

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018848.D
 Acq On : 29 Apr 2021 16:18
 Operator : SY/VA
 Sample : M2177-20
 Misc : 3.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG590

Manual Integrations
 APPROVED

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 4/30/2021 4:52:22 PM

Quant Time: Apr 30 02:11:42 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	8.842	114	632879	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	430413	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158942	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	243384	29.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.92%			
7) Chloroethane-d5	2.892	69	183865m	29.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.92%			
11) 1,1-Dichloroethene-d2	4.019	63	320881	19.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.60%			
21) 2-Butanone-d5	7.080	46	114269	54.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.08%			
24) Chloroform-d	7.653	84	426215	25.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.64%			
26) 1,2-Dichloroethane-d4	8.305	65	253912m	27.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.48%			
32) Benzene-d6	8.275	84	854593	35.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 140.56%#			
36) 1,2-Dichloropropane-d6	9.275	67	251903	34.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 139.68%#			
41) Toluene-d8	10.323	98	687316	30.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 121.20%			
43) trans-1,3-Dichloroprop...	10.579	79	99225	30.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 121.04%			
47) 2-Hexanone-d5	10.927	63	98258	76.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.14%#			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	196759	32.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 128.72%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	132367	24.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.20%			
Target Compounds					Qvalue	
13) Acetone	4.135	43	39863	24.60	ug/L	91
14) Carbon disulfide	4.391	76	26527	1.09	ug/L	98
16) Methylene chloride	4.922	84	35582	3.40	ug/L	95
22) 2-Butanone	7.177	43	11816	5.26	ug/L	80
42) Toluene	10.390	91	13625	0.48	ug/L	97

