Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060719\

Quantitation Report (Not Reviewed)

Data File : VU032532.D
Acq On : 07 Jun 2019 10:46
Operator : JC/SP
Sample : K3213-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Jun 07 22:22:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207020	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	192825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99800	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	54531	40.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.20%			
7) Chloroethane-d5	1.68	69	47532	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.08%			
11) 1,1-Dichloroethene-d2	2.27	63	86852	33.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.06%			
21) 2-Butanone-d5	4.17	46	121916	108.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.47%			
24) Chloroform-d	4.64	84	115357	46.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.10%			
26) 1,2-Dichloroethane-d4	5.30	65	78312	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.26%			
32) Benzene-d6	5.33	84	237946	47.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.06%			
36) 1,2-Dichloropropane-d6	6.32	67	77328	49.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.52%			
41) Toluene-d8	7.56	98	222776	46.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.86%			
43) trans-1,3-Dichloropropene-	7.85	79	35560	47.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.68%			
47) 2-Hexanone-d5	8.31	63	81325	106.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.81%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111082	48.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.68%			
64) 1,2-Dichlorobenzene-d4	11.85	152	93663	49.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	827	0.673	ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1290	0.652	ug/L #	75
35) Methylcyclohexane	6.32	83	17628	7.387	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8556	5.957	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2395	1.057	ug/L #	64
48) 2-Hexanone	8.37	43	2773	1.461	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	11674	6.253	ug/L	91

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

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Quantitation Report (Not Reviewed)

