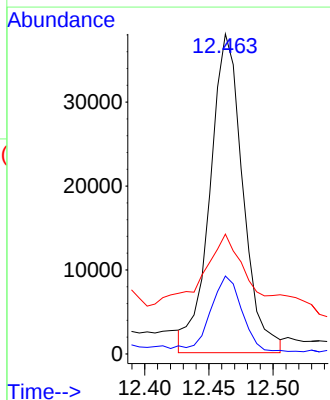
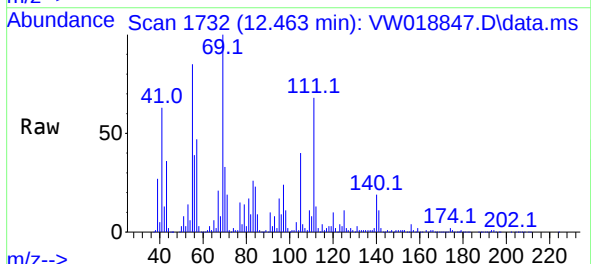
Manual Integrations
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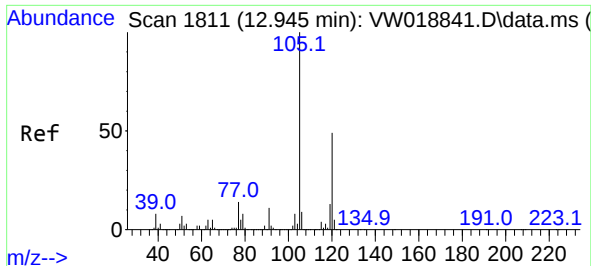
MMDadoda
4/30/2021 4:52:20 PM



#60
Isopropylbenzene
Concen: 3.50 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

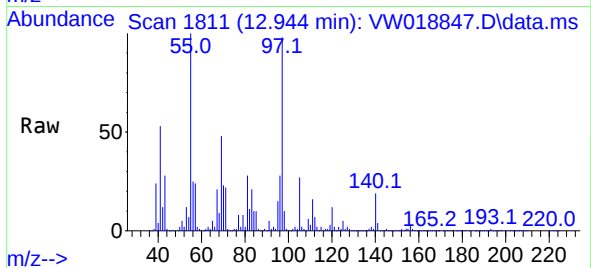
Tgt Ion:105 Resp: 67501
Ion Ratio Lower Upper
105 100
120 67.1 21.1 31.7#
77 39.1 13.2 19.8#





#62
1,3,5-Trimethylbenzene
Concen: 9.11 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54

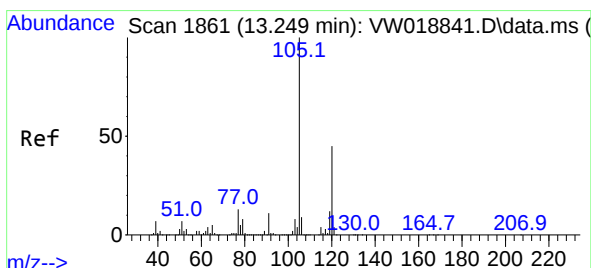
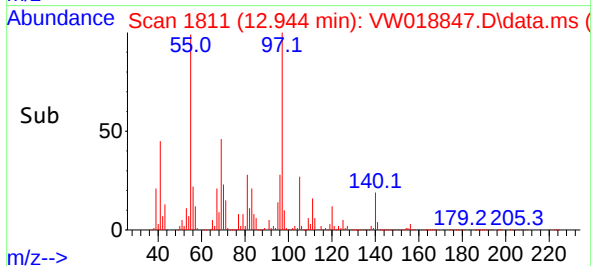
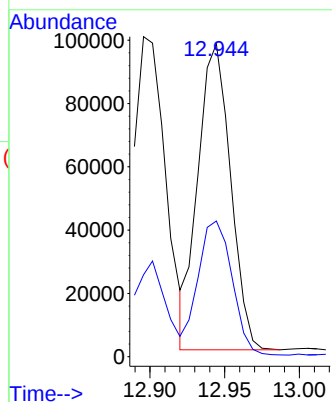
Instrument :
MSVOA_W
ClientSampleId :
BG587RE



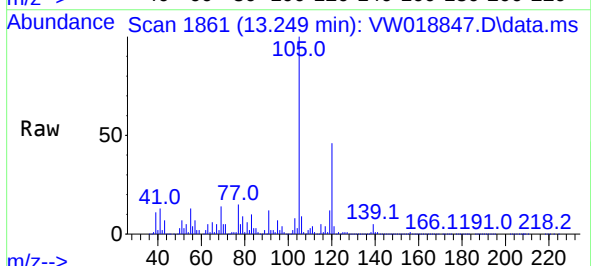
Tgt Ion:105 Resp: 146577
Ion Ratio Lower Upper
105 100
120 45.9 39.0 58.6

Manual Integrations
APPROVED

MMDadoda
4/30/2021 4:52:20 PM



#63
1,2,4-Trimethylbenzene
Concen: 65.92 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018847.D
Acq: 29 Apr 2021 15:54



Tgt Ion:105 Resp: 1060925
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

