Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\

Quantitation Report (Not Reviewed)

Data File : VU032627.D
Acq On : 11 Jun 2019 21:56
Operator : JC/SP
Sample : K3293-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8Q9

Quant Time: Jun 12 07:33:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	172386	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	159724	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80315	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	40364	36.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.18%			
7) Chloroethane-d5	1.68	69	36598	40.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.44%			
11) 1,1-Dichloroethene-d2	2.27	63	64970	29.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.34%#			
21) 2-Butanone-d5	4.17	46	92098	98.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.40%			
24) Chloroform-d	4.64	84	93441	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.30	65	63290	48.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.32%			
32) Benzene-d6	5.33	84	184045	44.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.76%			
36) 1,2-Dichloropropane-d6	6.32	67	60970	46.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.78%			
41) Toluene-d8	7.56	98	166356	42.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.62%			
43) trans-1,3-Dichloropropene-	7.85	79	26552	42.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.34%			
47) 2-Hexanone-d5	8.31	63	51078	80.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.99%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90868	48.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.46%			
64) 1,2-Dichlorobenzene-d4	11.85	152	73010	47.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.92%			
Target Compounds						Qvalue
13) Acetone	2.32	43	4520	4.680	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	660	0.526	ug/L	94
27) 1,2-Dichloroethane	5.33	62	916	0.556	ug/L #	75
34) Trichloroethene	6.18	95	287797	235.716	ug/L	99
37) 1,2-Dichloropropane	6.32	63	6934	5.829	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2015	1.074	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1234	0.741	ug/L #	79
46) Tetrachloroethene	8.22	164	456	0.452	ug/L	80
48) 2-Hexanone	8.36	43	4303	2.737	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	9499	6.142	ug/L	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\

Quantitation Report (Not Reviewed)

