Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Data File : VV008062.D
Acq On : 04 Oct 2018 15:00
Operator : SY/MD
Sample : J5246-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J72

Quant Time: Oct 05 05:45:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84778	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39846	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	19367	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.59	69	18260	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.14	63	31968	3.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.20%			
20) 2-Butanone-d5	3.96	46	72487	53.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.06%			
24) Chloroform-d	4.41	84	50525	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.09	65	27157	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.10	84	94663	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.12	67	31121	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.36	98	86349	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	7.67	79	10152	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.14	63	48488	46.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.90%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22469	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	38102	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	2373	0.350	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3785	0.604	ug/L	90
17) Methyl tert-butyl Ether	2.82	73	19247	1.390	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	2758	0.446	ug/L	88
19) 1,1-Dichloroethane	3.23	63	1603	0.152	ug/L	89
22) cis-1,2-Dichloroethene	3.97	96	91579	14.642	ug/L	99
34) Trichloroethene	5.96	95	52796	7.934	ug/L	96
42) Toluene	7.44	91	13208	0.522	ug/L	95
47) Tetrachloroethene	8.02	164	8839	1.433	ug/L	95
53) m,p-xylene	9.19	106	1855	0.173	ug/L	78
54) o-xylene	9.59	106	1454	0.140	ug/L	91
65) 1,2-Dichlorobenzene	11.69	146	2439	0.197	ug/L #	93

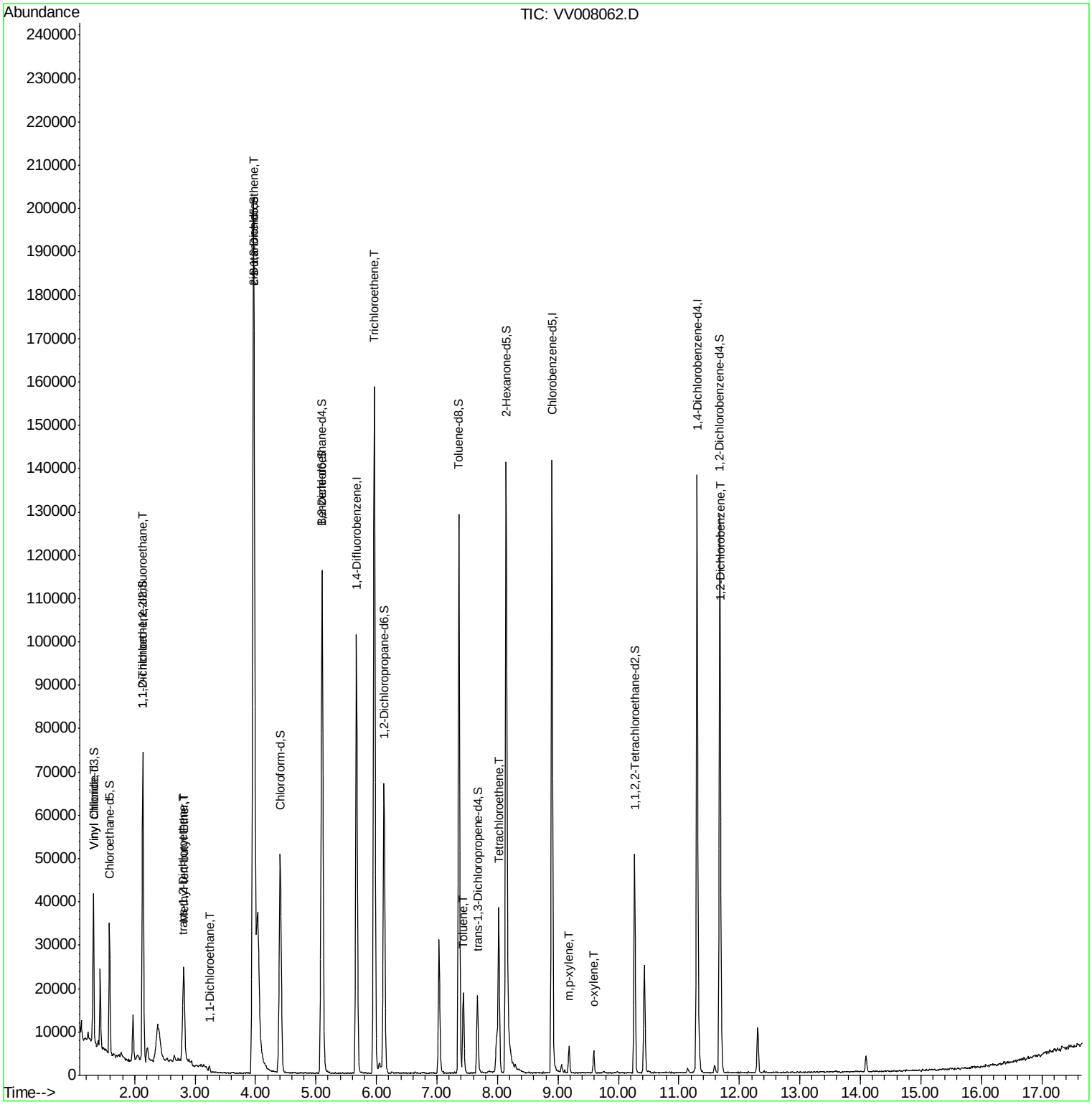
(#) = qualifier out of range (m) = manual integration (+) = signals summed

