Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035284.D
Acq On : 18 Oct 2019 22:17
Operator : JC/SP
Sample : K5419-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:43:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	320476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	112355	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	110722	5.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.40%			
7) Chloroethane-d5	1.93	69	93921	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.60	63	147692	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.80%			
20) 2-Butanone-d5	4.71	46	281026	50.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.08%			
24) Chloroform-d	5.11	84	195747	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.60%			
26) 1,2-Dichloroethane-d4	5.75	65	110207	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.40%			
32) Benzene-d6	5.77	84	394341	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
36) 1,2-Dichloropropane-d6	6.74	67	124526	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.93	98	365054	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	8.22	79	54135	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.69	63	230924	47.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.18%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104991	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.23	152	110749	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	770918	27.744	ug/L	99
12) 1,1-Dichloroethene	2.61	96	7147	0.347	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	47731	2.148	ug/L	95
19) 1,1-Dichloroethane	3.92	63	3355	0.083	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	405436	16.509	ug/L	99
34) Trichloroethene	6.58	95	16919	0.678	ug/L	94
37) 1,2-Dichloropropane	6.73	63	14902	0.632	ug/L #	97
39) cis-1,3-Dichloropropene	7.60	75	3269	0.083	ug/L #	53
48) 2-Hexanone	8.69	43	20048	1.797	ug/L #	58
59) 1,2,3-Trichloropropane	11.85	75	13399	0.816	ug/L #	88

