Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
Data File : VW019455.D
Acq On : 13 Jul 2021 01:48
Operator : SY/VA
Sample : M2978-06
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG7K7

Quant Time: Jul 13 04:40:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 13 04:35:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	564616	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	514962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	240517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115580	14.448	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.800%			
7) Chloroethane-d5	2.898	69	98256	17.223	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.880%			
11) 1,1-Dichloroethene-d2	4.025	63	194426	12.596	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.400%			
21) 2-Butanone-d5	7.080	46	73862	31.811	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.620%			
24) Chloroform-d	7.647	84	288908	18.519	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 74.080%			
26) 1,2-Dichloroethane-d4	8.305	65	156294	18.256	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.040%			
32) Benzene-d6	8.275	84	589268	19.223	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.880%			
36) 1,2-Dichloropropane-d6	9.274	67	186022	19.470	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.880%			
41) Toluene-d8	10.323	98	532853	19.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.120%			
43) trans-1,3-Dichloroprop...	10.579	79	60872	14.877	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 59.520%			
47) 2-Hexanone-d5	10.927	63	55096	31.083	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.160%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	134631	17.439	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	176156	20.758	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.040%			
Target Compounds						Qvalue
13) Acetone	4.123	43	22337	13.056	ug/L	88
14) Carbon disulfide	4.385	76	12628	0.535	ug/L	100
16) Methylene chloride	4.922	84	45264	4.021	ug/L	97
22) 2-Butanone	7.183	43	6500	2.455	ug/L	79

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

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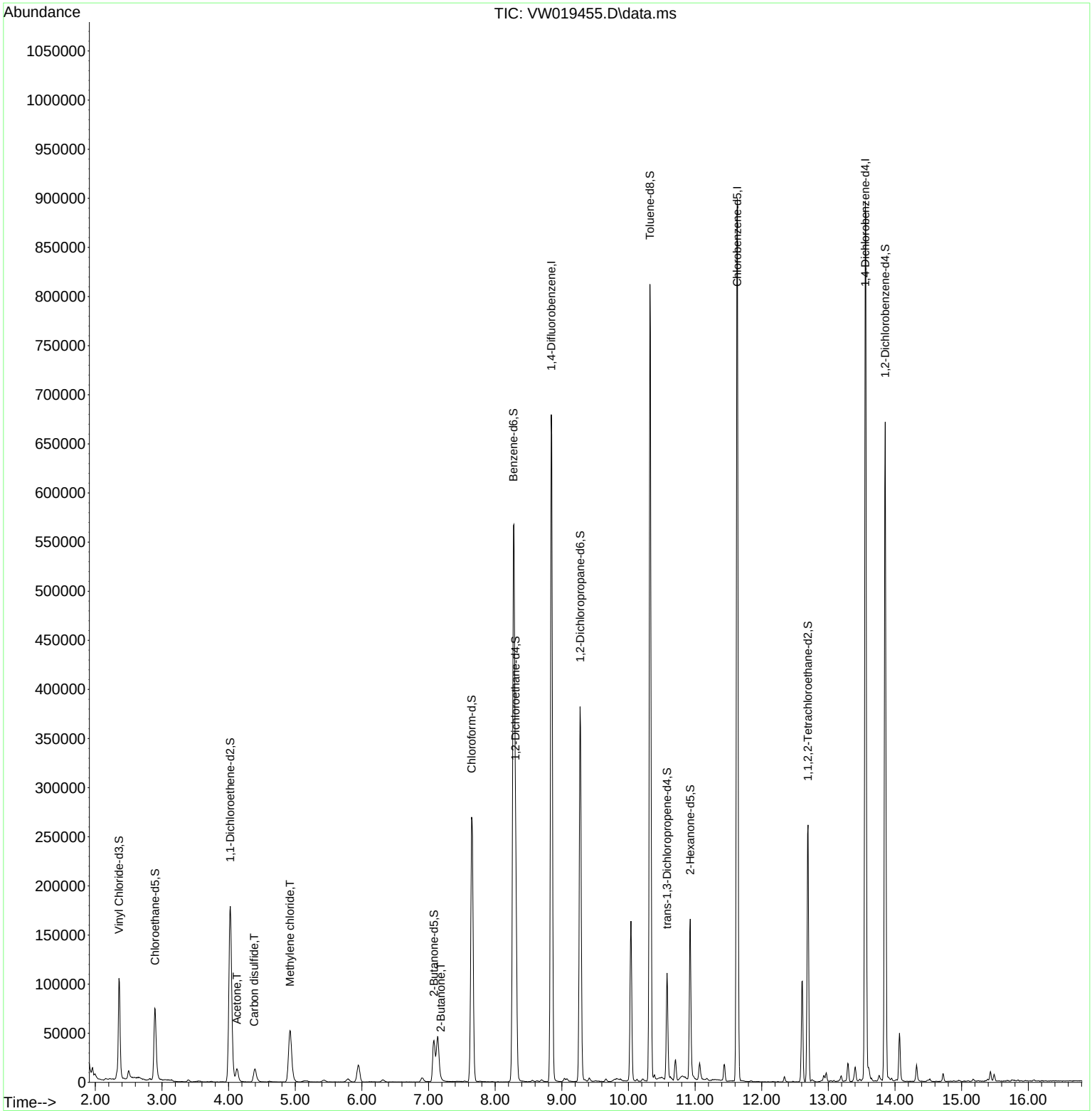
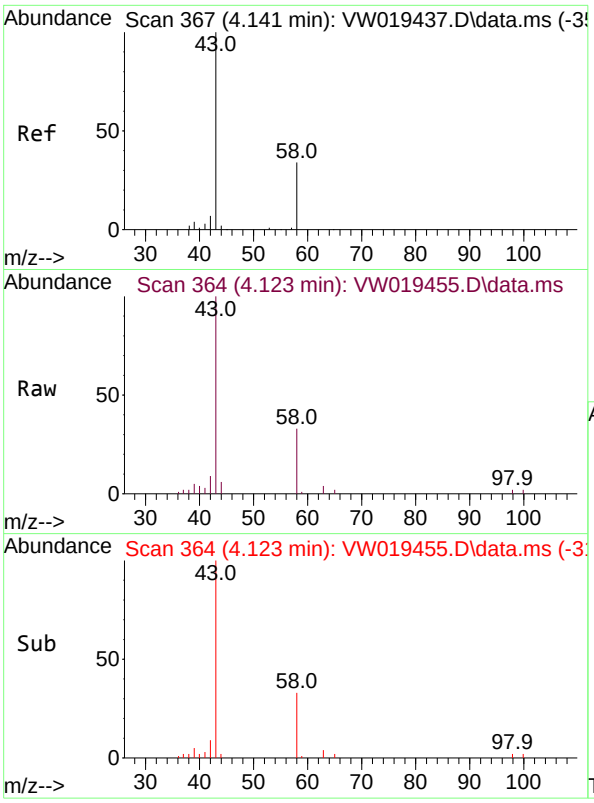