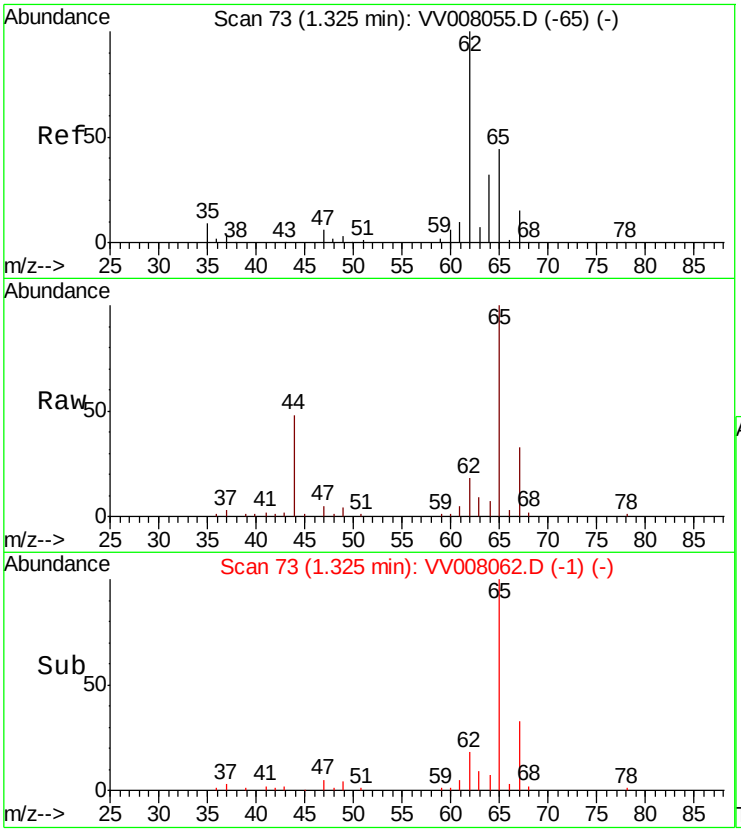
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Data File : VV008062.D
Acq On : 04 Oct 2018 15:00
Operator : SY/MD
Sample : J5246-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J72

Quant Time: Oct 05 05:45:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration



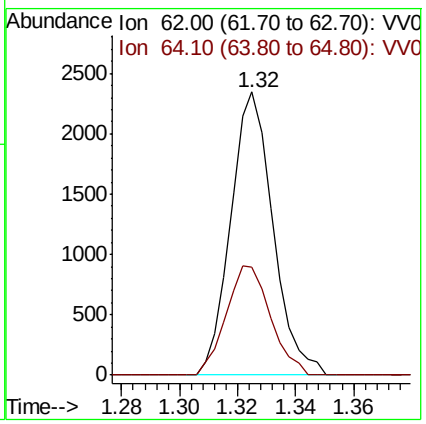


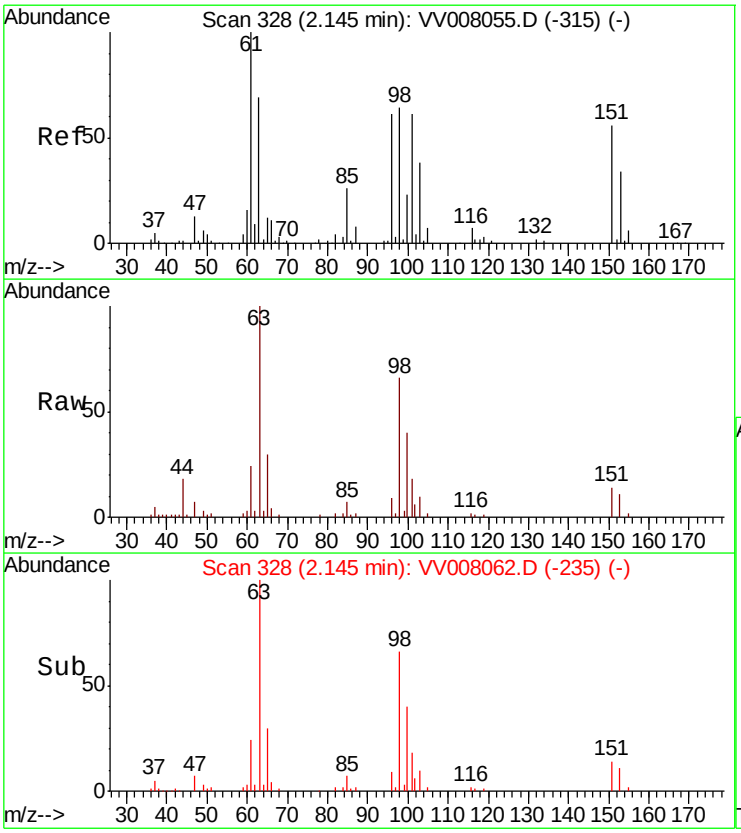
#5
Vinyl chloride
Concen: 0.350 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Instrument :
MSVOA_V
ClientSampleId :
C0J72

