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

Quantitation Report (Not Reviewed)

Data File : VU032979.D
Acq On : 22 Jun 2019 05:26
Operator : JC/SP
Sample : K3478-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF11

Quant Time: Jun 24 02:04:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	52124	39.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.92%			
7) Chloroethane-d5	1.68	69	46061	43.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.46%			
11) 1,1-Dichloroethene-d2	2.26	63	87635	32.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.88%			
21) 2-Butanone-d5	4.17	46	120153	109.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.30%			
24) Chloroform-d	4.64	84	120943	47.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.30	65	86114	50.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.70%			
32) Benzene-d6	5.33	84	226940	45.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.42%			
36) 1,2-Dichloropropane-d6	6.32	67	76358	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.56%			
41) Toluene-d8	7.56	98	204679	44.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.04%			
43) trans-1,3-Dichloropropene-	7.85	79	34273	41.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.32%			
47) 2-Hexanone-d5	8.31	63	72099	97.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.63%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115939	47.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	85102	48.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.58%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	937	0.928	ug/L #	1
13) Acetone	2.32	43	5572	3.670	ug/L	92
35) Methylcyclohexane	6.32	83	18052	7.967	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	9195	6.110	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2452	1.046	ug/L #	66
40) 4-Methyl-2-pentanone	7.46	43	1190	0.495	ug/L #	81
48) 2-Hexanone	8.36	43	3454	1.629	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	12076	6.013	ug/L #	85

