

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018820.D
 Acq On : 28 Apr 2021 15:08
 Operator : SY/VA
 Sample : M2177-04
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

Manual Integrations
 APPROVED

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 4/30/2021 10:48:09 AM

Quant Time: Apr 29 00:15:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	543529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	433697	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160775	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	90178	10.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	43.68%		
7) Chloroethane-d5	2.892	69	85686	11.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.80%		
11) 1,1-Dichloroethene-d2	4.019	63	130837	9.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.48%#		
21) 2-Butanone-d5	7.080	46	85935	45.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.42%		
24) Chloroform-d	7.647	84	293779	19.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.76%		
26) 1,2-Dichloroethane-d4	8.305	65	171411	20.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.76%		
32) Benzene-d6	8.275	84	479678	18.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.40%		
36) 1,2-Dichloropropane-d6	9.274	67	176380	23.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.00%		
41) Toluene-d8	10.323	98	372357	16.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.00%		
43) trans-1,3-Dichloroprop...	10.579	79	65939	20.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.80%		
47) 2-Hexanone-d5	10.927	63	71895	53.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.86%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	154797	24.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.68%		
66) 1,2-Dichlorobenzene-d4	13.853	152	122626	21.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.84%		
Target Compounds						Qvalue
13) Acetone	4.135	43	22130	16.21	ug/L	85
14) Carbon disulfide	4.379	76	18634	0.88	ug/L	96
16) Methylene chloride	4.916	84	37202	4.18	ug/L	93
22) 2-Butanone	7.177	43	8980m	4.33	ug/L	
29) Cyclohexane	7.952	56	6618	0.62	ug/L #	83
35) Methylcyclohexane	9.335	83	12698	1.04	ug/L	91
54) o-Xylene	12.164	106	5046	0.44	ug/L	87
60) Isopropylbenzene	12.463	105	7936m	0.34	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	8018	0.41	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	24107	1.23	ug/L	96

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

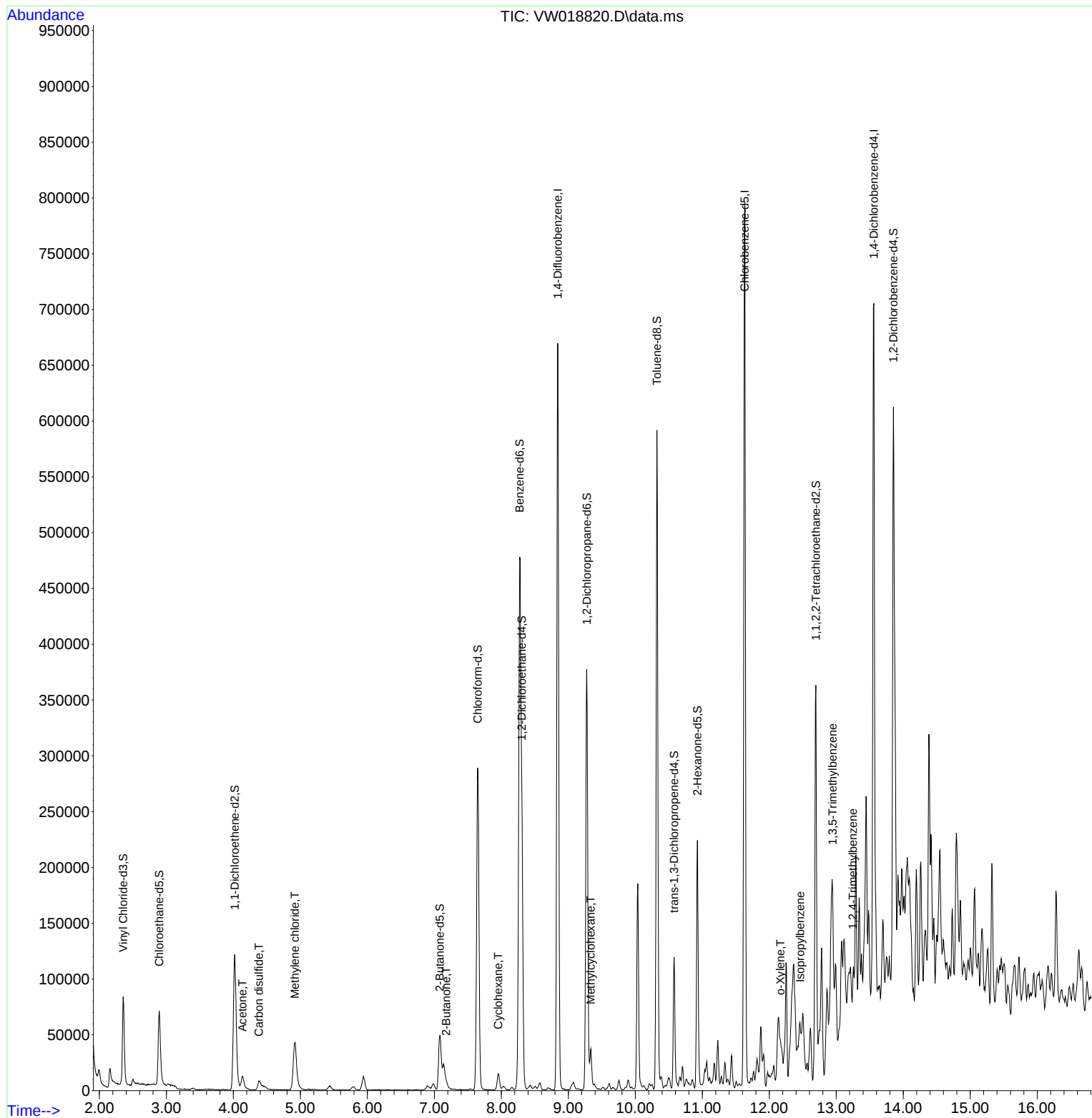
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