Tgt Ion: 62 Resp: 2373

Ion	Ratio	Lower	Upper
62	100		
64	38.3	24.0	44.6

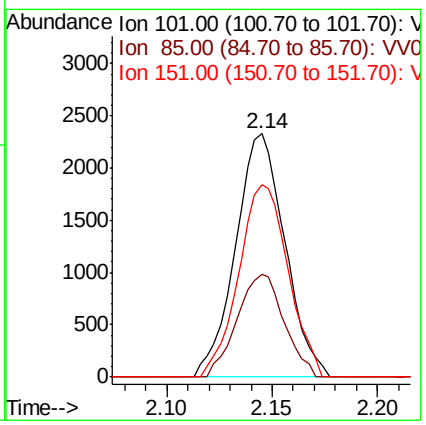


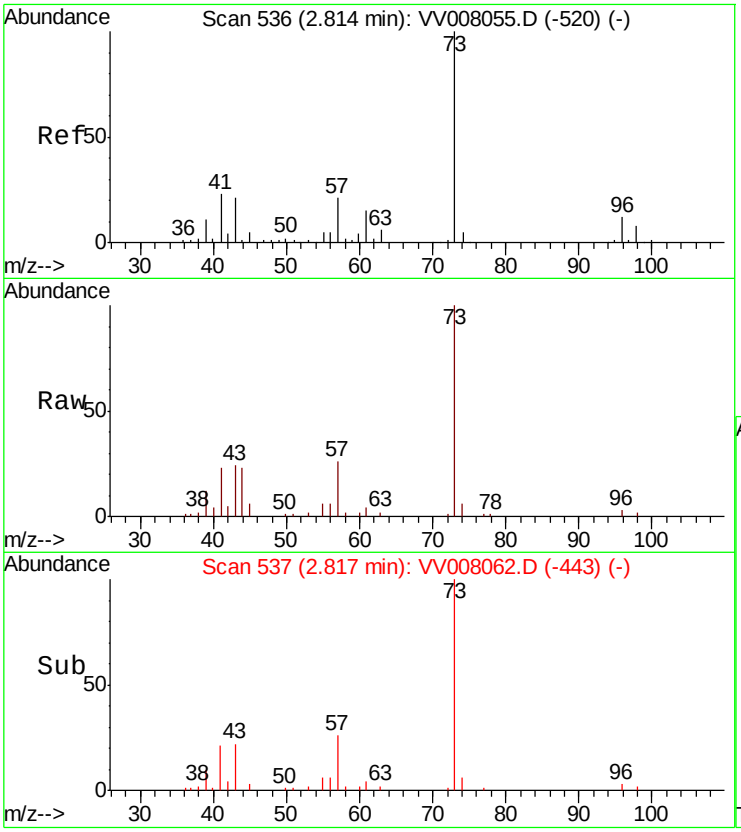


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.604 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Tgt Ion:101 Resp: 3785

