Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
Data File : VW029407.D
Acq On : 28 Jun 2024 18:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/11mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 29 02:15:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274967	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	260841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	68222	17.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.720%			
7) Chloroethane-d5	2.899	69	57712	17.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.840%			
11) 1,1-Dichloroethene-d2	4.027	65	33421	18.188	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.760%			
21) 2-Butanone-d5	7.075	46	54308	47.695	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.400%			
24) Chloroform-d	7.648	84	164483	20.053	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.200%			
26) 1,2-Dichloroethane-d4	8.307	65	100590	21.359	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.440%			
32) Benzene-d6	8.276	84	317099	20.014	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.040%			
36) 1,2-Dichloropropane-d6	9.270	67	106108	21.069	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.280%			
41) Toluene-d8	10.319	98	279454	19.936	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.760%			
43) trans-1,3-Dichloroprop...	10.575	79	40236	19.825	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.320%			
47) 2-Hexanone-d5	10.922	63	35027	44.366	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83810	20.909	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.640%			
66) 1,2-Dichlorobenzene-d4	13.848	152	95832	24.351	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	14311	2.960	ug/L	93
35) Methylcyclohexane	9.270	83	24388	3.709	ug/L #	16
71) Naphthalene	15.366	128	2971	0.421	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.543	180	1141	0.350	ug/L #	89

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

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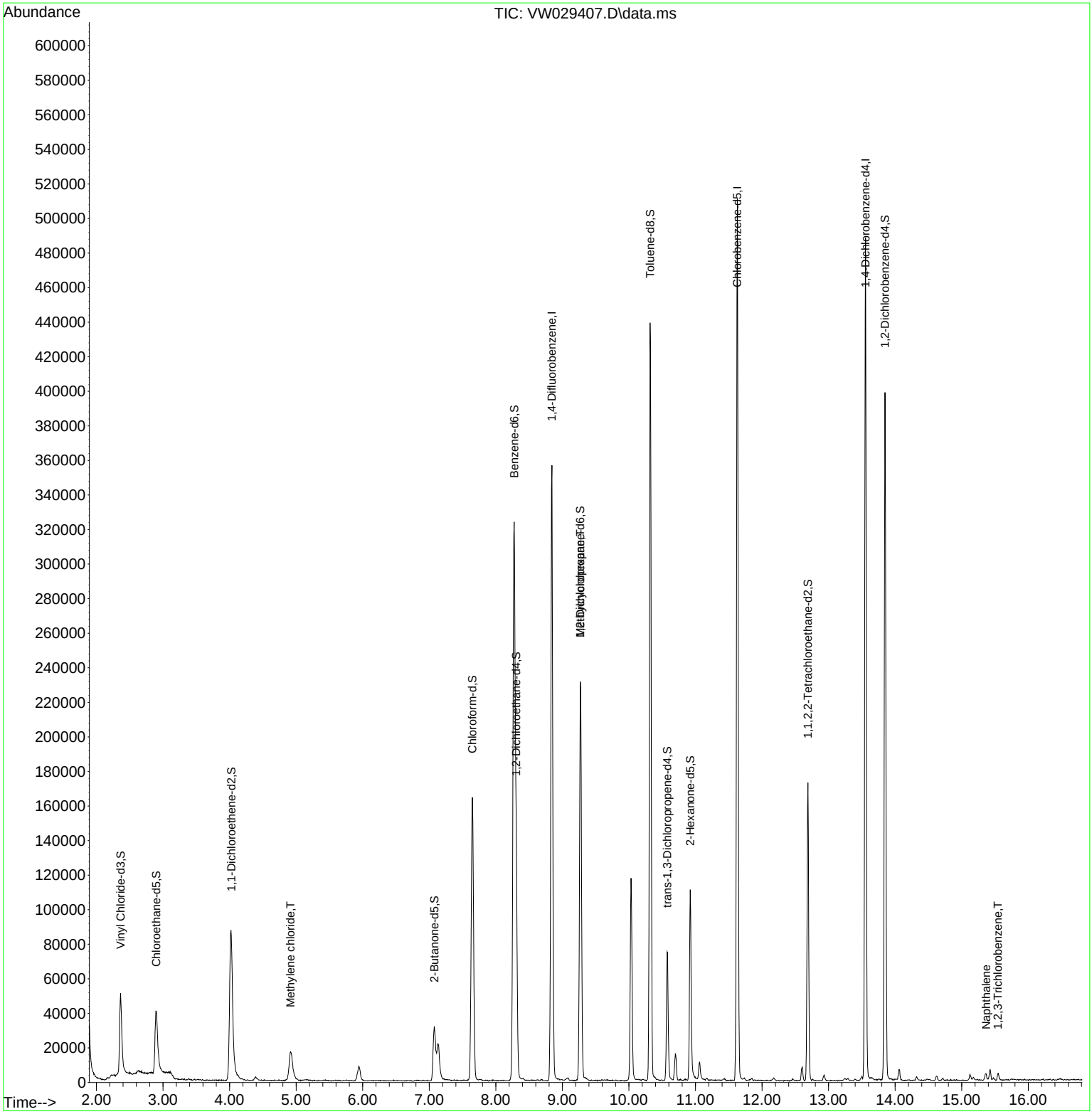
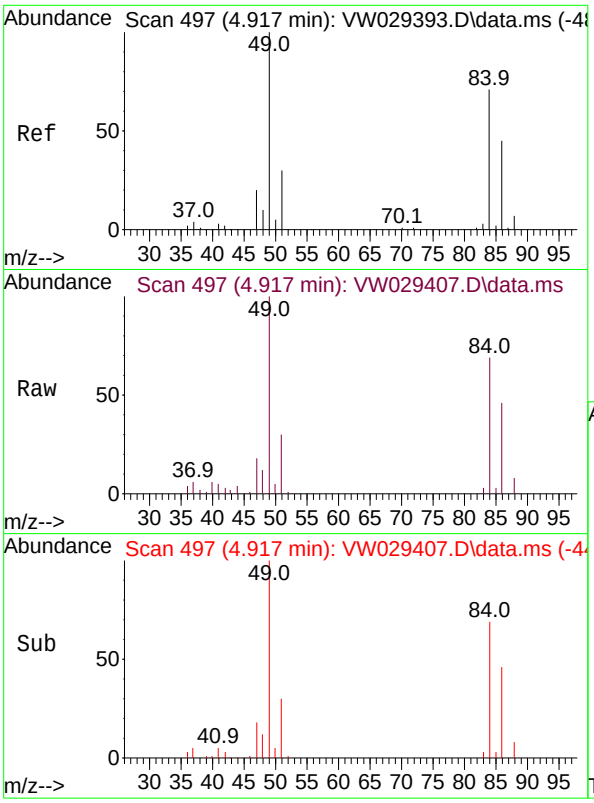


