Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
Data File : VW024655.D
Acq On : 28 Sep 2022 13:54
Operator : SY/VA
Sample : N4858-02RE
Misc : 6.57g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF4RE

Quant Time: Sep 29 04:44:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 29 04:41:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	680088	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	479255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	109596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	88002	12.368	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.480%			
7) Chloroethane-d5	2.891	69	57235	13.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 55.360%			
11) 1,1-Dichloroethene-d2	4.019	63	155738	9.456	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 37.840%#			
21) 2-Butanone-d5	7.079	46	114736	44.850	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.700%			
24) Chloroform-d	7.652	84	296068	16.284	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 65.120%			
26) 1,2-Dichloroethane-d4	8.311	65	153491	16.274	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.080%#			
32) Benzene-d6	8.274	84	548769	17.915	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 71.640%			
36) 1,2-Dichloropropane-d6	9.274	67	190161	20.318	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.280%			
41) Toluene-d8	10.323	98	425483	15.541	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.160%			
43) trans-1,3-Dichloroprop...	10.579	79	64350	15.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 61.760%			
47) 2-Hexanone-d5	10.926	63	82380	51.444	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.880%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127506	19.120	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	61236	15.878	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 63.520%#			
Target Compounds						Qvalue
13) Acetone	4.135	43	10482	5.616	ug/L	97
14) Carbon disulfide	4.385	76	51461	1.832	ug/L	96
16) Methylene chloride	4.921	84	93082	6.969	ug/L	98
46) Tetrachloroethene	10.865	164	26788	4.637	ug/L	93

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

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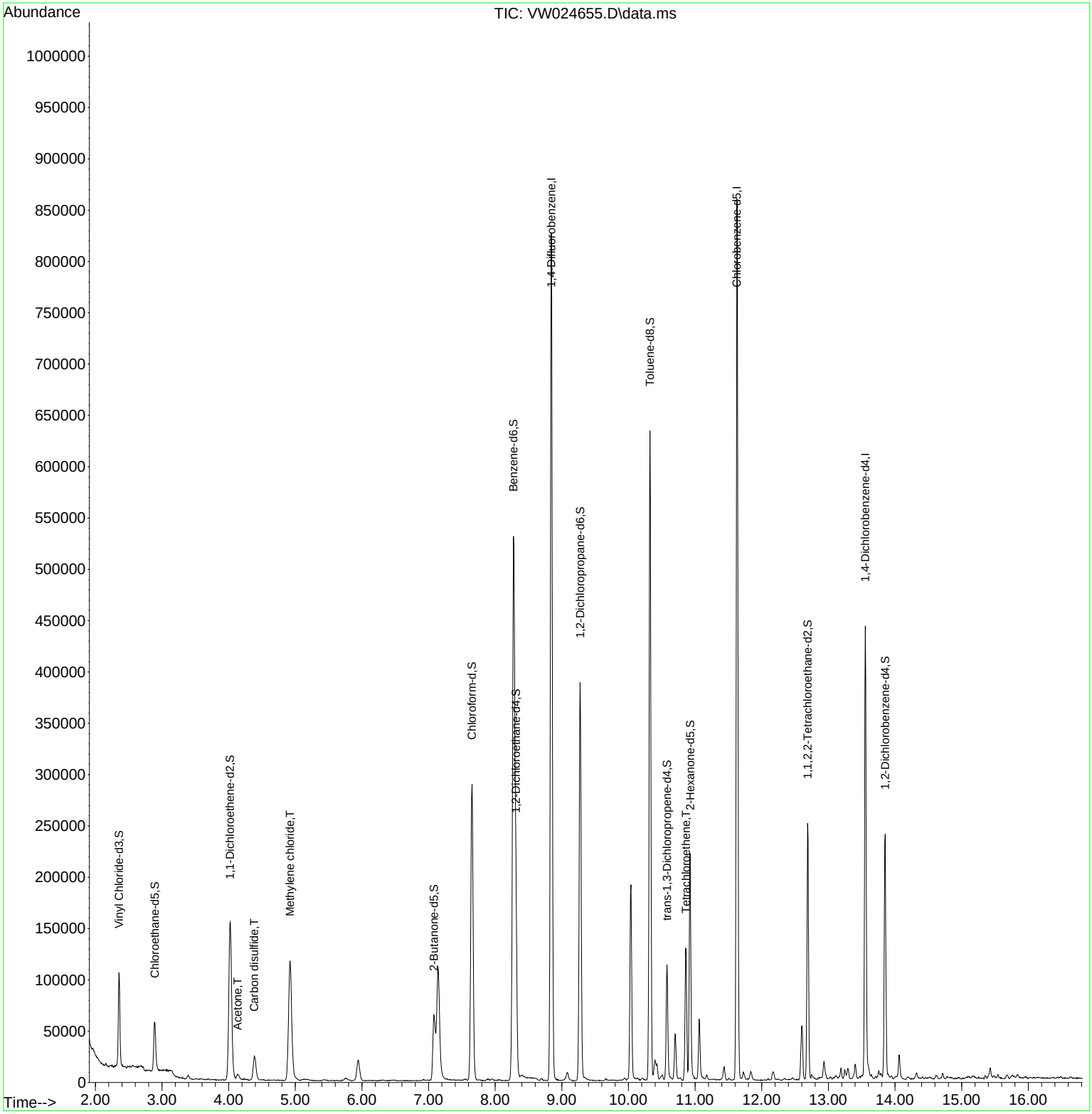
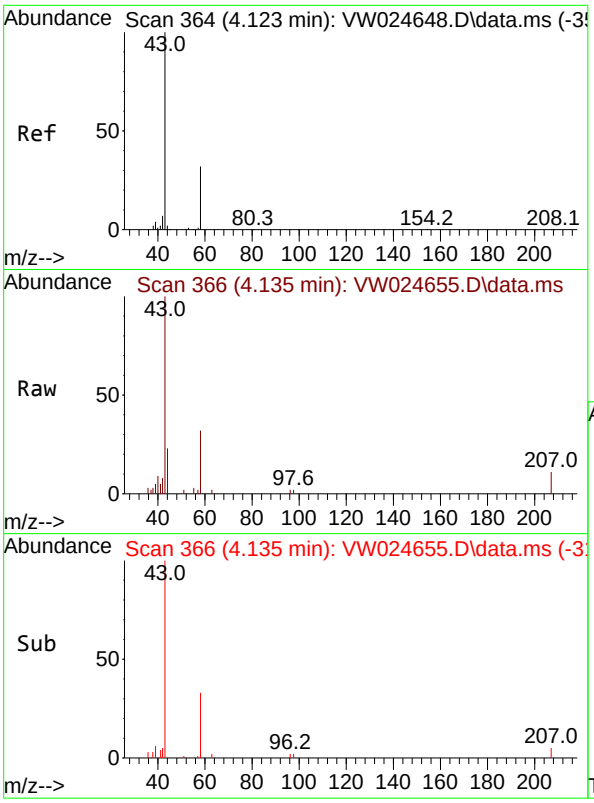


