Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

Quantitation Report (Not Reviewed)

Data File : VV008957.D
Acq On : 15 Dec 2018 02:16
Operator : SY/MD
Sample : J6387-10
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LB2

Quant Time: Dec 15 04:08:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	207857	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80113	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49086	40.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.88%			
7) Chloroethane-d5	1.57	69	39444	51.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.26%			
11) 1,1-Dichloroethene-d2	2.13	63	103724	36.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.36%			
21) 2-Butanone-d5	3.93	46	88878	109.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.66%			
24) Chloroform-d	4.41	84	123182	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.12%			
26) 1,2-Dichloroethane-d4	5.08	65	82083	49.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.50%			
32) Benzene-d6	5.10	84	248687	48.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.04%			
36) 1,2-Dichloropropane-d6	6.12	67	77227	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.26%			
41) Toluene-d8	7.36	98	231595	47.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.28%			
43) trans-1,3-Dichloropropene-	7.67	79	35728	45.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.54%			
47) 2-Hexanone-d5	8.13	63	54825	95.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.19%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95954	47.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.52%			
64) 1,2-Dichlorobenzene-d4	11.68	152	83988	50.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	904	0.390	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	904	0.637	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	969	0.751	ug/L #	1
13) Acetone	2.19	43	2489	2.042	ug/L	86
33) Benzene	5.10	78	2131	0.402	ug/L	100
34) Trichloroethene	5.96	95	1058	0.692	ug/L	91
35) Methylcyclohexane	6.12	83	18923	8.345	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8493	6.202	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2321	1.063	ug/L #	59
44) trans-1,3-Dichloropropene	7.66	75	1639	0.805	ug/L #	81
48) 2-Hexanone	8.18	43	3291	2.498	ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	8691	5.039	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

Quantitation Report (Not Reviewed)

Data File : VV008957.D
Acq On : 15 Dec 2018 02:16
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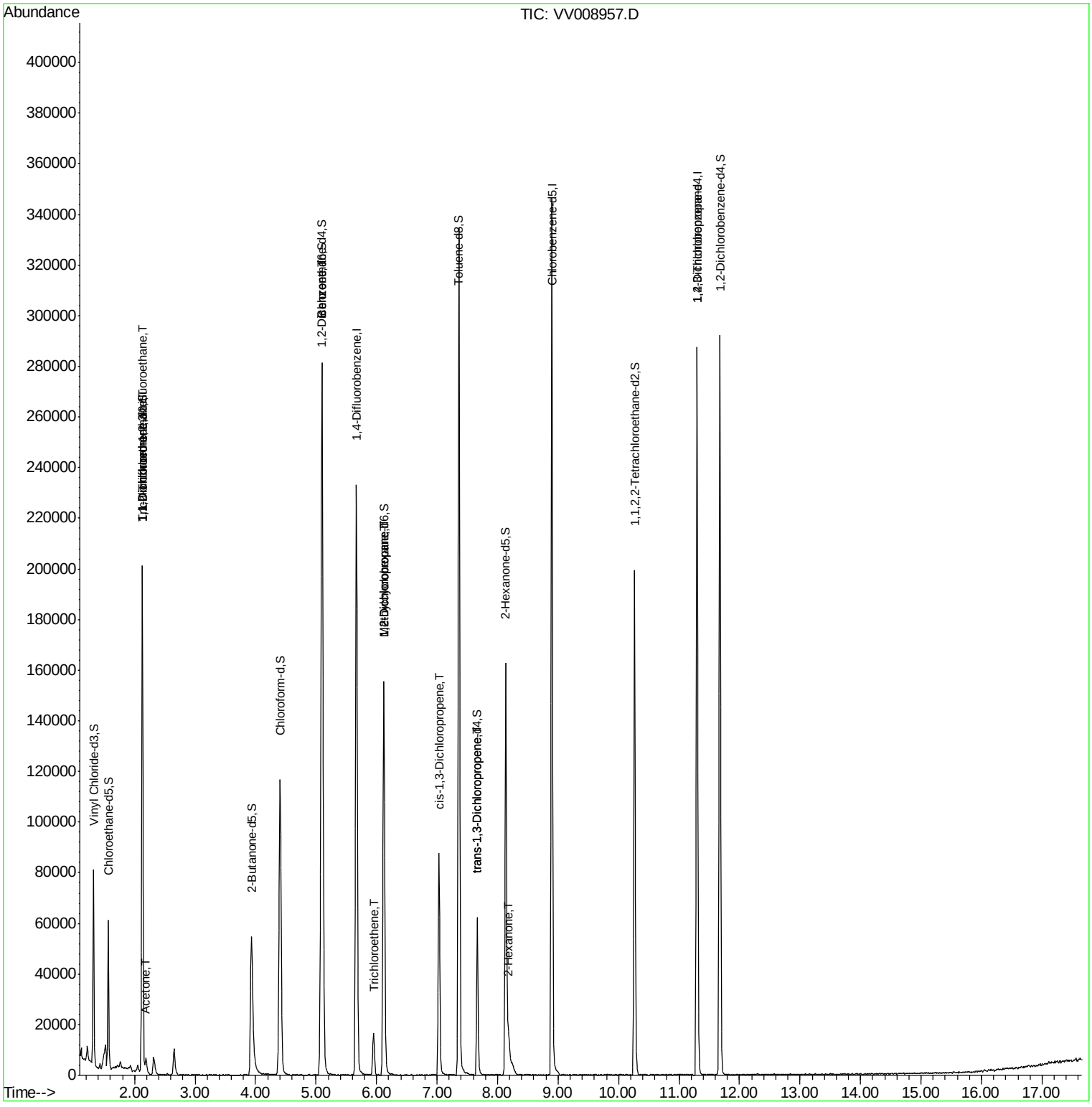
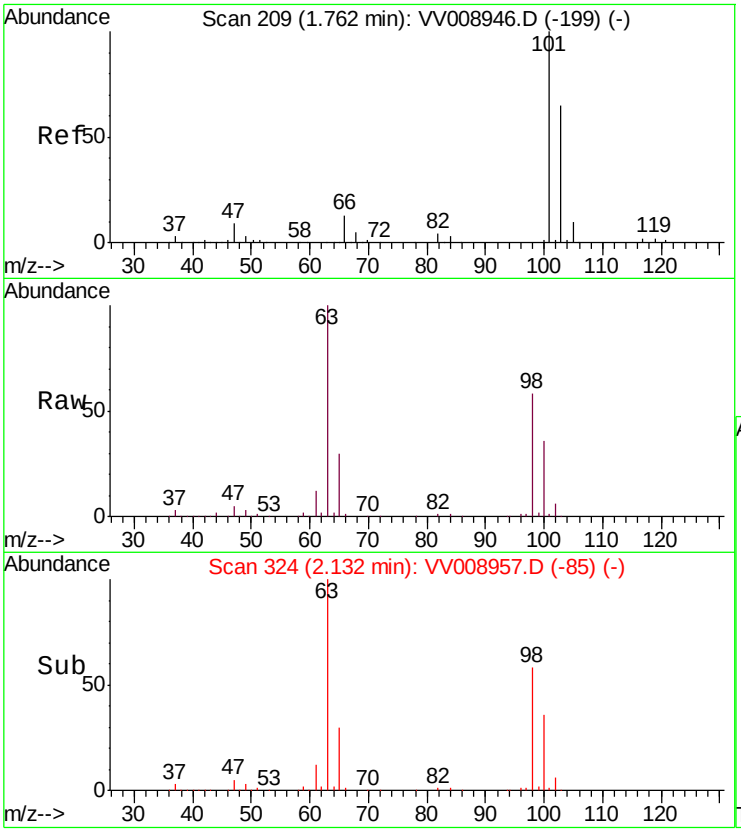
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LB2

