Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073118\
Data File : VV006793.D
Acq On : 31 Jul 2018 18:32
Operator : SY/MD
Sample : J4225-12
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWR0

Quant Time: Aug 01 23:03:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 01 01:43:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	211072	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83785	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45141	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.58	69	44417	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.00%			
11) 1,1-Dichloroethene-d2	2.13	63	66574	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	3.95	46	176376	51.39	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.78%			
24) Chloroform-d	4.40	84	106833	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.09	65	54081	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
32) Benzene-d6	5.10	84	210189	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
36) 1,2-Dichloropropane-d6	6.12	67	72171	5.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.40%			
41) Toluene-d8	7.36	98	172020	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.67	79	21859	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.14	63	135519	48.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.70%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56931	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	66526	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	9999	0.62	ug/L	95
5) Vinyl chloride	1.32	62	91634	4.54	ug/L	91
12) 1,1-Dichloroethene	2.14	96	3380	0.24	ug/L #	1
13) Acetone	2.19	43	9086	4.16	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	23570	1.57	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	1265633	80.82	ug/L	97
34) Trichloroethene	5.96	95	37224	2.54	ug/L	98
47) Tetrachloroethene	8.02	164	14452	1.24	ug/L	98

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

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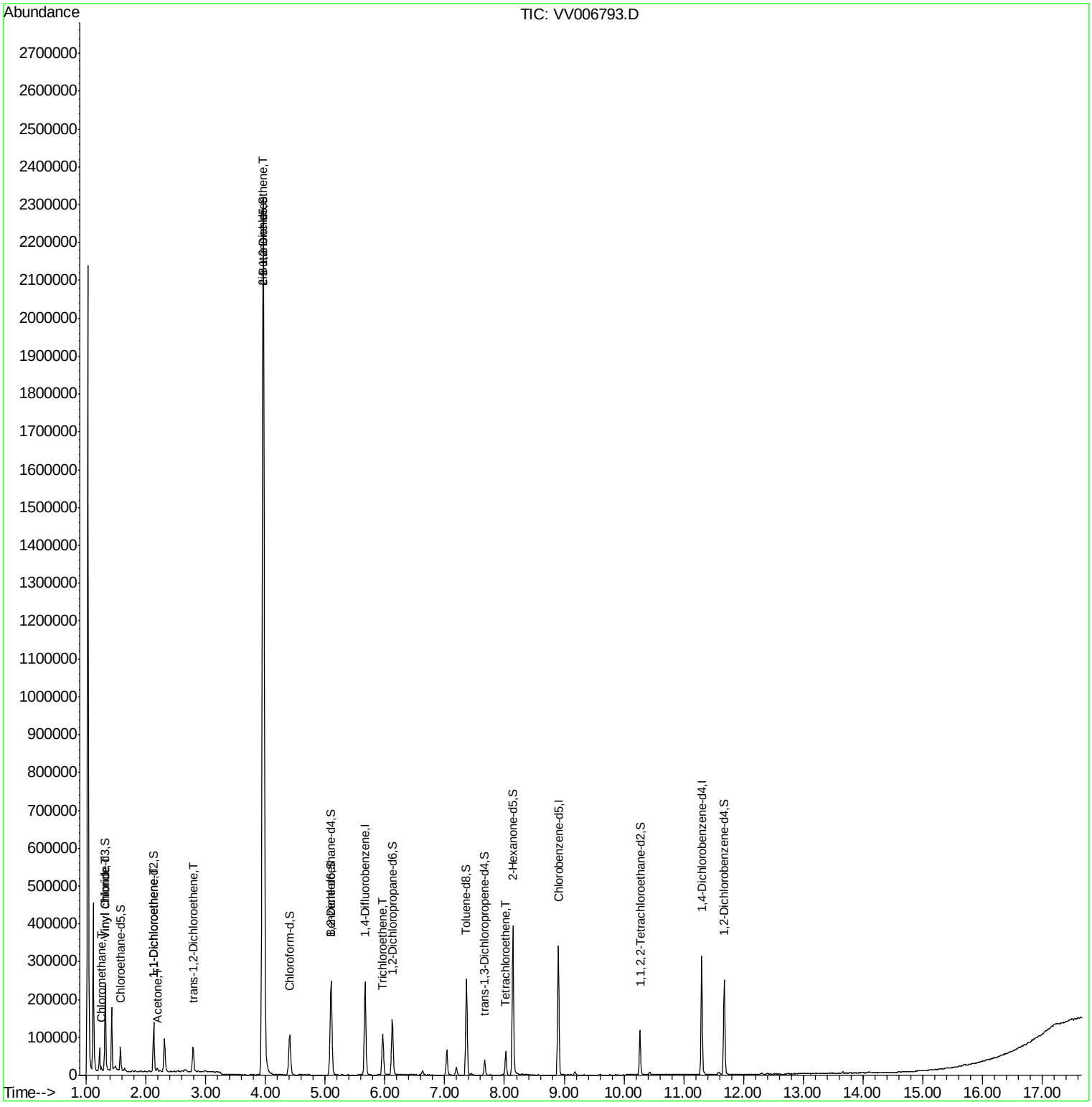
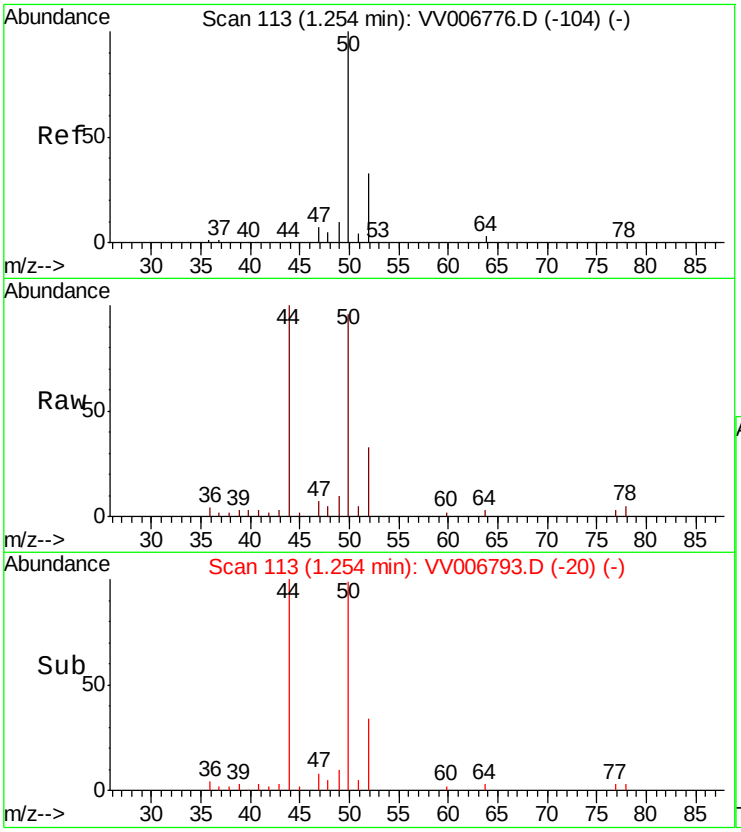