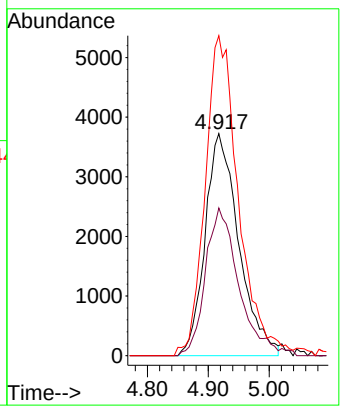


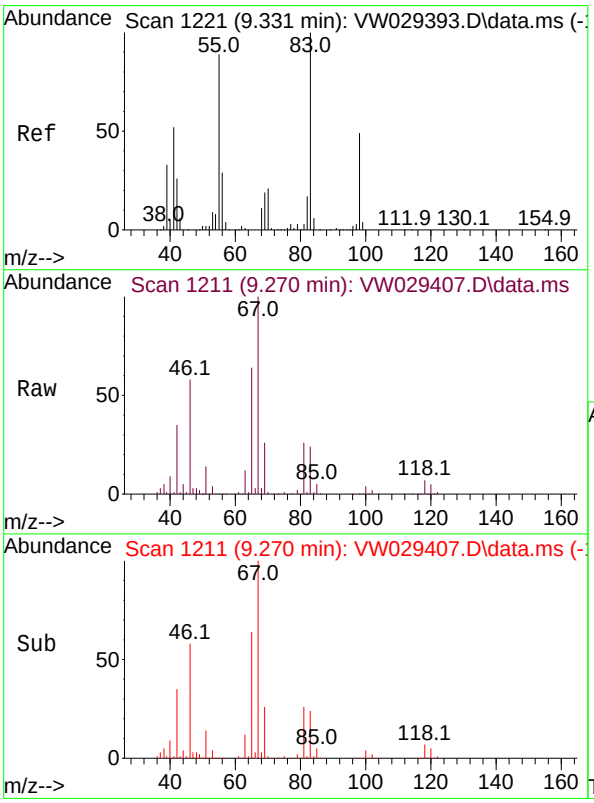
#16
Methylene chloride
Concen: 2.960 ug/L
RT: 4.917 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW029407.D
Acq: 28 Jun 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 14311