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

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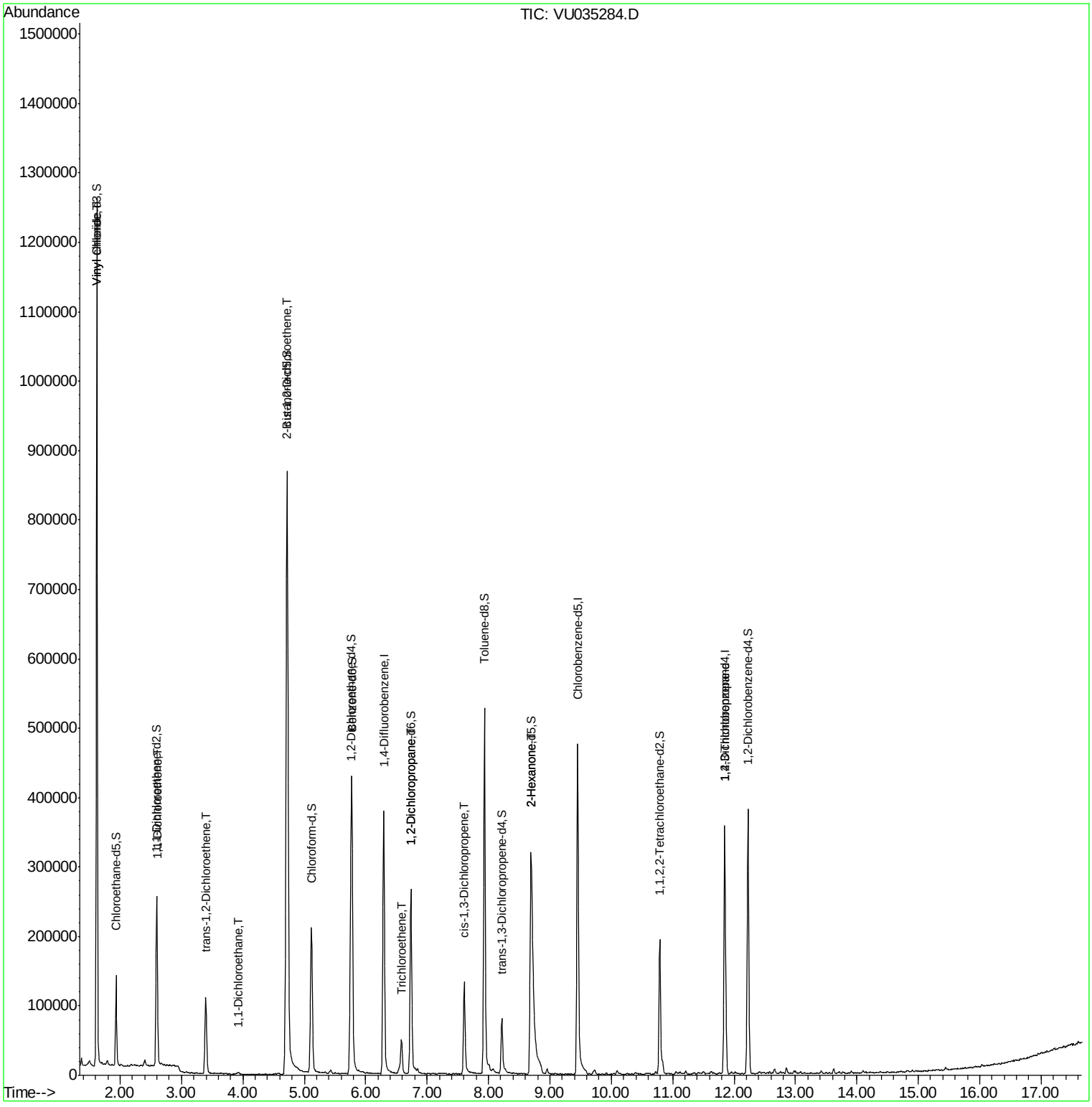
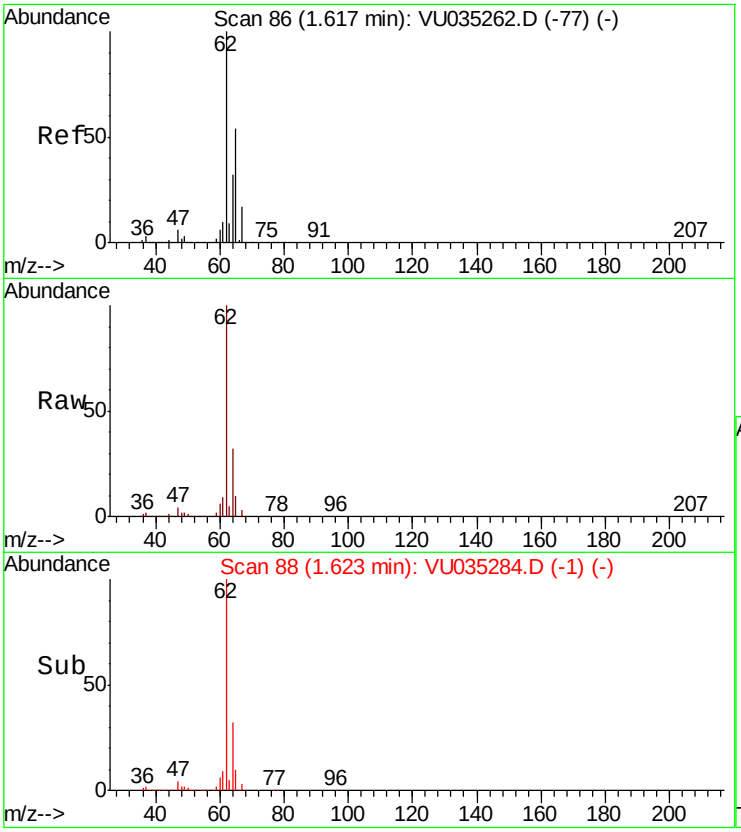
ClientSampleId :

Quant Time: Oct 19 03:43:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration



