Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035850.D
Acq On : 28 May 2024 16:41
Operator : SY/MD
Sample : P2632-02
Misc : 5.51g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 29 02:28:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:22:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	525191	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	449634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	166871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	161139	19.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.400%			
7) Chloroethane-d5	1.529	69	135534	20.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.800%			
11) 1,1-Dichloroethene-d2	2.053	65	69593	19.365	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.480%			
21) 2-Butanone-d5	3.844	46	72997	31.687	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.380%			
24) Chloroform-d	4.246	84	299370	19.174	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.680%			
26) 1,2-Dichloroethane-d4	4.941	65	170621	22.105	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	4.957	84	558656	22.698	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	5.985	67	192131	25.295	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.160%			
41) Toluene-d8	7.243	98	424256	19.368	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.480%			
43) trans-1,3-Dichloroprop...	7.555	79	62310	19.181	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.720%			
47) 2-Hexanone-d5	8.034	63	47653	34.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.780%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	150710	20.591	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.360%			
66) 1,2-Dichlorobenzene-d4	11.561	152	109304	18.874	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.480%			
Target Compounds						Qvalue
13) Acetone	2.153	43	4576	1.357	ug/L #	60
48) 2-Hexanone	8.034	43	6351	1.822	ug/L #	70
60) Isopropylbenzene	9.837	105	38992	1.754	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.509	105	21381	1.226	ug/L #	48

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

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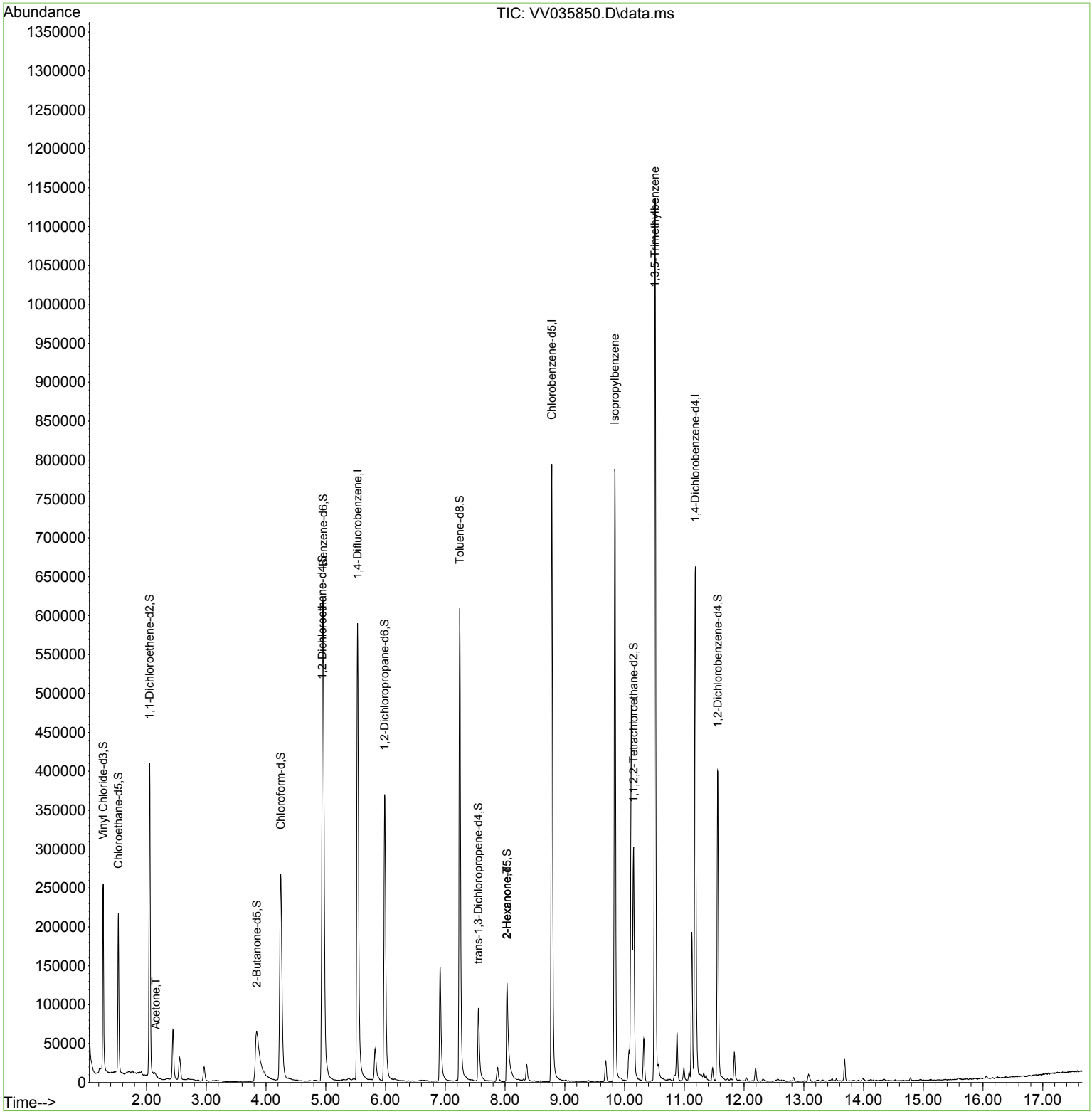
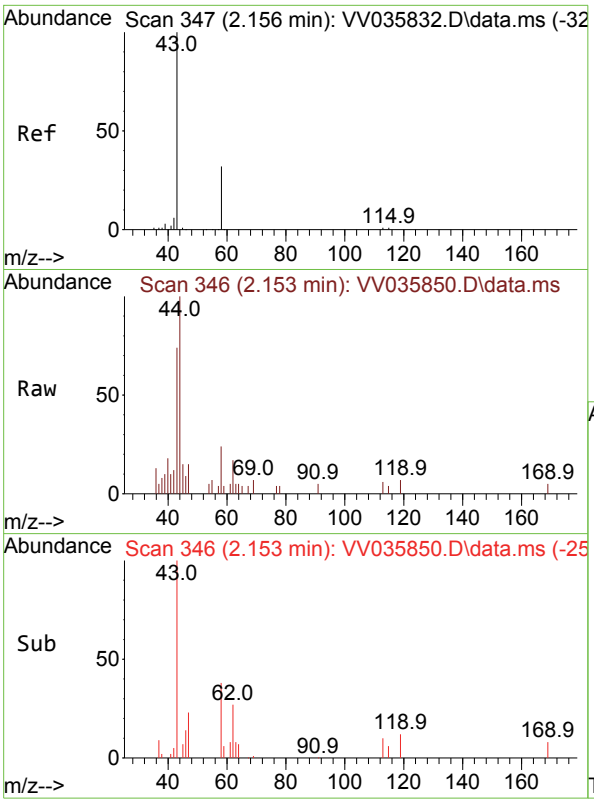


