Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006662.D
Acq On : 20 Jul 2018 12:49
Operator : SY/MD
Sample : J3983-04MS
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB170MS

Quant Time: Jul 26 02:35:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104318	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	80810	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.58	69	62969	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.13	63	156805	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	3.95	46	145380	37.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.24%			
24) Chloroform-d	4.41	84	136957	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
26) 1,2-Dichloroethane-d4	5.09	65	65461	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.10	84	292621	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.12	67	90785	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.36	98	258588	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
43) trans-1,3-Dichloropropene-	7.67	79	24993	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
46) 2-Hexanone-d5	8.14	63	131155	39.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.96%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61341	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	89995	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	161305	6.05	ug/L #	42
12) 1,1-Dichloroethene	2.14	96	90295	4.75	ug/L	97
13) Acetone	2.19	43	3588	1.19	ug/L	94
14) Carbon disulfide	2.32	76	14507	0.24	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	219159	10.45	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	517195	23.56	ug/L	98
33) Benzene	5.15	78	385805	4.70	ug/L	100
34) Trichloroethene	5.96	95	267257	12.88	ug/L	100
42) Toluene	7.44	91	400577	4.73	ug/L	100
51) Chlorobenzene	8.93	112	260953	4.74	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	11300	0.29	ug/L	96

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

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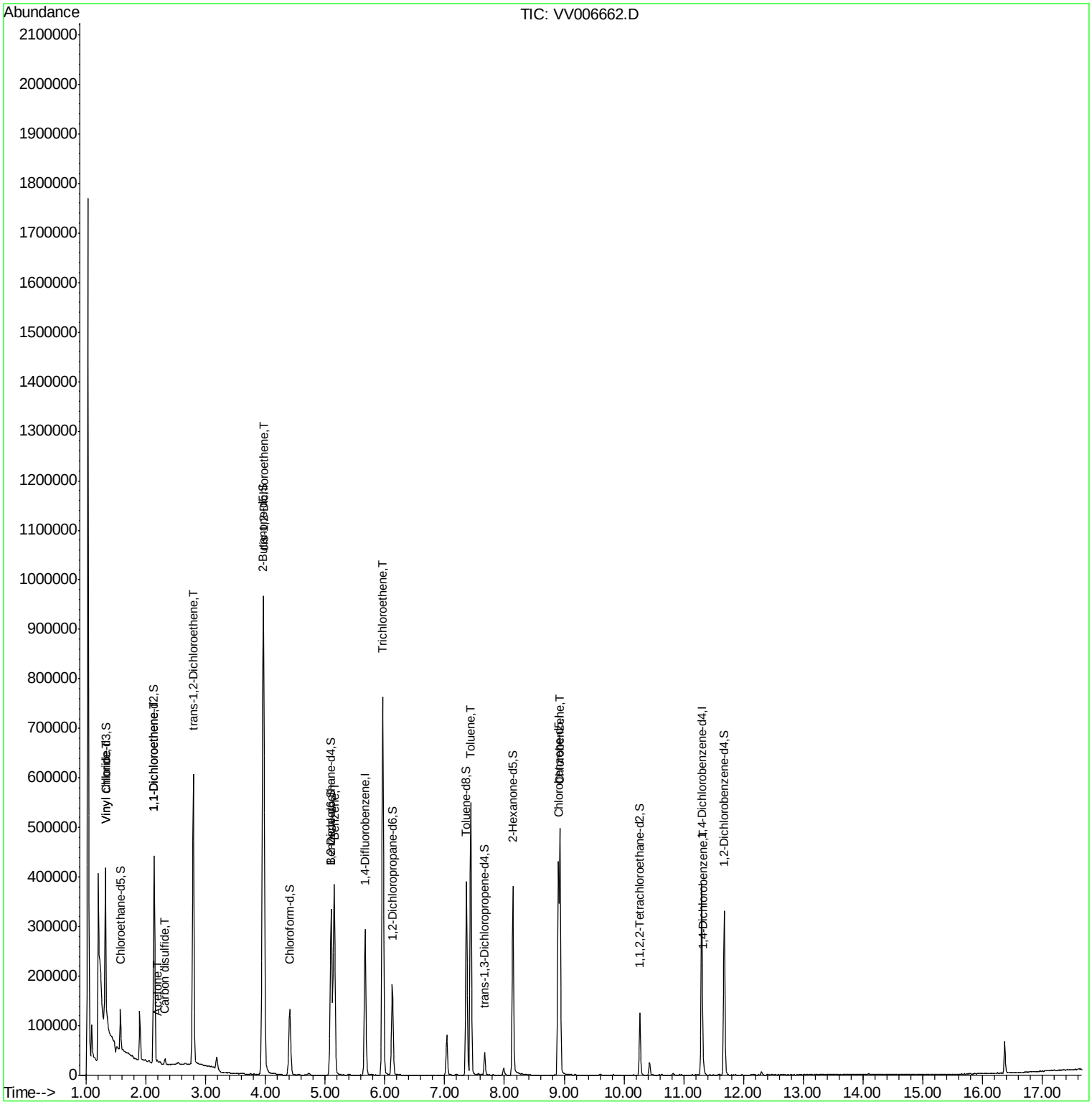
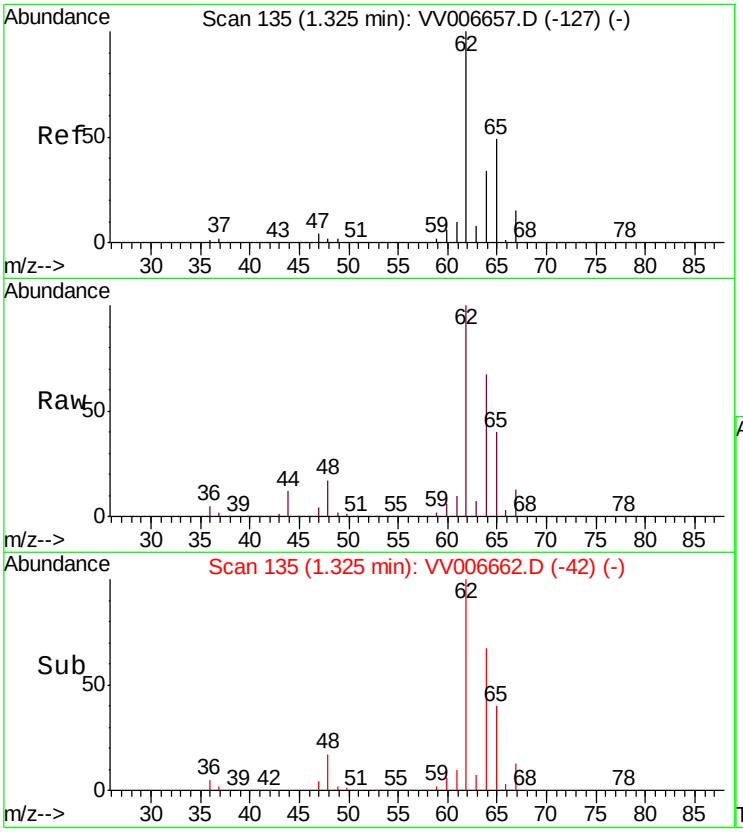
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration



