Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
Data File : VV036090.D
Acq On : 14 Jun 2024 13:27
Operator : SY/MD
Sample : P2873-08
Misc : 2.09g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 15 01:33:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	597190	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	604315	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	272971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	229061	20.863	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.440%		
7) Chloroethane-d5	1.526	69	181986	20.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.160%		
11) 1,1-Dichloroethene-d2	2.050	65	100125	20.485	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.920%		
21) 2-Butanone-d5	3.838	46	67555	26.818	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.640%		
24) Chloroform-d	4.243	84	377547	19.886	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.560%		
26) 1,2-Dichloroethane-d4	4.937	65	206448	20.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.960%		
32) Benzene-d6	4.953	84	768572	21.396	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.600%		
36) 1,2-Dichloropropane-d6	5.985	67	246159	21.760	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.040%		
41) Toluene-d8	7.239	98	649997	20.508	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.040%		
43) trans-1,3-Dichloroprop...	7.551	79	91402	19.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.840%		
47) 2-Hexanone-d5	8.030	63	55728	36.361	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.720%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	171648	20.306	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.240%		
66) 1,2-Dichlorobenzene-d4	11.558	152	232037	23.180	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.720%		
Target Compounds						Qvalue
13) Acetone	2.159	43	14212	3.622	ug/L	88
16) Methylene chloride	2.442	84	41896	3.100	ug/L	99
48) 2-Hexanone	8.034	43	6798	1.542	ug/L #	73
71) Naphthalene	13.438	128	164789	9.322	ug/L	99

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

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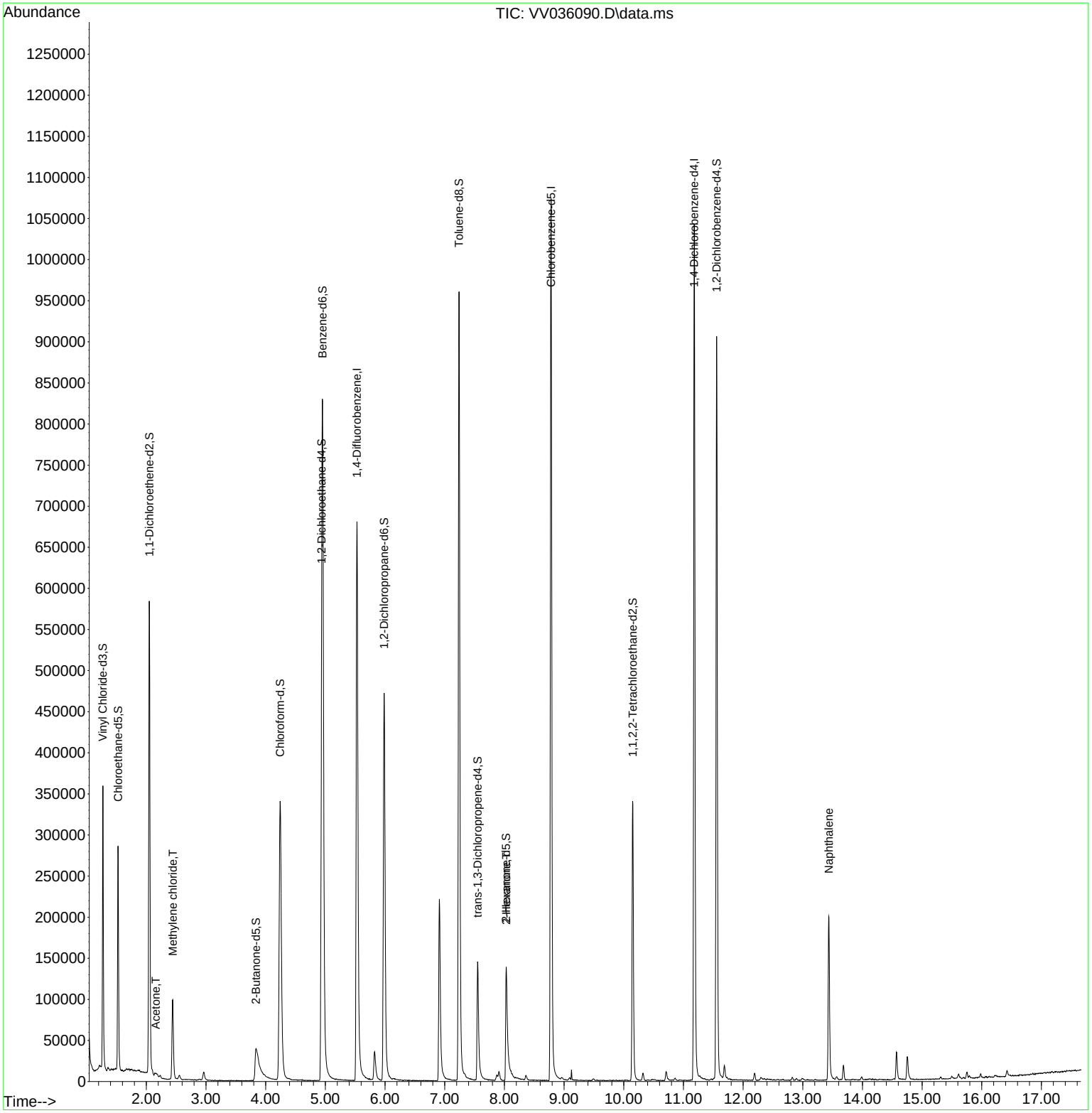
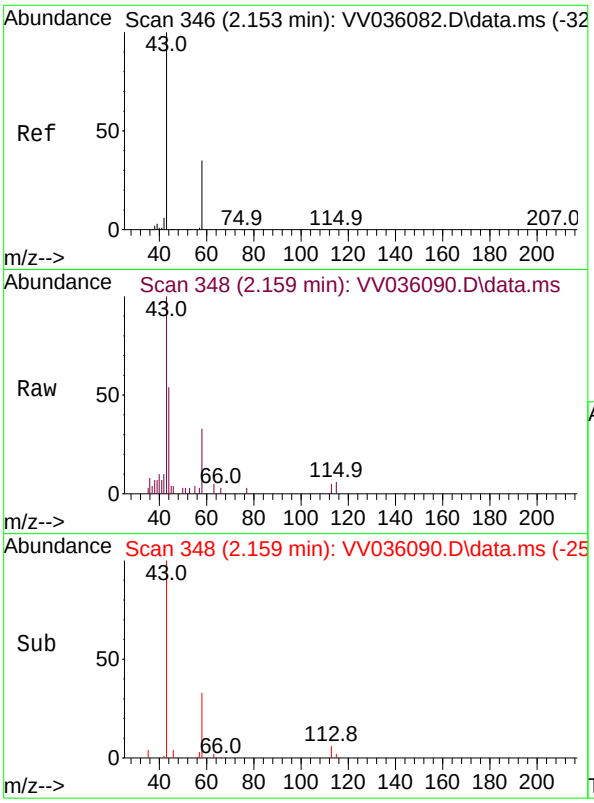