Quant Time: Dec 15 04:08:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration



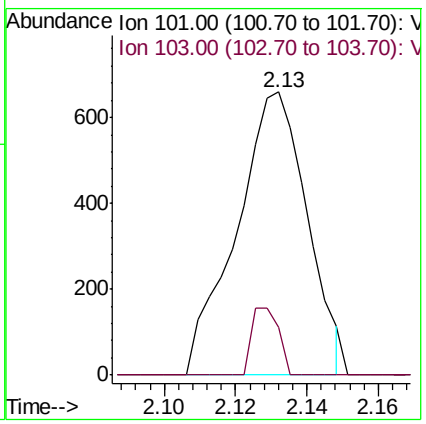


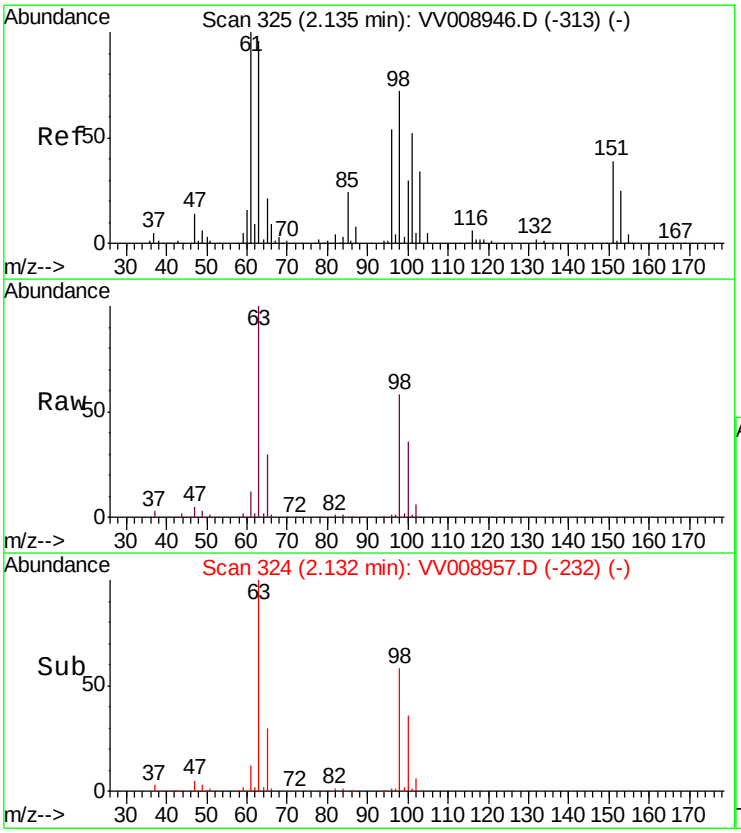
#9
Trichlorofluoromethane
Concen: 0.390 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.37 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Instrument :
MSVOA_V
ClientSampleId :
C0LB2

