Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
Data File : VV006653.D
Acq On : 19 Jul 2018 20:02
Operator : SY/MD
Sample : J3983-10DL 4X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB180DL

Quant Time: Jul 20 05:11:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	231967	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95806	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93426	5.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.80%			
7) Chloroethane-d5	1.58	69	64701	5.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.80%			
11) 1,1-Dichloroethene-d2	2.12	63	124422	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	3.97	46	177491	50.20	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.40%			
24) Chloroform-d	4.40	84	149089	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
26) 1,2-Dichloroethane-d4	5.09	65	70270	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
32) Benzene-d6	5.10	84	321986	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
36) 1,2-Dichloropropane-d6	6.12	67	99070	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.36	98	286421	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
43) trans-1,3-Dichloropropene-	7.67	79	30902	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.14	63	156726	50.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.92%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67530	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	99346	5.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.20%			

Target Compounds						Qvalue
3) Chloromethane	1.26	50	4034	0.216	ug/L #	52
5) Vinyl chloride	1.32	62	137561	5.710	ug/L #	9
6) Bromomethane	1.54	94	2204	0.323	ug/L	82
8) Chloroethane	1.75	64	7603	0.549	ug/L #	55
13) Acetone	2.21	43	2753	1.015	ug/L	46
15) Methyl Acetate	2.47	43	2533	0.318	ug/L	96
16) Methylene chloride	2.54	84	5226	0.242	ug/L	88
18) trans-1,2-Dichloroethene	2.79	96	66767	3.527	ug/L	99
35) Methylcyclohexane	6.12	83	23224	0.724	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9890	0.511	ug/L #	86
48) 2-Hexanone	8.14	43	17419	2.380	ug/L #	65

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
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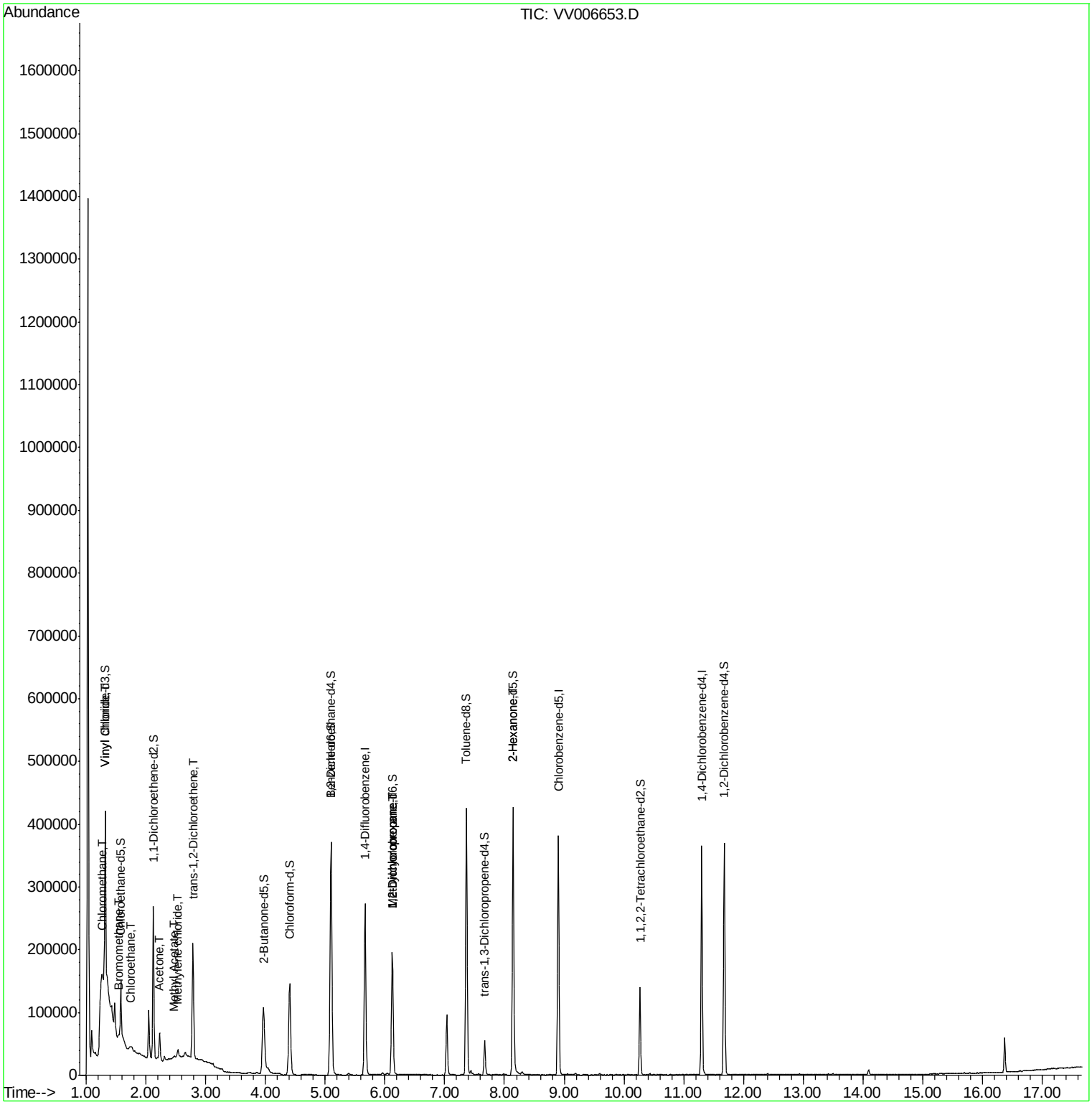
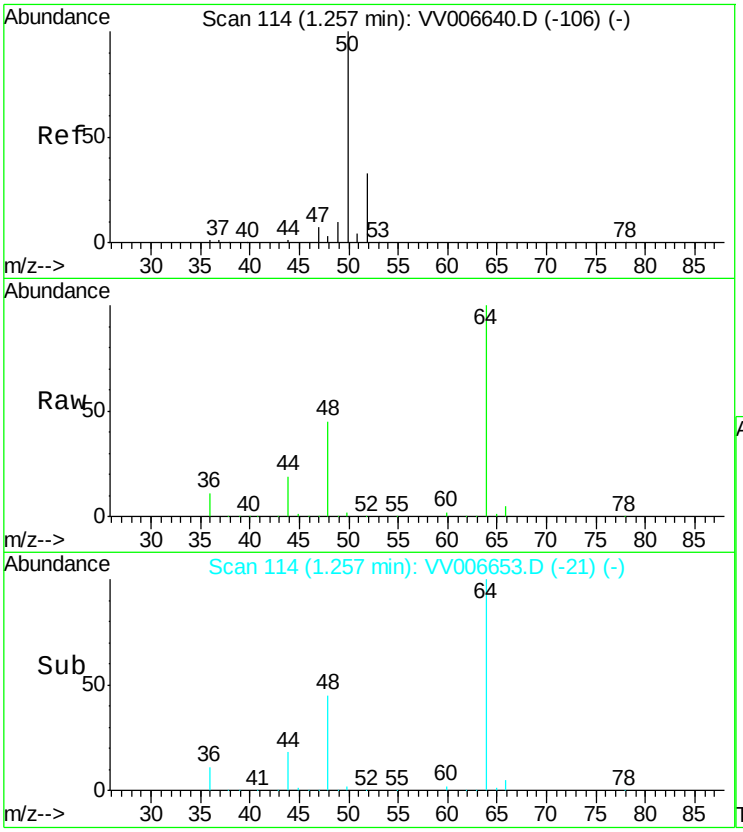


