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

Quantitation Report (Not Reviewed)

Data File : VU032504.D
Acq On : 06 Jun 2019 18:06
Operator : JC/SP
Sample : K3213-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K5

Quant Time: Jun 07 05:52:24 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	215980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	205124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103346	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	49437	35.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.56%			
7) Chloroethane-d5	1.68	69	44473	39.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.98%			
11) 1,1-Dichloroethene-d2	2.27	63	80713	29.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.84%#			
21) 2-Butanone-d5	4.17	46	112234	95.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.71%			
24) Chloroform-d	4.64	84	117666	45.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.04%			
26) 1,2-Dichloroethane-d4	5.30	65	79219	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%			
32) Benzene-d6	5.33	84	245294	46.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.12%			
36) 1,2-Dichloropropane-d6	6.32	67	79582	47.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.32%			
41) Toluene-d8	7.56	98	236254	46.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.58%			
43) trans-1,3-Dichloropropene-	7.85	79	36048	45.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.22%			
47) 2-Hexanone-d5	8.31	63	76204	94.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.09%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116145	48.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	99826	50.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.86%			
Target Compounds						Qvalue
13) Acetone	2.32	43	1393	1.151	ug/L	75
27) 1,2-Dichloroethane	5.33	62	1344	0.651	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8520	5.577	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2374	0.985	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1755	0.820	ug/L	84
48) 2-Hexanone	8.36	43	3329	1.649	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	11862	5.973	ug/L	90