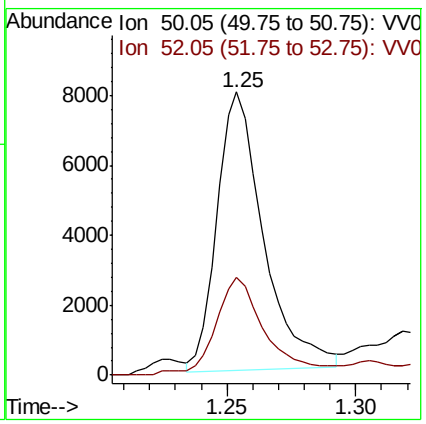


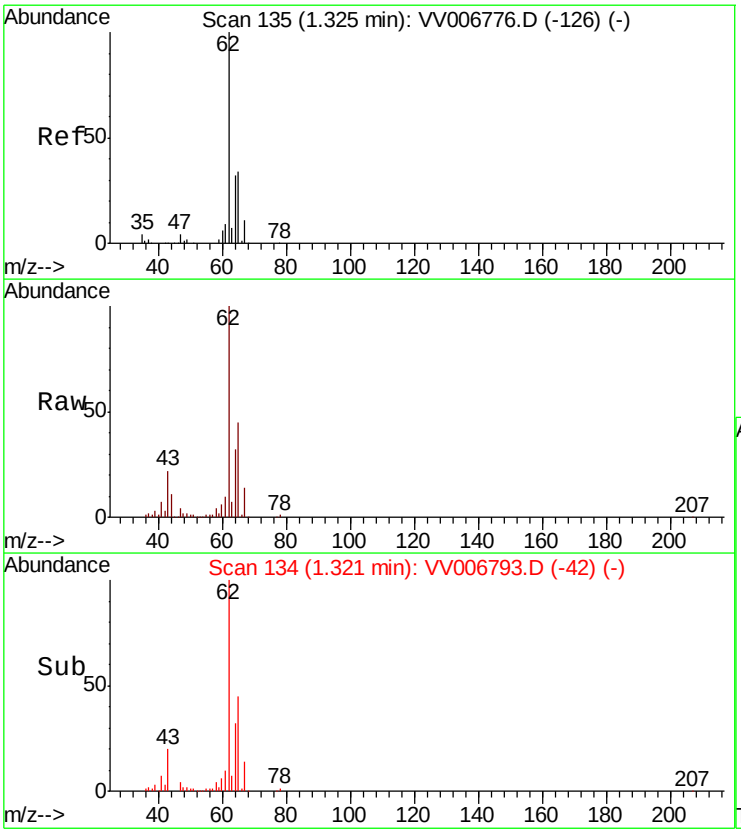
#3
Chloromethane
Concen: 0.62 ug/L
RT: 1.25 min Scan# 113
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument :
MSVOA_V
ClientSampleId :
ESWR0