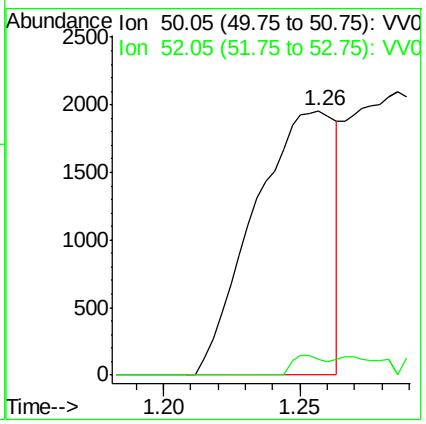


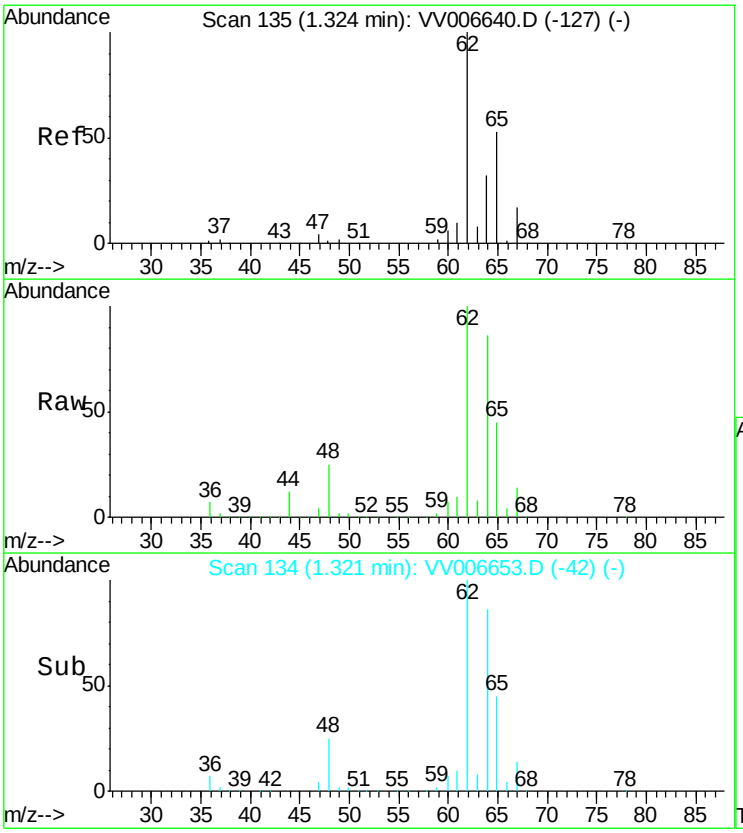
#3
Chloromethane
Concen: 0.216 ug/L
RT: 1.26 min Scan# 114
Delta R.T. -0.00 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Instrument :
MSVOA_V
ClientSampleId :
DB180DL

Tgt Ion: 50 Resp: 4034

Ion	Ratio	Lower	Upper
50	100		
52	5.9	23.2	43.0#

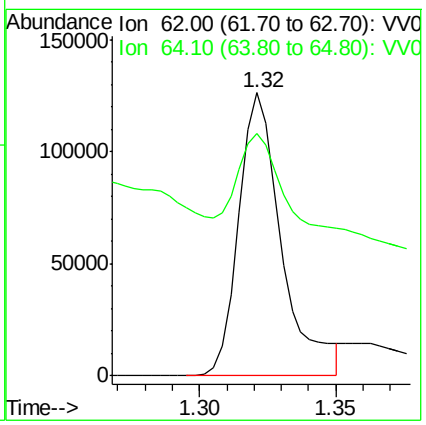


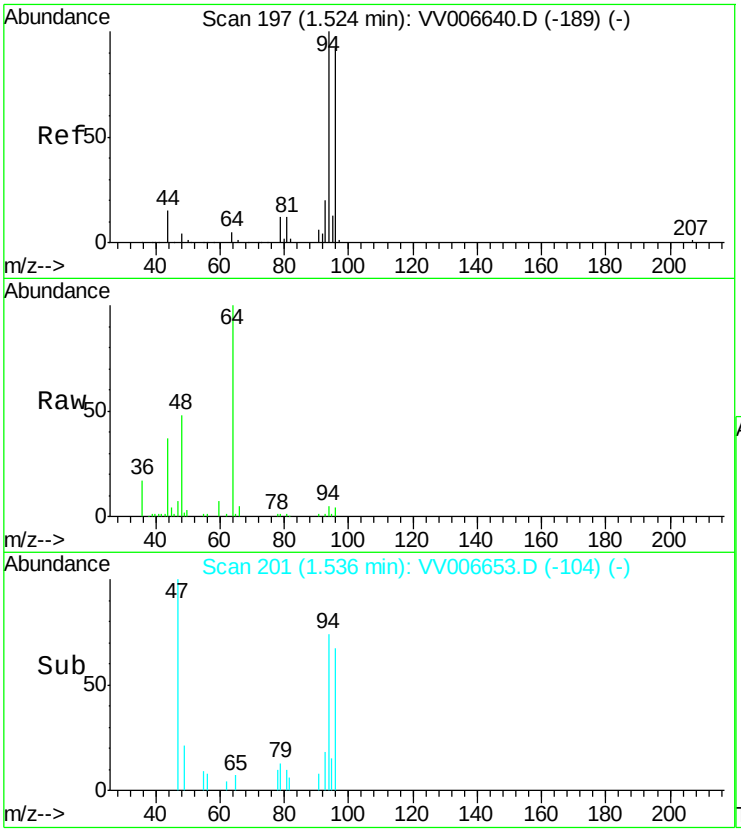


#5
Vinyl chloride
Concen: 5.710 ug/L
RT: 1.32 min Scan# 134
Delta R.T. -0.00 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Tgt Ion: 62 Resp: 137561