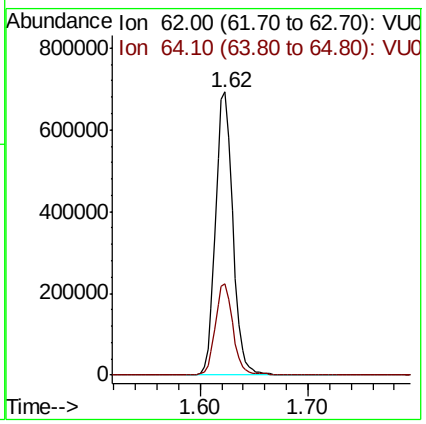


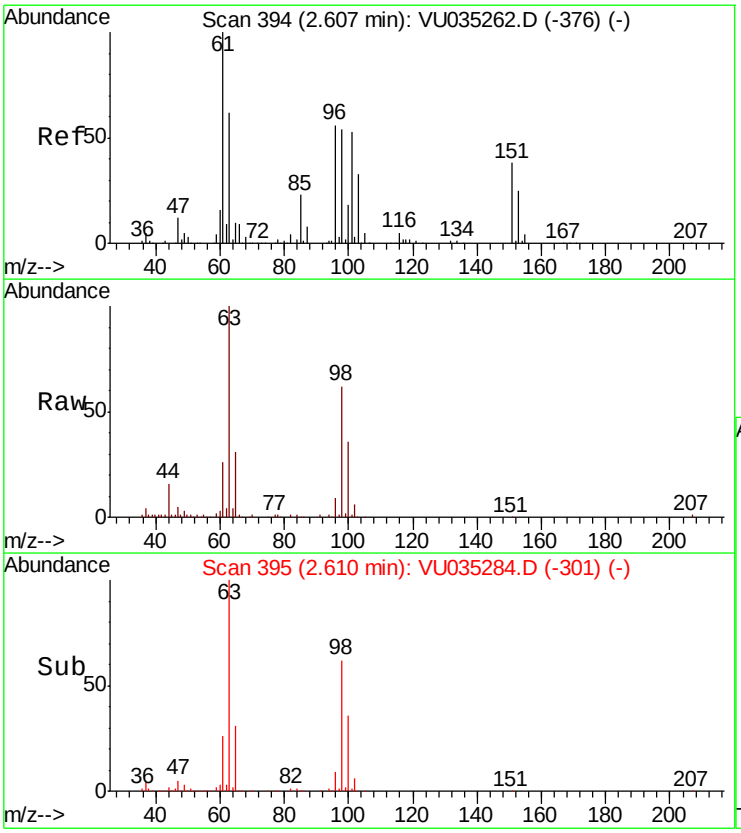
#5
Vinyl chloride
Concen: 27.744 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 770918

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.9	42.5

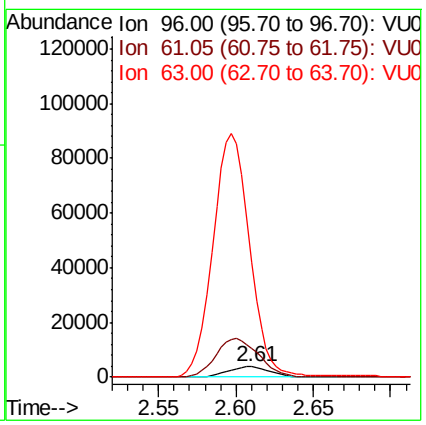


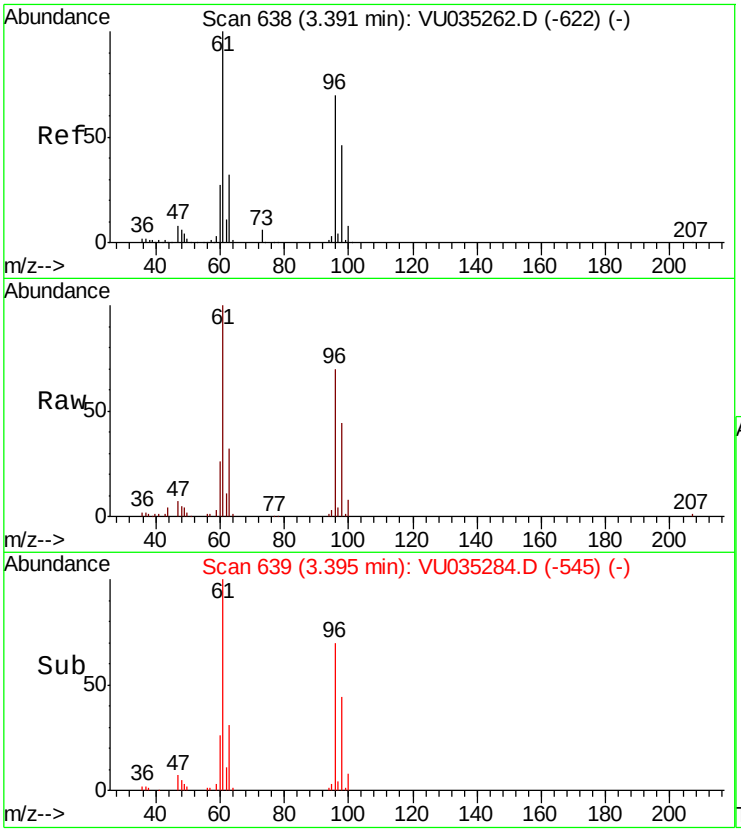


#12
1,1-Dichloroethene
Concen: 0.347 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Tgt Ion: 96 Resp: 7147

