

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018757.D
 Acq On : 23 Apr 2021 14:57
 Operator : SY/VA
 Sample : M2121-03RE
 Misc : 2.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG512RE

Manual Integrations
 APPROVED

SAM
 4/27/2021 5:45:42 PM

Quant Time: Apr 24 00:17:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	461923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	347085	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	102658	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94963	13.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.12%		
7) Chloroethane-d5	2.892	69	89673	14.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.64%		
11) 1,1-Dichloroethene-d2	4.019	63	122140	10.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.08%#		
21) 2-Butanone-d5	7.074	46	83101	52.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.02%		
24) Chloroform-d	7.653	84	268970	21.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.88%		
26) 1,2-Dichloroethane-d4	8.305	65	153528m	21.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.16%		
32) Benzene-d6	8.275	84	446195	21.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.64%		
36) 1,2-Dichloropropane-d6	9.275	67	160697	26.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.76%		
41) Toluene-d8	10.323	98	329177	17.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.72%		
43) trans-1,3-Dichloroprop...	10.579	79	44080	16.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.48%		
47) 2-Hexanone-d5	10.927	63	67645	63.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.80%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	129340	25.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.96%		
66) 1,2-Dichlorobenzene-d4	13.853	152	77693	21.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.16%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	75944	65.48	ug/L	86
14) Carbon disulfide	4.385	76	168590	9.33	ug/L	100
16) Methylene chloride	4.922	84	15132	2.00	ug/L	91
22) 2-Butanone	7.177	43	28982	16.44	ug/L	98
42) Toluene	10.390	91	7074	0.30	ug/L	93

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

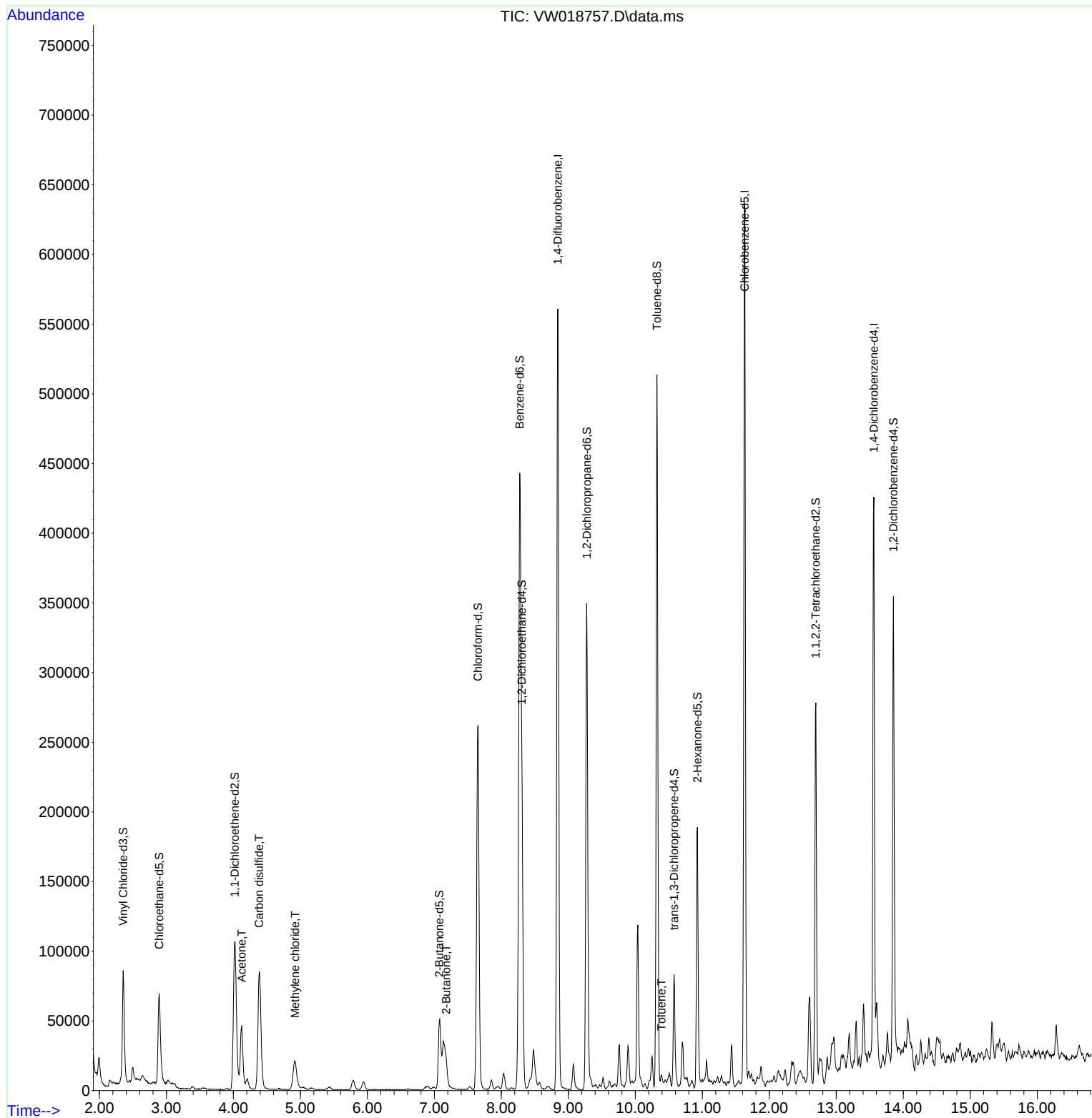
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
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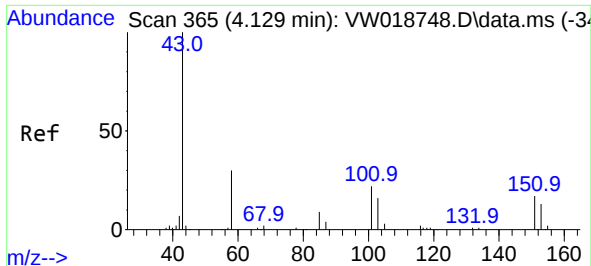
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Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
Response via : Initial Calibration





