Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\
Data File : VU033280.D
Acq On : 17 Jul 2019 10:25
Operator : JC/SP
Sample : K3772-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52R1

Quant Time: Jul 18 08:28:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	136592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	140594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59980	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	57648	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.67	69	46952	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.80%			
11) 1,1-Dichloroethene-d2	2.26	63	110820	4.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.40%			
20) 2-Butanone-d5	4.18	46	128165	49.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.88%			
24) Chloroform-d	4.62	84	84007	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
26) 1,2-Dichloroethane-d4	5.29	65	48504	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.32	84	173901	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.31	67	55367	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.80%			
41) Toluene-d8	7.55	98	155464	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	7.83	79	20669	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
46) 2-Hexanone-d5	8.30	63	84605	41.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.52%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	46674	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	56342	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	6785	0.496	ug/L	97
5) Vinyl chloride	1.40	62	511011	34.752	ug/L	99
8) Chloroethane	1.69	64	6167	0.655	ug/L	94
12) 1,1-Dichloroethene	2.27	96	42618	3.798	ug/L	98
13) Acetone	2.31	43	5586	2.461	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	42703	3.445	ug/L	98
19) 1,1-Dichloroethane	3.42	63	12896	0.692	ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	9305480	888.239	ug/L	95
29) 1,1,1-Trichloroethane	4.89	97	2864	0.176	ug/L #	93
34) Trichloroethene	6.17	95	4799224	455.527	ug/L	97
47) Tetrachloroethene	8.21	164	3941	0.467	ug/L	93

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

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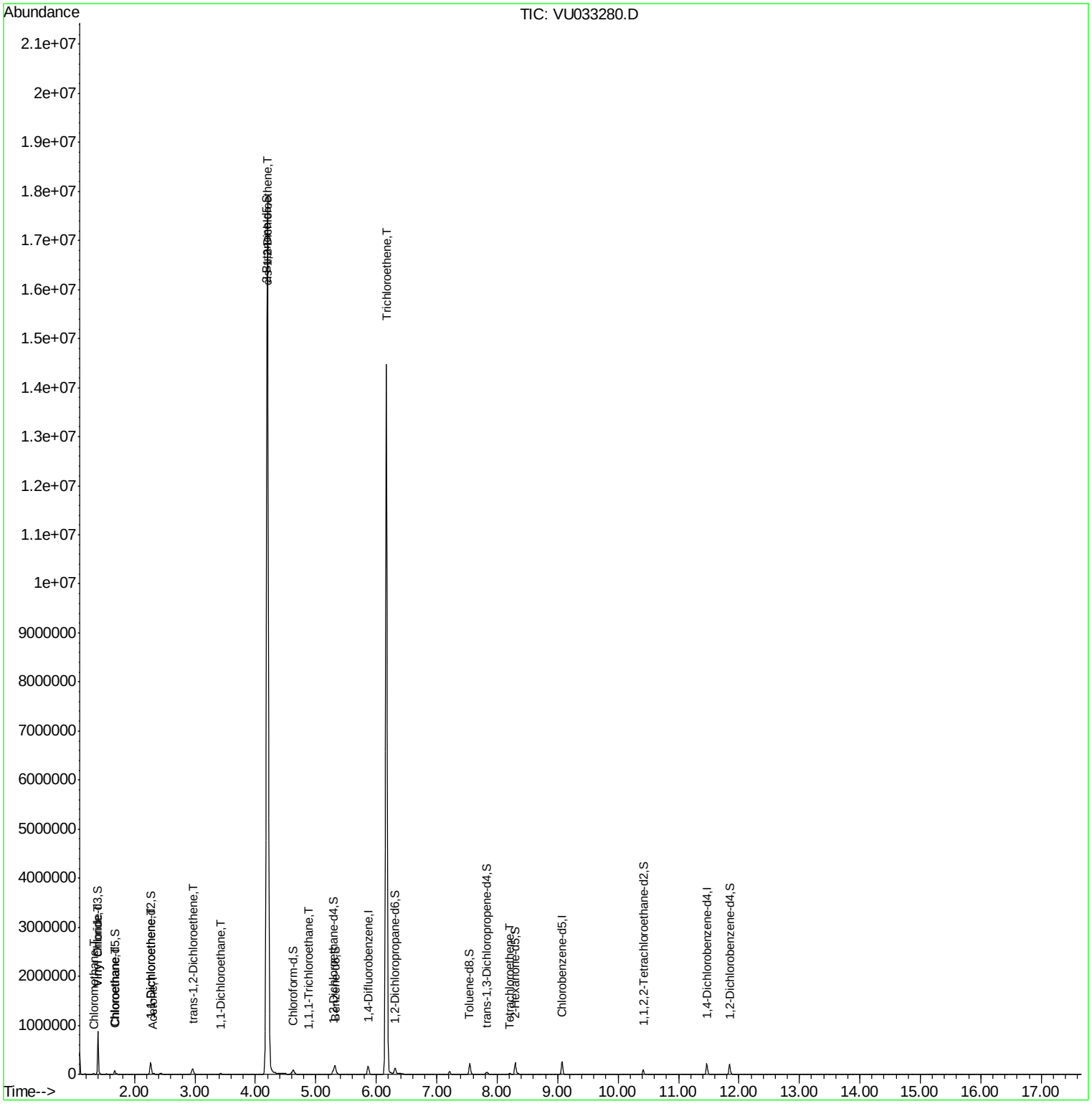
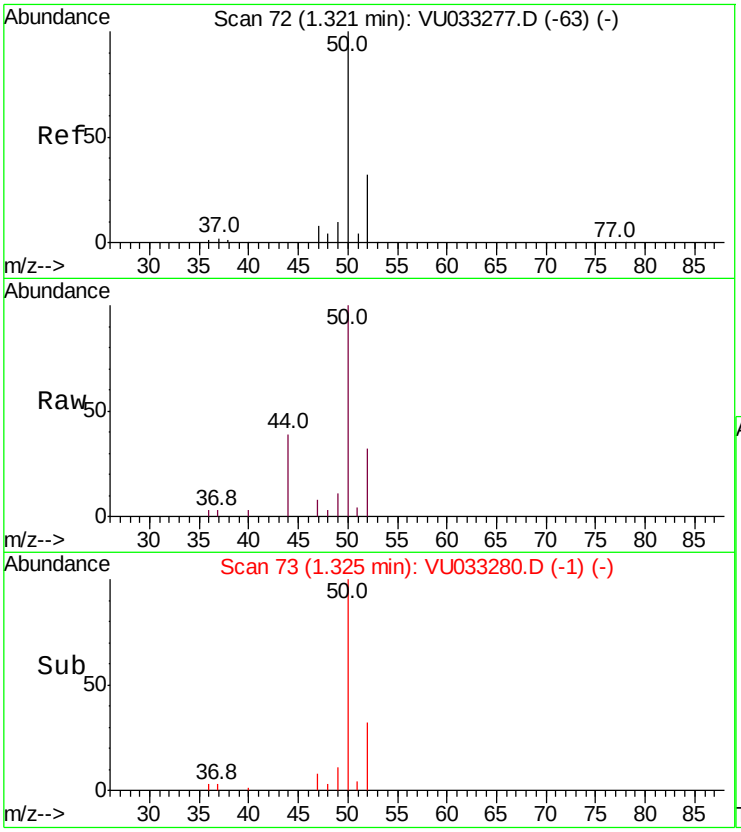
Acq On : 17 Jul 2019 10:25
Operator : JC/SP
Sample : K3772-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52R1

