Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035824.D
Acq On : 26 May 2024 02:02
Operator : SY/MD
Sample : P2586-18
Misc : 4.16g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 27 05:34:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 05:15:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.551	114	21262	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.792	117	27681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	11953	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	5448	16.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.320%			
7) Chloroethane-d5	1.532	69	6220	23.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.840%			
11) 1,1-Dichloroethene-d2	2.060	65	2475	17.012	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.040%			
21) 2-Butanone-d5	3.892	46	40	0.429	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.860%#			
24) Chloroform-d	4.256	84	16521	26.136	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.560%			
26) 1,2-Dichloroethane-d4	4.960	65	10383	33.227	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 132.920%#			
32) Benzene-d6	4.969	84	25894	17.089	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 68.360%			
36) 1,2-Dichloropropane-d6	5.998	67	10452	22.352	ug/L	0.01
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.400%			
41) Toluene-d8	7.256	98	19093	14.158	ug/L	0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 56.640%			
43) trans-1,3-Dichloroprop...	7.587	79	1750	8.751	ug/L	0.04
Spiked Amount 25.000	Range 30 - 135		Recovery = 35.000%			
47) 2-Hexanone-d5	8.098	63	90	1.070	ug/L	0.07
Spiked Amount 50.000	Range 20 - 135		Recovery = 2.140%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	7249	16.087	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 64.360%			
66) 1,2-Dichlorobenzene-d4	11.564	152	8387	20.218	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.880%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1102	2.539	ug/L	94
6) Bromomethane	1.491	94	271	0.955	ug/L #	46
15) Methyl Acetate	2.388	43	68	0.329	ug/L #	52
61) 1,2,3-Trichloropropane	11.191	75	1453	5.188	ug/L #	54

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

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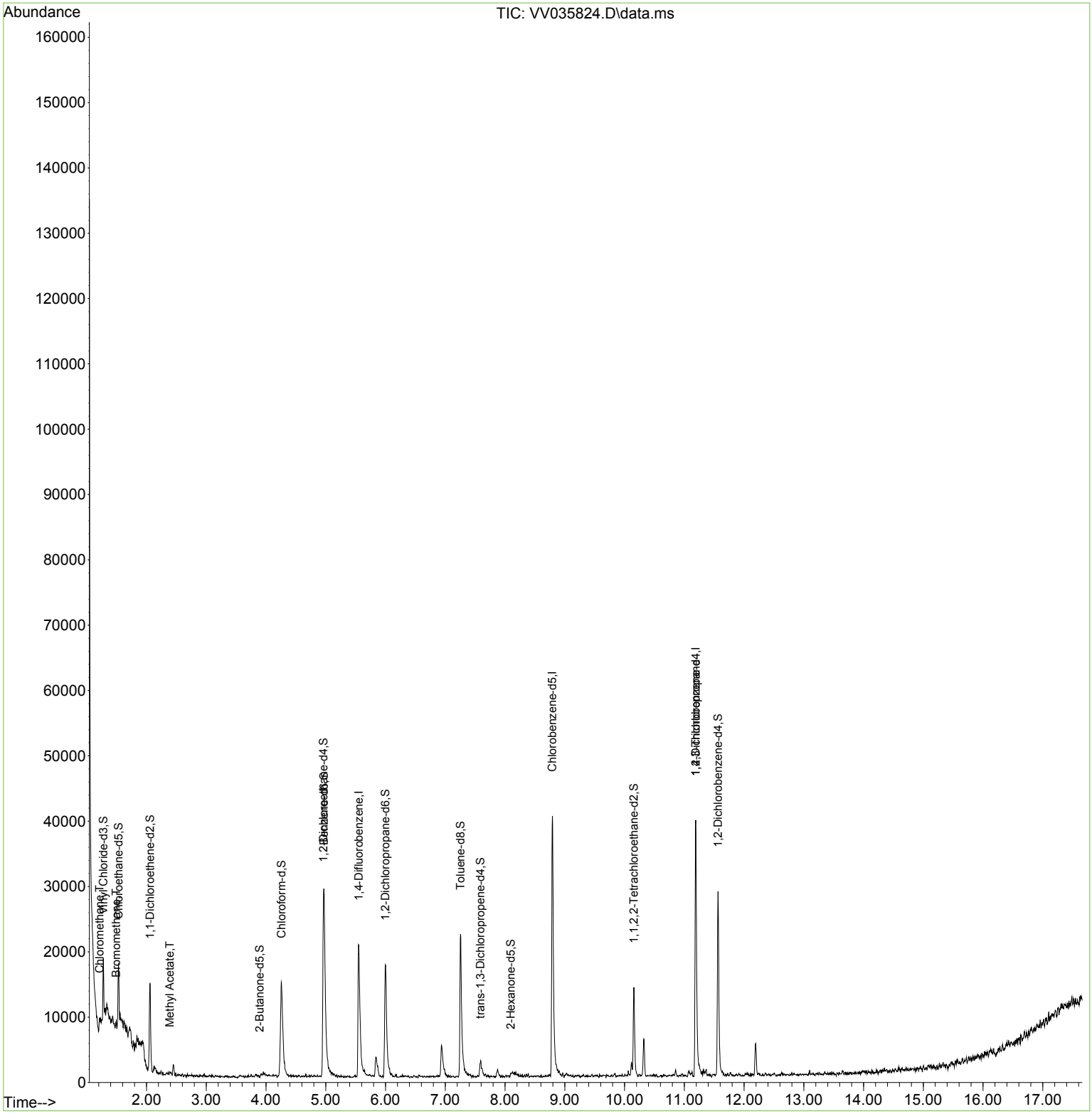
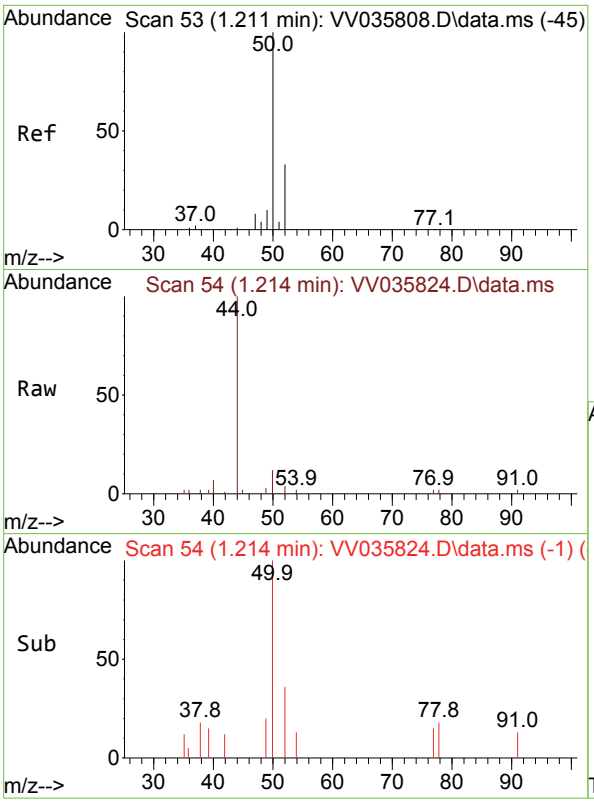