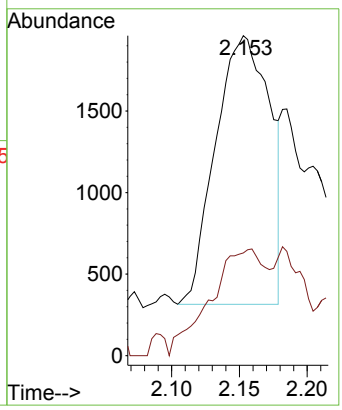


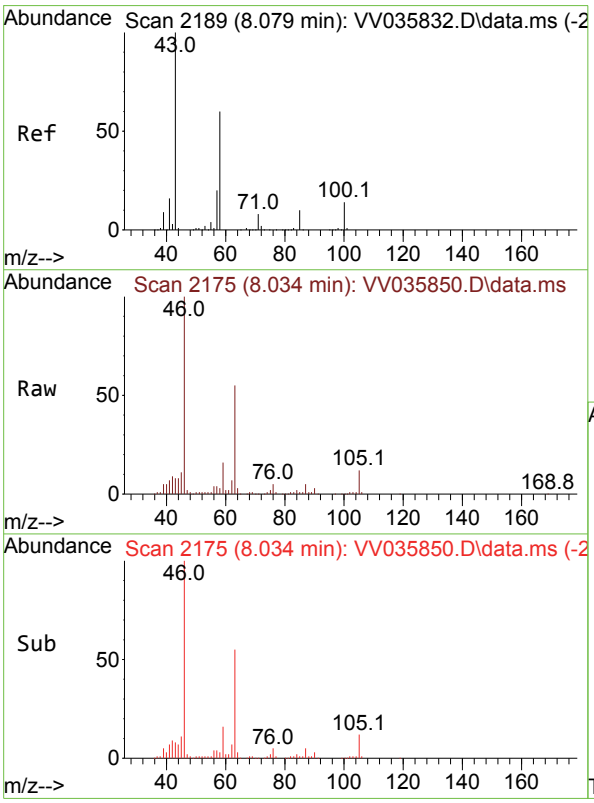
#13
Acetone
Concen: 1.357 ug/L
RT: 2.153 min Scan# 34
Delta R.T. -0.003 min
Lab File: VV035850.D
Acq: 28 May 2024 16:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4576