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Acq On : 11 Jun 2019 21:56
Operator : JC/SP
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ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
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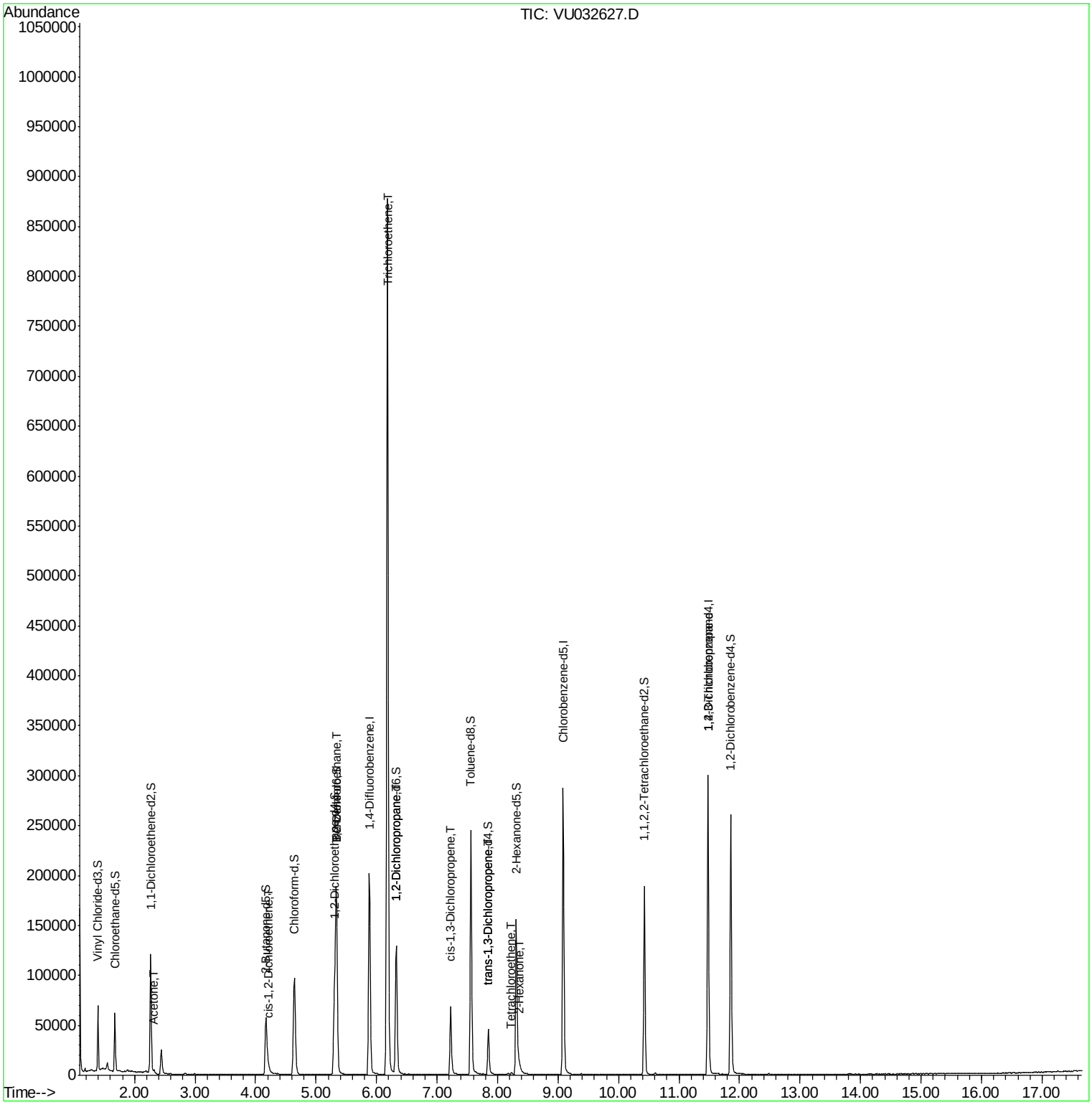
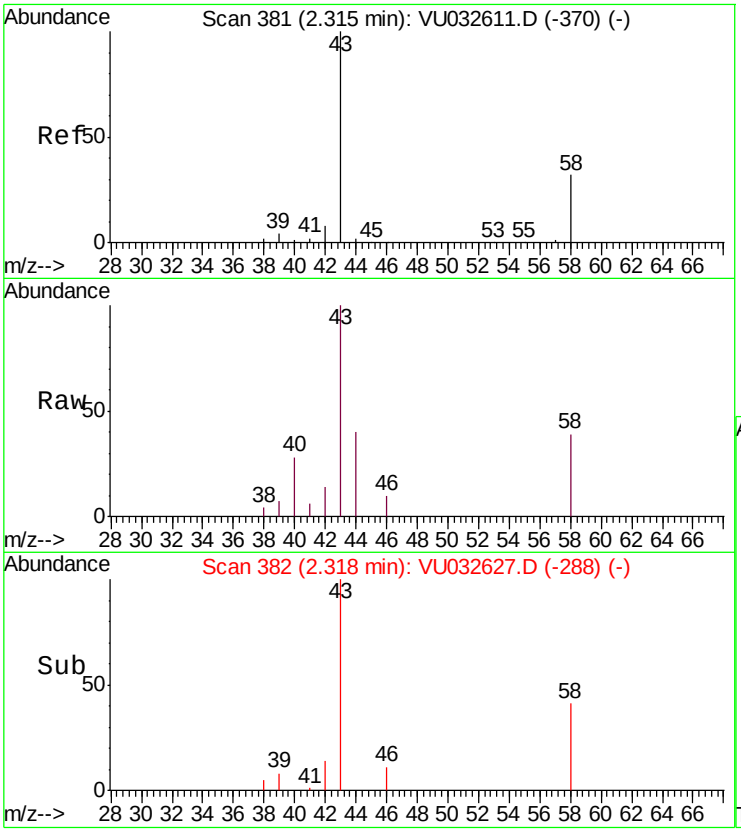
Quant Time: Jun 12 07:33:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration