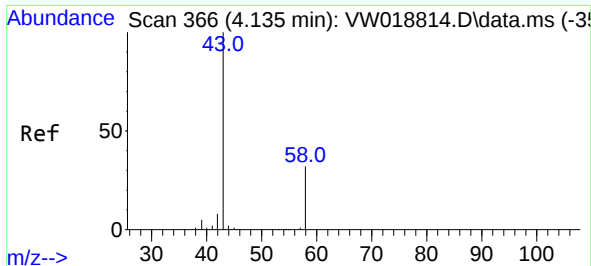
Instrument :
MSVOA_W
ClientSampleId :
BG581

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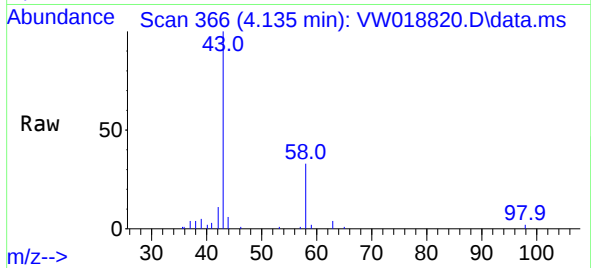
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Quant Time: Apr 29 00:15:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration

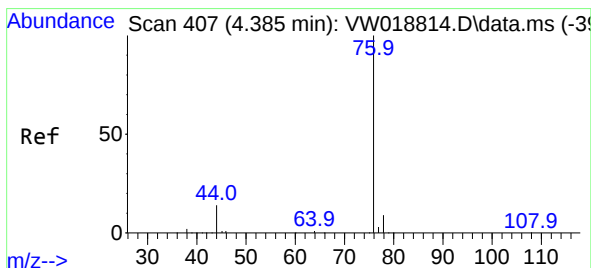
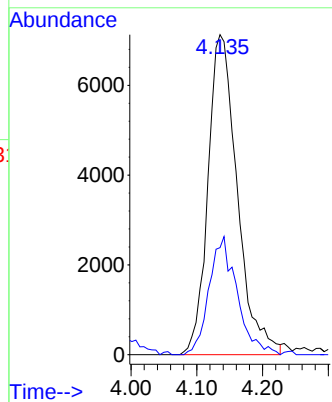
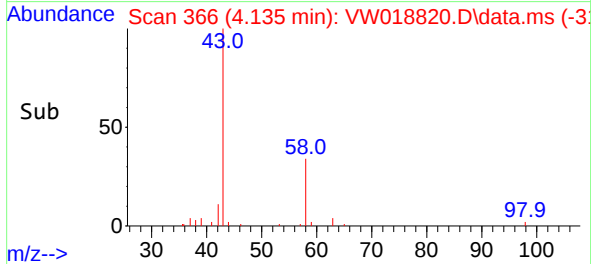