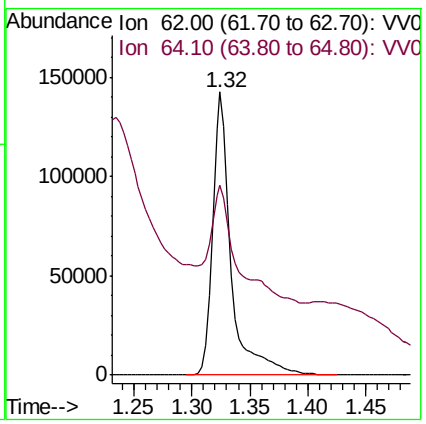


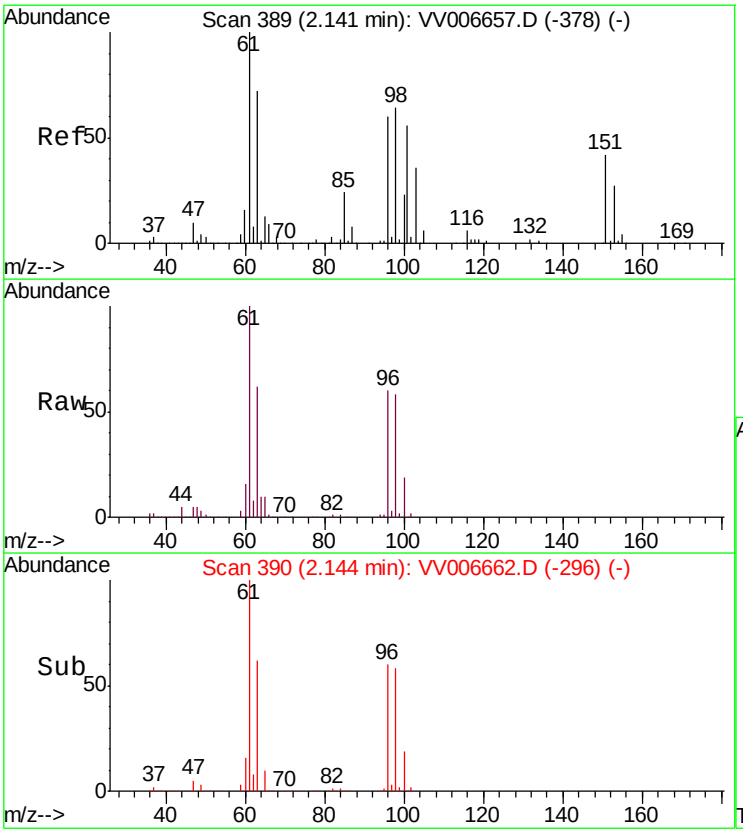
#5
Vinyl chloride
Concen: 6.05 ug/L
RT: 1.32 min Scan# 135
Delta R.T. -0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
DB170MS