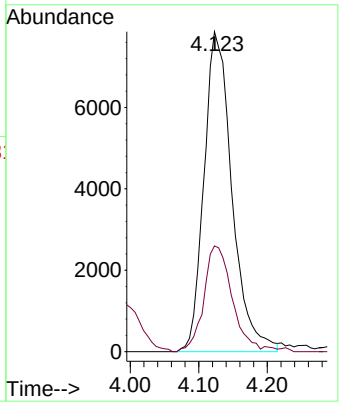
Instrument :
MSVOA_W
ClientSampleId :
BG7K7

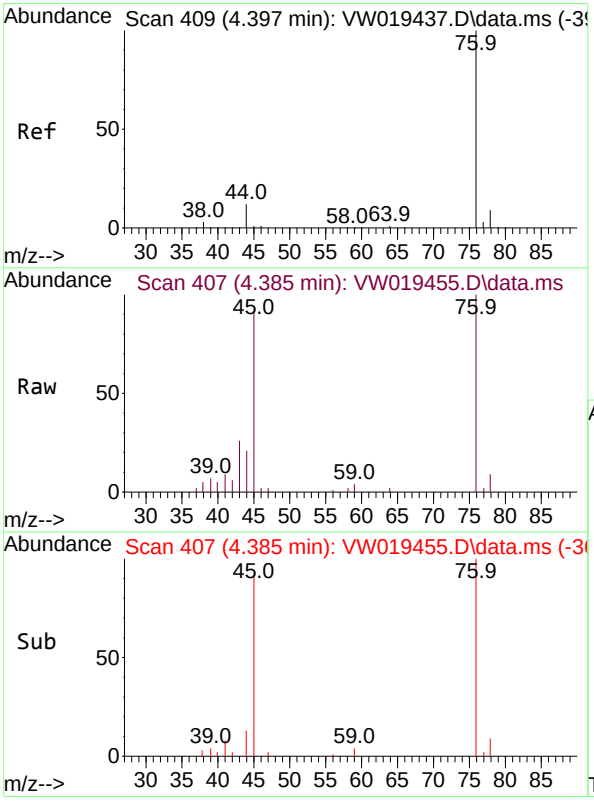


#13
Acetone
Concen: 13.056 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW019455.D
Acq: 13 Jul 2021 01:48