Ion	Ratio	Lower	Upper
62	100		
64	85.7	23.7	44.1#



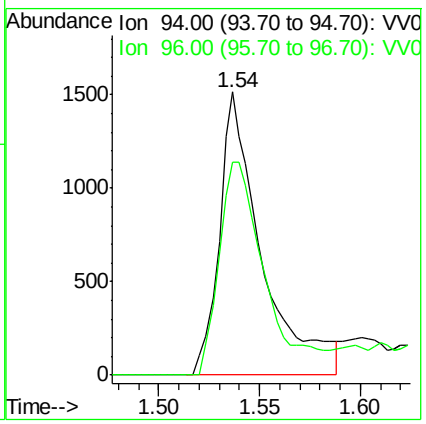


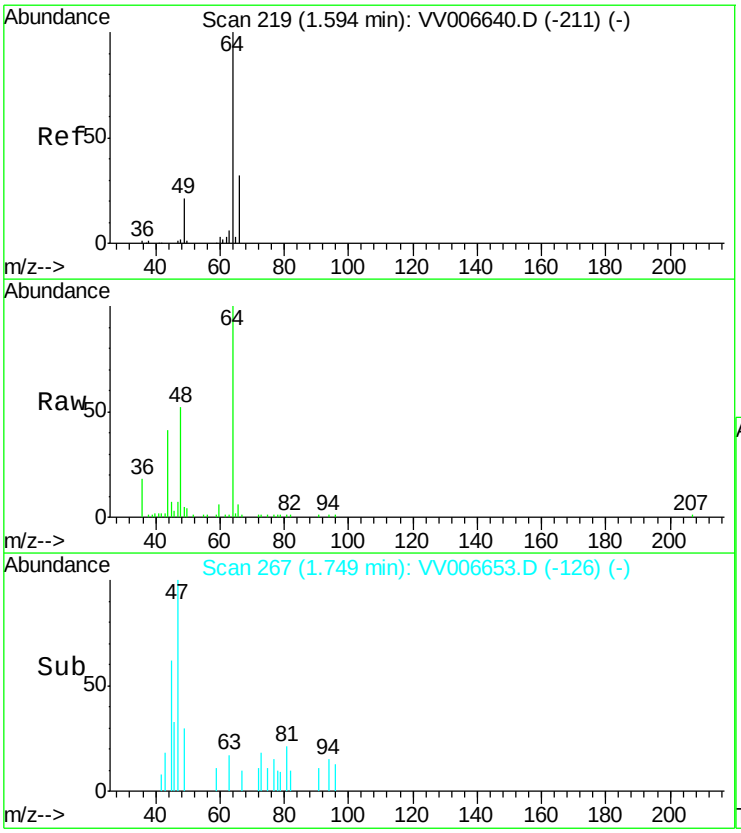
#6
Bromomethane
Concen: 0.323 ug/L
RT: 1.54 min Scan# 201
Delta R.T. 0.01 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Instrument :
MSVOA_V
ClientSampleId :
DB180DL