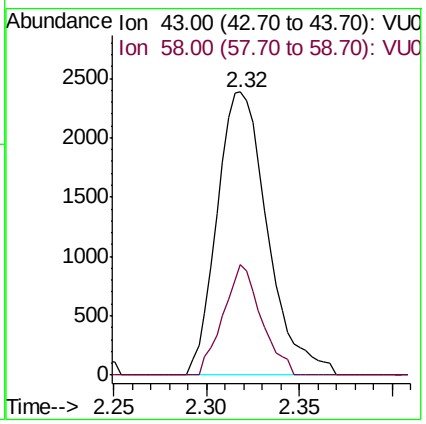


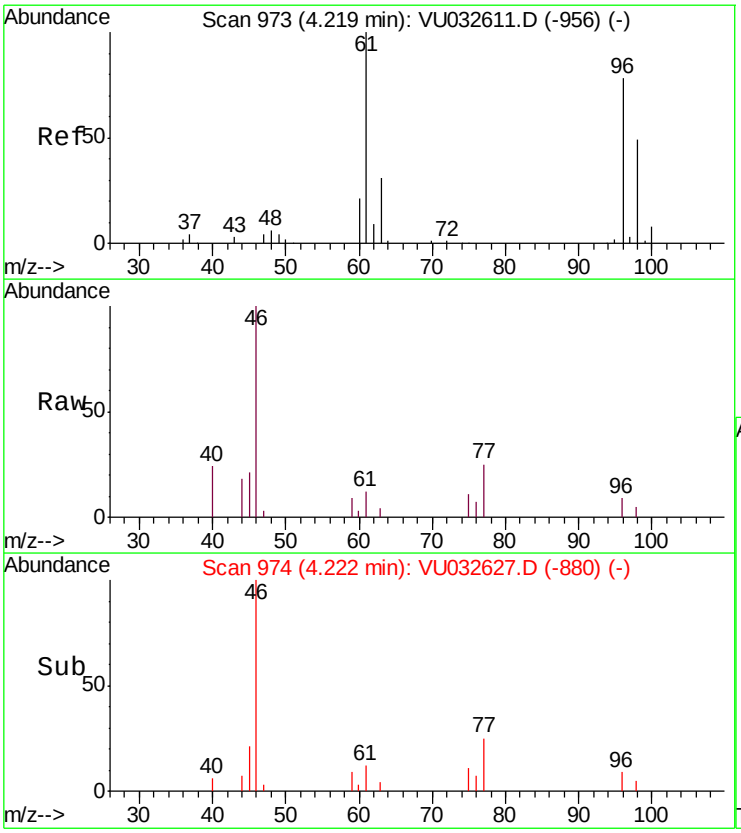
#13
Acetone
Concen: 4.680 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Instrument : MSVOA_U
ClientSampleId : DB8Q9