Ion	Ratio	Lower	Upper
101	100		
85	40.0	34.7	52.1
151	79.2	72.2	108.2



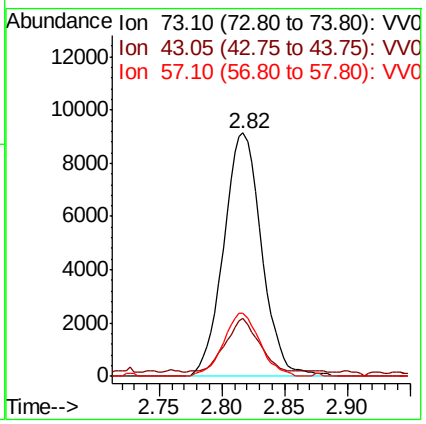


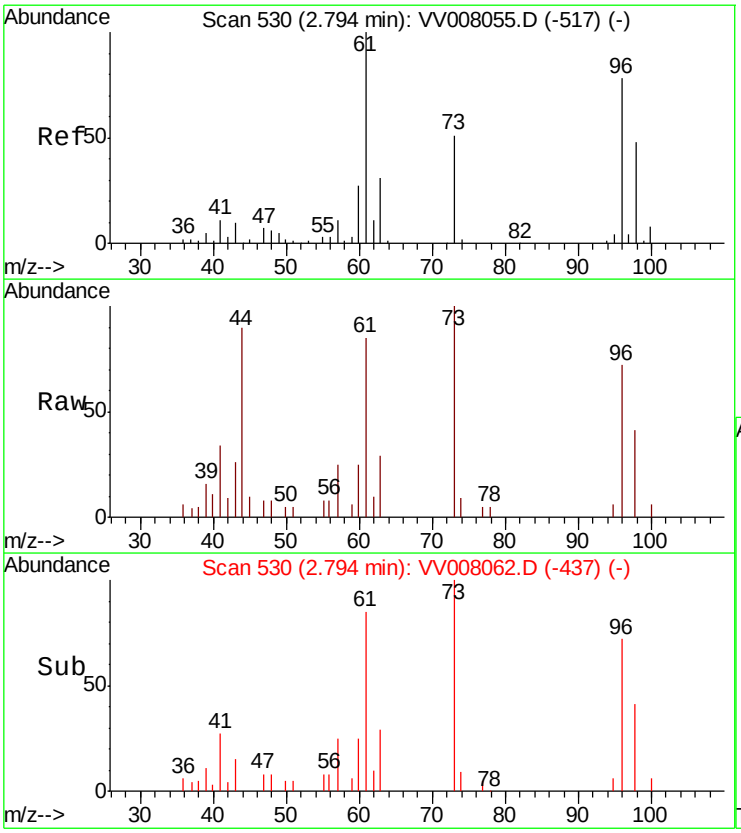
#17
Methyl tert-butyl Ether
Concen: 1.390 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Instrument : MSVOA_V
ClientSampleId : C0J72

Tgt Ion: 73 Resp: 19247

Ion	Ratio	Lower	Upper
73	100		
43	19.1	16.8	25.2
57	24.9	17.6	26.4

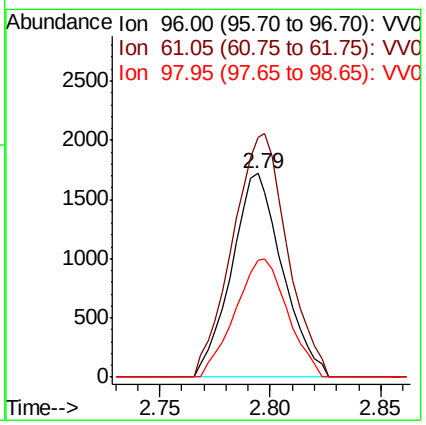


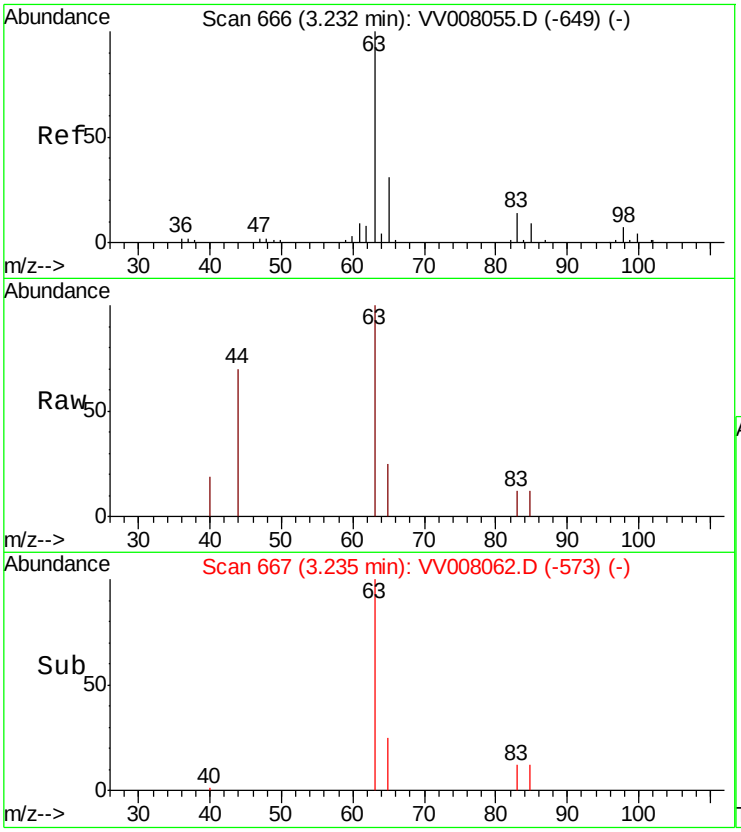


#18
trans-1,2-Dichloroethene
Concen: 0.446 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Tgt Ion: 96 Resp: 2758