Ion	Ratio	Lower	Upper
96	100		
61	283.5	120.6	224.0#
63	1109.6	86.8	161.2#



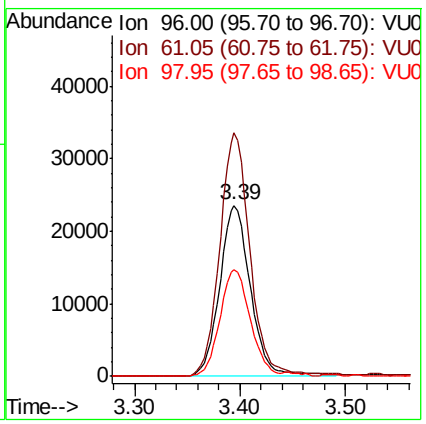


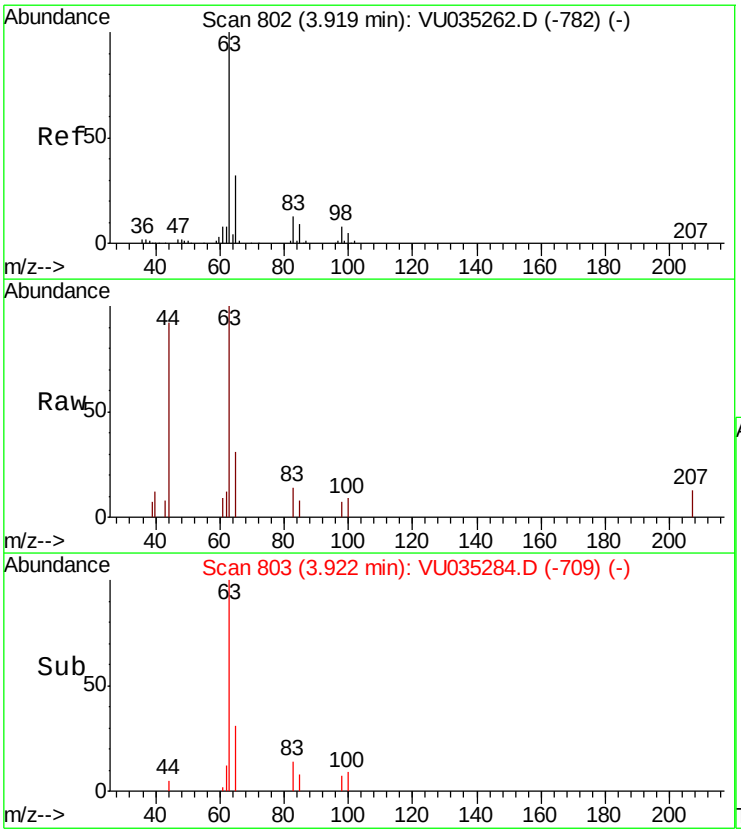
#18
trans-1,2-Dichloroethene
Concen: 2.148 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 47731

