Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
Data File : VW027621.D
Acq On : 14 Dec 2023 11:43
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 15 03:30:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 03:28:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103285	17.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.640%			
7) Chloroethane-d5	2.899	69	85578	19.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.600%			
11) 1,1-Dichloroethene-d2	4.021	65	48581	19.351	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.400%			
21) 2-Butanone-d5	7.002	46	103	0.066	ug/L	-0.08
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.140%#			
24) Chloroform-d	7.648	84	190778	21.678	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.720%			
26) 1,2-Dichloroethane-d4	8.307	65	101593	22.575	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.280%			
32) Benzene-d6	8.276	84	399560	21.861	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.440%			
36) 1,2-Dichloropropane-d6	9.276	67	121439	22.538	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.160%			
41) Toluene-d8	10.325	98	343733	21.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	10.575	79	43062	20.667	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.680%			
47) 2-Hexanone-d5	10.922	63	53093	52.885	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103069	23.256	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.040%			
66) 1,2-Dichlorobenzene-d4	13.849	152	102350	23.528	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.120%			
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	11220	2.334	ug/L	96
27) 1,2-Dichloroethane	8.282	62	2591	0.501	ug/L	96
71) Naphthalene	15.360	128	3956	0.459	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.549	180	1349	0.384	ug/L #	86

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

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Quant Title : SFAM01.0
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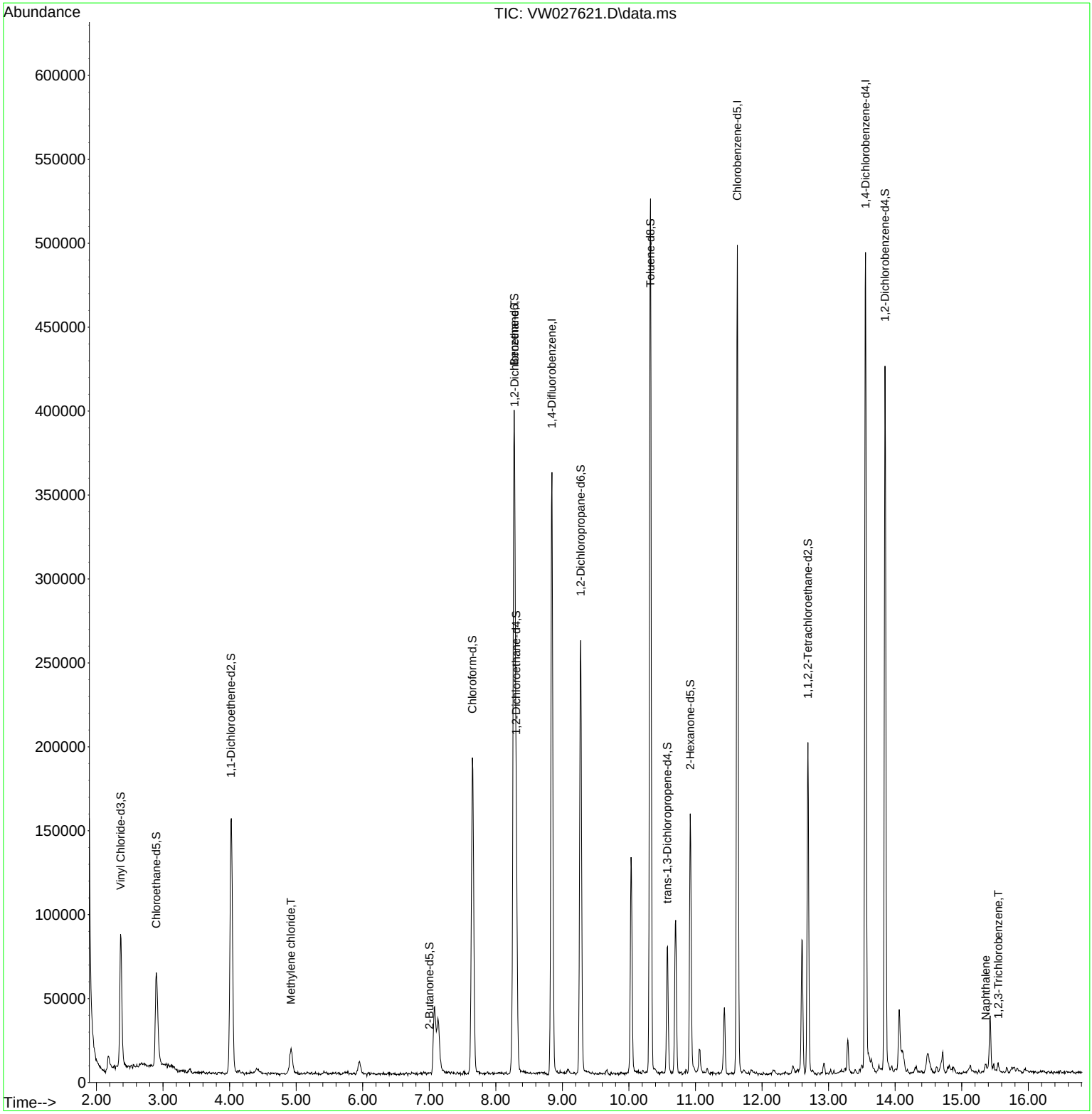
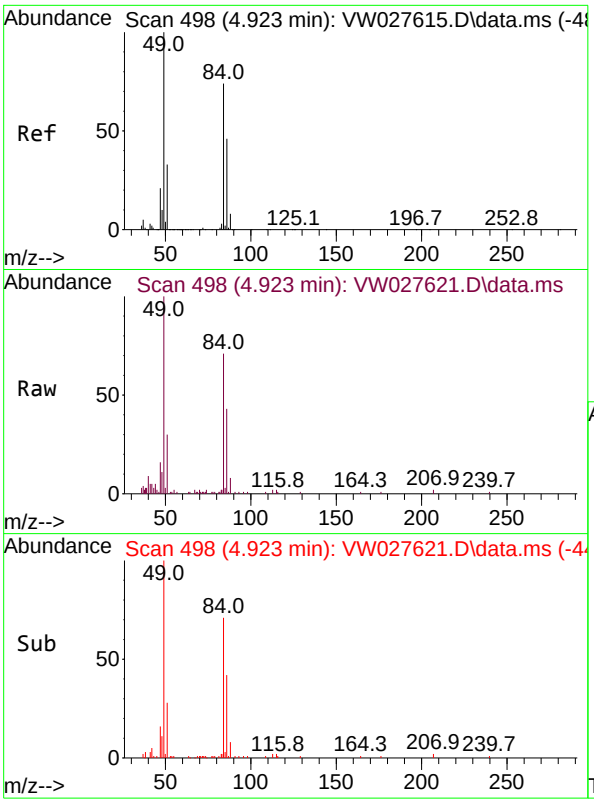


