Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Data File : VV008072.D
Acq On : 04 Oct 2018 20:07
Operator : SY/MD
Sample : J5247-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J90

Quant Time: Oct 05 06:31:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37550	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	16669	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.59	69	16402	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.14	63	28631	2.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.20%#			
20) 2-Butanone-d5	3.96	46	71388	55.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.90%			
24) Chloroform-d	4.41	84	46483	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.09	65	25393	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.10	84	86647	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.12	67	29035	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.36	98	77816	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.67	79	9362	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.14	63	45149	46.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.24%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22137	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	34994	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	2294	0.360	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	4479	0.758	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	17541	1.345	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	2044	0.351	ug/L	95
19) 1,1-Dichloroethane	3.23	63	1628	0.164	ug/L #	85
22) cis-1,2-Dichloroethene	3.97	96	91547	15.540	ug/L	97
34) Trichloroethene	5.96	95	61899	10.027	ug/L	96
47) Tetrachloroethene	8.02	164	11674	2.041	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	3072	0.263	ug/L	95

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

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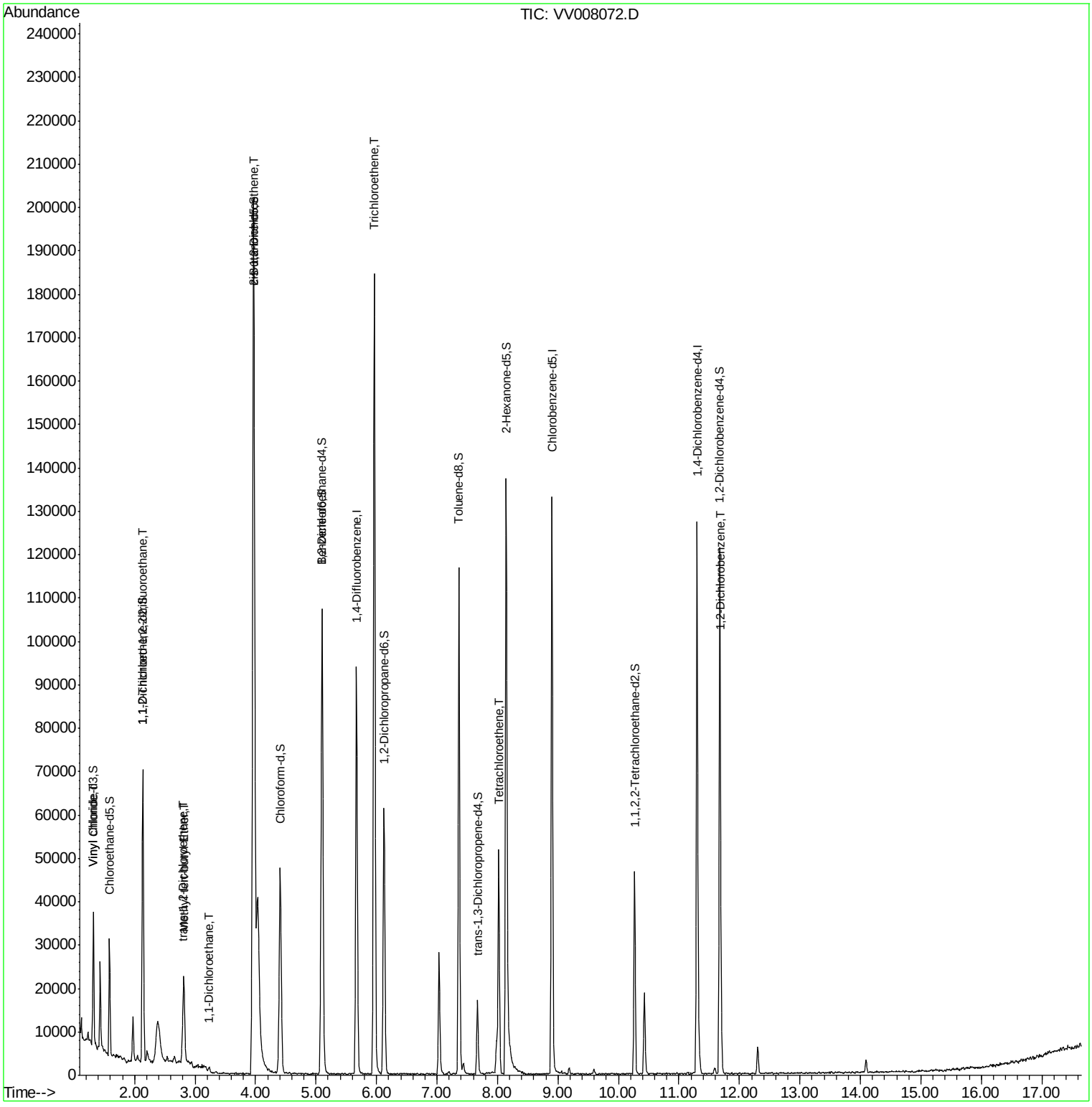
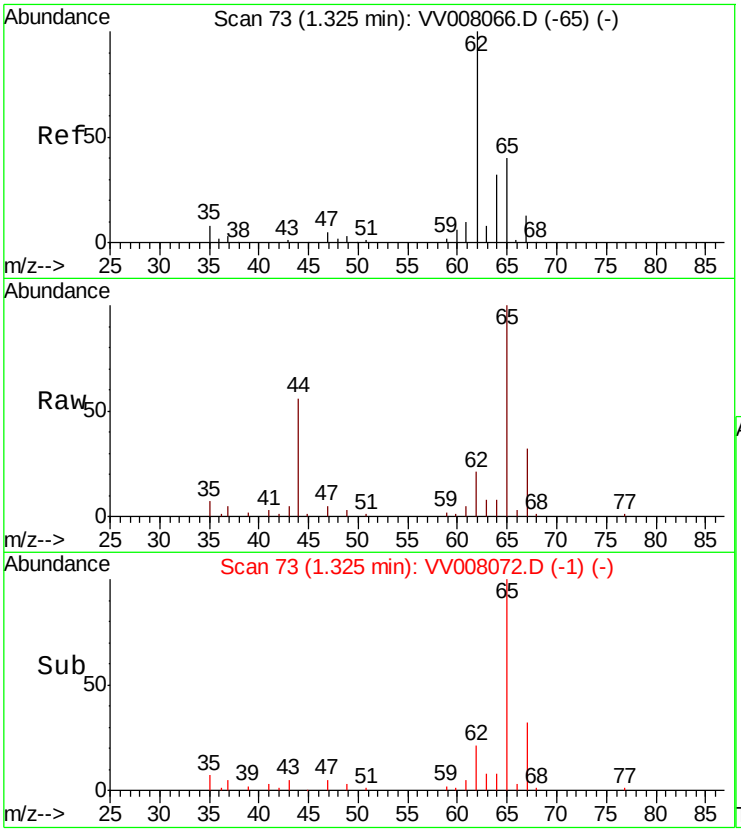