Tgt Ion: 94 Resp: 2204

Ion	Ratio	Lower	Upper
94	100		
96	75.1	64.5	119.7

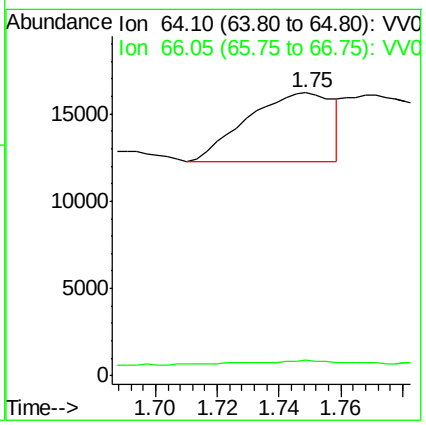


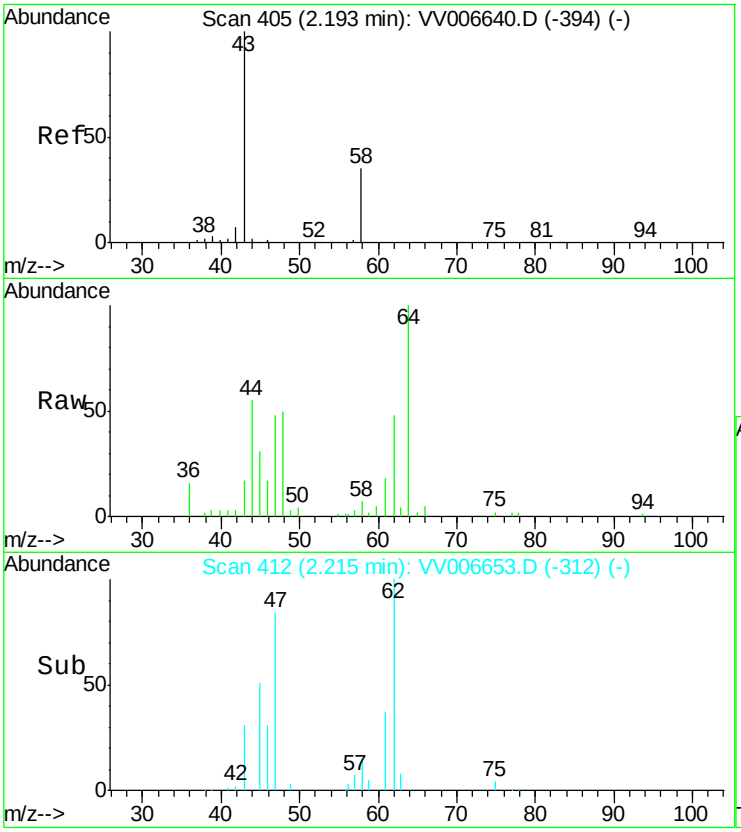


#8
Chloroethane
Concen: 0.549 ug/L
RT: 1.75 min Scan# 267
Delta R.T. 0.15 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Tgt Ion: 64 Resp: 7603

Ion	Ratio	Lower	Upper
64	100		
66	5.5	21.1	39.3#



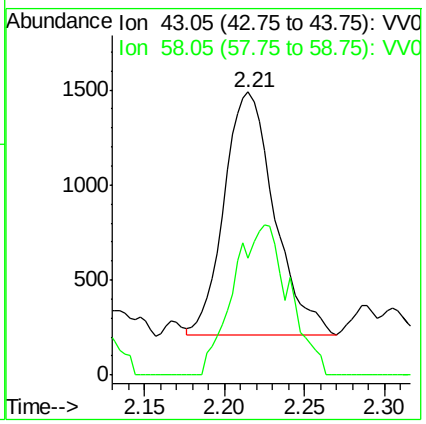


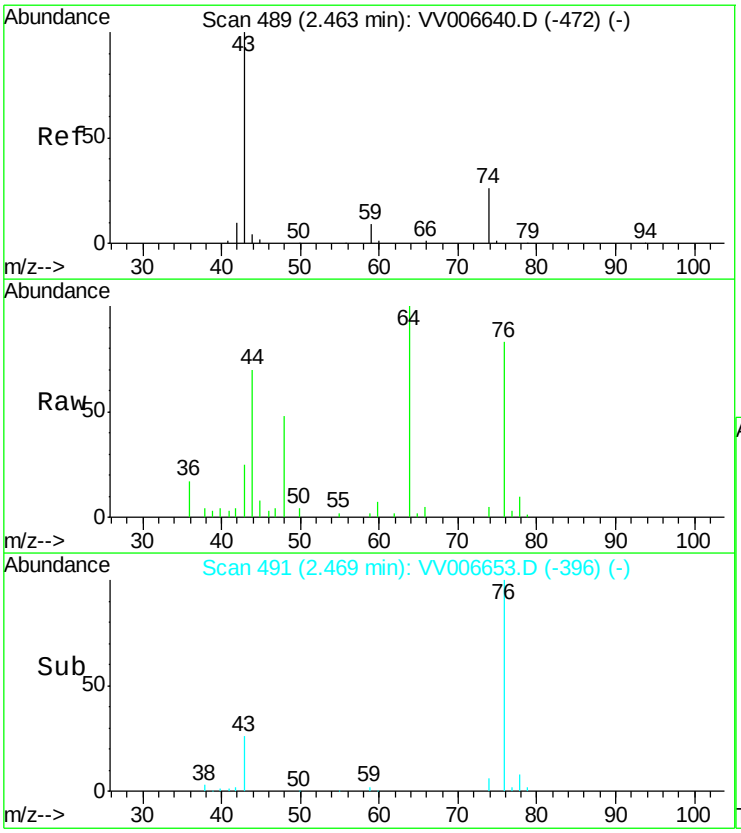
#13
Acetone
Concen: 1.015 ug/L
RT: 2.21 min Scan# 412
Delta R.T. 0.02 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Instrument : MSVOA_V
ClientSampleId : DB180DL