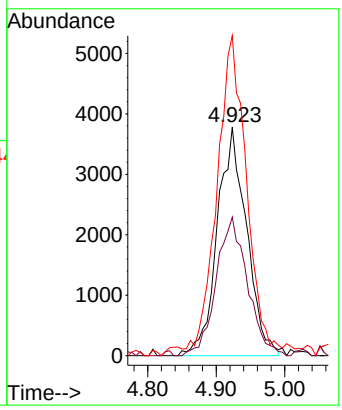


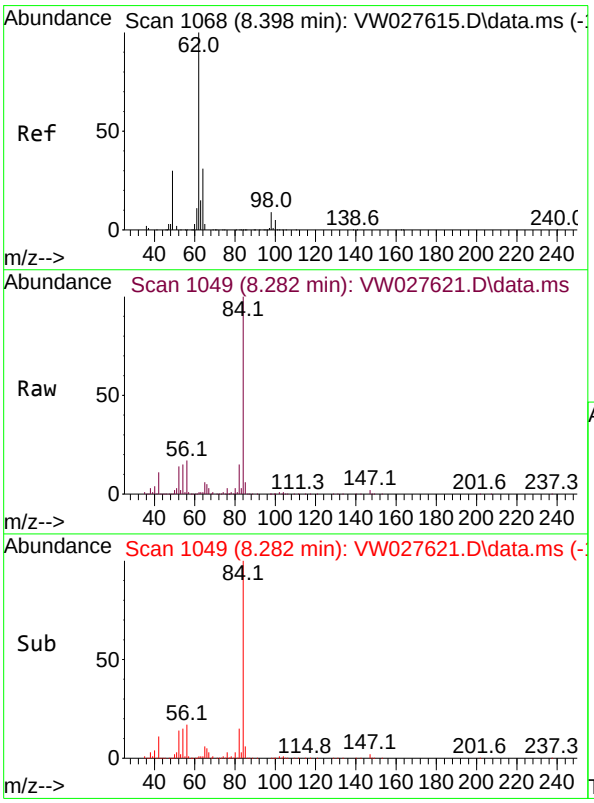
#16
Methylene chloride
Concen: 2.334 ug/L
RT: 4.923 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW027621.D
Acq: 14 Dec 2023 11:43