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

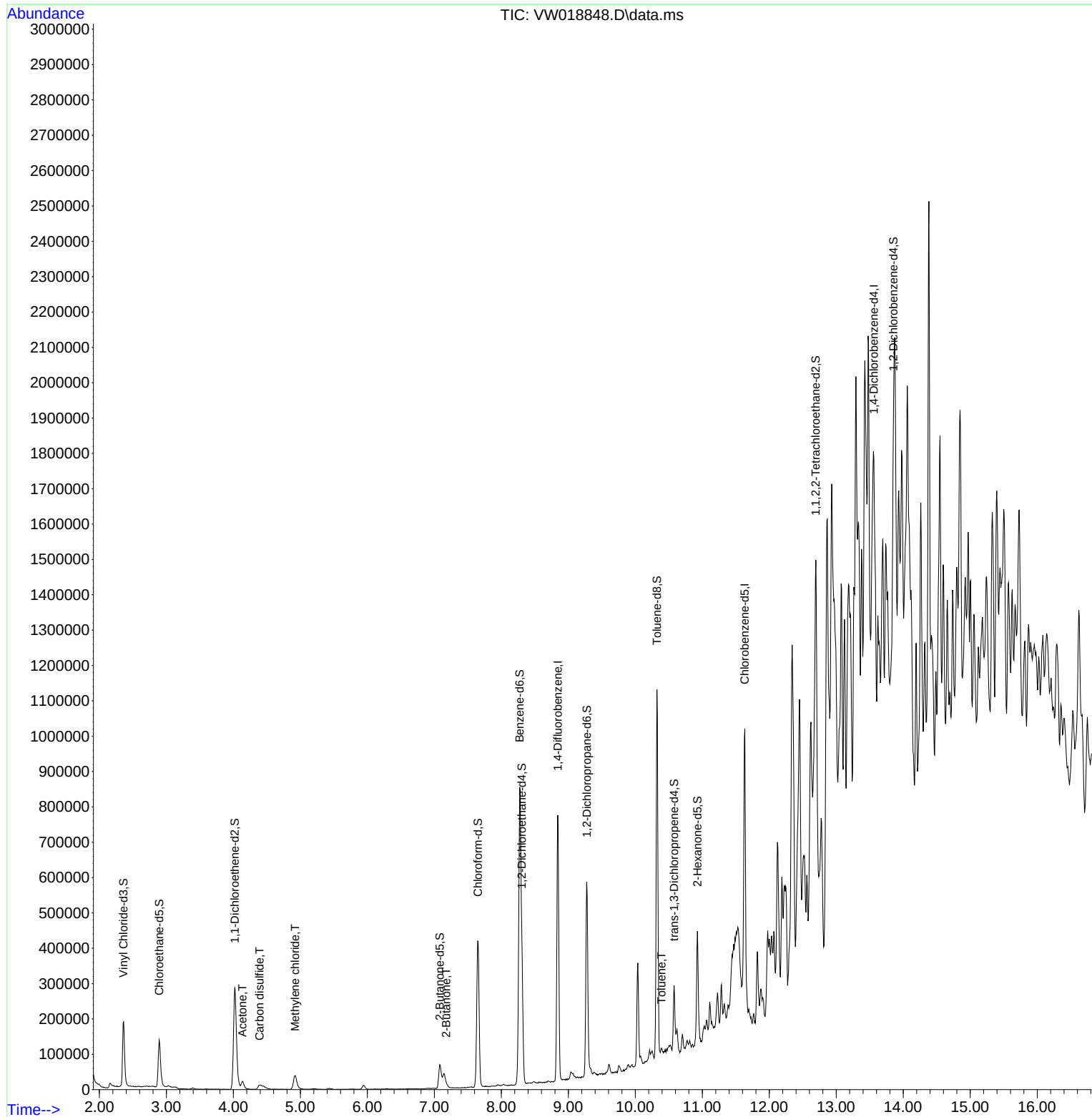
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018848.D
Acq On : 29 Apr 2021 16:18
Operator : SY/VA
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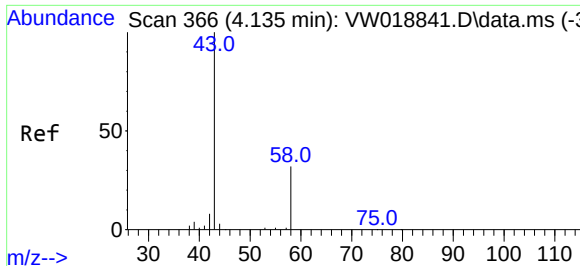
Instrument :
MSVOA_W
ClientSampleId :
BG590

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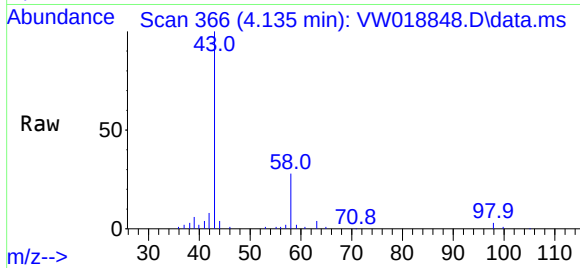
Quant Time: Apr 30 02:11:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 02:09:50 2021
Response via : Initial Calibration





#13
Acetone
Concen: 24.60 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

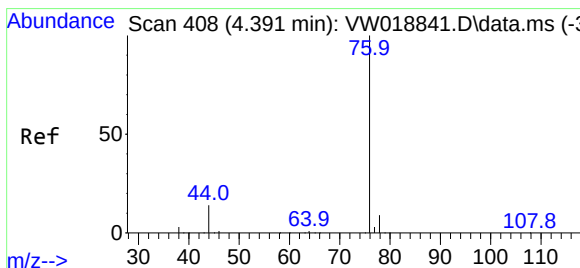
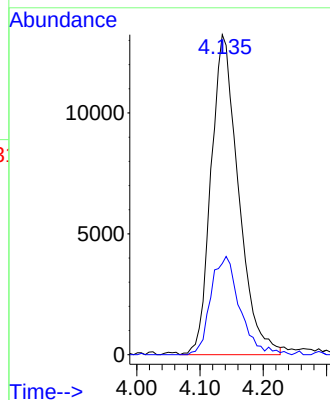
Instrument :
MSVOA_W
ClientSampled :
BG590