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

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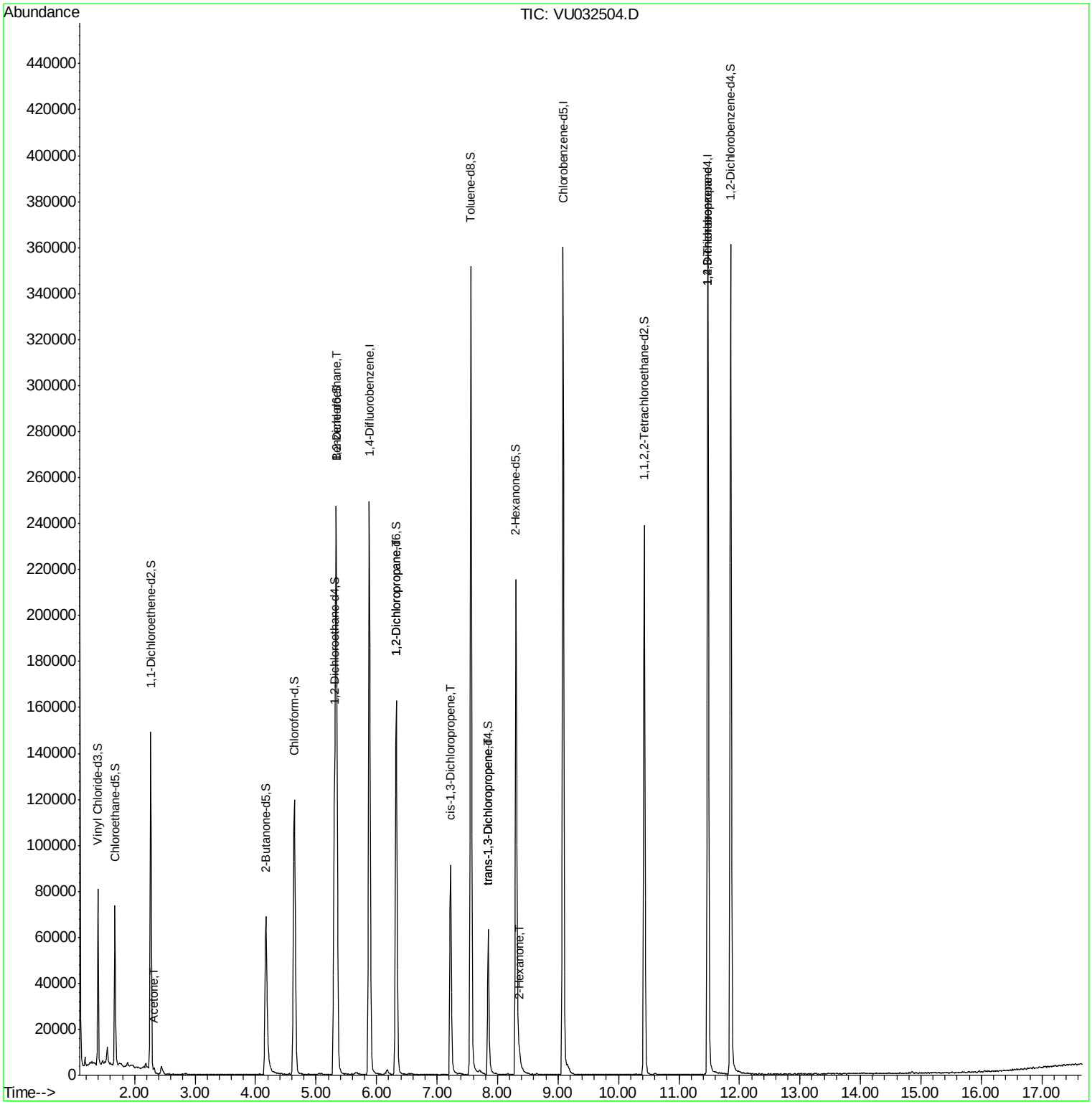
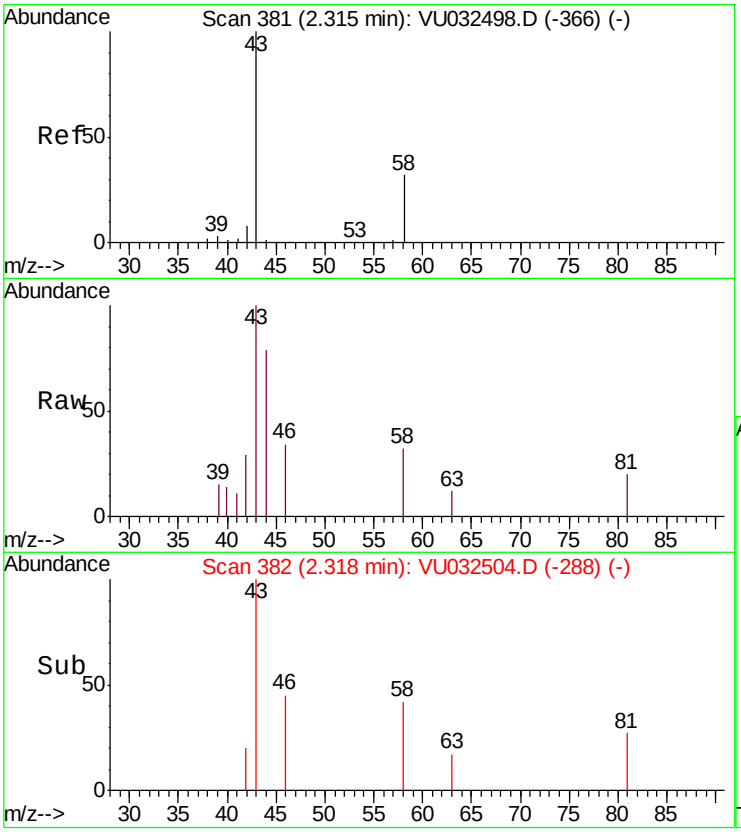
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration



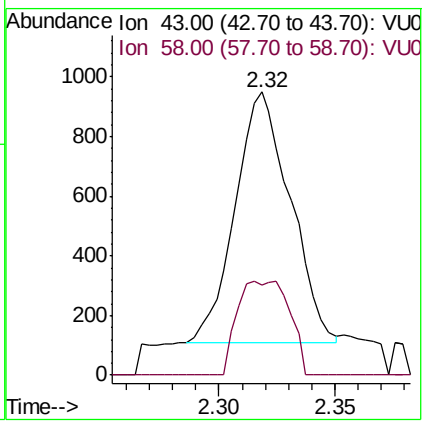


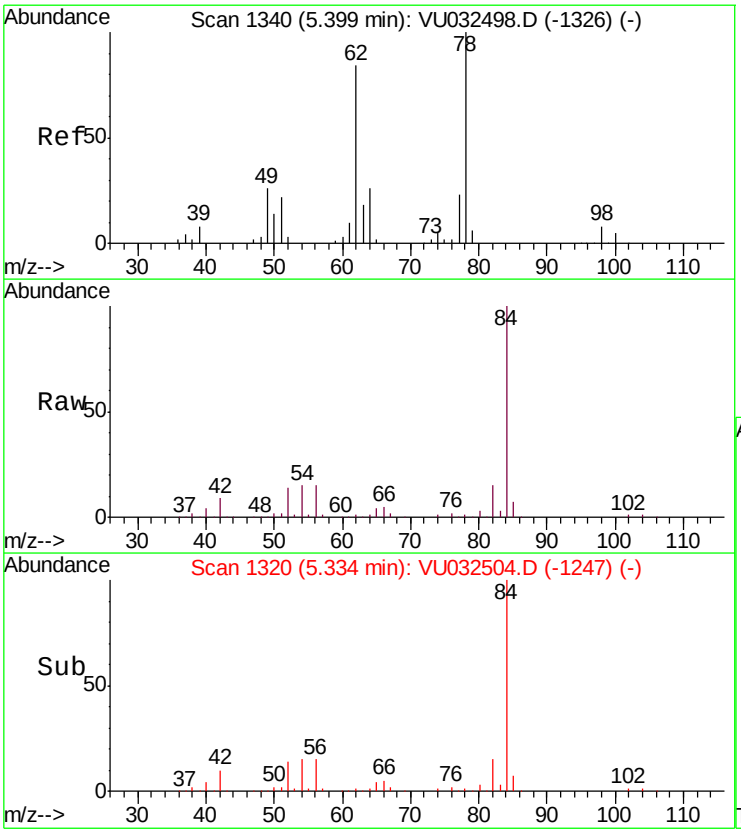
#13
Acetone
Concen: 1.151 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Instrument :
MSVOA_U
ClientSampleId :
DB8K5