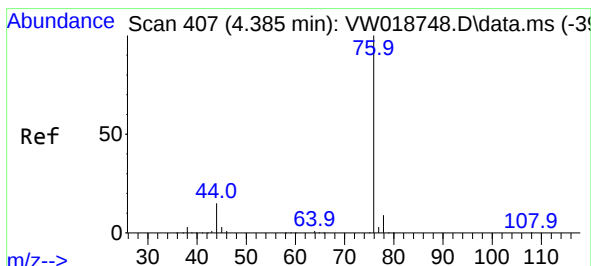
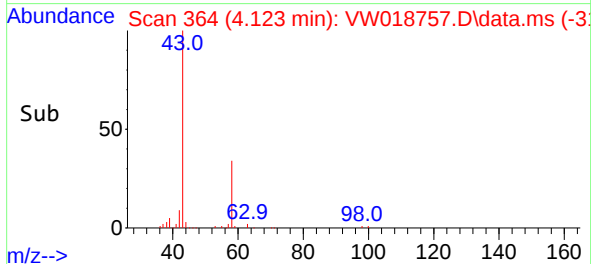
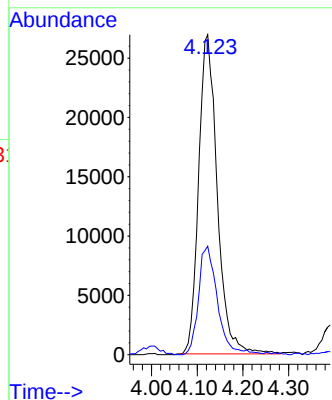
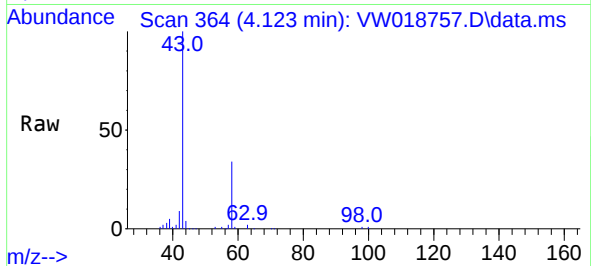
#13
Acetone
Concen: 65.48 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018757.D
Acq: 23 Apr 2021 14:57

Tgt Ion: 43 Resp: 75944
Ion Ratio Lower Upper
43 100
58 34.0 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG512RE