Tgt Ion:101 Resp: 904

Ion	Ratio	Lower	Upper
101	100		
103	9.1	51.5	77.3#

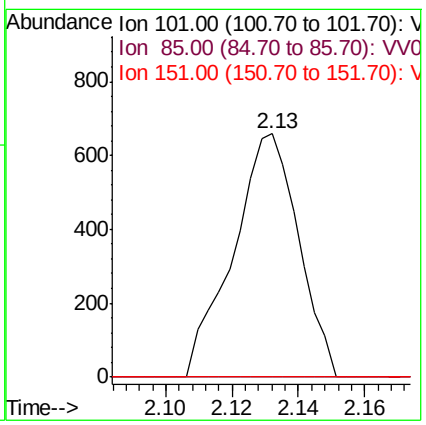


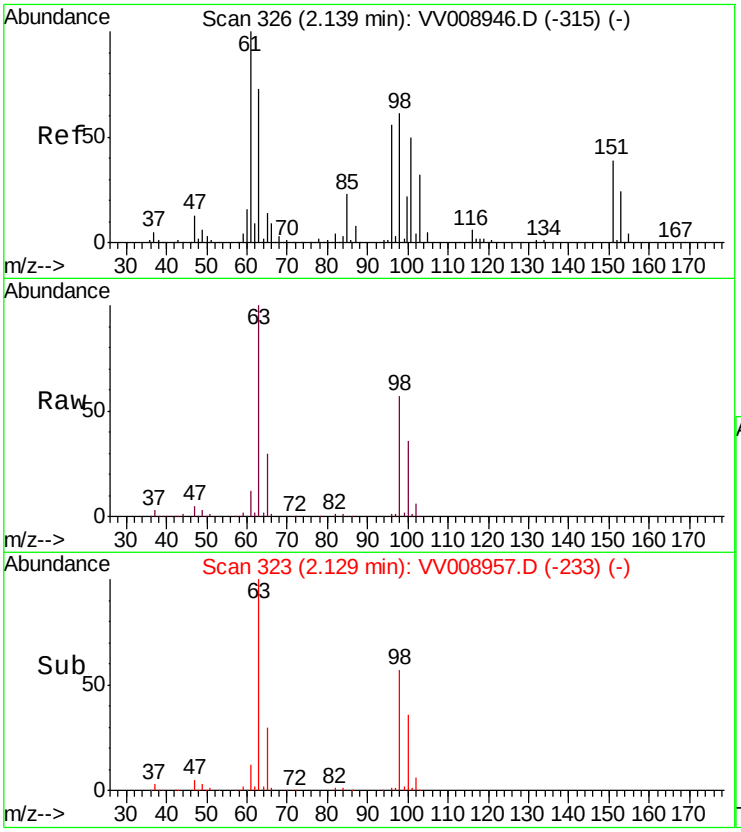


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.637 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Tgt Ion:101 Resp: 904

