Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

Quantitation Report (Not Reviewed)

Data File : VV008972.D
Acq On : 17 Dec 2018 12:07
Operator : SY/MD
Sample : J6383-03DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0937DL

Quant Time: Dec 18 01:49:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226185	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	206749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93950	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47415	35.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.80%			
7) Chloroethane-d5	1.57	69	38209	45.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.92%			
11) 1,1-Dichloroethene-d2	2.13	63	101714	32.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.22%			
21) 2-Butanone-d5	3.93	46	90327	102.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.42%			
24) Chloroform-d	4.40	84	129177	45.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.66%			
26) 1,2-Dichloroethane-d4	5.08	65	83985	46.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.56%			
32) Benzene-d6	5.10	84	258053	46.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.64%			
36) 1,2-Dichloropropane-d6	6.12	67	79146	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.54%			
41) Toluene-d8	7.36	98	237093	45.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.66%			
43) trans-1,3-Dichloropropene-	7.66	79	39504	46.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.04%			
47) 2-Hexanone-d5	8.13	63	59867	96.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.61%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97175	44.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.92%			
64) 1,2-Dichlorobenzene-d4	11.68	152	93232	48.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.22%			
Target Compounds						Qvalue
5) Vinyl chloride	1.22	62	2825	2.029	ug/L #	42
9) Trichlorofluoromethane	2.13	101	1132	0.449	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1132	0.733	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	830	0.591	ug/L #	1
13) Acetone	2.20	43	5323	4.014	ug/L	90
16) Methylene chloride	2.53	84	573	0.366	ug/L	91
35) Methylcyclohexane	6.12	83	19621	8.042	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8699	5.904	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2617	1.114	ug/L #	68
48) 2-Hexanone	8.18	43	3104	2.190	ug/L #	87
51) Chlorobenzene	8.93	112	17875	4.296	ug/L	100
59) 1,2,3-Trichloropropane	11.30	75	13791	7.432	ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	3614	1.200	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	15113	4.983	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	117164	38.313	ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	12125	6.247	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	12125	9.107	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

Quantitation Report (Not Reviewed)

Data File : VV008972.D
Acq On : 17 Dec 2018 12:07
Operator : SY/MD
Sample : J6383-03DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0937DL

Quant Time: Dec 18 01:49:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.80	180	8663	6.461	ug/L	98

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

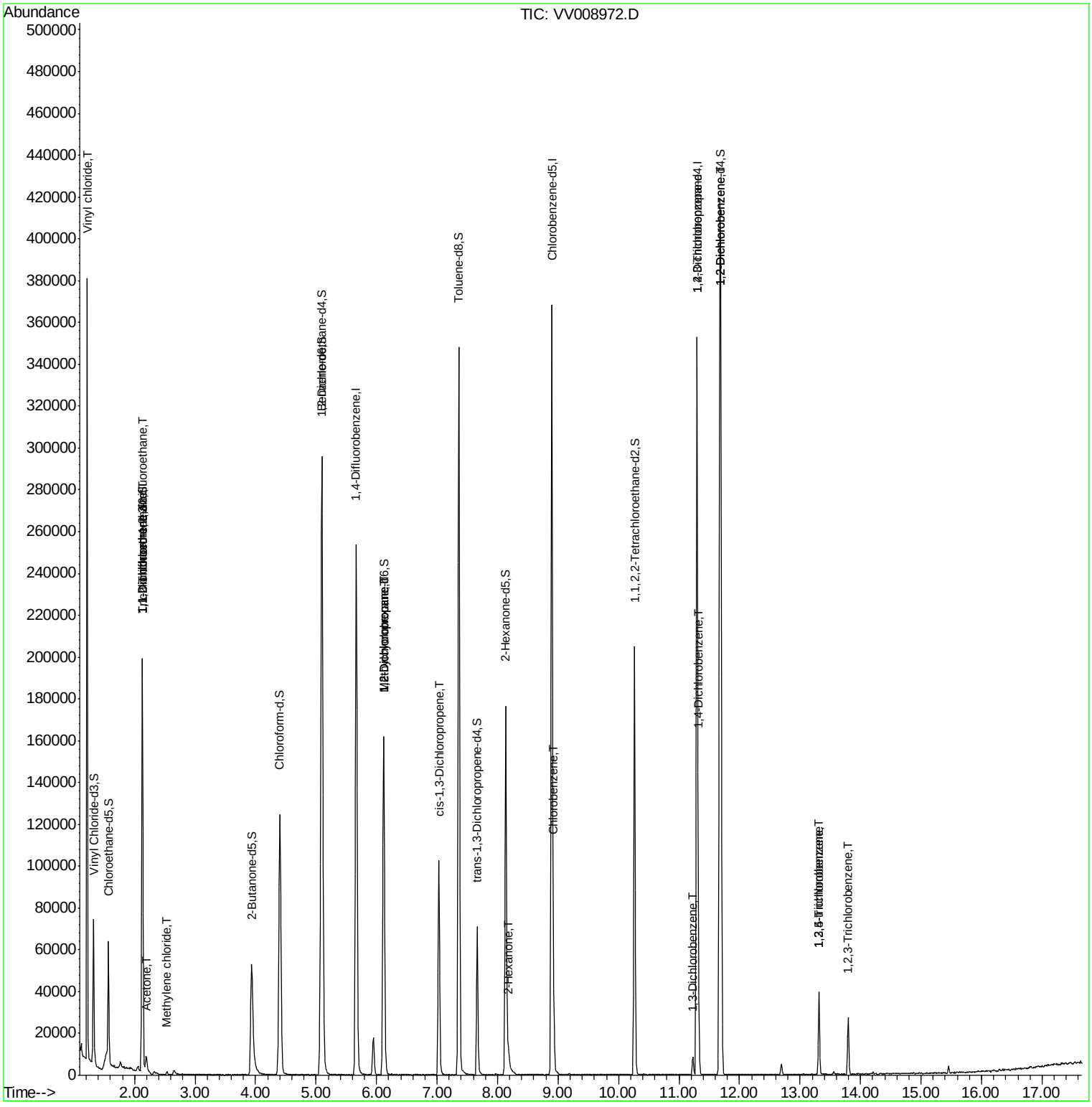
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