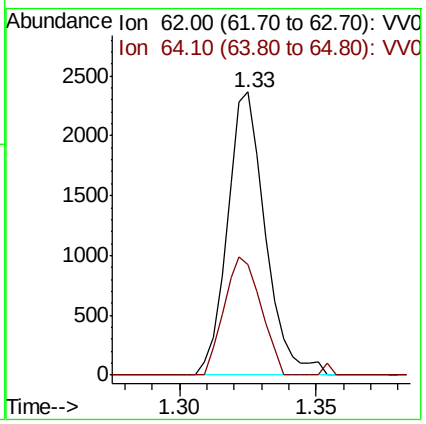


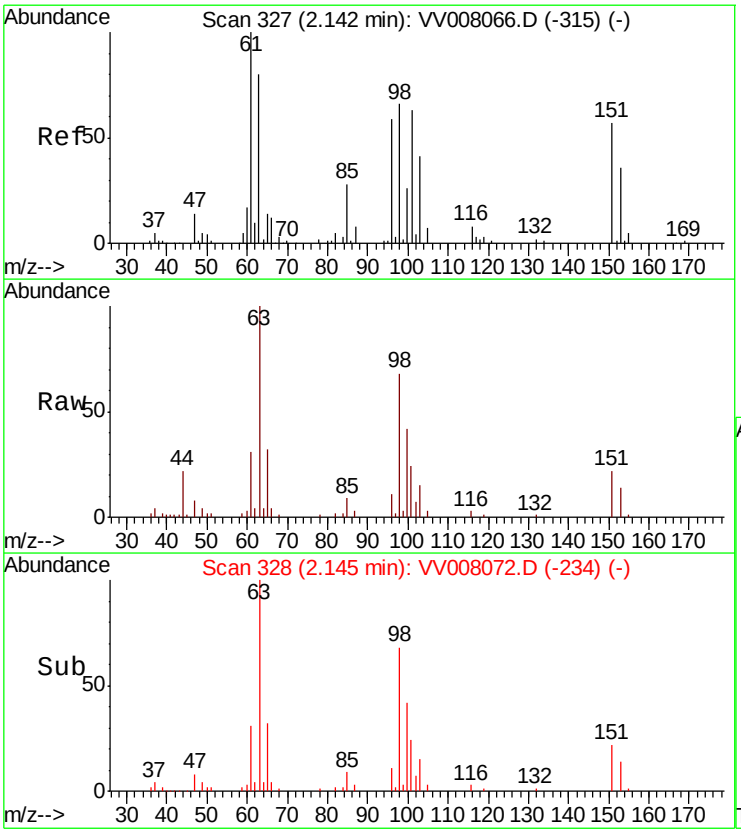
#5
Vinyl chloride
Concen: 0.360 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Instrument :
MSVOA_V
ClientSampleId :
C0J90