Ion	Ratio	Lower	Upper
96	100		
61	118.2	94.2	175.0
98	57.3	44.9	83.5



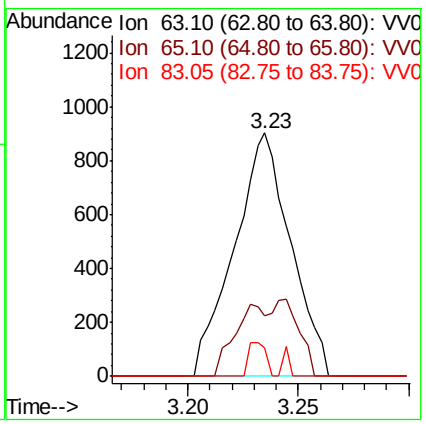


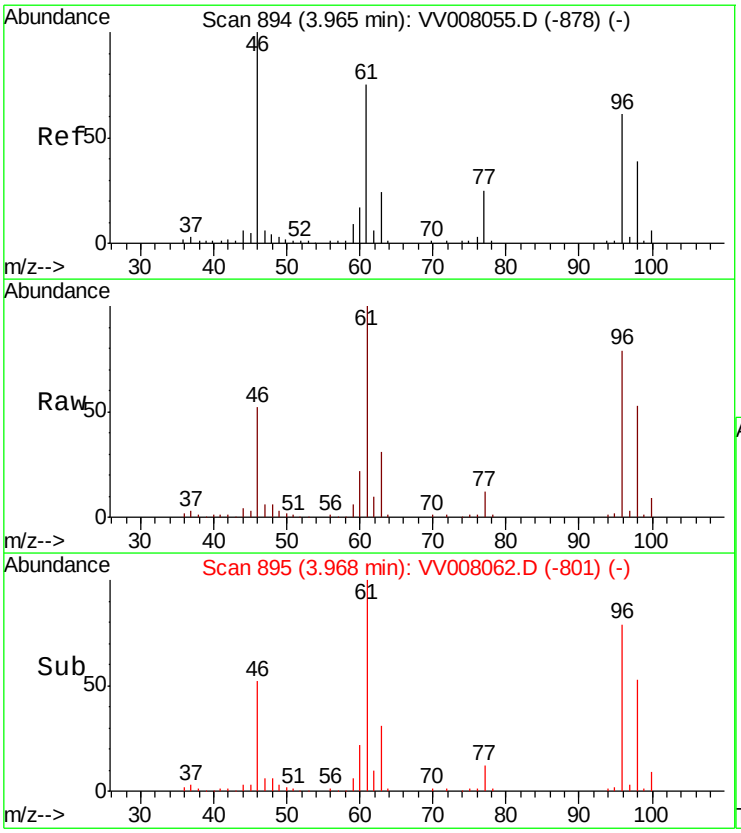
#19
1,1-Dichloroethane
Concen: 0.152 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Instrument : MSVOA_V
ClientSampleId : C0J72

Tgt Ion: 63 Resp: 1603

Ion	Ratio	Lower	Upper
63	100		
65	24.7	22.3	41.5
83	11.7	9.8	18.2

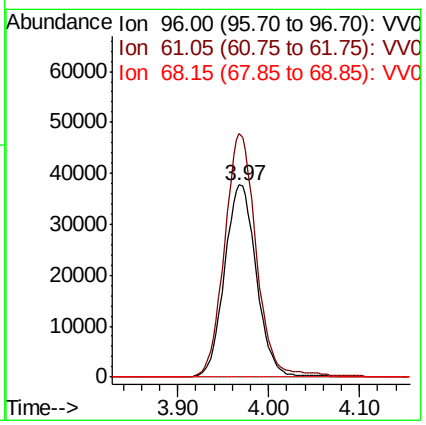


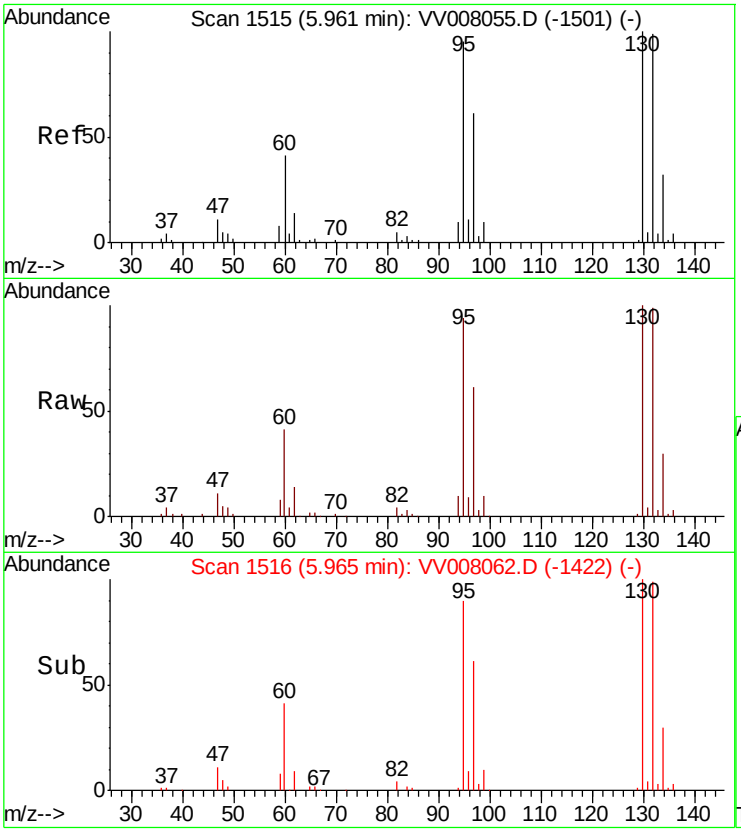


#22
cis-1,2-Dichloroethene
Concen: 14.642 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Tgt Ion: 96 Resp: 91579