Tgt Ion: 50 Resp: 9999

Ion	Ratio	Lower	Upper
50	100		
52	34.5	22.1	41.1

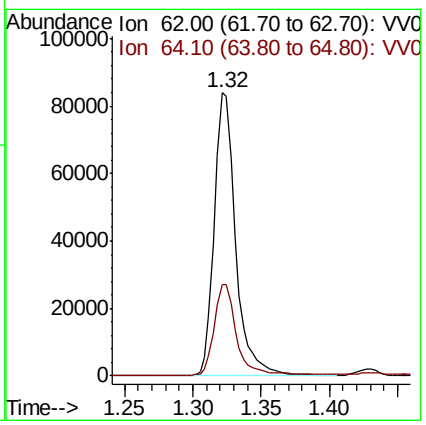


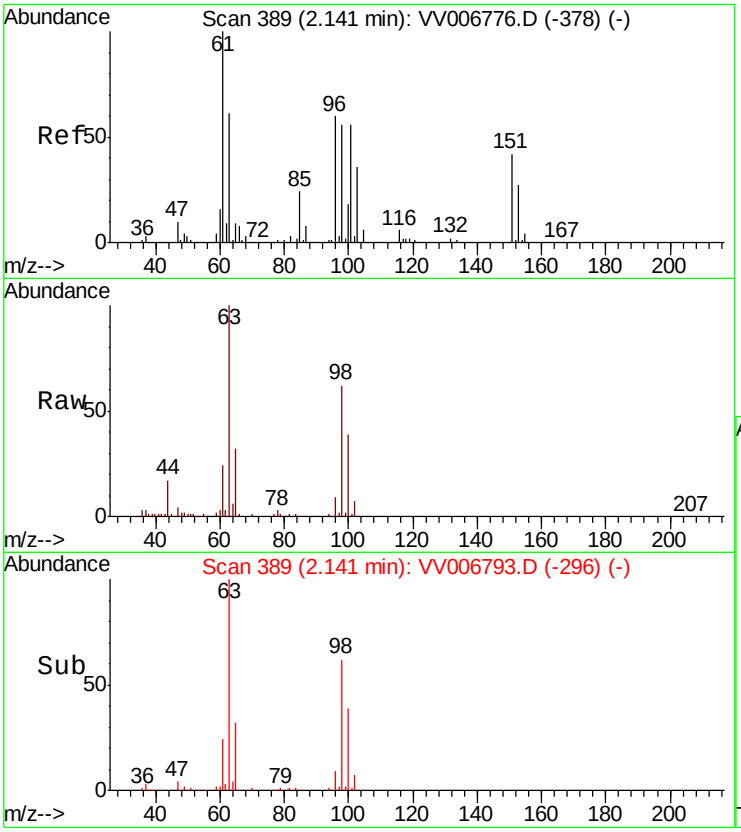


#5
Vinyl chloride
Concen: 4.54 ug/L
RT: 1.32 min Scan# 134
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion: 62 Resp: 91634

Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.5	49.3



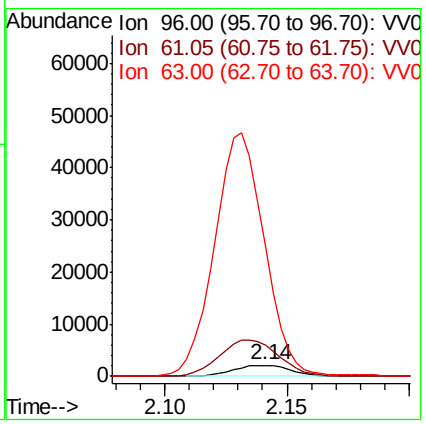


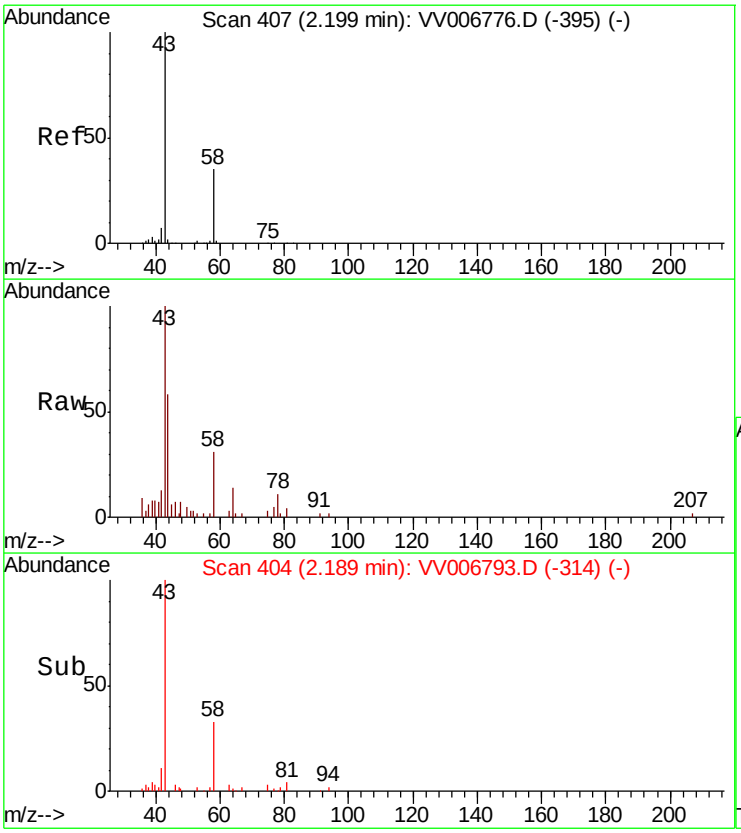
#12
1,1-Dichloroethene
Concen: 0.24 ug/L
RT: 2.14 min Scan# 389
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument : MSVOA_V
ClientSampleId : ESWR0

