Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV008004.D
Acq On : 01 Oct 2018 19:37
Operator : SY/MD
Sample : J5091-07DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 02 04:18:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42110	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24673	5.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.00%			
7) Chloroethane-d5	1.59	69	20732	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.14	63	38359	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.96	46	67005	46.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.88%			
24) Chloroform-d	4.41	84	57436	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.09	65	28908	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.10	84	103864	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.12	67	32426	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.36	98	97168	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.67	79	10972	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.14	63	49006	45.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.44%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22691	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	41307	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
8) Chloroethane	1.32	64	378	0.089	ug/L #	1
16) Methylene chloride	2.54	84	4906	0.754	ug/L	92
25) Chloroform	4.43	83	100507	8.443	ug/L	95
31) Carbon tetrachloride	4.88	117	76432	8.652	ug/L	100
35) Methylcyclohexane	6.12	83	7953	0.776	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3649	0.599	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	780	0.096	ug/L #	60
51) Chlorobenzene	8.93	112	11042	0.615	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	6541	0.471	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	11249	0.778	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	13894	1.060	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	1767	0.176	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	541	0.059	ug/L	95

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

Quantitation Report (Not Reviewed)

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Misc : 25.0 mL/MSVOA_V/WATER
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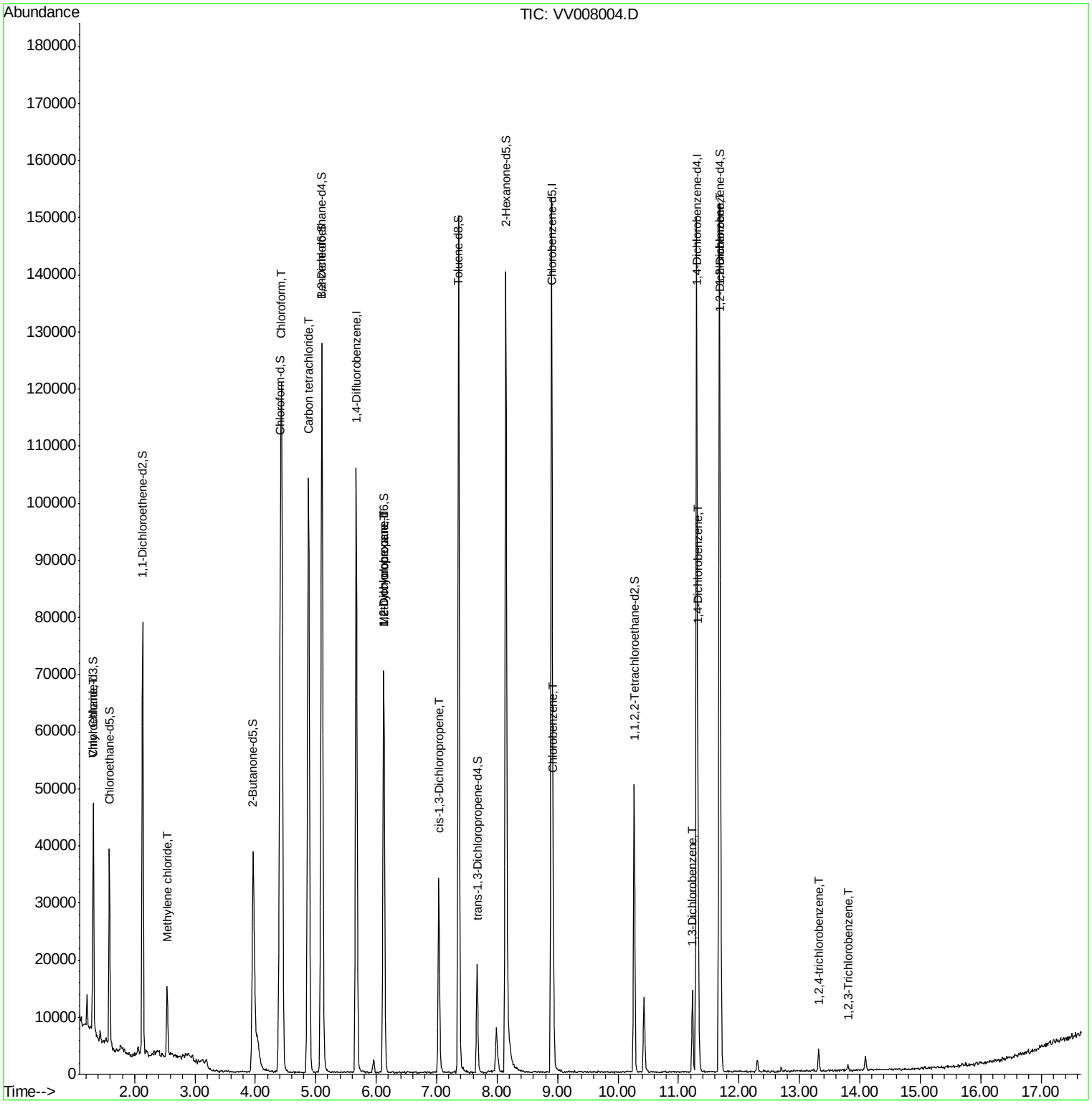
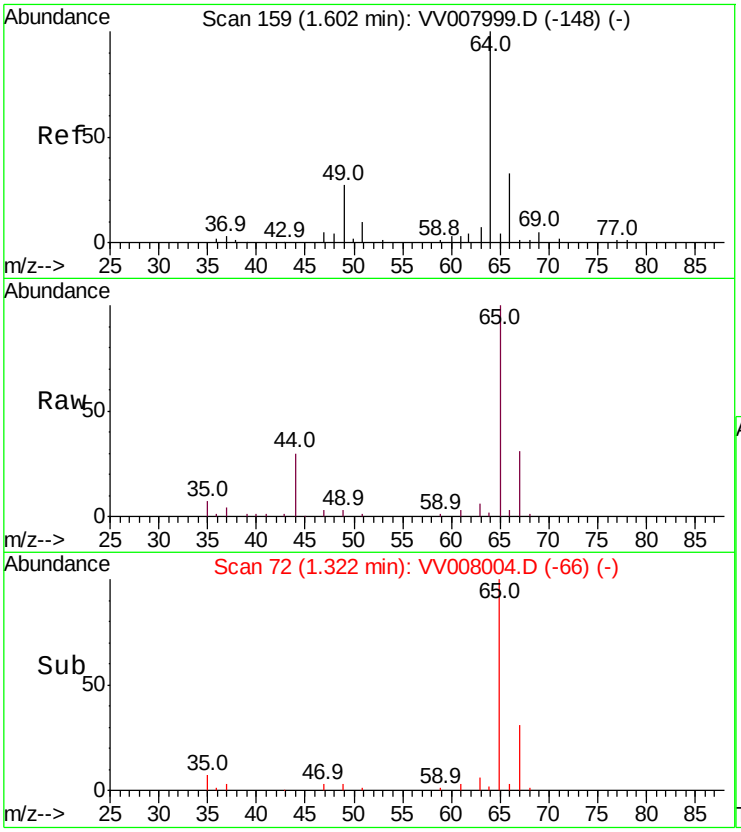
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 02 04:18:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration



