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

Quantitation Report (Not Reviewed)

Data File : VV008966.D
Acq On : 15 Dec 2018 05:51
Operator : SY/MD
Sample : J6383-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

Quant Time: Dec 15 19:57:53 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	205935	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81664	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46888	38.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.98%			
7) Chloroethane-d5	1.56	69	37188	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.26%			
11) 1,1-Dichloroethene-d2	2.13	63	97163	34.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.42%			
21) 2-Butanone-d5	3.93	46	89668	111.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.67%			
24) Chloroform-d	4.41	84	117393	45.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.50%			
26) 1,2-Dichloroethane-d4	5.08	65	79101	48.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.78%			
32) Benzene-d6	5.10	84	240905	47.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.12	67	74234	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.42%			
41) Toluene-d8	7.36	98	224038	47.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.12%			
43) trans-1,3-Dichloropropene-	7.67	79	34245	44.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.62%			
47) 2-Hexanone-d5	8.14	63	54196	96.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.09%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86768	44.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	85342	50.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.34%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	858	0.374	ug/L #	25
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	858	0.610	ug/L #	18
13) Acetone	2.19	43	14664	12.145	ug/L	98
15) Methyl Acetate	2.32	43	2814	2.153	ug/L #	49
33) Benzene	5.15	78	4385	0.845	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	2069	0.967	ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	1247	0.625	ug/L	88
48) 2-Hexanone	8.19	43	4746	3.678	ug/L #	73
51) Chlorobenzene	8.93	112	12297	3.247	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	10121	5.992	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	3563	1.361	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	4503	1.708	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	48368	18.196	ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	3070	1.820	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	3070	2.653	ug/L	95
70) 1,2,3-Trichlorobenzene	13.80	180	2496	2.142	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : VV008966.D
Acq On : 15 Dec 2018 05:51
Operator : SY/MD
Sample : J6383-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

Quant Time: Dec 15 19:57:53 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)

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

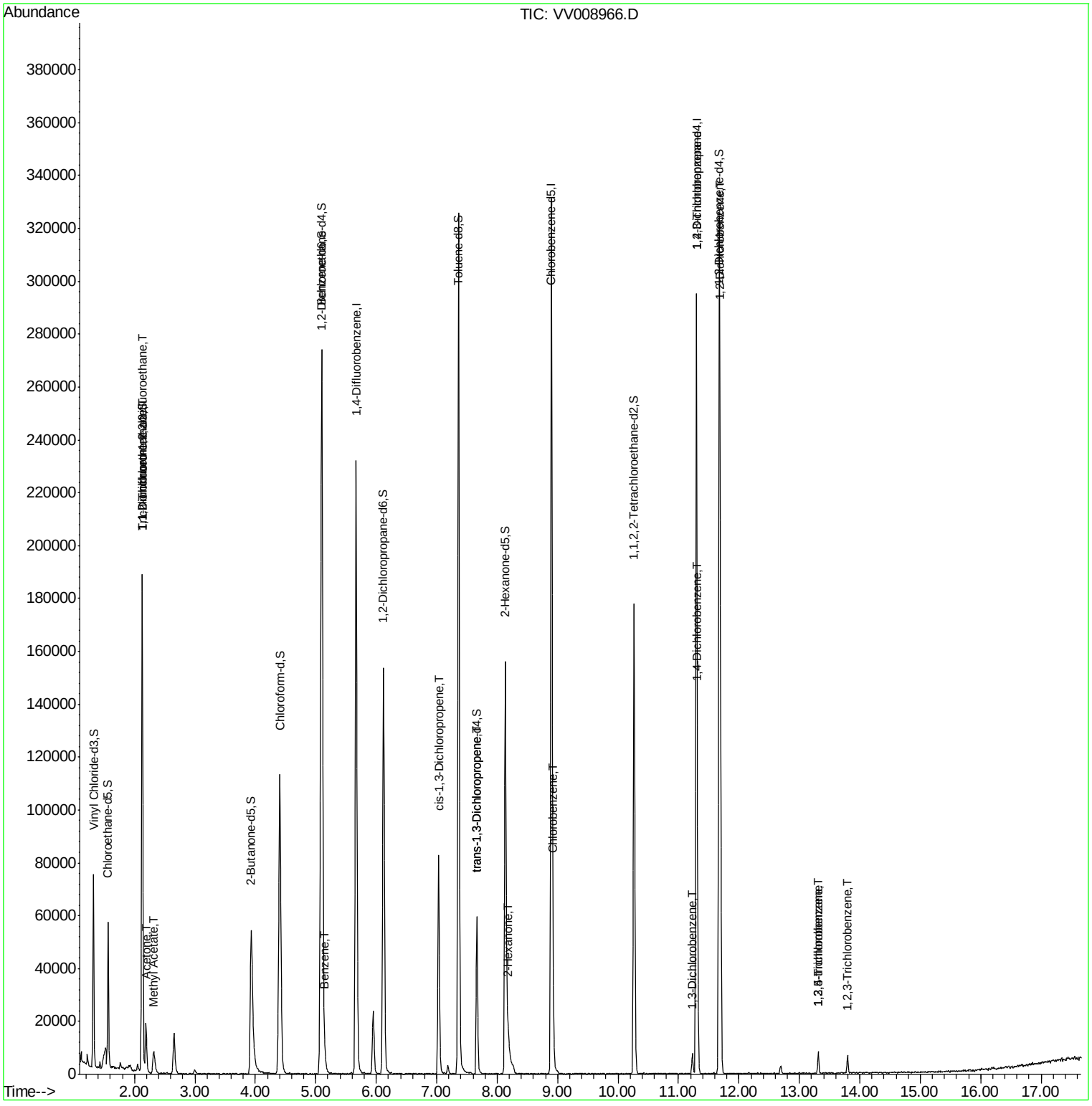
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