Tgt Ion: 62 Resp: 161305

Ion	Ratio	Lower	Upper
62	100		
64	67.1	23.7	44.1#

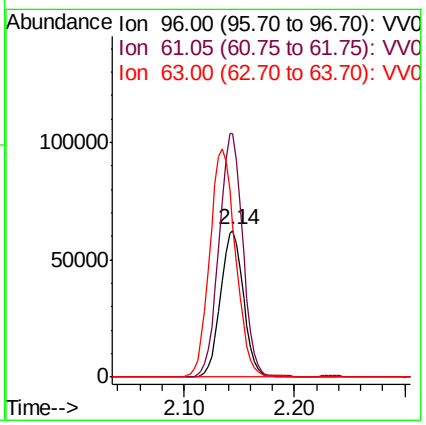


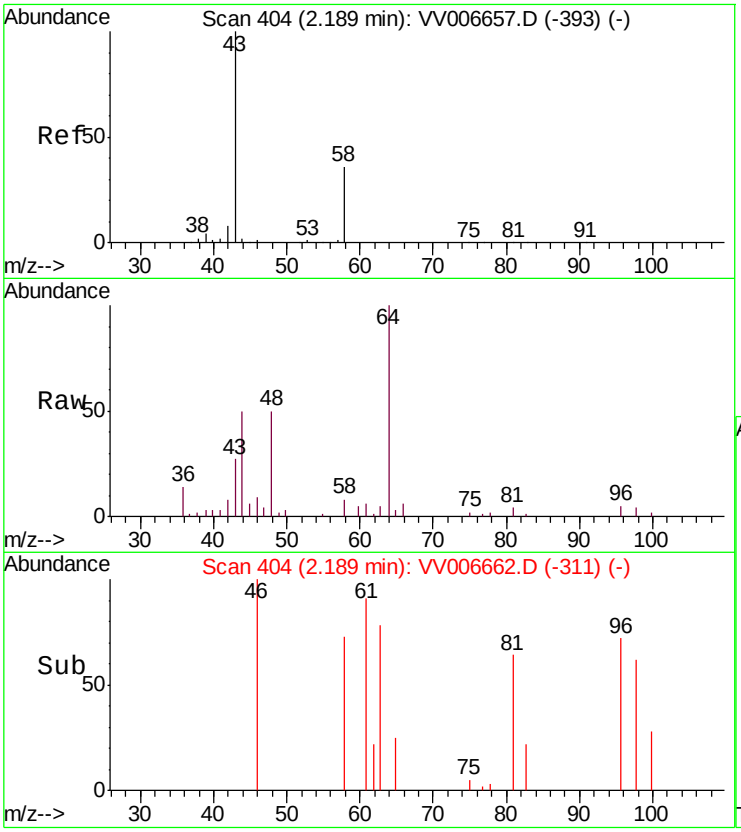


#12
1,1-Dichloroethene
Concen: 4.75 ug/L
RT: 2.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Tgt Ion: 96 Resp: 90295