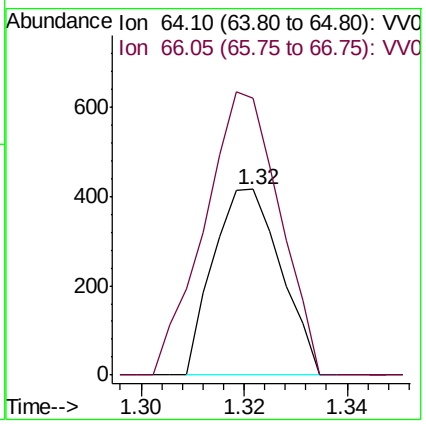


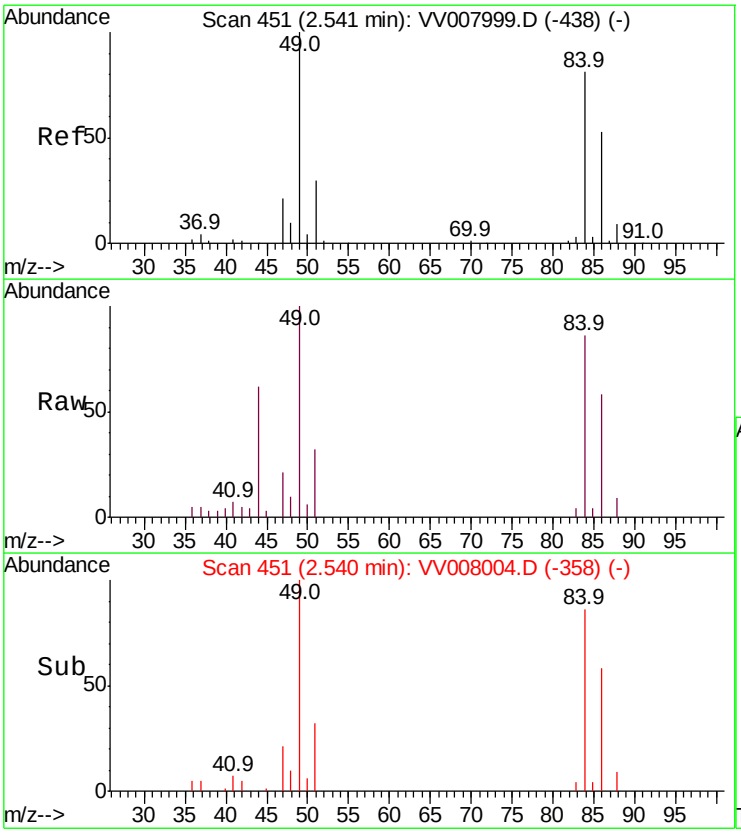
#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.28 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 378