Ion	Ratio	Lower	Upper
96	100		
61	142.2	93.0	172.6
98	62.4	43.7	81.1

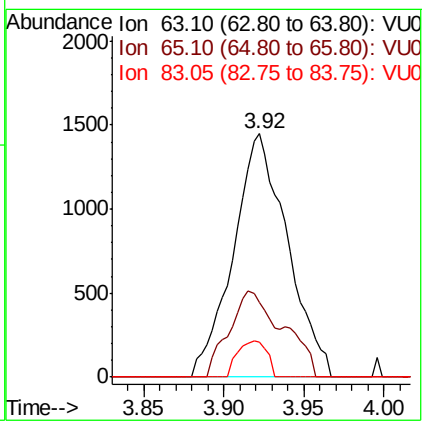


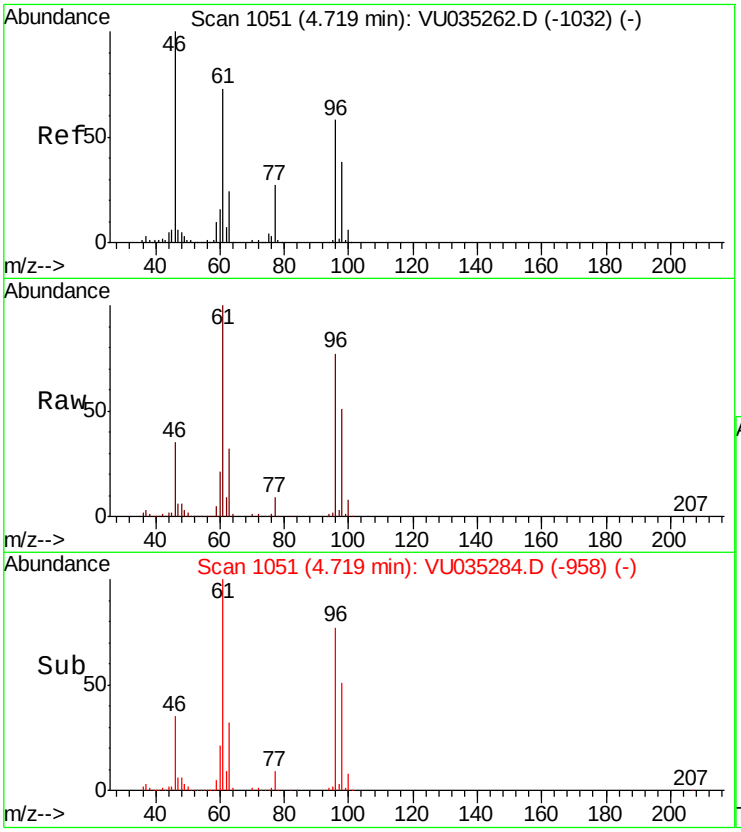


#19
1,1-Dichloroethane
Concen: 0.083 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Tgt Ion: 63 Resp: 3355

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.4	41.6
83	14.2	9.3	17.3



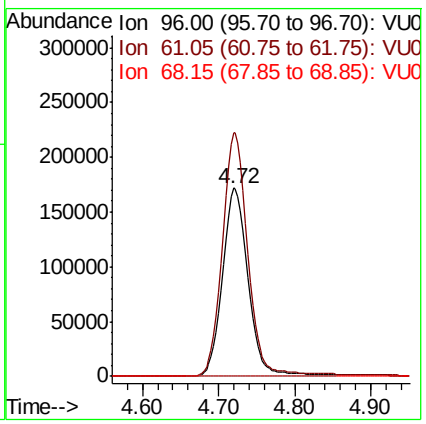


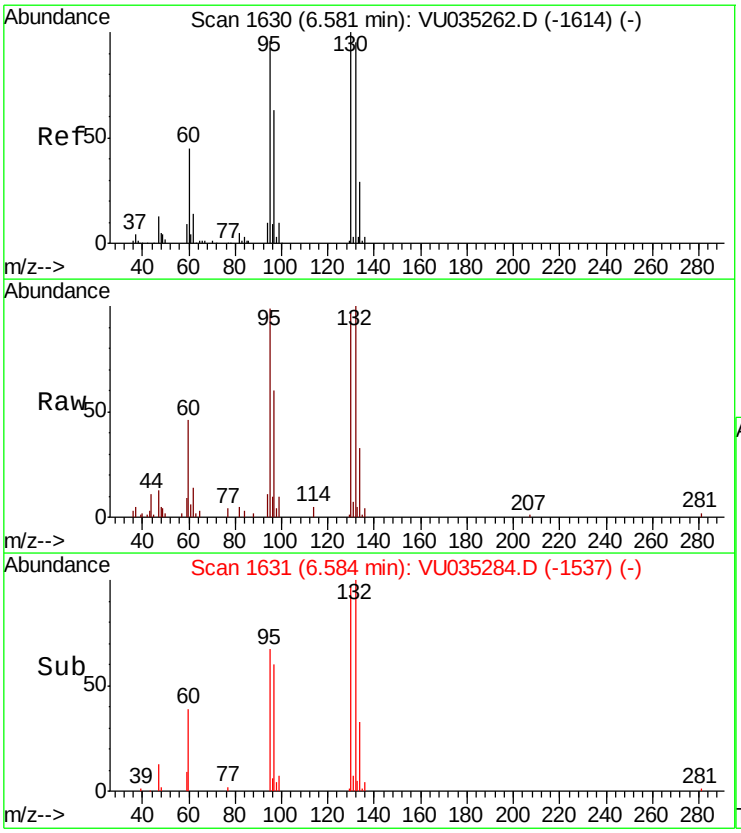
#22
cis-1,2-Dichloroethene
Concen: 16.509 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 405436

