Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100518\

Quantitation Report (Not Reviewed)

Data File : VV008105.D
Acq On : 05 Oct 2018 18:36
Operator : SY/MD
Sample : J5246-18DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J86DL

Quant Time: Oct 06 01:05:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96718	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42913	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27898	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.59	69	24020	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.14	63	50726	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	3.96	46	72573	50.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.62%			
24) Chloroform-d	4.41	84	59695	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.09	65	30242	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.10	84	112033	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.12	67	35891	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.36	98	103527	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.67	79	12429	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.14	63	50114	48.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.12%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25566	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	41429	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	517	0.082	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	16871	3.220	ug/L #	76
16) Methylene chloride	2.54	84	1097	0.173	ug/L	92
19) 1,1-Dichloroethane	3.23	63	5753	0.528	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	6151	0.954	ug/L	99
25) Chloroform	4.44	83	942	0.080	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	4343	0.426	ug/L	96
34) Trichloroethene	5.96	95	44047	6.518	ug/L	99
35) Methylcyclohexane	6.12	83	8695	0.921	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	4060	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	962	0.120	ug/L #	76
47) Tetrachloroethene	8.02	164	20466	3.391	ug/L	98
49) Dibromochloromethane	8.02	129	17376	3.178	ug/L #	10

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

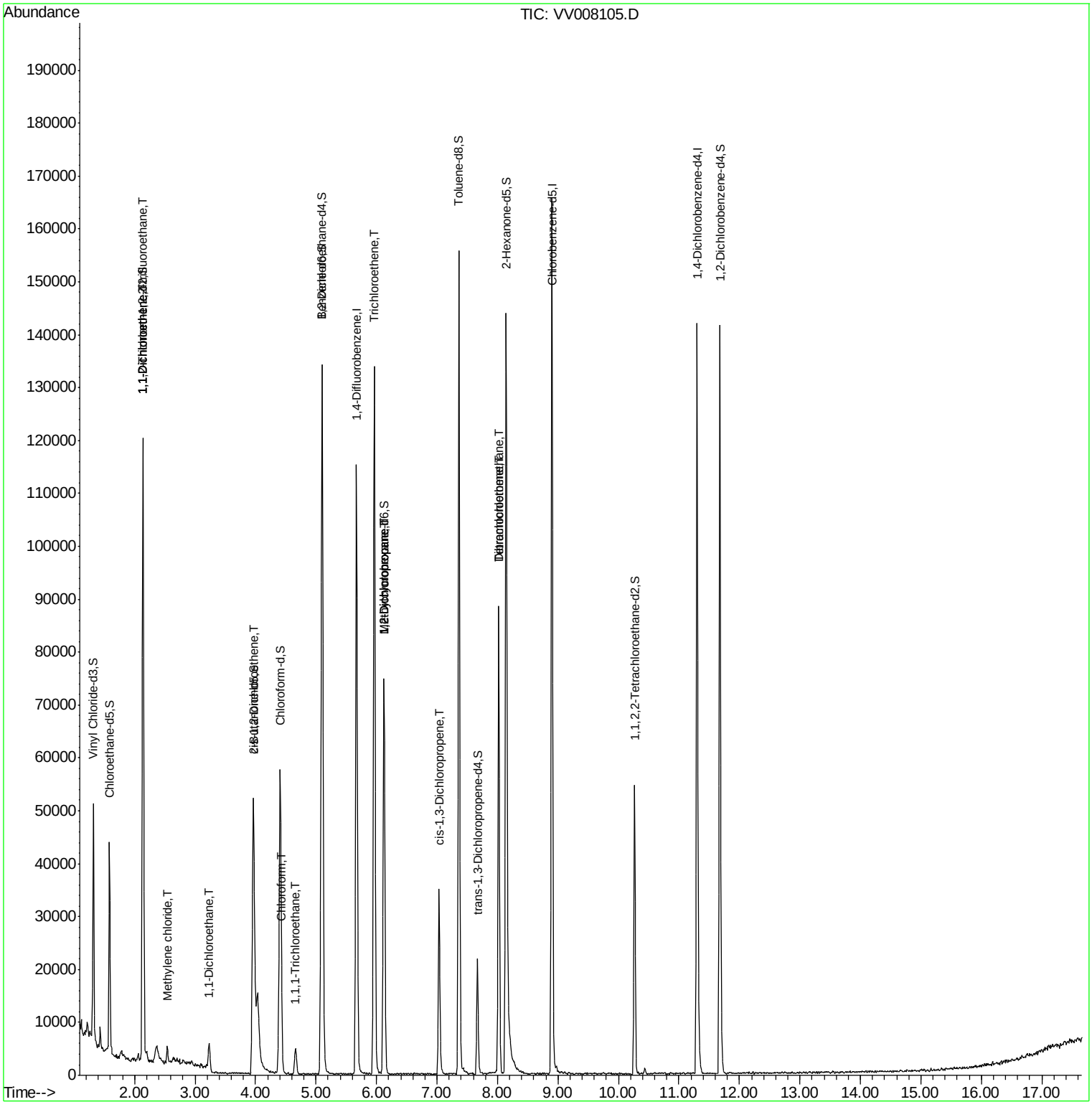
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100518\

