Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

Quantitation Report (Not Reviewed)

Data File : VU032032.D
Acq On : 15 May 2019 15:21
Operator : JC/SP
Sample : K2814-01MERE
Misc : 5.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4246ME

Quant Time: May 16 04:29:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1197474	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1183113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	513183	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	346467	32.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.94%			
7) Chloroethane-d5	1.64	69	186001	21.86	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 43.72%#			
11) 1,1-Dichloroethene-d2	2.23	63	518810	27.54	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.08%#			
21) 2-Butanone-d5	4.19	46	682318	92.73	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.73%			
24) Chloroform-d	4.64	84	709531	40.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.68%			
26) 1,2-Dichloroethane-d4	5.30	65	472818	42.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.36%			
32) Benzene-d6	5.33	84	1509441	44.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.14%			
36) 1,2-Dichloropropane-d6	6.32	67	512847	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.76%			
41) Toluene-d8	7.56	98	1302413	42.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.88%			
43) trans-1,3-Dichloropropene-	7.85	79	223246	44.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.56%			
47) 2-Hexanone-d5	8.32	63	495758	108.18	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	788980	47.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	502867	46.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.14%			

Target Compounds						Qvalue
13) Acetone	2.34	43	44292	5.855	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	8015	0.618	ug/L	98
48) 2-Hexanone	8.32	43	52981	4.622	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	64459	4.748	ug/L	90