Ion	Ratio	Lower	Upper
96	100		
61	129.2	89.7	166.5
68	0.0	0.0	0.0

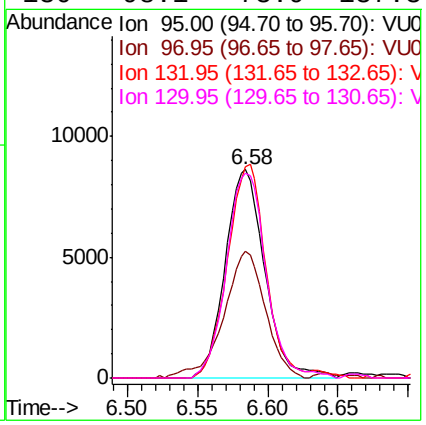


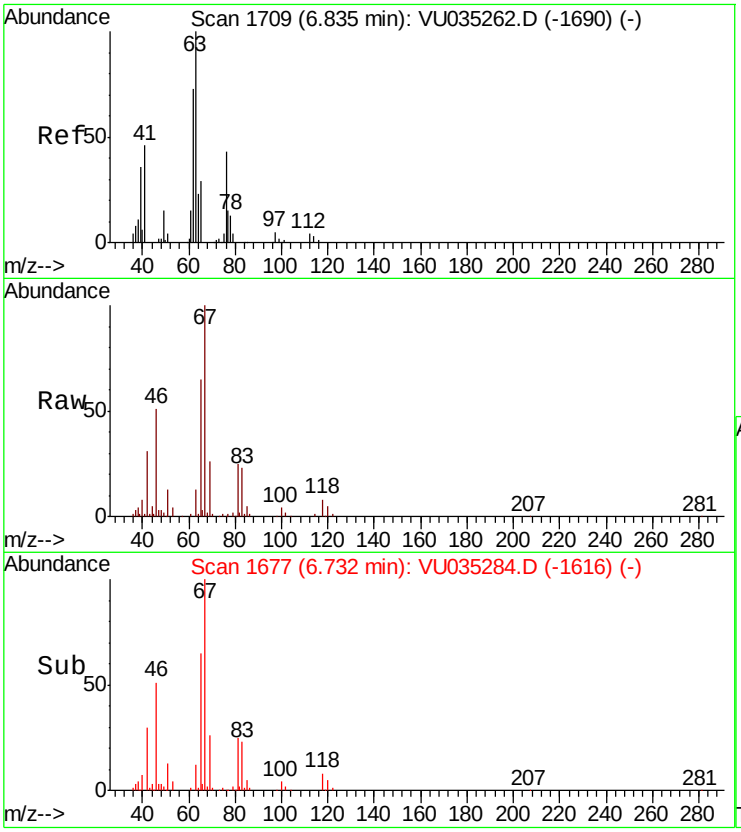


#34
Trichloroethene
Concen: 0.678 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Tgt Ion: 95 Resp: 16919

Ion	Ratio	Lower	Upper
95	100		
97	60.9	46.6	86.6
132	101.3	68.7	127.7
130	98.1	73.9	137.3



