

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018872.D
 Acq On : 30 Apr 2021 11:30
 Operator : SY/VA
 Sample : M2192-01RE
 Misc : 4.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG595RE

Manual Integrations
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 5/3/2021 2:52:43 PM

Quant Time: Apr 30 22:54:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 22:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	604819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	414404	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	132600	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	191659	24.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.80%			
7) Chloroethane-d5	2.892	69	157566	26.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.84%			
11) 1,1-Dichloroethene-d2	4.019	63	282869	18.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.44%			
21) 2-Butanone-d5	7.086	46	90533	44.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.60%			
24) Chloroform-d	7.653	84	376477	23.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.88%			
26) 1,2-Dichloroethane-d4	8.305	65	213375	24.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.24%			
32) Benzene-d6	8.275	84	746703	31.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.56%			
36) 1,2-Dichloropropane-d6	9.274	67	220575	31.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.00%#			
41) Toluene-d8	10.323	98	625366	28.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.56%			
43) trans-1,3-Dichloroprop...	10.579	79	82171	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.12%			
47) 2-Hexanone-d5	10.927	63	77948	62.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.34%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	136056	23.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.48%			
66) 1,2-Dichlorobenzene-d4	13.853	152	107141	23.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.32%			
Target Compounds					Qvalue	
13) Acetone	4.135	43	52575	33.96	ug/L	90
14) Carbon disulfide	4.397	76	20131m	0.87	ug/L	
16) Methylene chloride	4.916	84	31123	3.11	ug/L	94
22) 2-Butanone	7.177	43	26694	12.44	ug/L	99
29) Cyclohexane	7.958	56	4258	0.43	ug/L	95
33) Benzene	8.330	78	32668	1.32	ug/L	100
35) Methylcyclohexane	9.335	83	64632	5.55	ug/L #	85
42) Toluene	10.390	91	20804	0.76	ug/L	94
52) Ethylbenzene	11.731	91	12428	0.41	ug/L	96
53) m,p-Xylene	11.841	106	6786	0.60	ug/L	100
54) o-Xylene	12.164	106	30985	2.89	ug/L	87
60) Isopropylbenzene	12.463	105	69463m	3.67	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	14737	0.93	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	46206	2.92	ug/L	93

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

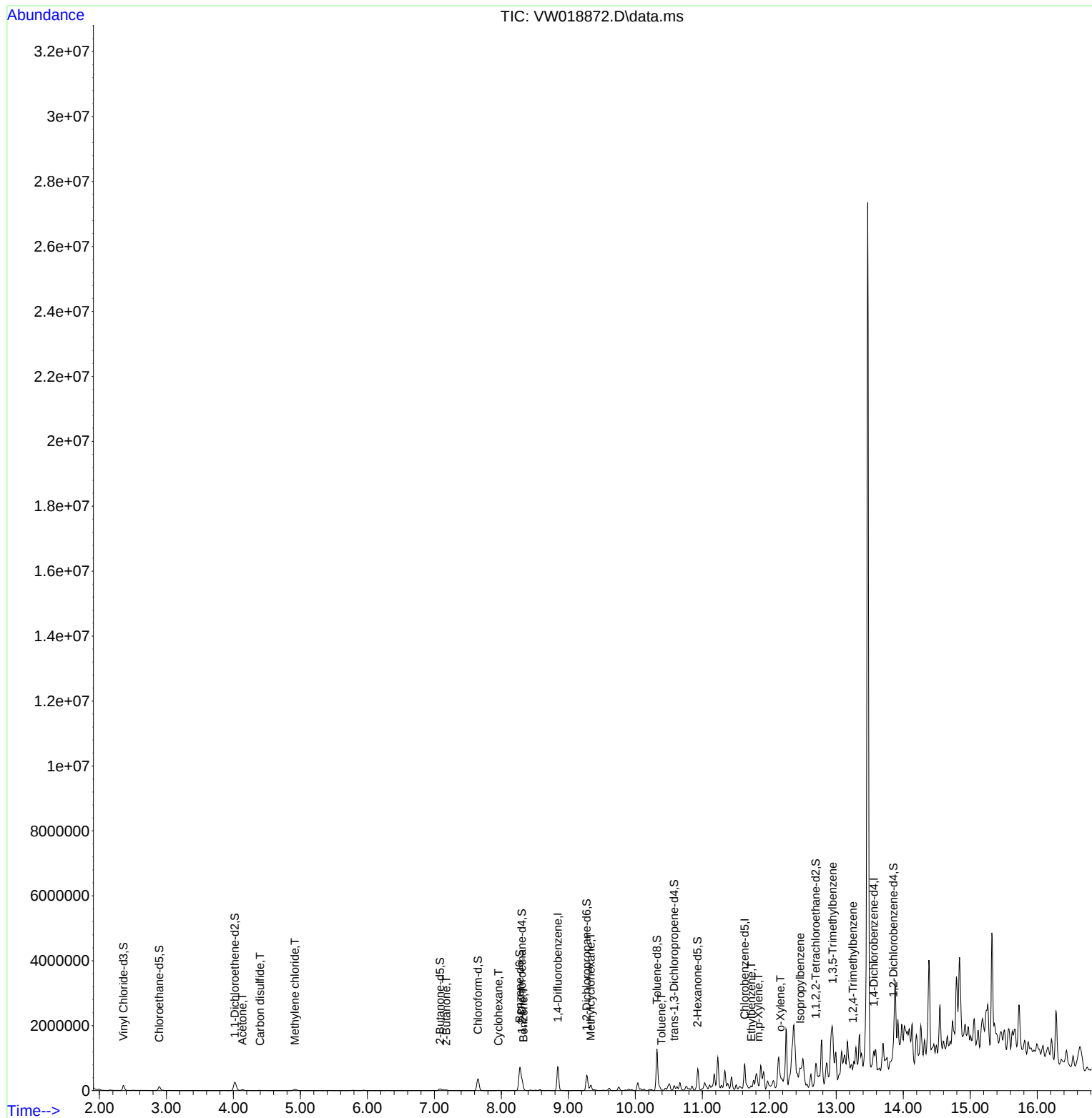
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