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

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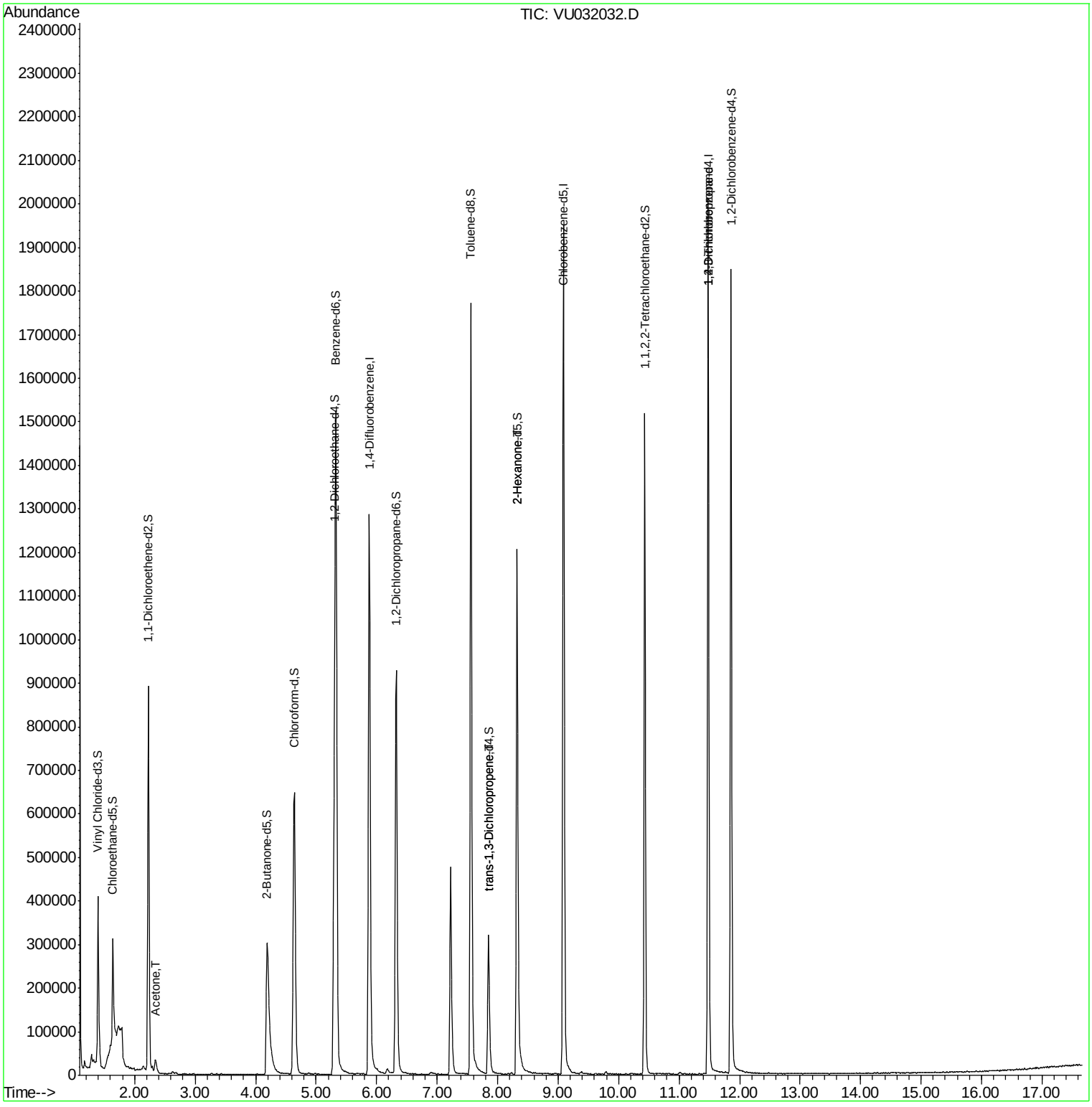
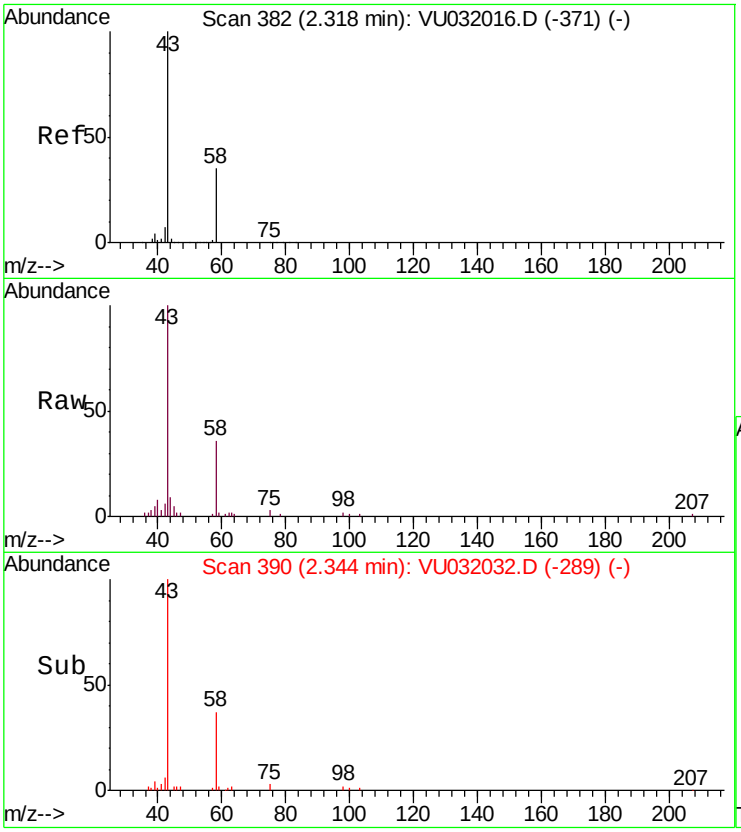
Operator : JC/SP
Sample : K2814-01MERE
Misc : 5.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4246ME

Quant Time: May 16 04:29:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration