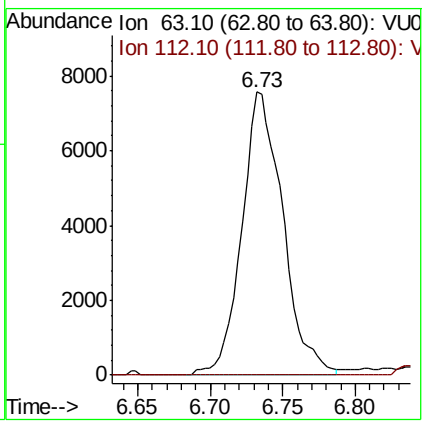


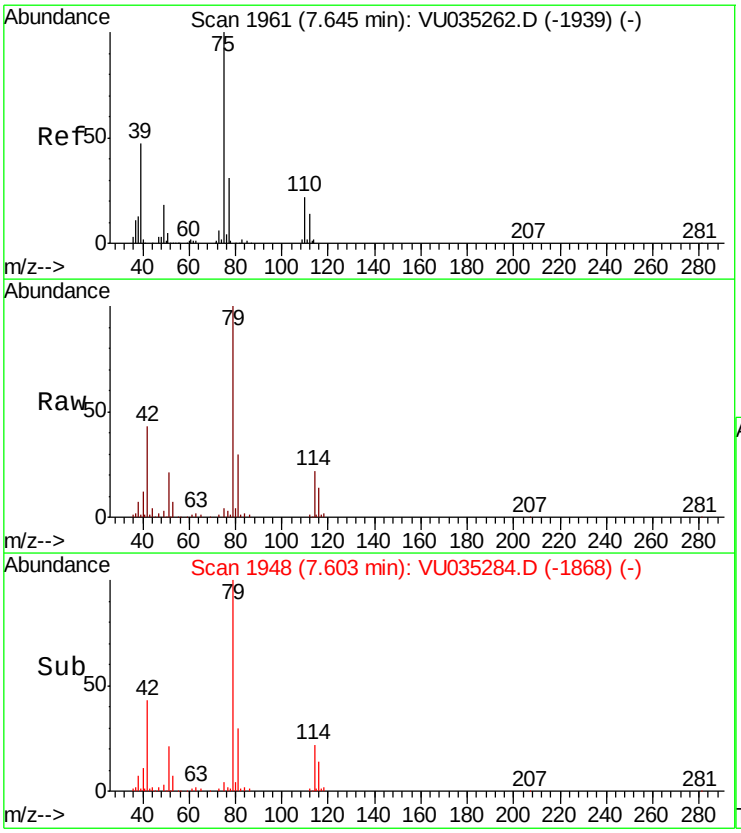
#37
1,2-Dichloropropane
Concen: 0.632 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 14902