Ion	Ratio	Lower	Upper
96	100		
61	165.8	115.1	213.8
63	103.5	77.2	143.4



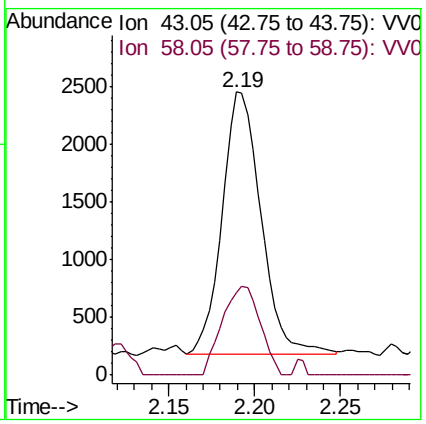


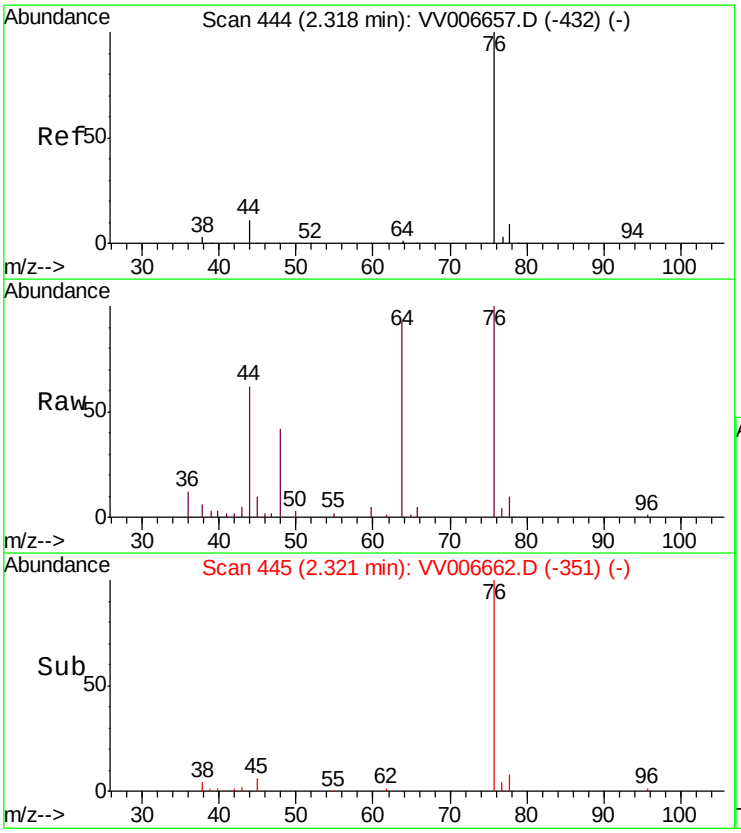
#13
Acetone
Concen: 1.19 ug/L
RT: 2.19 min Scan# 404
Delta R.T. -0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
DB170MS

Tgt Ion: 43 Resp: 3588

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	72.8

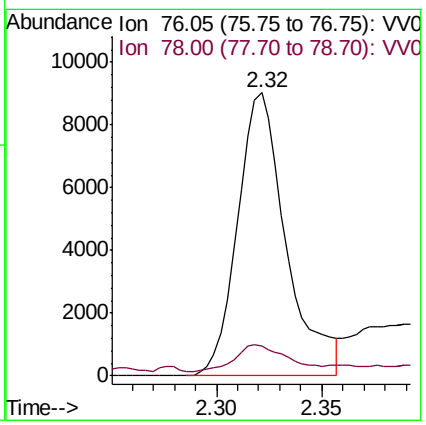


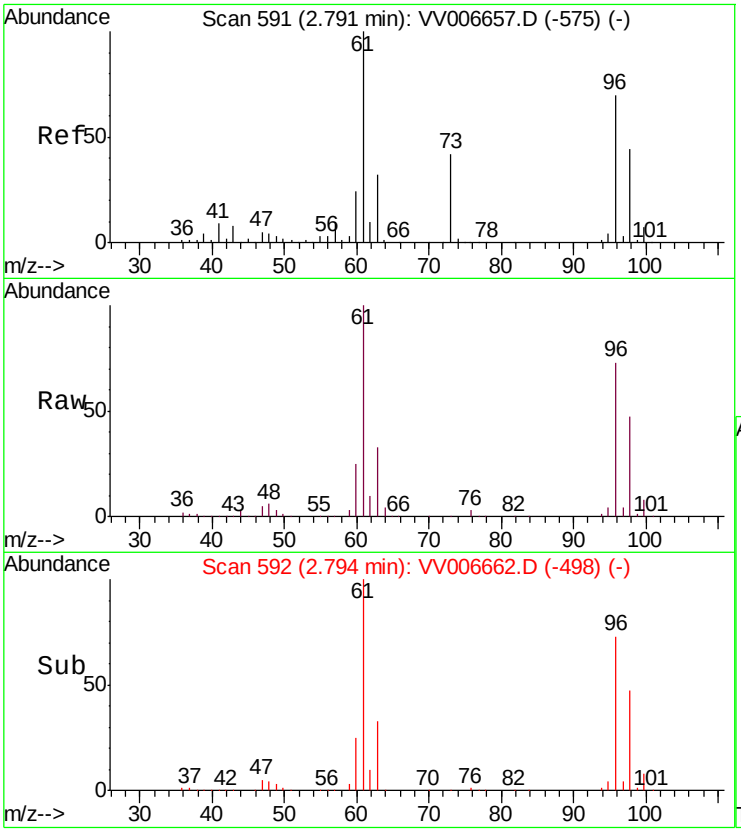


#14
Carbon disulfide
Concen: 0.24 ug/L
RT: 2.32 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Tgt Ion: 76 Resp: 14507