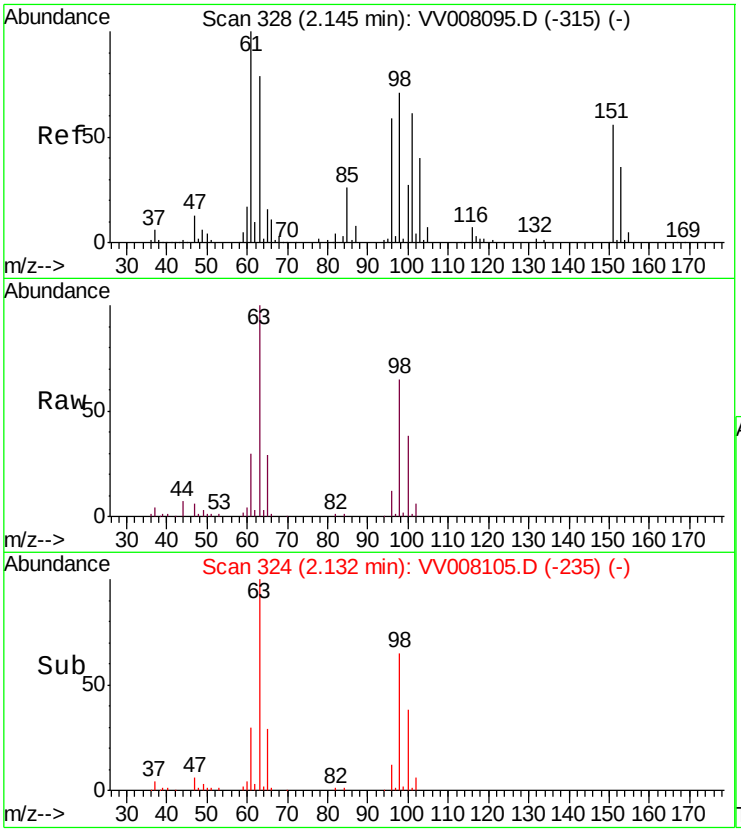
Quantitation Report (Not Reviewed)

Data File : VV008105.D
Acq On : 05 Oct 2018 18:36
Operator : SY/MD
Sample : J5246-18DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J86DL

Quant Time: Oct 06 01:05:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration



