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

Quantitation Report (Not Reviewed)

Data File : VU032475.D
Acq On : 05 Jun 2019 20:52
Operator : JC/SP
Sample : K3213-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K3

Quant Time: Jun 06 04:09:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101164	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51653	37.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.14%			
7) Chloroethane-d5	1.68	69	46401	42.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.27	63	81080	30.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.24%			
21) 2-Butanone-d5	4.17	46	106466	92.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.54%			
24) Chloroform-d	4.64	84	114139	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.02%			
26) 1,2-Dichloroethane-d4	5.30	65	77116	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.48%			
32) Benzene-d6	5.33	84	241014	46.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.26%			
36) 1,2-Dichloropropane-d6	6.32	67	75969	46.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.74%			
41) Toluene-d8	7.56	98	228113	46.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.10%			
43) trans-1,3-Dichloropropene-	7.85	79	34435	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.84%			
47) 2-Hexanone-d5	8.31	63	69824	87.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.87%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111590	47.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.02%			
64) 1,2-Dichlorobenzene-d4	11.85	152	96697	49.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.80%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	759	0.586	ug/L #	18
25) Chloroform	4.67	83	1602	0.625	ug/L	84
27) 1,2-Dichloroethane	5.33	62	1304	0.644	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8169	5.450	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1664	0.793	ug/L	98
48) 2-Hexanone	8.36	43	3999	2.019	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	11684	5.997	ug/L	90

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

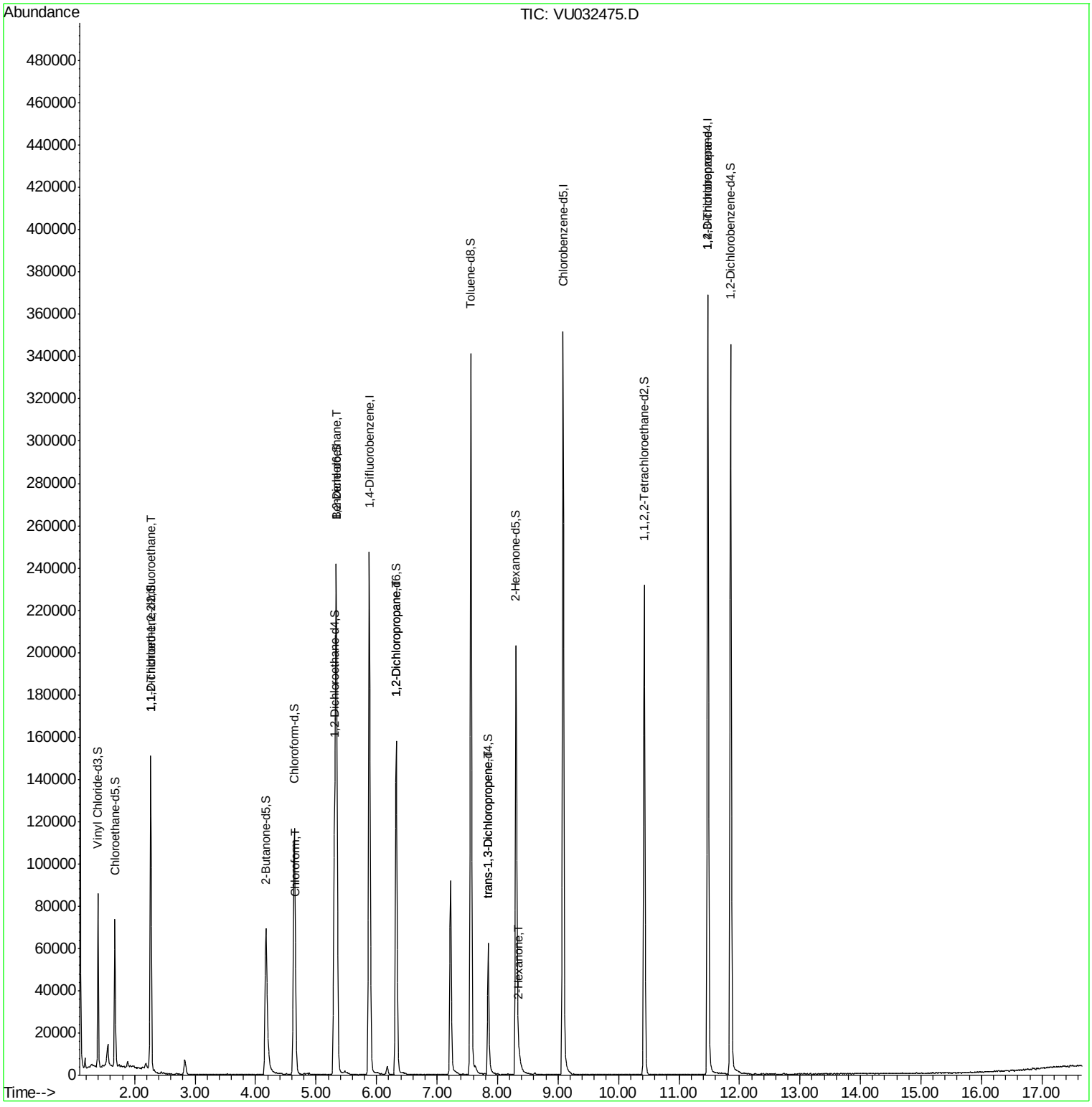
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