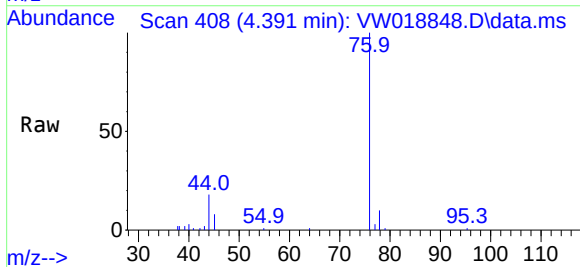
Tgt Ion: 43 Resp: 39863
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8

Manual Integrations
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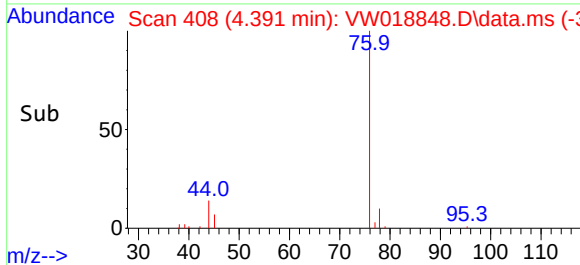
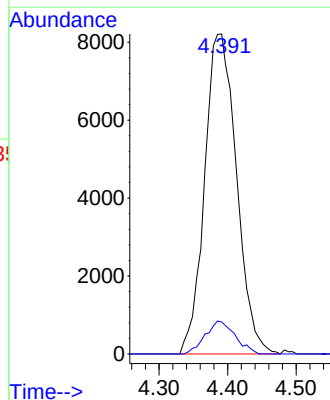
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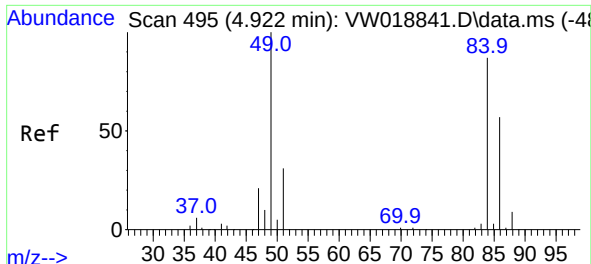


#14
Carbon disulfide
Concen: 1.09 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18



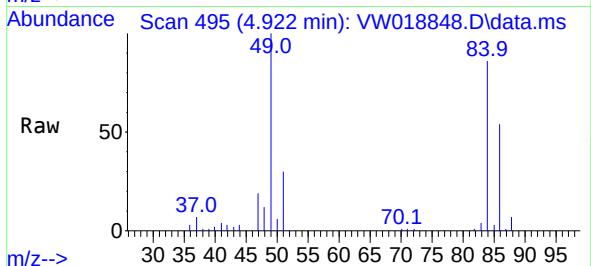
Tgt Ion: 76 Resp: 26527
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0





#16
Methylene chloride
Concen: 3.40 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

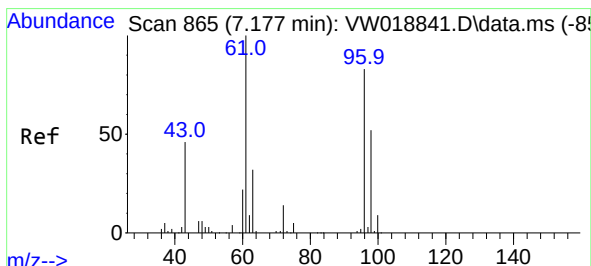
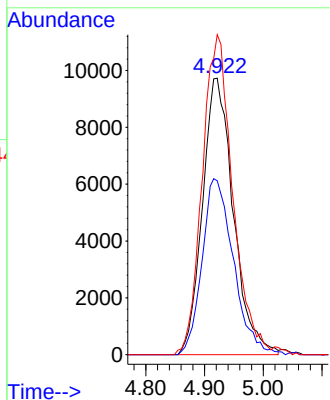
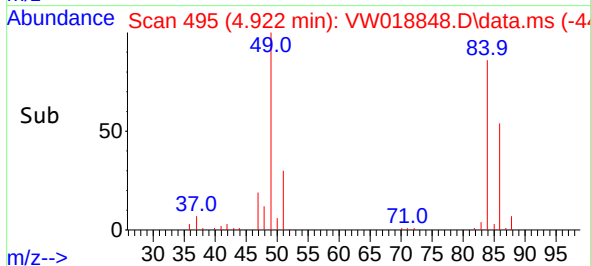
Instrument :
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BG590