Ion	Ratio	Lower	Upper
84	100		
86	66.5	41.4	77.0
49	144.1	95.7	177.7

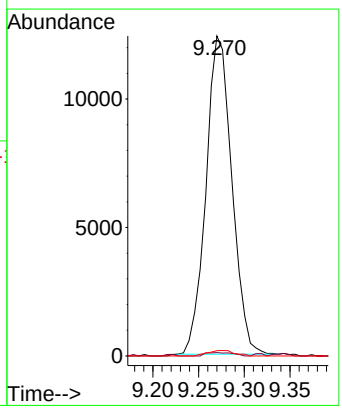


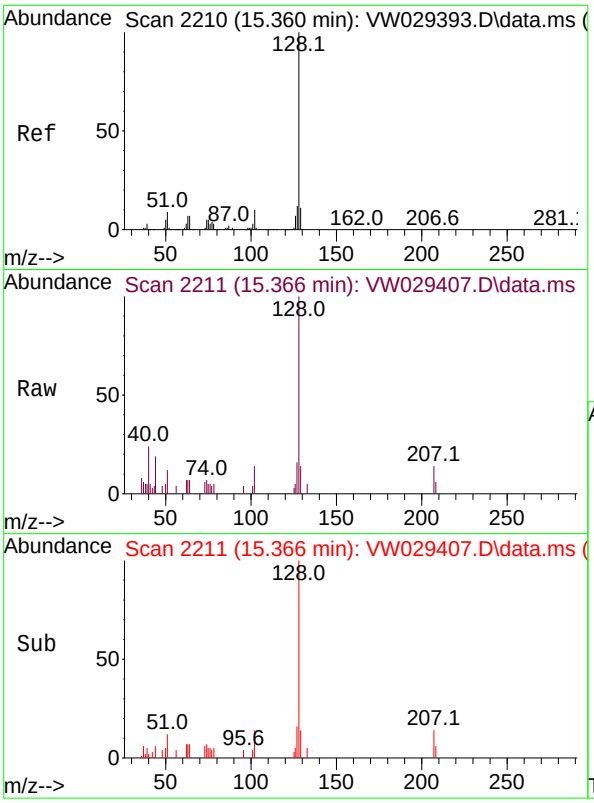


#35
Methylcyclohexane
Concen: 3.709 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.061 min
Lab File: VW029407.D
Acq: 28 Jun 2024 18:46

Tgt Ion: 83 Resp: 24388

Ion	Ratio	Lower	Upper
83	100		
55	1.1	69.5	104.3#
98	1.8	38.0	57.0#



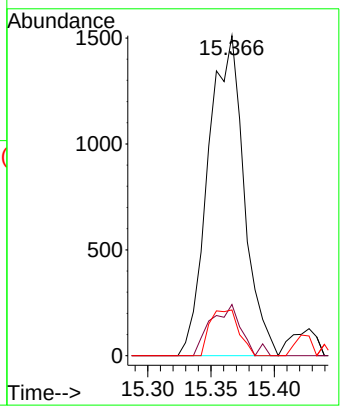


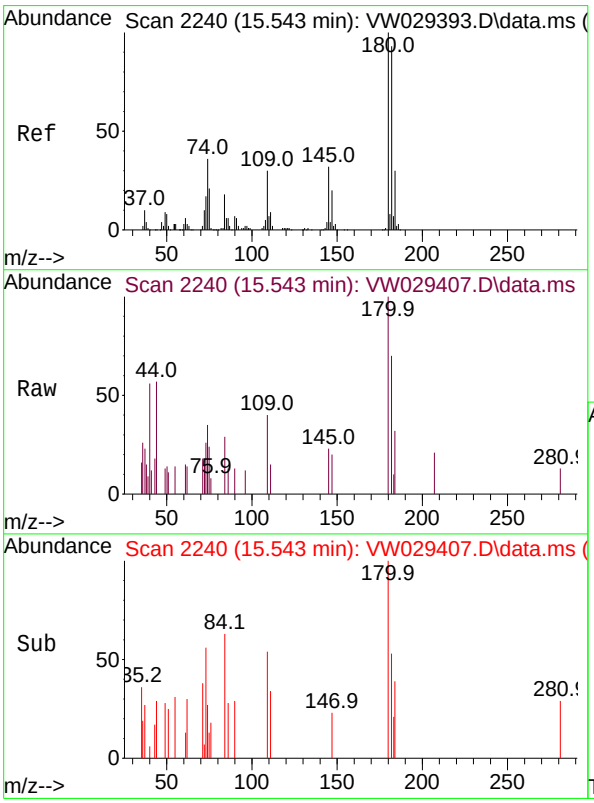
#71
Naphthalene
Concen: 0.421 ug/L
RT: 15.366 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW029407.D
Acq: 28 Jun 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 2971

Ion	Ratio	Lower	Upper
128	100		
127	5.6	10.3	15.5#
129	11.6	8.9	13.3





#72
1,2,3-Trichlorobenzene
Concen: 0.350 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW029407.D
Acq: 28 Jun 2024 18:46

Tgt Ion:180 Resp: 1141

Ion	Ratio	Lower	Upper
180	100		
182	86.9	73.0	109.6
145	19.2	28.1	42.1#