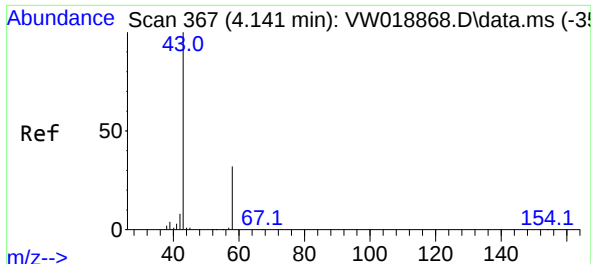
Instrument :
MSVOA_W
ClientSampleId :
BG595RE

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Quant Time: Apr 30 22:54:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 22:53:19 2021
Response via : Initial Calibration





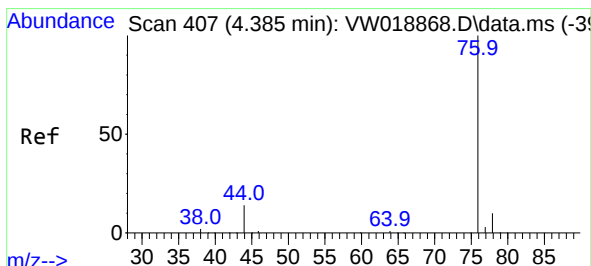
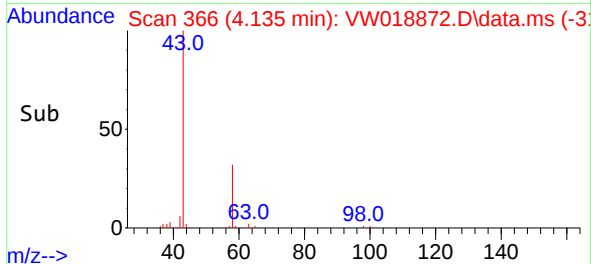
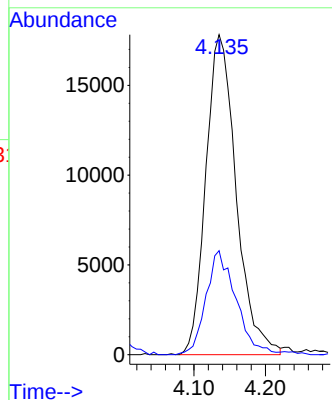
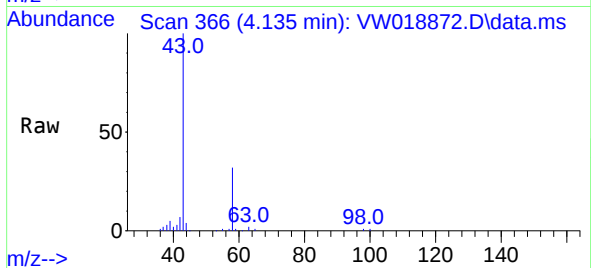
#13
Acetone
Concen: 33.96 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