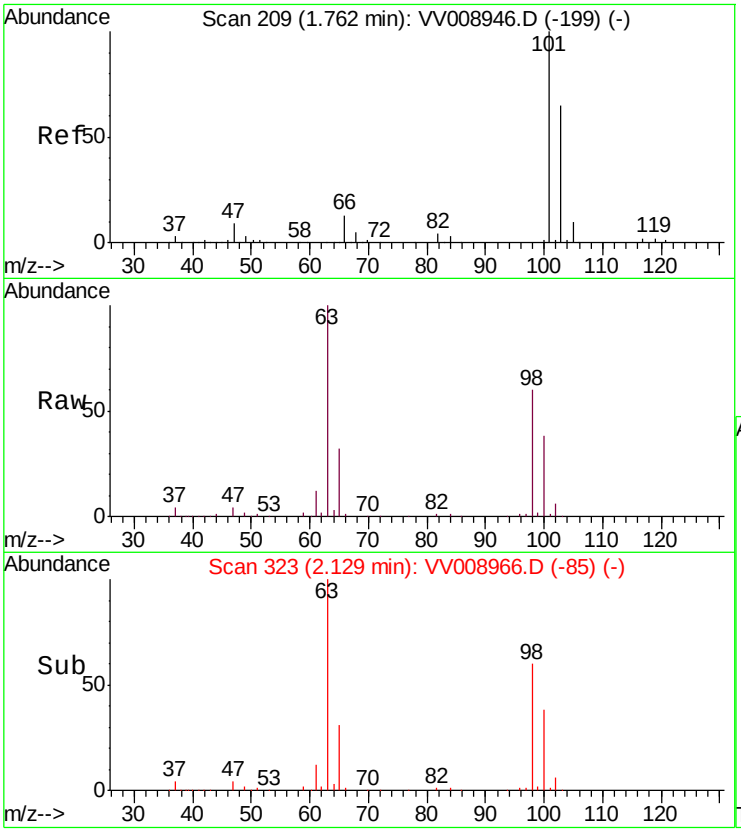
Quantitation Report (Not Reviewed)

Data File : VV008966.D
Acq On : 15 Dec 2018 05:51
Operator : SY/MD
Sample : J6383-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

Quant Time: Dec 15 19:57:53 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



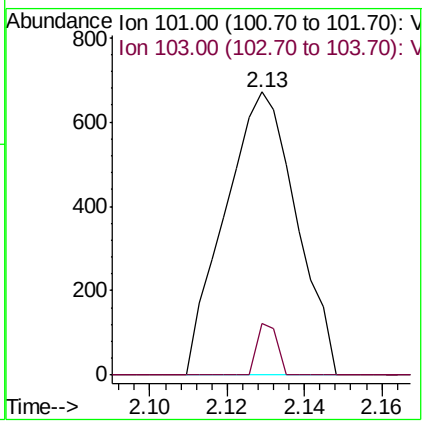


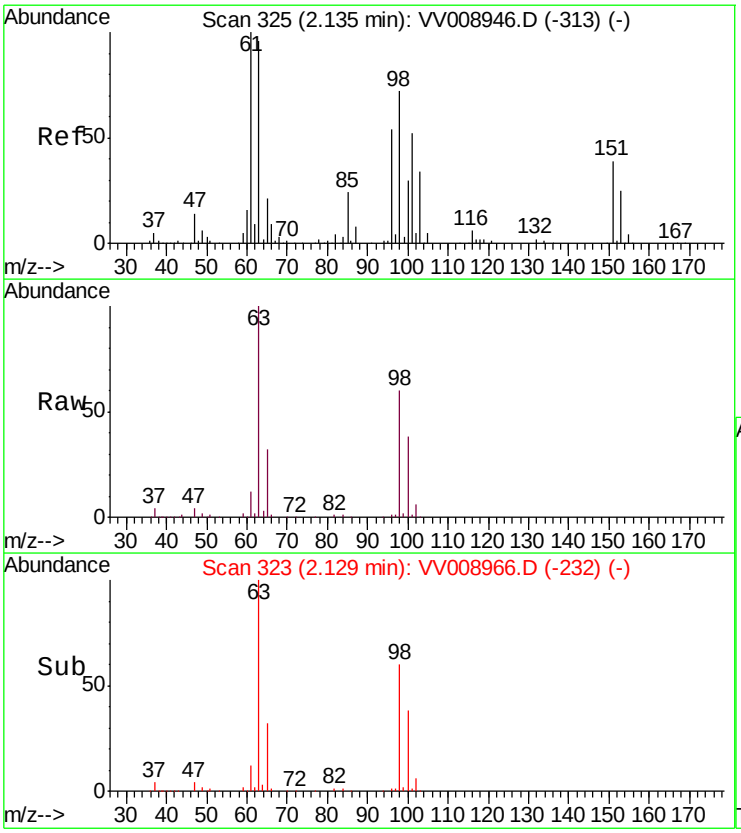
#9
Trichlorofluoromethane
Concen: 0.374 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument : MSVOA_V
ClientSampleId : C0938

Tgt Ion:101 Resp: 858

Ion	Ratio	Lower	Upper
101	100		
103	5.2	51.5	77.3#

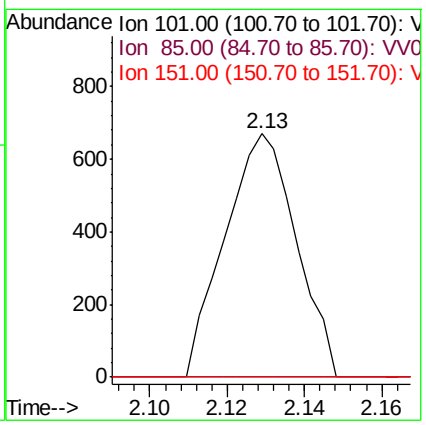


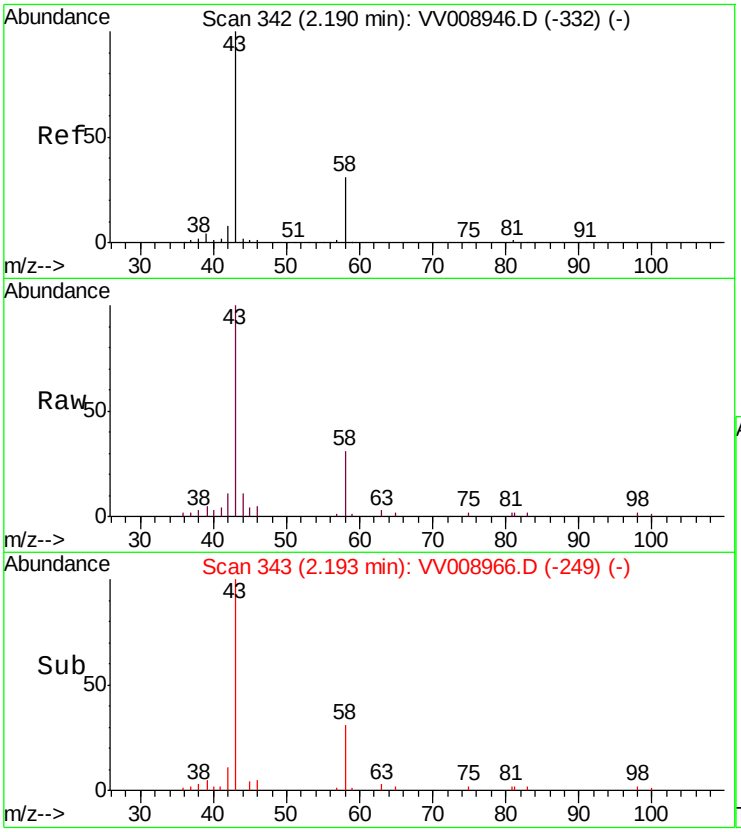


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.610 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:101 Resp: 858