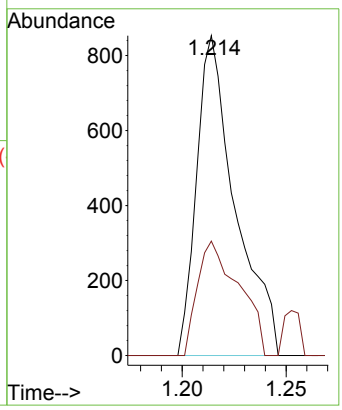


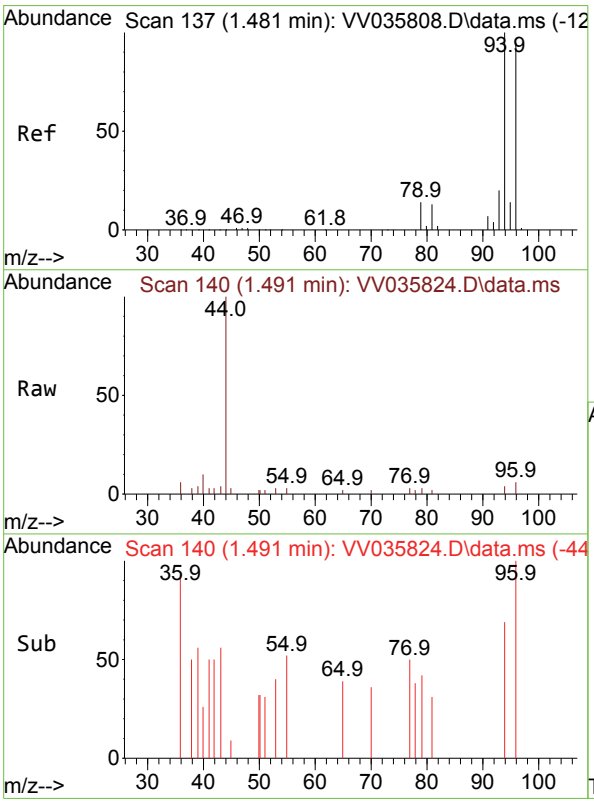
#3
Chloromethane
Concen: 2.539 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035824.D
Acq: 26 May 2024 02:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1102