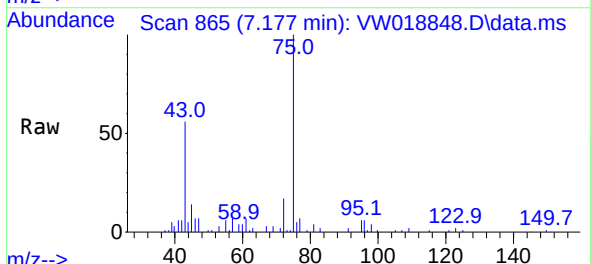
Tgt Ion: 84 Resp: 35582
Ion Ratio Lower Upper
84 100
86 62.9 45.3 84.1
49 115.7 86.6 160.8

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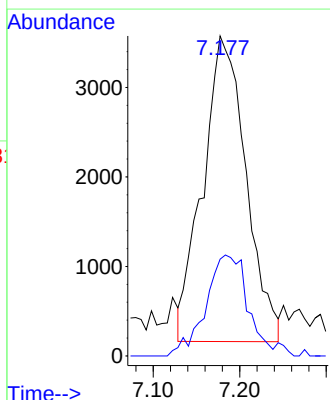
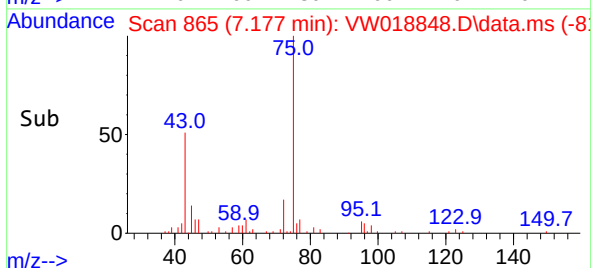
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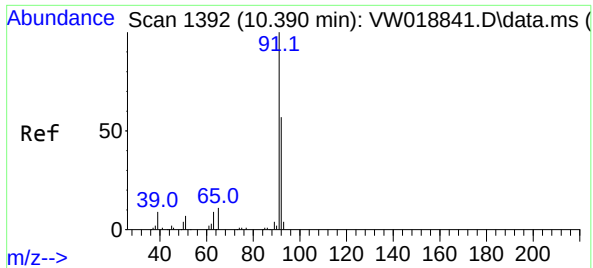


#22
2-Butanone
Concen: 5.26 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18



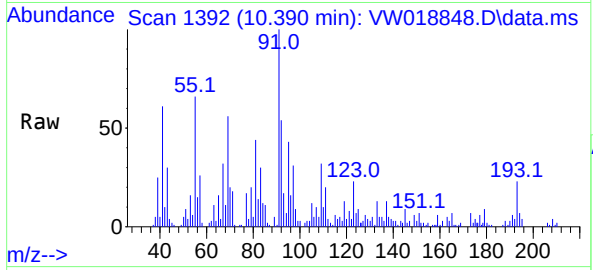
Tgt Ion: 43 Resp: 11816
Ion Ratio Lower Upper
43 100
72 18.9 14.9 44.7





#42
Toluene
Concen: 0.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampleId :
BG590



Tgt Ion: 91 Resp: 13625
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3

Manual Integrations
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