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Sample : K3213-20
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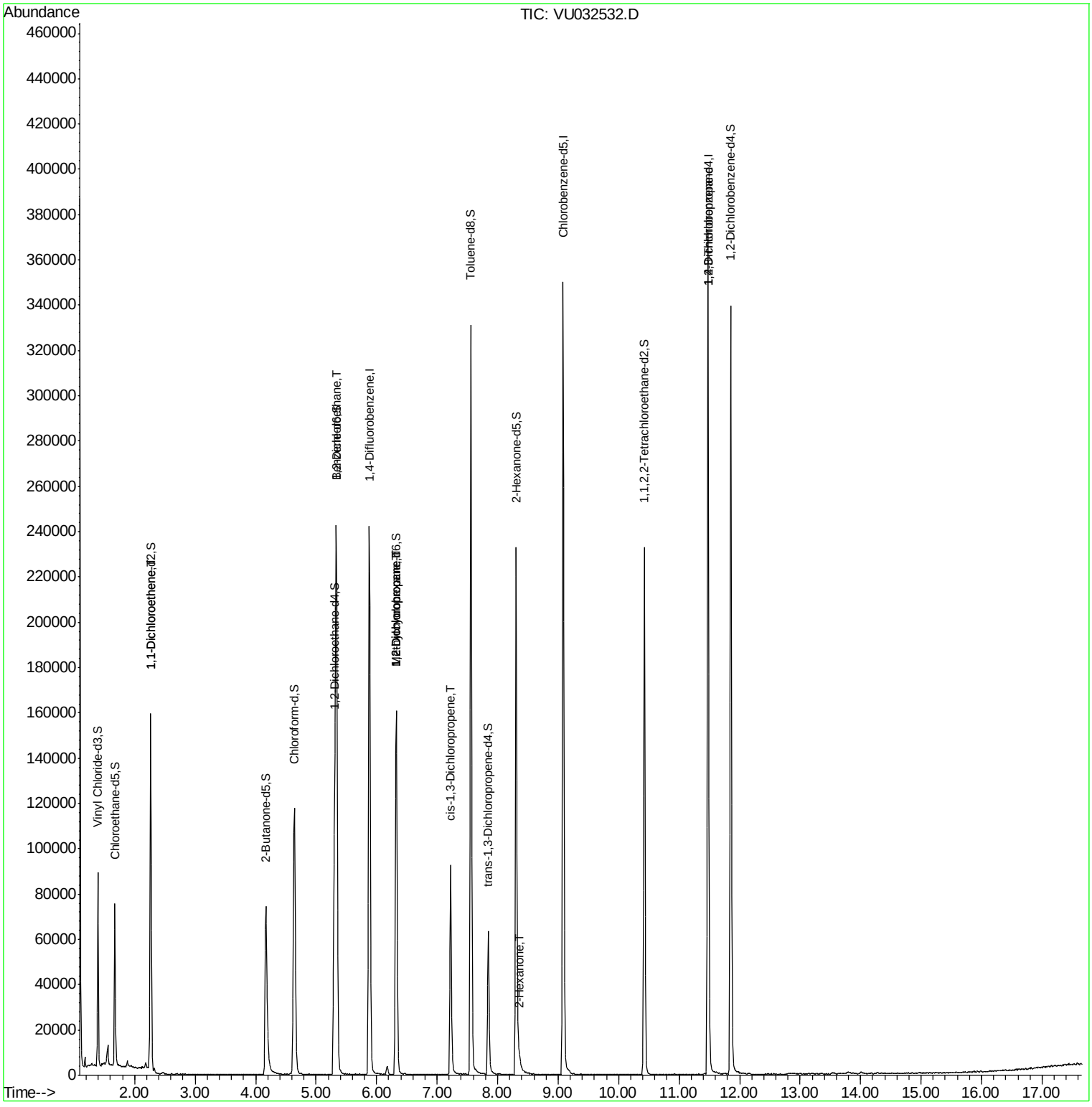
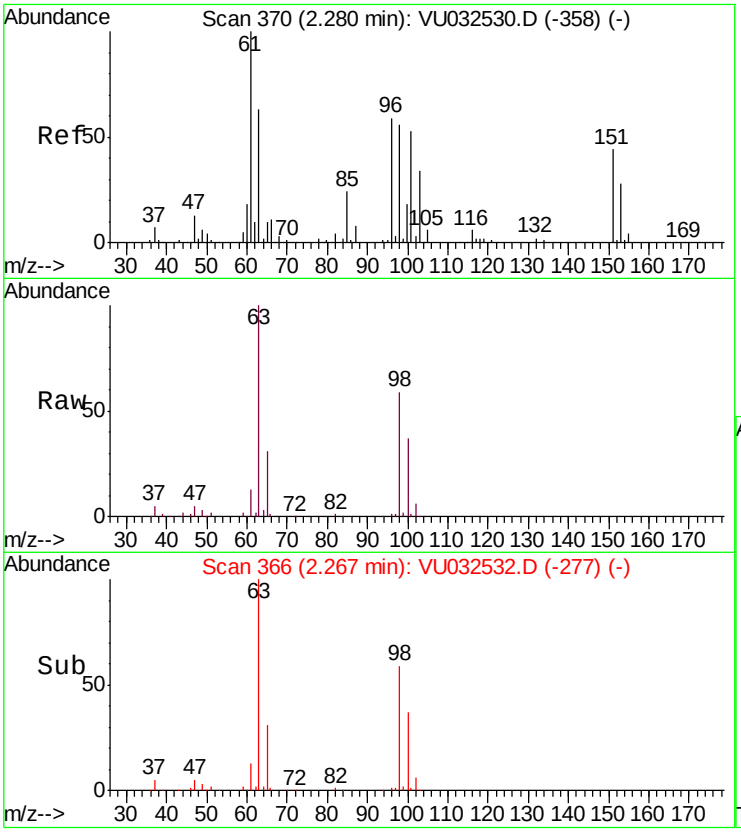
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Jun 07 22:22:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration



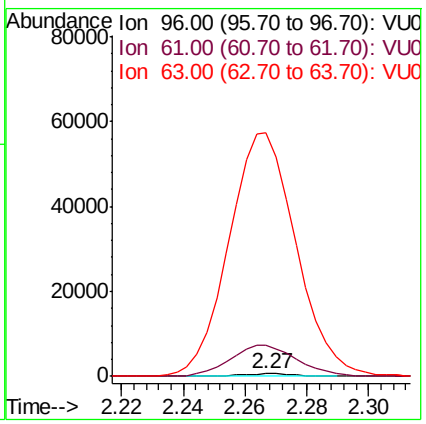


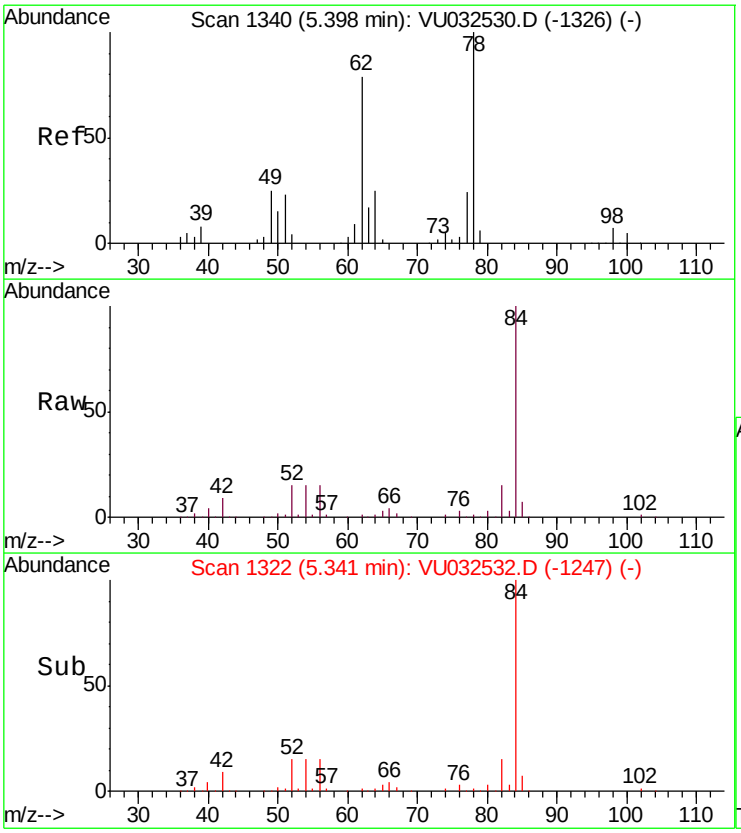
#12
1,1-Dichloroethene
Concen: 0.673 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 827

