Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032968.D
Acq On : 22 Jun 2019 00:27
Operator : JC/SP
Sample : K3464-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF27

Quant Time: Jun 22 02:53:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188652	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184165	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88473	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	50254	38.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.96%			
7) Chloroethane-d5	1.67	69	45251	44.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.02%			
11) 1,1-Dichloroethene-d2	2.26	63	81587	31.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.82%			
21) 2-Butanone-d5	4.17	46	140244	130.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.69%#			
24) Chloroform-d	4.64	84	119683	47.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.50%			
26) 1,2-Dichloroethane-d4	5.30	65	86702	51.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.86%			
32) Benzene-d6	5.33	84	223665	46.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.18%			
36) 1,2-Dichloropropane-d6	6.32	67	74643	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.62%			
41) Toluene-d8	7.56	98	198014	44.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.08%			
43) trans-1,3-Dichloropropene-	7.84	79	34233	43.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.06%			
47) 2-Hexanone-d5	8.31	63	84816	118.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.77%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121567	51.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	82533	48.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.42%			

Target Compounds						Qvalue
8) Chloroethane	1.56	64	2868	2.908	ug/L #	43
13) Acetone	2.32	43	7286	4.916	ug/L	90
14) Carbon disulfide	2.47	76	3832	1.019	ug/L #	86
35) Methylcyclohexane	6.32	83	17764	8.107	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9100	6.253	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2488	1.097	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1744	0.819	ug/L	90

