Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026411.D
Acq On : 28 Jun 2023 22:24
Operator : SY/MD
Sample : 03458-16
Misc : 5.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46M9

Quant Time: Jun 29 04:12:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 29 02:27:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	724904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	601373	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	201613	19.144	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.560%			
7) Chloroethane-d5	2.893	69	208205	27.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.240%			
11) 1,1-Dichloroethene-d2	4.021	65	98382	20.635	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.520%			
21) 2-Butanone-d5	7.075	46	208320	62.941	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.880%			
24) Chloroform-d	7.648	84	429637	20.916	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.680%			
26) 1,2-Dichloroethane-d4	8.307	65	290002	25.126	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.520%			
32) Benzene-d6	8.270	84	831980	22.351	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	9.276	67	278233	23.003	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.000%			
41) Toluene-d8	10.319	98	802536	24.631	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.520%			
43) trans-1,3-Dichloroprop...	10.575	79	110918	22.840	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.360%			
47) 2-Hexanone-d5	10.922	63	162692	87.582	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 175.160%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	251970	26.460	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.840%			
66) 1,2-Dichlorobenzene-d4	13.855	152	116344	21.598	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.400%			
Target Compounds						Qvalue
13) Acetone	4.119	43	281695	106.334	ug/L	99
14) Carbon disulfide	4.387	76	22069	0.666	ug/L	98
22) 2-Butanone	7.173	43	117660	29.027	ug/L	99
35) Methylcyclohexane	9.337	83	90696	5.085	ug/L	90

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

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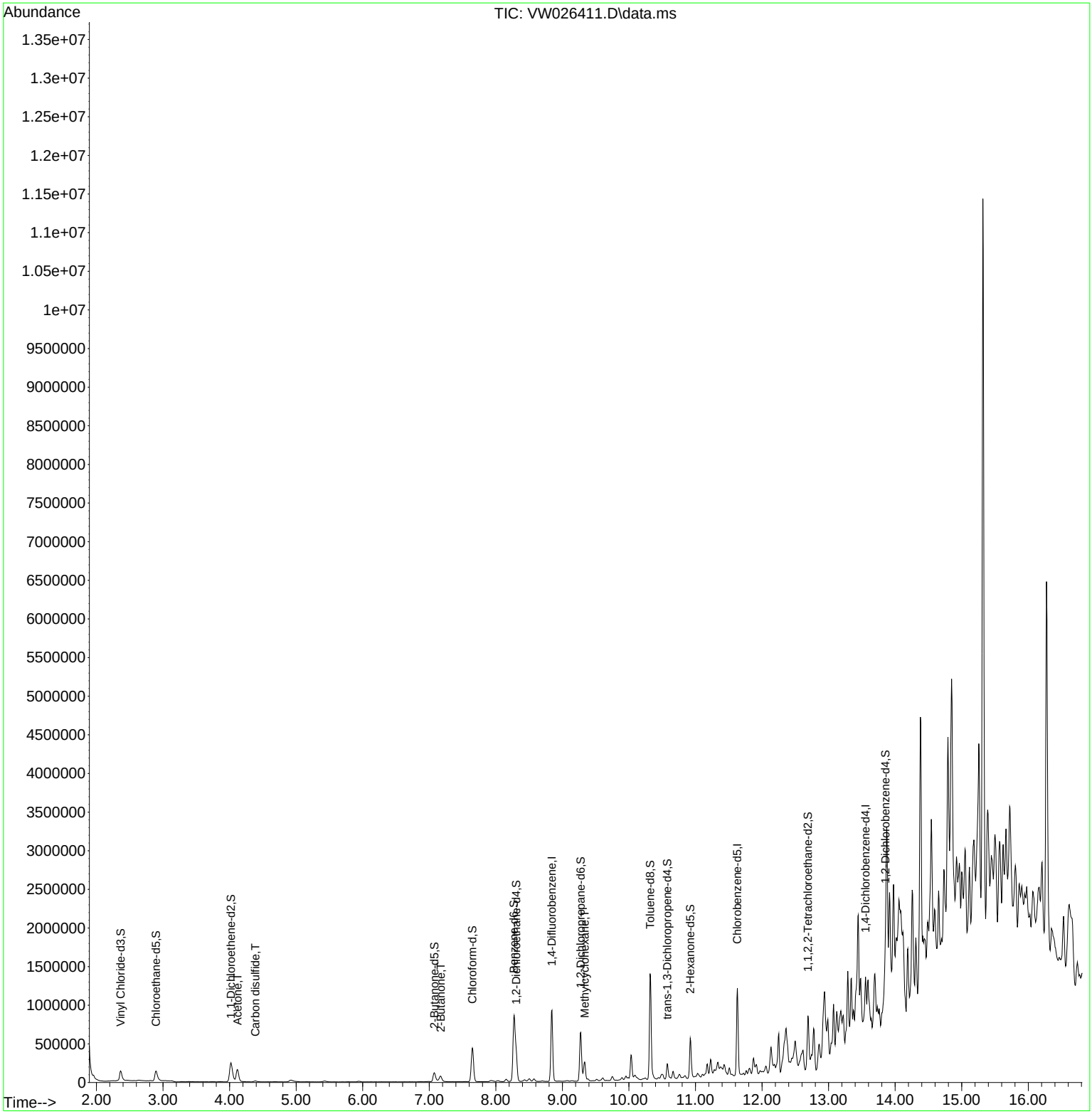
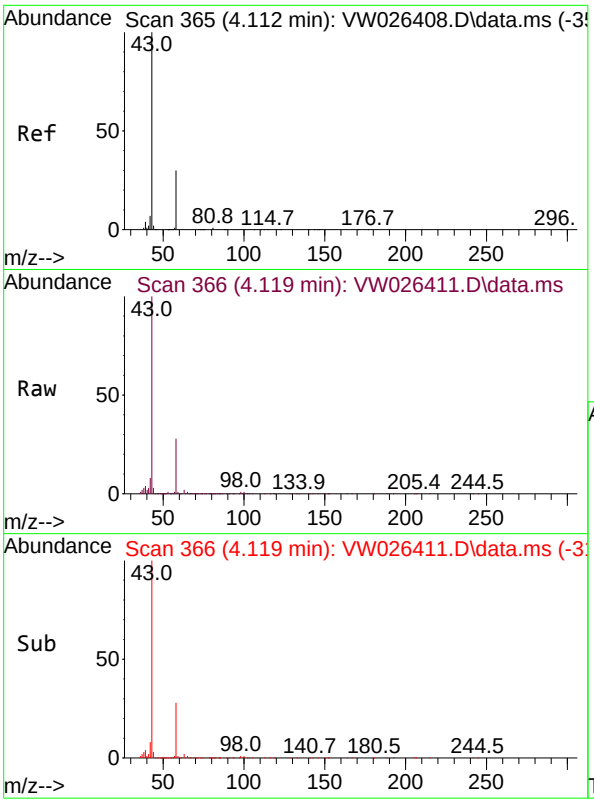