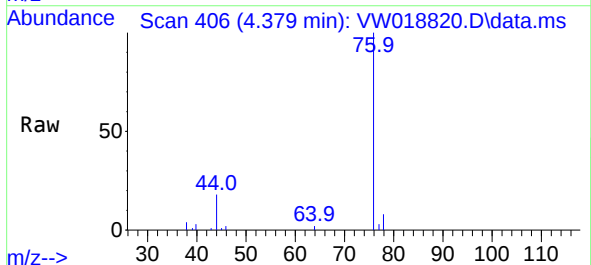
#13
Acetone
Concen: 16.21 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08



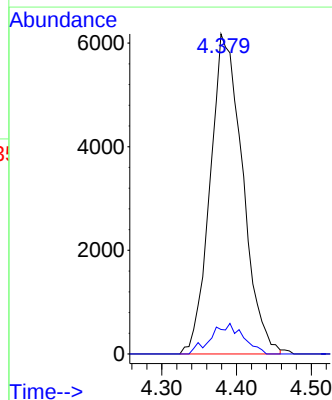
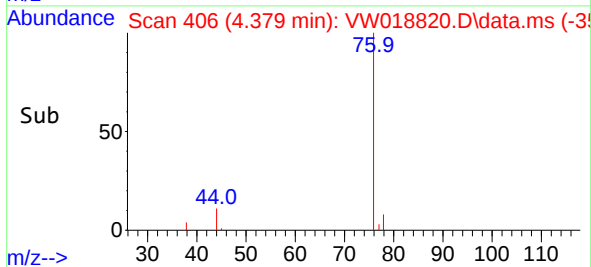
Tgt Ion: 43 Resp: 22130
Ion Ratio Lower Upper
43 100
58 34.6 0.0 53.8



#14
Carbon disulfide
Concen: 0.88 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08



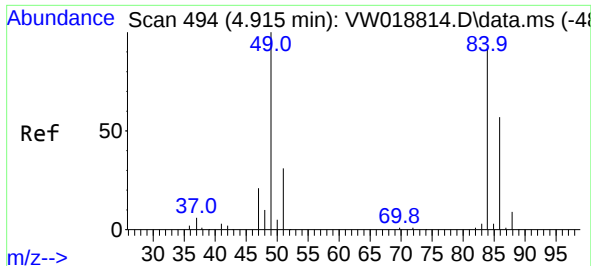
Tgt Ion: 76 Resp: 18634
Ion Ratio Lower Upper
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78 7.6 7.4 11.0



Instrument :
MSVOA_W
ClientSampled :
BG581

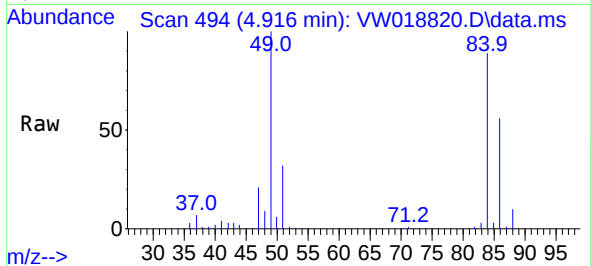
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#16
Methylene chloride
Concen: 4.18 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08