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.3	10.9



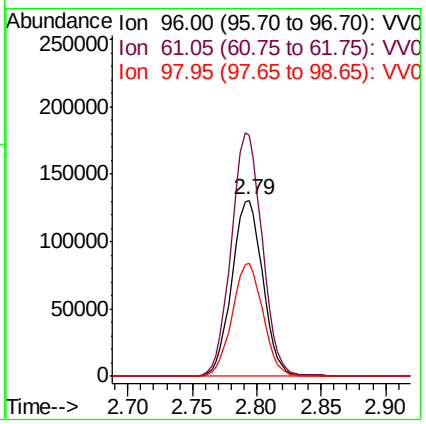


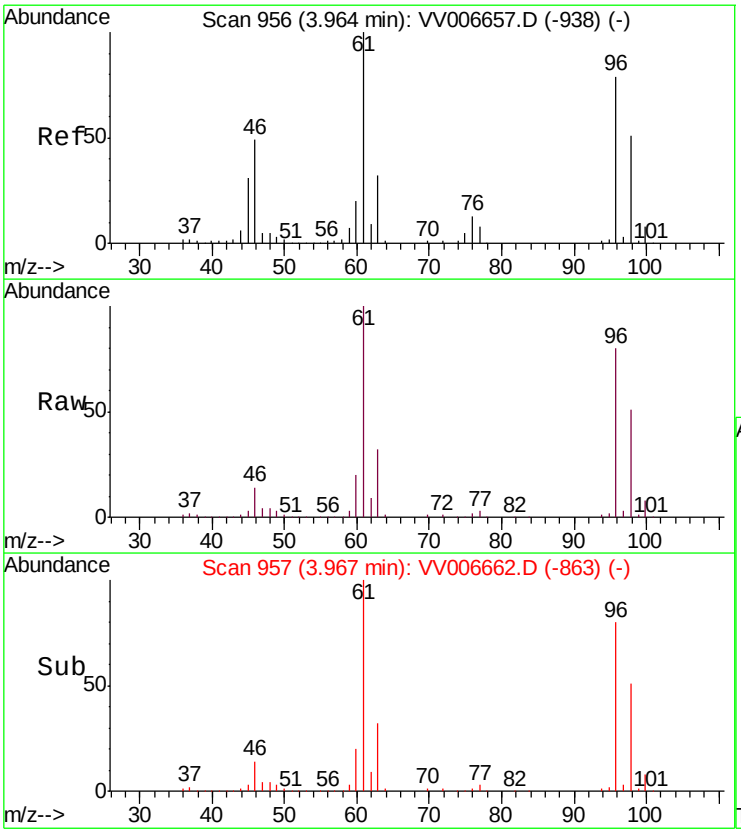
#18
trans-1,2-Dichloroethene
Concen: 10.45 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
DB170MS

