Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Time: Jun 07 05:52:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211444	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101579	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	48991	35.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.42%			
7) Chloroethane-d5	1.68	69	44259	40.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.30%			
11) 1,1-Dichloroethene-d2	2.27	63	78611	29.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.54%#			
21) 2-Butanone-d5	4.17	46	111844	97.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.42%			
24) Chloroform-d	4.64	84	113562	44.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.78%			
26) 1,2-Dichloroethane-d4	5.30	65	77255	47.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.86%			
32) Benzene-d6	5.33	84	237209	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.34%			
36) 1,2-Dichloropropane-d6	6.32	67	77145	47.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.78%			
41) Toluene-d8	7.56	98	228300	46.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.74%			
43) trans-1,3-Dichloropropene-	7.85	79	34800	45.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.28%			
47) 2-Hexanone-d5	8.31	63	78899	100.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114478	49.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.10%			
64) 1,2-Dichlorobenzene-d4	11.85	152	100289	51.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	816	0.632	ug/L #	18
13) Acetone	2.32	43	1426	1.204	ug/L	84
39) cis-1,3-Dichloropropene	7.22	75	2453	1.055	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1589	0.770	ug/L #	75
48) 2-Hexanone	8.37	43	3139	1.612	ug/L #	88
51) Chlorobenzene	9.12	112	2975	0.758	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	12197	6.366	ug/L	93