Ion	Ratio	Lower	Upper
96	100		
61	1265.0	129.5	240.5#
63	9994.4	103.4	192.0#

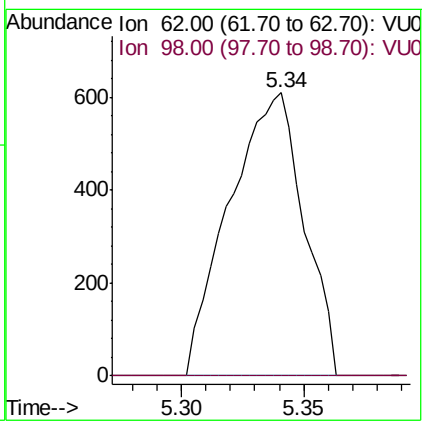


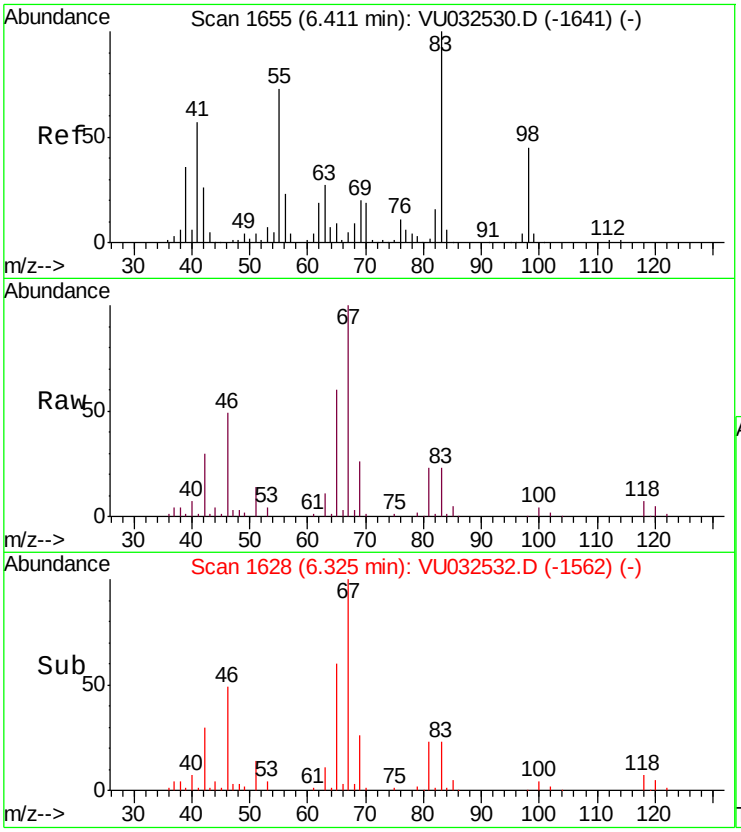


#27
1,2-Dichloroethane
Concen: 0.652 ug/L
RT: 5.34 min Scan# 1322
Delta R.T. -0.06 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Tgt Ion: 62 Resp: 1290

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



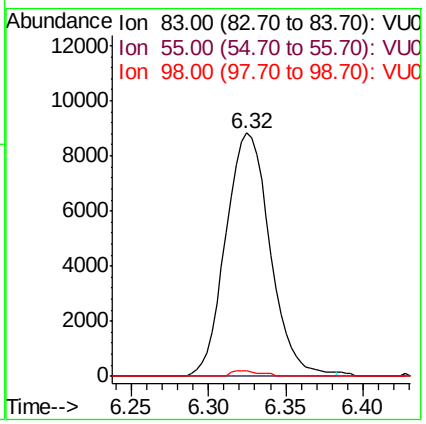


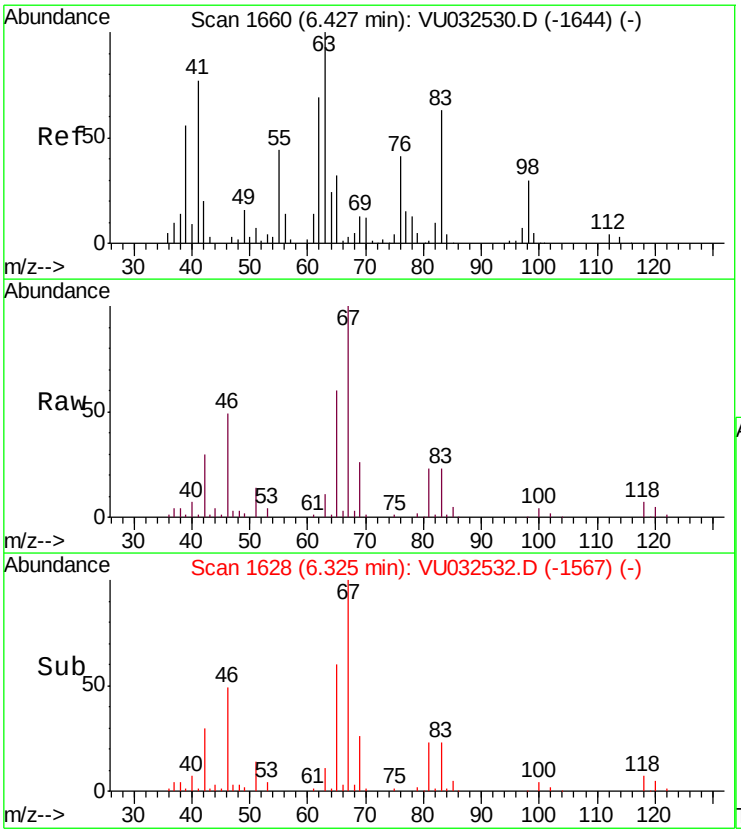
#35
Methylcyclohexane
Concen: 7.387 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 17628