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.8	95.8#



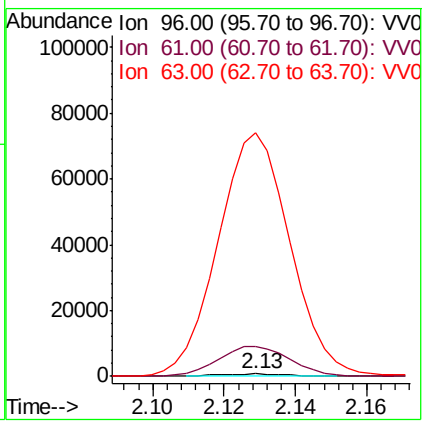


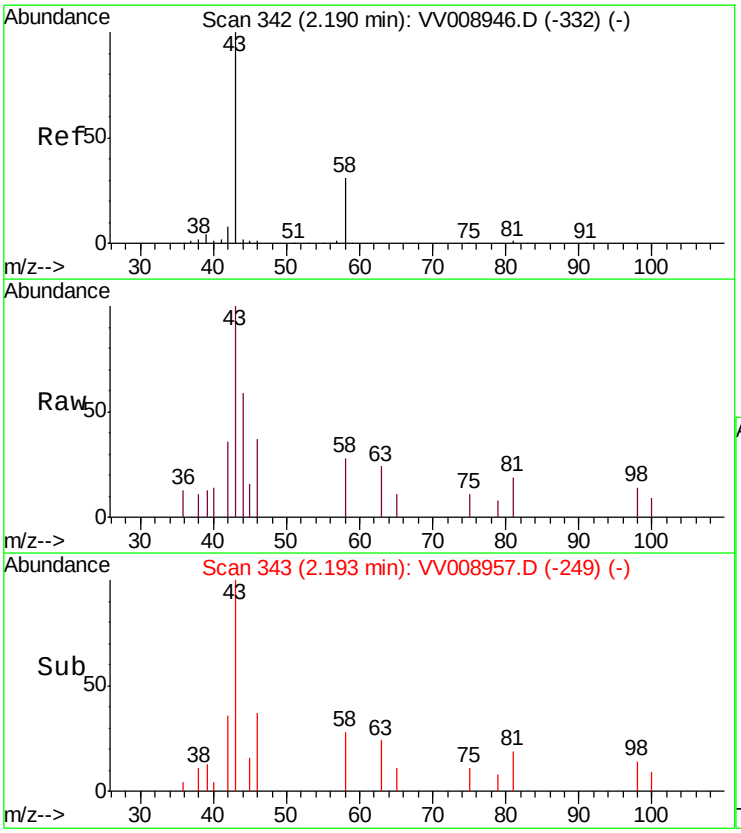
#12
1,1-Dichloroethene
Concen: 0.751 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Instrument :
MSVOA_V
ClientSampleId :
C0LB2

Tgt Ion: 96 Resp: 969

Ion	Ratio	Lower	Upper
96	100		
61	1265.4	119.1	221.3#
63	10154.2	96.0	178.2#

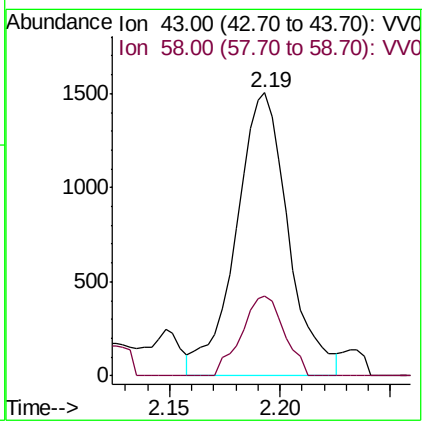


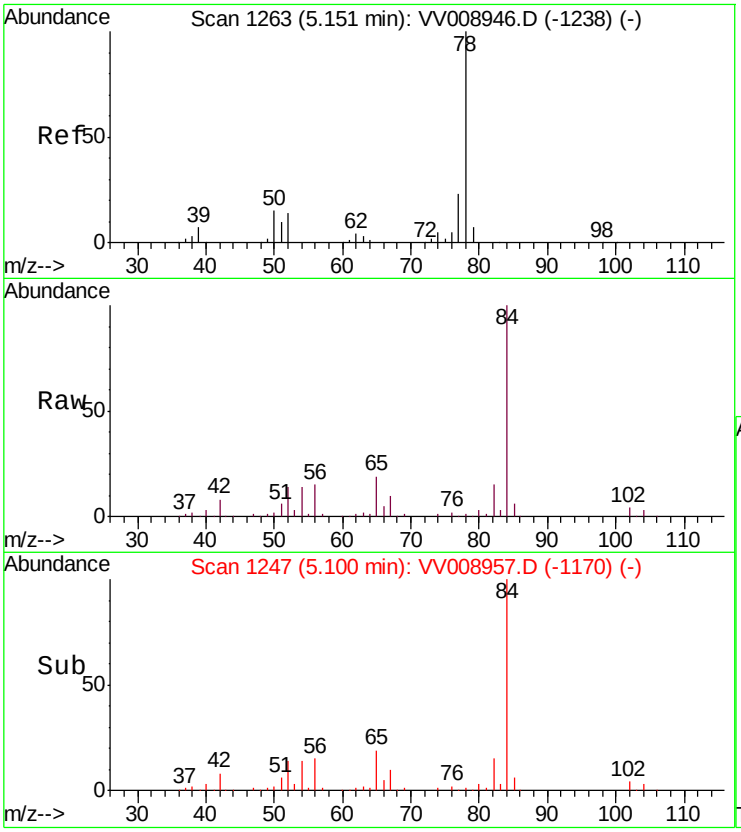


#13
Acetone
Concen: 2.042 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Tgt Ion: 43 Resp: 2489