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



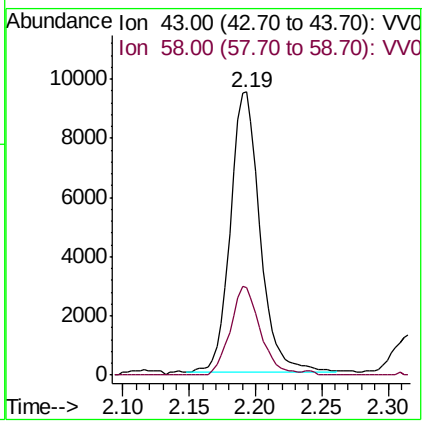


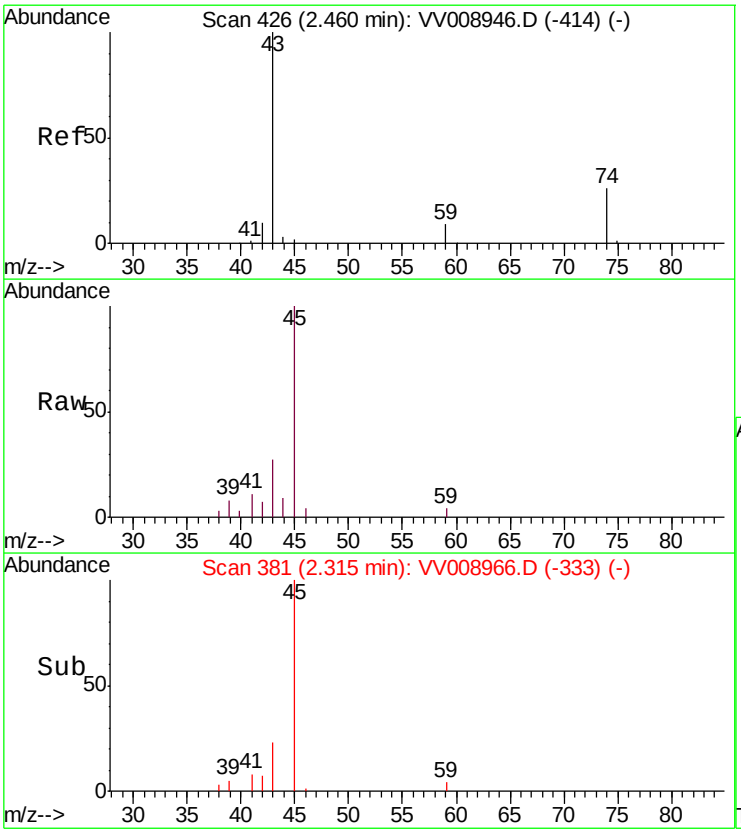
#13
Acetone
Concen: 12.145 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument :
MSVOA_V
ClientSampleId :
C0938

Tgt Ion: 43 Resp: 14664

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	61.8

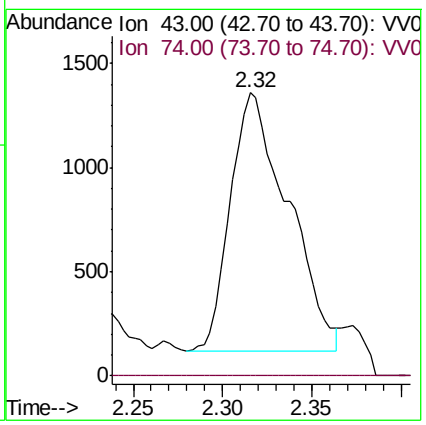


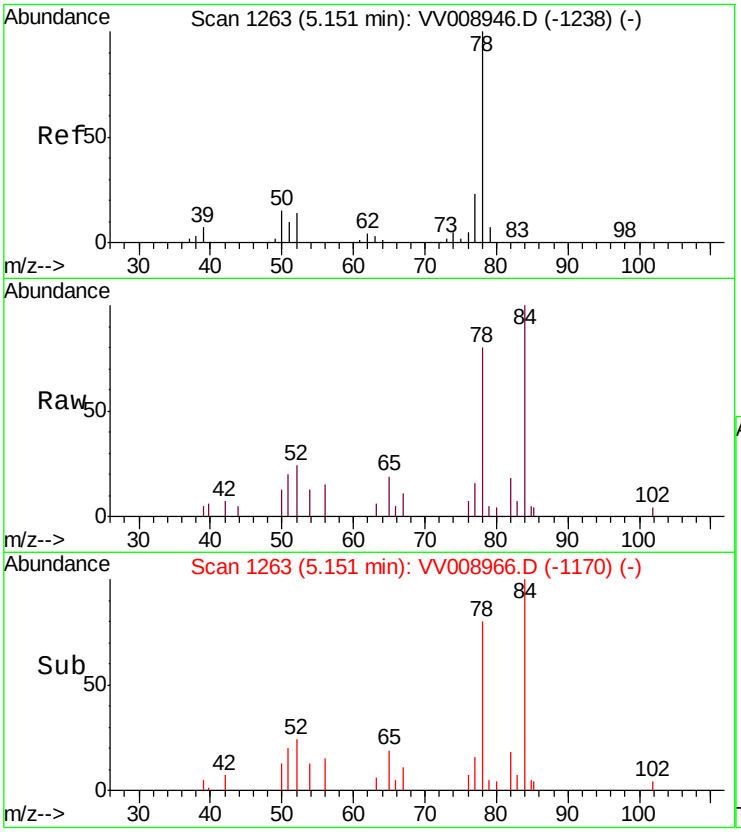


#15
Methyl Acetate
Concen: 2.153 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.14 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion: 43 Resp: 2814