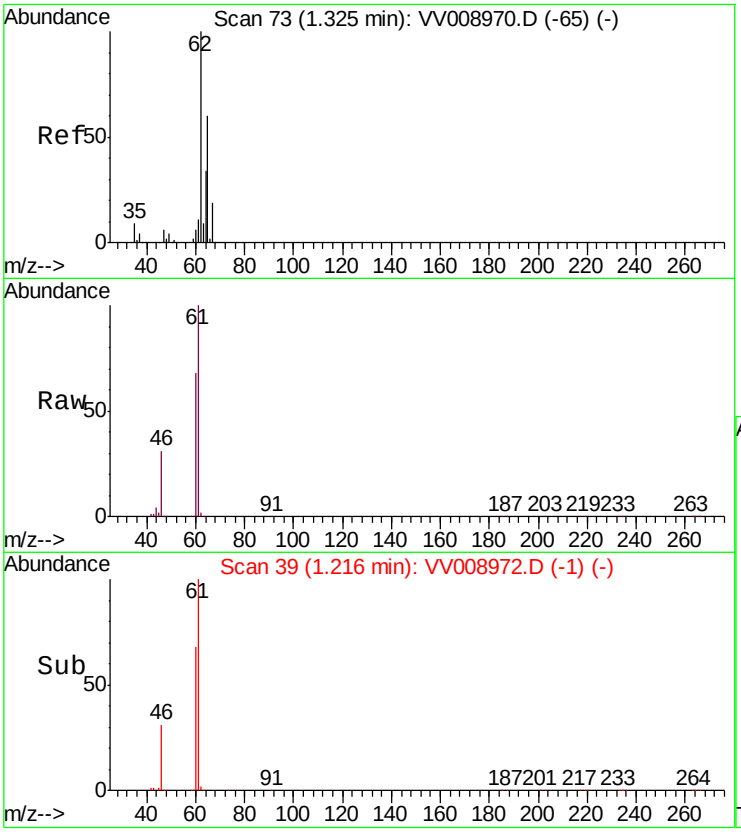
Quantitation Report (Not Reviewed)

Data File : VV008972.D
Acq On : 17 Dec 2018 12:07
Operator : SY/MD
Sample : J6383-03DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0937DL

Quant Time: Dec 18 01:49:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration



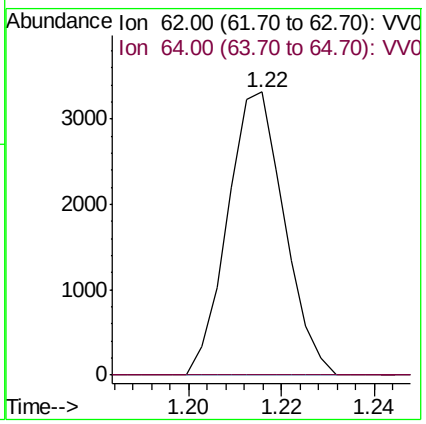


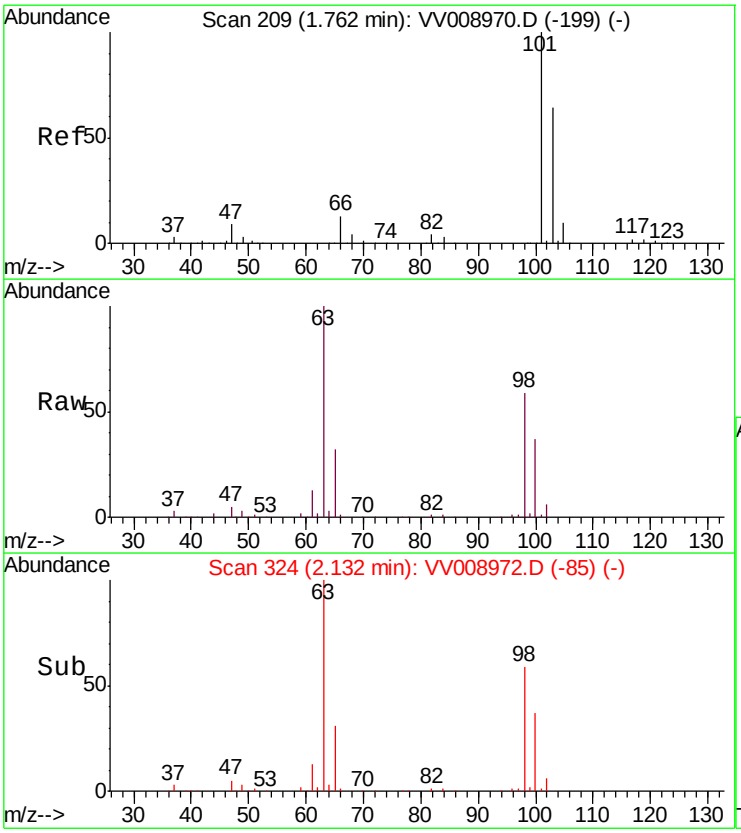
#5
Vinyl chloride
Concen: 2.029 ug/L
RT: 1.22 min Scan# 39
Delta R.T. -0.11 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument : MSVOA_V
ClientSampleId : C0937DL

Tgt Ion: 62 Resp: 2825

Ion	Ratio	Lower	Upper
62	100		
64	0.0	22.9	42.5#

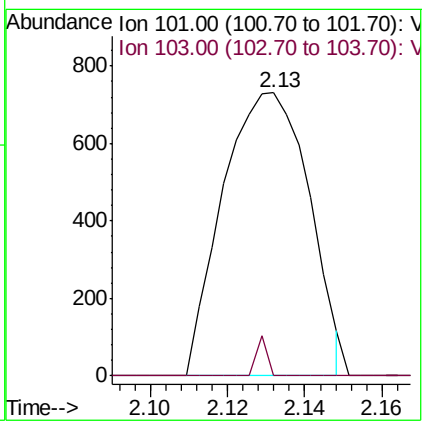


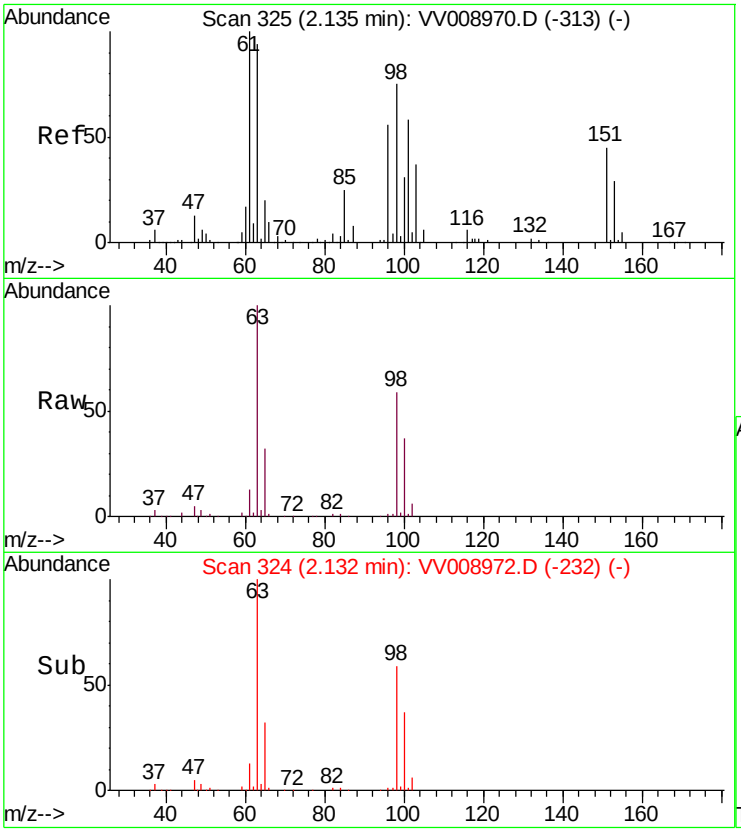


#9
Trichlorofluoromethane
Concen: 0.449 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.37 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion:101 Resp: 1132