Ion	Ratio	Lower	Upper
43	100		
58	22.9	0.0	61.8

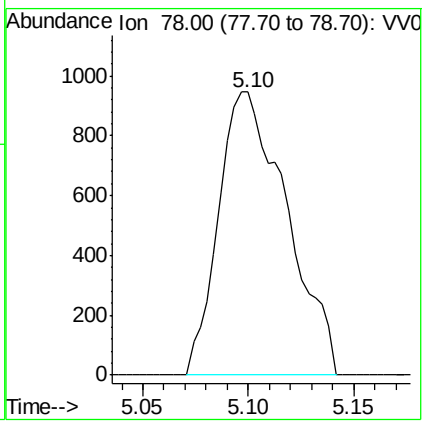


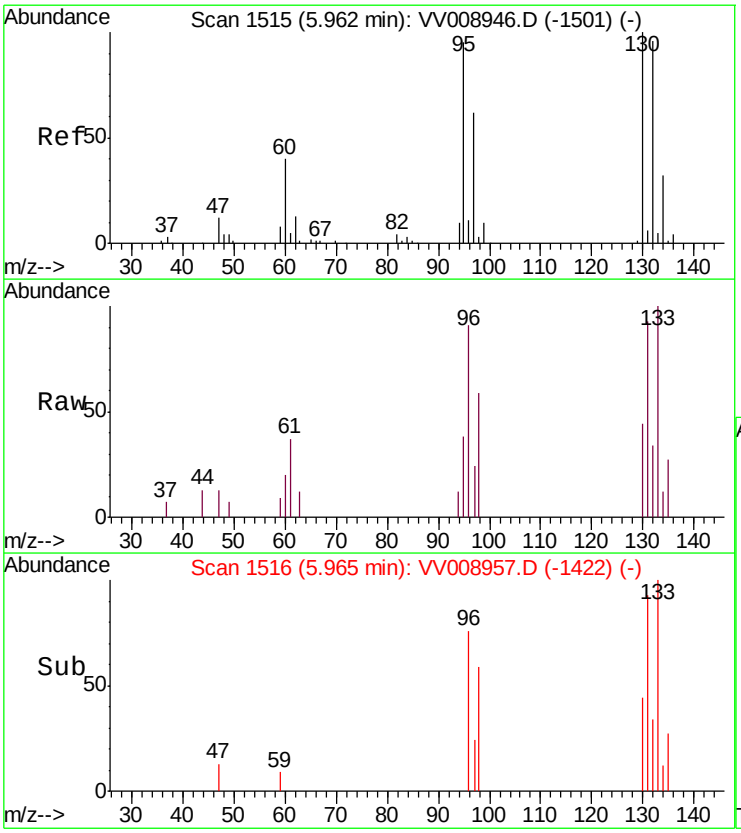


#33
Benzene
Concen: 0.402 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.05 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Instrument :
MSVOA_V
ClientSampleId :
C0LB2

Tgt Ion: 78 Resp: 2131

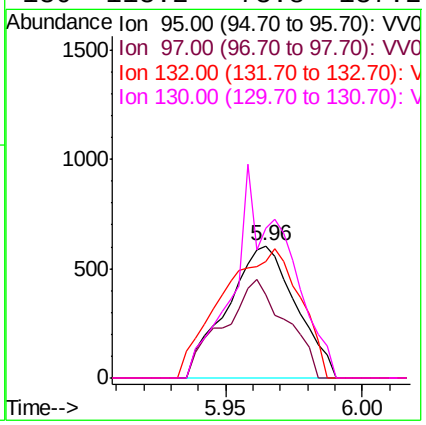


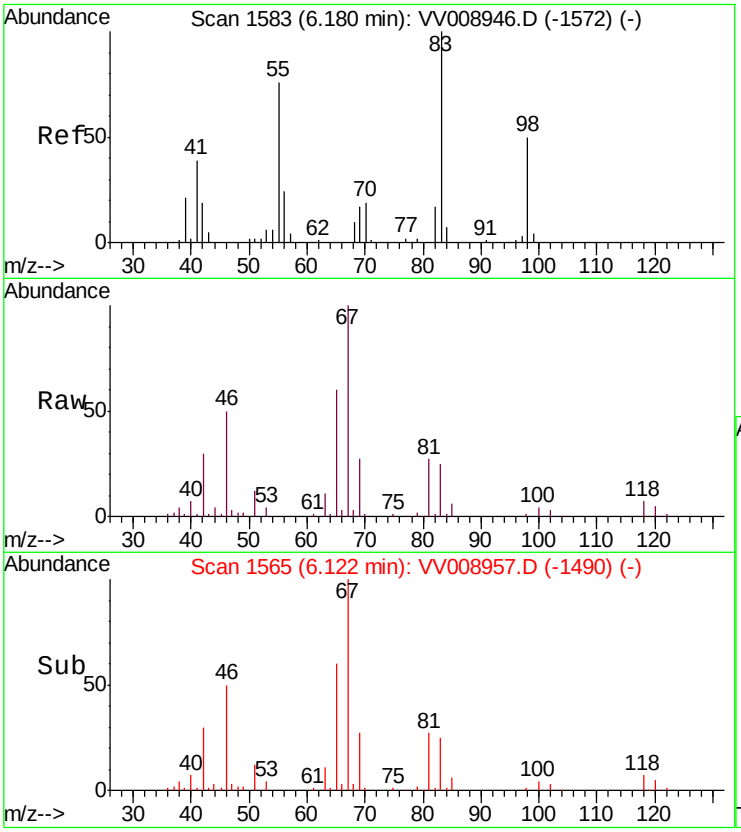


#34
Trichloroethene
Concen: 0.692 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Tgt Ion: 95 Resp: 1058