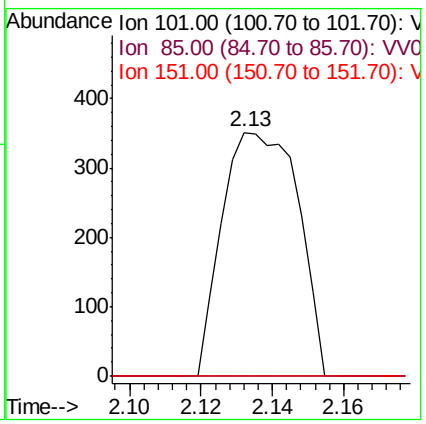


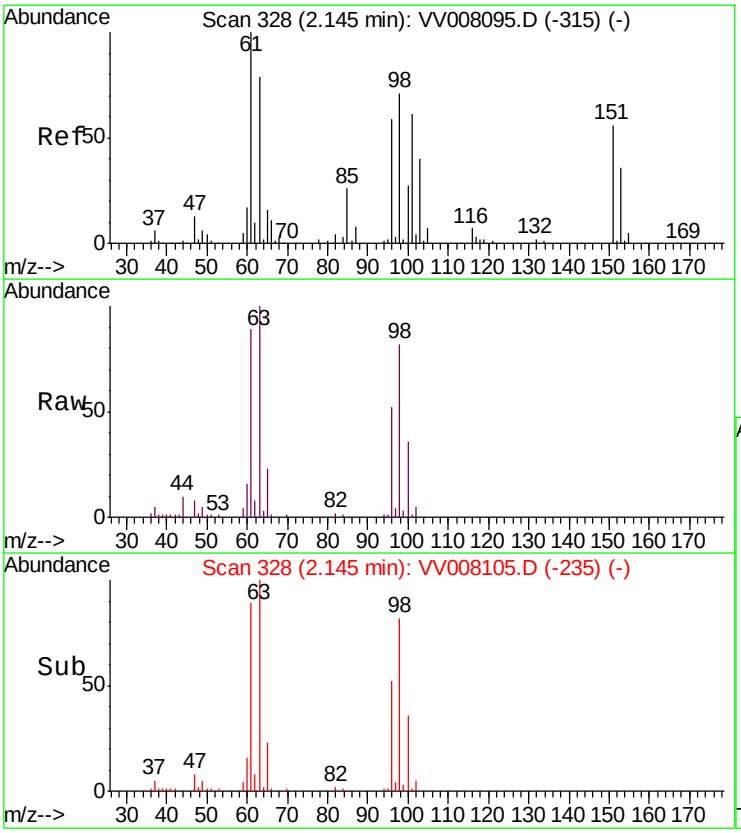
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.082 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument : MSVOA_V
ClientSampleId : C0J86DL

Tgt Ion:101 Resp: 517

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	0.0	70.7	106.1#

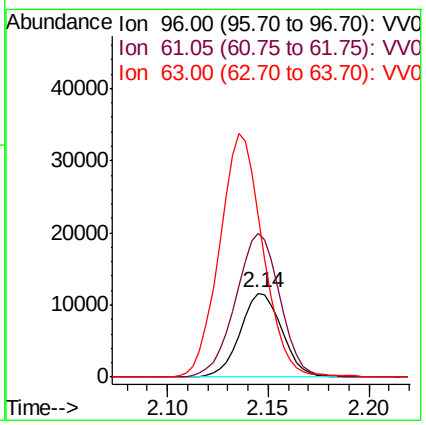


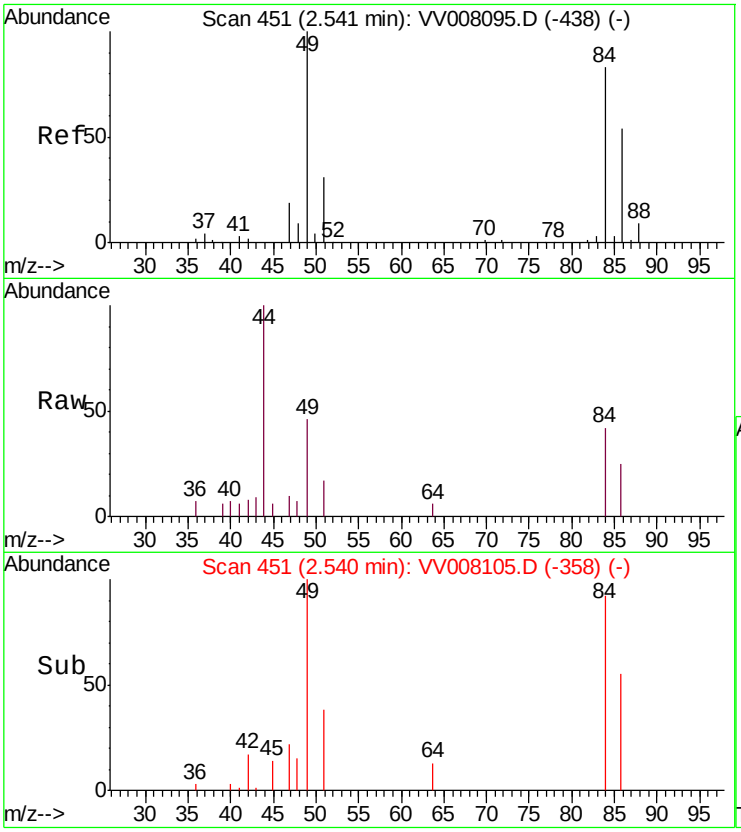


#12
1,1-Dichloroethene
Concen: 3.220 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Tgt Ion: 96 Resp: 16871