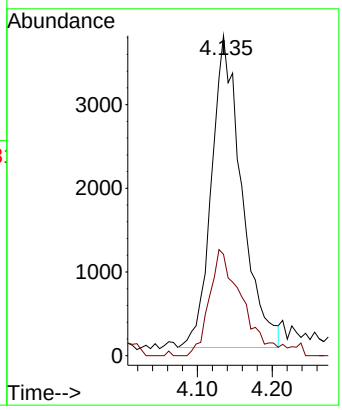


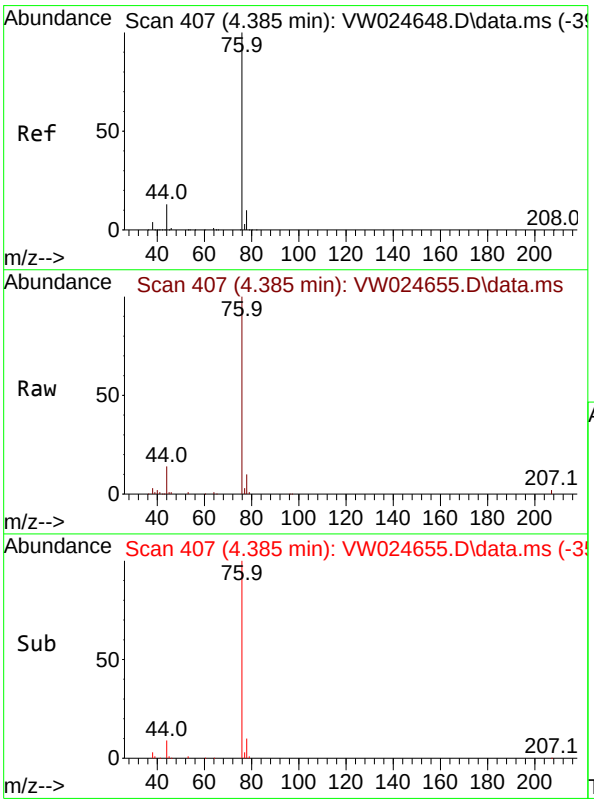
#13
Acetone
Concen: 5.616 ug/L
RT: 4.135 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW024655.D
Acq: 28 Sep 2022 13:54