Tgt Ion: 43 Resp: 1393

Ion	Ratio	Lower	Upper
43	100		
58	18.1	0.0	64.0

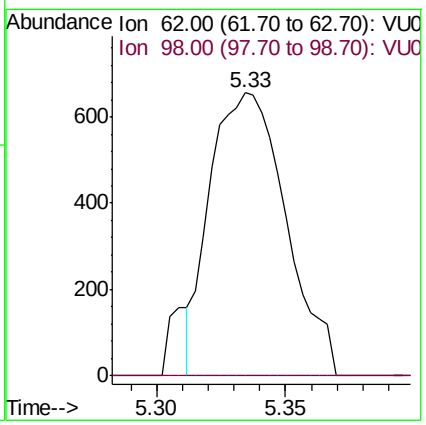


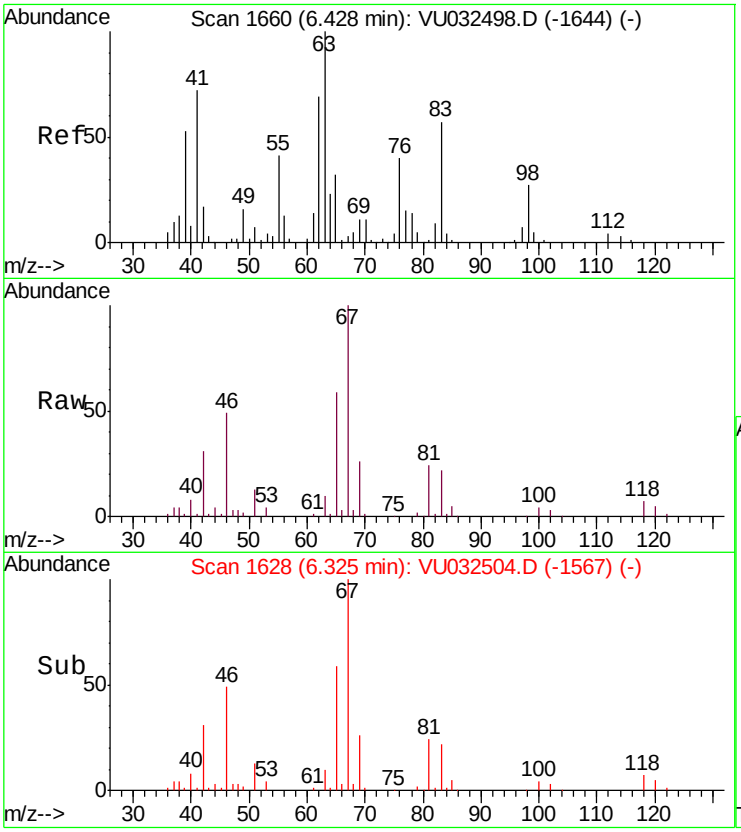


#27
1,2-Dichloroethane
Concen: 0.651 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Tgt Ion: 62 Resp: 1344

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



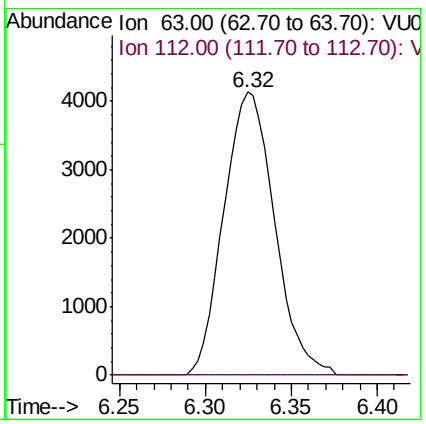


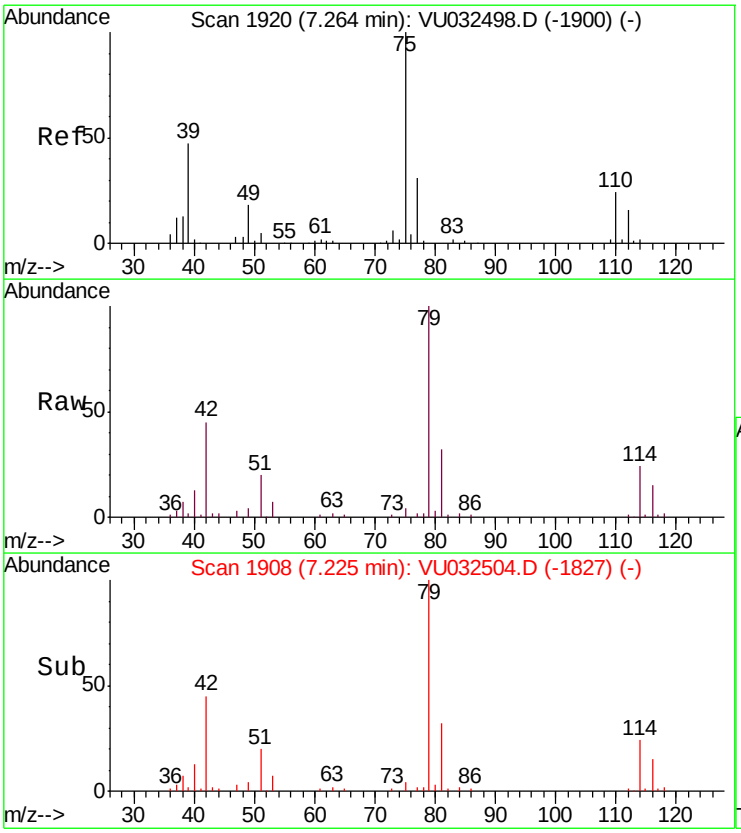
#37
1,2-Dichloropropane
Concen: 5.577 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Instrument : MSVOA_U
ClientSampleId : DB8K5