Instrument :
MSVOA_W
ClientSampled :
BG581

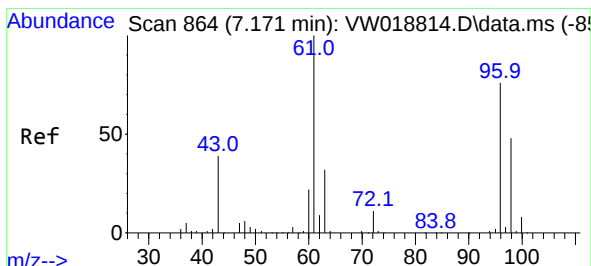
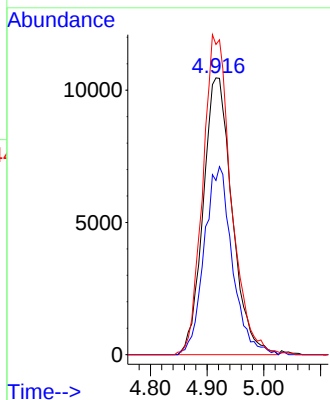
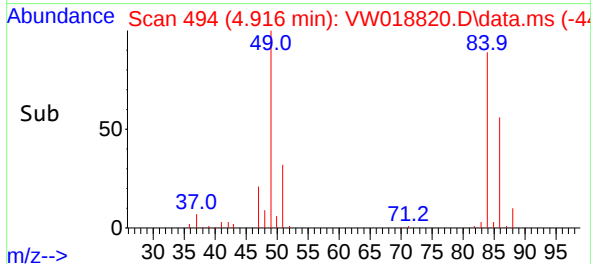


Tgt Ion: 84 Resp: 37202

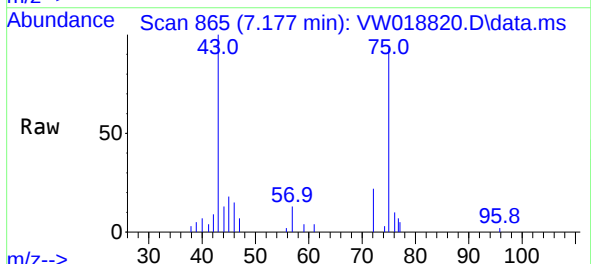
Ion	Ratio	Lower	Upper
84	100		
86	63.0	45.3	84.1
49	112.1	86.6	160.8

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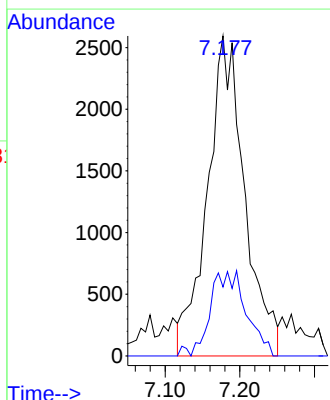
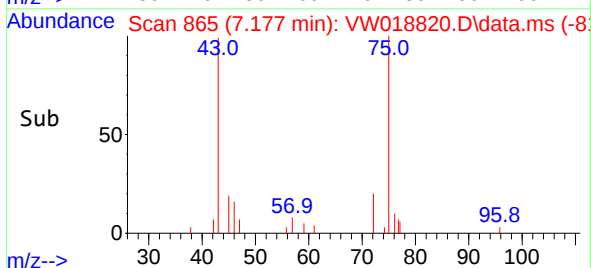


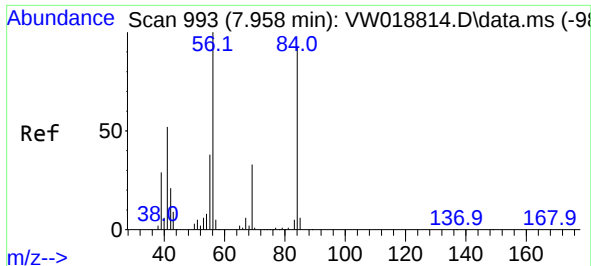
#22
2-Butanone
Concen: 4.33 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08



Tgt Ion: 43 Resp: 8980

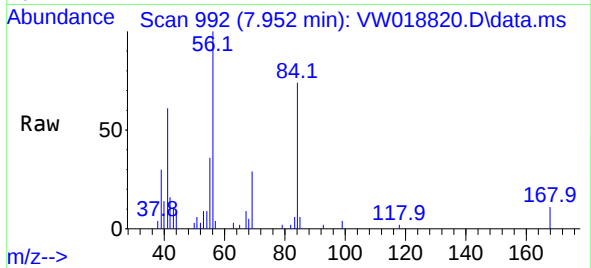
Ion	Ratio	Lower	Upper
43	100		
72	10.3	14.9	44.7#