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

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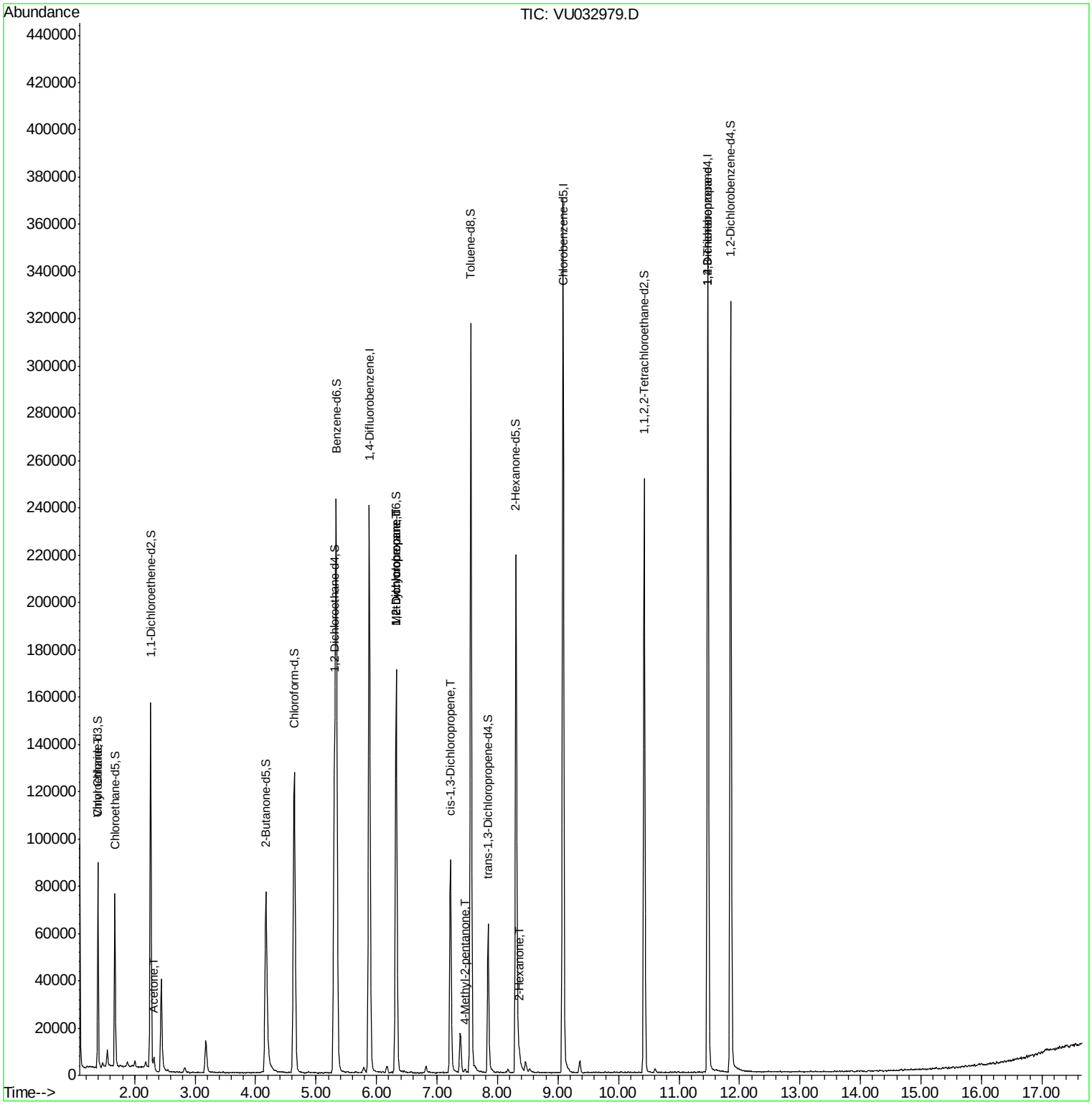
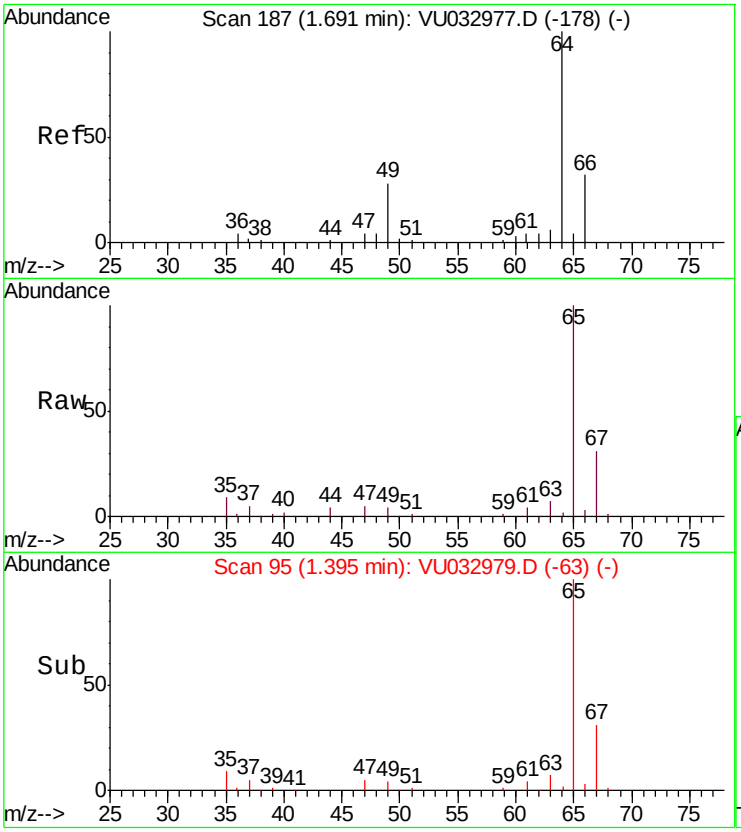
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF11