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#

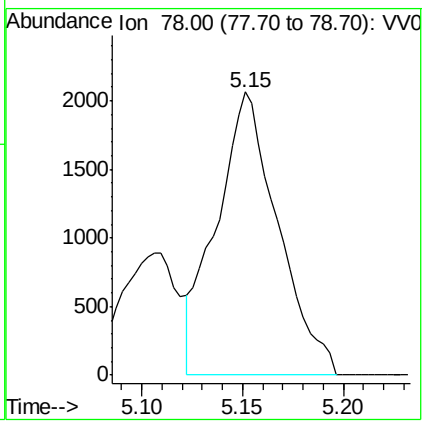


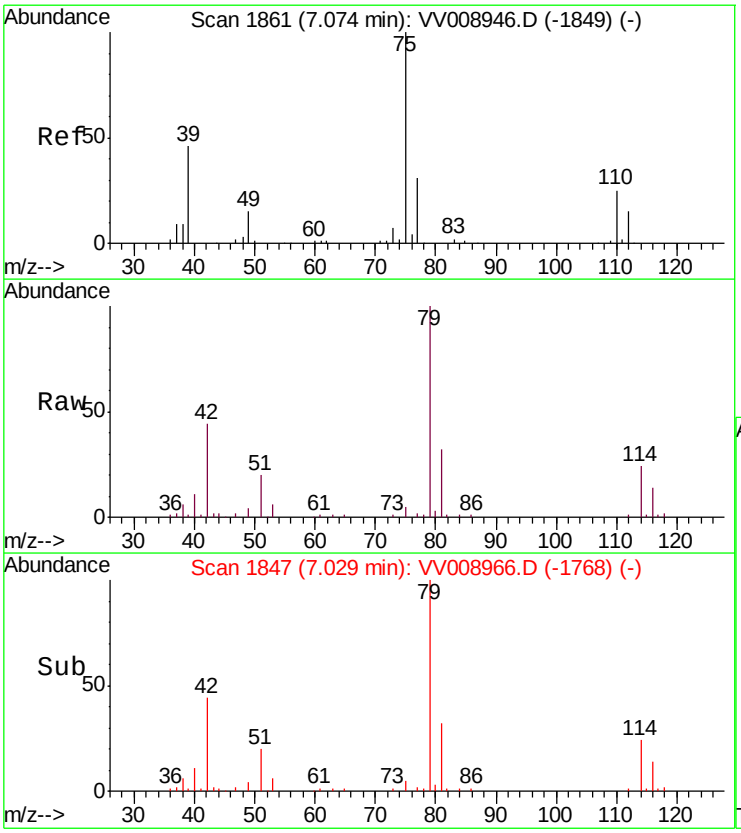


#33
Benzene
Concen: 0.845 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument :
MSVOA_V
ClientSampleId :
C0938

Tgt Ion: 78 Resp: 4385

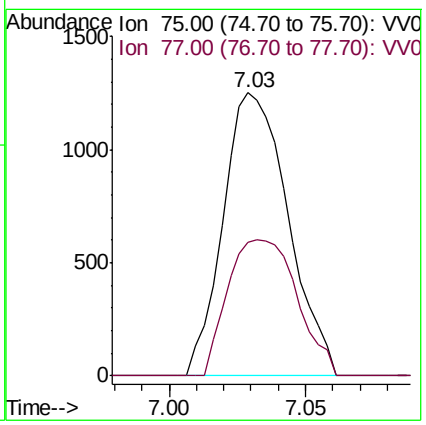


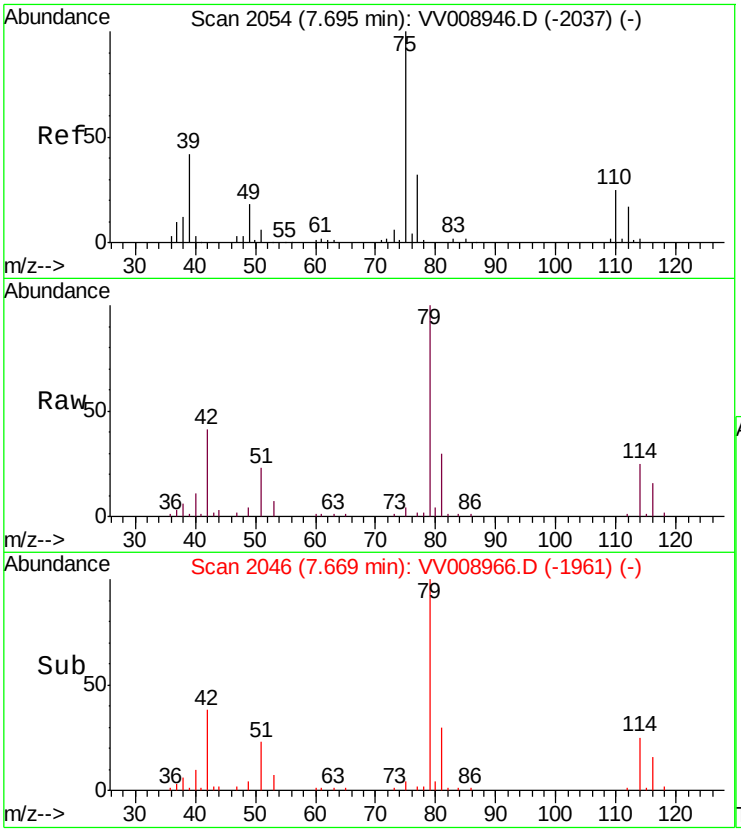


#39
cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.05 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion: 75 Resp: 2069