Tgt Ion: 43 Resp: 4520

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	64.0

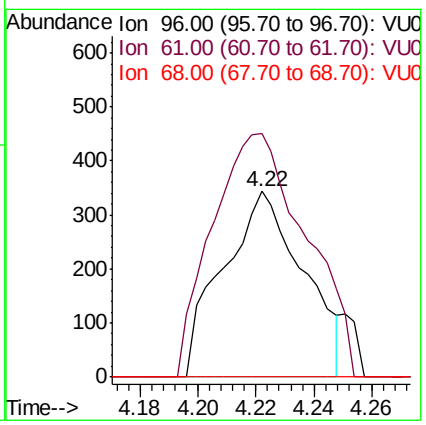


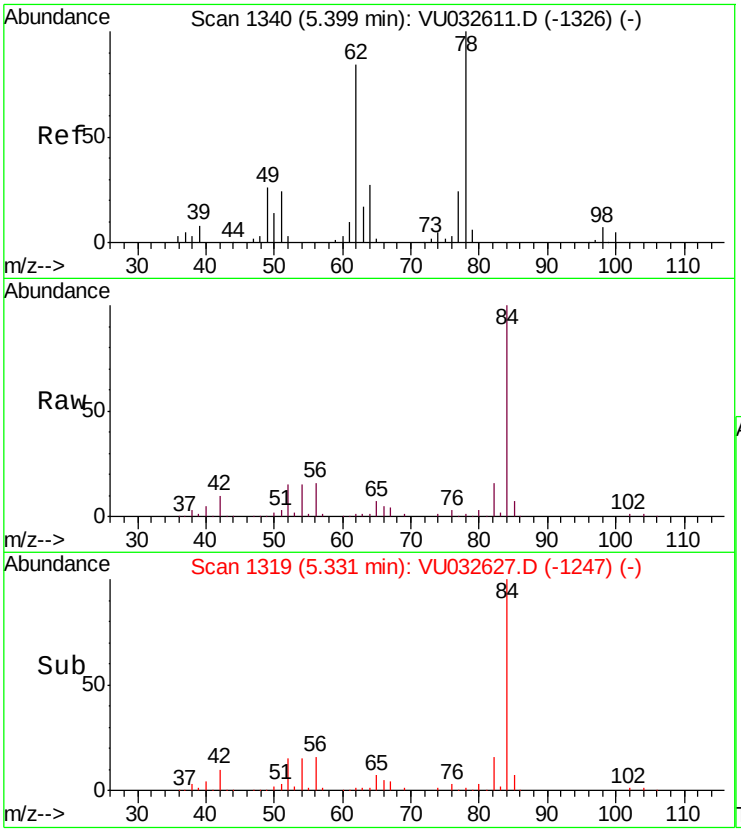


#20
cis-1,2-Dichloroethene
Concen: 0.526 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Tgt Ion: 96 Resp: 660

Ion	Ratio	Lower	Upper
96	100		
61	131.1	87.2	162.0
68	0.0	0.0	0.0



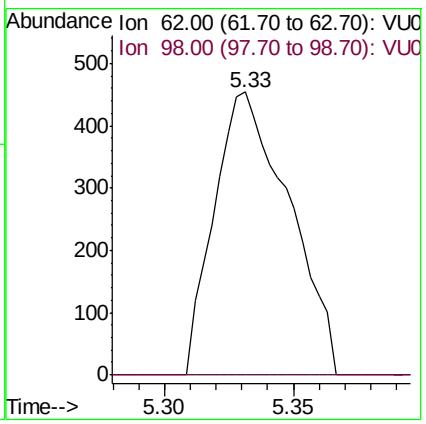


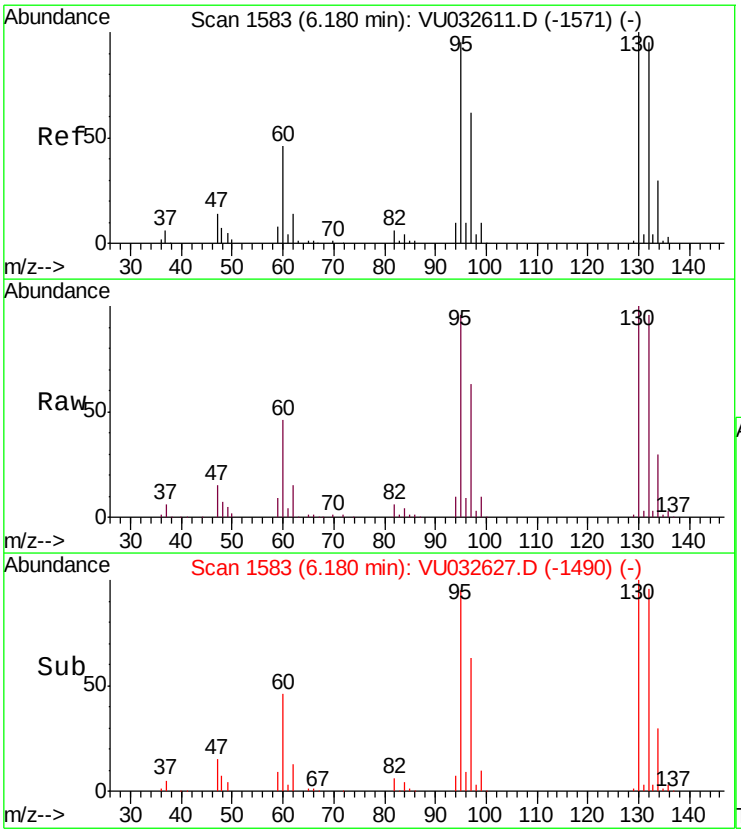
#27
1,2-Dichloroethane
Concen: 0.556 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Instrument : MSVOA_U
ClientSampleId : DB8Q9