Tgt Ion: 96 Resp: 3380

Ion	Ratio	Lower	Upper
96	100		
61	275.9	113.5	210.9#
63	1149.6	69.5	129.1#

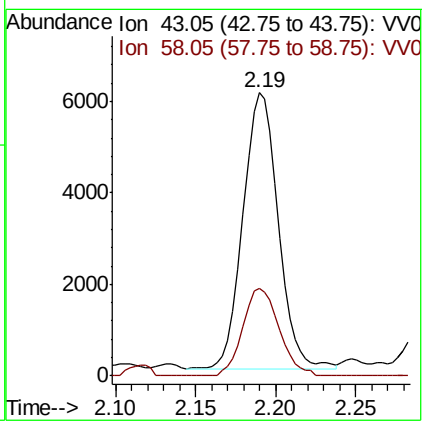


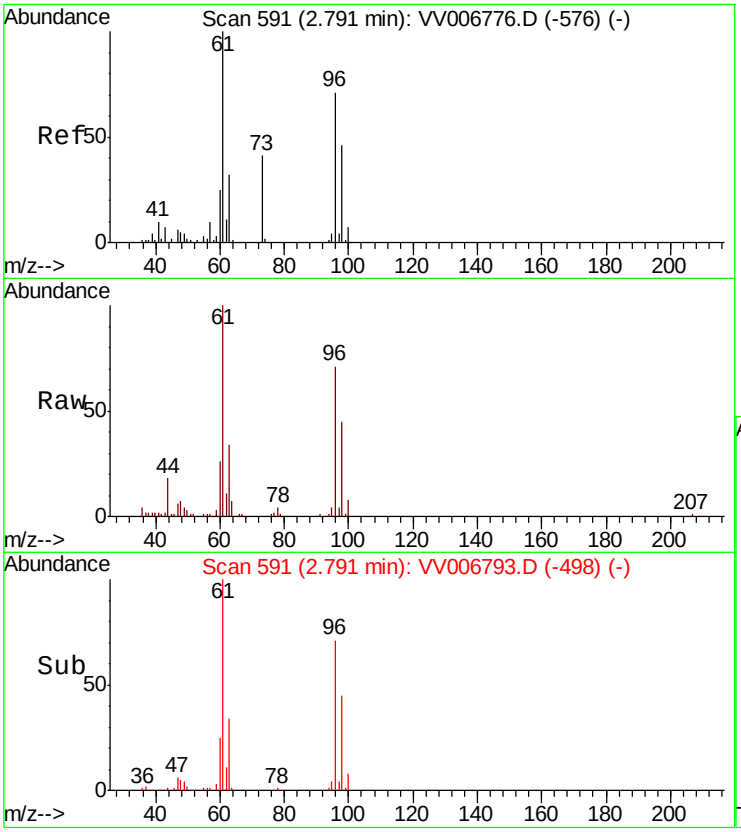


#13
Acetone
Concen: 4.16 ug/L
RT: 2.19 min Scan# 404
Delta R.T. -0.01 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion: 43 Resp: 9086