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

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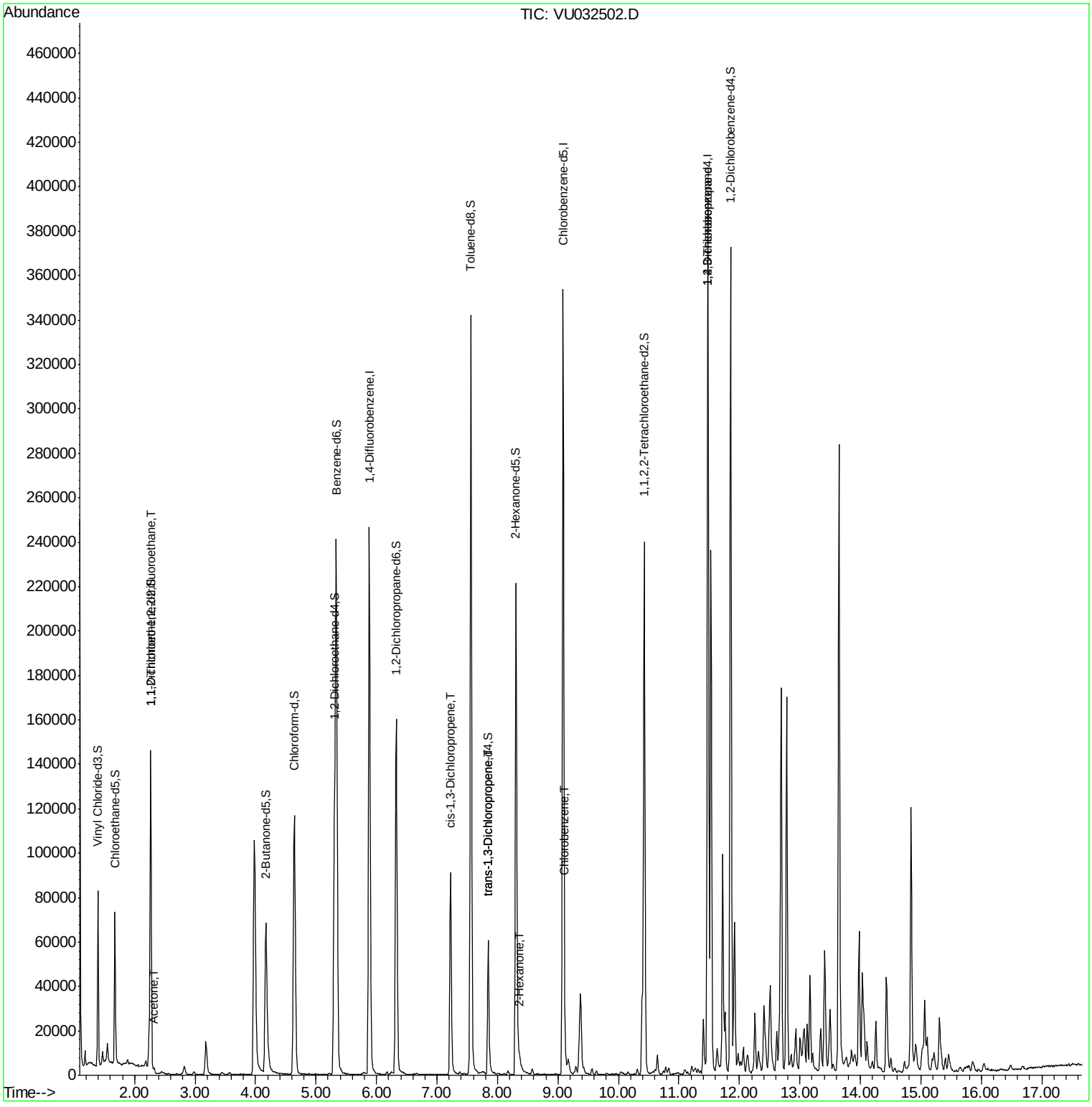
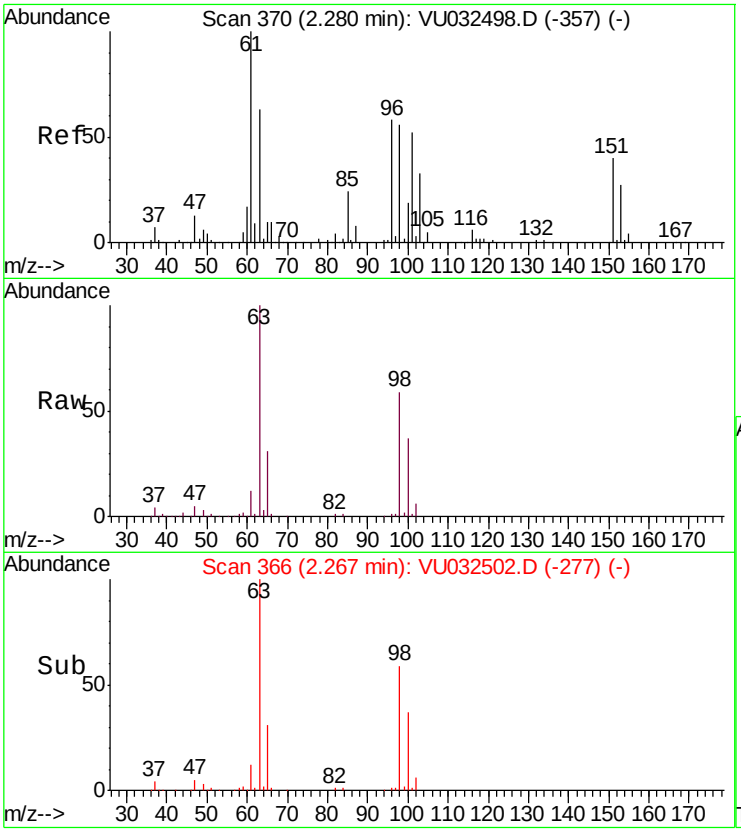
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration



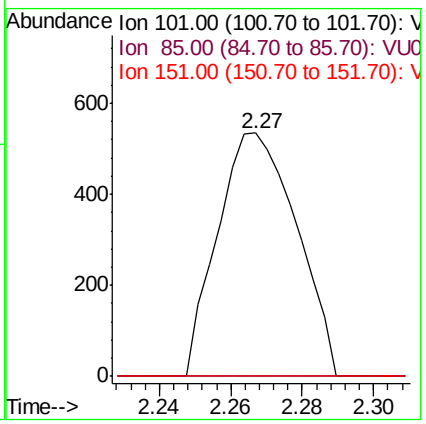


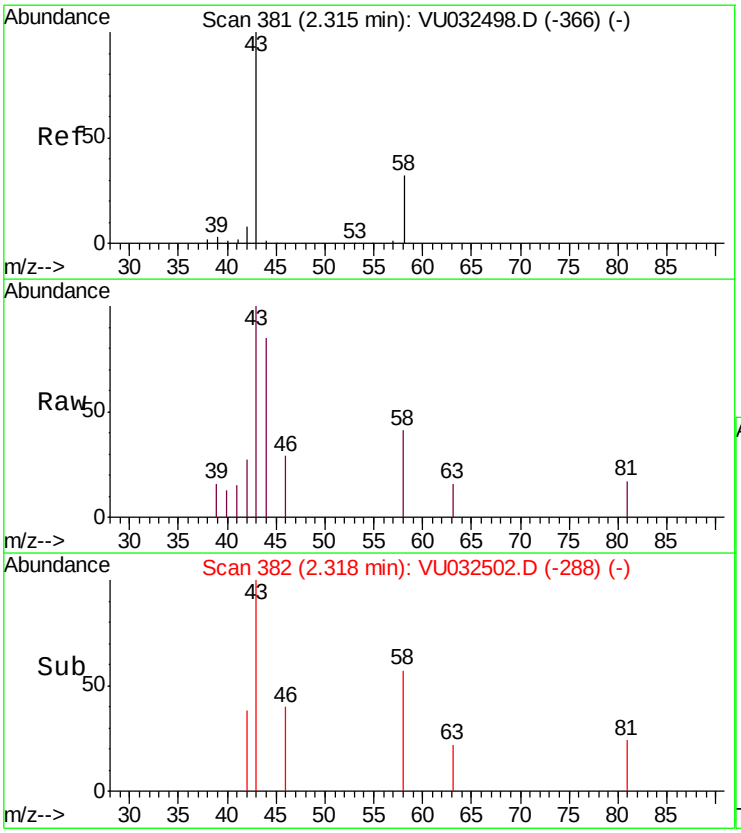
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.632 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB8K2

Tgt Ion:101 Resp: 816

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

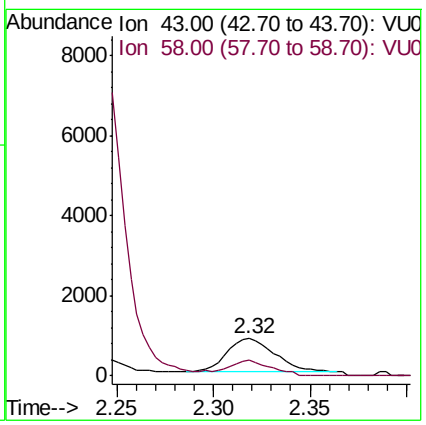


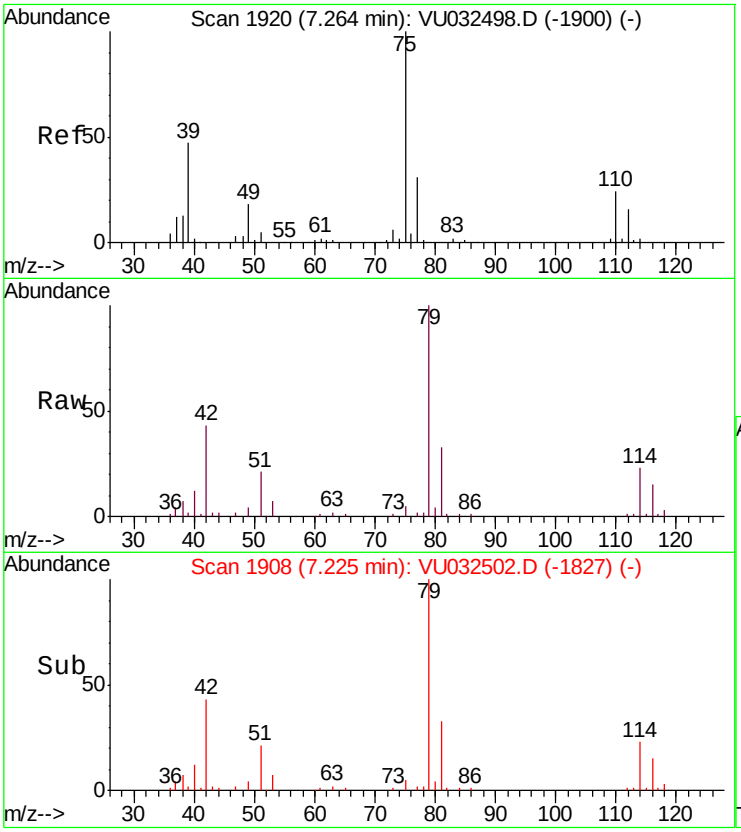


#13
Acetone
Concen: 1.204 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Tgt Ion: 43 Resp: 1426