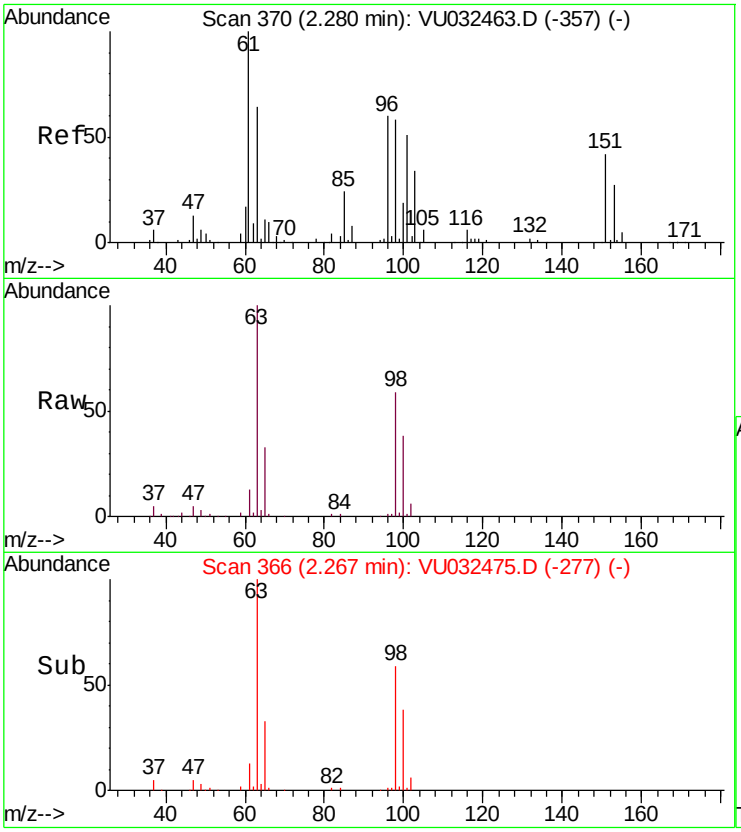
Quantitation Report (Not Reviewed)

Data File : VU032475.D
Acq On : 05 Jun 2019 20:52
Operator : JC/SP
Sample : K3213-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Quant Time: Jun 06 04:09:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration