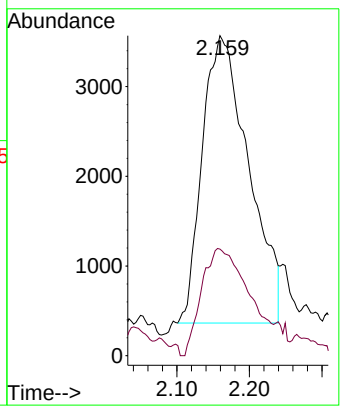


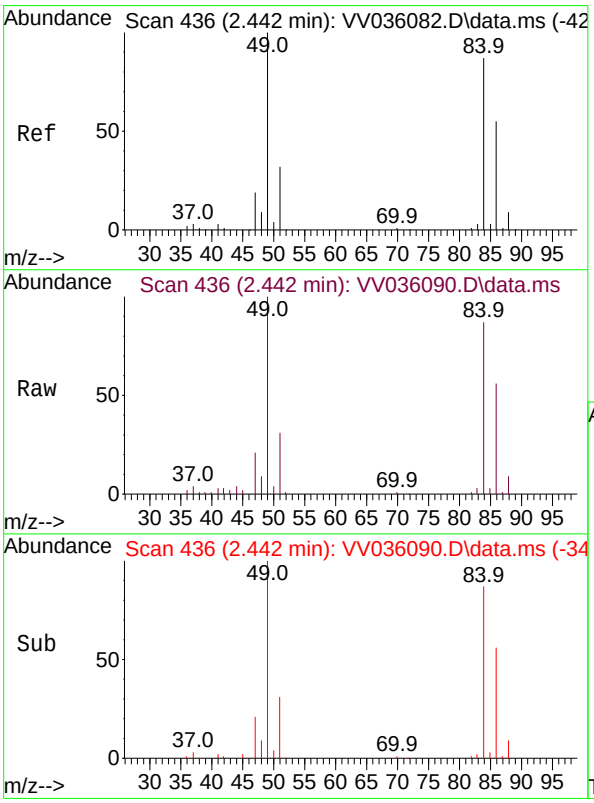
#13
Acetone
Concen: 3.622 ug/L
RT: 2.159 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV036090.D
Acq: 14 Jun 2024 13:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 14212