Ion	Ratio	Lower	Upper
43	100		
58	40.7	0.0	64.0



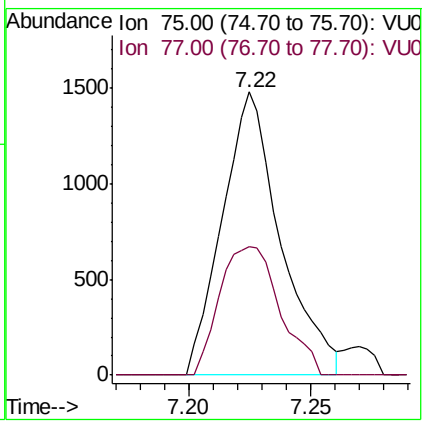


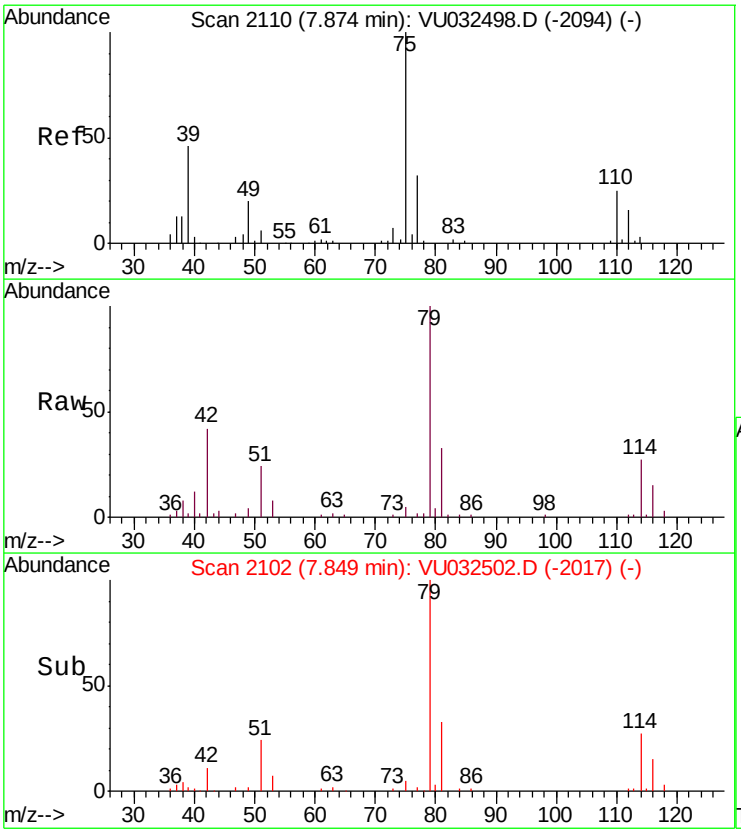
#39
cis-1,3-Dichloropropene
Concen: 1.055 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :
DB8K2