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.5	77.3#



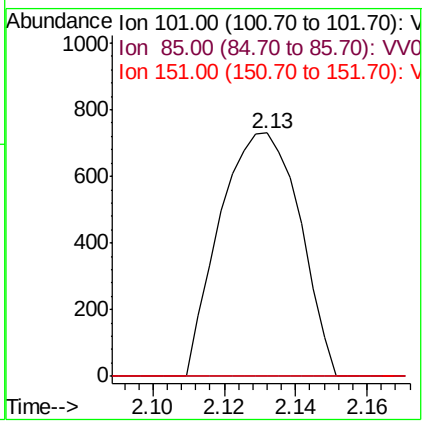


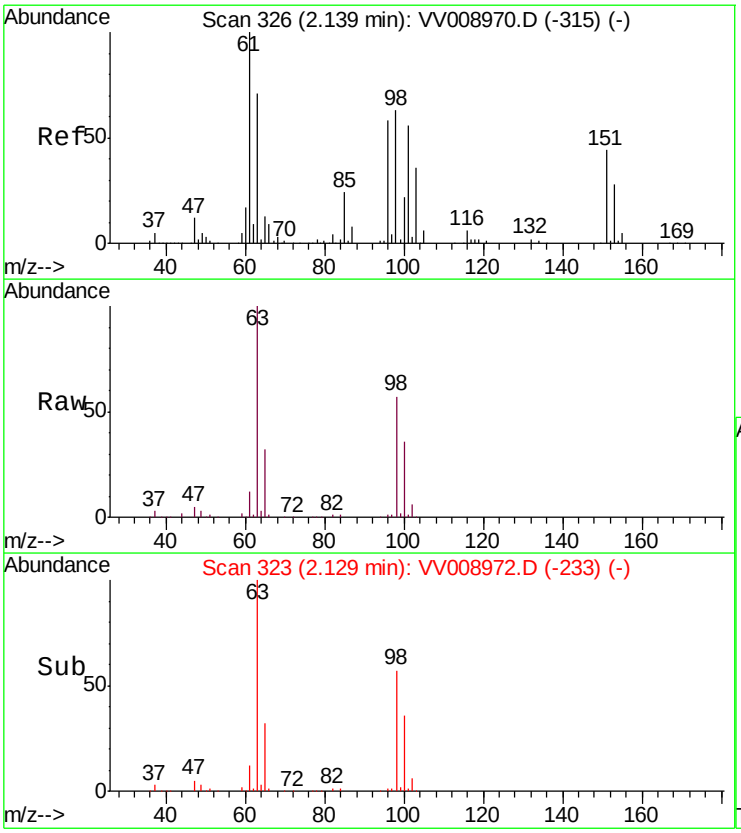
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.733 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument :
MSVOA_V
ClientSampleId :
C0937DL

Tgt Ion:101 Resp: 1132

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

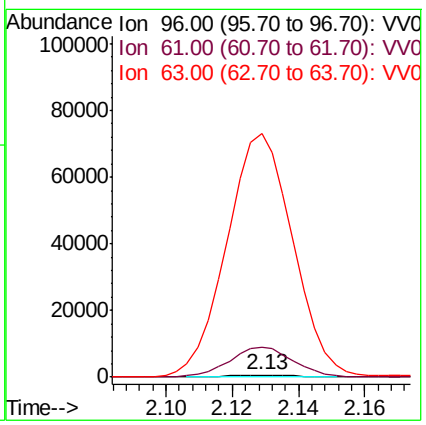


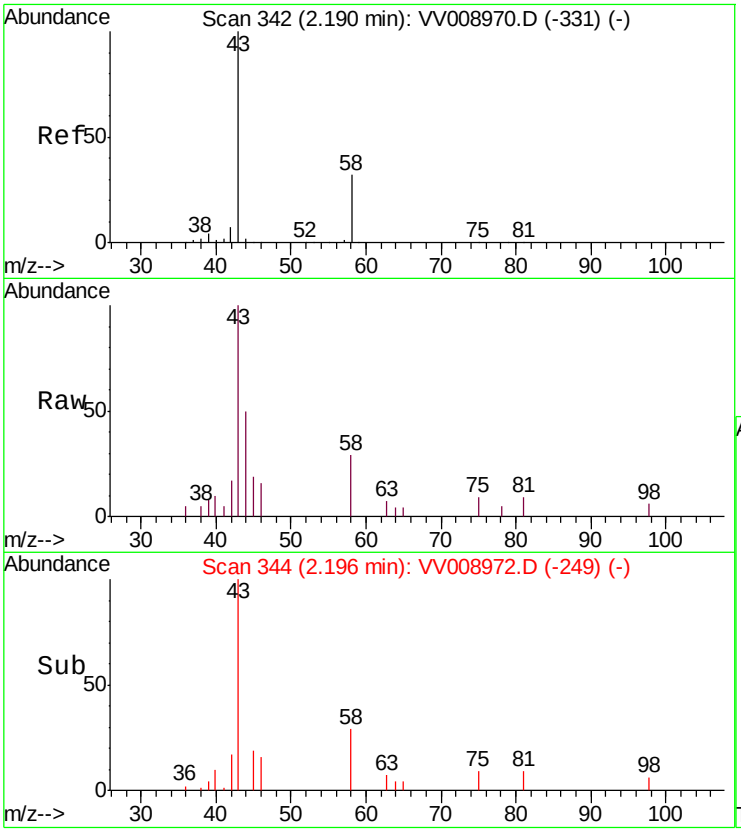


#12
1,1-Dichloroethene
Concen: 0.591 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion: 96 Resp: 830