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

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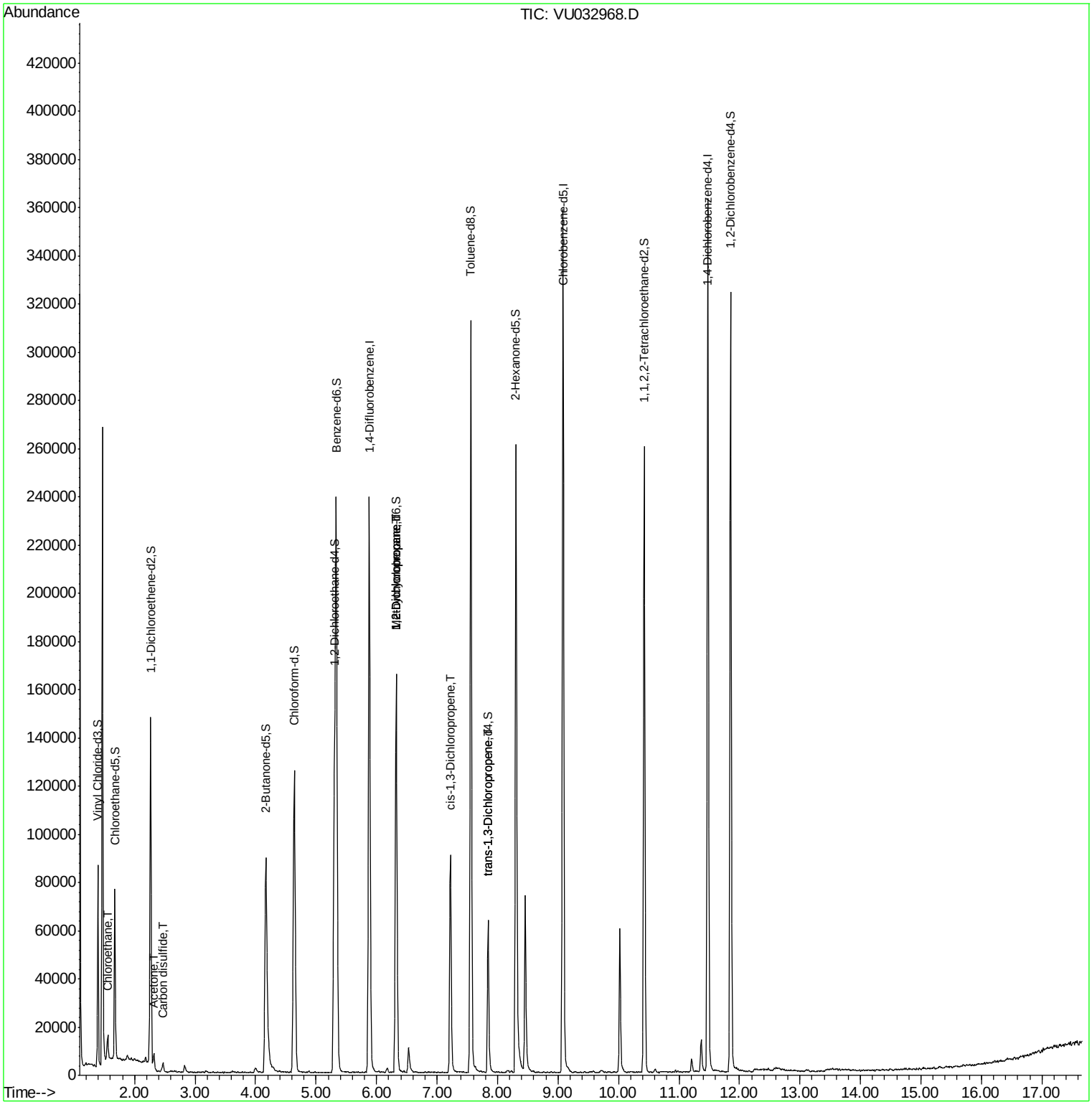
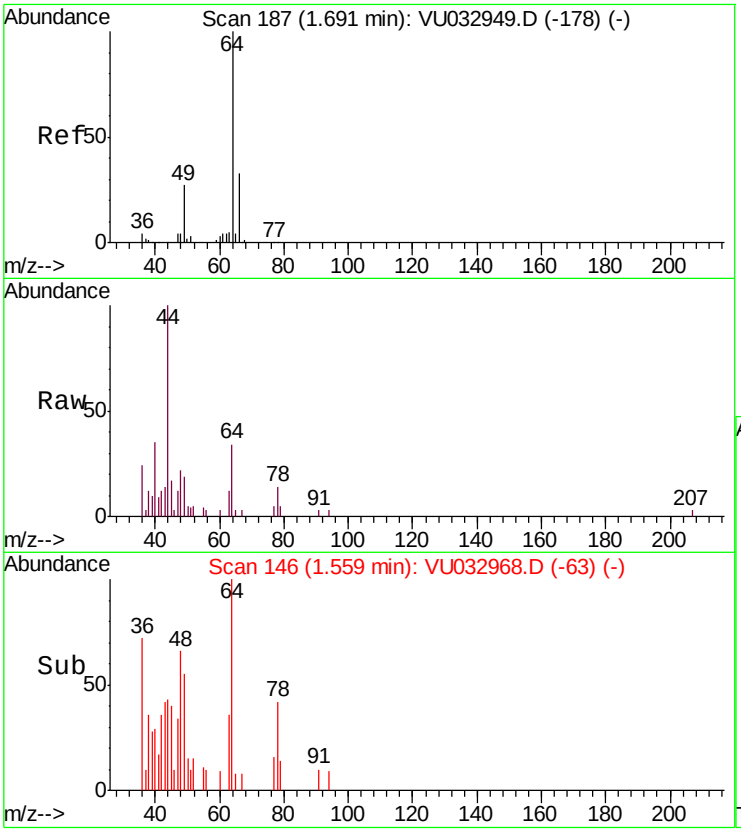