Ion	Ratio	Lower	Upper
96	100		
61	171.8	114.7	213.1
63	193.1	96.9	179.9#



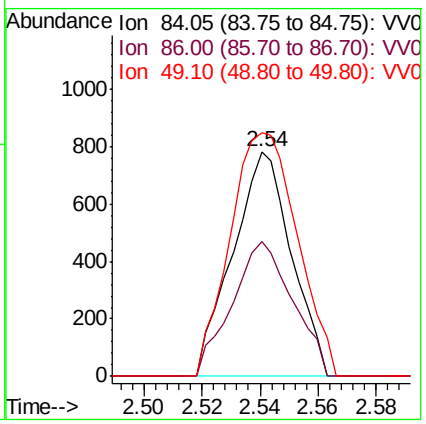


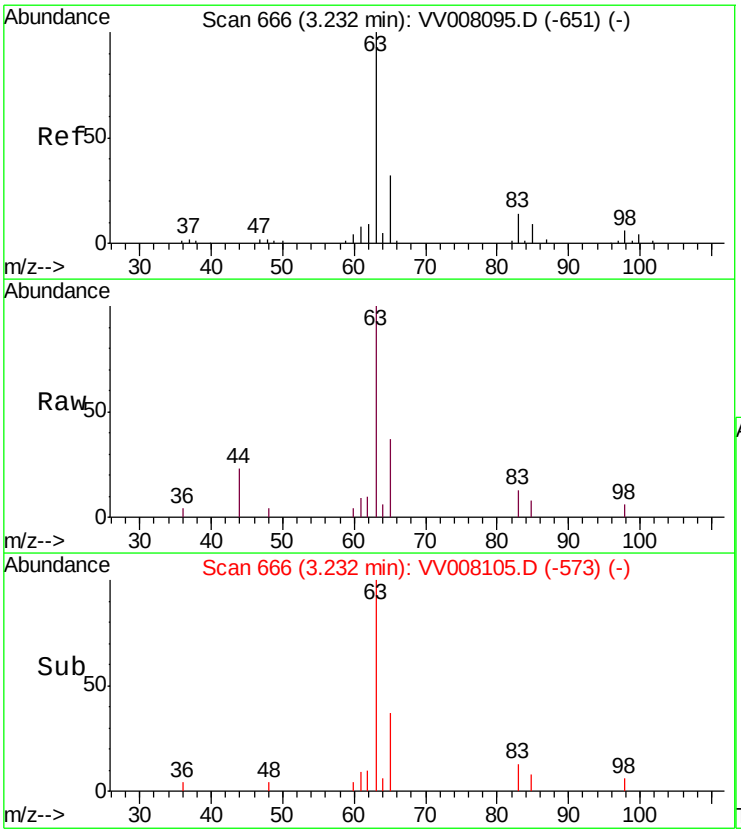
#16
Methylene chloride
Concen: 0.173 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument : MSVOA_V
ClientSampleId : C0J86DL