Tgt Ion: 43 Resp: 22337

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	53.8

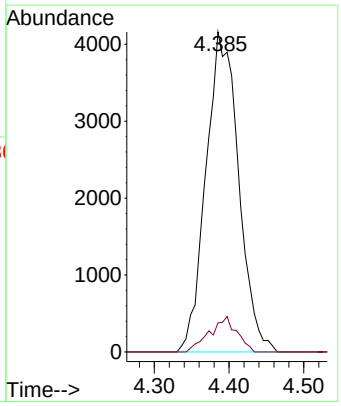




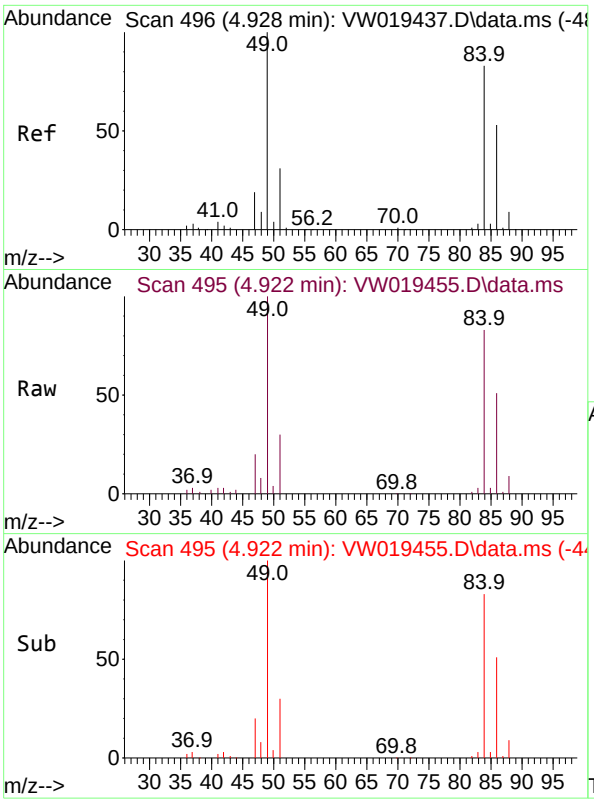
#14
Carbon disulfide
Concen: 0.535 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.012 min
Lab File: VW019455.D
Acq: 13 Jul 2021 01:48

Tgt Ion: 76 Resp: 12628

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0



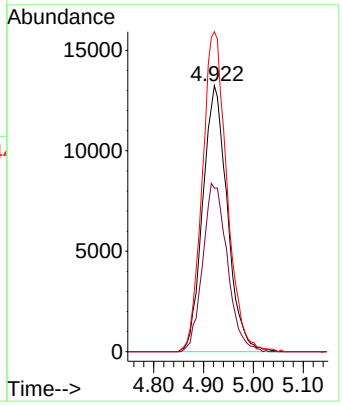
Instrument :
MSVOA_W
ClientSampleId :
BG7K7

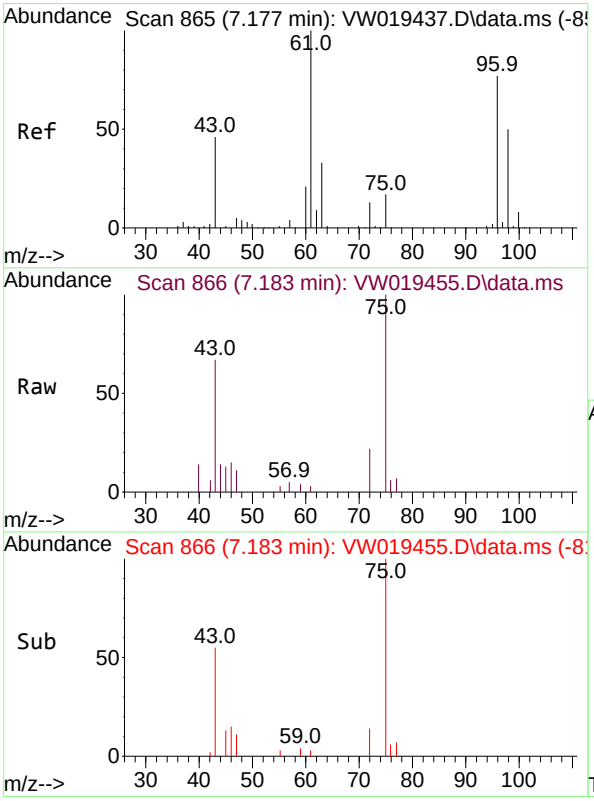


#16
Methylene chloride
Concen: 4.021 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019455.D
Acq: 13 Jul 2021 01:48

Tgt Ion: 84 Resp: 45264

Ion	Ratio	Lower	Upper
84	100		
86	61.5	45.3	84.1
49	120.3	86.6	160.8





#22
2-Butanone
Concen: 2.455 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019455.D
Acq: 13 Jul 2021 01:48

Tgt Ion: 43 Resp: 6500

Ion	Ratio	Lower	Upper
43	100		
72	18.3	14.9	44.7