Ion	Ratio	Lower	Upper
75	100		
77	47.0	21.8	40.4#



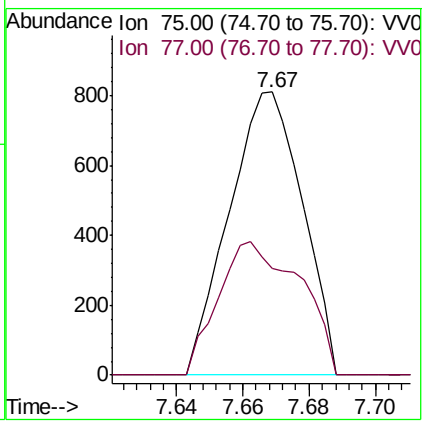


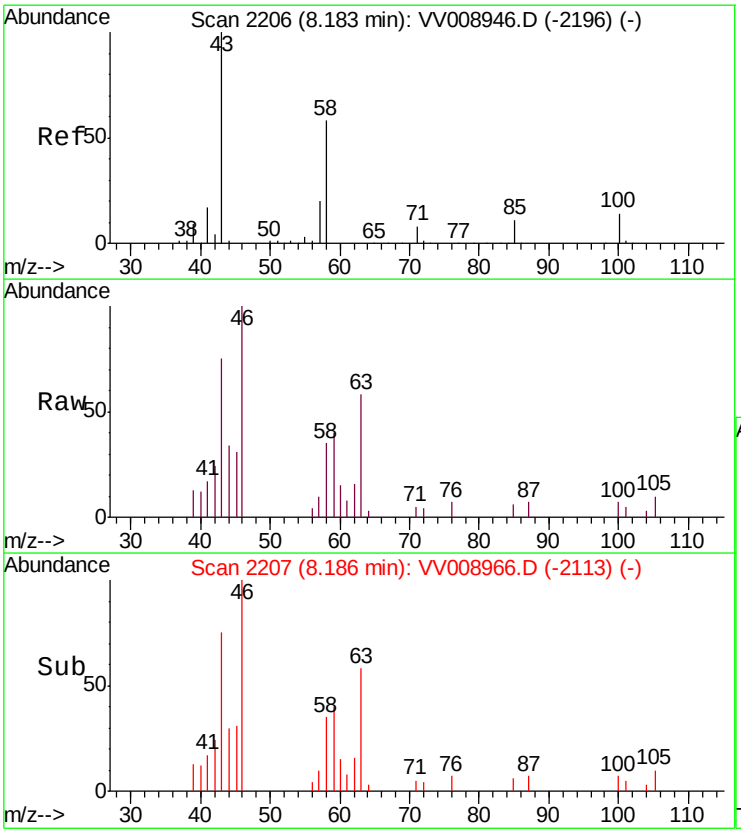
#44
trans-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument :
MSVOA_V
ClientSampleId :
C0938

Tgt Ion: 75 Resp: 1247

Ion	Ratio	Lower	Upper
75	100		
77	37.5	21.6	40.2

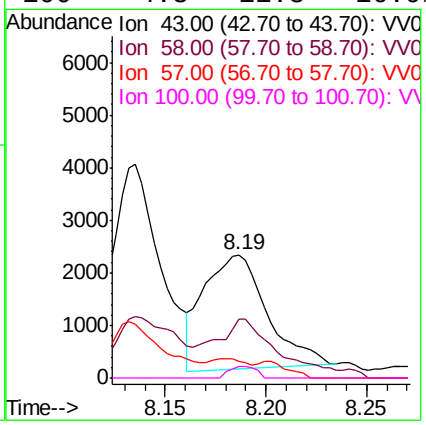


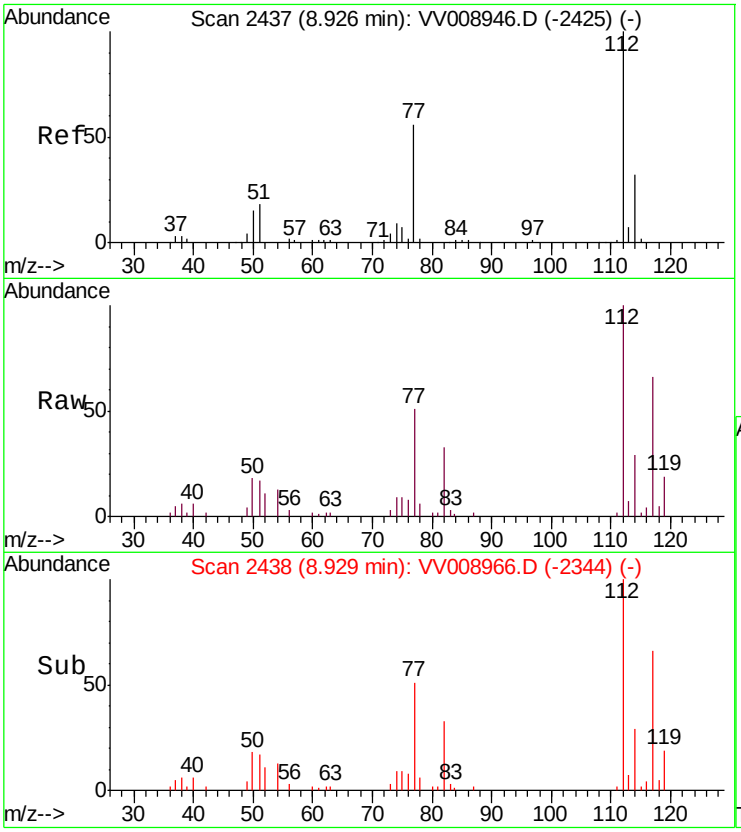


#48
2-Hexanone
Concen: 3.678 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion: 43 Resp: 4746

Ion	Ratio	Lower	Upper
43	100		
58	32.8	42.7	64.1#
57	9.2	15.7	23.5#
100	4.3	11.3	16.9#