Tgt Ion: 62 Resp: 2294

Ion	Ratio	Lower	Upper
62	100		
64	39.2	24.0	44.6

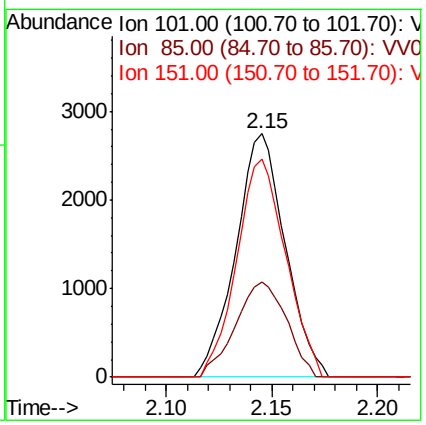


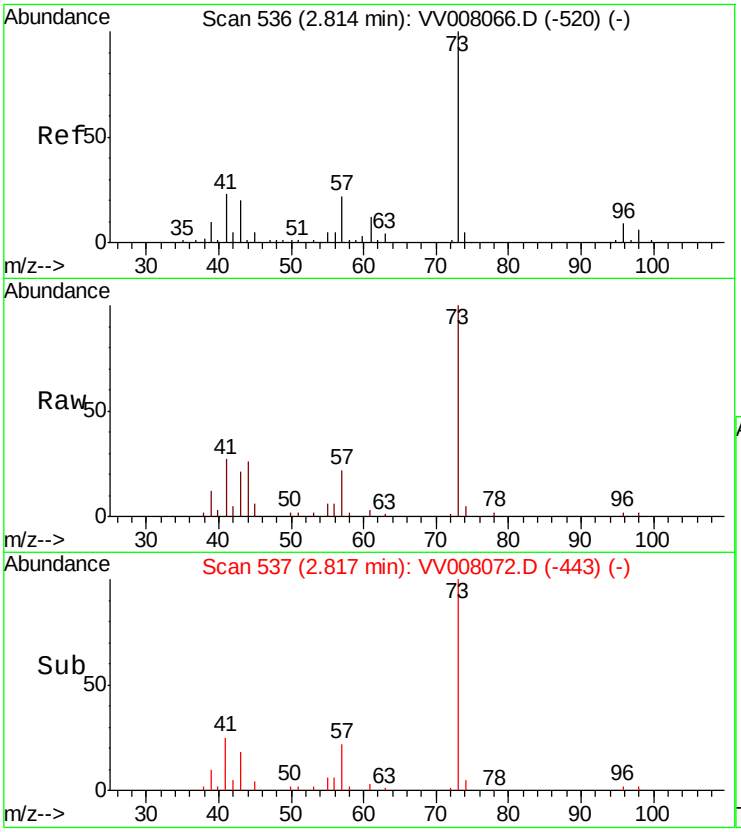


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.758 ug/L
RT: 2.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Tgt Ion:101 Resp: 4479

Ion	Ratio	Lower	Upper
101	100		
85	40.1	34.7	52.1
151	88.6	72.2	108.2



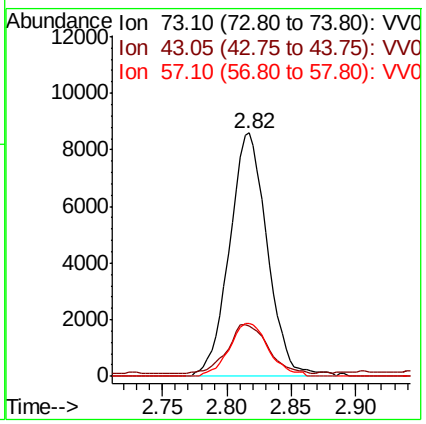


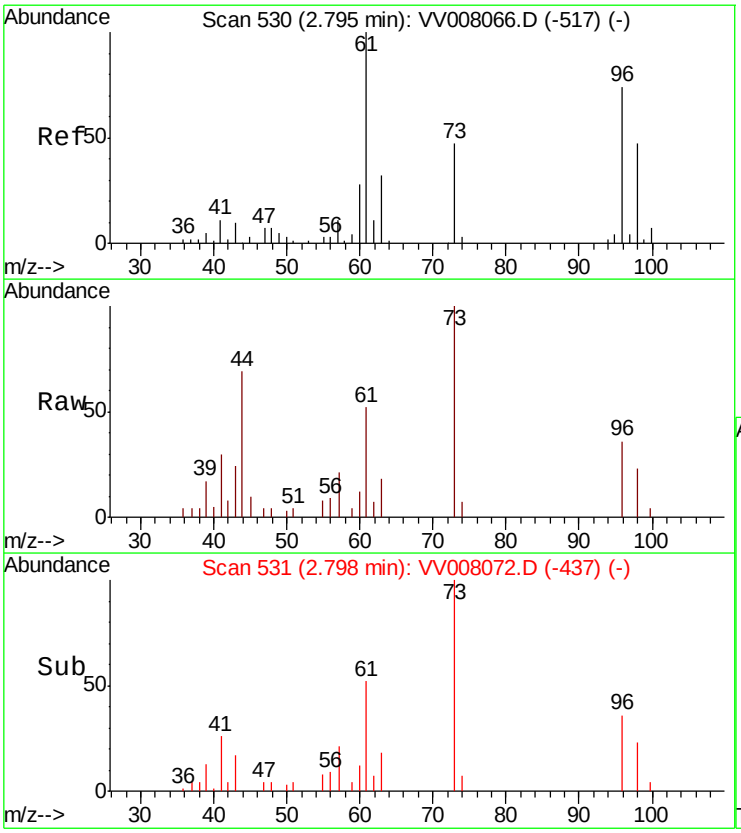
#17
Methyl tert-butyl Ether
Concen: 1.345 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Instrument : MSVOA_V
ClientSampleId : C0J90