Quant Time: Jun 24 02:04:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



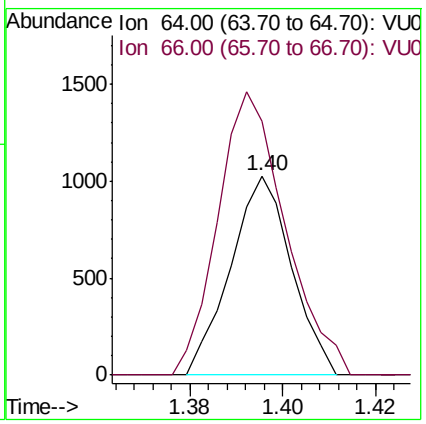


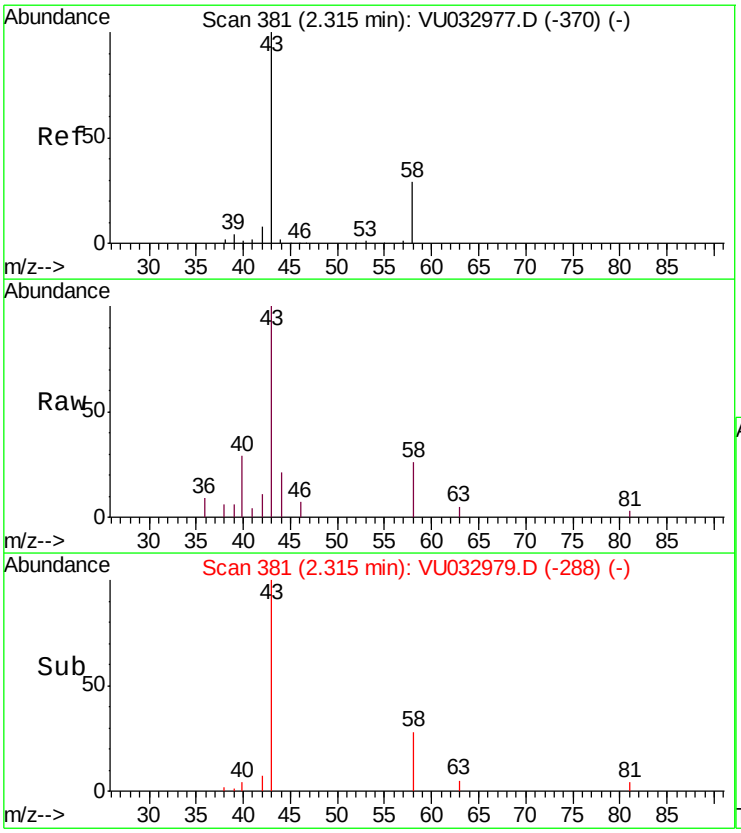
#8
Chloroethane
Concen: 0.928 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Instrument : MSVOA_U
ClientSampleId : ETF11