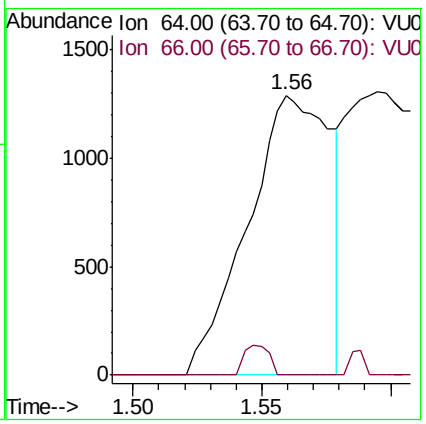


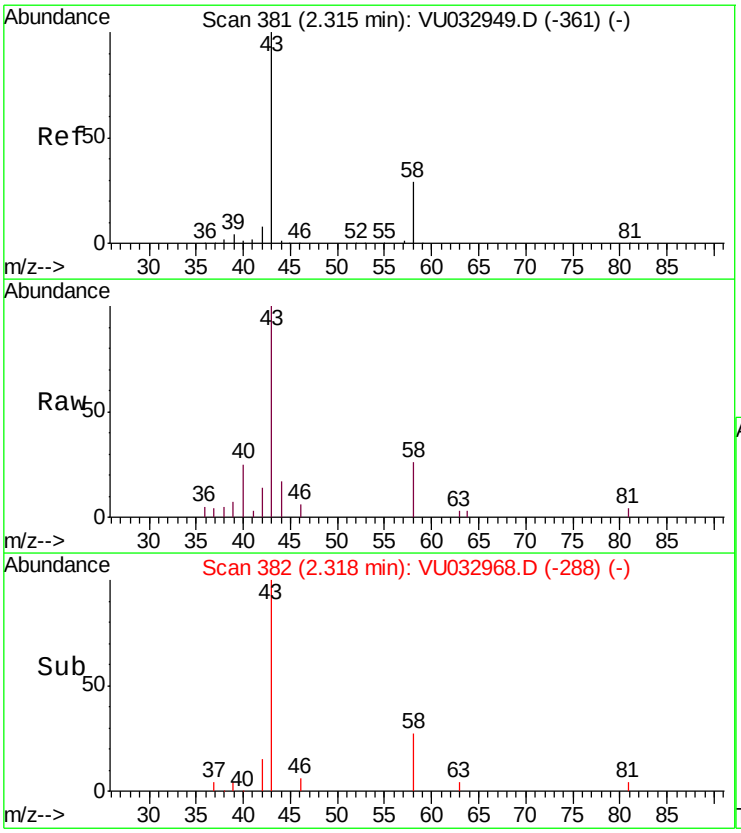
#8
Chloroethane
Concen: 2.908 ug/L
RT: 1.56 min Scan# 146
Delta R.T. -0.13 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
ETF27