Tgt Ion: 84 Resp: 1097

Ion	Ratio	Lower	Upper
84	100		
86	60.2	45.3	84.1
49	108.5	83.0	154.1

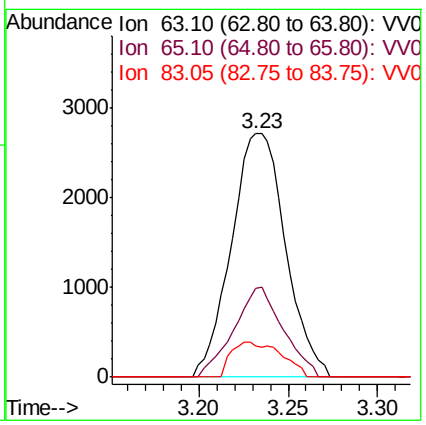


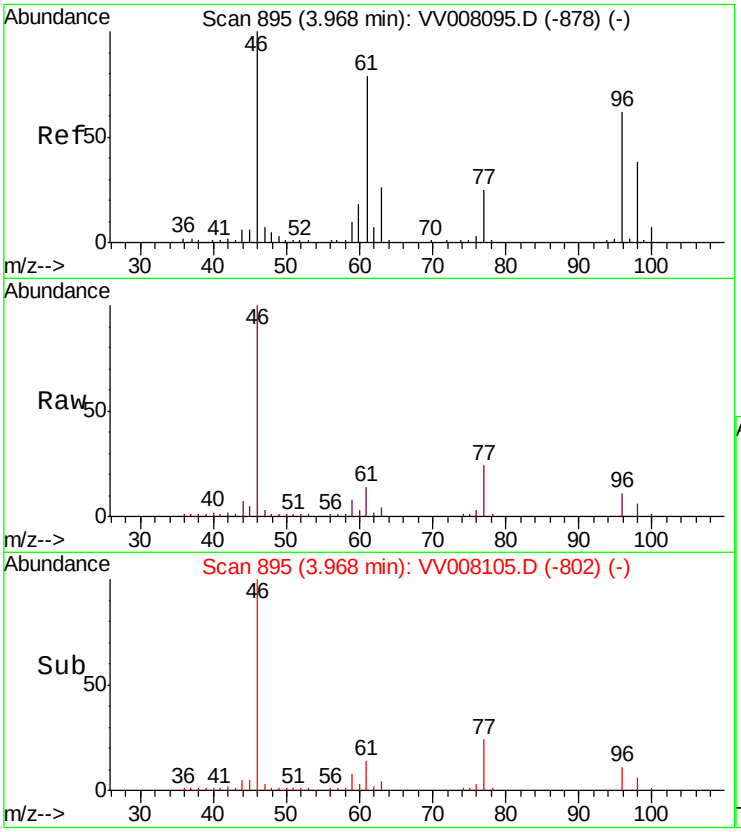


#19
1,1-Dichloroethane
Concen: 0.528 ug/L
RT: 3.23 min Scan# 666
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Tgt Ion: 63 Resp: 5753

Ion	Ratio	Lower	Upper
63	100		
65	36.7	22.4	41.6
83	12.7	9.6	17.8



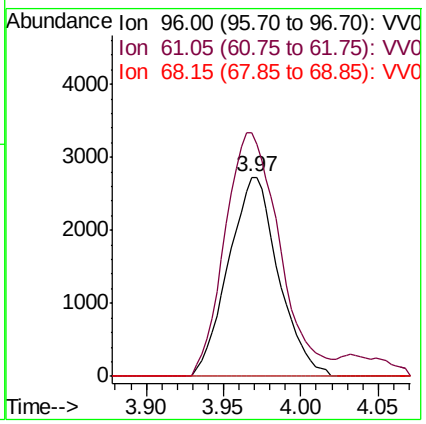


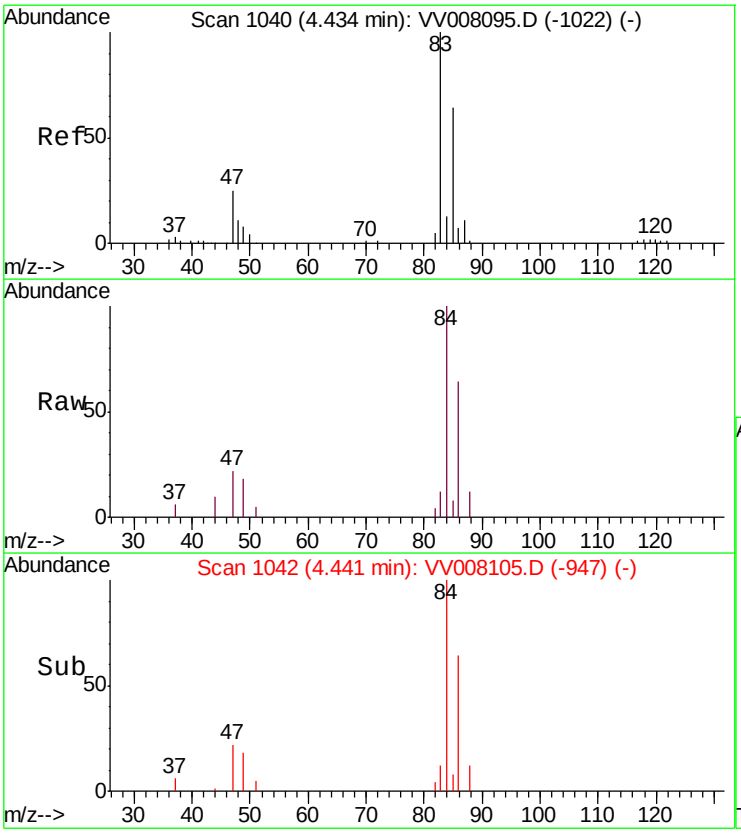
#22
cis-1,2-Dichloroethene
Concen: 0.954 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument :
MSVOA_V
ClientSampleId :
C0J86DL