Tgt Ion: 43 Resp: 2753

Ion	Ratio	Lower	Upper
43	100		
58	68.5	0.0	72.8

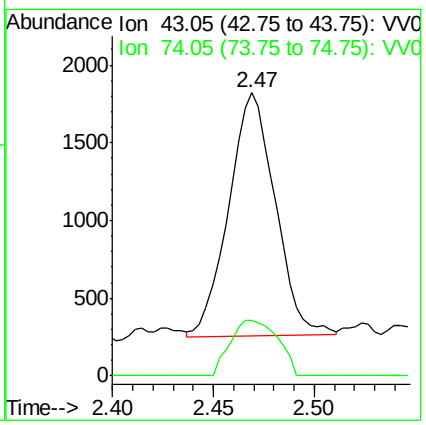


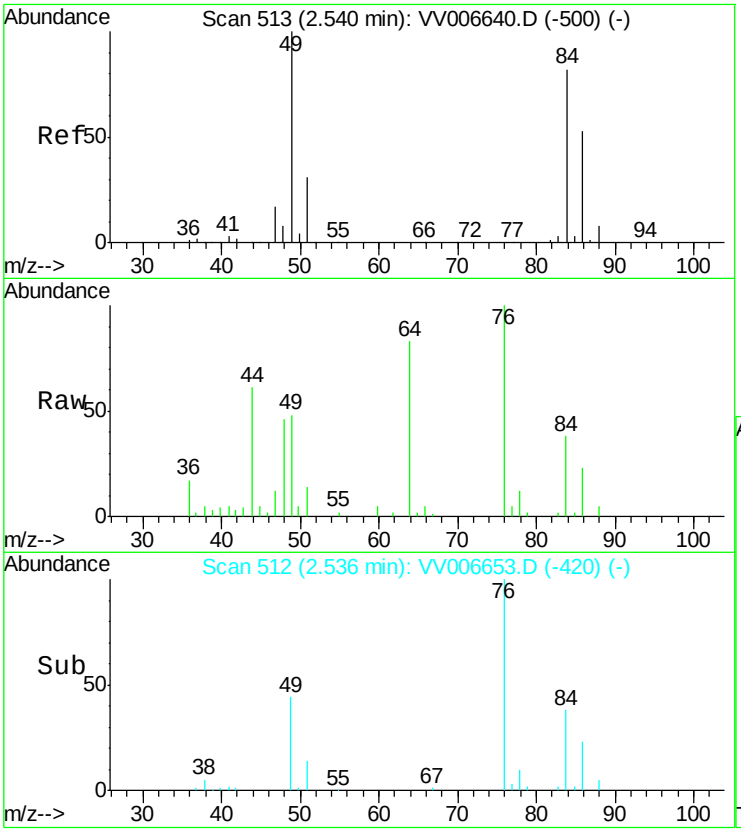


#15
Methyl Acetate
Concen: 0.318 ug/L
RT: 2.47 min Scan# 491
Delta R.T. 0.01 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Tgt Ion: 43 Resp: 2533

Ion	Ratio	Lower	Upper
43	100		
74	23.5	20.3	30.5



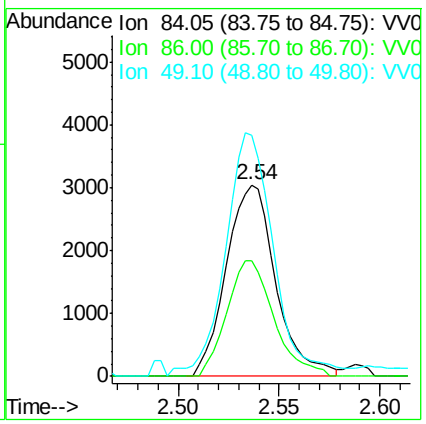


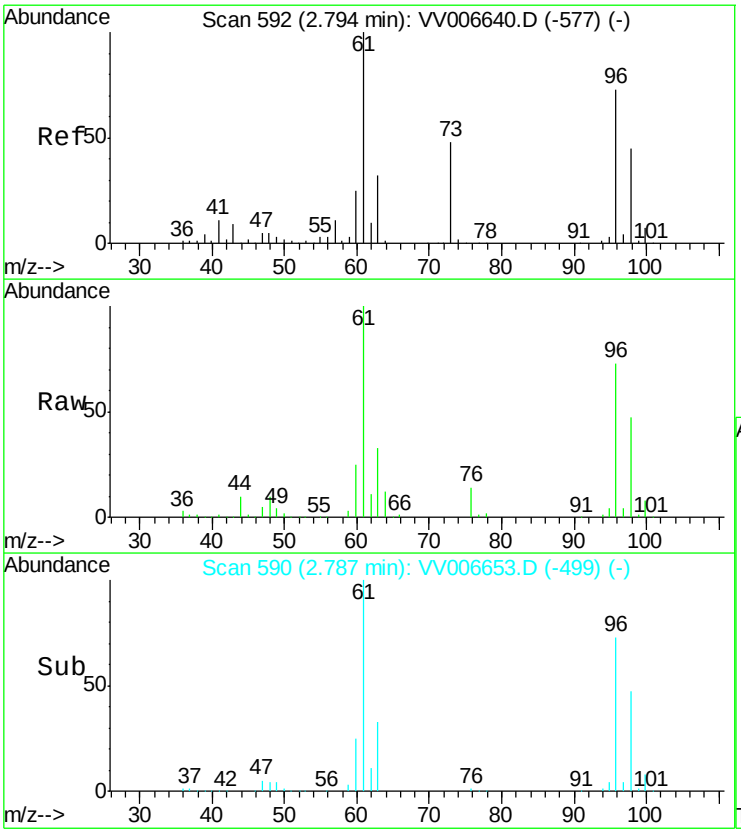
#16
Methylene chloride
Concen: 0.242 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Instrument : MSVOA_V
ClientSampleId : DB180DL