Quant Time: Jul 18 08:28:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration



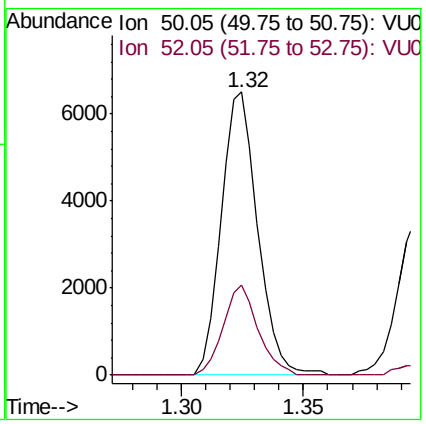


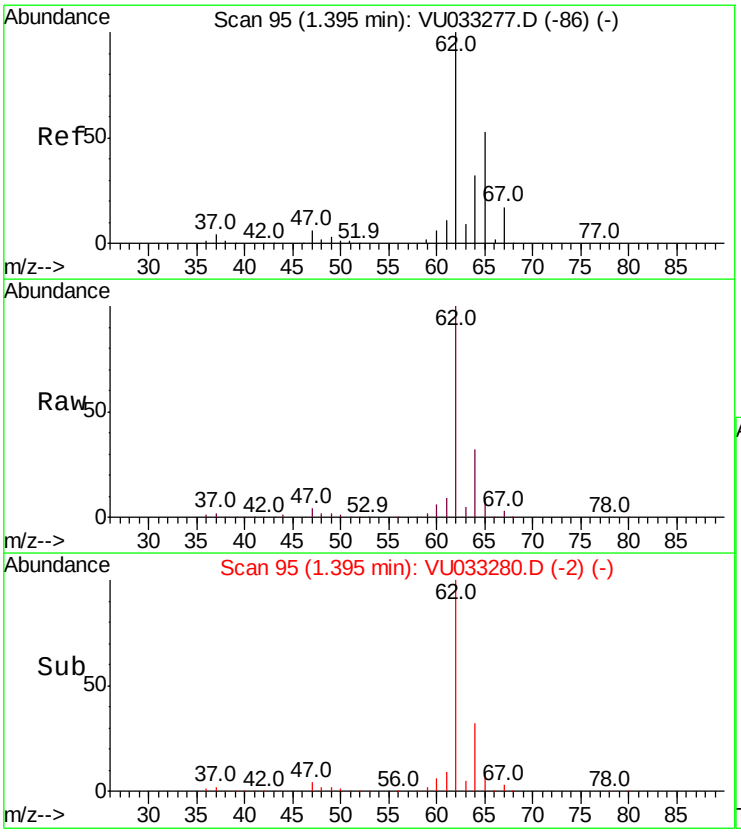
#3
Chloromethane
Concen: 0.496 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Instrument :
MSVOA_U
ClientSampleId :
A52R1

Tgt Ion: 50 Resp: 6785

Ion	Ratio	Lower	Upper
50	100		
52	31.9	23.3	43.3

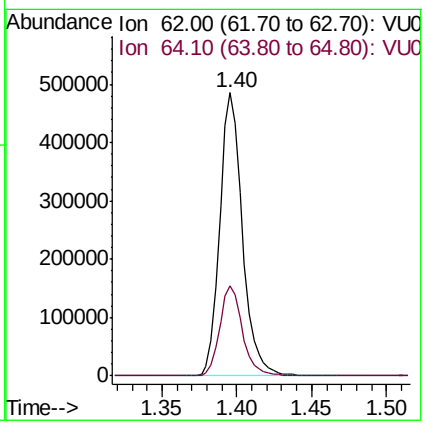


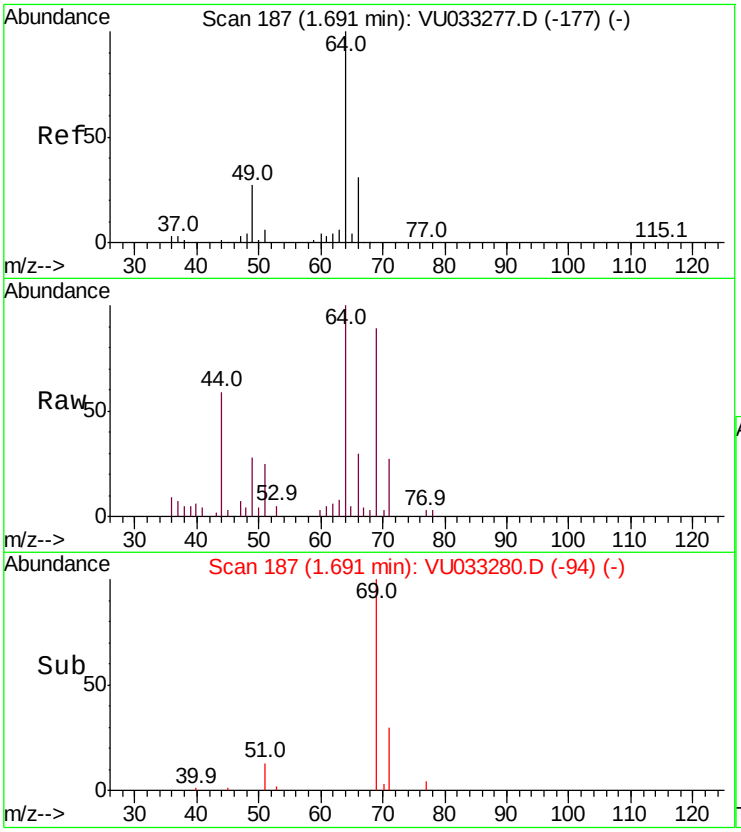


#5
Vinyl chloride
Concen: 34.752 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Tgt Ion: 62 Resp: 511011