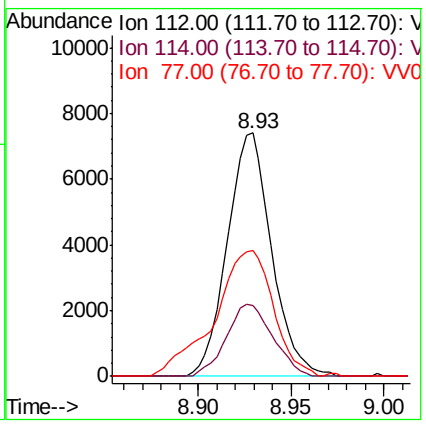


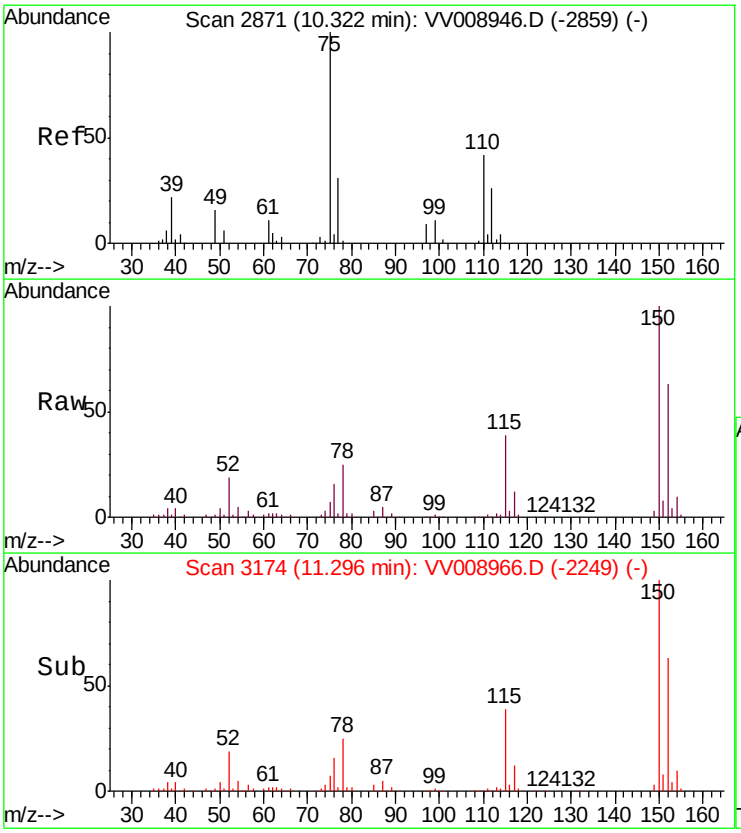
#51
Chlorobenzene
Concen: 3.247 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument : MSVOA_V
ClientSampleId : C0938

Tgt Ion:112 Resp: 12297

Ion	Ratio	Lower	Upper
112	100		
114	28.9	22.3	41.5
77	51.4	45.2	67.8

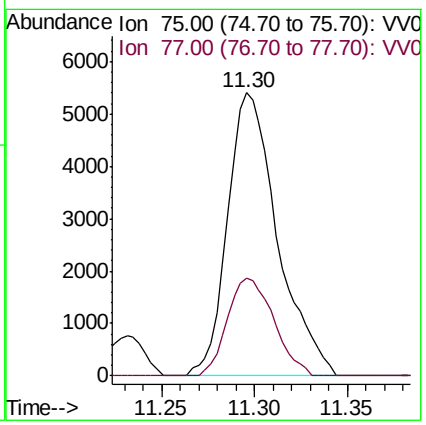


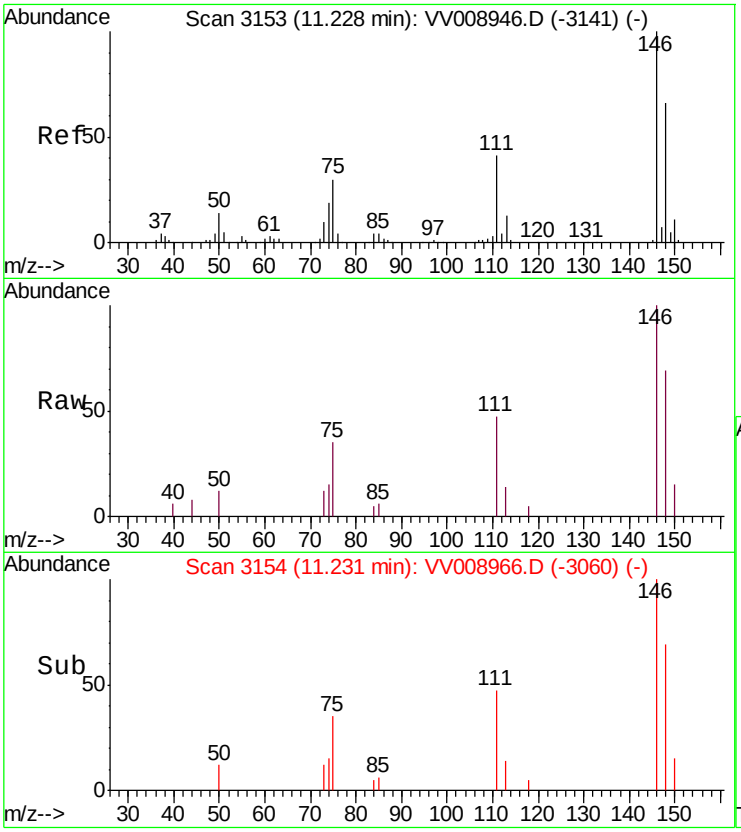


#59
1,2,3-Trichloropropane
Concen: 5.992 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion: 75 Resp: 10121

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.8



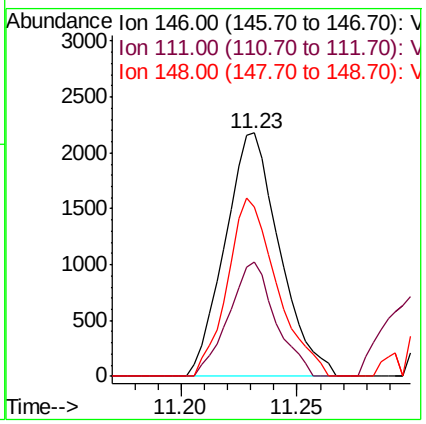


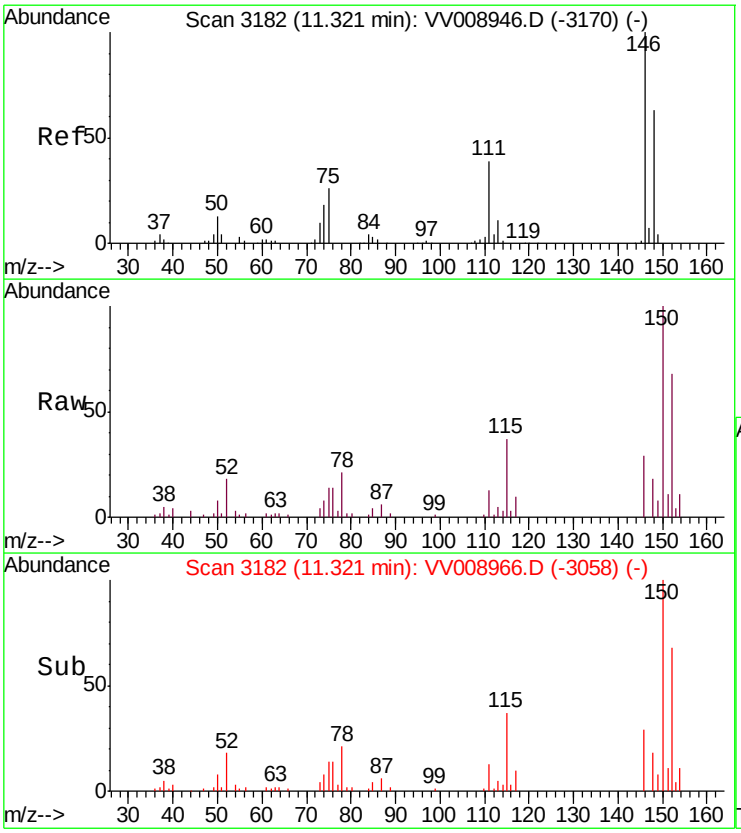
#62
1,3-Dichlorobenzene
Concen: 1.361 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument : MSVOA_V
ClientSampleId : C0938