Ion	Ratio	Lower	Upper
64	100		
66	149.3	23.1	42.9#

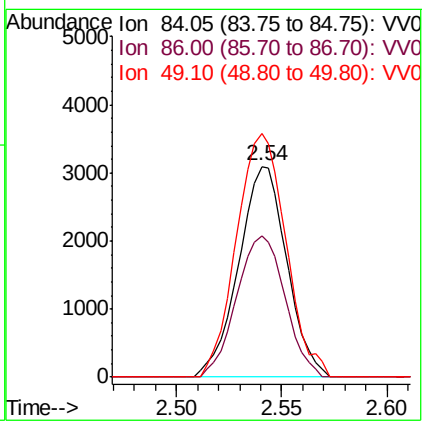


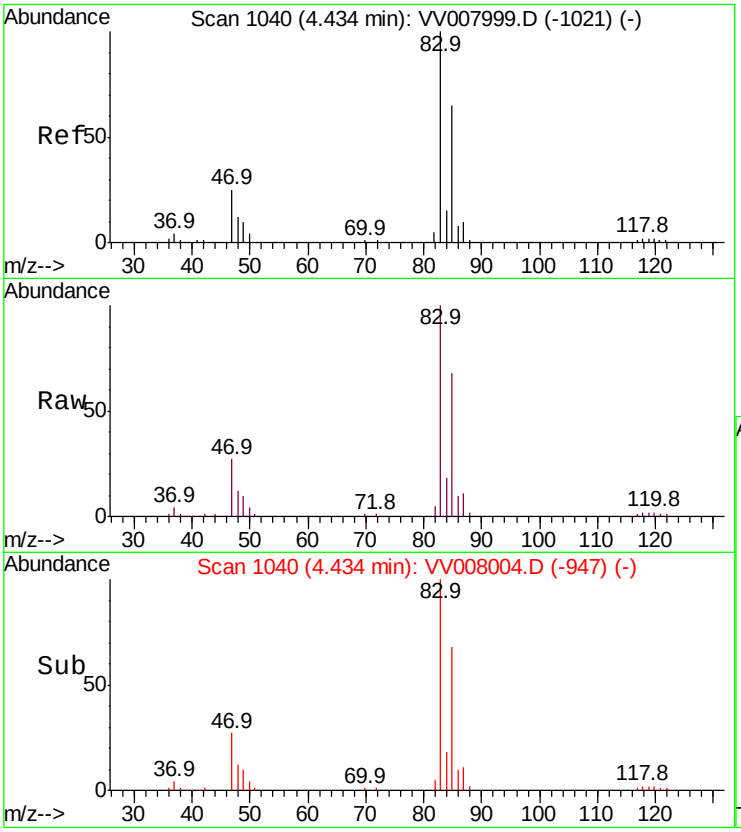


#16
Methylene chloride
Concen: 0.754 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Tgt Ion: 84 Resp: 4906

Ion	Ratio	Lower	Upper
84	100		
86	66.9	47.3	87.8
49	115.6	90.0	167.2



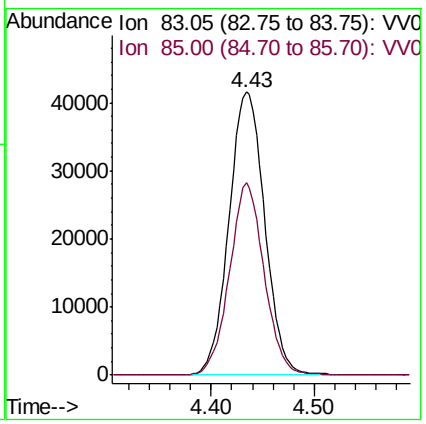


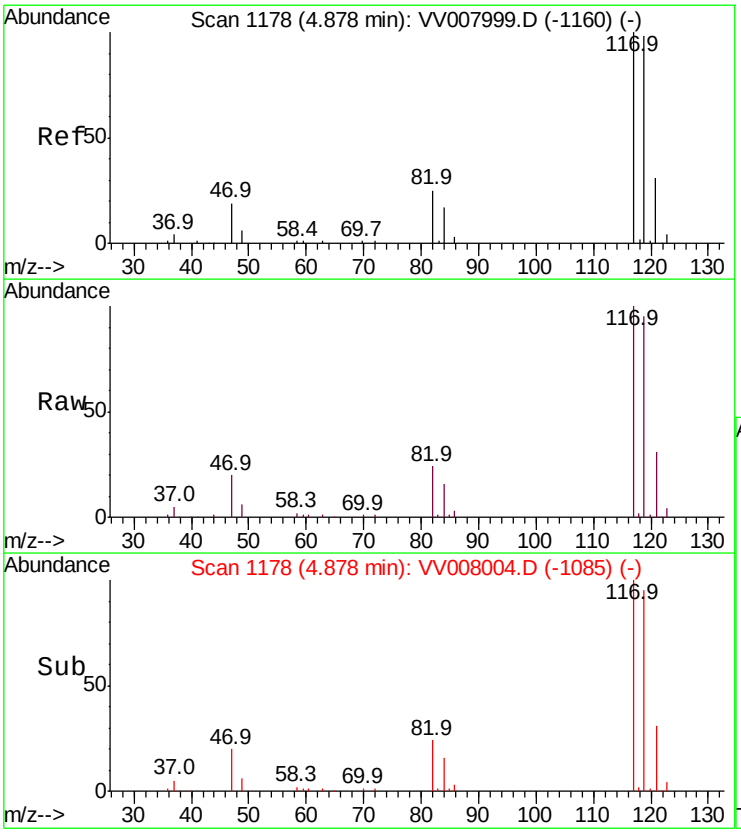
#25
Chloroform
Concen: 8.443 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 100507