Ion	Ratio	Lower	Upper
62	100		
64	31.9	22.8	42.4



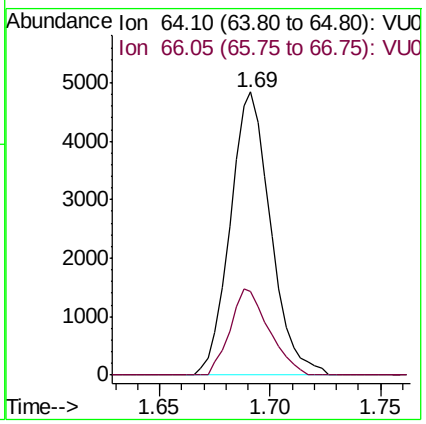


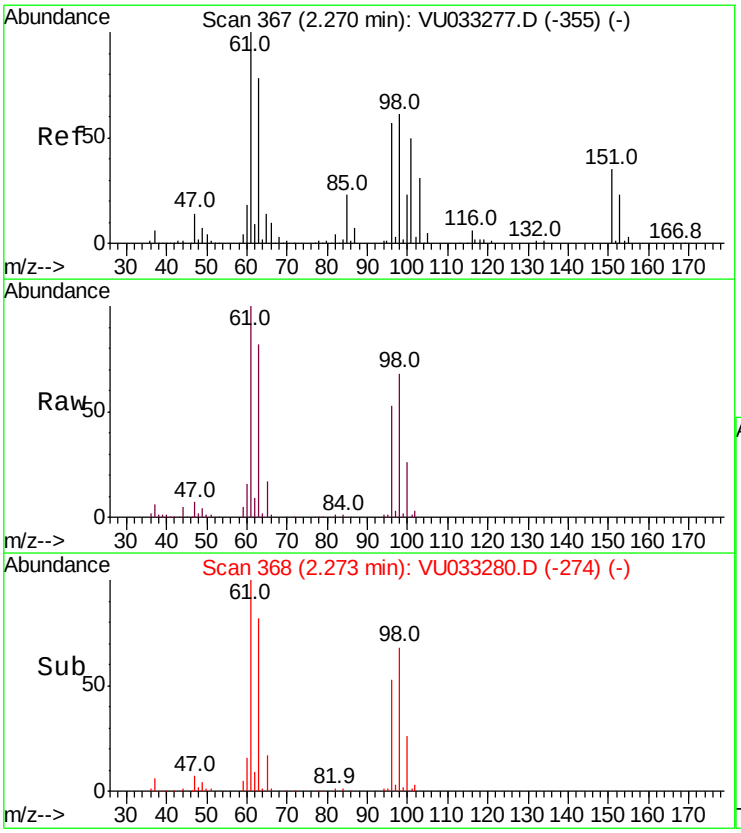
#8
Chloroethane
Concen: 0.655 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Instrument :
MSVOA_U
ClientSampleId :
A52R1

Tgt Ion: 64 Resp: 6167

Ion	Ratio	Lower	Upper
64	100		
66	29.6	23.2	43.2

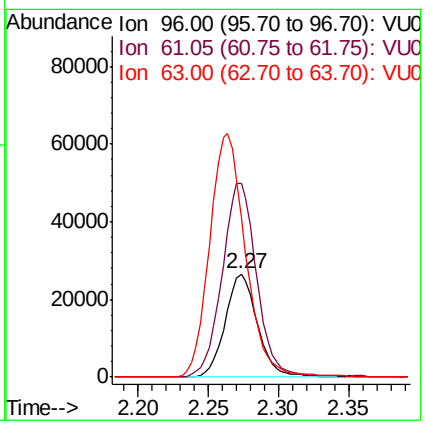


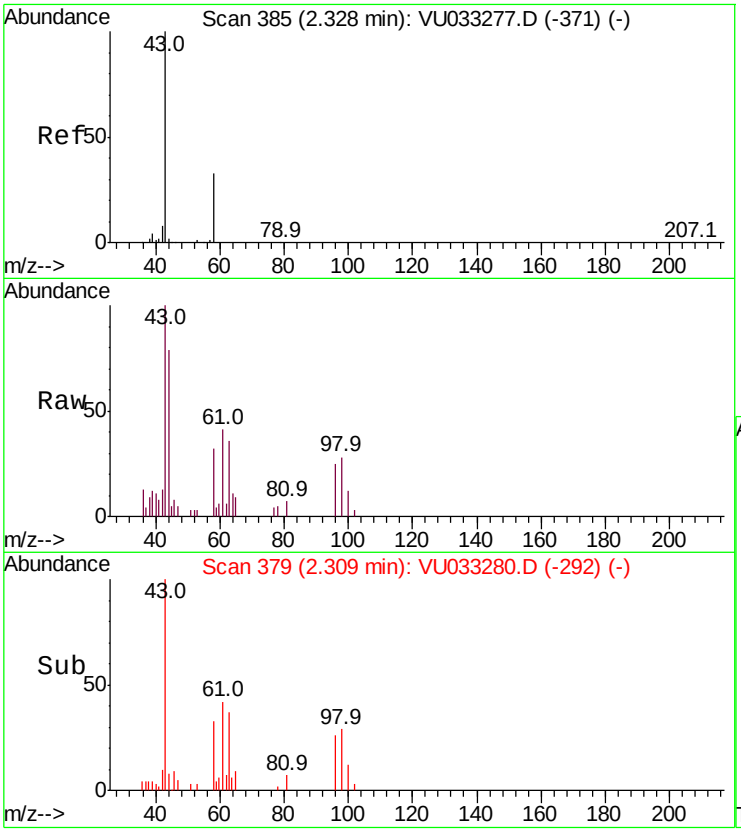


#12
1,1-Dichloroethene
Concen: 3.798 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Tgt Ion: 96 Resp: 42618