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	71.4



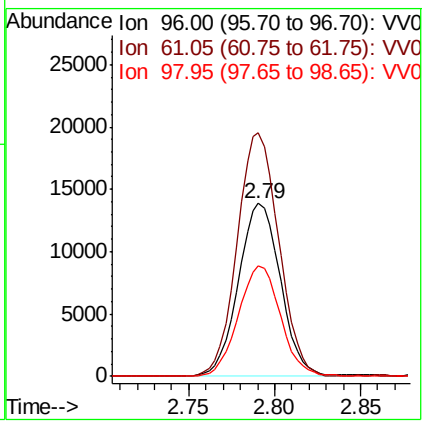


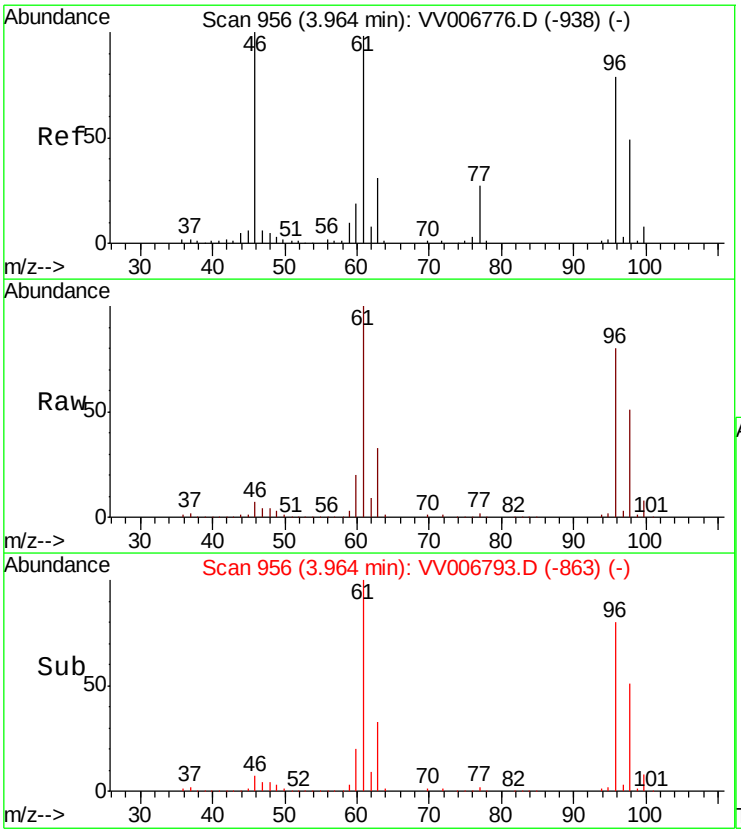
#18
trans-1,2-Dichloroethene
Concen: 1.57 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument :
MSVOA_V
ClientSampleId :
ESWR0