Tgt Ion: 64 Resp: 2868

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.7#

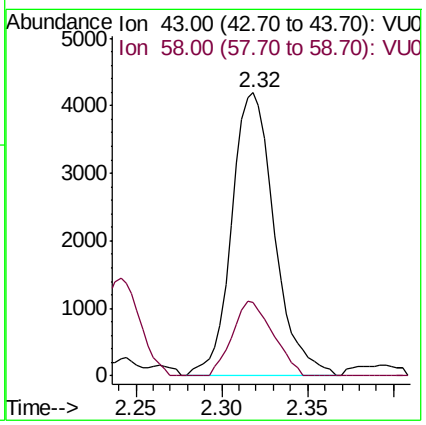


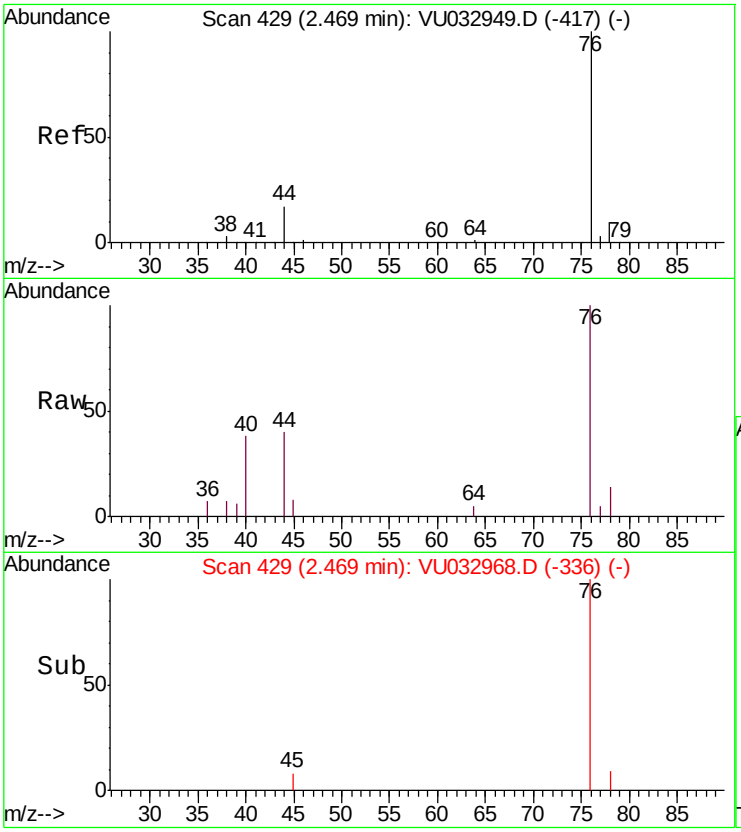


#13
Acetone
Concen: 4.916 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Tgt Ion: 43 Resp: 7286

Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	60.6



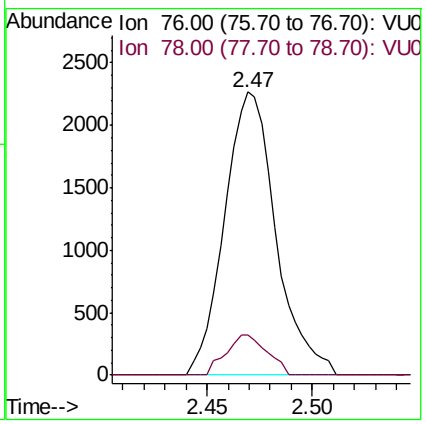


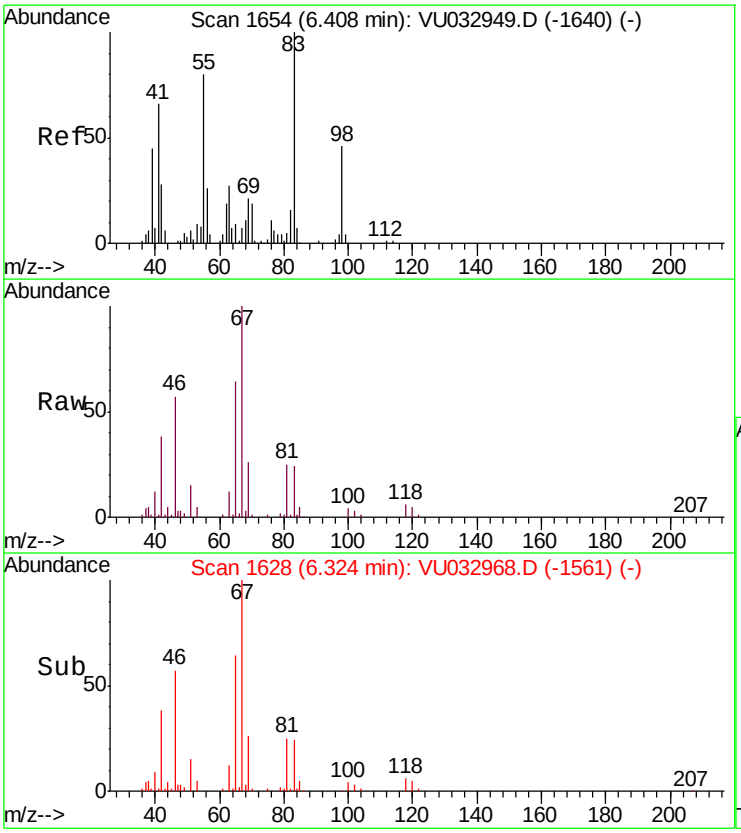
#14
Carbon disulfide
Concen: 1.019 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
ETF27