Ion	Ratio	Lower	Upper
96	100		
61	188.7	129.3	240.1
63	154.8	108.9	202.3



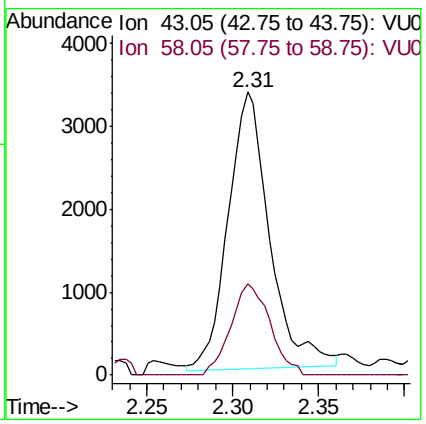


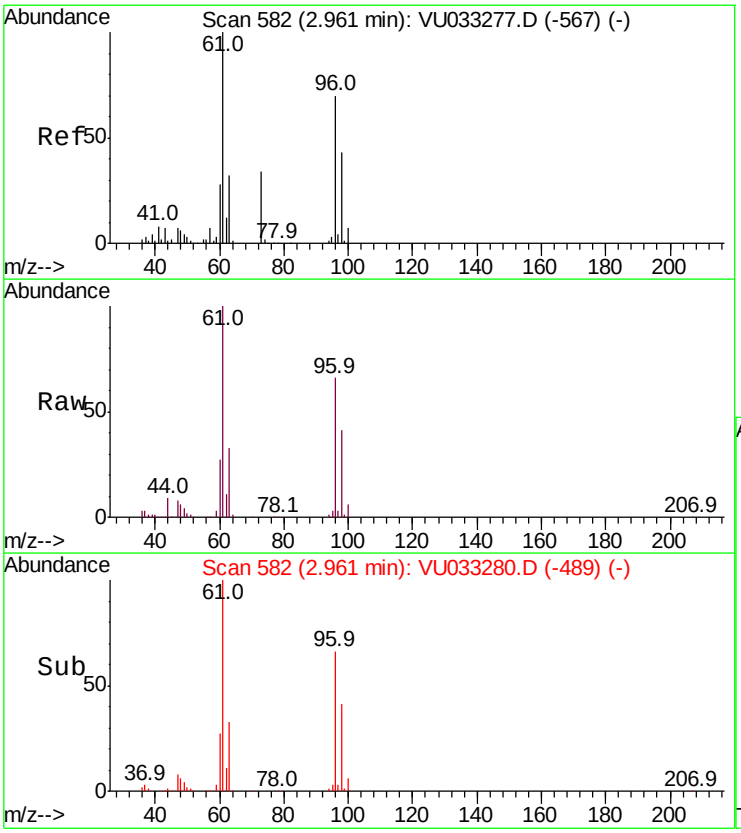
#13
Acetone
Concen: 2.461 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.02 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Instrument : MSVOA_U
ClientSampleId : A52R1