Tgt Ion:146 Resp: 3563

Ion	Ratio	Lower	Upper
146	100		
111	47.1	28.3	52.7
148	69.4	44.9	83.5

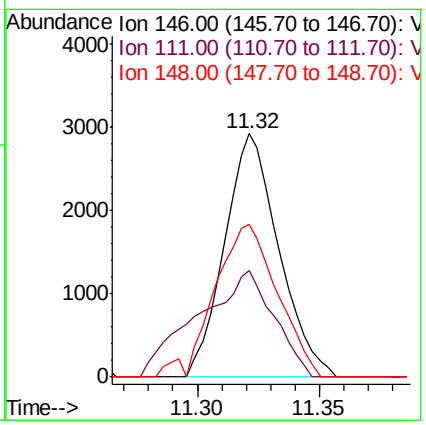


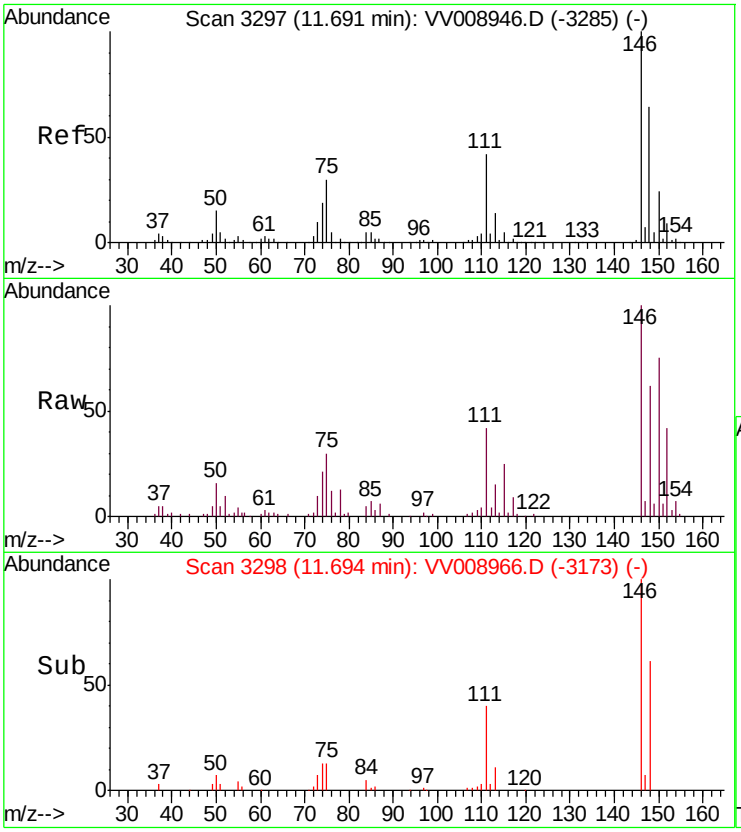


#63
1,4-Dichlorobenzene
Concen: 1.708 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:146 Resp: 4503

Ion	Ratio	Lower	Upper
146	100		
111	43.7	27.9	51.9
148	62.6	45.2	84.0



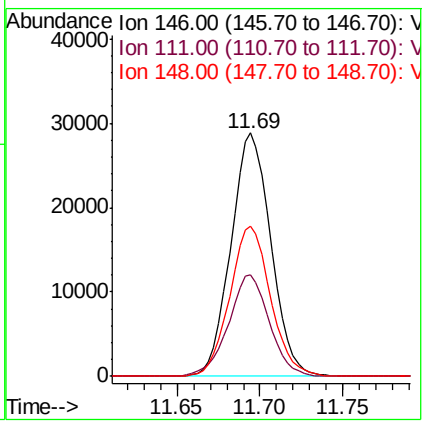


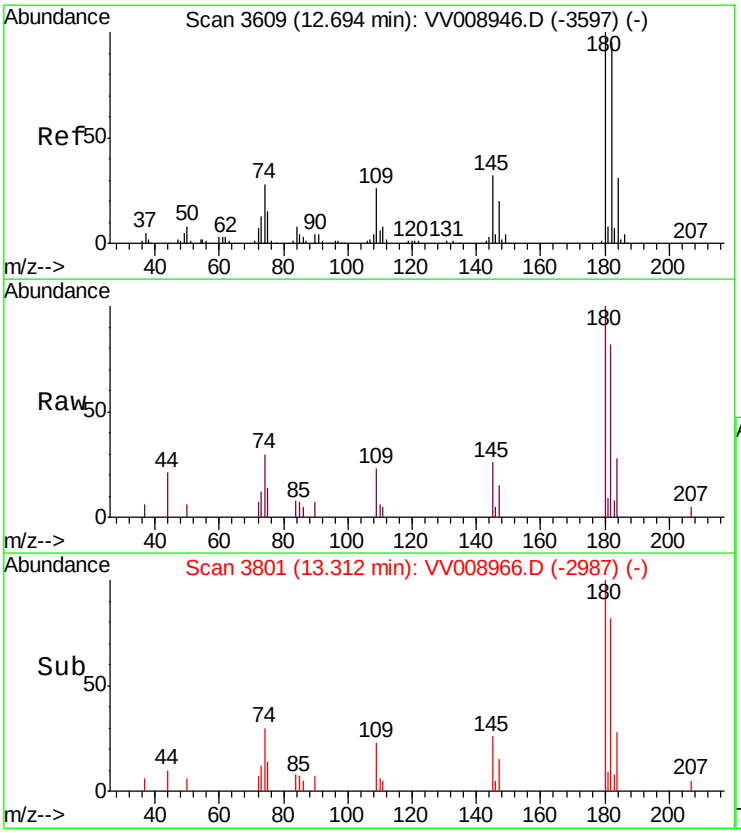
#65
1,2-Dichlorobenzene
Concen: 18.196 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument : MSVOA_V
ClientSampleId : C0938