#29
Cyclohexane
Concen: 0.62 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08

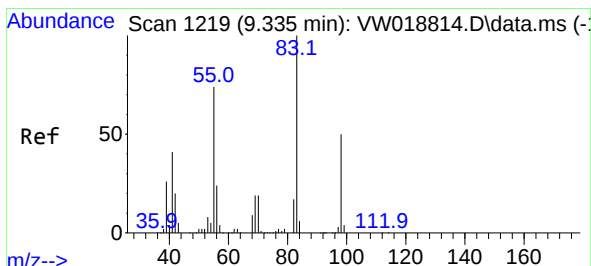
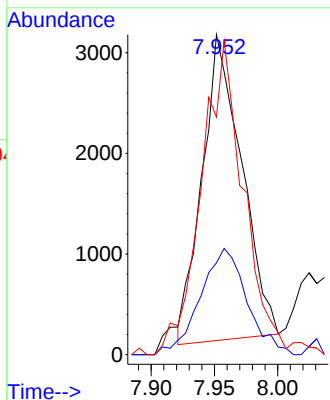
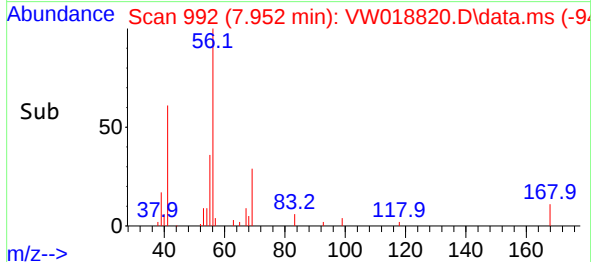
Instrument :
MSVOA_W
ClientSampled :
BG581



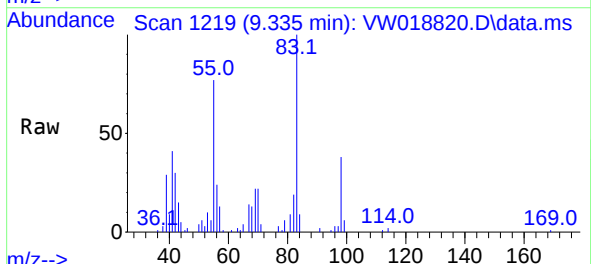
Tgt Ion: 56 Resp: 6618
Ion Ratio Lower Upper
56 100
69 41.0 24.5 36.7#
84 109.0 75.0 112.4

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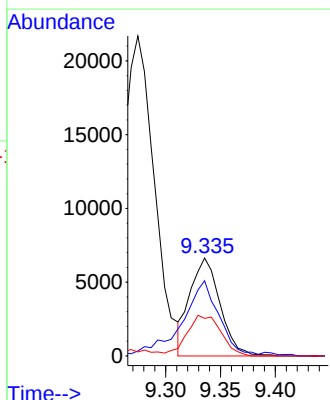
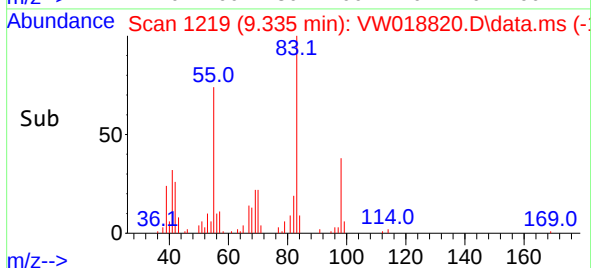
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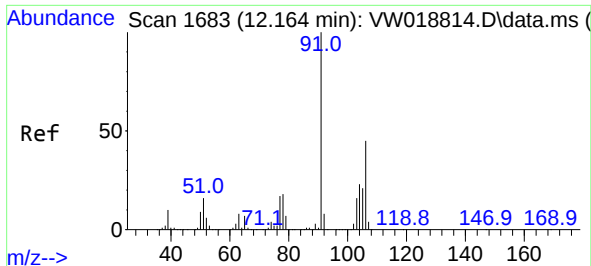