Tgt Ion: 43 Resp: 5586

Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	66.6

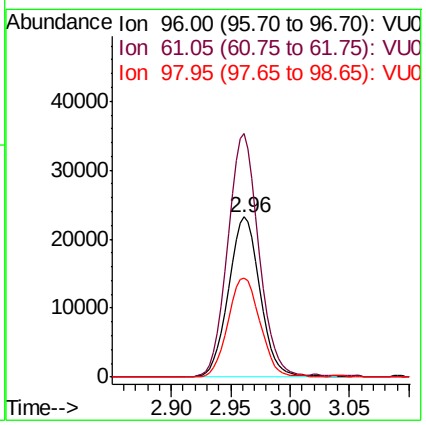


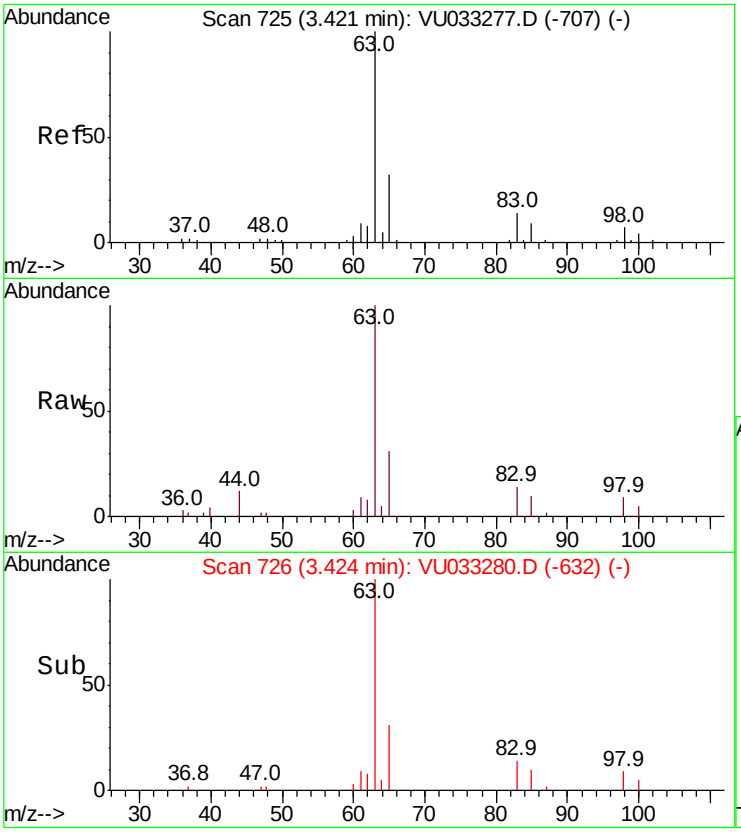


#18
trans-1,2-Dichloroethene
Concen: 3.445 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Tgt Ion: 96 Resp: 42703

Ion	Ratio	Lower	Upper
96	100		
61	151.8	107.1	198.9
98	61.9	45.4	84.4



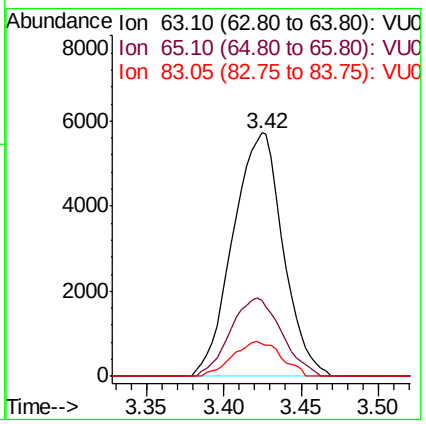


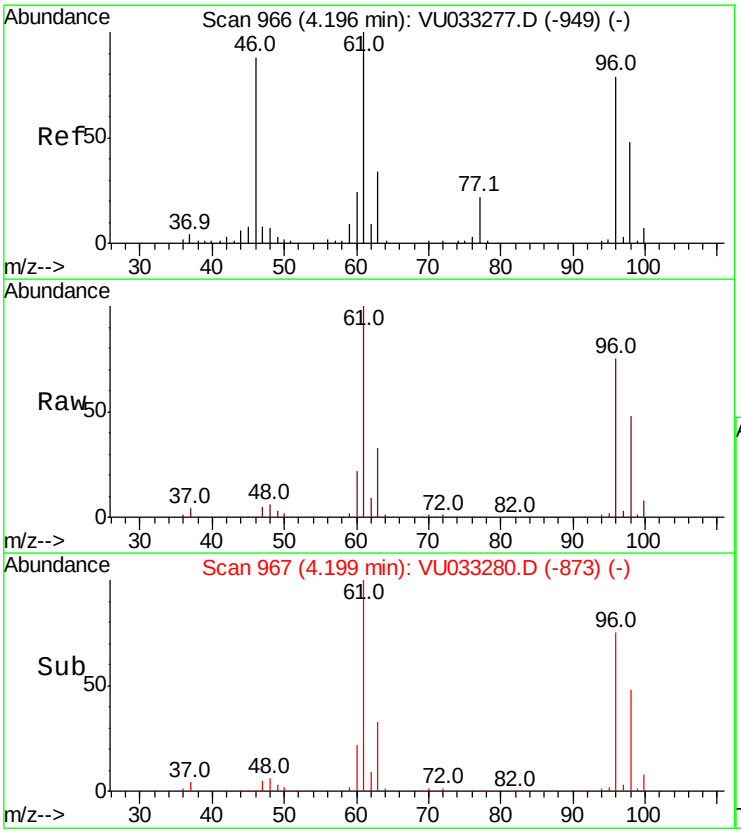
#19
1,1-Dichloroethane
Concen: 0.692 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Instrument :
MSVOA_U
ClientSampleId :
A52R1