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.7	84.9
132	88.1	72.2	134.2
130	113.2	73.8	137.2



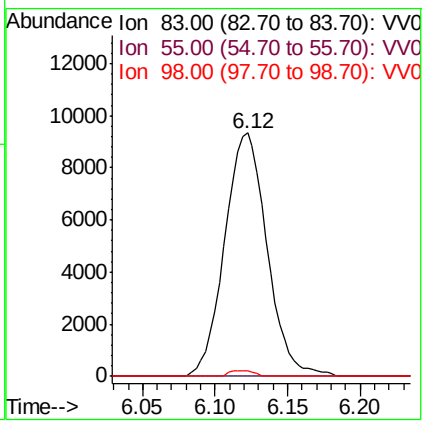


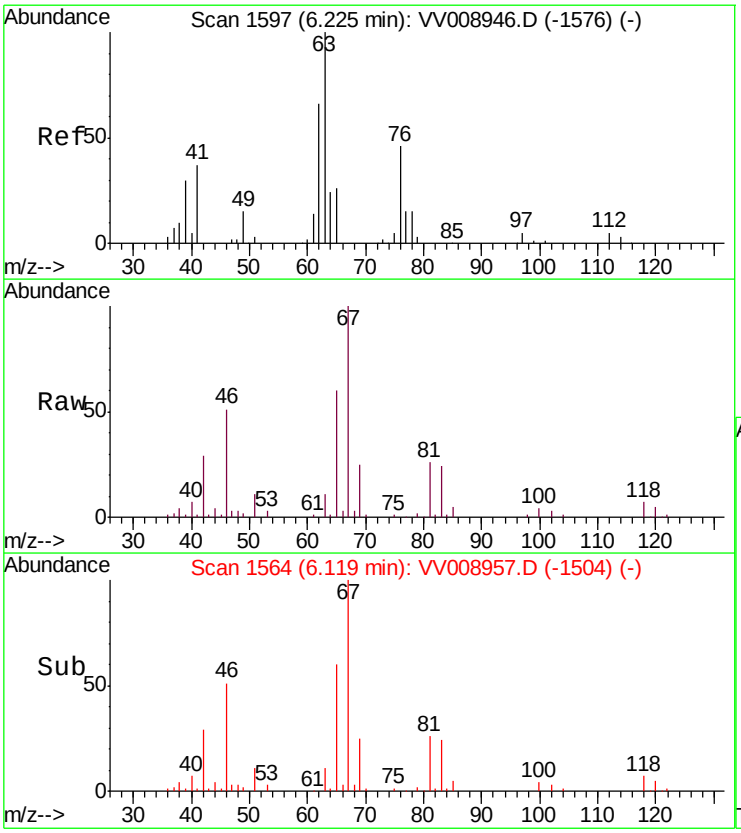
#35
Methylcyclohexane
Concen: 8.345 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Instrument : MSVOA_V
ClientSampleId : C0LB2