Ion	Ratio	Lower	Upper
43	100		
58	7.6	0.0	24.2

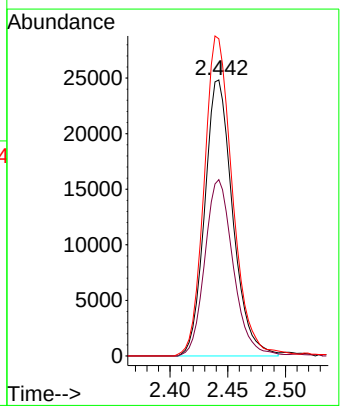


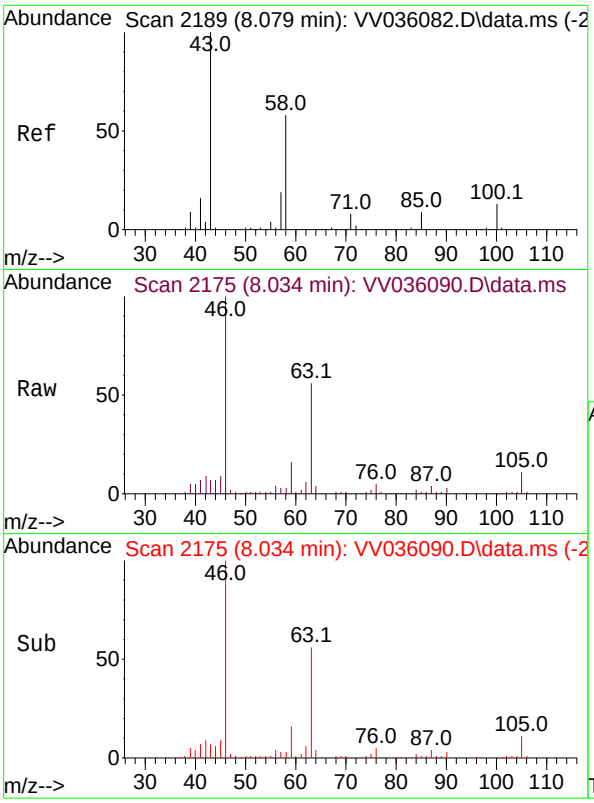


#16
Methylene chloride
Concen: 3.100 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV036090.D
Acq: 14 Jun 2024 13:27

Tgt Ion: 84 Resp: 41896

Ion	Ratio	Lower	Upper
84	100		
86	63.9	44.6	82.8
49	114.9	81.1	150.5



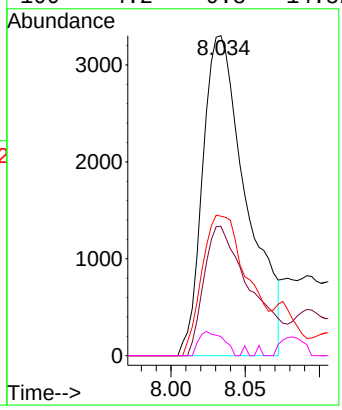


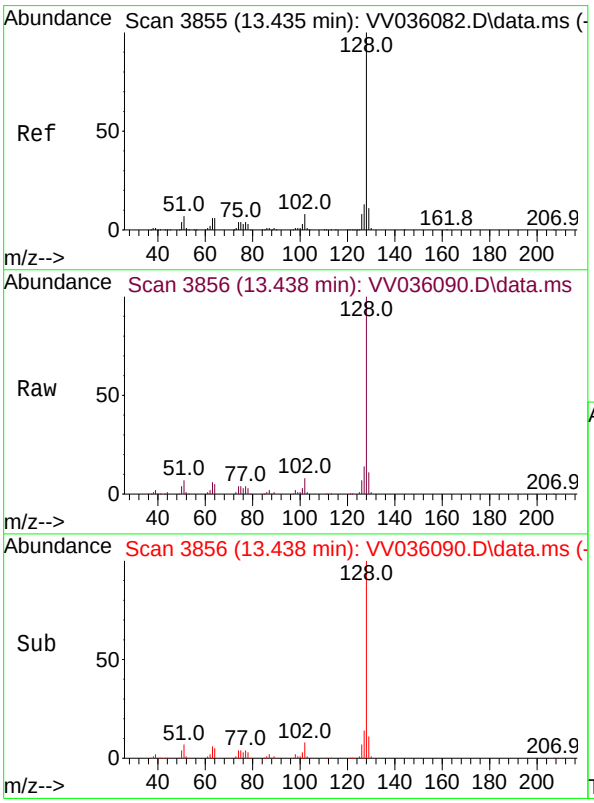
#48
2-Hexanone
Concen: 1.542 ug/L
RT: 8.034 min Scan# 2
Delta R.T. -0.045 min
Lab File: VV036090.D
Acq: 14 Jun 2024 13:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6798

Ion	Ratio	Lower	Upper
43	100		
58	43.9	45.4	68.0#
57	45.8	15.8	23.8#
100	4.2	9.8	14.8#





#71
Naphthalene
Concen: 9.322 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV036090.D
Acq: 14 Jun 2024 13:27

Tgt Ion:128 Resp: 164789

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.7	8.8	13.2