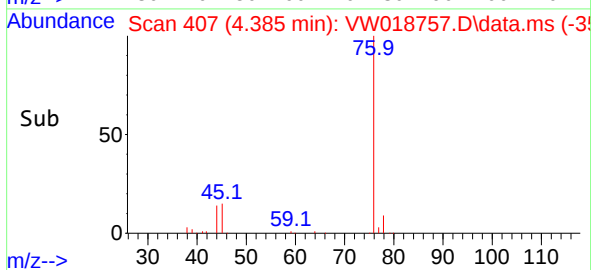
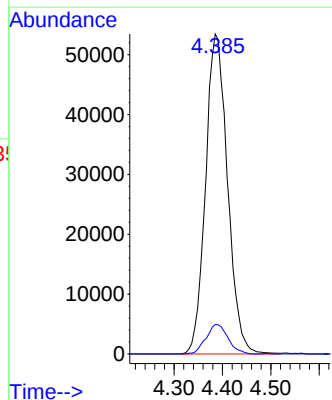
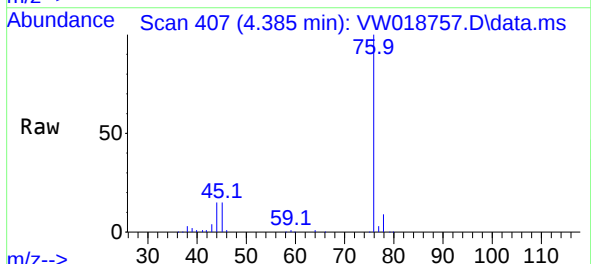
Manual Integrations
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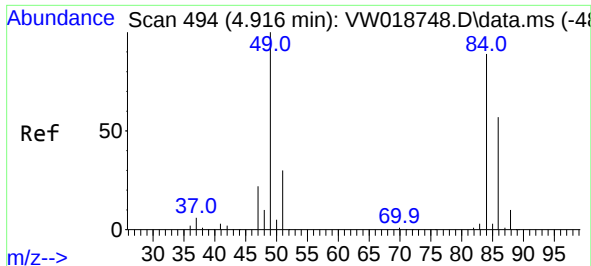
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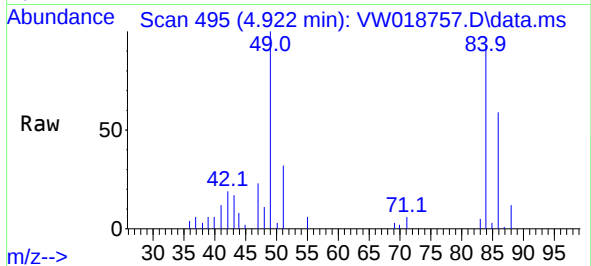
#14
Carbon disulfide
Concen: 9.33 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018757.D
Acq: 23 Apr 2021 14:57

Tgt Ion: 76 Resp: 168590
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



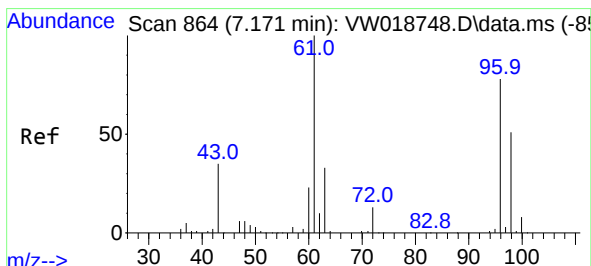
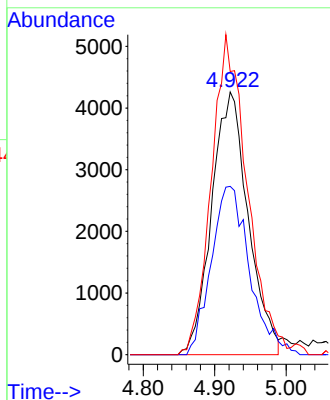
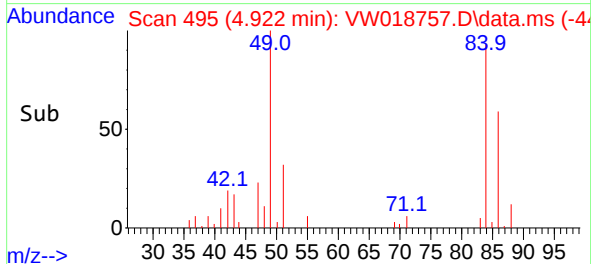


#16
Methylene chloride
Concen: 2.00 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018757.D
Acq: 23 Apr 2021 14:57