Tgt Ion: 43 Resp: 52575
Ion Ratio Lower Upper
43 100
58 32.0 0.0 53.8

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

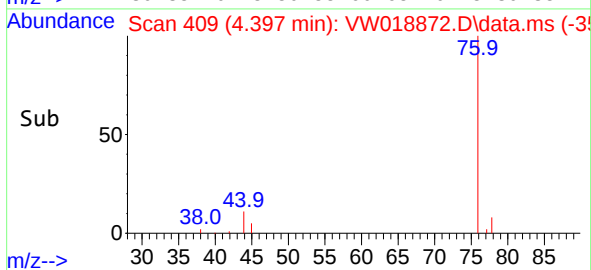
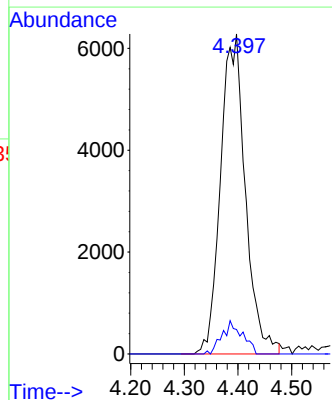
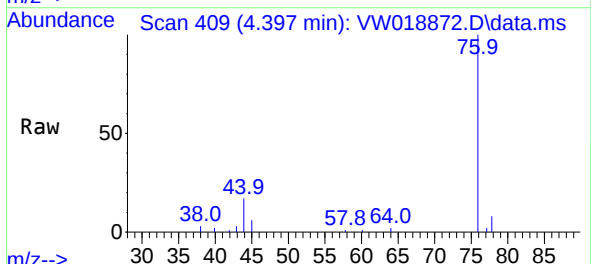
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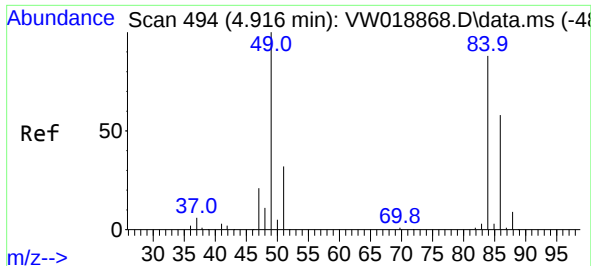
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#14
Carbon disulfide
Concen: 0.87 ug/L m
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

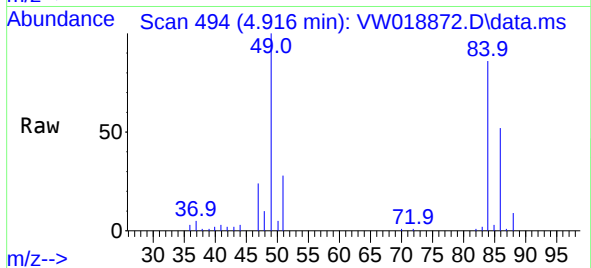
Tgt Ion: 76 Resp: 20131
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0





#16
Methylene chloride
Concen: 3.11 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

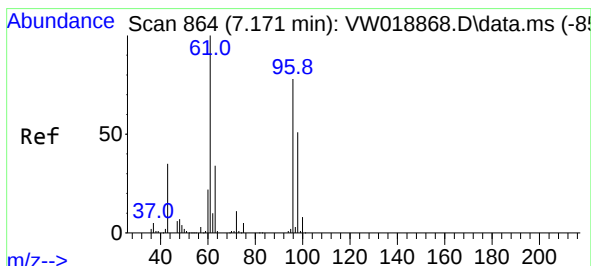
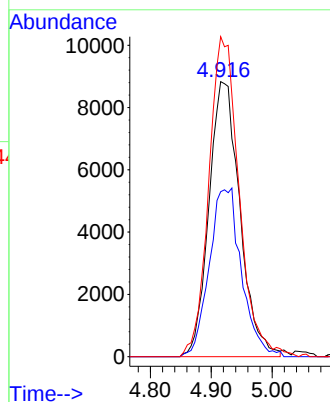


Tgt Ion: 84 Resp: 31123

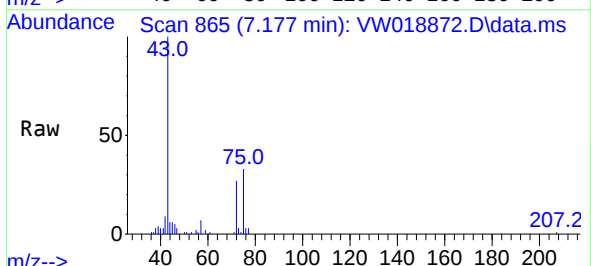
Ion	Ratio	Lower	Upper
84	100		
86	60.0	45.3	84.1
49	116.4	86.6	160.8