#35
Methylcyclohexane
Concen: 1.04 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08



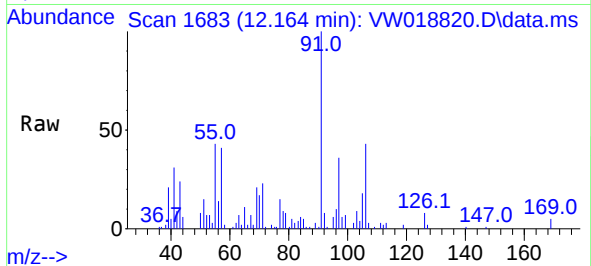
Tgt Ion: 83 Resp: 12698
Ion Ratio Lower Upper
83 100
55 83.7 58.9 88.3
98 46.7 40.1 60.1





#54
o-Xylene
Concen: 0.44 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08

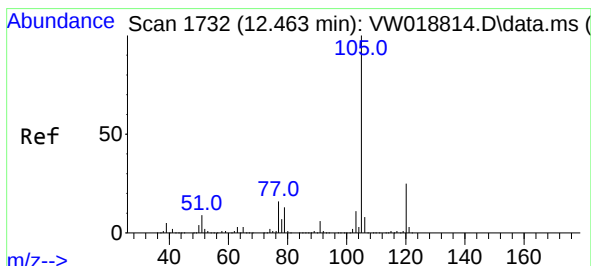
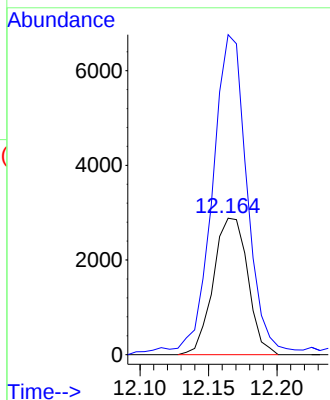
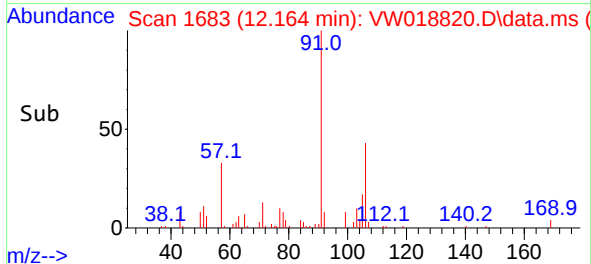
Instrument :
MSVOA_W
ClientSampled :
BG581



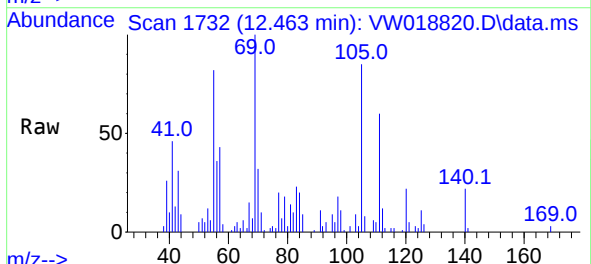
Tgt Ion:106 Resp: 5046
Ion Ratio Lower Upper
106 100
91 234.5 150.0 278.6

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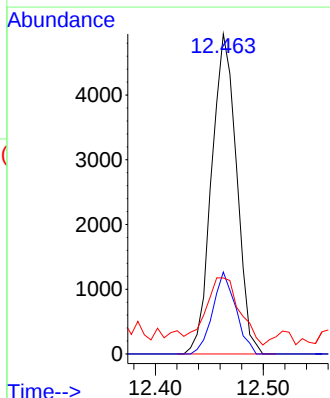
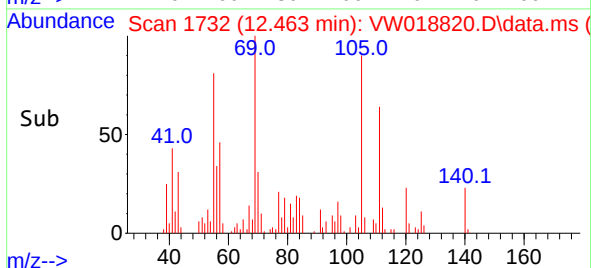
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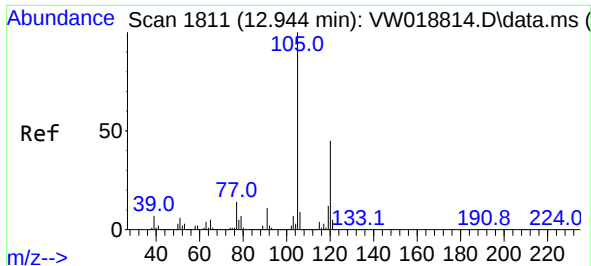