Tgt Ion:146 Resp: 48368

Ion	Ratio	Lower	Upper
146	100		
111	41.6	32.8	49.2
148	61.9	50.5	75.7

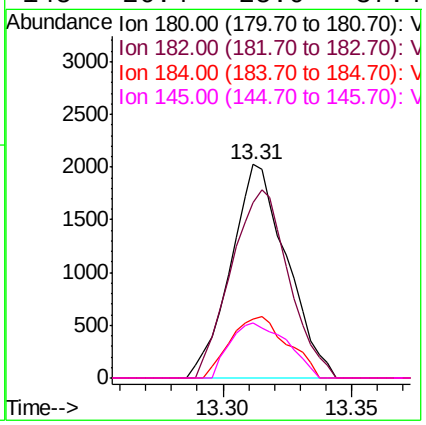


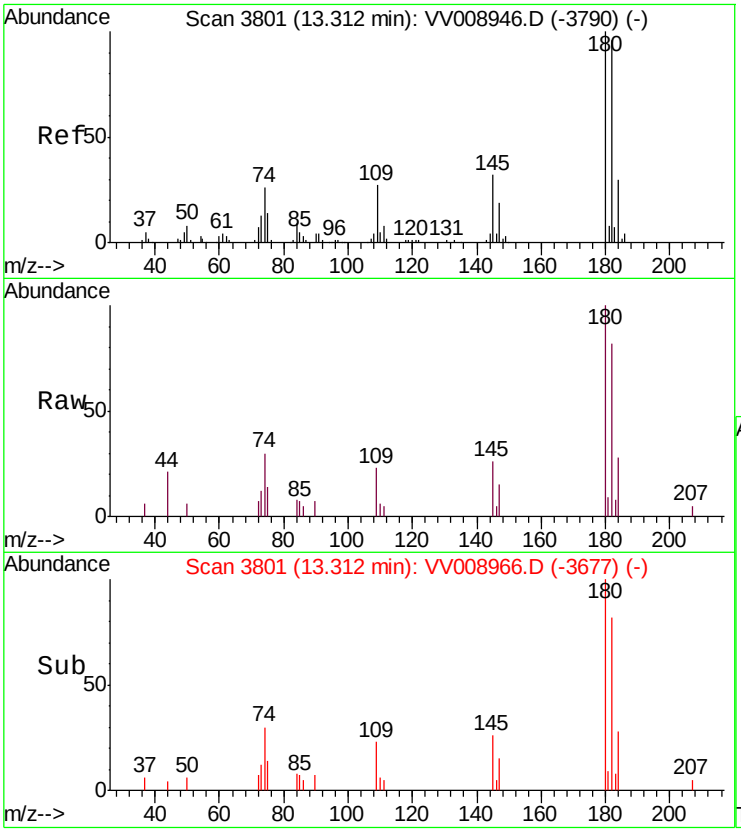


#67
1,3,5-Trichlorobenzene
Concen: 1.820 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.62 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:180 Resp: 3070

Ion	Ratio	Lower	Upper
180	100		
182	90.5	75.4	113.0
184	29.1	24.2	36.2
145	26.4	25.0	37.4



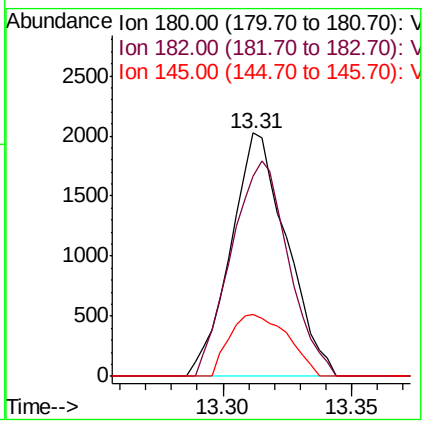


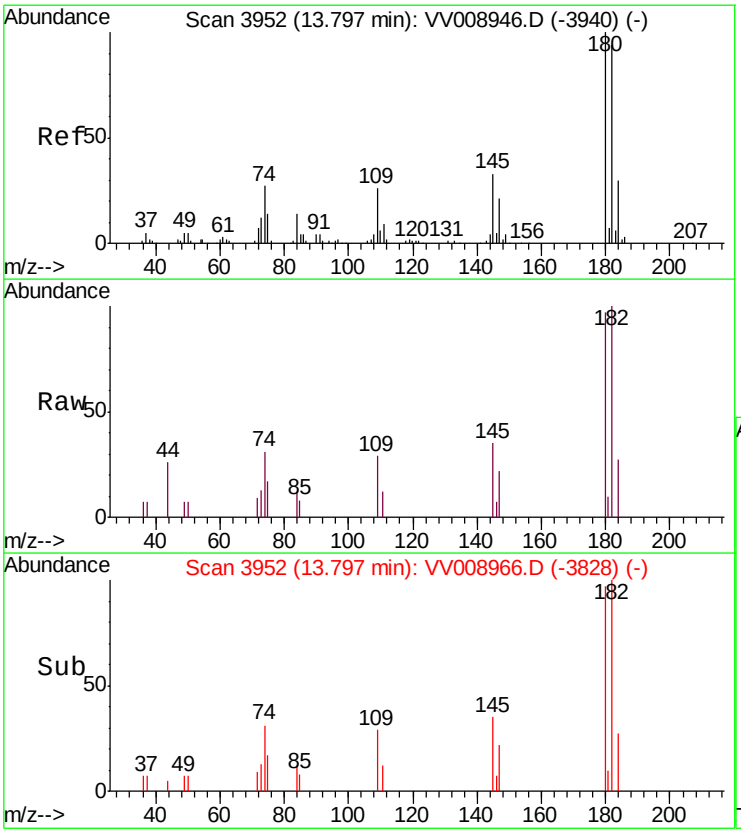
#68
1,2,4-trichlorobenzene
Concen: 2.653 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Instrument : MSVOA_V
ClientSampleId : C0938

Tgt Ion:180 Resp: 3070

Ion	Ratio	Lower	Upper
180	100		
182	90.5	75.7	113.5
145	26.4	25.0	37.4





#70
1,2,3-Trichlorobenzene
Concen: 2.142 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008966.D
Acq: 15 Dec 2018 05:51

Tgt Ion:180 Resp: 2496

Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.6	115.0
145	30.1	26.1	39.1