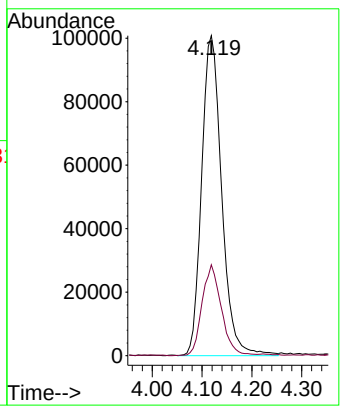


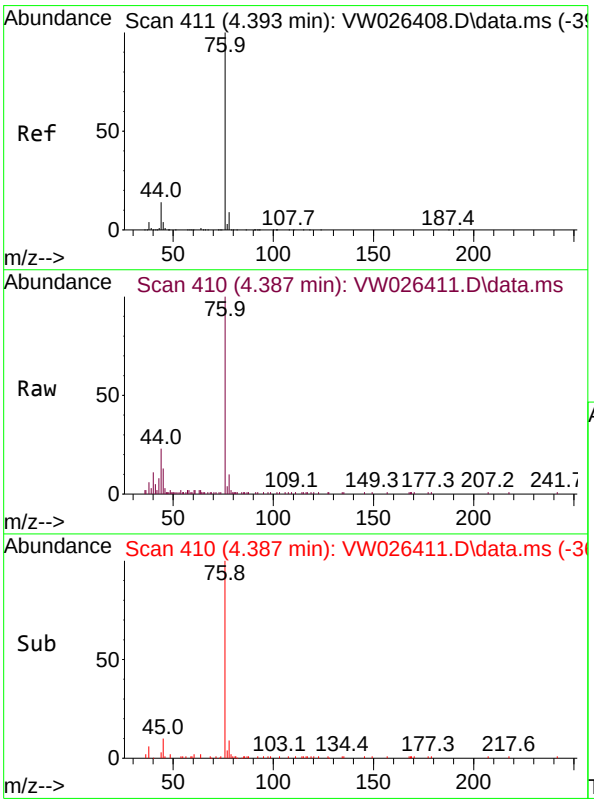
#13
Acetone
Concen: 106.334 ug/L
RT: 4.119 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW026411.D
Acq: 28 Jun 2023 22:24