Ion	Ratio	Lower	Upper
83	100		
85	67.9	44.8	83.2

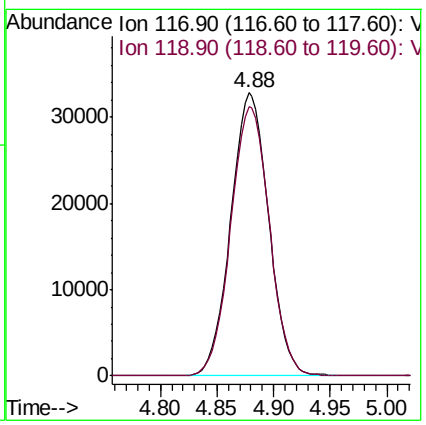


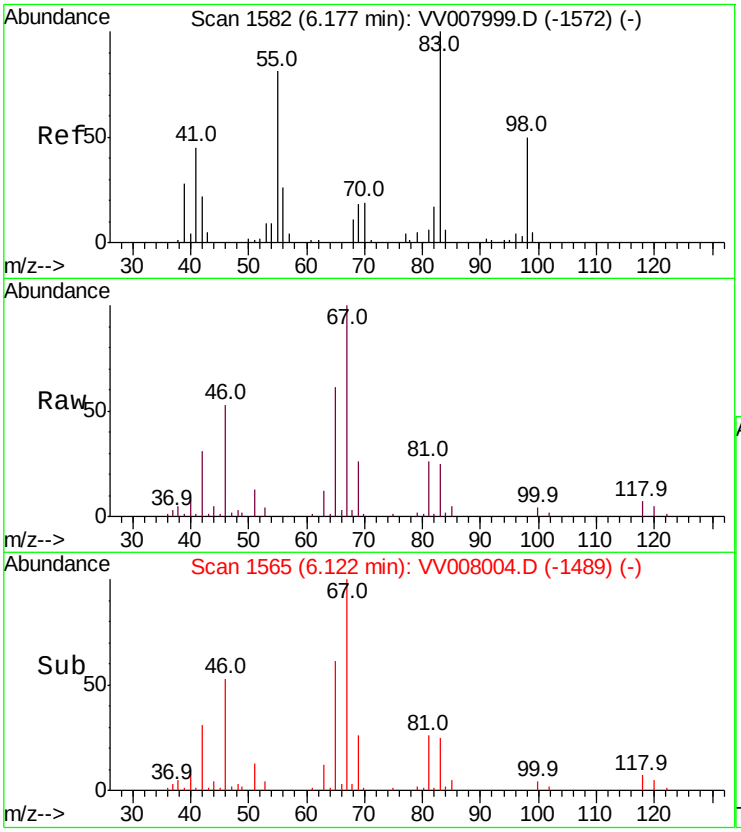


#31
Carbon tetrachloride
Concen: 8.652 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Tgt Ion:117 Resp: 76432

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8



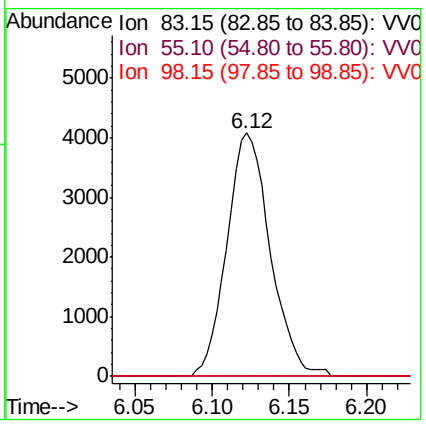


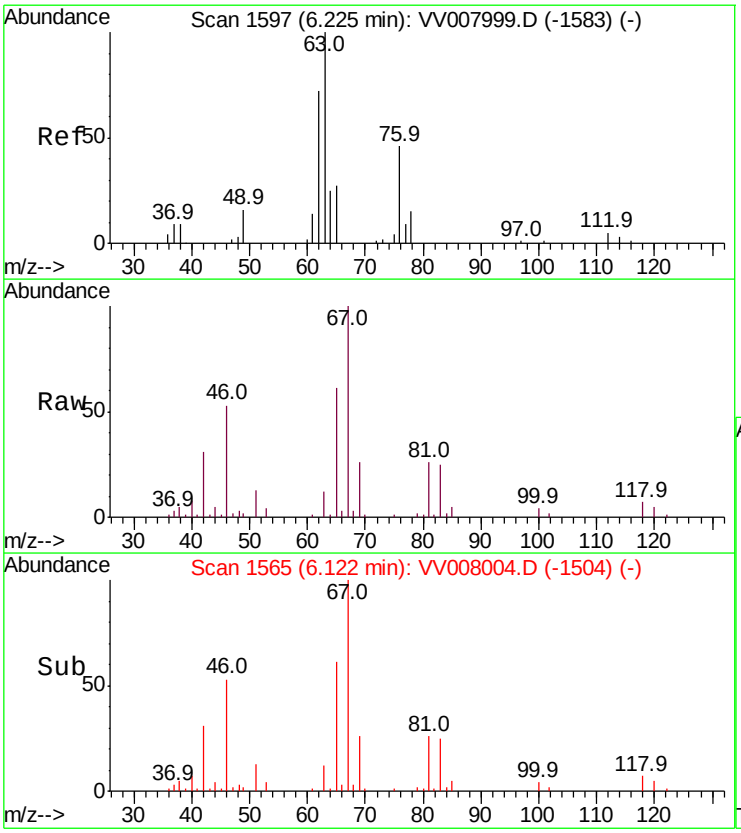
#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7953