Ion	Ratio	Lower	Upper
96	100		
61	1650.0	119.1	221.3#
63	13237.7	96.0	178.2#



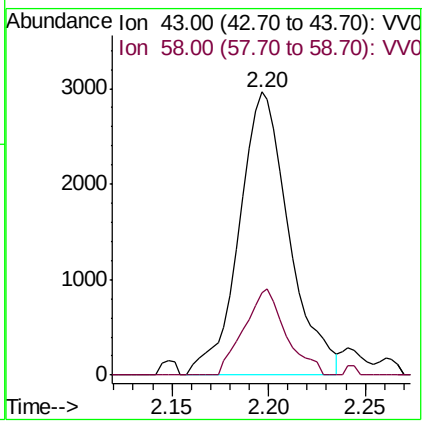


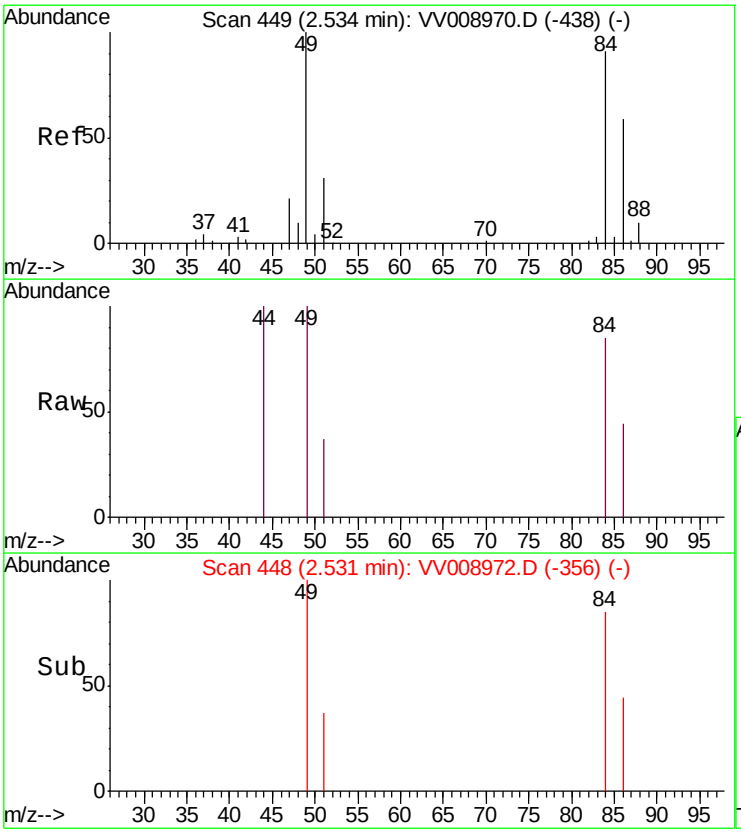
#13
Acetone
Concen: 4.014 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.01 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument : MSVOA_V
ClientSampleId : C0937DL

Tgt Ion: 43 Resp: 5323

Ion	Ratio	Lower	Upper
43	100		
58	25.6	0.0	61.8

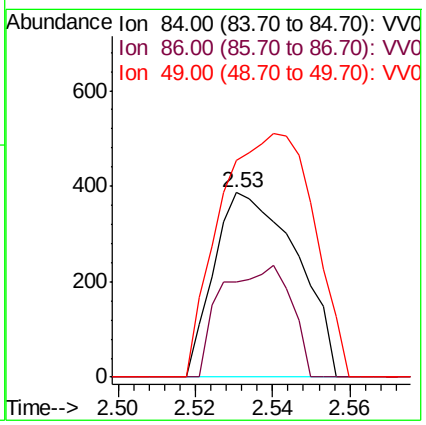


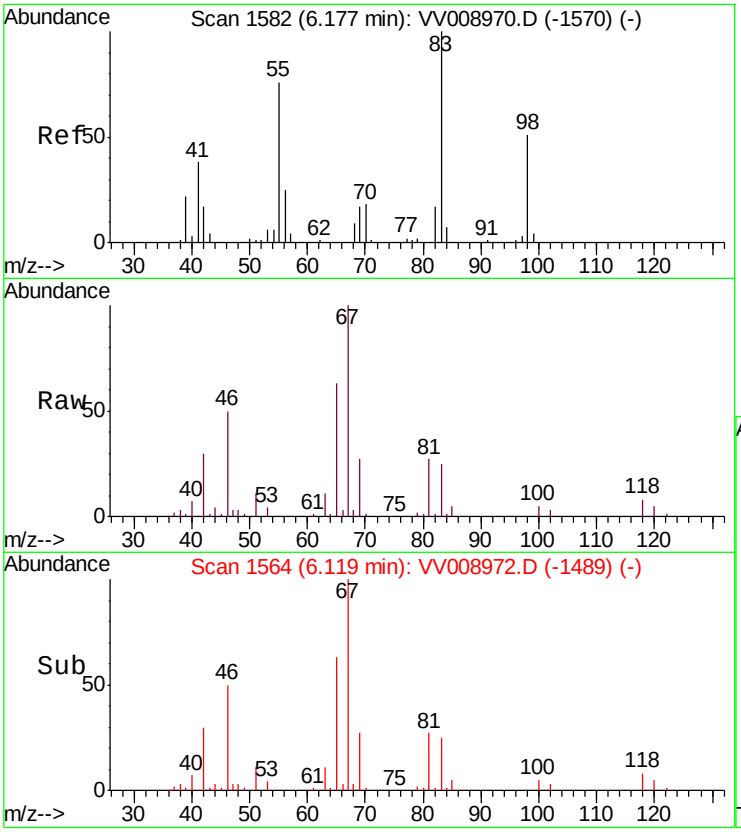


#16
Methylene chloride
Concen: 0.366 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion: 84 Resp: 573

Ion	Ratio	Lower	Upper
84	100		
86	51.6	44.2	82.0
49	117.4	77.4	143.8



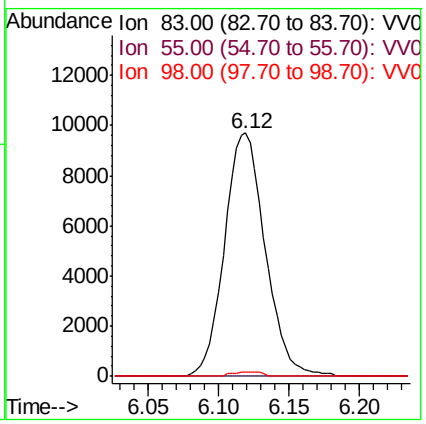


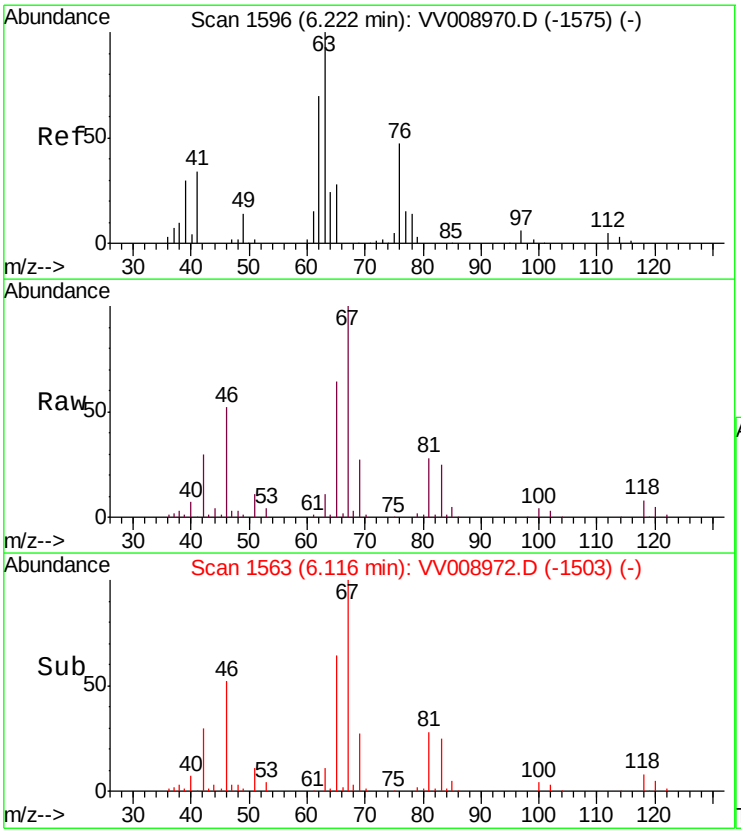
#35
Methylcyclohexane
Concen: 8.042 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument : MSVOA_V
ClientSampleId : C0937DL