Tgt Ion: 62 Resp: 916

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

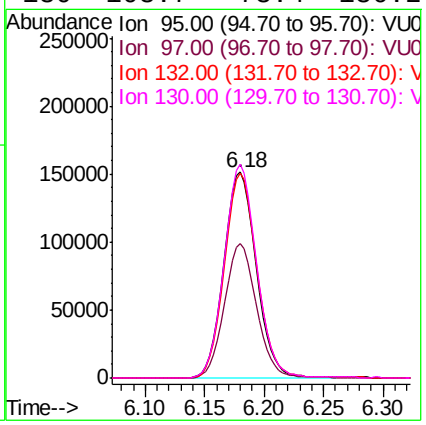


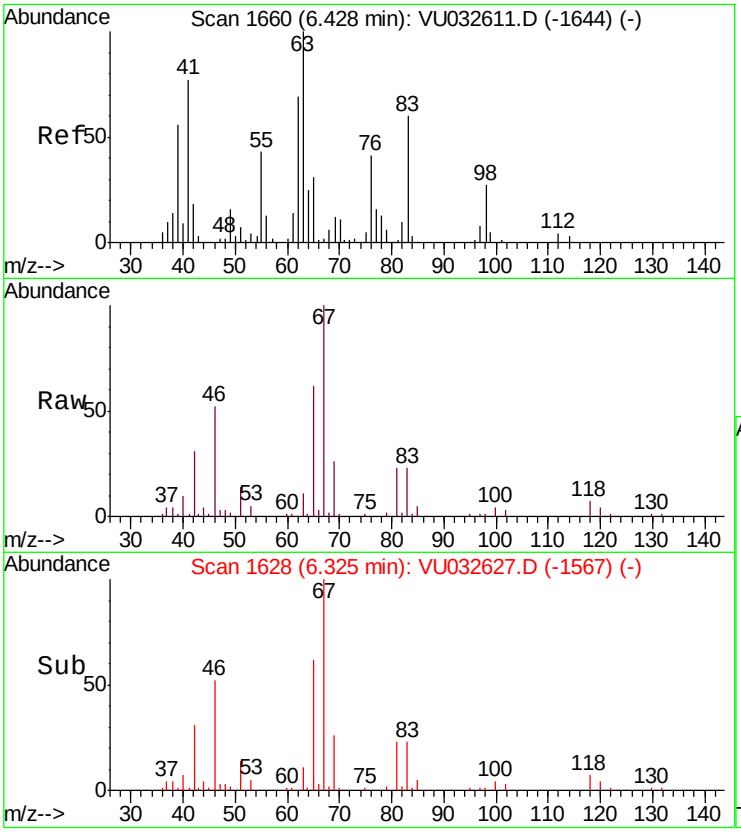


#34
Trichloroethene
Concen: 235.716 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Tgt Ion: 95 Resp: 287797

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	99.6	71.0	131.8
130	103.7	73.4	136.2



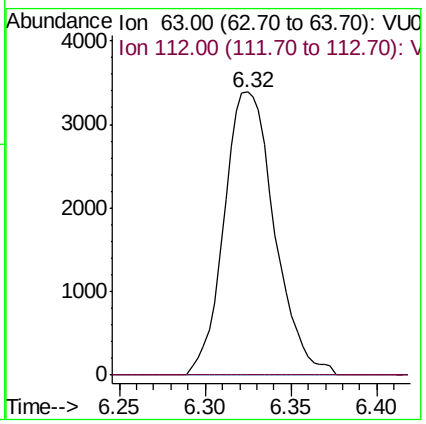


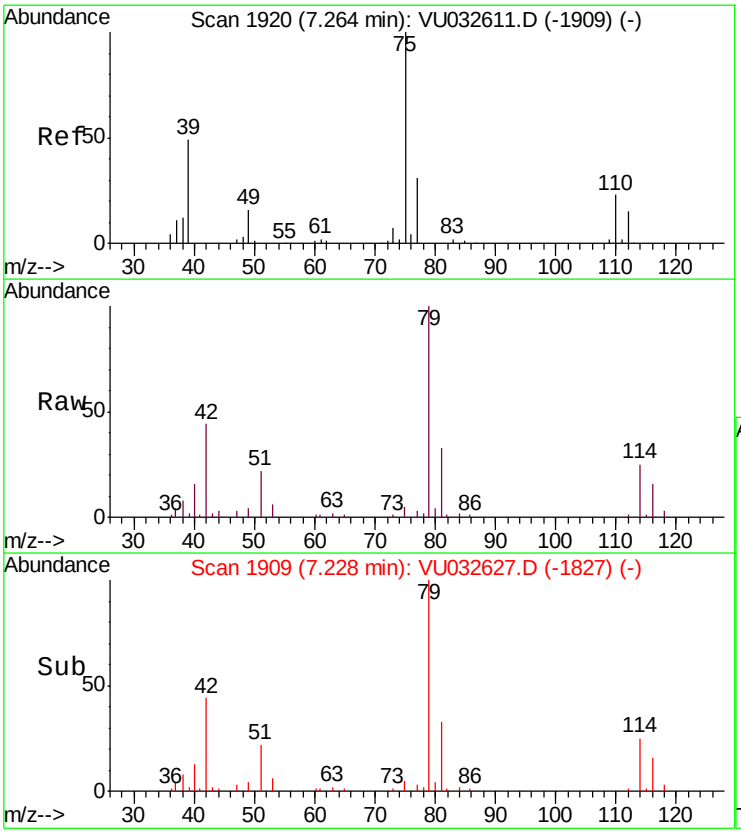
#37
1,2-Dichloropropane
Concen: 5.829 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Instrument : MSVOA_U
ClientSampleId : DB8Q9