Tgt Ion: 75 Resp: 2453

Ion	Ratio	Lower	Upper
75	100		
77	45.3	22.0	41.0#

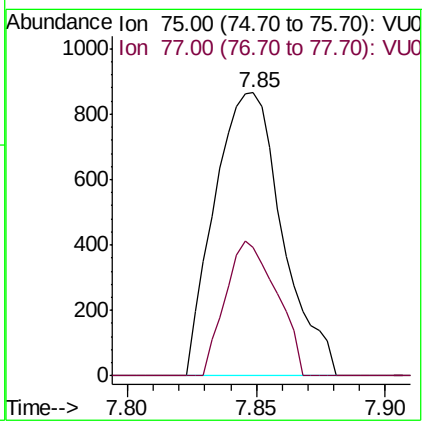


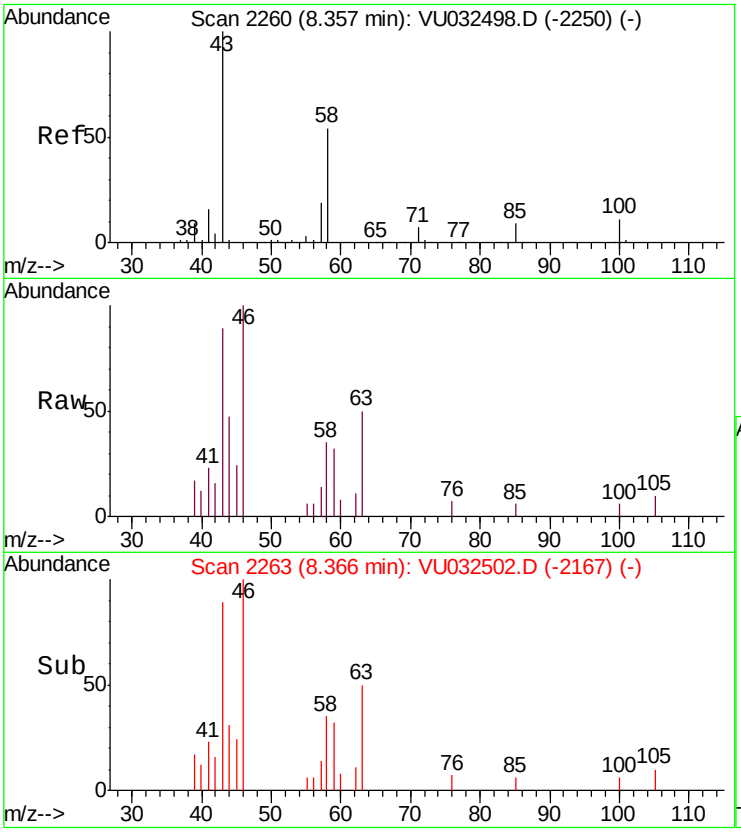


#44
trans-1,3-Dichloropropene
Concen: 0.770 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Tgt Ion: 75 Resp: 1589

Ion	Ratio	Lower	Upper
75	100		
77	45.2	22.1	41.1#



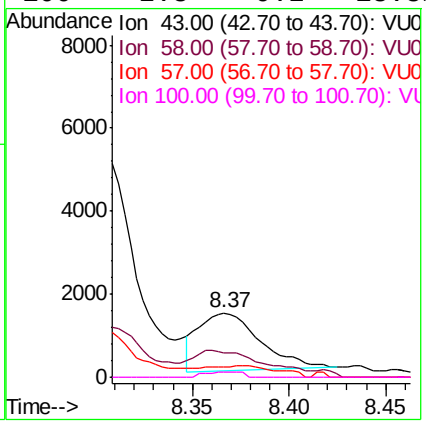


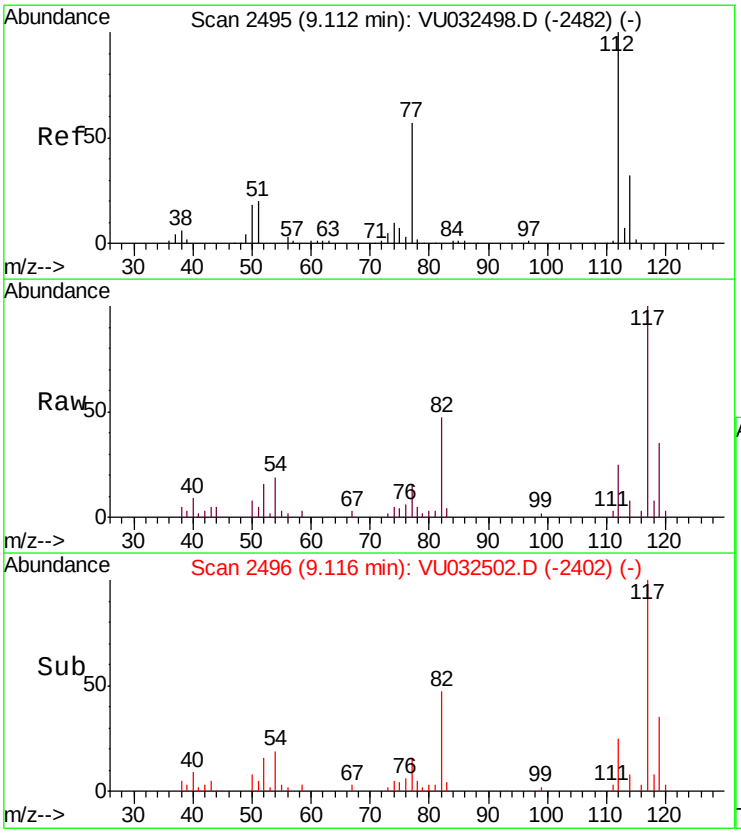
#48
2-Hexanone
Concen: 1.612 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Instrument : MSVOA_U
ClientSampleId : DB8K2