Tgt Ion: 83 Resp: 19621

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

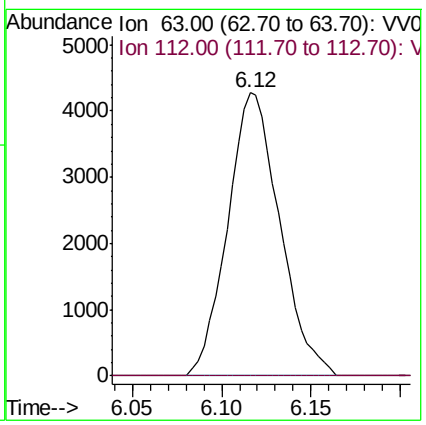


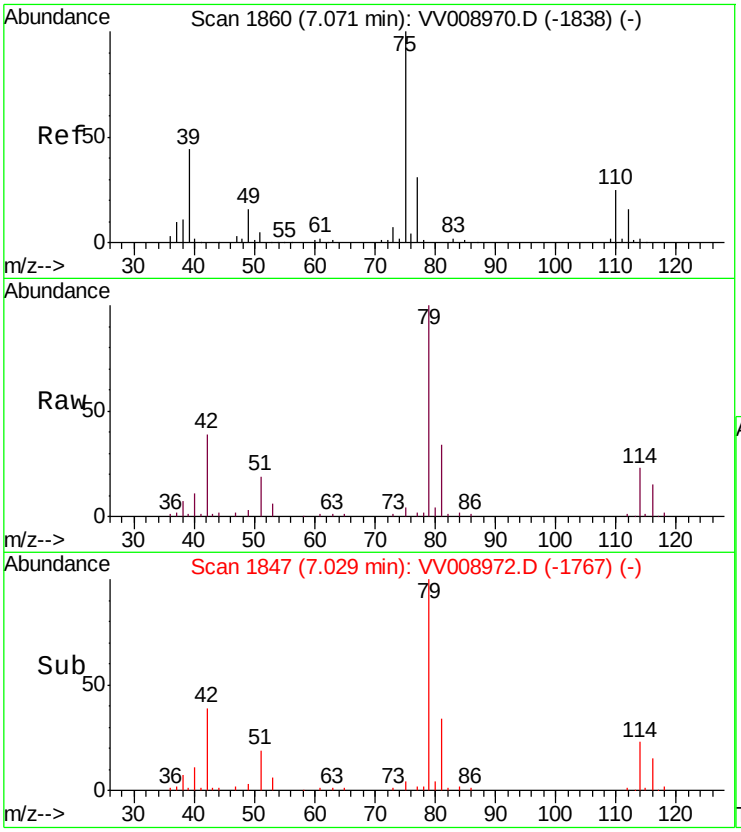


#37
1,2-Dichloropropane
Concen: 5.904 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion: 63 Resp: 8699

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



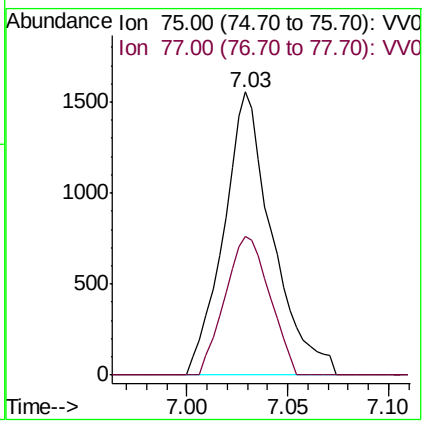


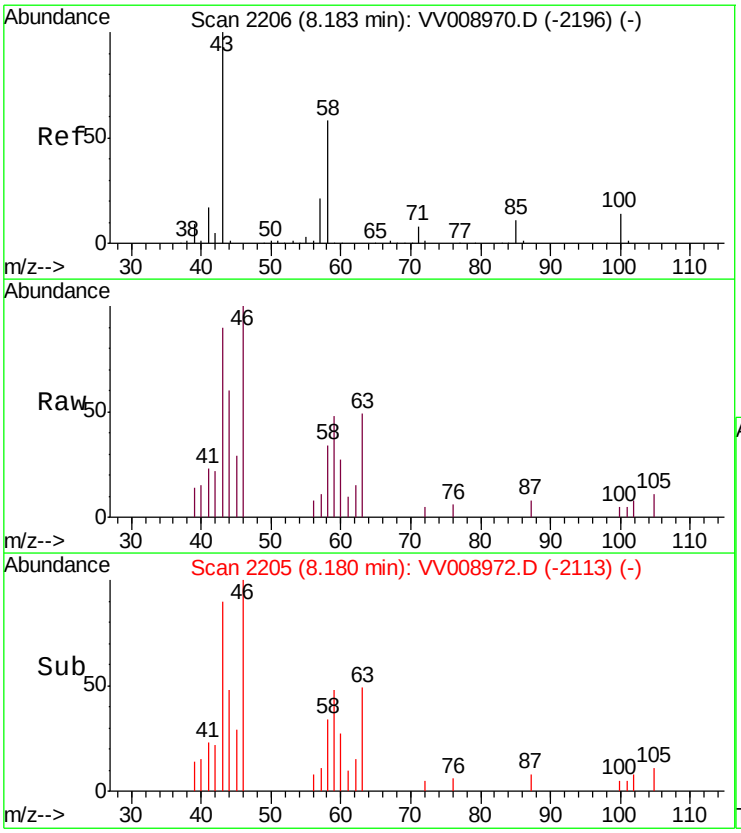
#39
cis-1,3-Dichloropropene
Concen: 1.114 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument :
MSVOA_V
ClientSampleId :
C0937DL

Tgt Ion: 75 Resp: 2617

Ion	Ratio	Lower	Upper
75	100		
77	49.0	21.8	40.4#

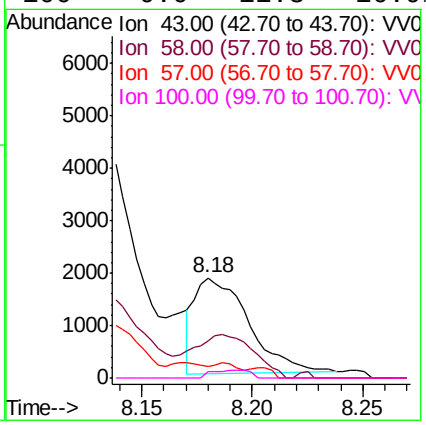


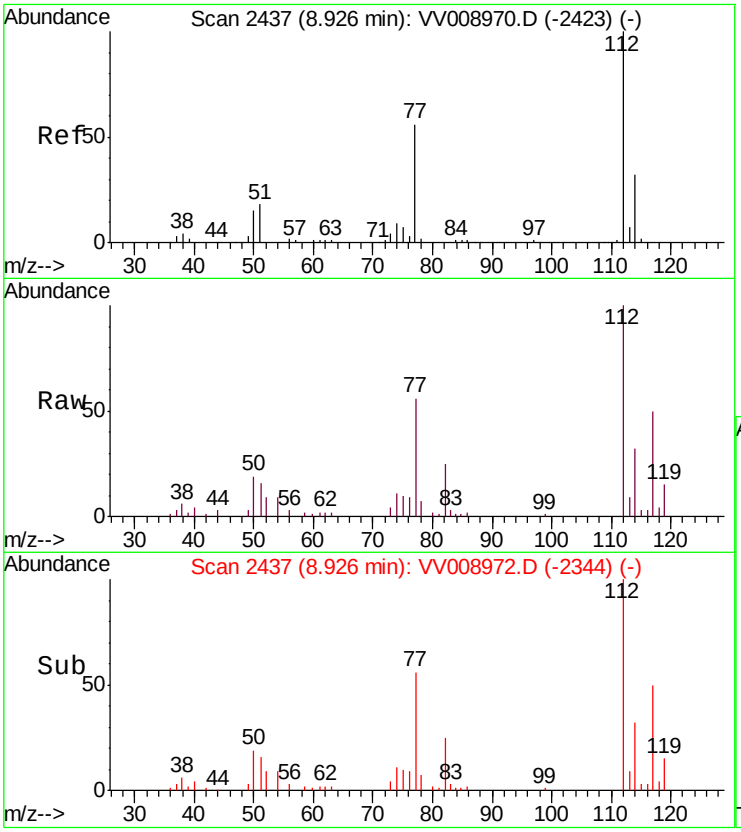


#48
2-Hexanone
Concen: 2.190 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion: 43 Resp: 3104

Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.7	64.1
57	7.4	15.7	23.5#
100	0.0	11.3	16.9#



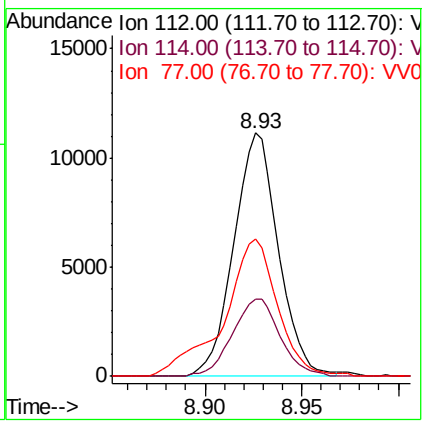


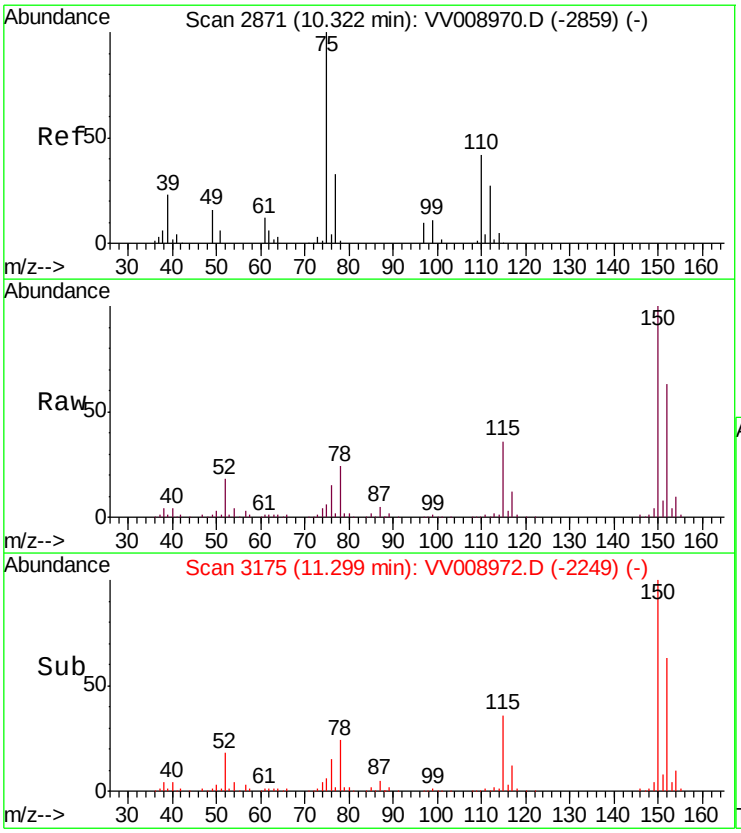
#51
Chlorobenzene
Concen: 4.296 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument : MSVOA_V
ClientSampleId : C0937DL

Tgt Ion:112 Resp: 17875

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	56.2	45.2	67.8

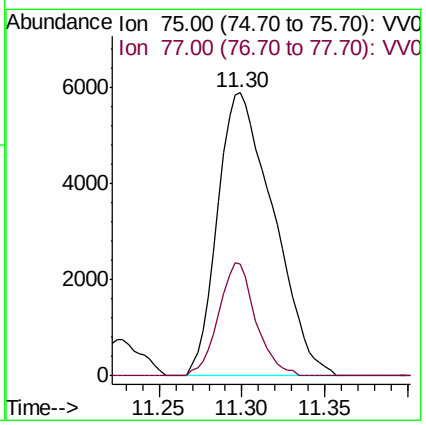


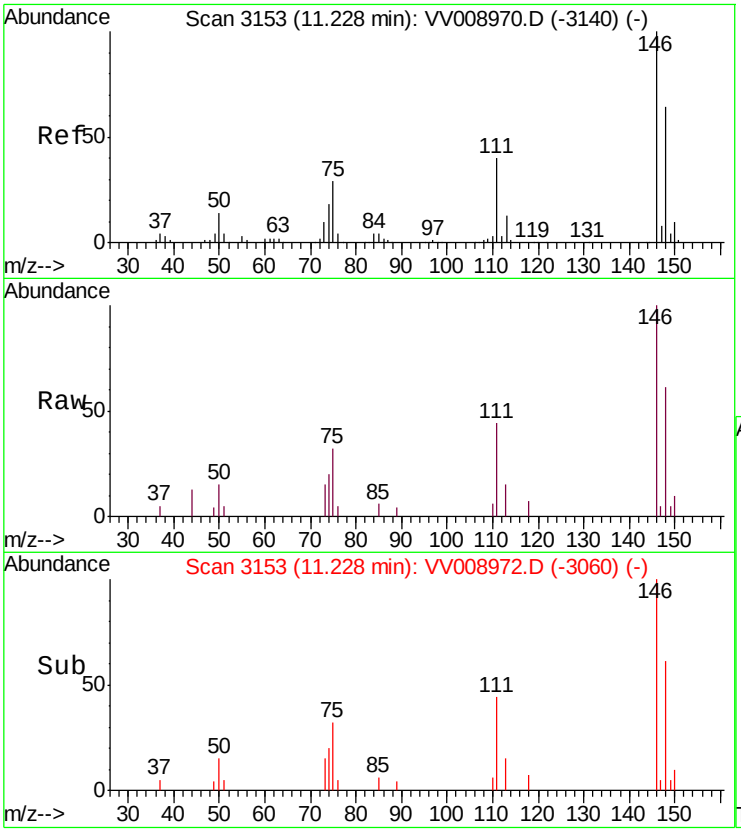


#59
1,2,3-Trichloropropane
Concen: 7.432 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion: 75 Resp: 13791