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.2#
98	2.1	38.0	57.0#

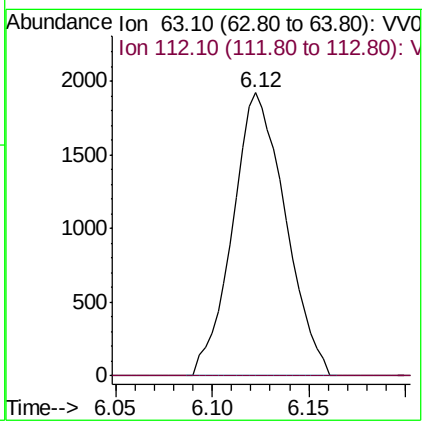


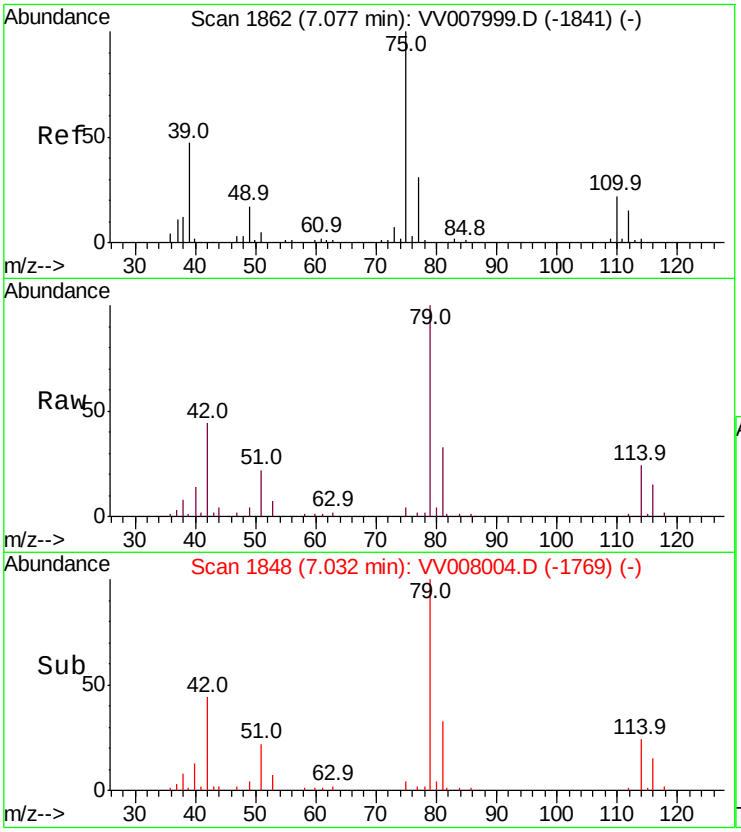


#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Tgt Ion: 63 Resp: 3649

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



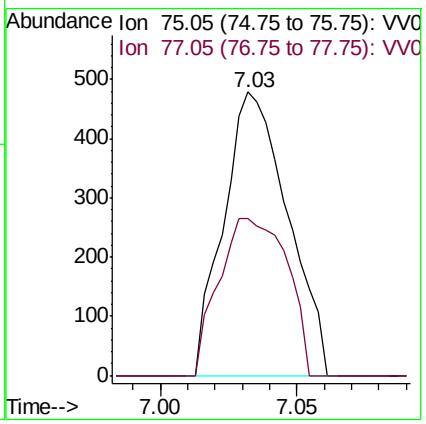


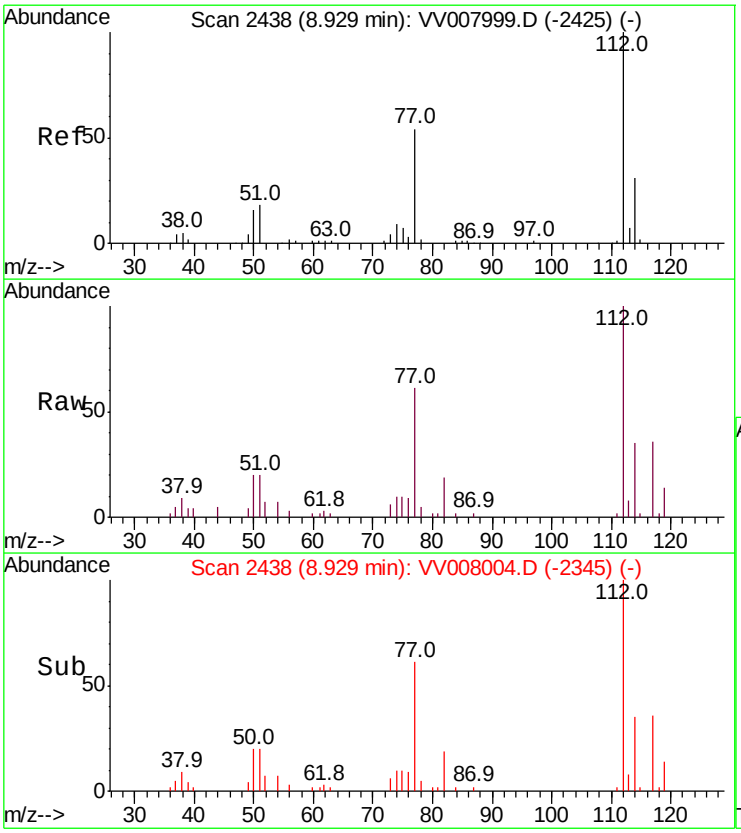
#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.05 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 780