Tgt Ion: 73 Resp: 17541

Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.8	25.2
57	22.6	17.6	26.4

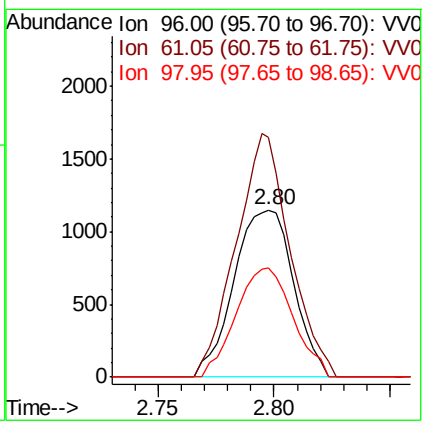


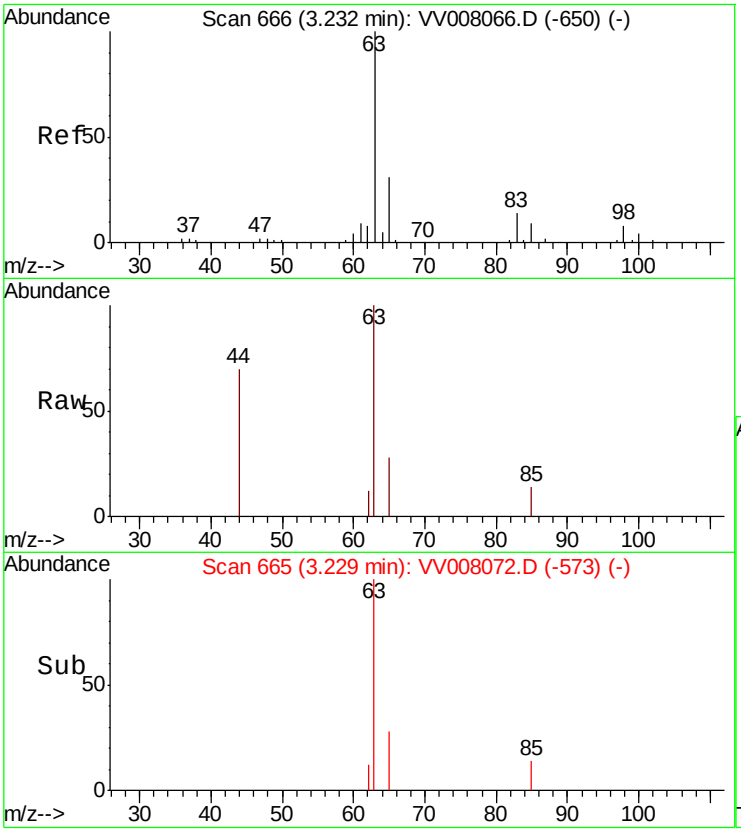


#18
trans-1,2-Dichloroethene
Concen: 0.351 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Tgt Ion: 96 Resp: 2044