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	1.2	37.4	56.2#

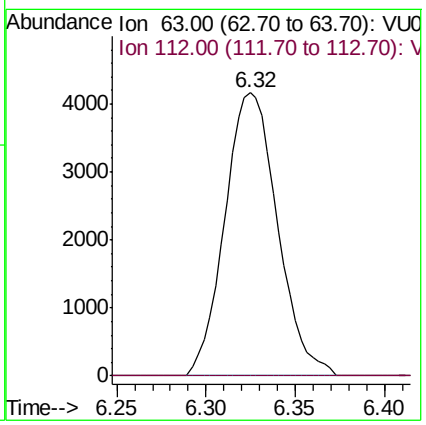


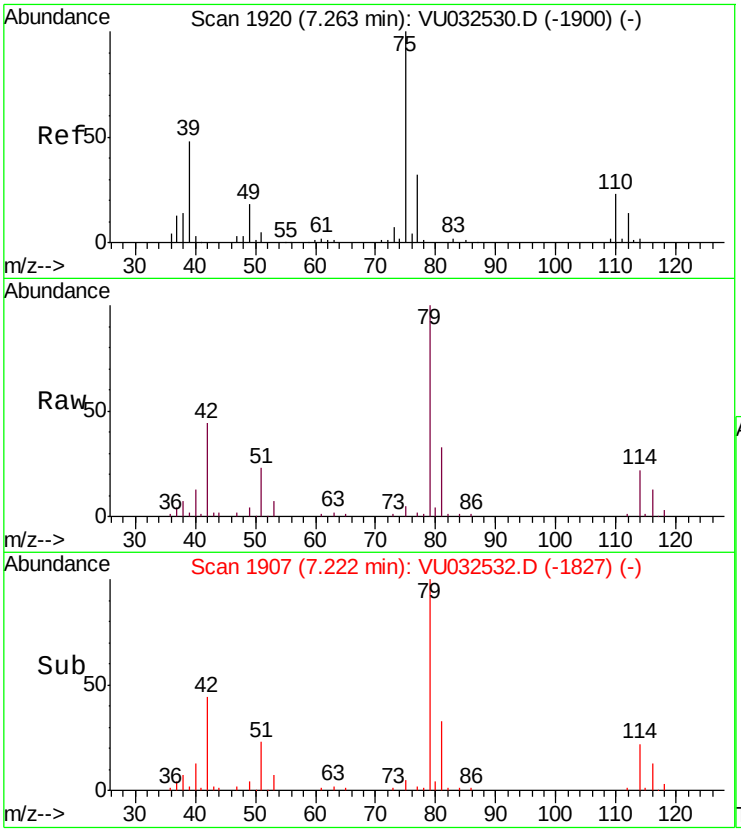


#37
1,2-Dichloropropane
Concen: 5.957 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Tgt Ion: 63 Resp: 8556

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



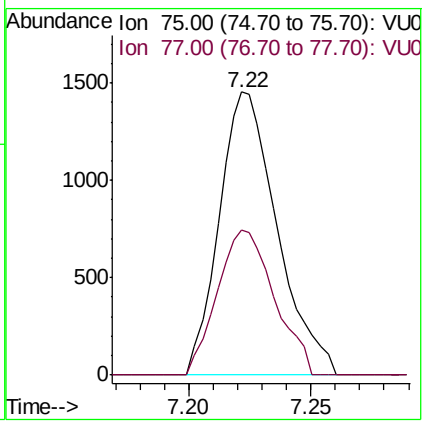


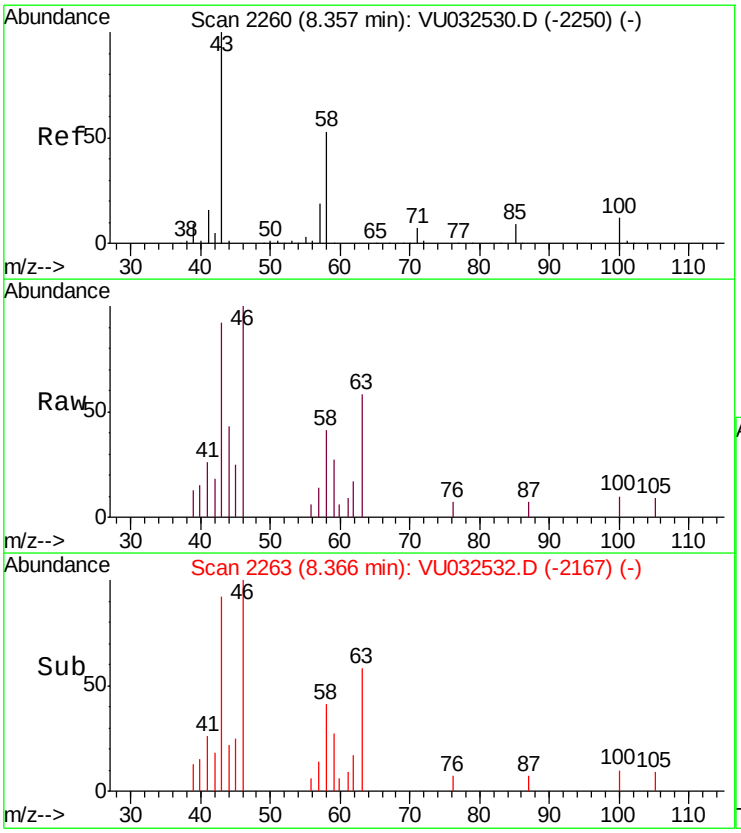
#39
cis-1,3-Dichloropropene
Concen: 1.057 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2395