Tgt Ion: 63 Resp: 6934

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

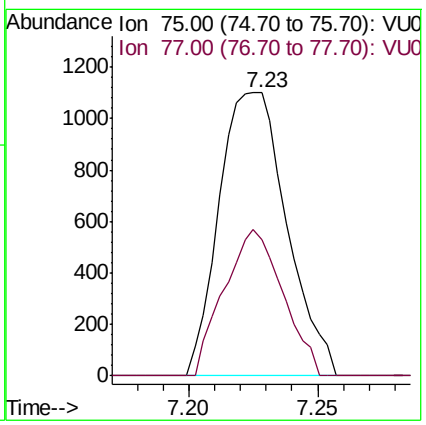


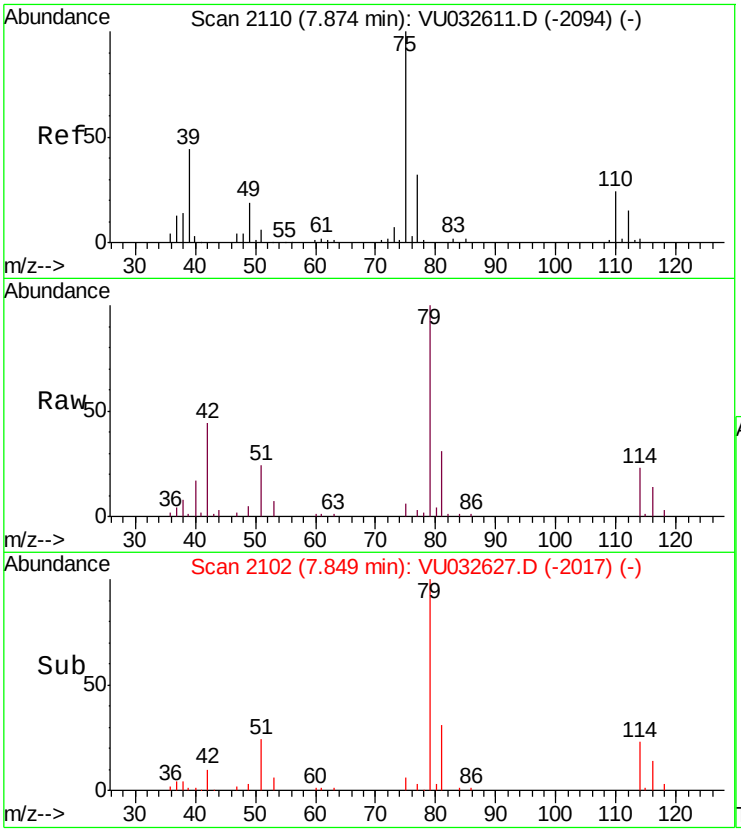


#39
cis-1,3-Dichloropropene
Concen: 1.074 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Tgt Ion: 75 Resp: 2015