Tgt Ion: 96 Resp: 219159

Ion	Ratio	Lower	Upper
96	100		
61	137.2	96.0	178.4
98	64.2	43.5	80.9

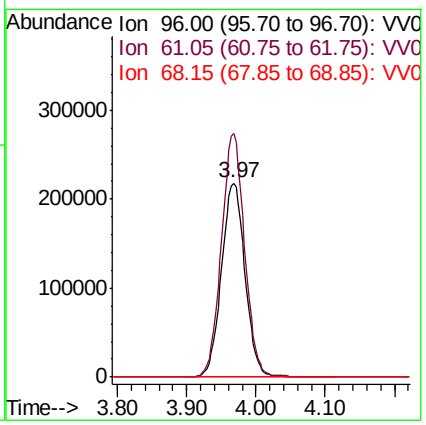


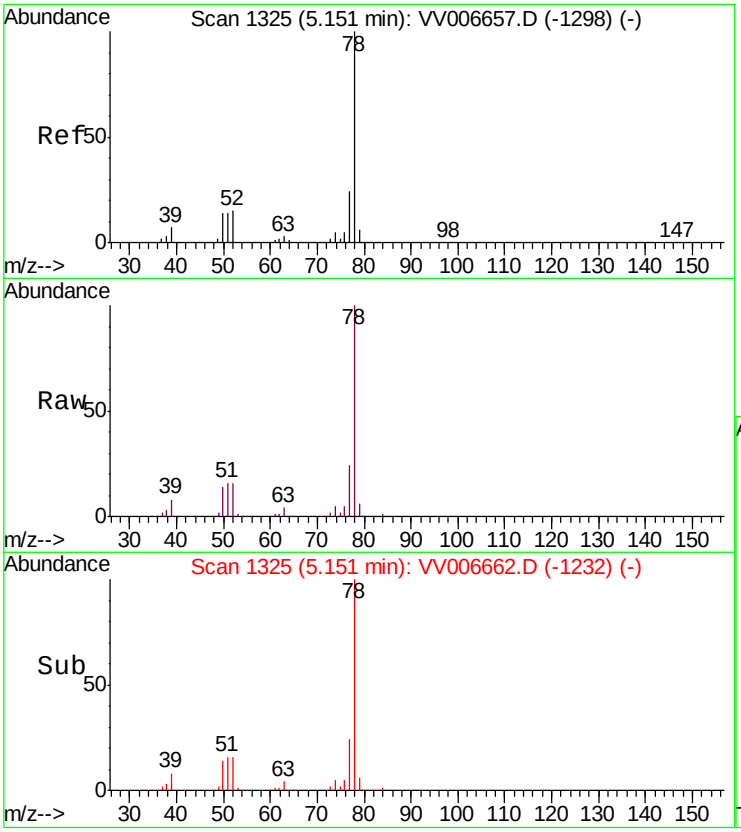


#22
cis-1,2-Dichloroethene
Concen: 23.56 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Tgt Ion: 96 Resp: 517195

Ion	Ratio	Lower	Upper
96	100		
61	125.4	86.2	160.0
68	0.0	0.0	0.0

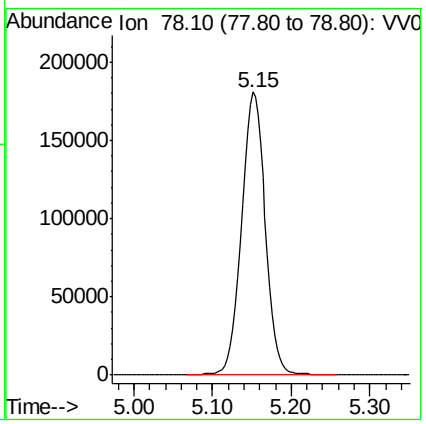


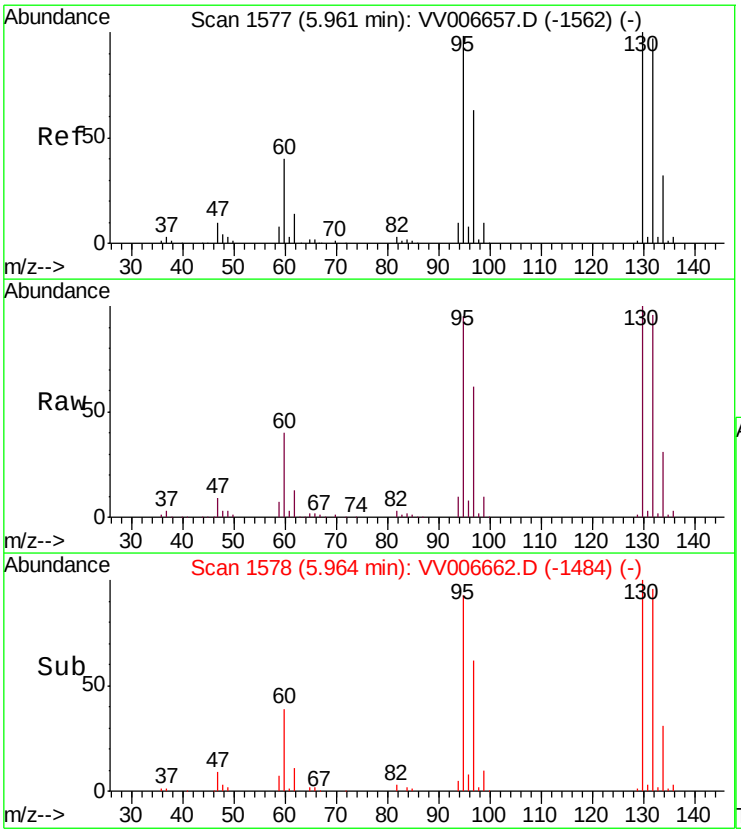


#33
Benzene
Concen: 4.70 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
DB170MS