Ion	Ratio	Lower	Upper
75	100		
77	26.5	25.8	38.8



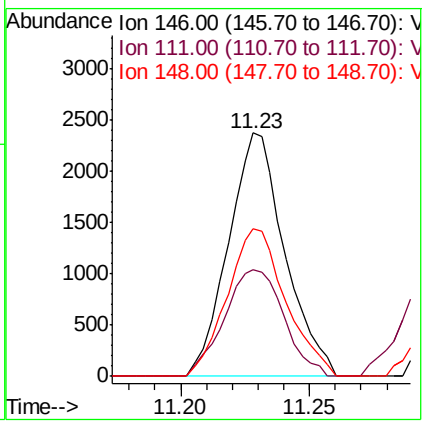


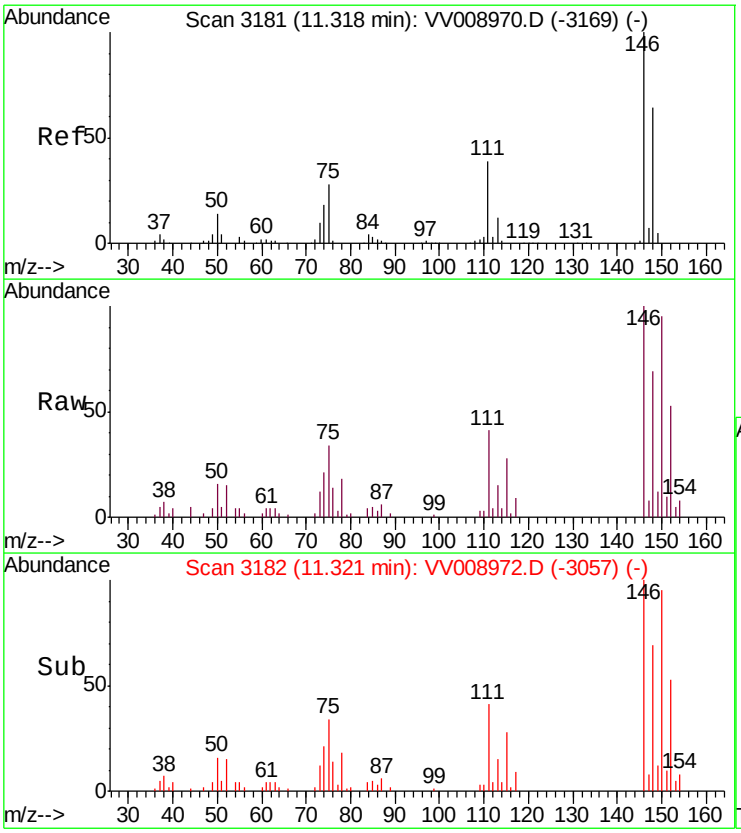
#62
1,3-Dichlorobenzene
Concen: 1.200 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument : MSVOA_V
ClientSampleId : C0937DL

Tgt Ion:146 Resp: 3614

Ion	Ratio	Lower	Upper
146	100		
111	43.9	28.3	52.7
148	60.9	44.9	83.5

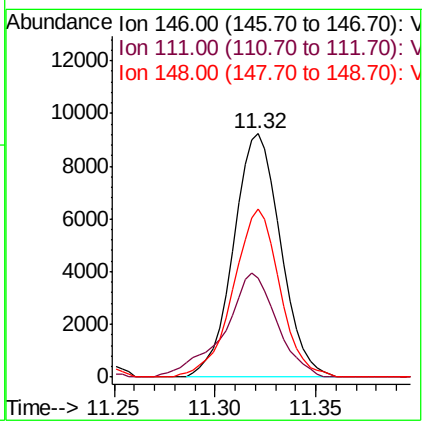


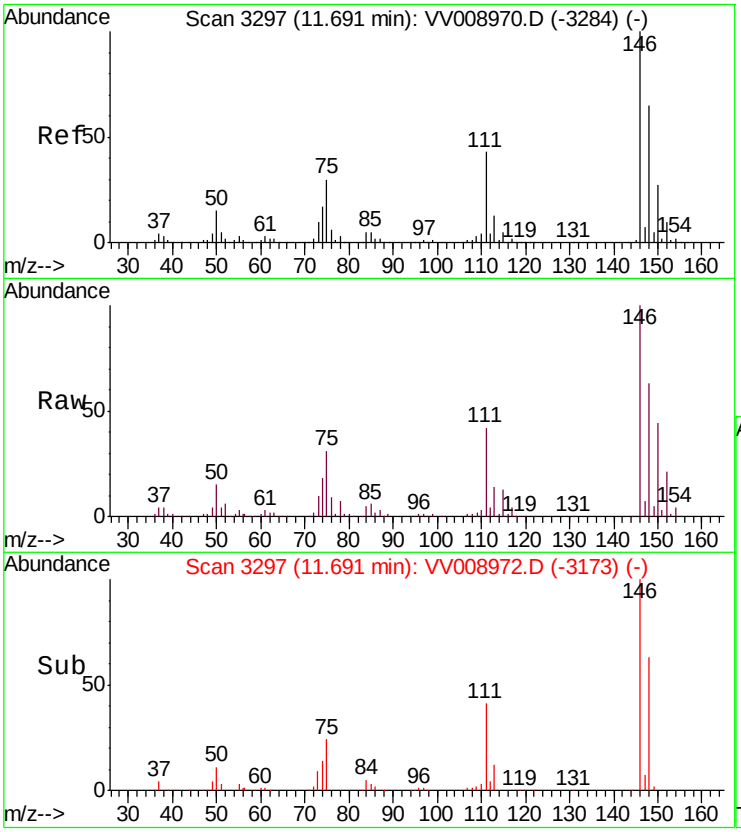


#63
1,4-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion:146 Resp: 15113

Ion	Ratio	Lower	Upper
146	100		
111	40.7	27.9	51.9
148	68.9	45.2	84.0



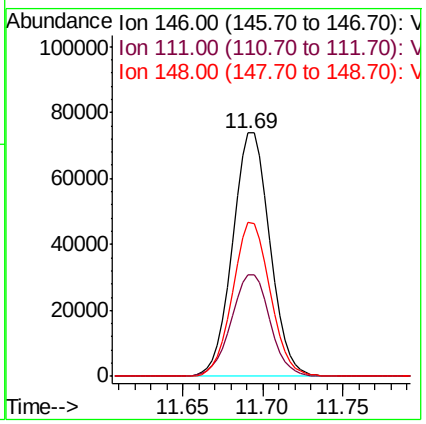


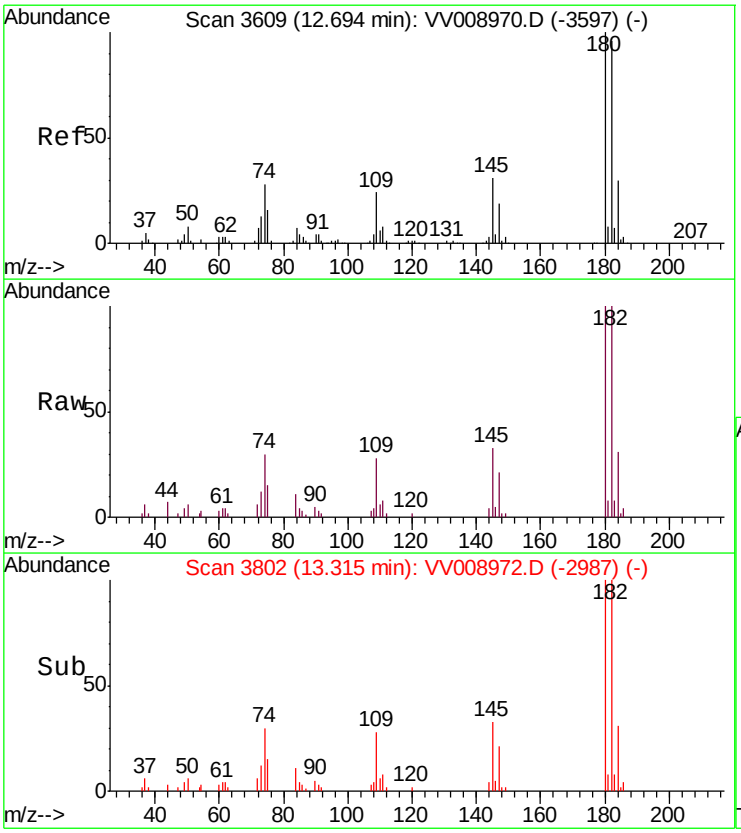
#65
1,2-Dichlorobenzene
Concen: 38.313 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument : MSVOA_V
ClientSampleId : C0937DL