Tgt Ion: 63 Resp: 8520

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

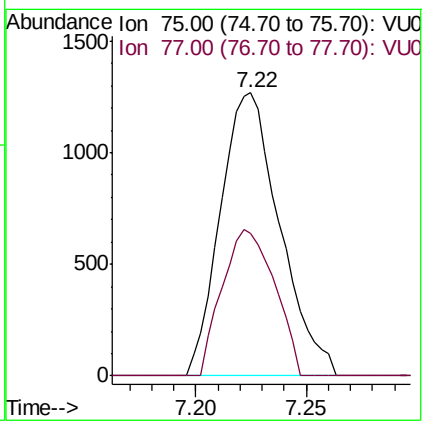


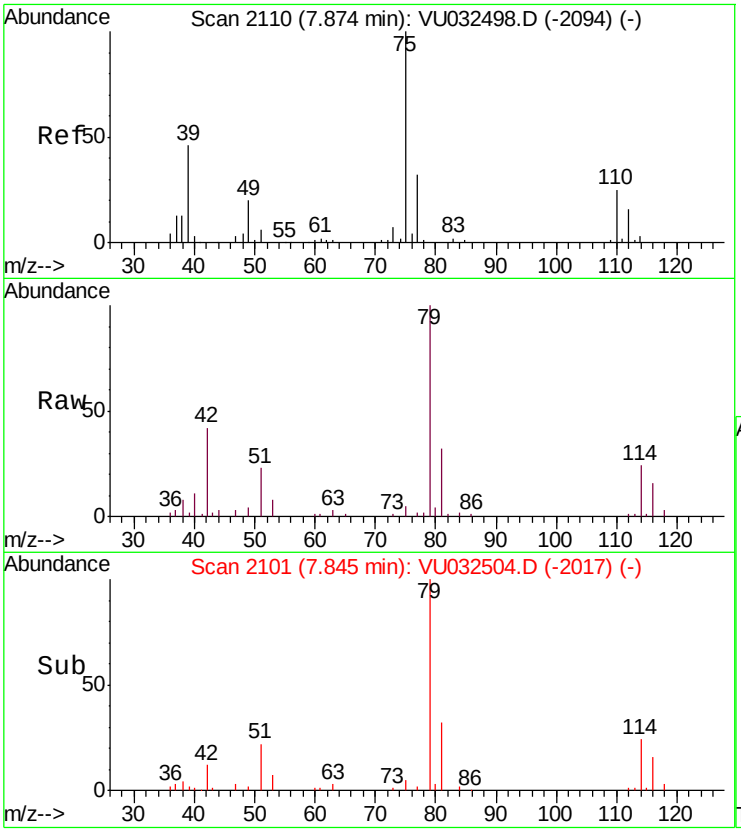


#39
cis-1,3-Dichloropropene
Concen: 0.985 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Tgt Ion: 75 Resp: 2374

Ion	Ratio	Lower	Upper
75	100		
77	50.2	22.0	41.0#



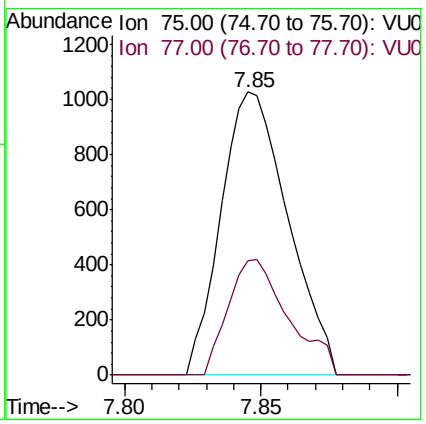


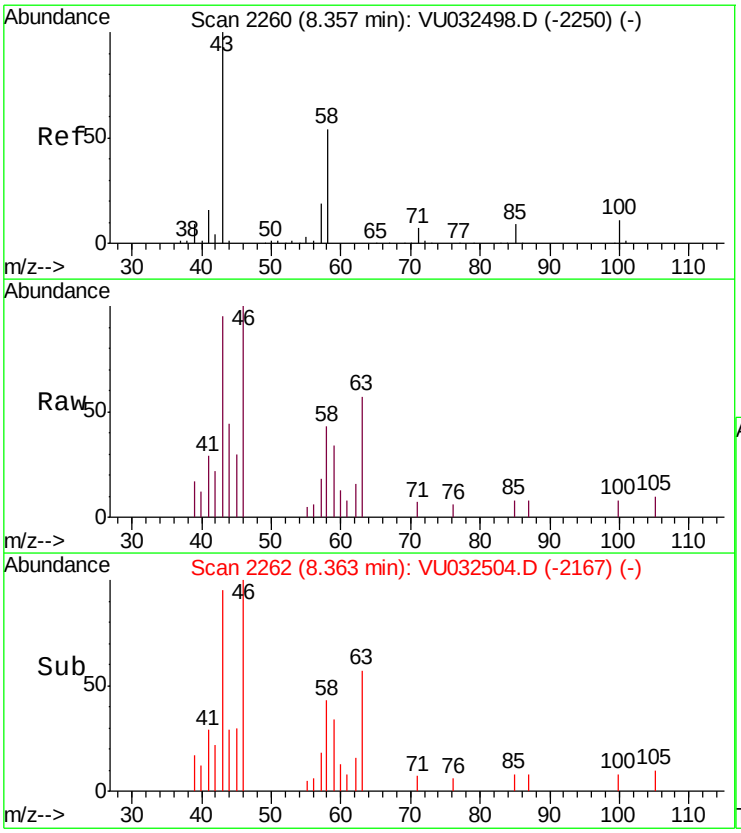
#44
trans-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Instrument :
MSVOA_U
ClientSampleId :
DB8K5