Ion	Ratio	Lower	Upper
75	100		
77	55.4	22.9	42.5#

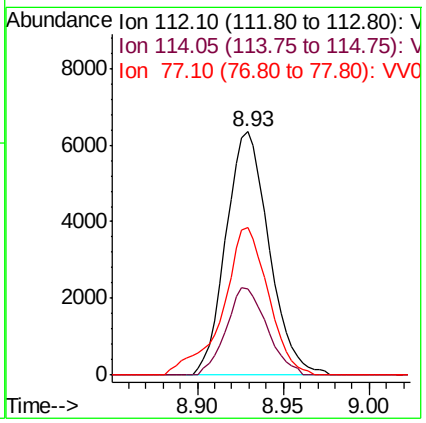


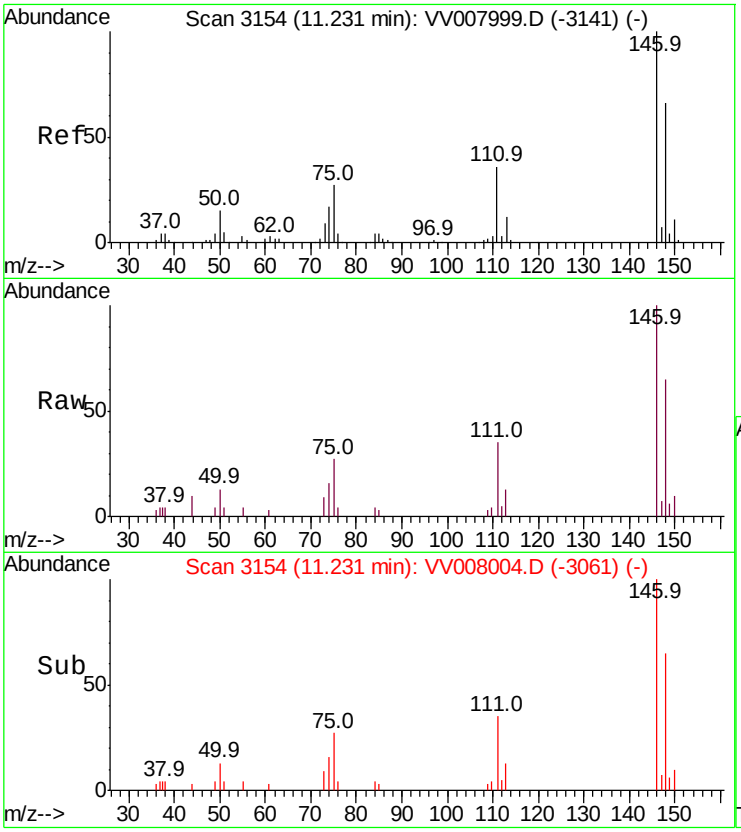


#51
Chlorobenzene
Concen: 0.615 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Tgt Ion:112 Resp: 11042