Tgt Ion: 43 Resp: 3139

Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.0	63.0
57	3.1	14.6	22.0#
100	2.3	9.2	13.8#

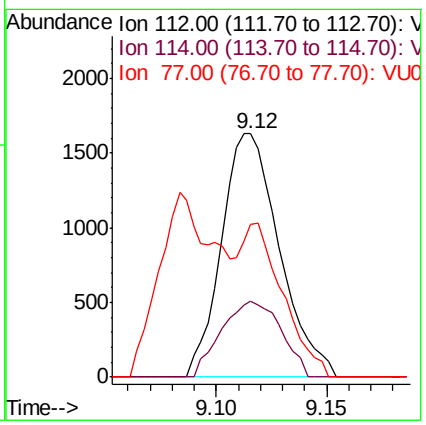


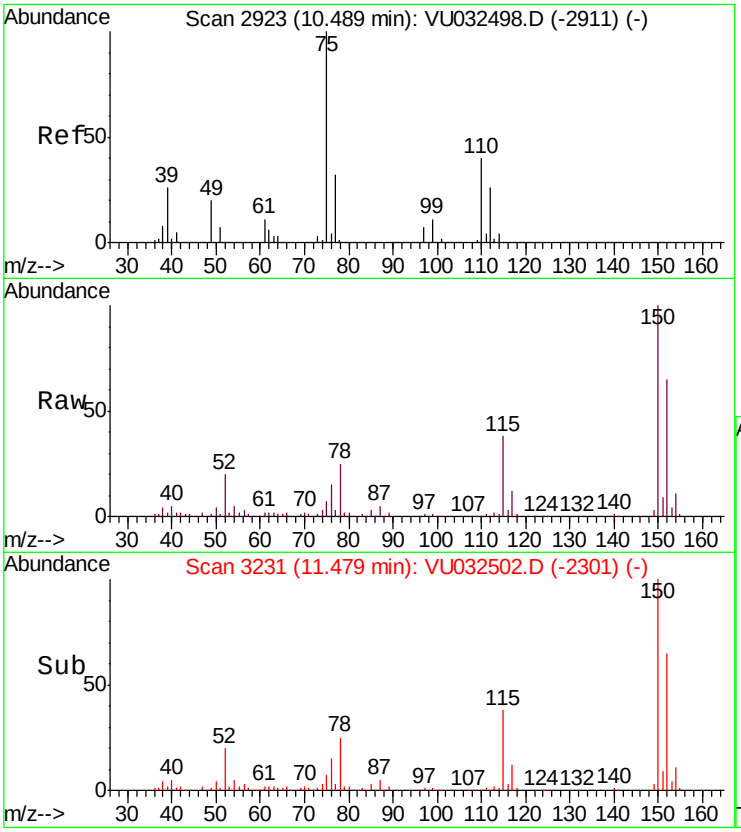


#51
Chlorobenzene
Concen: 0.758 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Tgt Ion:112 Resp: 2975

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.6	42.0
77	62.8	46.1	69.1





#59
1,2,3-Trichloropropane
Concen: 6.366 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :
DB8K2

Tgt Ion: 75 Resp: 12197

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.6	38.4