Tgt Ion: 64 Resp: 937

Ion	Ratio	Lower	Upper
64	100		
66	127.5	22.5	41.7#

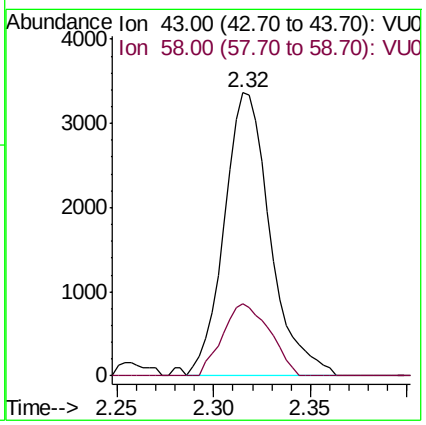


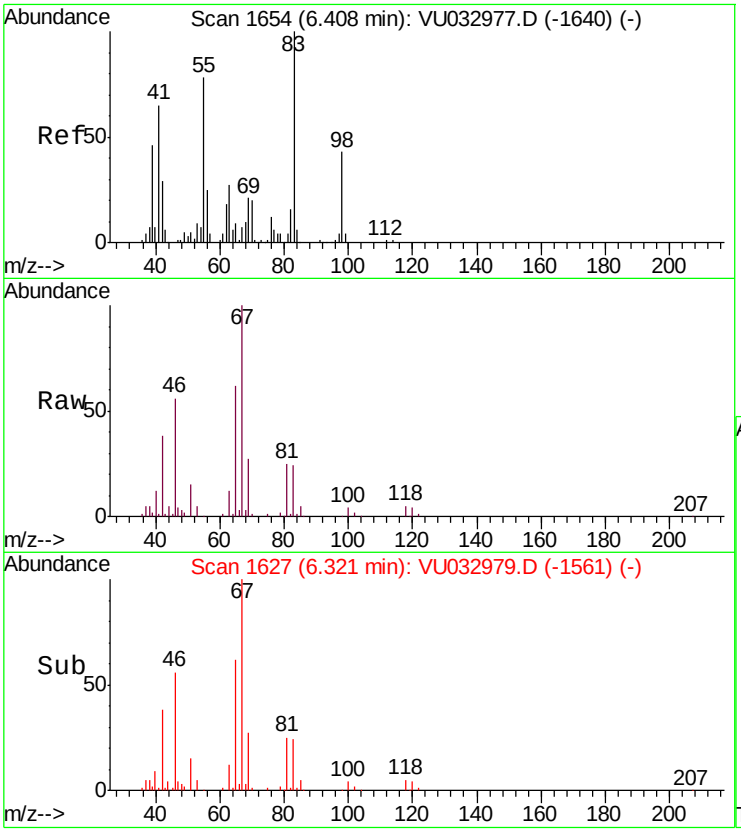


#13
Acetone
Concen: 3.670 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Tgt Ion: 43 Resp: 5572

Ion	Ratio	Lower	Upper
43	100		
58	26.1	0.0	60.6



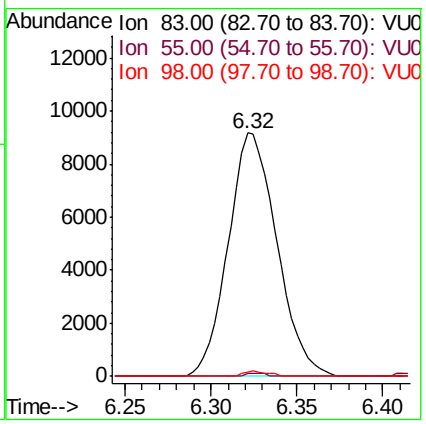


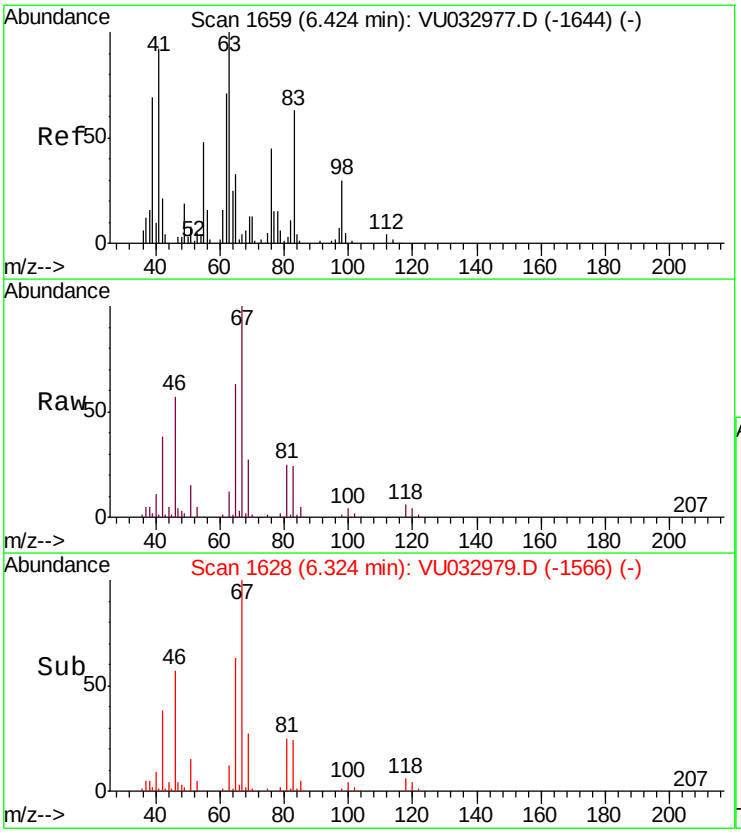
#35
Methylcyclohexane
Concen: 7.967 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Instrument : MSVOA_U
ClientSampleId : ETF11