Ion	Ratio	Lower	Upper
75	100		
77	51.5	22.0	41.0#

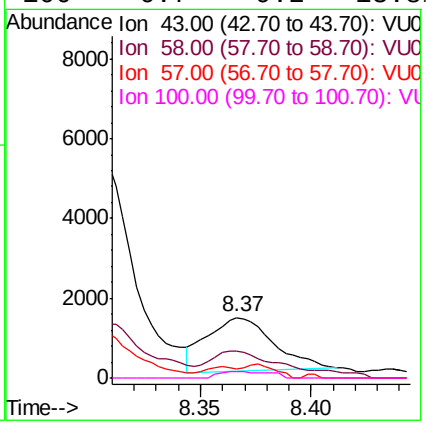


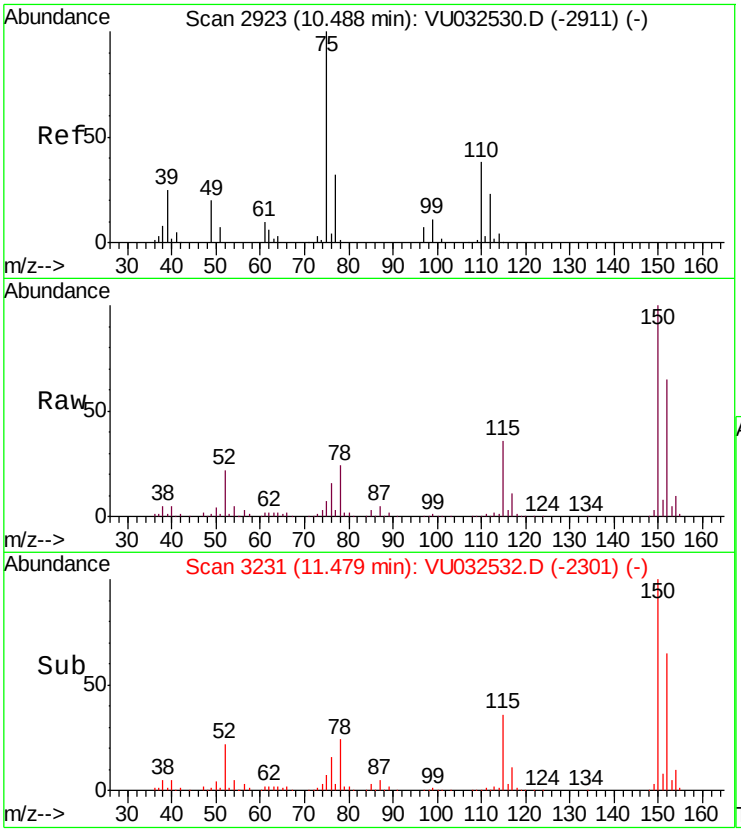


#48
2-Hexanone
Concen: 1.461 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Tgt Ion: 43 Resp: 2773

Ion	Ratio	Lower	Upper
43	100		
58	58.9	42.0	63.0
57	9.8	14.6	22.0#
100	6.7	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.253 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032532.D
Acq: 07 Jun 2019 10:46

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 11674

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.6	38.4