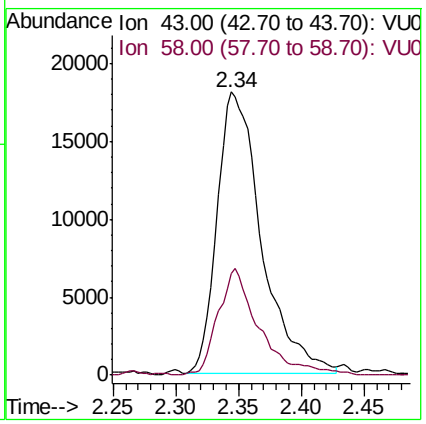


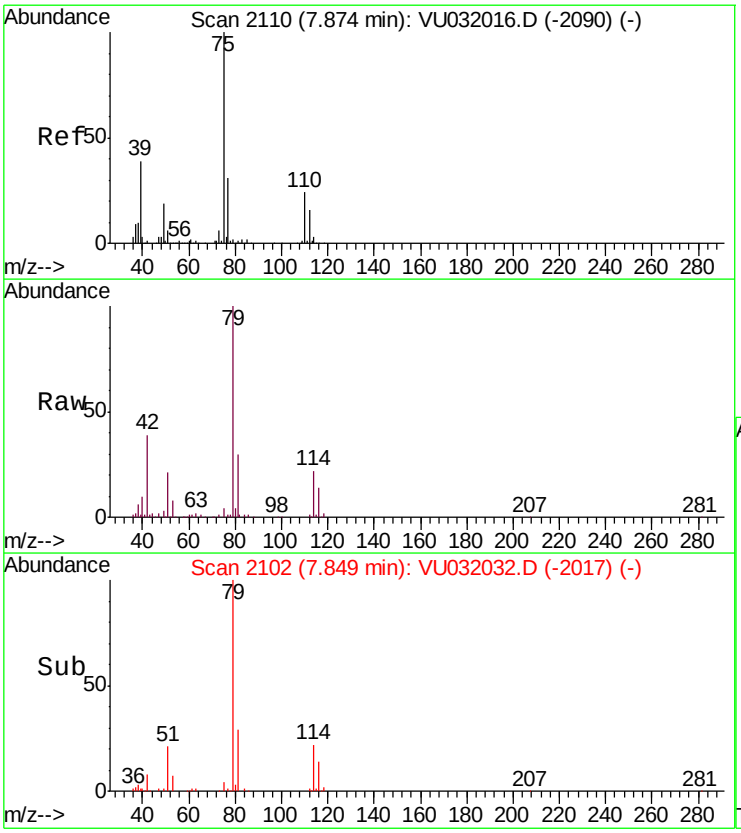
#13
Acetone
Concen: 5.855 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.03 min
Lab File: VU032032.D
Acq: 15 May 2019 15:21

