Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\
Data File : VU035500.D
Acq On : 25 Oct 2019 20:50
Operator : JC/SP
Sample : K5554-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQ89

Quant Time: Oct 26 05:44:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	196699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	216267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86044	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	132464	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.93	69	106135	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.59	63	164011	3.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.40%			
20) 2-Butanone-d5	4.71	46	268995	51.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.90%			
24) Chloroform-d	5.11	84	188145	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.75	65	108670	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.77	84	397524	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.74	67	130909	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.93	98	326655	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	8.22	79	45058	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
46) 2-Hexanone-d5	8.68	63	179559	48.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.30%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102810	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	101328	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
13) Acetone	2.68	43	7715	1.962	ug/L	95
14) Carbon disulfide	2.82	76	12975	0.196	ug/L #	90
21) 2-Butanone	4.79	43	6962	1.220	ug/L	81
42) Toluene	8.01	91	9776	0.111	ug/L	96

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

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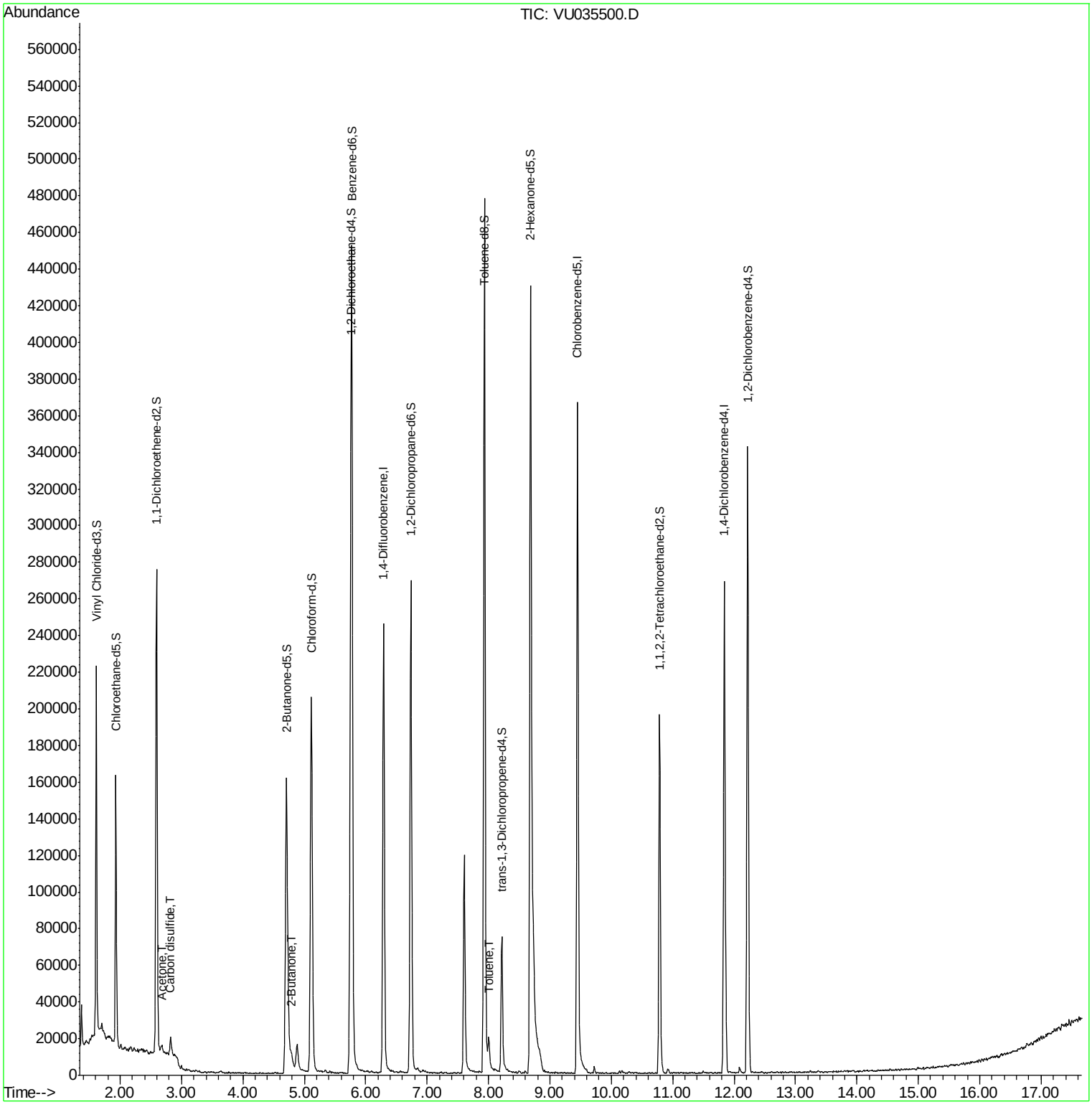
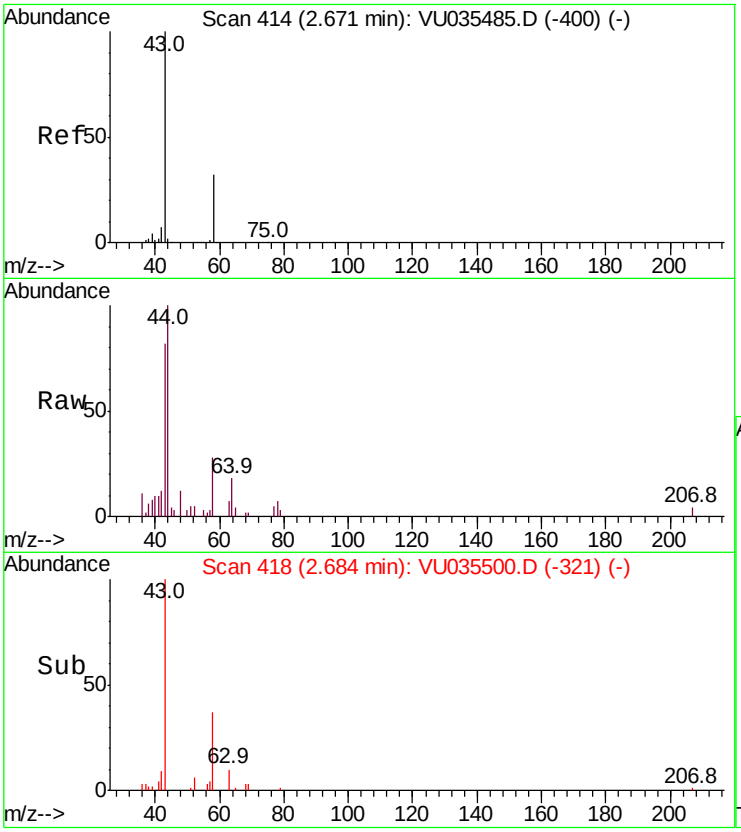