Ion	Ratio	Lower	Upper
75	100		
77	48.3	22.0	41.0#



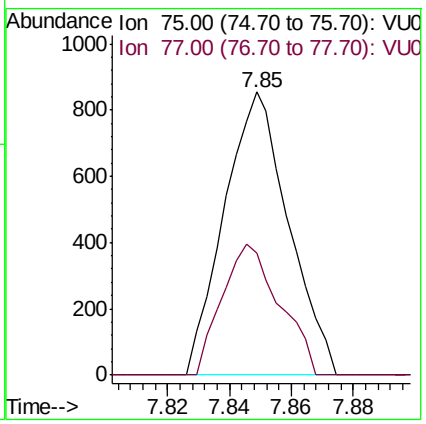


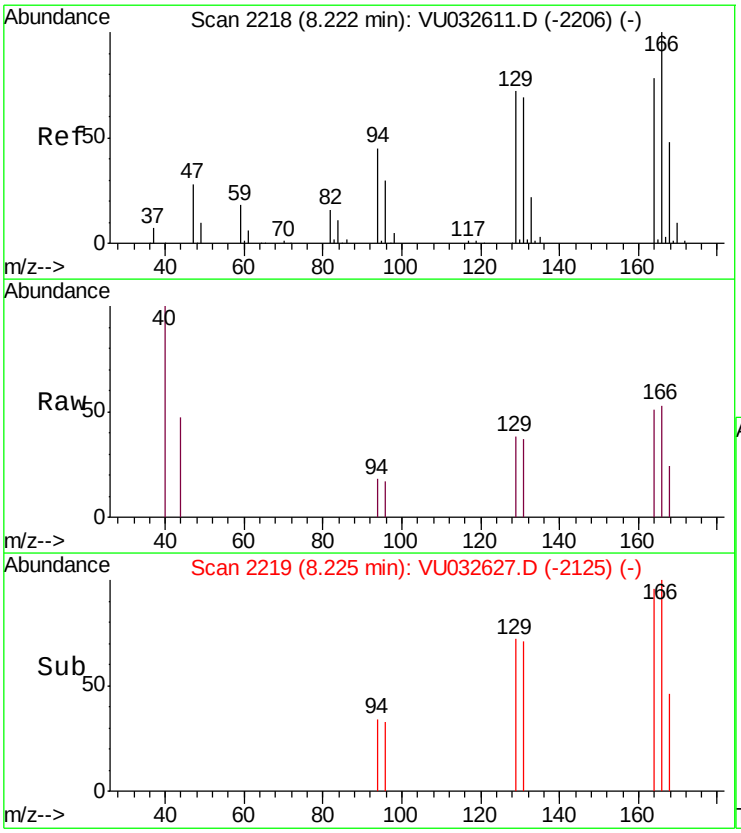
#44
trans-1,3-Dichloropropene
Concen: 0.741 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Instrument : MSVOA_U
ClientSampleId : DB8Q9