Ion	Ratio	Lower	Upper
96	100		
61	143.0	94.2	175.0
98	64.9	44.9	83.5



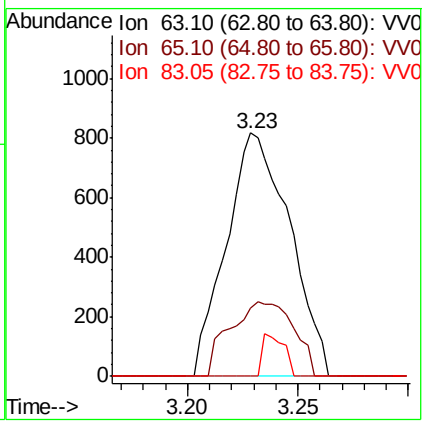


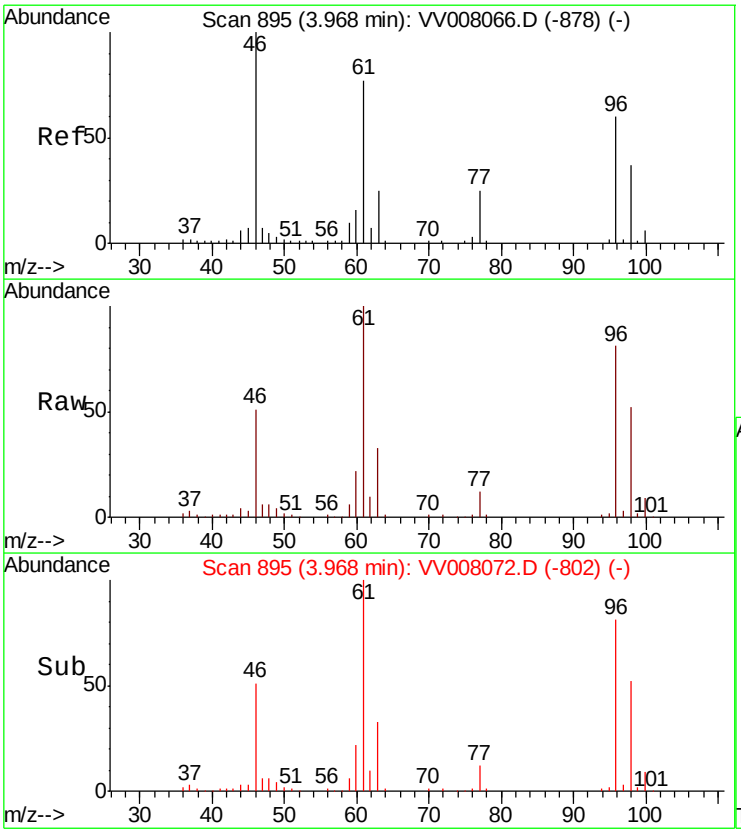
#19
1,1-Dichloroethane
Concen: 0.164 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Instrument : MSVOA_V
ClientSampleId : C0J90