Tgt Ion: 84 Resp: 5226

Ion	Ratio	Lower	Upper
84	100		
86	60.3	45.4	84.2
49	138.4	85.1	158.1

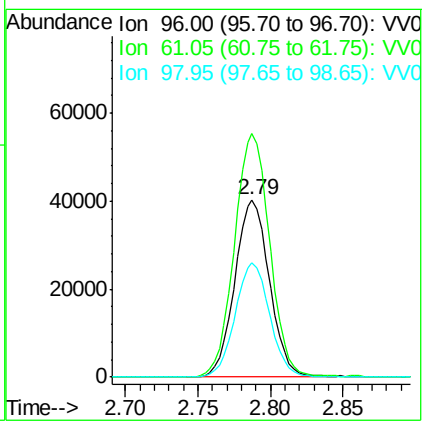


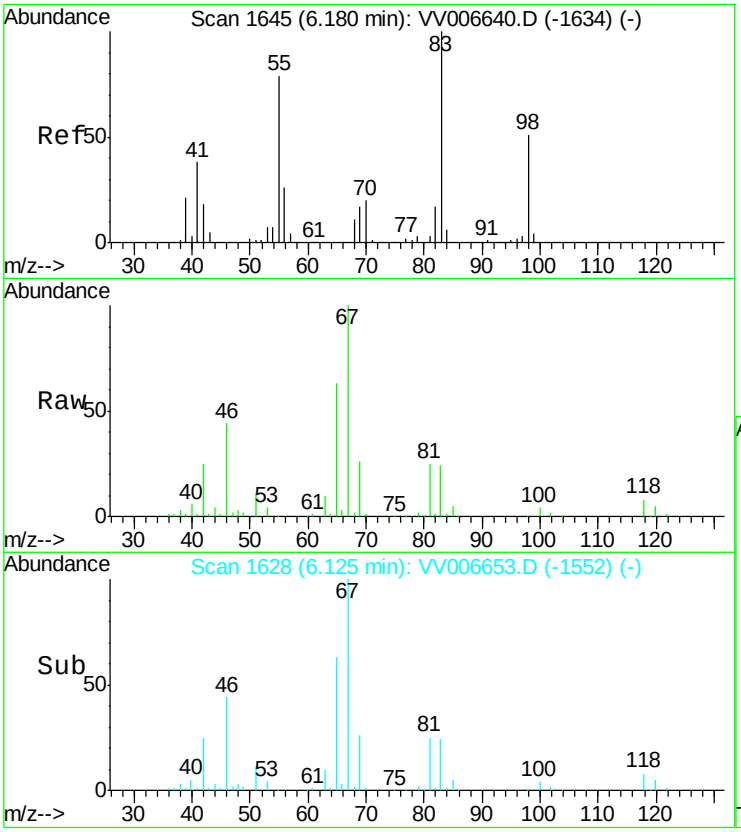


#18
trans-1,2-Dichloroethene
Concen: 3.527 ug/L
RT: 2.79 min Scan# 590
Delta R.T. -0.01 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Tgt Ion: 96 Resp: 66767