Instrument :
MSVOA_W
ClientSampleId :
BGSF4RE

Tgt Ion: 43 Resp: 10482

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	67.6

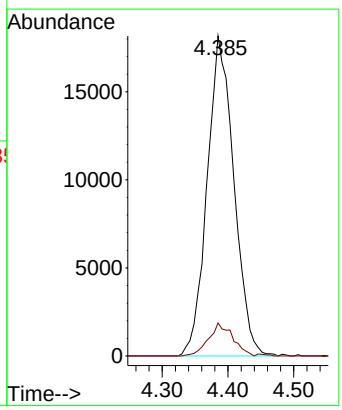


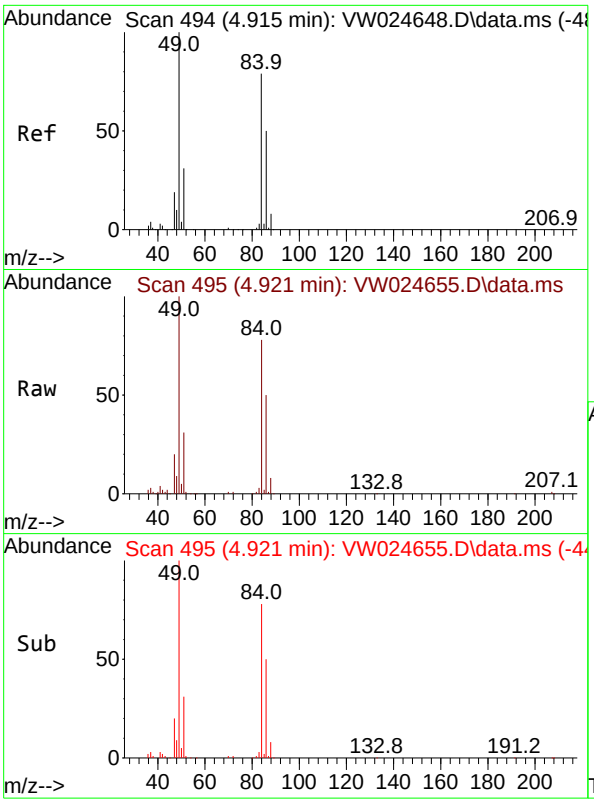


#14
Carbon disulfide
Concen: 1.832 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW024655.D
Acq: 28 Sep 2022 13:54

Tgt Ion: 76 Resp: 51461

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.2	10.8



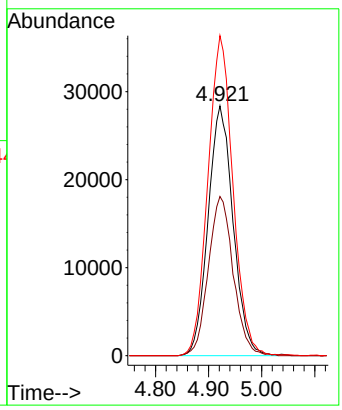


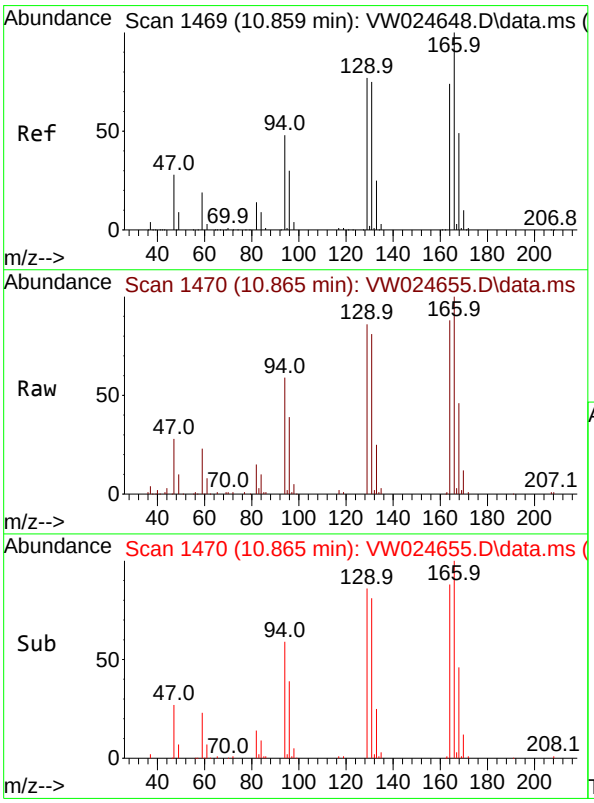
#16
Methylene chloride
Concen: 6.969 ug/L
RT: 4.921 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW024655.D
Acq: 28 Sep 2022 13:54

Instrument :
MSVOA_W
ClientSampleId :
BGSF4RE

Tgt Ion: 84 Resp: 93082

Ion	Ratio	Lower	Upper
84	100		
86	63.7	44.0	81.8
49	128.1	87.4	162.2





#46
Tetrachloroethene
Concen: 4.637 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024655.D
Acq: 28 Sep 2022 13:54

Tgt Ion:164 Resp: 26788

Ion	Ratio	Lower	Upper
164	100		
129	97.5	74.1	137.5
131	92.2	71.5	132.7
166	113.1	76.3	141.7