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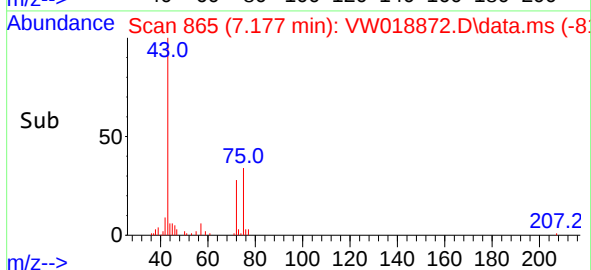
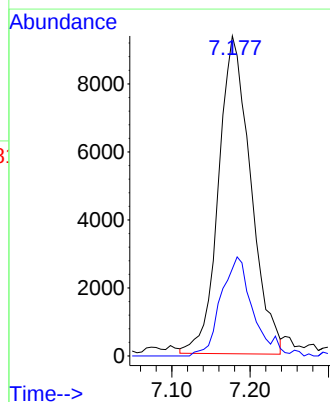


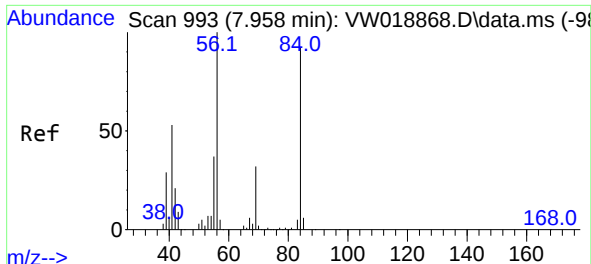
#22
2-Butanone
Concen: 12.44 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30



Tgt Ion: 43 Resp: 26694

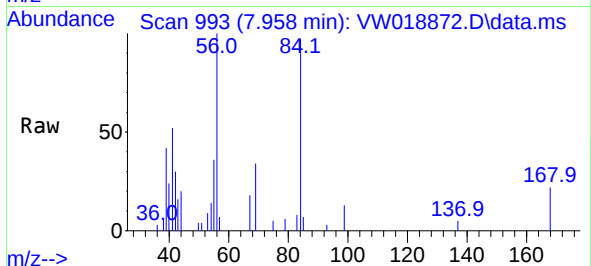
Ion	Ratio	Lower	Upper
43	100		
72	29.4	14.9	44.7





#29
Cyclohexane
Concen: 0.43 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

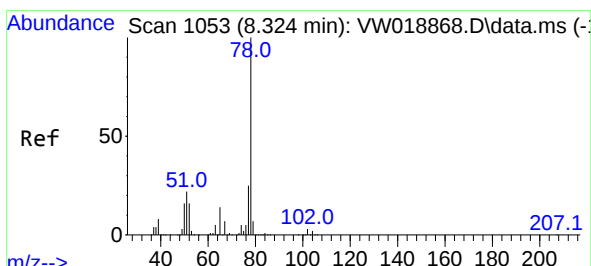
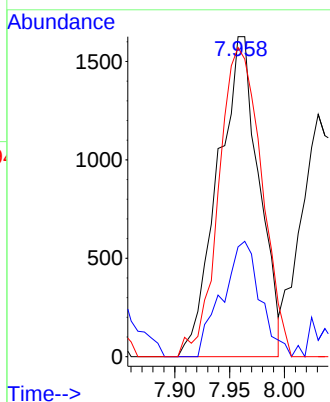
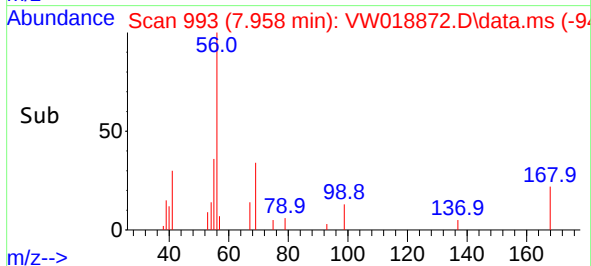
Instrument :
MSVOA_W
ClientSampleId :
BG595RE



Tgt Ion: 56 Resp: 4258
Ion Ratio Lower Upper
56 100
69 33.2 24.5 36.7
84 99.0 75.0 112.4