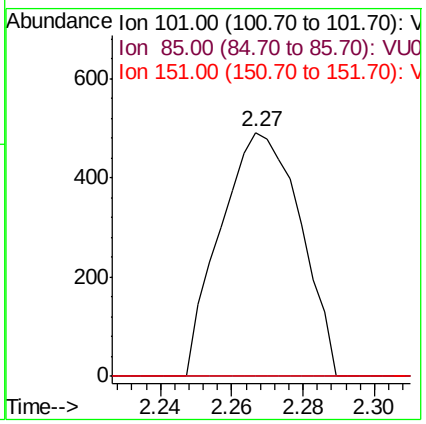


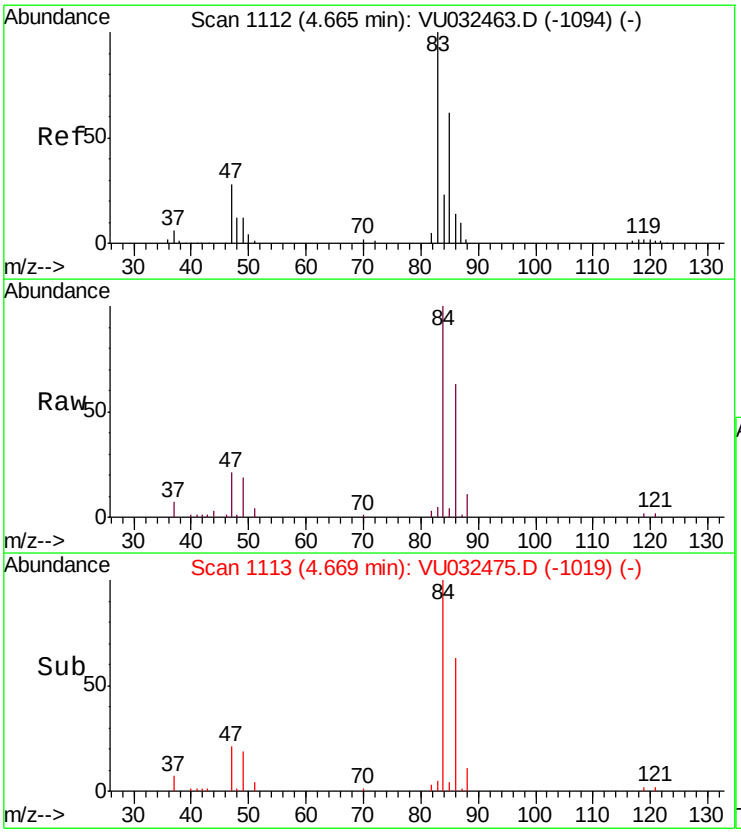
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.586 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Tgt Ion:101 Resp: 759