Ion	Ratio	Lower	Upper
43	100		
58	26.8	0.0	22.8#

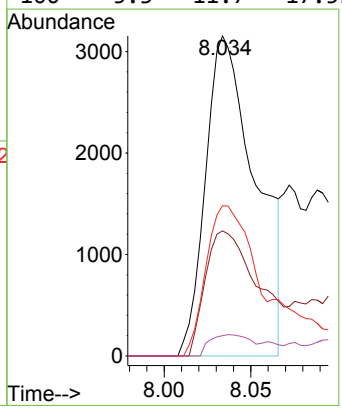


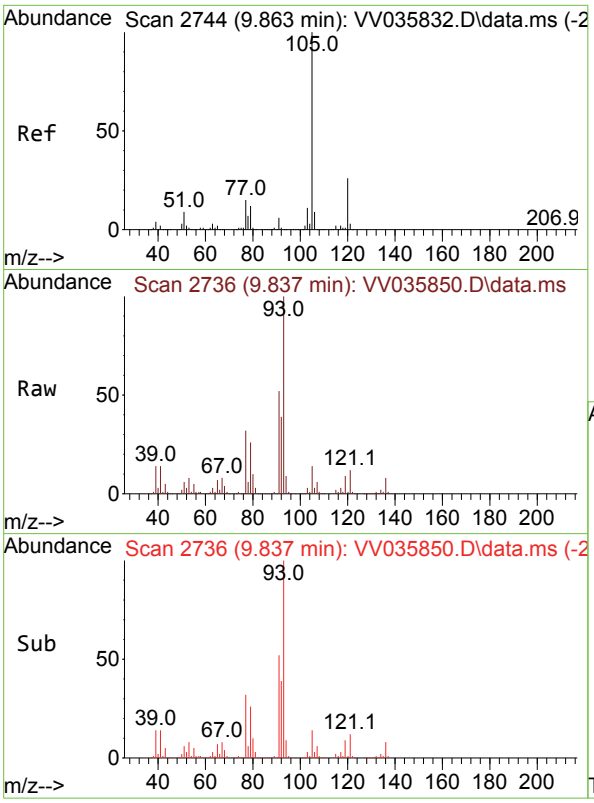


#48
2-Hexanone
Concen: 1.822 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV035850.D
Acq: 28 May 2024 16:41

Tgt Ion: 43 Resp: 6351

Ion	Ratio	Lower	Upper
43	100		
58	41.8	48.8	73.2#
57	43.2	16.9	25.3#
100	5.3	11.7	17.5#



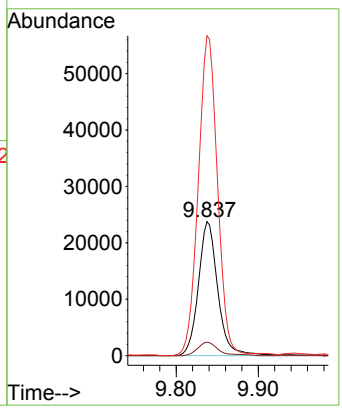


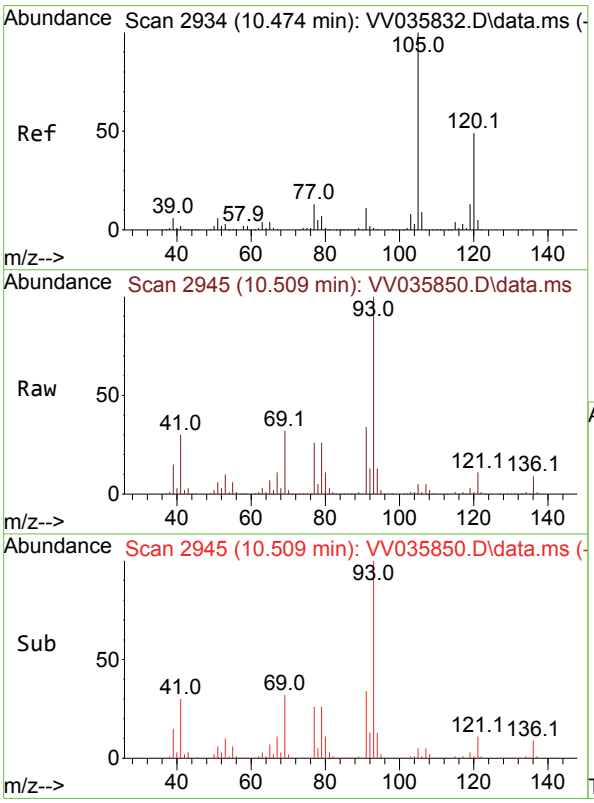
#60
Isopropylbenzene
Concen: 1.754 ug/L
RT: 9.837 min Scan# 2
Delta R.T. -0.026 min
Lab File: VV035850.D
Acq: 28 May 2024 16:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 38992

Ion	Ratio	Lower	Upper
105	100		
120	10.8	21.3	31.9#
77	236.7	12.2	18.2#





#62
1,3,5-Trimethylbenzene
Concen: 1.226 ug/L
RT: 10.509 min Scan# 2945
Delta R.T. 0.035 min
Lab File: VV035850.D
Acq: 28 May 2024 16:41

Tgt Ion:105 Resp: 21381

Ion	Ratio	Lower	Upper
105	100		
120	14.0	39.4	59.0#