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 11220

Ion	Ratio	Lower	Upper
84	100		
86	60.7	47.7	88.7
49	140.1	97.4	181.0

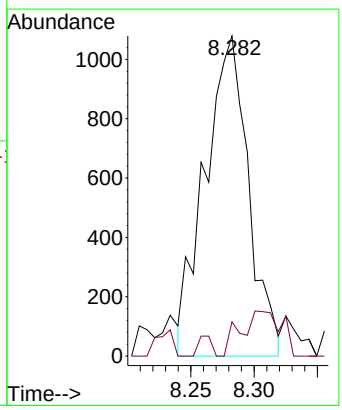


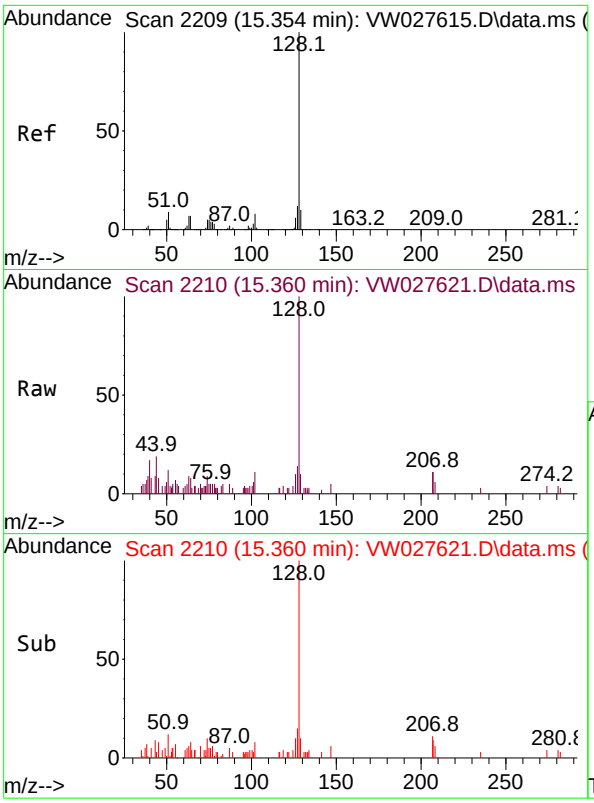


#27
1,2-Dichloroethane
Concen: 0.501 ug/L
RT: 8.282 min Scan# 1049
Delta R.T. -0.116 min
Lab File: VW027621.D
Acq: 14 Dec 2023 11:43

Tgt Ion: 62 Resp: 2591

Ion	Ratio	Lower	Upper
62	100		
98	10.7	7.4	11.0



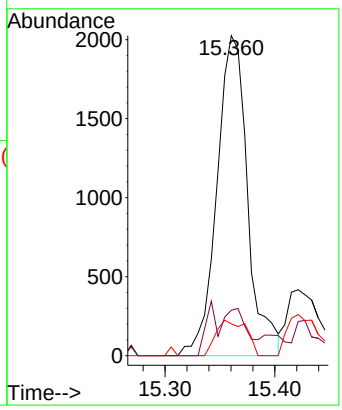


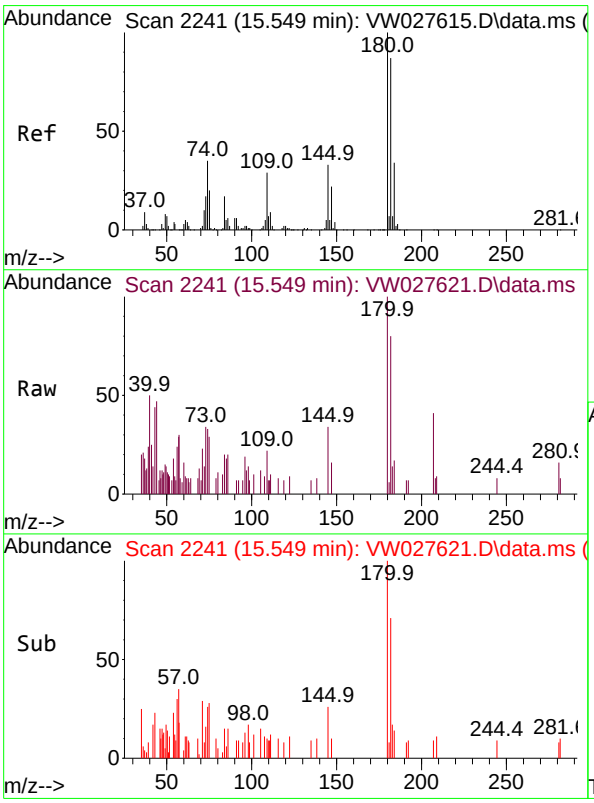
#71
Naphthalene
Concen: 0.459 ug/L
RT: 15.360 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW027621.D
Acq: 14 Dec 2023 11:43

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 3956

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	7.9	8.6	12.8#





#72
1,2,3-Trichlorobenzene
Concen: 0.384 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027621.D
Acq: 14 Dec 2023 11:43

Tgt Ion:180 Resp: 1349

Ion	Ratio	Lower	Upper
180	100		
182	100.8	72.4	108.6
145	46.3	27.4	41.0#