Tgt Ion: 78 Resp: 385805

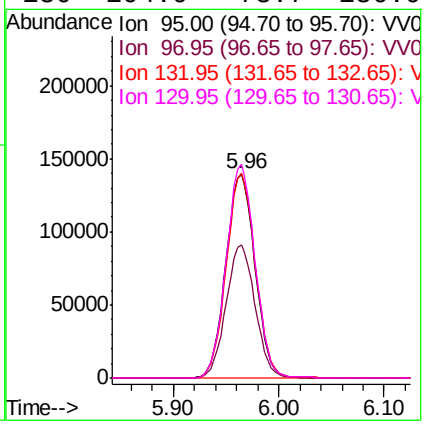


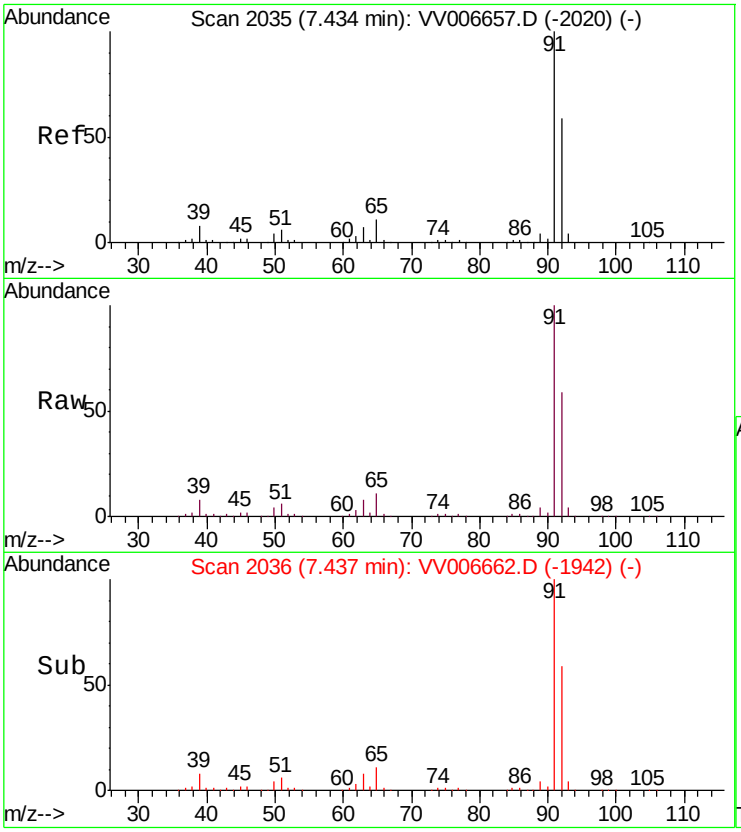


#34
Trichloroethene
Concen: 12.88 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Tgt Ion: 95 Resp: 267257

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.3	84.1
132	100.6	70.3	130.7
130	104.9	73.7	136.9