Ion	Ratio	Lower	Upper
96	100		
61	126.7	89.5	166.1
68	0.0	0.0	0.0



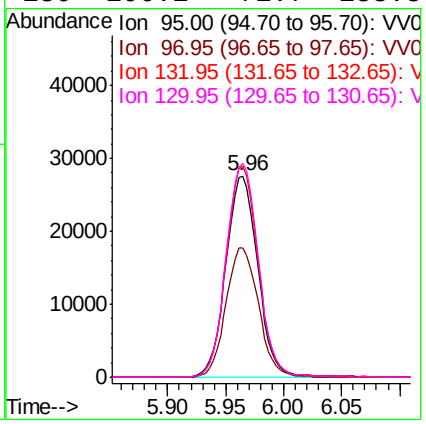


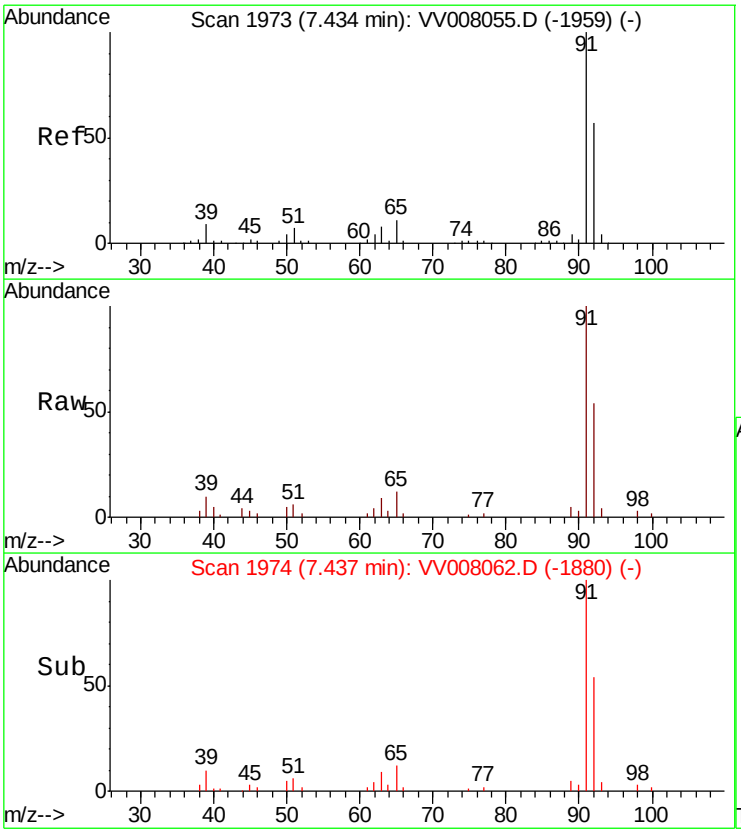
#34
Trichloroethene
Concen: 7.934 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Instrument : MSVOA_V
ClientSampleId : C0J72

Tgt Ion: 95 Resp: 52796

Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.6	81.0
132	105.0	69.9	129.9
130	106.1	71.7	133.3