Ion	Ratio	Lower	Upper
96	100		
61	137.3	96.0	178.4
98	64.2	43.5	80.9



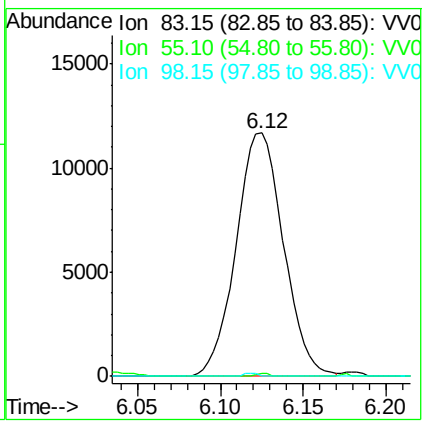


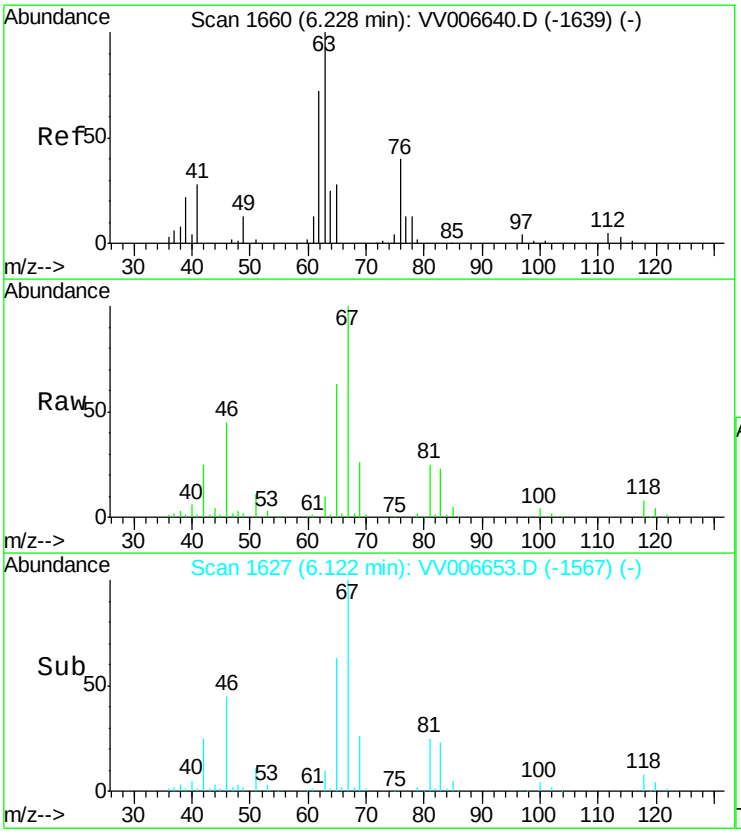
#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Instrument : MSVOA_V
ClientSampleId : DB180DL

Tgt Ion: 83 Resp: 23224

Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.3	91.9#
98	0.4	39.4	59.0#

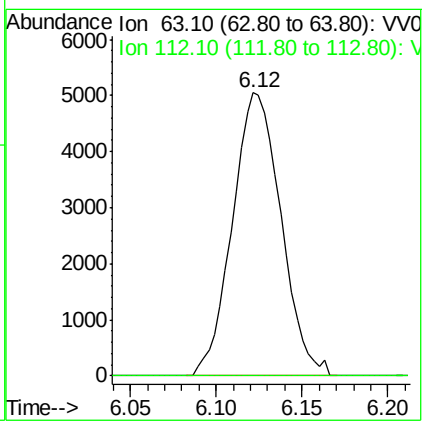


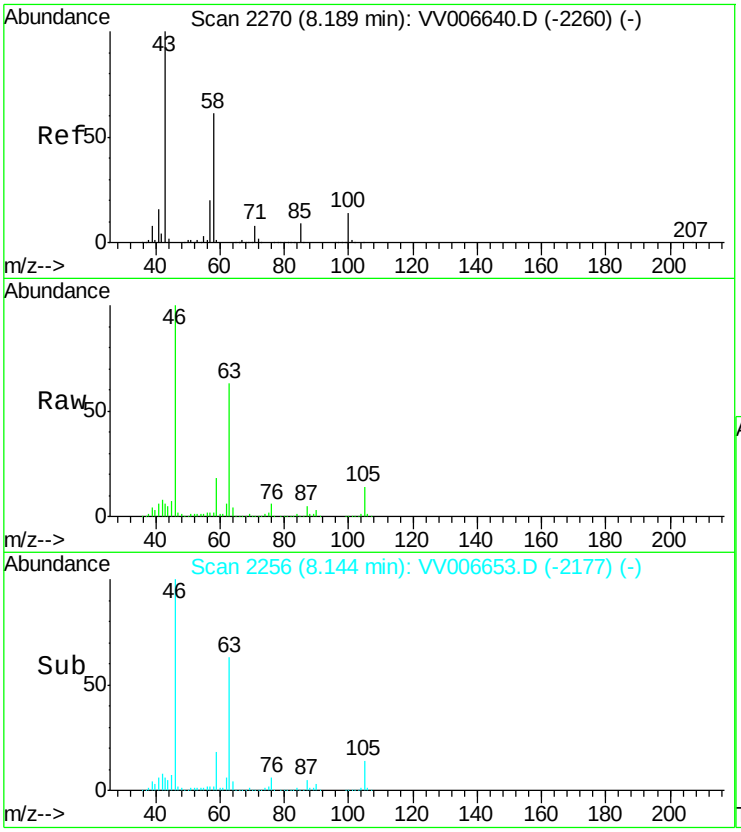


#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Tgt Ion: 63 Resp: 9890

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#48
2-Hexanone
Concen: 2.380 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.05 min
Lab File: VV006653.D
Acq: 19 Jul 2018 20:02

Instrument :
MSVOA_V
ClientSampleId :
DB180DL

Tgt Ion: 43 Resp: 17419

Ion	Ratio	Lower	Upper
43	100		
58	28.1	48.2	72.2#
57	28.8	16.2	24.4#
100	1.6	11.0	16.4#