Tgt Ion: 83 Resp: 18052

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	1.1	37.4	56.0#

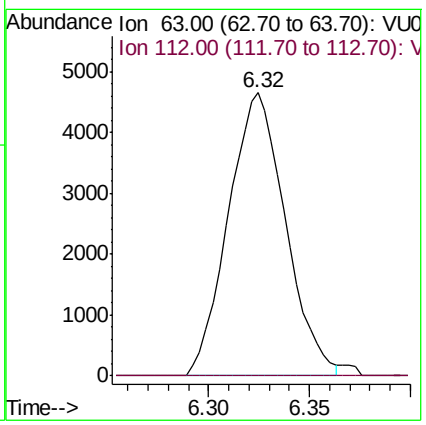


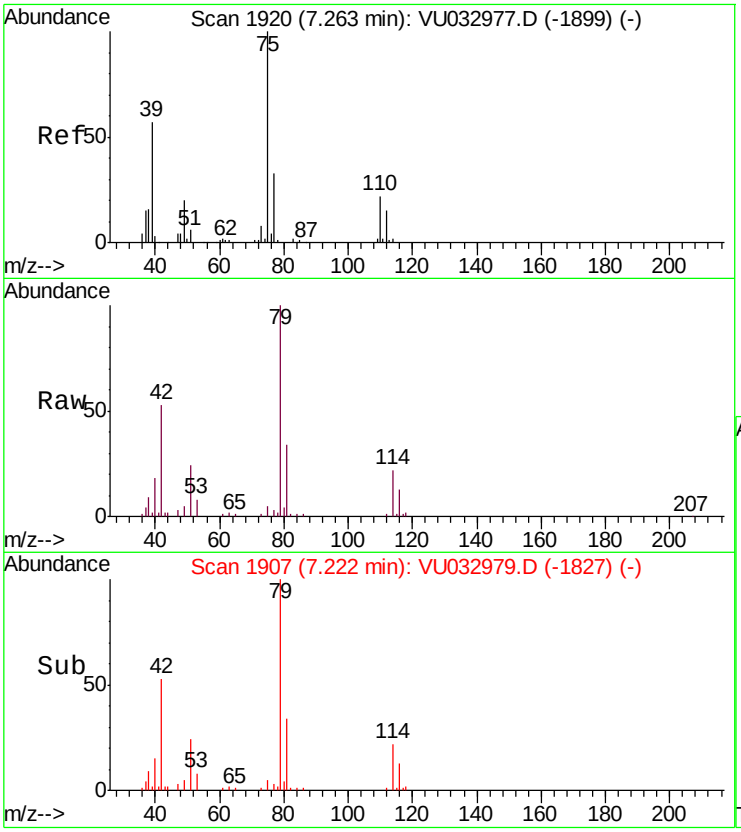


#37
1,2-Dichloropropane
Concen: 6.110 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Tgt Ion: 63 Resp: 9195