Tgt Ion: 76 Resp: 3832

Ion	Ratio	Lower	Upper
76	100		
78	14.3	7.3	10.9#

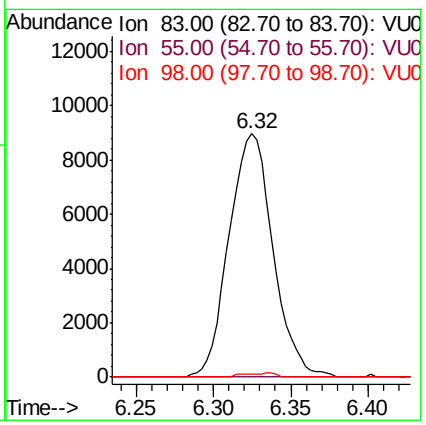


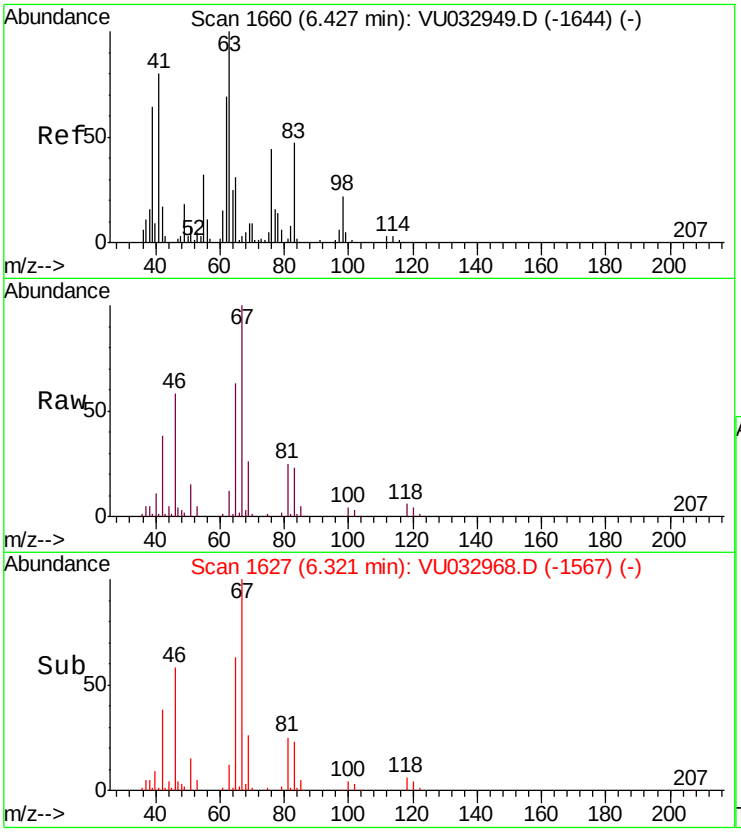


#35
Methylcyclohexane
Concen: 8.107 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Tgt Ion: 83 Resp: 17764

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.4	37.4	56.0#



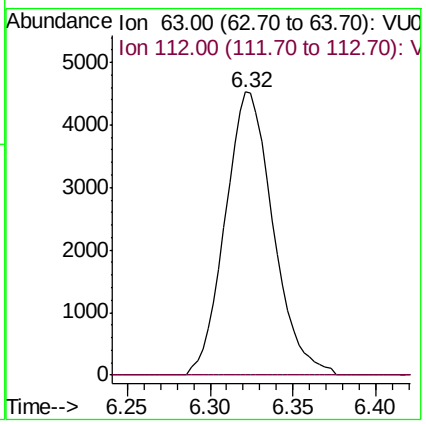


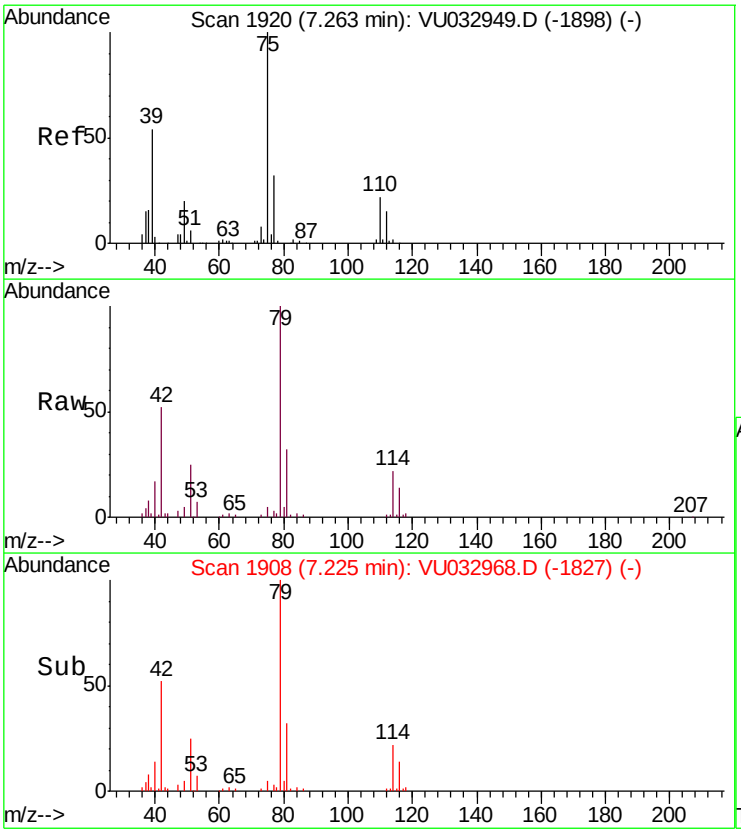
#37
1,2-Dichloropropane
Concen: 6.253 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
ETF27