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

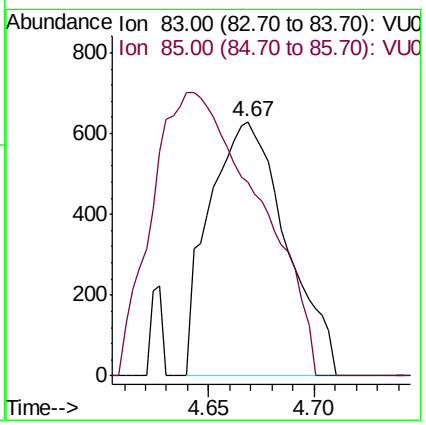


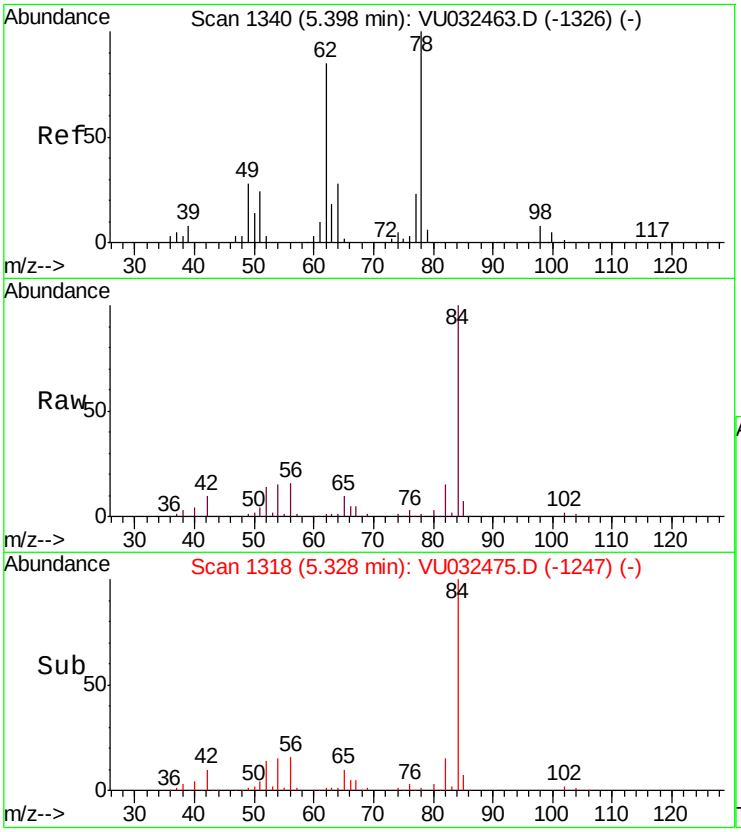


#25
Chloroform
Concen: 0.625 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Tgt Ion: 83 Resp: 1602

Ion	Ratio	Lower	Upper
83	100		
85	76.0	44.7	82.9



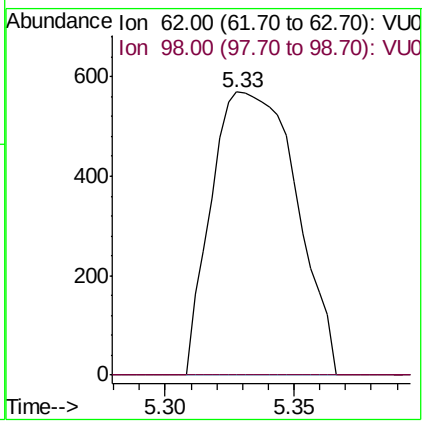


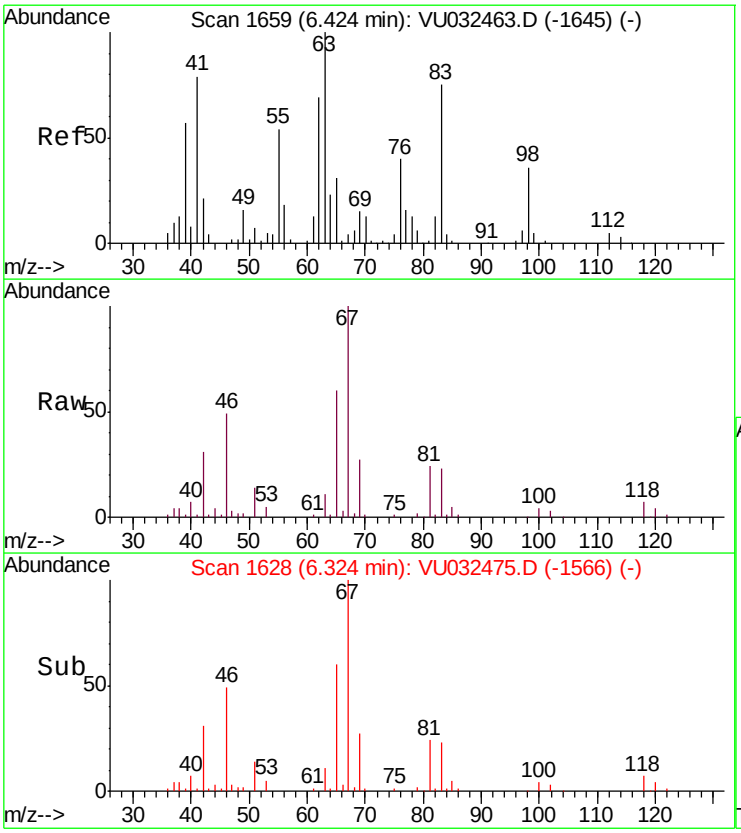
#27
1,2-Dichloroethane
Concen: 0.644 ug/L
RT: 5.33 min Scan# 1318
Delta R.T. -0.07 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Tgt Ion: 62 Resp: 1304