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



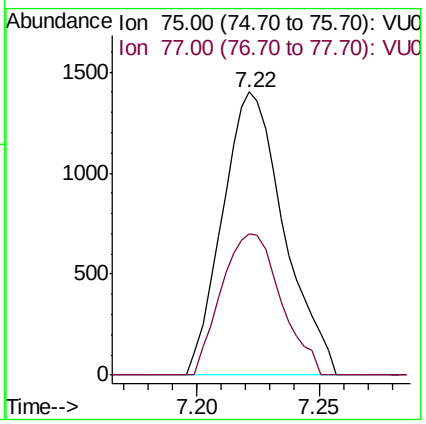


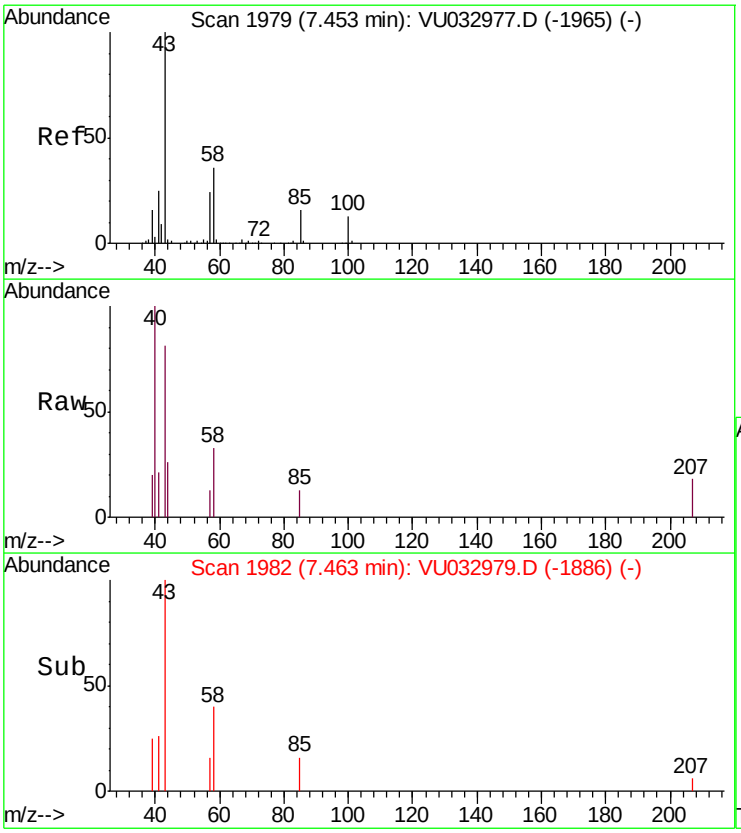
#39
cis-1,3-Dichloropropene
Concen: 1.046 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Instrument :
MSVOA_U
ClientSampleId :
ETF11