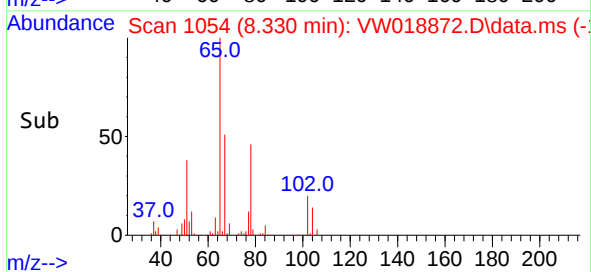
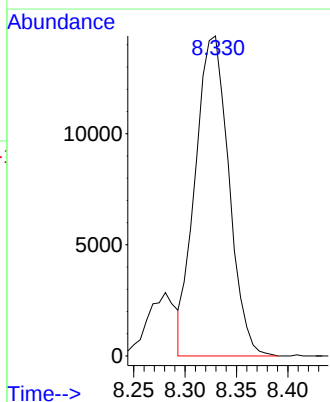
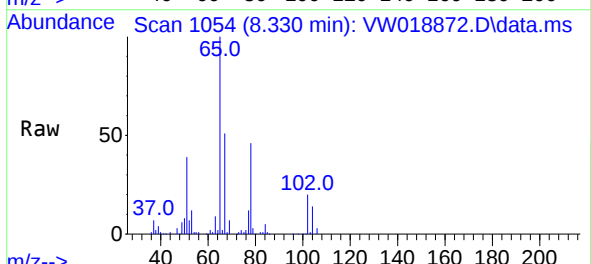
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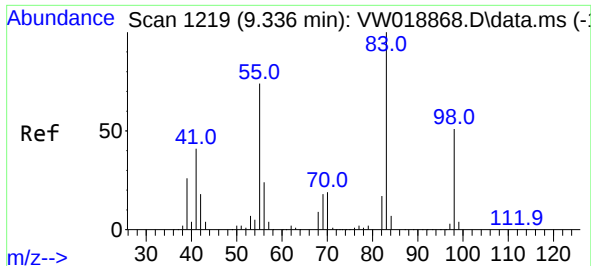
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#33
Benzene
Concen: 1.32 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

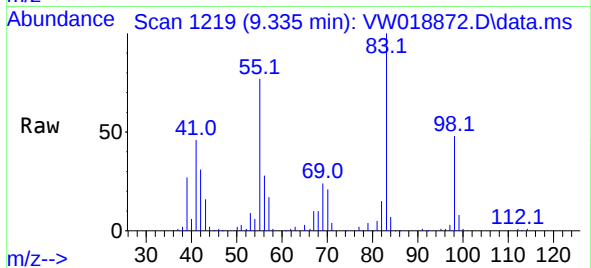
Tgt Ion: 78 Resp: 32668





#35
Methylcyclohexane
Concen: 5.55 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

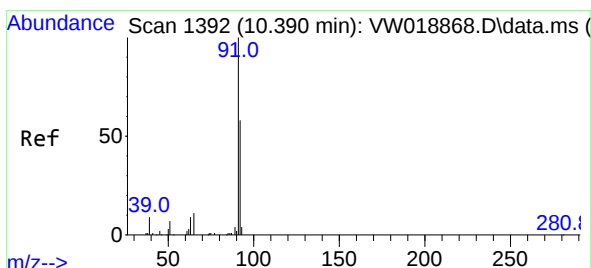
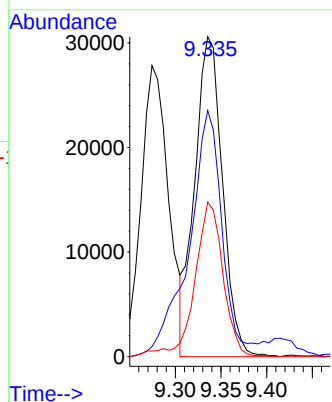
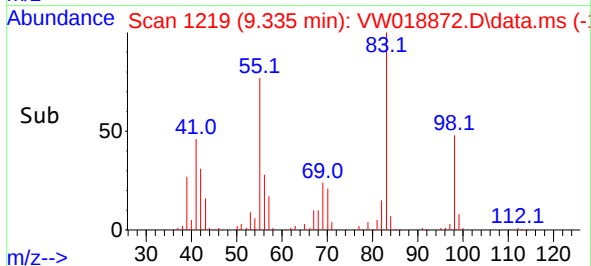
Instrument :
MSVOA_W
ClientSampleId :
BG595RE



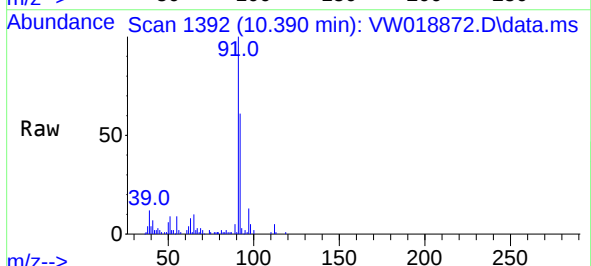
Tgt Ion: 83 Resp: 64632
Ion Ratio Lower Upper
83 100
55 92.0 58.9 88.3#
98 47.2 40.1 60.1