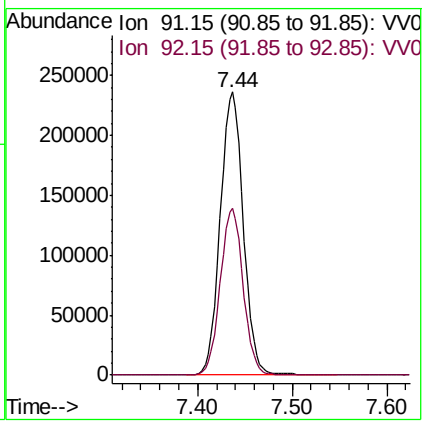


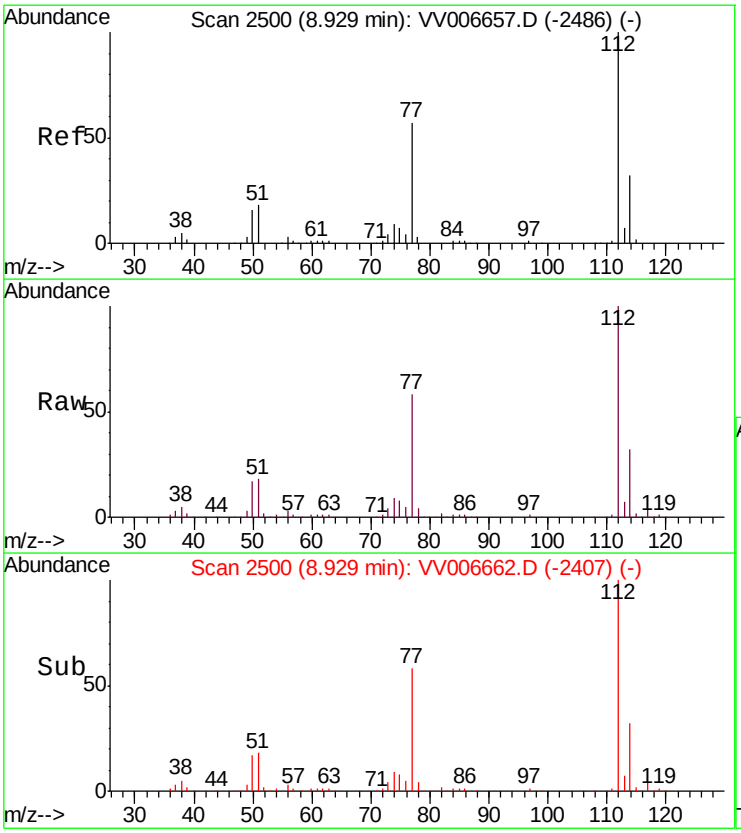
#42
Toluene
Concen: 4.73 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
DB170MS

Tgt Ion: 91 Resp: 400577

Ion	Ratio	Lower	Upper
91	100		
92	58.9	41.4	76.8

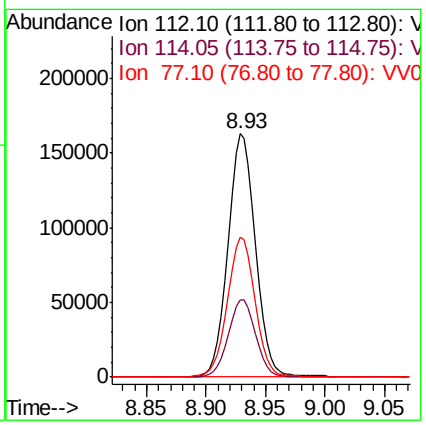


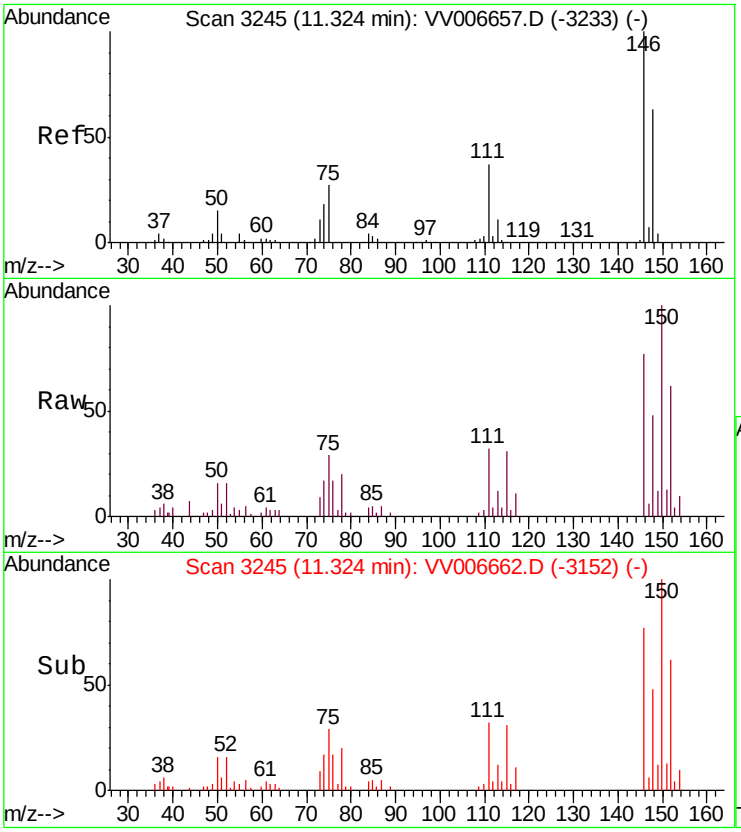


#51
Chlorobenzene
Concen: 4.74 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Tgt Ion:112 Resp: 260953

Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.8	40.4
77	57.7	46.6	69.8





#63
1,4-Dichlorobenzene
Concen: 0.29 ug/L
RT: 11.32 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VV006662.D
Acq: 20 Jul 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
DB170MS

Tgt Ion:146 Resp: 11300

Ion	Ratio	Lower	Upper
146	100		
111	41.4	26.0	48.4
148	62.3	44.6	82.8