Tgt Ion: 75 Resp: 2452

Ion	Ratio	Lower	Upper
75	100		
77	49.8	21.9	40.7#

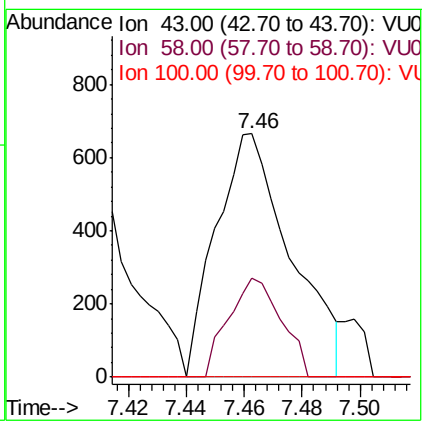


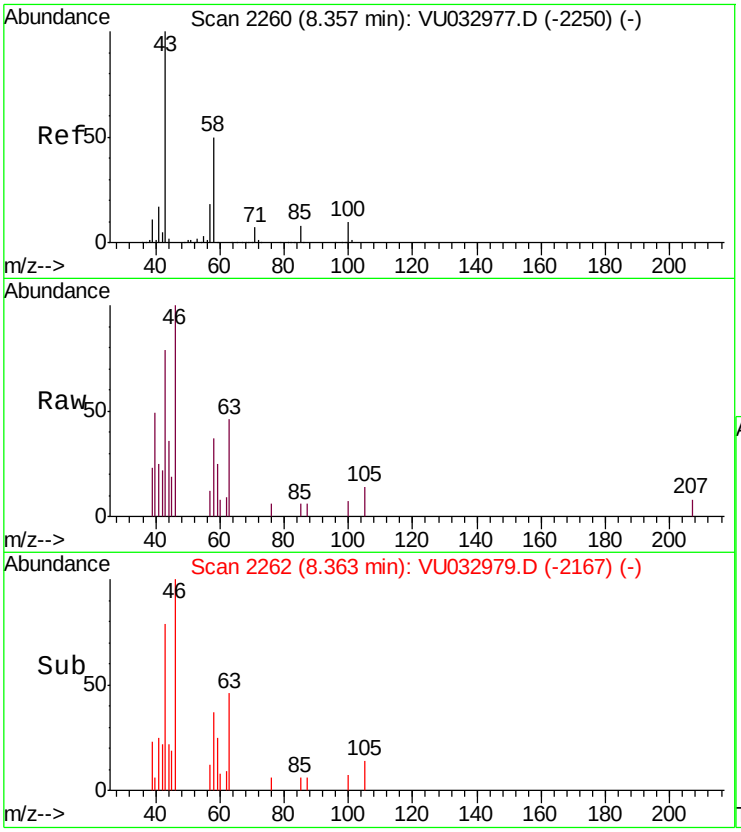


#40
4-Methyl-2-pentanone
Concen: 0.495 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Tgt Ion: 43 Resp: 1190

Ion	Ratio	Lower	Upper
43	100		
58	28.7	29.4	44.2#
100	0.0	11.2	16.8#



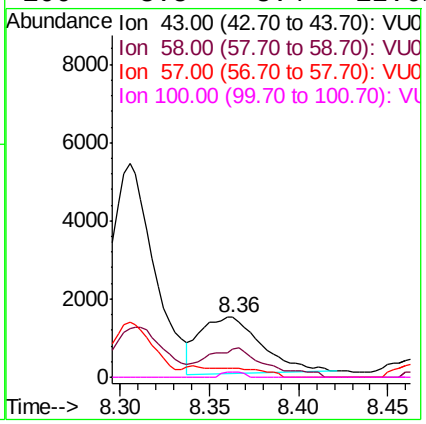


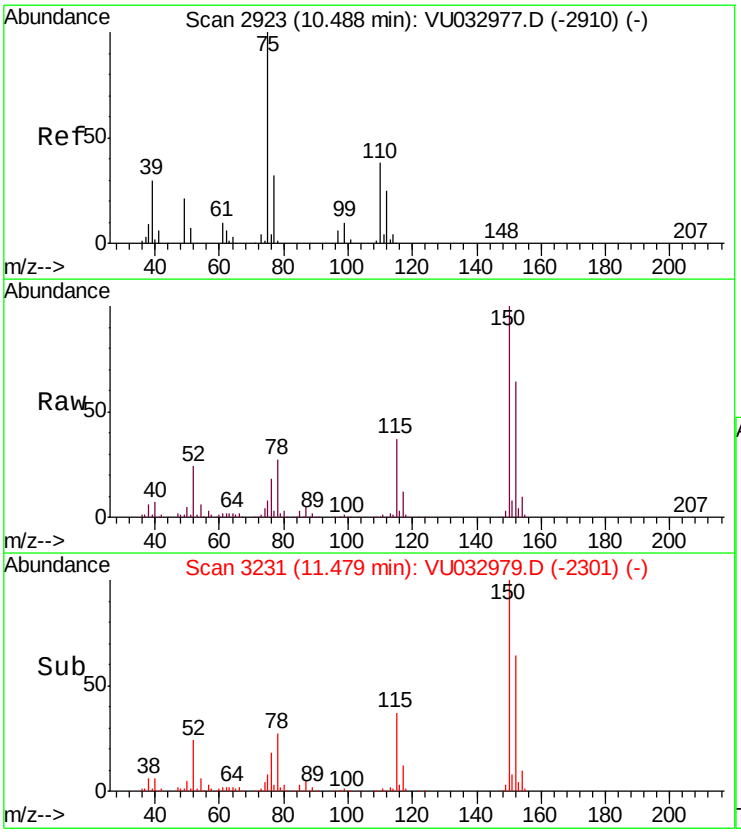
#48
2-Hexanone
Concen: 1.629 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Instrument : MSVOA_U
ClientSampleId : ETF11

Tgt Ion: 43 Resp: 3454

Ion	Ratio	Lower	Upper
43	100		
58	33.0	40.2	60.2#
57	1.8	14.2	21.4#
100	3.5	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 6.013 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032979.D
Acq: 22 Jun 2019 05:26

Tgt Ion: 75 Resp: 12076

Ion	Ratio	Lower	Upper
75	100		
77	40.2	25.5	38.3#