Ion	Ratio	Lower	Upper
50	100		
52	35.8	22.7	42.1

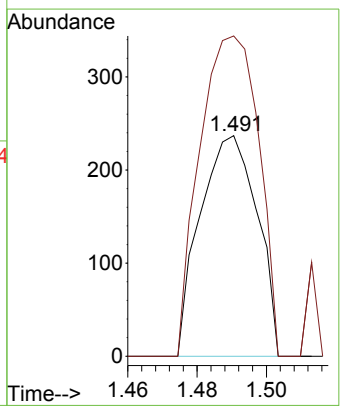


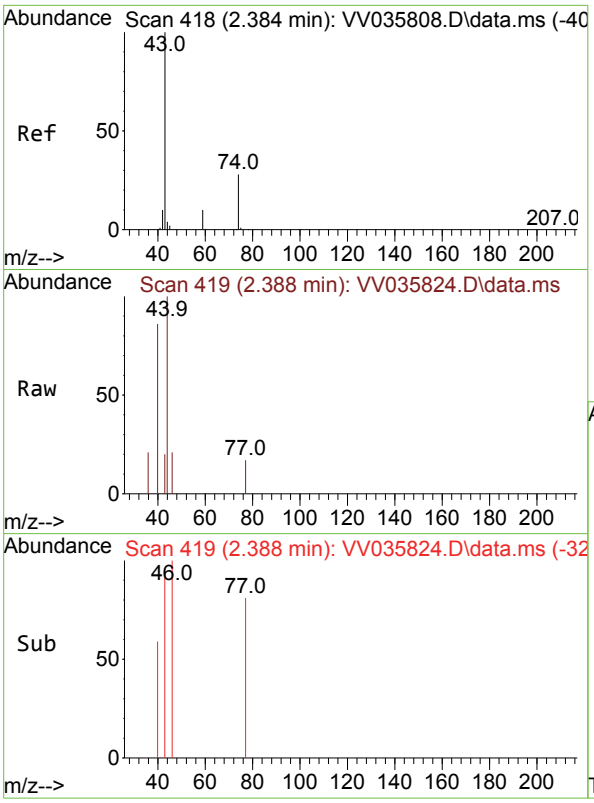


#6
Bromomethane
Concen: 0.955 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.010 min
Lab File: VV035824.D
Acq: 26 May 2024 02:02

Tgt Ion: 94 Resp: 271

Ion	Ratio	Lower	Upper
94	100		
96	145.1	65.2	121.0#



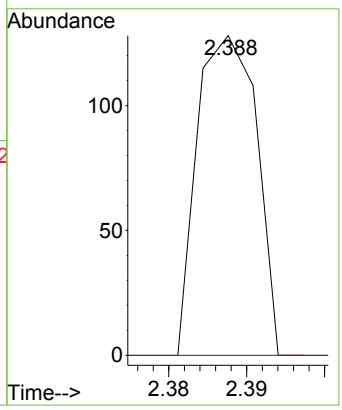


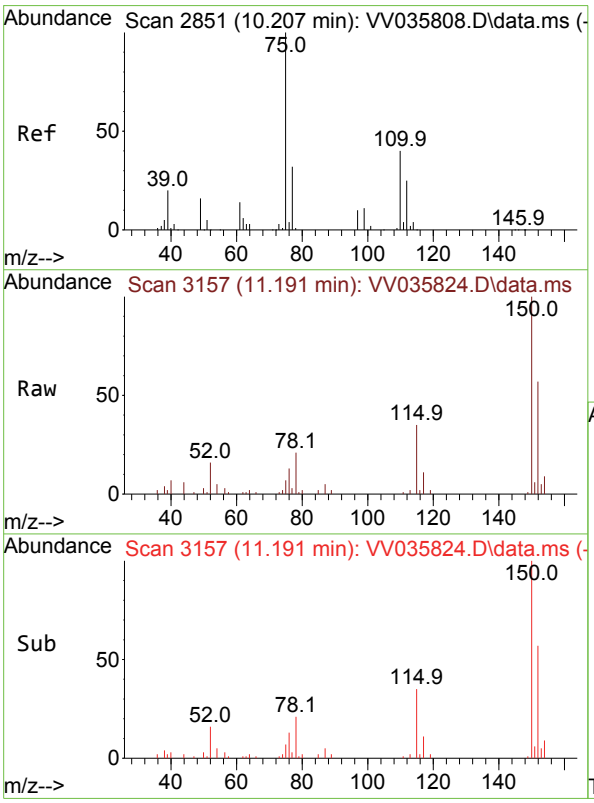
#15
Methyl Acetate
Concen: 0.329 ug/L
RT: 2.388 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV035824.D
Acq: 26 May 2024 02:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 68

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#





#61
1,2,3-Trichloropropane
Concen: 5.188 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.984 min
Lab File: VV035824.D
Acq: 26 May 2024 02:02

Tgt Ion: 75 Resp: 1453

Ion	Ratio	Lower	Upper
75	100		
77	44.5	25.7	38.5#
110	0.0	31.8	47.8#