Ion	Ratio	Lower	Upper
112	100		
114	35.2	22.4	41.6
77	60.6	45.0	67.6



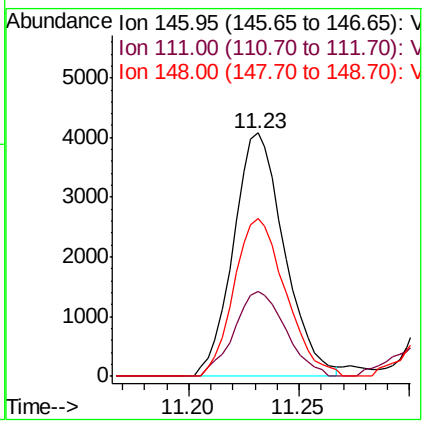


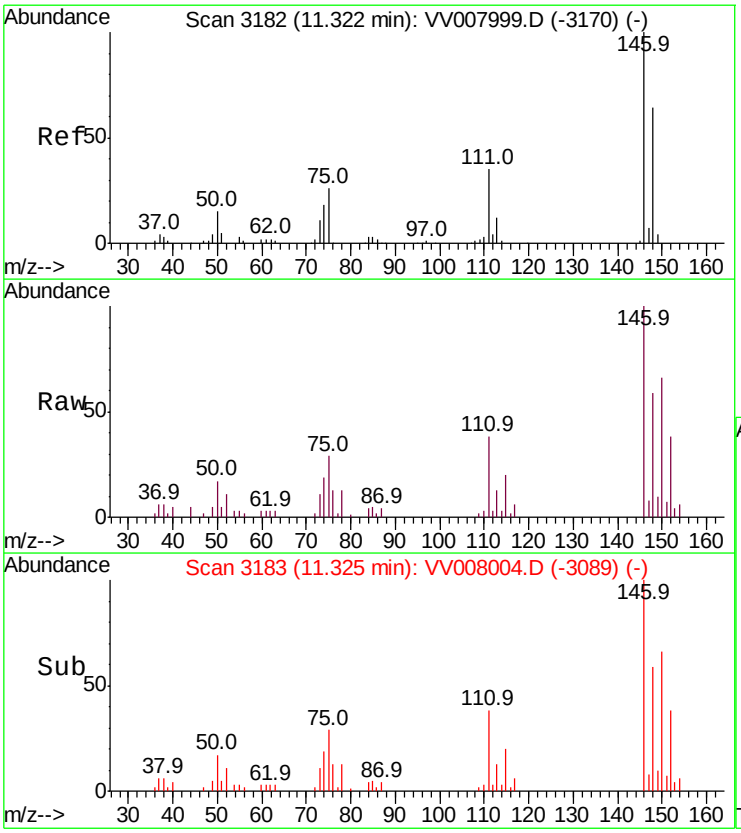
#62
1,3-Dichlorobenzene
Concen: 0.471 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. -0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 6541

Ion	Ratio	Lower	Upper
146	100		
111	34.7	25.8	48.0
148	64.6	44.7	82.9

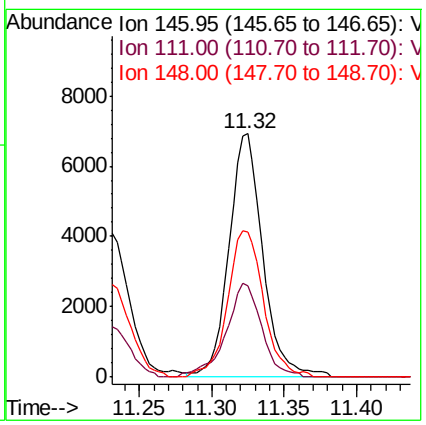


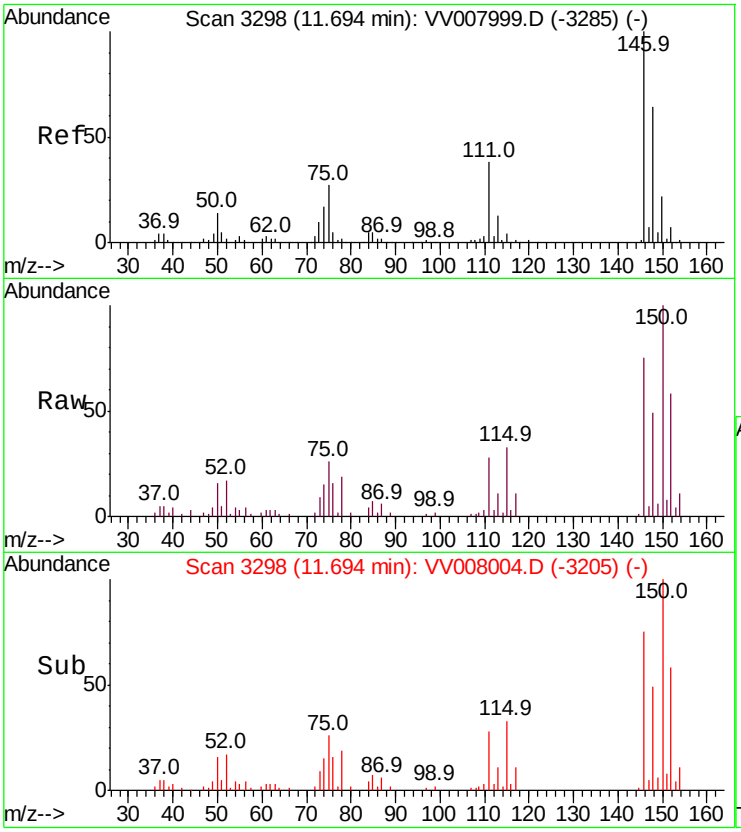


#63
1,4-Dichlorobenzene
Concen: 0.778 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Tgt Ion:146 Resp: 11249