Tgt Ion:146 Resp: 117164

Ion	Ratio	Lower	Upper
146	100		
111	41.9	32.8	49.2
148	63.2	50.5	75.7

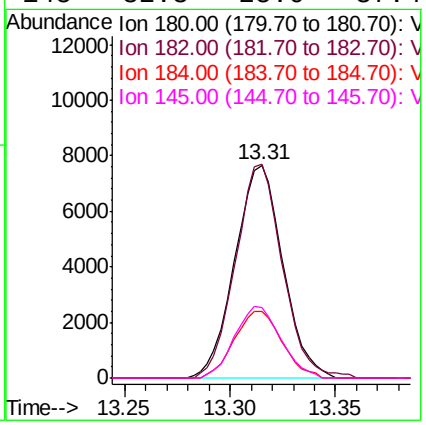


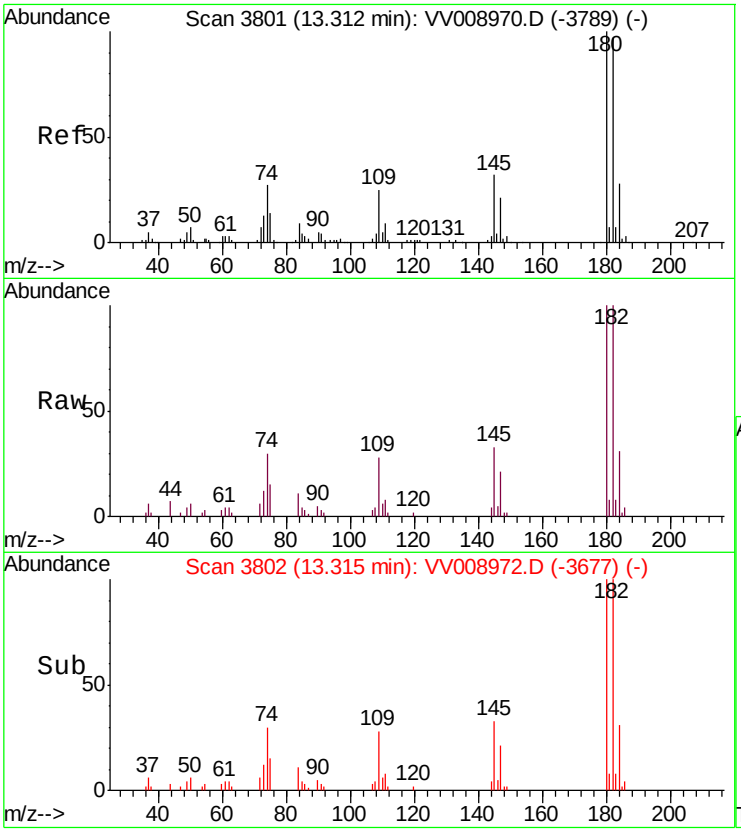


#67
1,3,5-Trichlorobenzene
Concen: 6.247 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.62 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion:180 Resp: 12125

Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.4	113.0
184	31.0	24.2	36.2
145	32.3	25.0	37.4



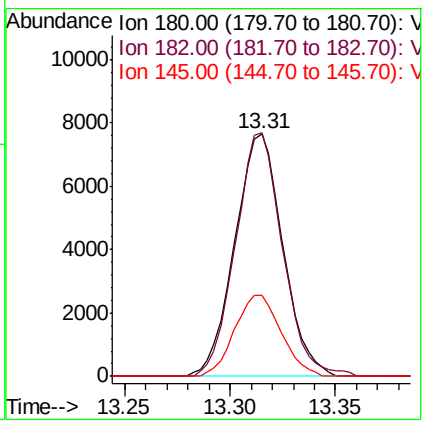


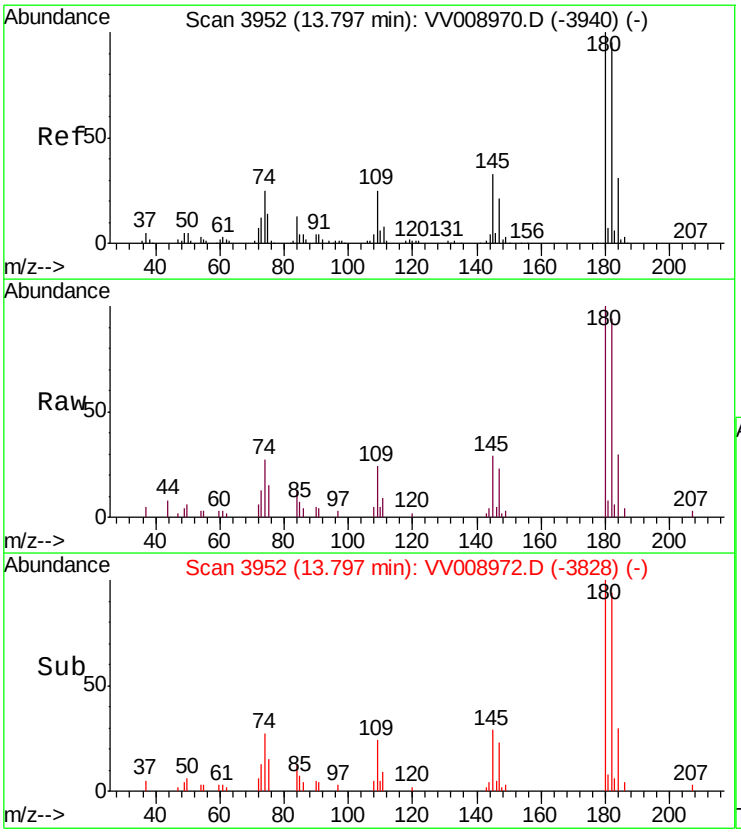
#68
1,2,4-trichlorobenzene
Concen: 9.107 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Instrument :
MSVOA_V
ClientSampleId :
C0937DL

Tgt Ion:180 Resp: 12125

Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.7	113.5
145	32.3	25.0	37.4





#70
1,2,3-Trichlorobenzene
Concen: 6.461 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008972.D
Acq: 17 Dec 2018 12:07

Tgt Ion:180 Resp: 8663

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	115.0
145	31.4	26.1	39.1