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

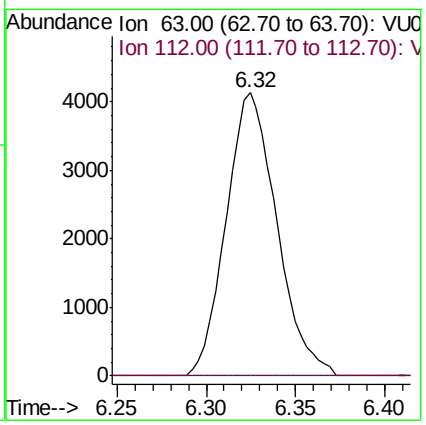


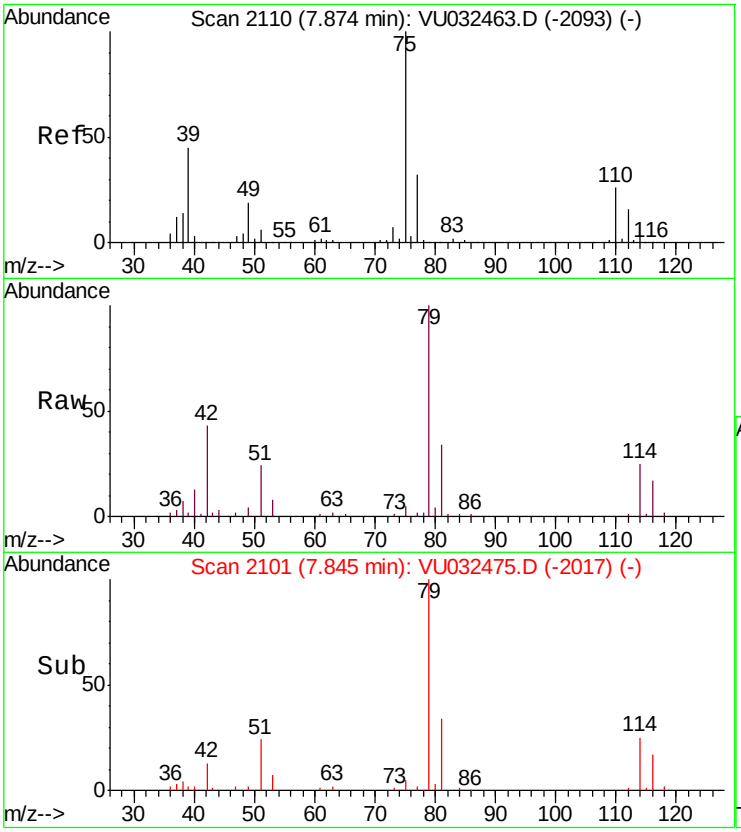


#37
1,2-Dichloropropane
Concen: 5.450 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Tgt Ion: 63 Resp: 8169