Ion	Ratio	Lower	Upper
146	100		
111	37.6	25.3	47.1
148	59.4	44.7	82.9



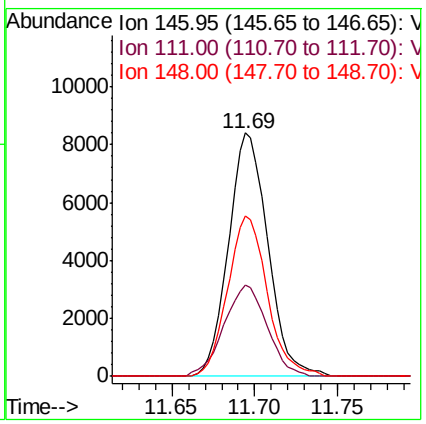


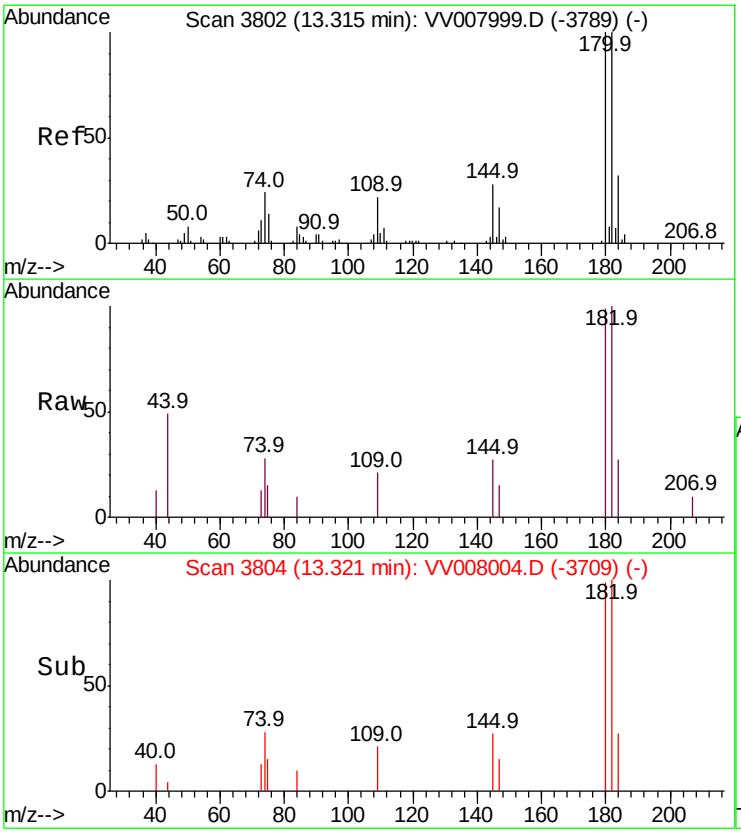
#65
1,2-Dichlorobenzene
Concen: 1.060 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 13894

Ion	Ratio	Lower	Upper
146	100		
111	37.2	31.2	46.8
148	65.7	50.3	75.5

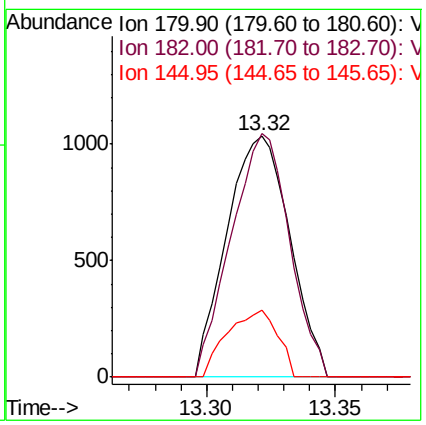


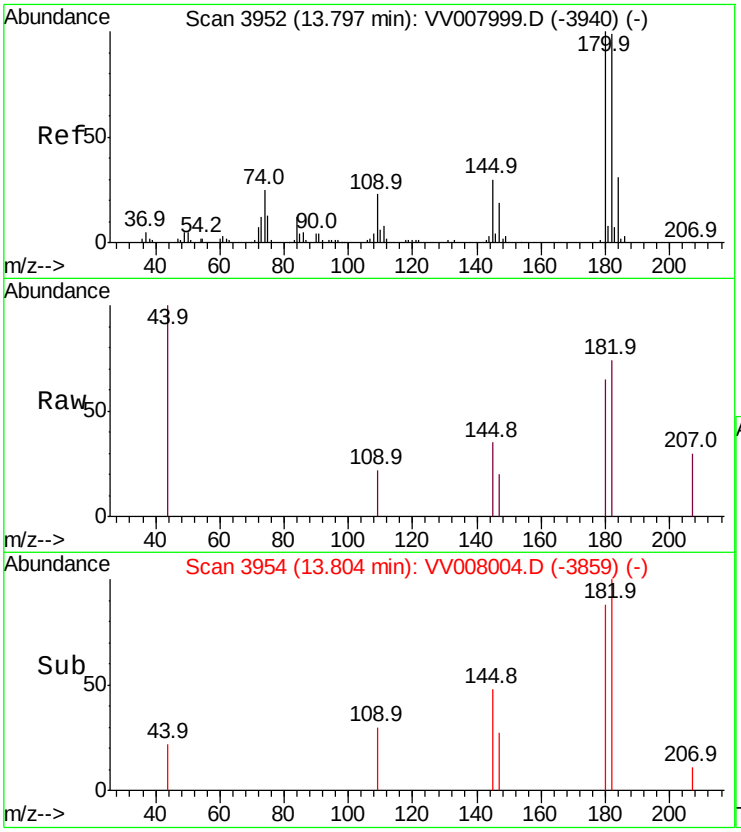


#68
1,2,4-trichlorobenzene
Concen: 0.176 ug/L
RT: 13.32 min Scan# 3804
Delta R.T. 0.01 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Tgt Ion:180 Resp: 1767

Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.4	116.2
145	22.1	22.6	33.8#





#70
1,2,3-Trichlorobenzene
Concen: 0.059 ug/L
RT: 13.80 min Scan# 3954
Delta R.T. 0.01 min
Lab File: VV008004.D
Acq: 01 Oct 2018 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 541

Ion	Ratio	Lower	Upper
180	100		
182	90.2	75.7	113.5
145	32.7	23.4	35.0