#60
Isopropylbenzene
Concen: 0.34 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08



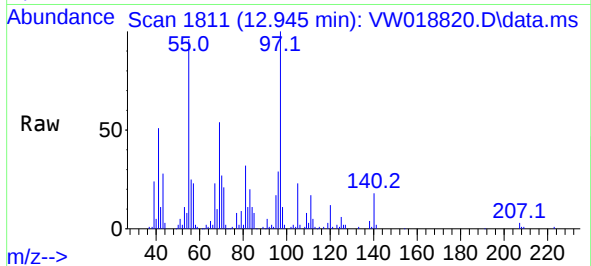
Tgt Ion:105 Resp: 7936
Ion Ratio Lower Upper
105 100
120 122.1 21.1 31.7#
77 59.5 13.2 19.8#





#62
1,3,5-Trimethylbenzene
Concen: 0.41 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08

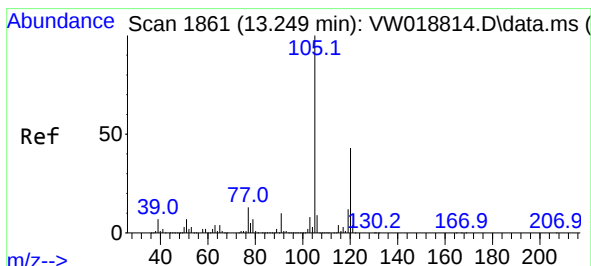
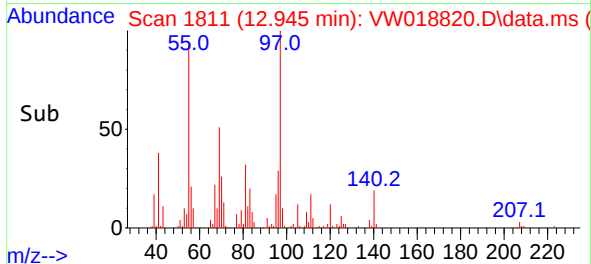
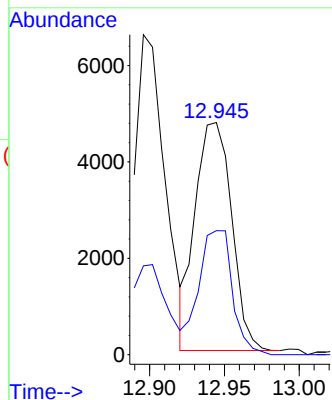
Instrument :
MSVOA_W
ClientSampled :
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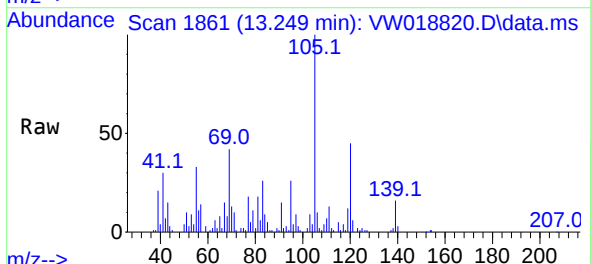
Tgt Ion:105 Resp: 8018
Ion Ratio Lower Upper
105 100
120 50.6 39.0 58.6

Manual Integrations
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4/30/2021 10:48:09 AM



#63
1,2,4-Trimethylbenzene
Concen: 1.23 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018820.D
Acq: 28 Apr 2021 15:08



Tgt Ion:105 Resp: 24107
Ion Ratio Lower Upper
105 100
120 42.2 35.6 53.4