Tgt Ion: 63 Resp: 12896

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.7	40.3
83	13.5	9.0	16.8

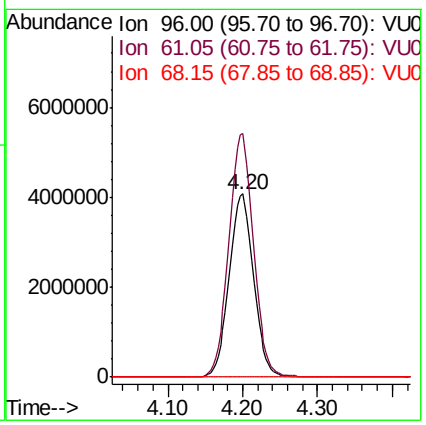


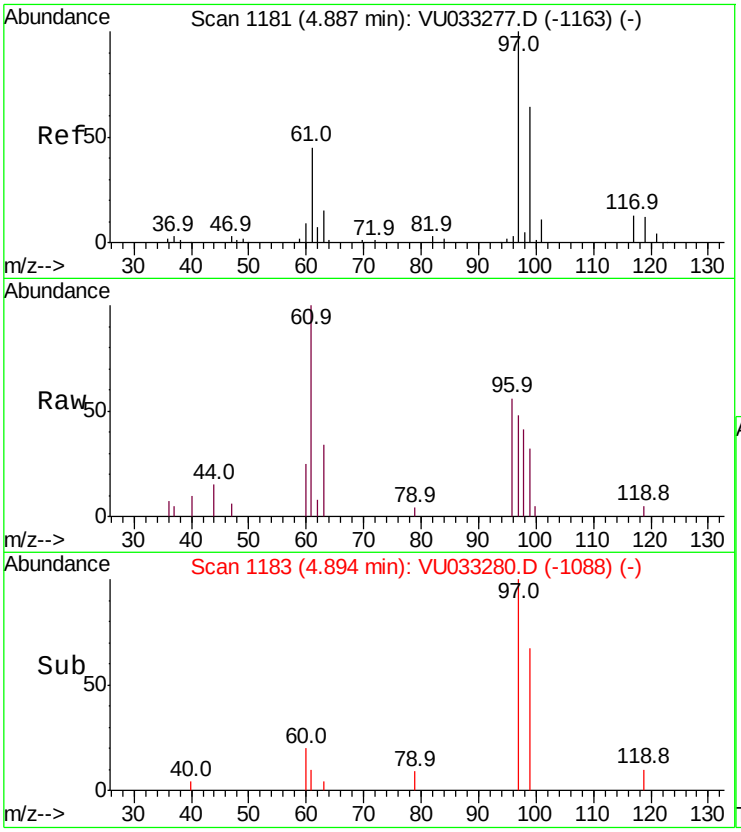


#22
cis-1,2-Dichloroethene
Concen: 888.239 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Tgt Ion: 96 Resp: 9305480