Tgt Ion: 96 Resp: 23570

Ion	Ratio	Lower	Upper
96	100		
61	141.0	98.5	182.9
98	63.9	45.4	84.4

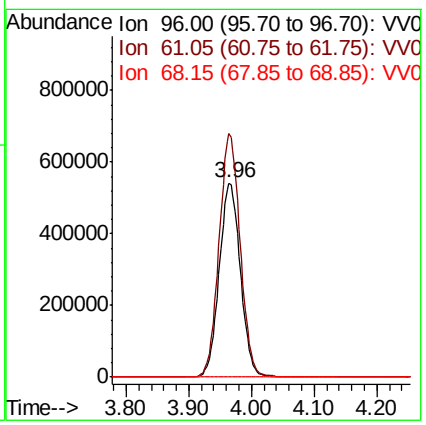


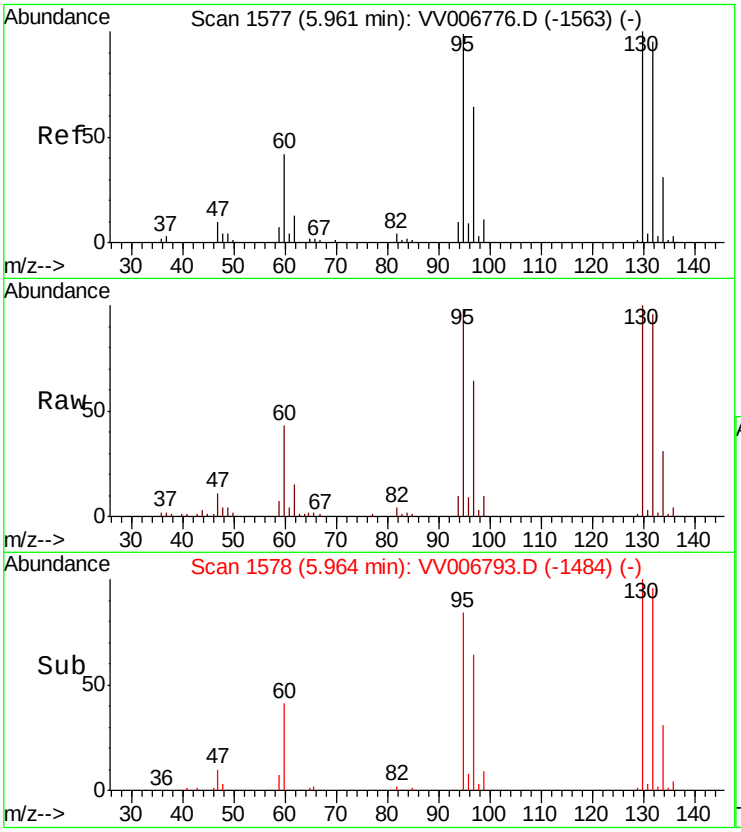


#22
cis-1,2-Dichloroethene
Concen: 80.82 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion: 96 Resp: 1265633

Ion	Ratio	Lower	Upper
96	100		
61	125.6	85.5	158.9
68	0.0	0.0	0.0



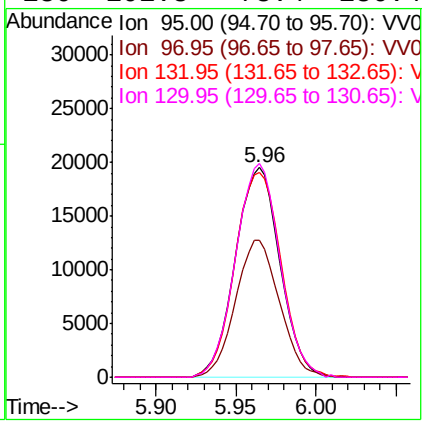


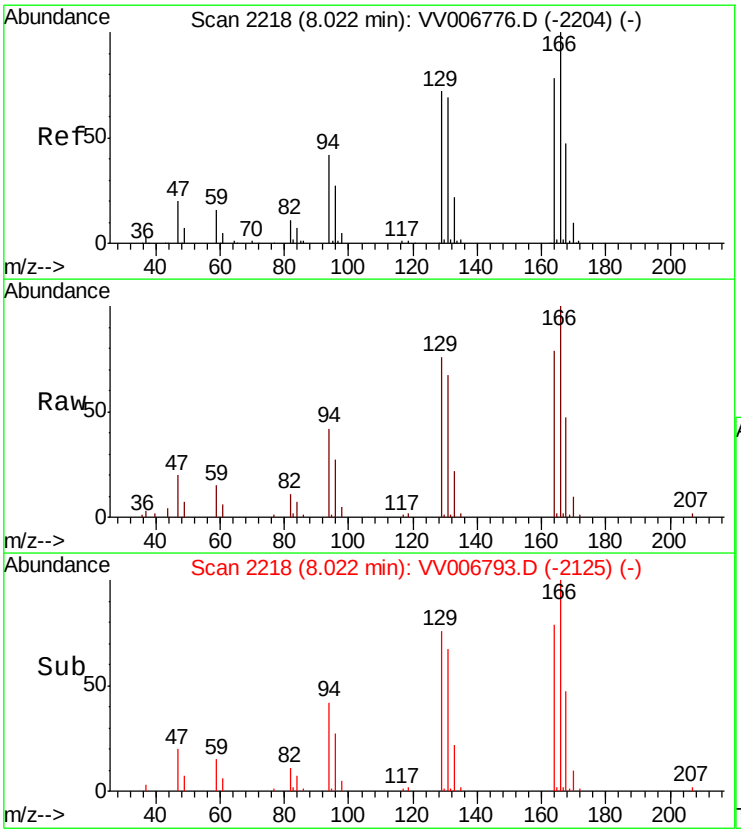
#34
Trichloroethene
Concen: 2.54 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument :
MSVOA_V
ClientSampleId :
ESWR0

Tgt Ion: 95 Resp: 37224

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.9	83.3
132	97.5	68.9	127.9
130	101.8	73.4	136.4





#47
Tetrachloroethene
Concen: 1.24 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion:164 Resp: 14452

Ion	Ratio	Lower	Upper
164	100		
129	96.3	65.0	120.8
131	85.9	61.9	115.1
166	127.3	89.3	165.9