Ion	Ratio	Lower	Upper
63	100		
112	3.5	3.7	5.5#

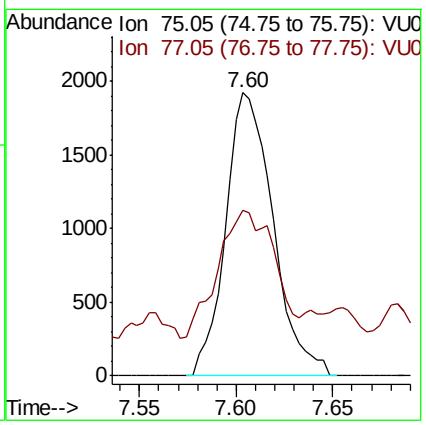


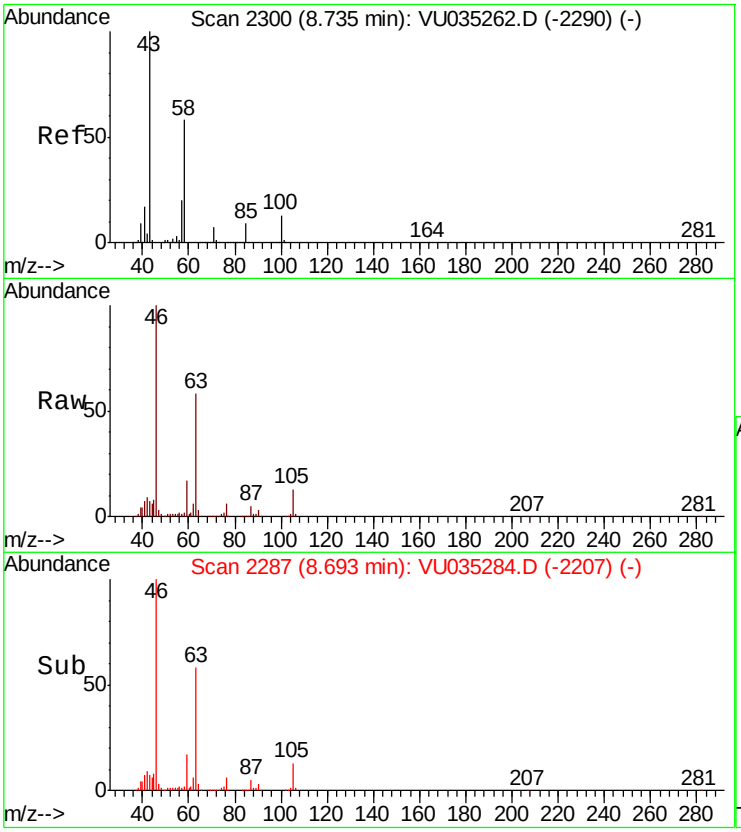


#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Tgt Ion: 75 Resp: 3269

Ion	Ratio	Lower	Upper
75	100		
77	58.6	22.7	42.1#



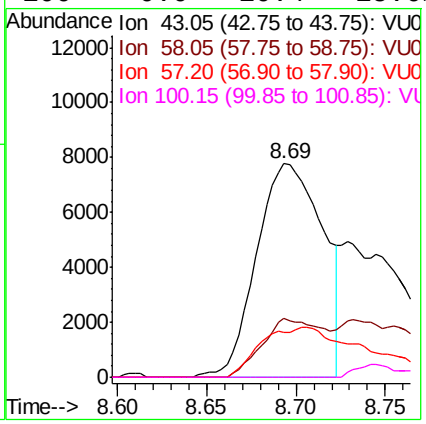


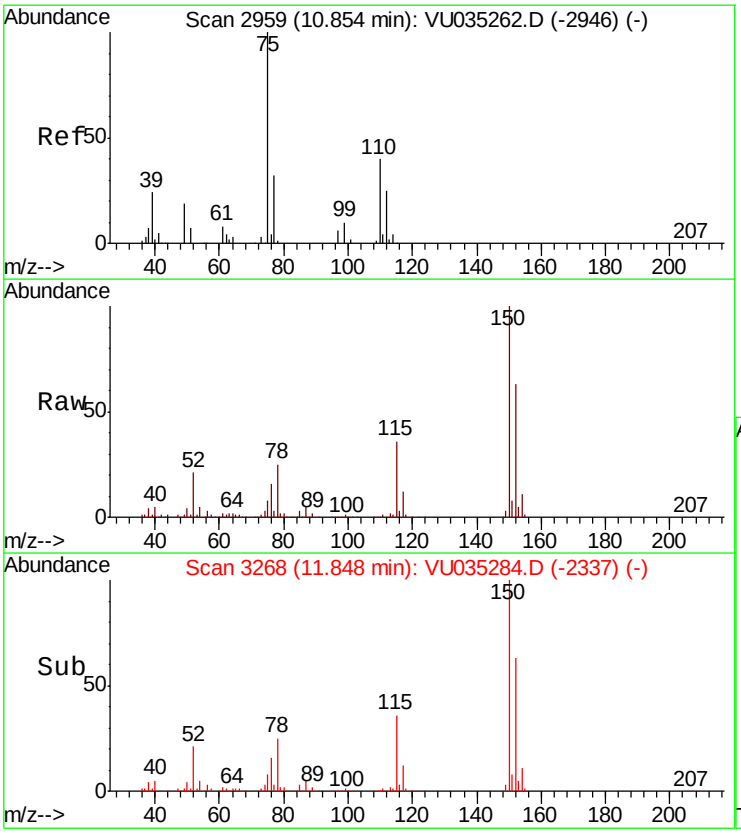
#48
2-Hexanone
Concen: 1.797 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.04 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 20048

Ion	Ratio	Lower	Upper
43	100		
58	25.1	45.1	67.7#
57	40.2	16.0	24.0#
100	0.0	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.816 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035284.D
Acq: 18 Oct 2019 22:17

Tgt Ion: 75 Resp: 13399

Ion	Ratio	Lower	Upper
75	100		
77	39.4	26.2	39.2#