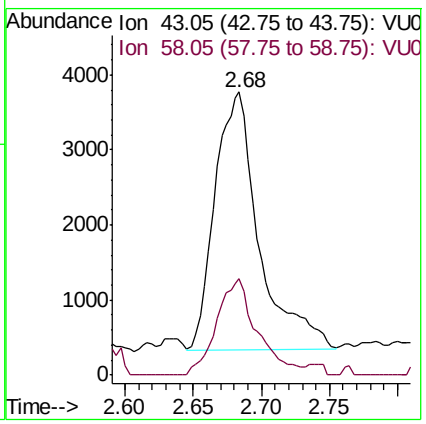


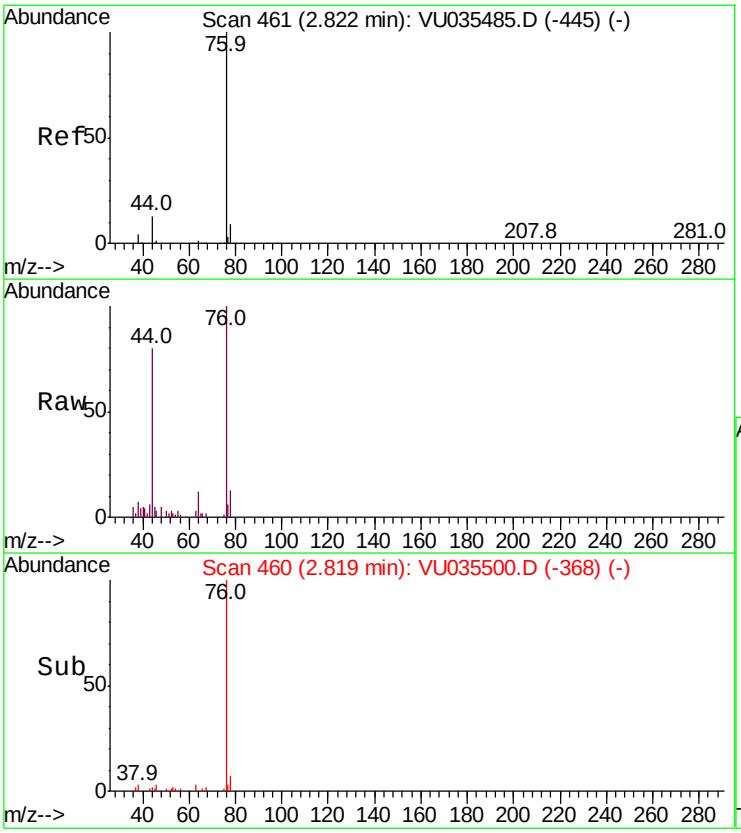
#13
Acetone
Concen: 1.962 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU035500.D
Acq: 25 Oct 2019 20:50