Tgt Ion: 75 Resp: 1234

Ion	Ratio	Lower	Upper
75	100		
77	43.0	22.1	41.1#

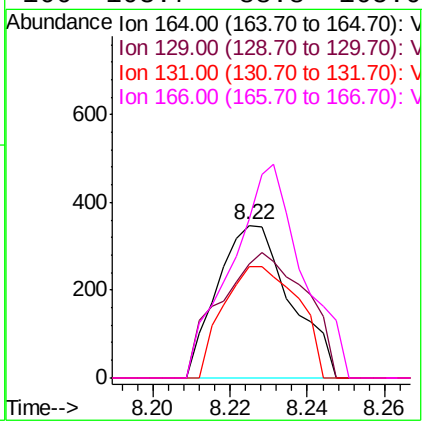


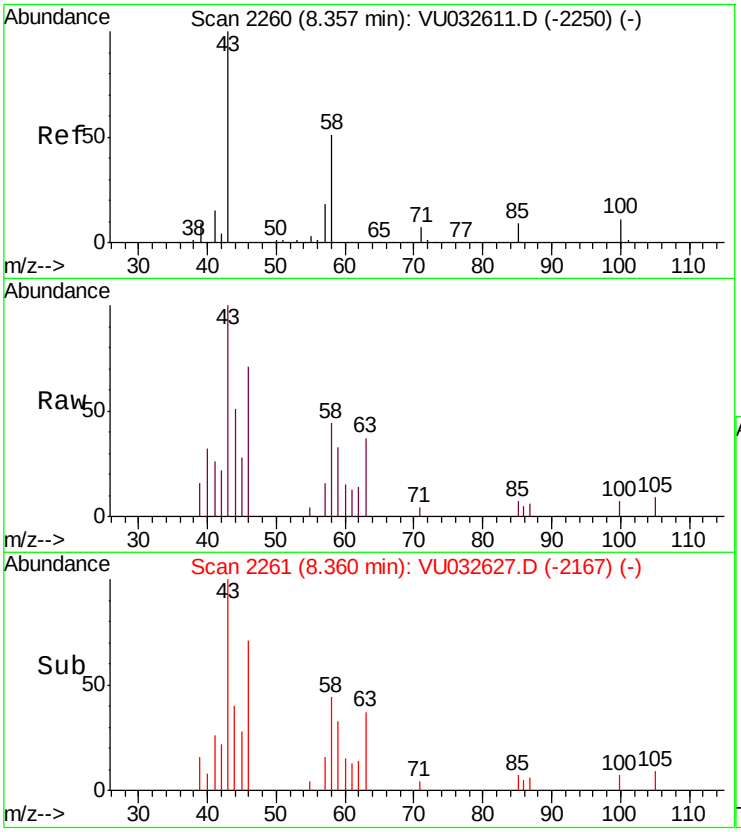


#46
Tetrachloroethene
Concen: 0.452 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Tgt Ion:164 Resp: 456

Ion	Ratio	Lower	Upper
164	100		
129	74.4	65.3	121.3
131	73.3	64.0	119.0
166	103.7	88.8	165.0



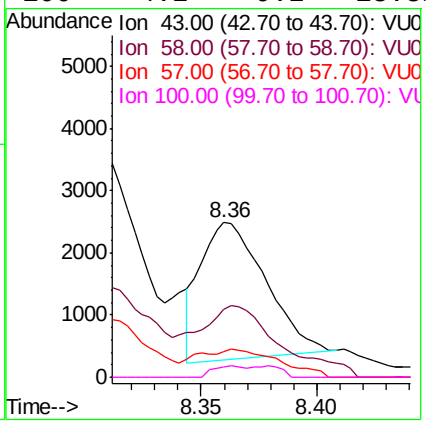


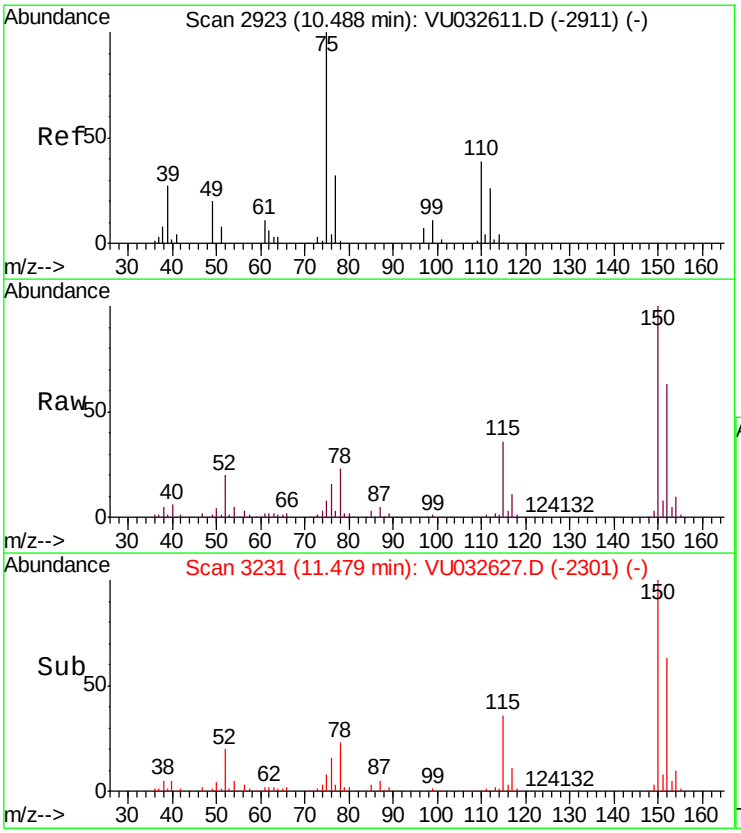
#48
2-Hexanone
Concen: 2.737 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Instrument : MSVOA_U
ClientSampleId : DB8Q9

Tgt Ion: 43 Resp: 4303

Ion	Ratio	Lower	Upper
43	100		
58	54.8	42.0	63.0
57	17.7	14.6	22.0
100	4.2	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.142 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032627.D
Acq: 11 Jun 2019 21:56

Tgt Ion: 75 Resp: 9499

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.6	38.4