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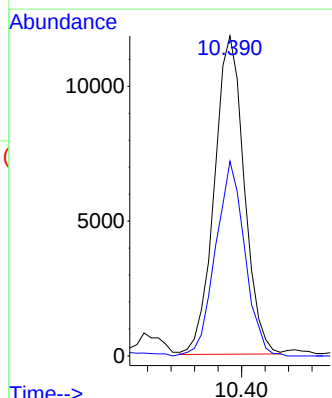
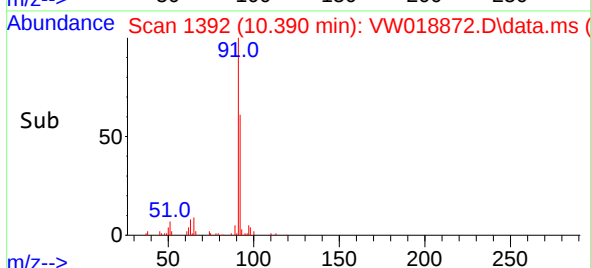
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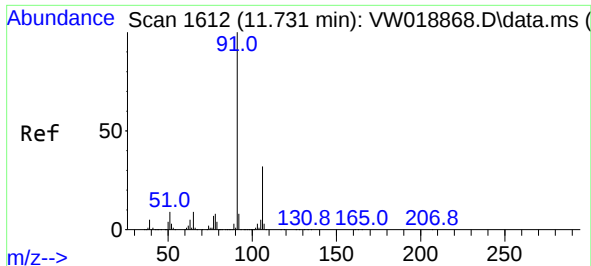


#42
Toluene
Concen: 0.76 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30



Tgt Ion: 91 Resp: 20804
Ion Ratio Lower Upper
91 100
92 60.8 39.5 73.3





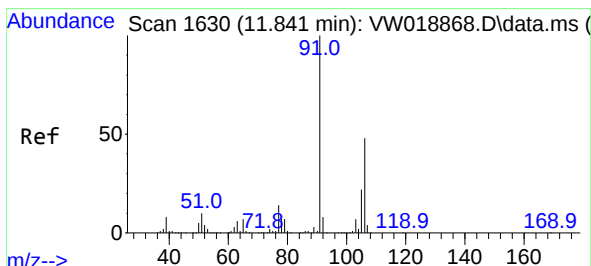
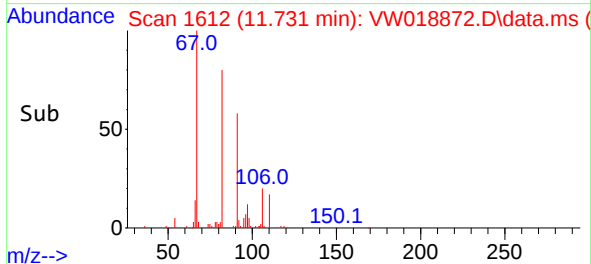
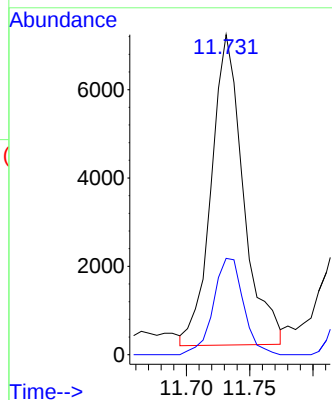
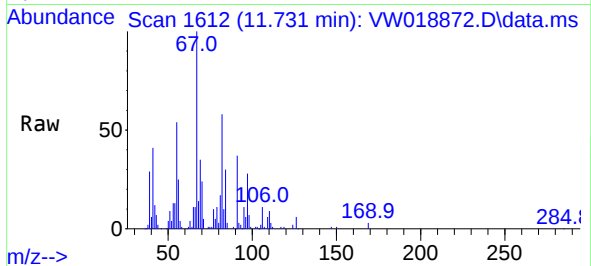
#52
Ethylbenzene
Concen: 0.41 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