Tgt Ion: 63 Resp: 9100

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

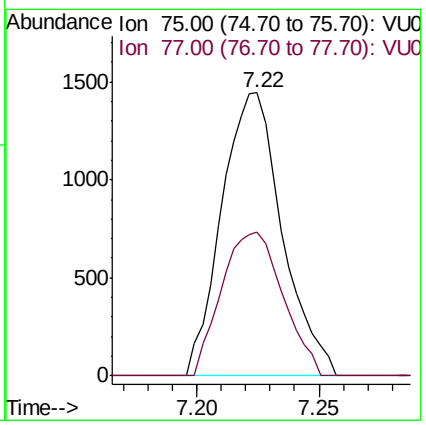


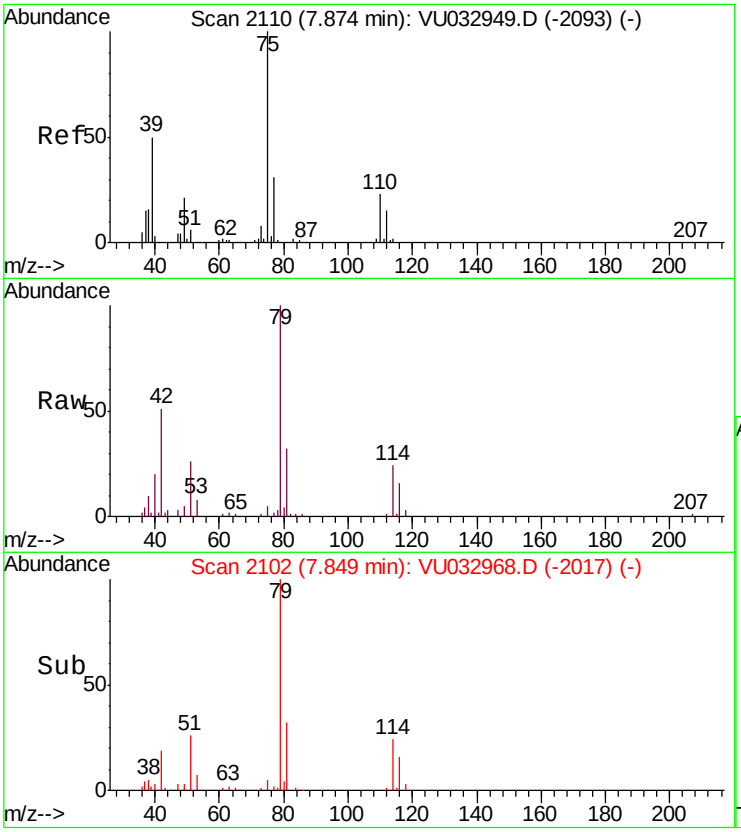


#39
cis-1,3-Dichloropropene
Concen: 1.097 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Tgt Ion: 75 Resp: 2488

Ion	Ratio	Lower	Upper
75	100		
77	50.7	21.9	40.7#





#44
trans-1,3-Dichloropropene
Concen: 0.819 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032968.D
Acq: 22 Jun 2019 00:27

Instrument :
MSVOA_U
ClientSampleId :
ETF27

Tgt Ion: 75 Resp: 1744

Ion	Ratio	Lower	Upper
75	100		
77	36.7	21.8	40.4