Tgt Ion: 96 Resp: 6151

Ion	Ratio	Lower	Upper
96	100		
61	122.4	85.1	158.1
68	0.0	0.0	0.0

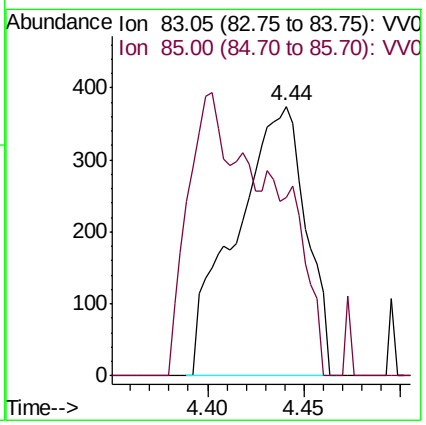


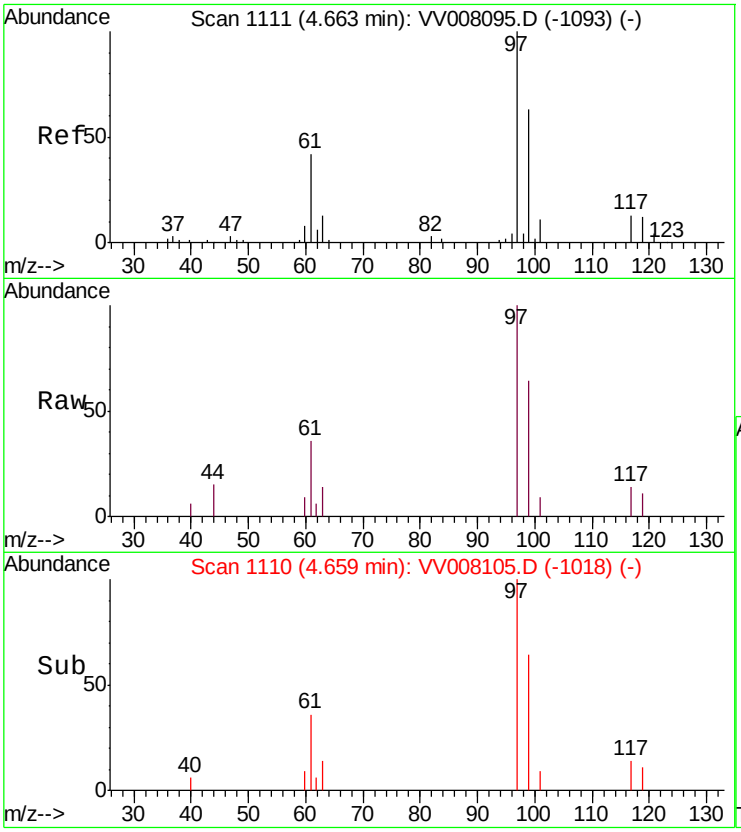


#25
Chloroform
Concen: 0.080 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Tgt Ion: 83 Resp: 942

Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.6	82.8



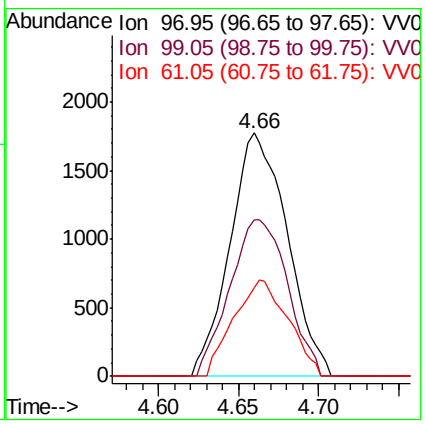


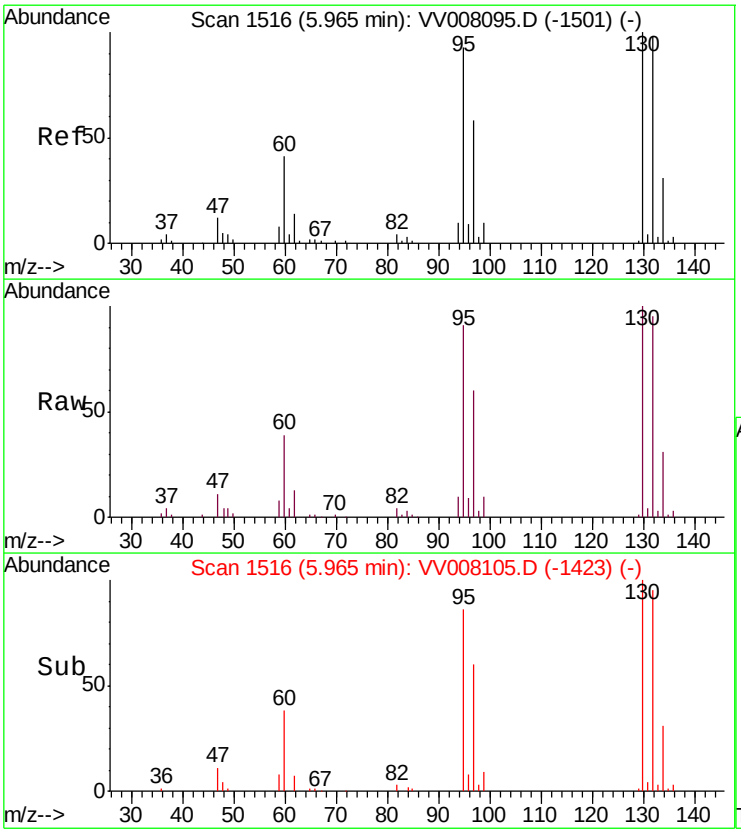
#29
1,1,1-Trichloroethane
Concen: 0.426 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument : MSVOA_V
ClientSampleId : C0J86DL