Tgt Ion: 91 Resp: 12428
Ion Ratio Lower Upper
91 100
106 30.1 22.5 41.7

Instrument :
MSVOA_W
ClientSampleId :
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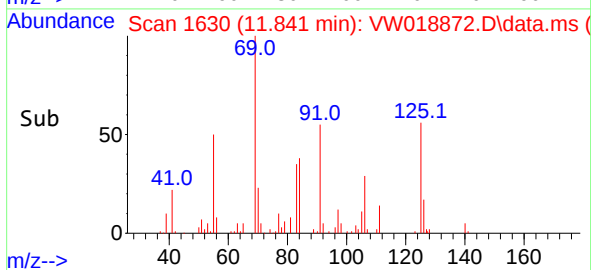
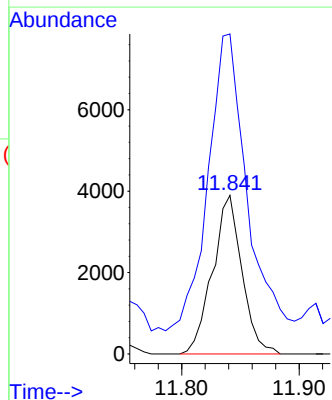
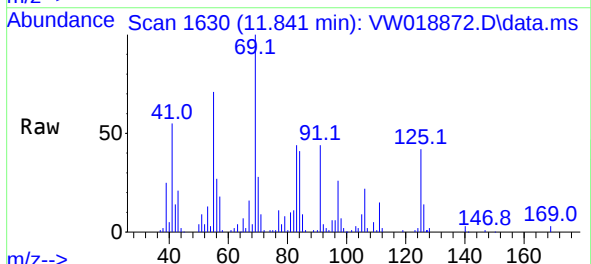
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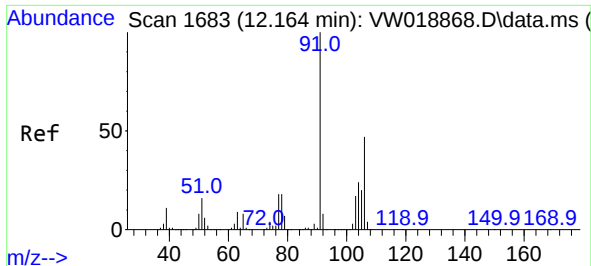
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#53
m,p-Xylene
Concen: 0.60 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

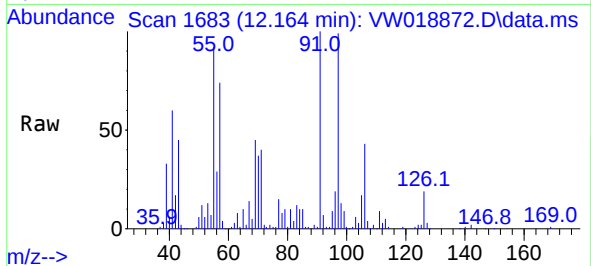
Tgt Ion: 106 Resp: 6786
Ion Ratio Lower Upper
106 100
91 201.7 141.3 262.3





#54
o-Xylene
Concen: 2.89 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

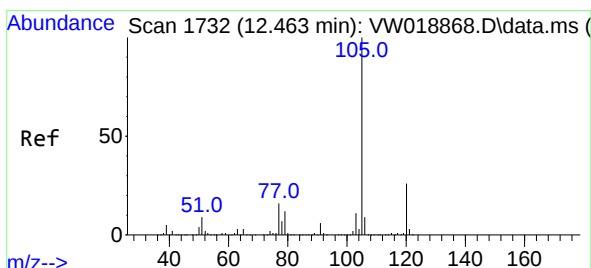
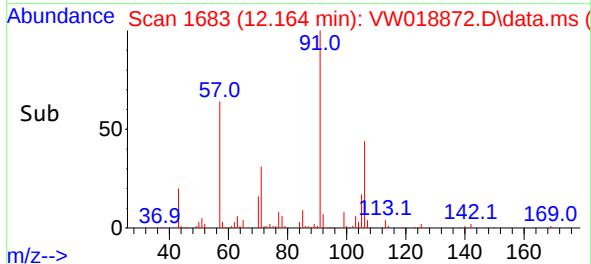
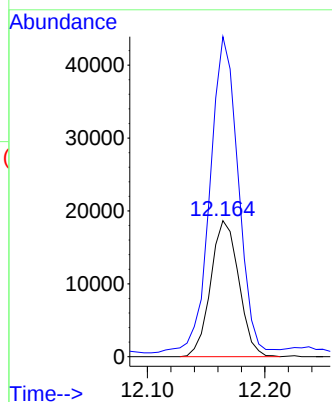
Instrument :
MSVOA_W
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BG595RE



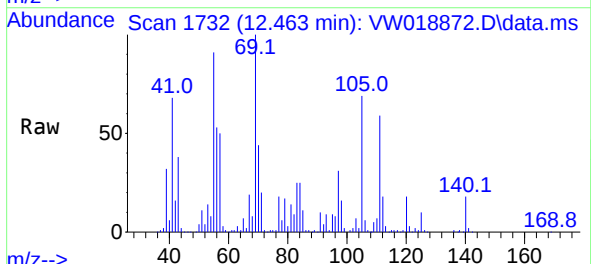
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Ion Ratio Lower Upper
106 100
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Manual Integrations
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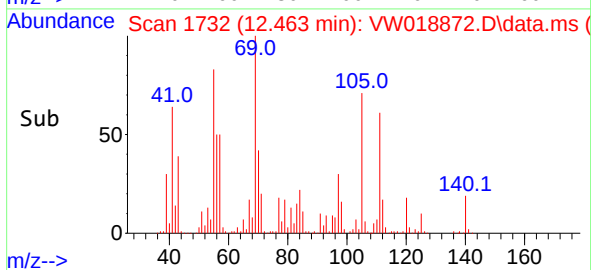
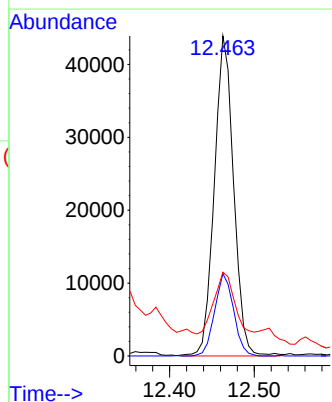
MMDadoda
5/3/2021 2:52:43 PM