Instrument :
MSVOA_W
ClientSampleId :
A46M9

Tgt Ion: 43 Resp: 281695

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	55.8

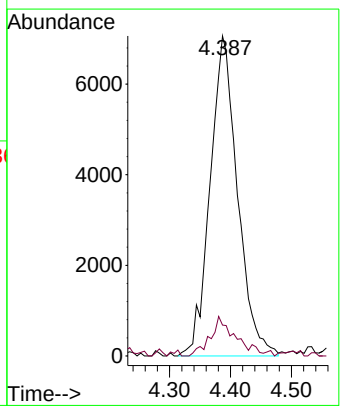


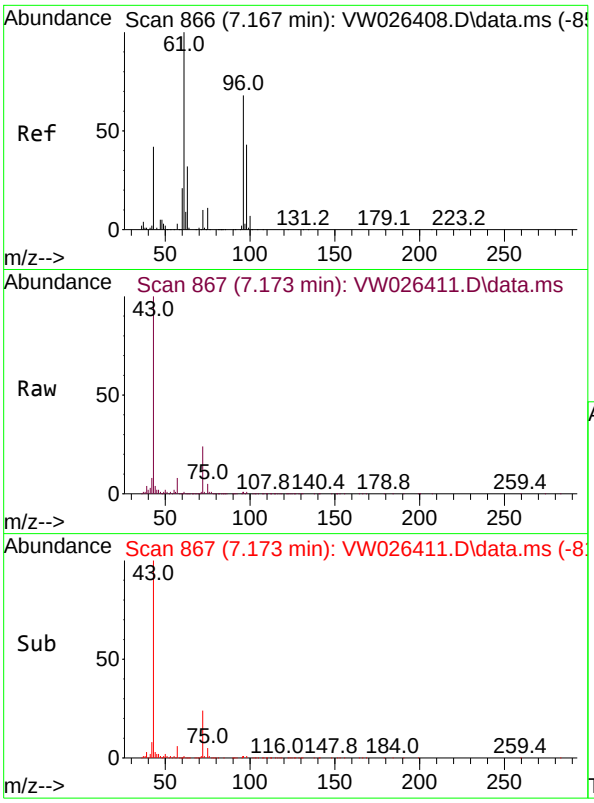


#14
Carbon disulfide
Concen: 0.666 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026411.D
Acq: 28 Jun 2023 22:24

Tgt Ion: 76 Resp: 22069

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8



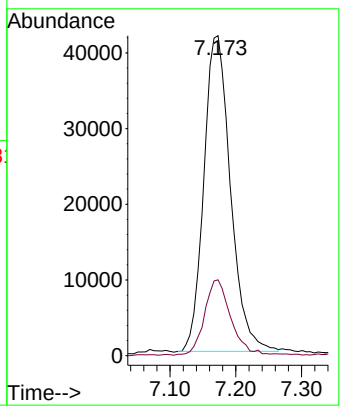


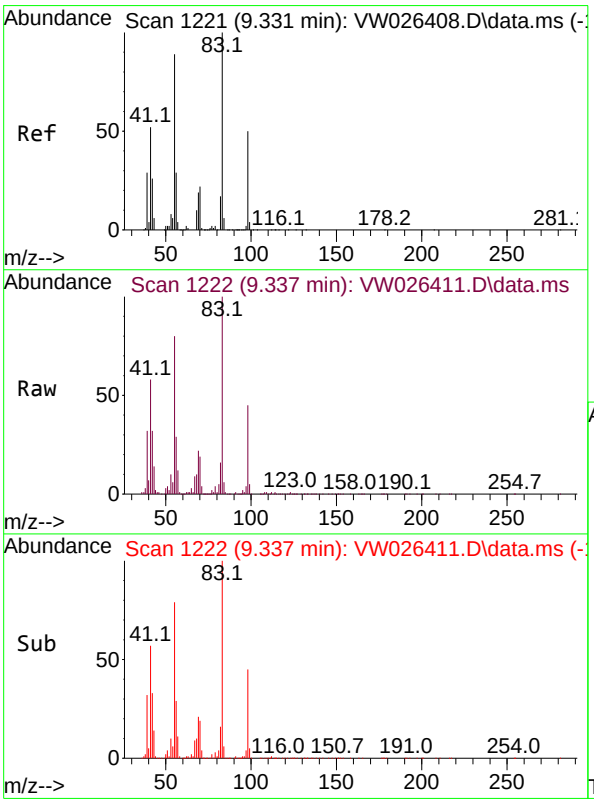
#22
2-Butanone
Concen: 29.027 ug/L
RT: 7.173 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW026411.D
Acq: 28 Jun 2023 22:24

Instrument :
MSVOA_W
ClientSampleId :
A46M9

Tgt Ion: 43 Resp: 117660

Ion	Ratio	Lower	Upper
43	100		
72	23.0	11.8	35.3





#35
Methylcyclohexane
Concen: 5.085 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026411.D
Acq: 28 Jun 2023 22:24

Tgt Ion: 83 Resp: 90696

Ion	Ratio	Lower	Upper
83	100		
55	100.1	68.8	103.2
98	46.8	37.8	56.6