Ion	Ratio	Lower	Upper
96	100		
61	133.0	89.2	165.6
68	0.0	0.0	0.0



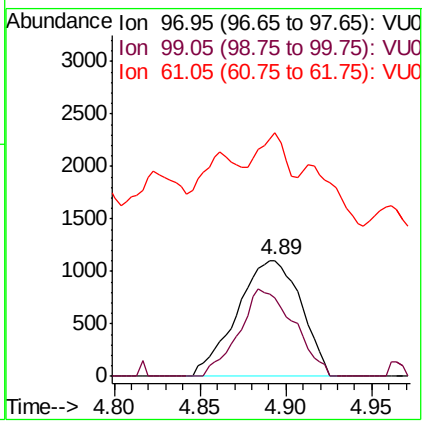


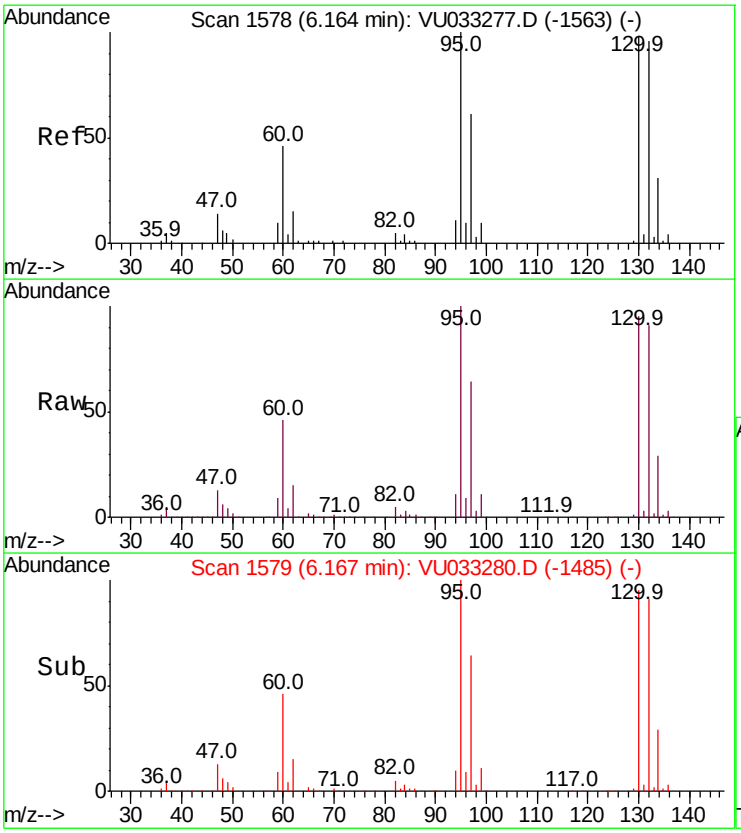
#29
1,1,1-Trichloroethane
Concen: 0.176 ug/L
RT: 4.89 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Instrument :
MSVOA_U
ClientSampleId :
A52R1

Tgt Ion: 97 Resp: 2864

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	34.6	36.2	54.4#

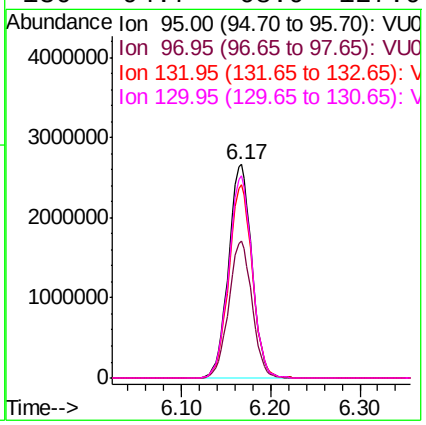


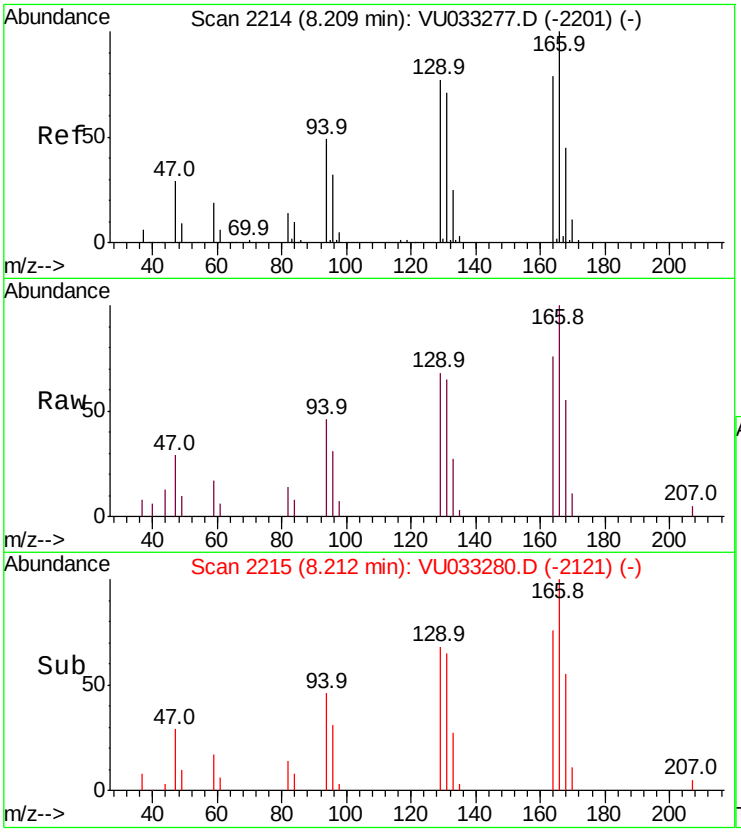


#34
Trichloroethene
Concen: 455.527 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Tgt Ion: 95 Resp: 4799224

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.5	82.7
132	90.8	66.6	123.8
130	94.7	68.9	127.9





#47
Tetrachloroethene
Concen: 0.467 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033280.D
Acq: 17 Jul 2019 10:25

Instrument :
MSVOA_U
ClientSampleId :
A52R1

Tgt Ion:164 Resp: 3941

Ion	Ratio	Lower	Upper
164	100		
129	89.1	68.5	127.1
131	85.6	67.3	124.9
166	130.7	93.1	172.9