Tgt Ion: 83 Resp: 18923

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.3	39.0	58.4#

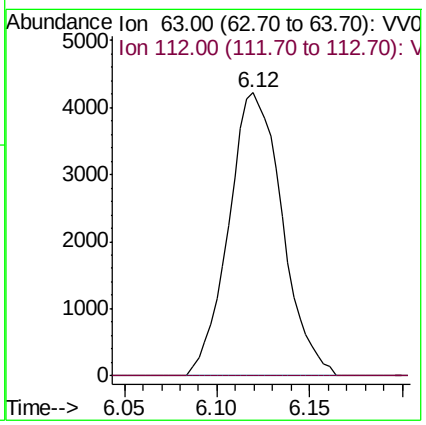


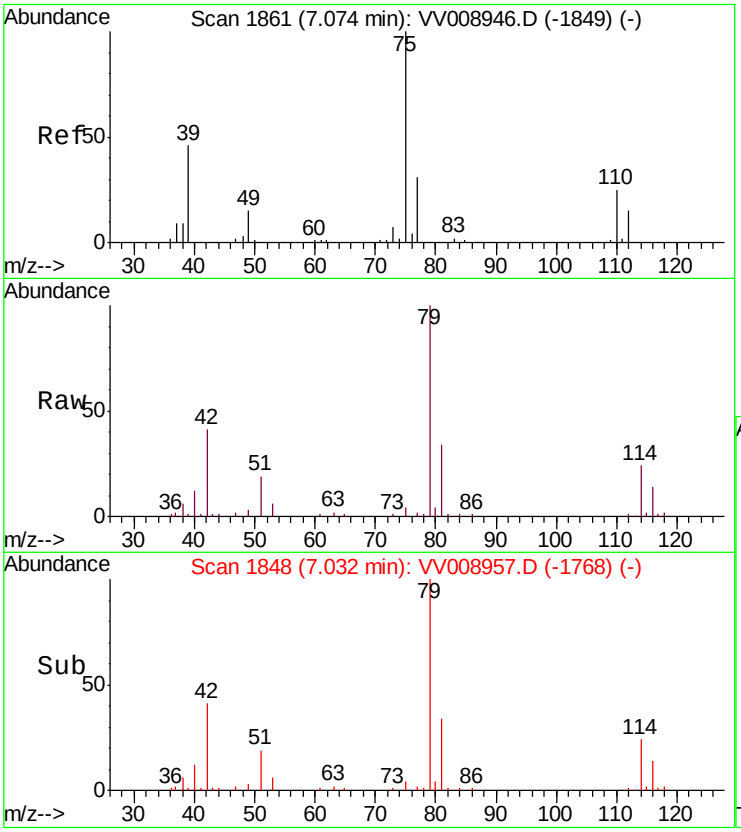


#37
1,2-Dichloropropane
Concen: 6.202 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Tgt Ion: 63 Resp: 8493

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



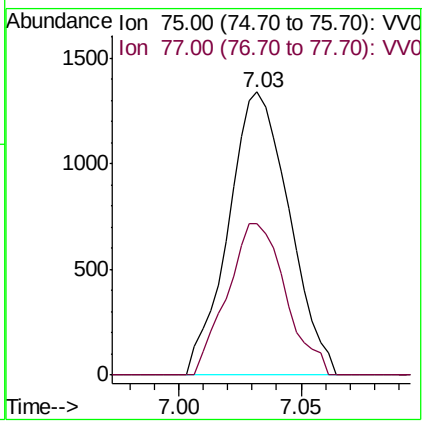


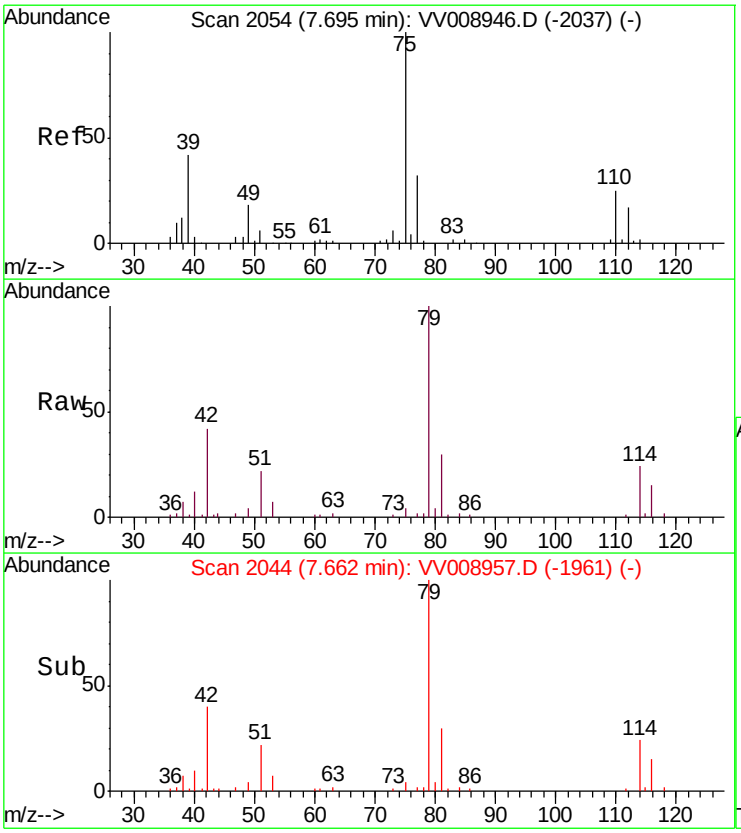
#39
cis-1,3-Dichloropropene
Concen: 1.063 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Instrument :
MSVOA_V
ClientSampleId :
C0LB2