Instrument : MSVOA_U
ClientSampleId : A4246ME

Tgt Ion: 43 Resp: 44292

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	68.2

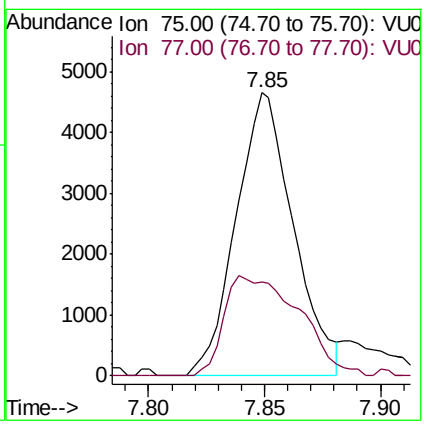


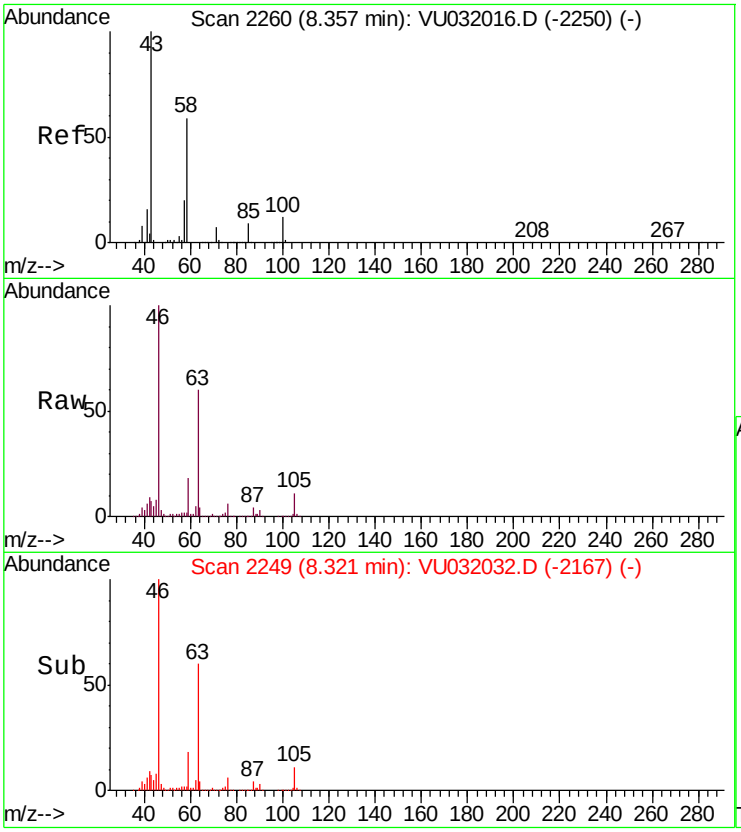


#44
trans-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032032.D
Acq: 15 May 2019 15:21

Tgt Ion: 75 Resp: 8015

Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.5	41.7



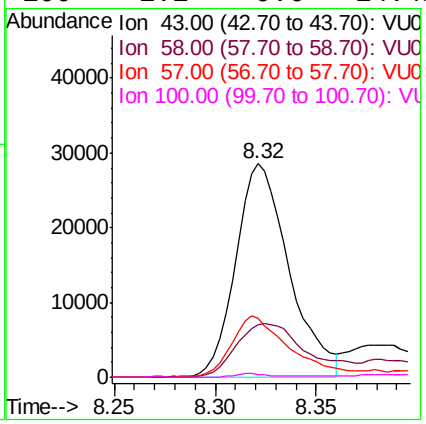


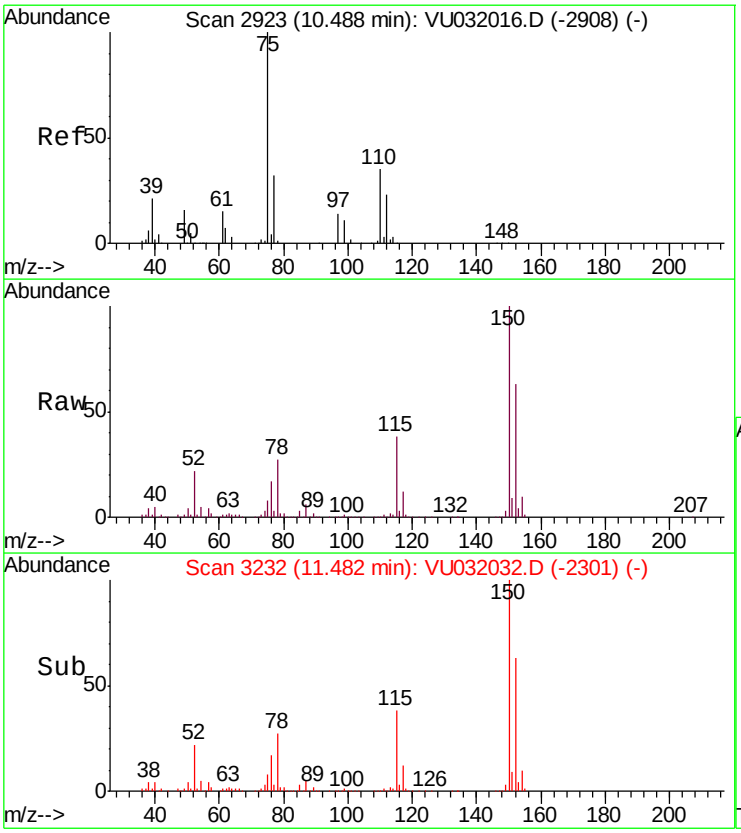
#48
2-Hexanone
Concen: 4.622 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU032032.D
Acq: 15 May 2019 15:21

Instrument : MSVOA_U
ClientSampleId : A4246ME

Tgt Ion: 43 Resp: 52981

Ion	Ratio	Lower	Upper
43	100		
58	31.4	47.8	71.6#
57	30.5	16.0	24.0#
100	1.1	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 4.748 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032032.D
Acq: 15 May 2019 15:21

Tgt Ion: 75 Resp: 64459

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.7	38.5