Instrument :
MSVOA_U
ClientSampleId :
GAQ89

Tgt Ion: 43 Resp: 7715

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	63.2

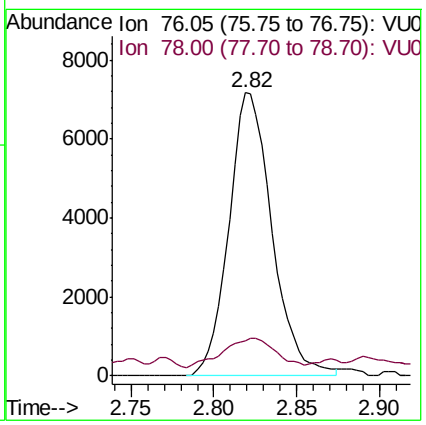


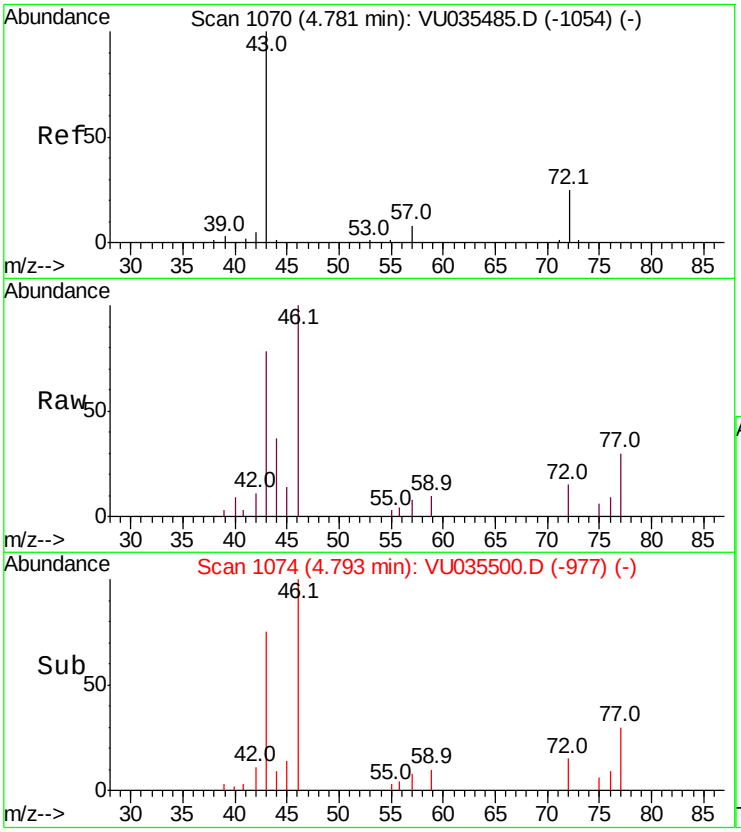


#14
Carbon disulfide
Concen: 0.196 ug/L
RT: 2.82 min Scan# 460
Delta R.T. -0.00 min
Lab File: VU035500.D
Acq: 25 Oct 2019 20:50

Tgt Ion: 76 Resp: 12975

Ion	Ratio	Lower	Upper
76	100		
78	12.6	7.3	10.9#



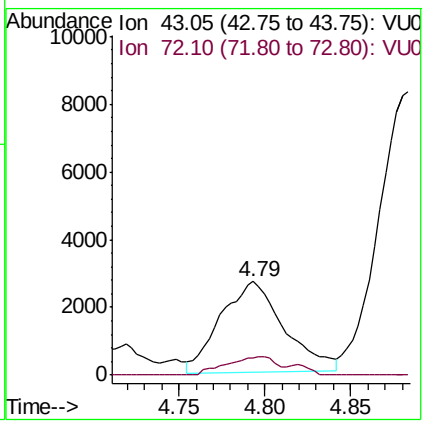


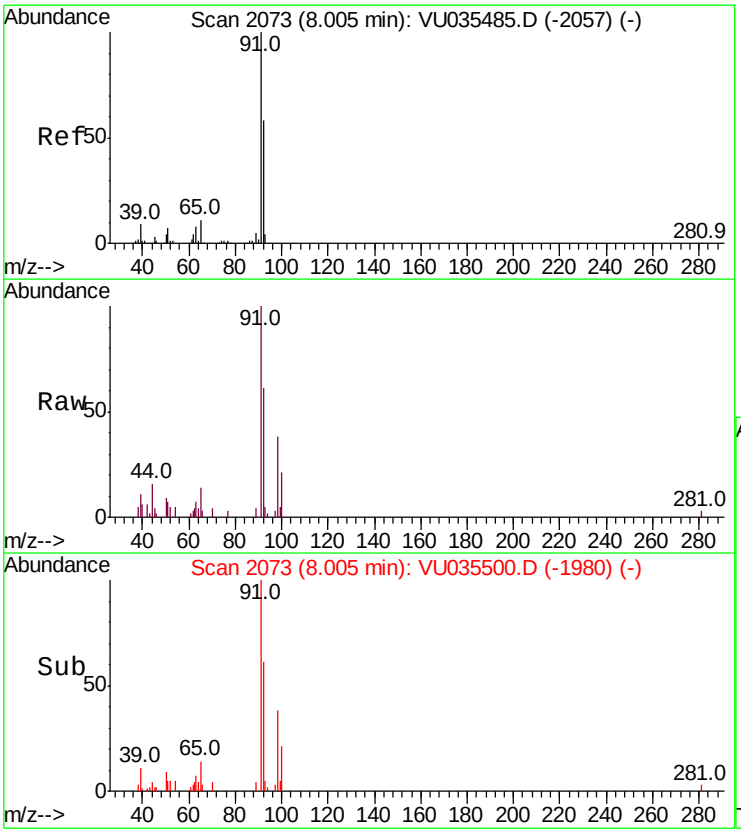
#21
2-Butanone
Concen: 1.220 ug/L
RT: 4.79 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VU035500.D
Acq: 25 Oct 2019 20:50

Instrument : MSVOA_U
ClientSampleId : GAQ89

Tgt Ion: 43 Resp: 6962

Ion	Ratio	Lower	Upper
43	100		
72	16.2	12.9	38.7





#42
Toluene
Concen: 0.111 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035500.D
Acq: 25 Oct 2019 20:50

Tgt Ion: 91 Resp: 9776

Ion	Ratio	Lower	Upper
91	100		
92	61.1	40.9	75.9