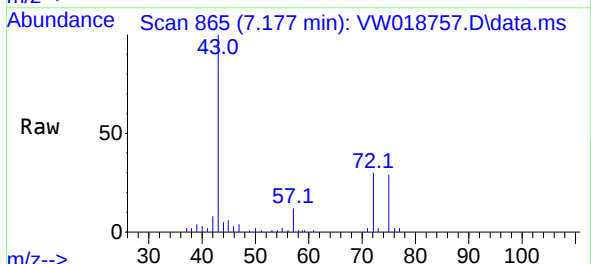


Tgt Ion: 84 Resp: 15132

Ion	Ratio	Lower	Upper
84	100		
86	64.1	45.3	84.1
49	107.8	86.6	160.8

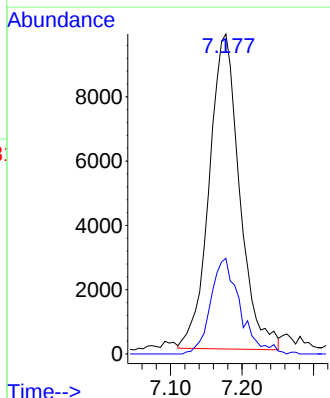
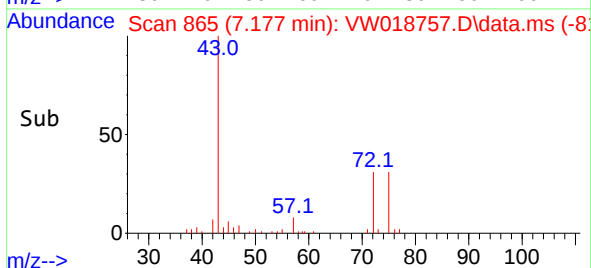


#22
2-Butanone
Concen: 16.44 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018757.D
Acq: 23 Apr 2021 14:57



Tgt Ion: 43 Resp: 28982

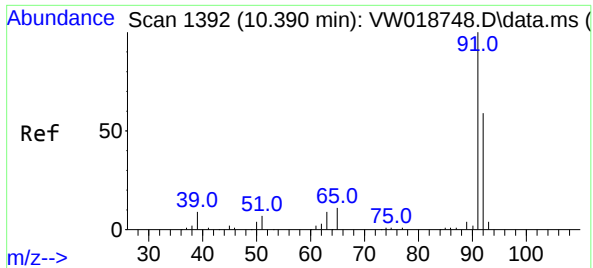
Ion	Ratio	Lower	Upper
43	100		
72	28.7	14.9	44.7



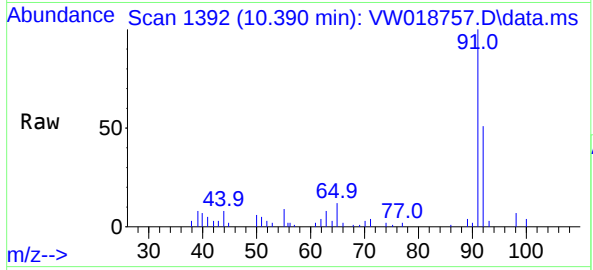
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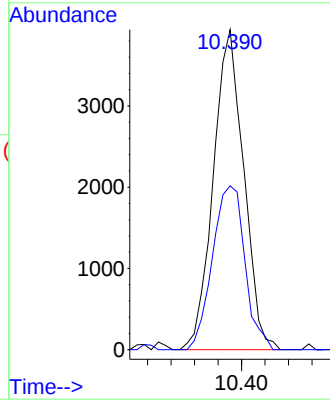
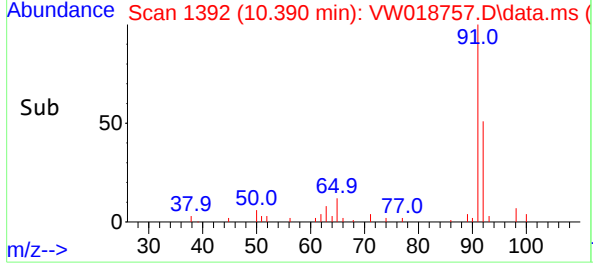
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#42
Toluene
Concen: 0.30 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018757.D
Acq: 23 Apr 2021 14:57



Tgt Ion: 91 Resp: 7074
Ion Ratio Lower Upper
91 100
92 51.2 39.5 73.3



Instrument :
MSVOA_W
ClientSampleId :
BG512RE

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