Tgt Ion: 63 Resp: 1628

Ion	Ratio	Lower	Upper
63	100		
65	28.2	22.3	41.5
83	0.0	9.8	18.2#

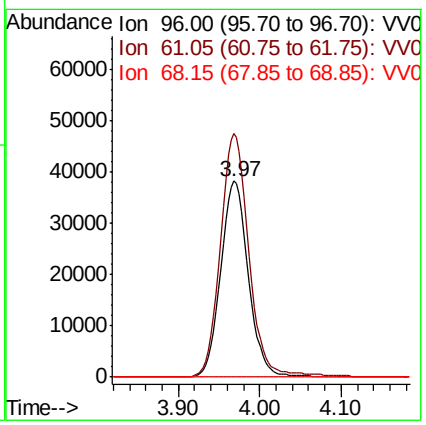


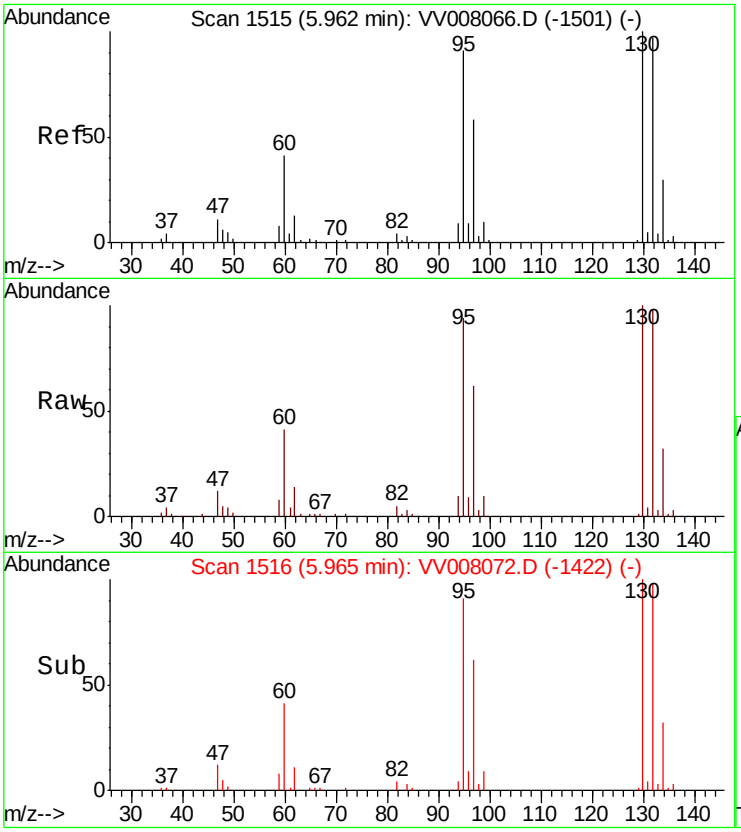


#22
cis-1,2-Dichloroethene
Concen: 15.540 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Tgt Ion: 96 Resp: 91547

Ion	Ratio	Lower	Upper
96	100		
61	124.1	89.5	166.1
68	0.0	0.0	0.0



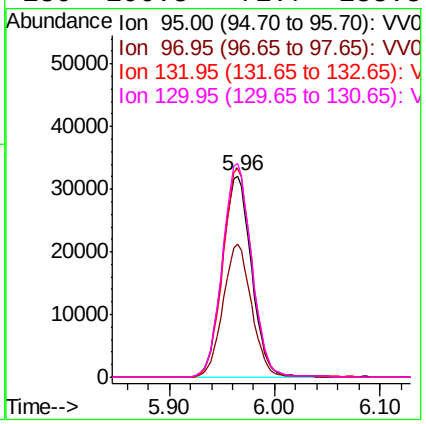


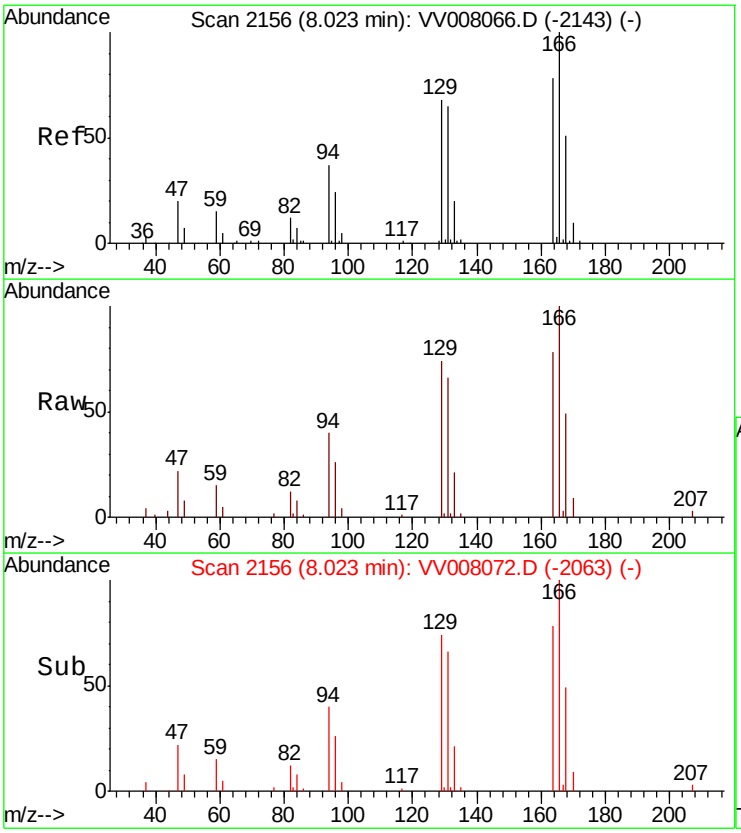
#34
Trichloroethene
Concen: 10.027 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Instrument :
MSVOA_V
ClientSampleId :
C0J90