Tgt Ion: 75 Resp: 1755

Ion	Ratio	Lower	Upper
75	100		
77	40.2	22.1	41.1

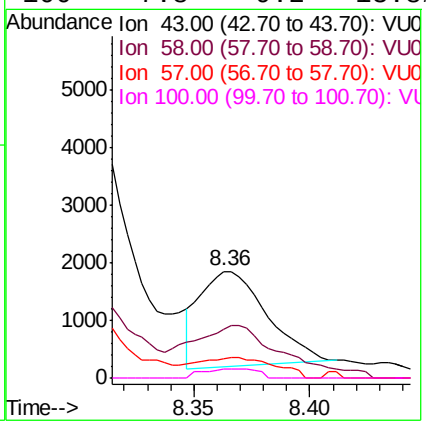


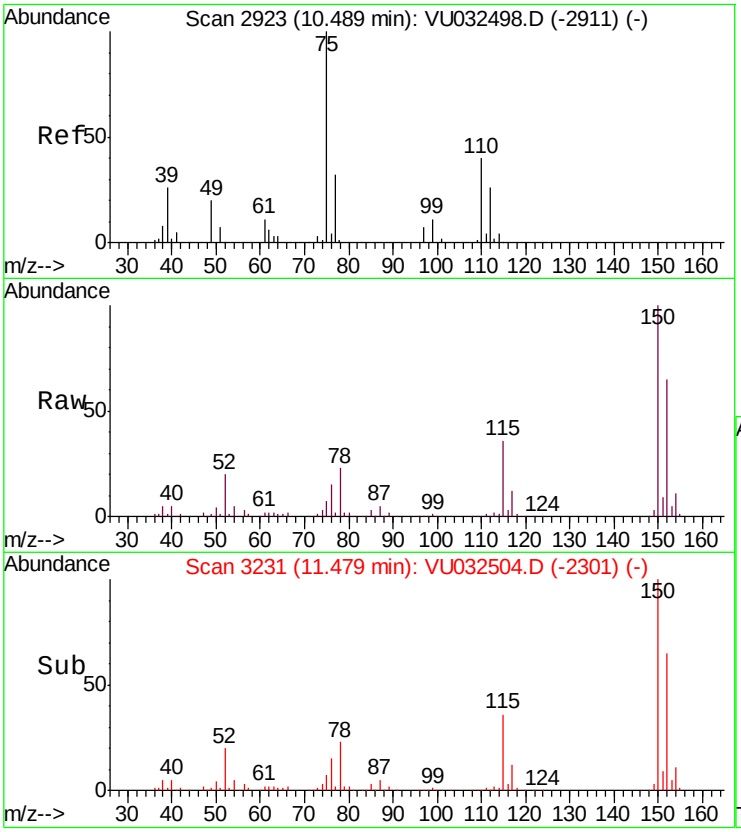


#48
2-Hexanone
Concen: 1.649 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Tgt Ion: 43 Resp: 3329

Ion	Ratio	Lower	Upper
43	100		
58	60.4	42.0	63.0
57	1.2	14.6	22.0#
100	7.8	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.973 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032504.D
Acq: 06 Jun 2019 18:06

Instrument :
MSVOA_U
ClientSampleId :
DB8K5

Tgt Ion: 75 Resp: 11862

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.6	38.4