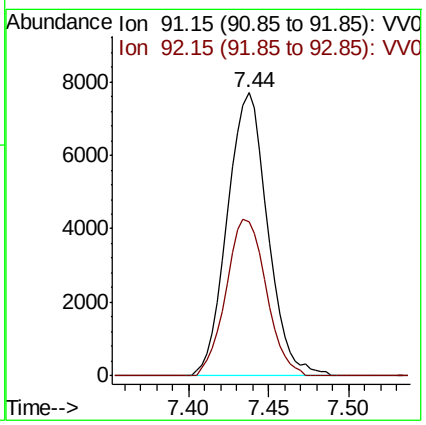


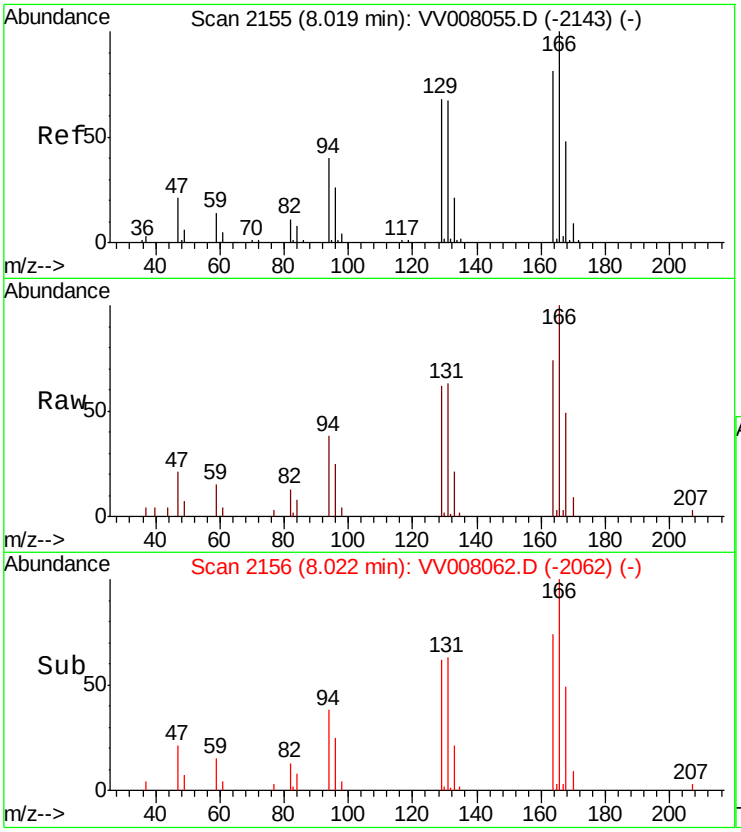


#42
Toluene
Concen: 0.522 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Tgt Ion: 91 Resp: 13208

Ion	Ratio	Lower	Upper
91	100		
92	54.4	40.8	75.8



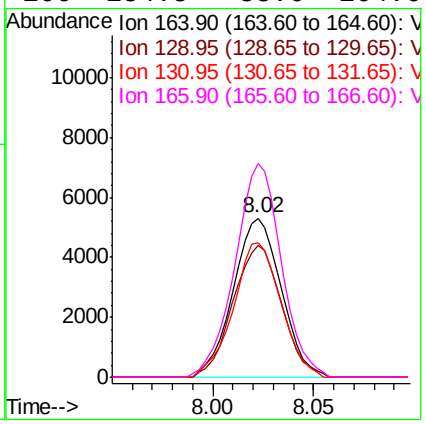


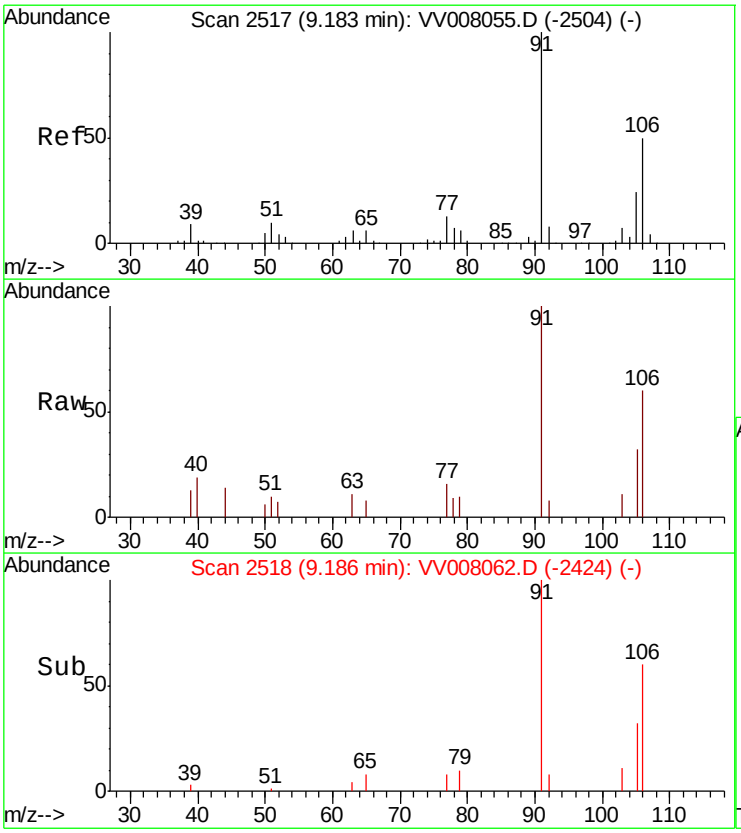
#47
Tetrachloroethene
Concen: 1.433 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Instrument : MSVOA_V
ClientSampleId : C0J72

Tgt Ion:164 Resp: 8839

Ion	Ratio	Lower	Upper
164	100		
129	82.8	59.2	110.0
131	85.0	57.1	106.1
166	134.5	88.6	164.6