Tgt Ion: 95 Resp: 61899

Ion	Ratio	Lower	Upper
95	100		
97	66.2	43.6	81.0
132	103.7	69.9	129.9
130	106.3	71.7	133.3

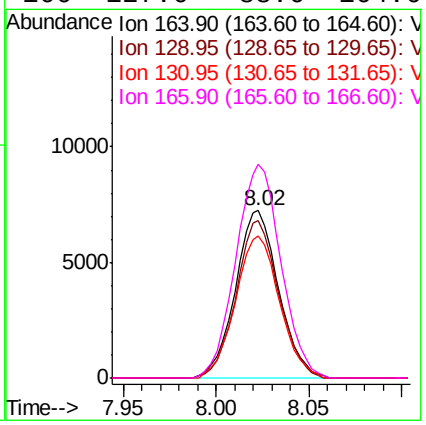


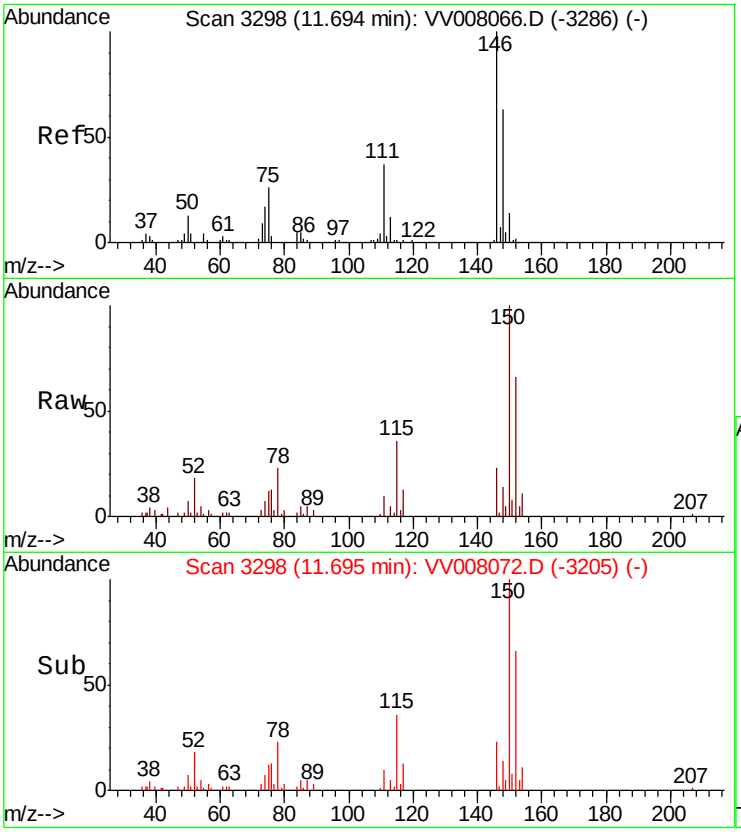


#47
Tetrachloroethene
Concen: 2.041 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Tgt Ion:164 Resp: 11674

Ion	Ratio	Lower	Upper
164	100		
129	94.3	59.2	110.0
131	84.8	57.1	106.1
166	127.6	88.6	164.6





#65
1,2-Dichlorobenzene
Concen: 0.263 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008072.D
Acq: 04 Oct 2018 20:07

Instrument :
MSVOA_V
ClientSampleId :
C0J90

Tgt Ion:146 Resp: 3072

Ion	Ratio	Lower	Upper
146	100		
111	44.8	31.2	46.8
148	60.6	50.3	75.5