Tgt Ion: 75 Resp: 2321

Ion	Ratio	Lower	Upper
75	100		
77	53.7	21.8	40.4#

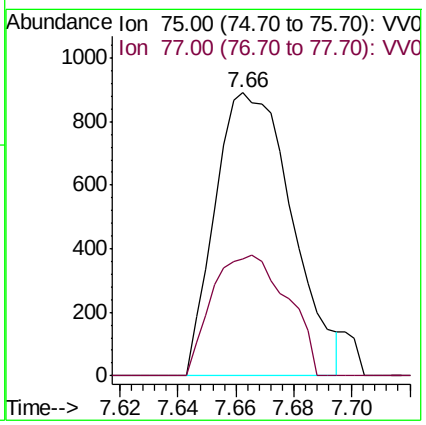


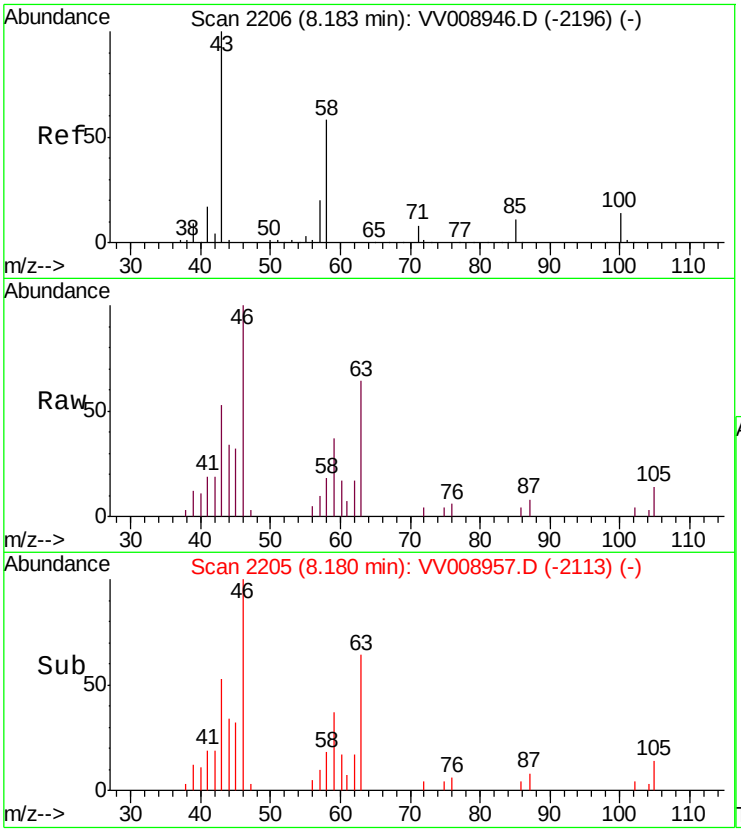


#44
trans-1,3-Dichloropropene
Concen: 0.805 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Tgt Ion: 75 Resp: 1639

Ion	Ratio	Lower	Upper
75	100		
77	41.3	21.6	40.2#



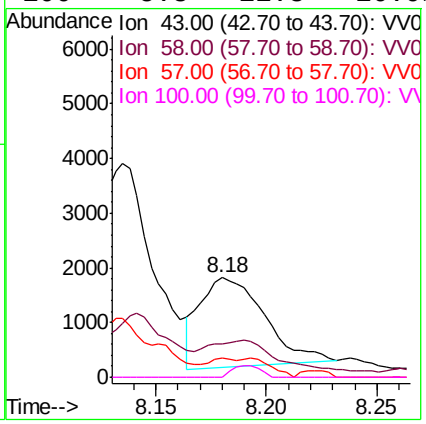


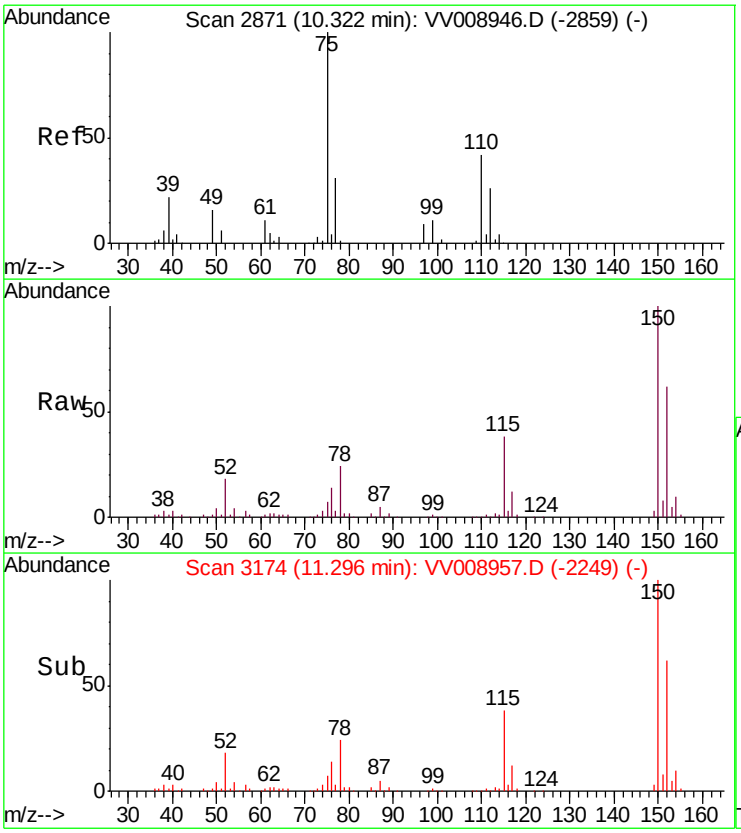
#48
2-Hexanone
Concen: 2.498 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Instrument : MSVOA_V
ClientSampleId : C0LB2

Tgt Ion: 43 Resp: 3291

Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.7	64.1
57	2.8	15.7	23.5#
100	5.8	11.3	16.9#





#59
1,2,3-Trichloropropane
Concen: 5.039 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008957.D
Acq: 15 Dec 2018 02:16

Tgt Ion: 75 Resp: 8691

Ion	Ratio	Lower	Upper
75	100		
77	38.5	25.8	38.8