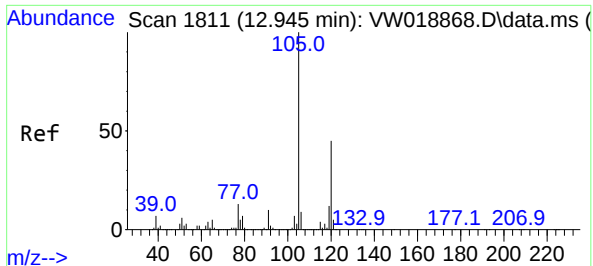


#60
Isopropylbenzene
Concen: 3.67 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30



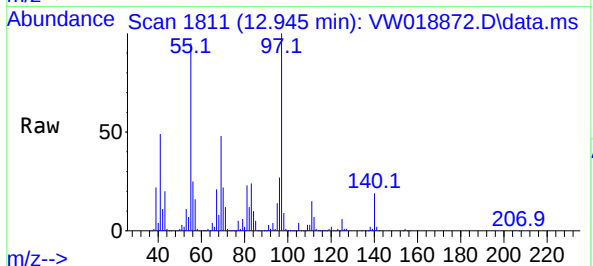
Tgt Ion:105 Resp: 69463
Ion Ratio Lower Upper
105 100
120 85.2 21.1 31.7#
77 44.2 13.2 19.8#





#62
1,3,5-Trimethylbenzene
Concen: 0.93 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30

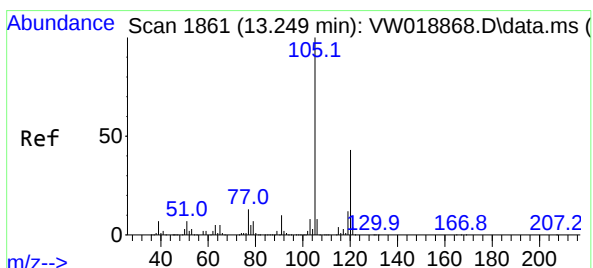
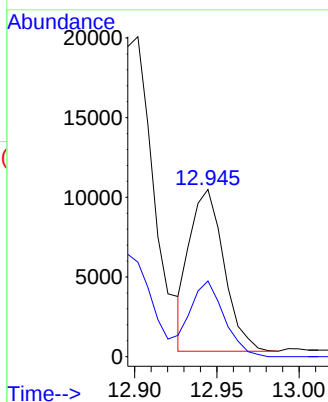
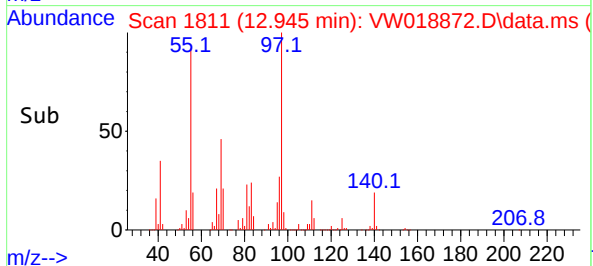
Instrument :
MSVOA_W
ClientSampleId :
BG595RE



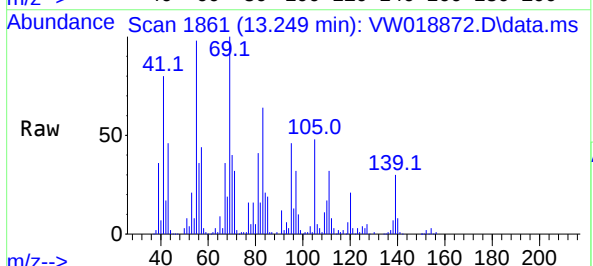
Tgt Ion:105 Resp: 14737
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.6

Manual Integrations
APPROVED

MMDadoda
5/3/2021 2:52:43 PM



#63
1,2,4-Trimethylbenzene
Concen: 2.92 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018872.D
Acq: 30 Apr 2021 11:30



Tgt Ion:105 Resp: 46206
Ion Ratio Lower Upper
105 100
120 40.2 35.6 53.4