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



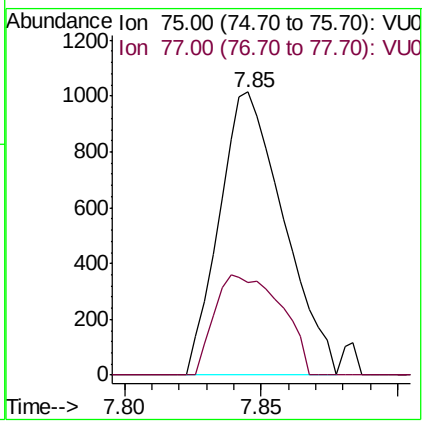


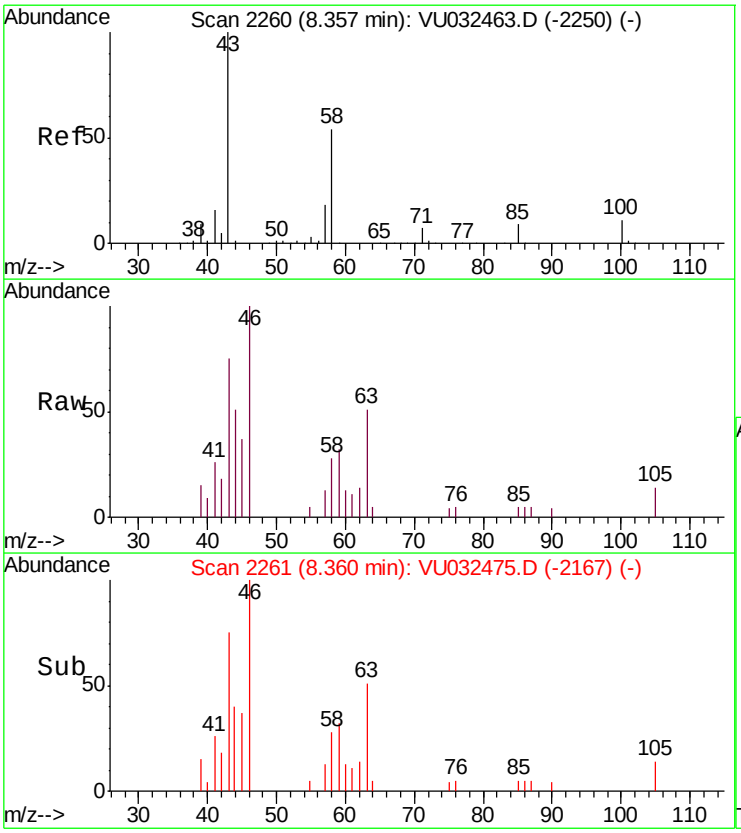
#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Tgt Ion: 75 Resp: 1664

Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.1	41.1

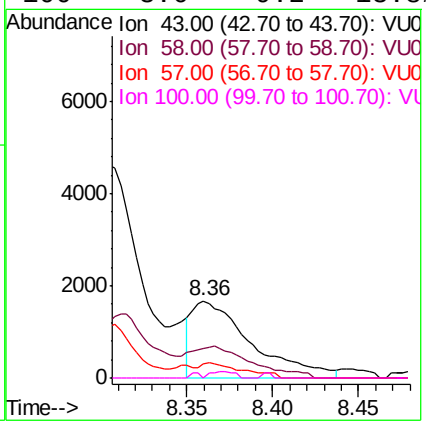


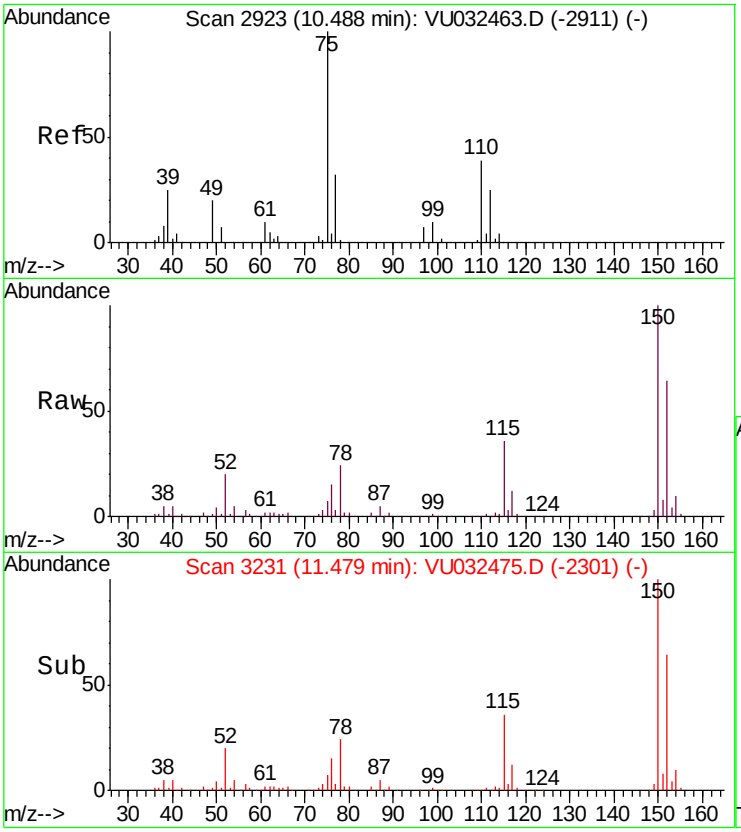


#48
2-Hexanone
Concen: 2.019 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Tgt Ion: 43 Resp: 3999

Ion	Ratio	Lower	Upper
43	100		
58	30.5	42.0	63.0#
57	11.1	14.6	22.0#
100	3.6	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.997 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032475.D
Acq: 05 Jun 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Tgt Ion: 75 Resp: 11684

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.6	38.4