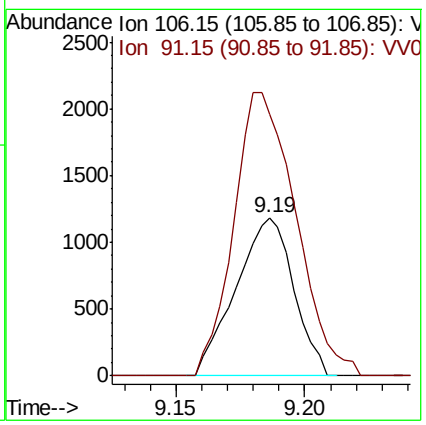


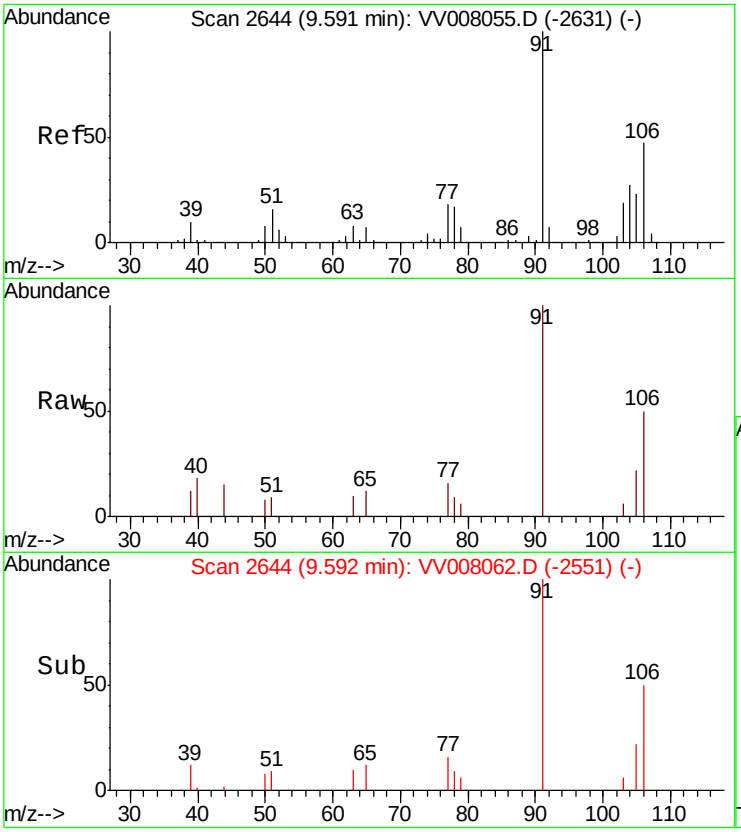


#53
m,p-xylene
Concen: 0.173 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Tgt Ion:106 Resp: 1855

Ion	Ratio	Lower	Upper
106	100		
91	165.9	139.4	258.8



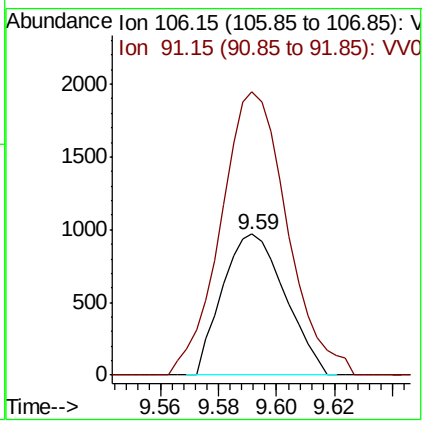


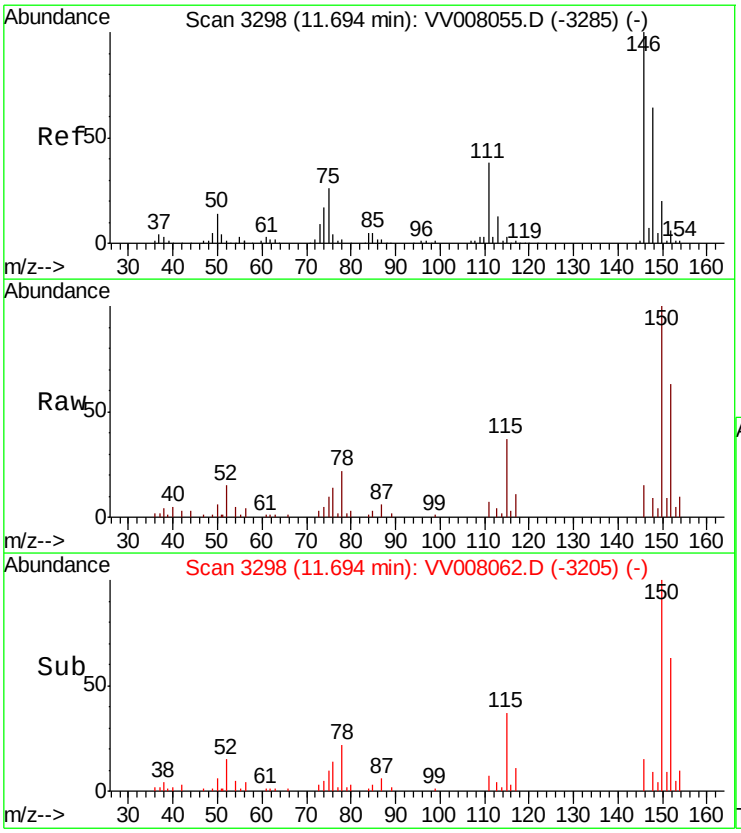
#54
o-xylene
Concen: 0.140 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Instrument :
MSVOA_V
ClientSampleId :
C0J72

Tgt Ion:106 Resp: 1454

Ion	Ratio	Lower	Upper
106	100		
91	201.0	150.1	278.9





#65
1,2-Dichlorobenzene
Concen: 0.197 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008062.D
Acq: 04 Oct 2018 15:00

Tgt Ion:146 Resp: 2439

Ion	Ratio	Lower	Upper
146	100		
111	50.1	31.2	46.8#
148	62.9	50.3	75.5