Tgt Ion: 97 Resp: 4343

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	37.7	34.0	51.0

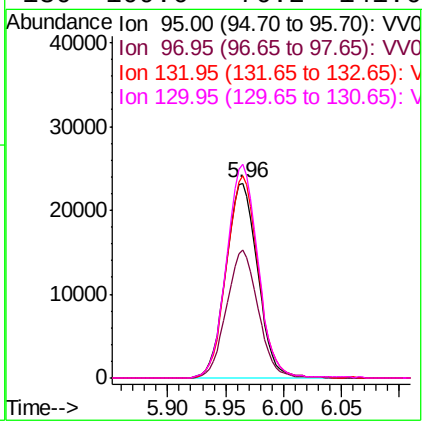


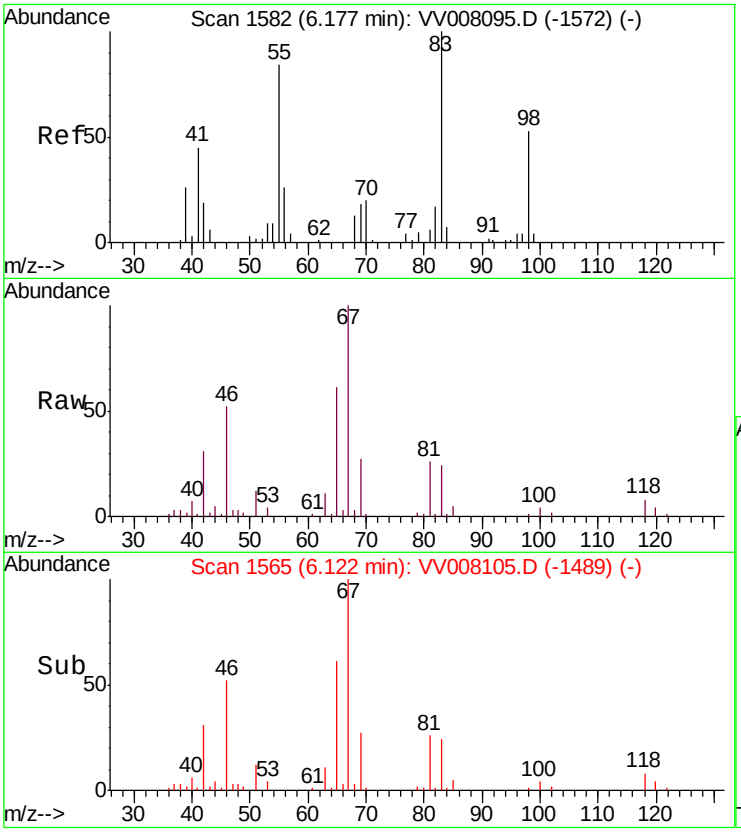


#34
Trichloroethene
Concen: 6.518 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Tgt Ion: 95 Resp: 44047

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.9	83.5
132	104.0	73.6	136.6
130	109.6	76.2	141.6



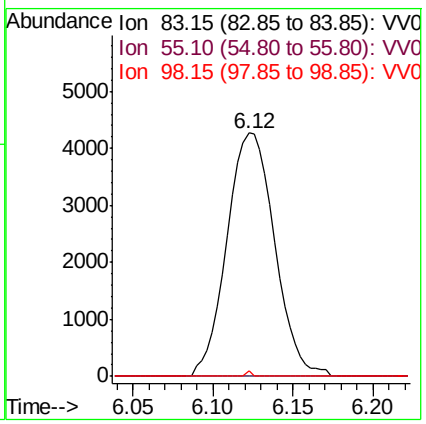


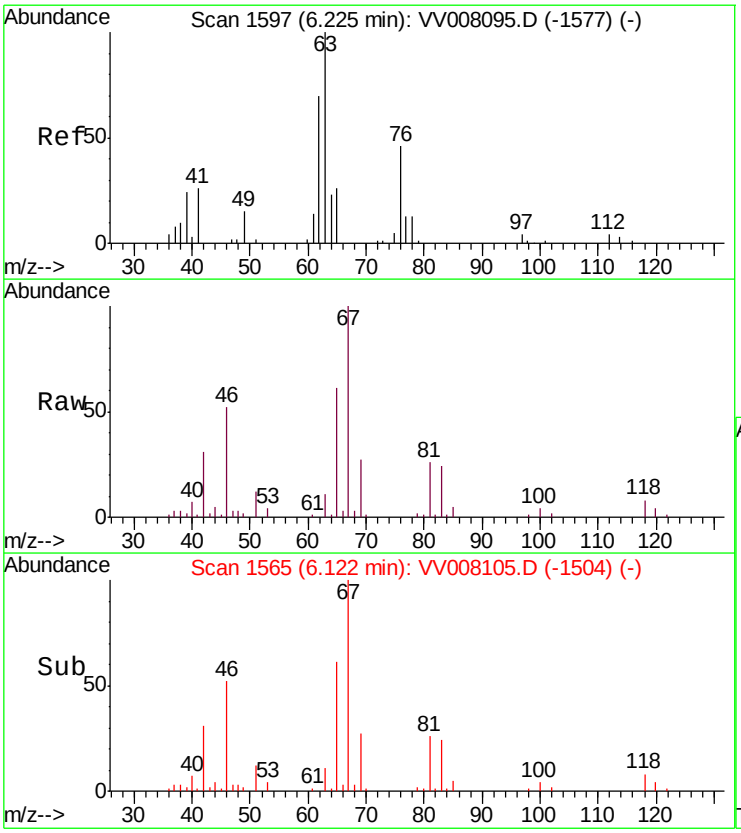
#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument : MSVOA_V
ClientSampleId : C0J86DL

Tgt Ion: 83 Resp: 8695

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.6	95.4#
98	1.2	38.3	57.5#

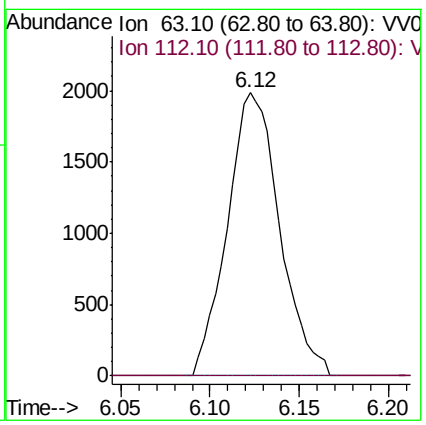


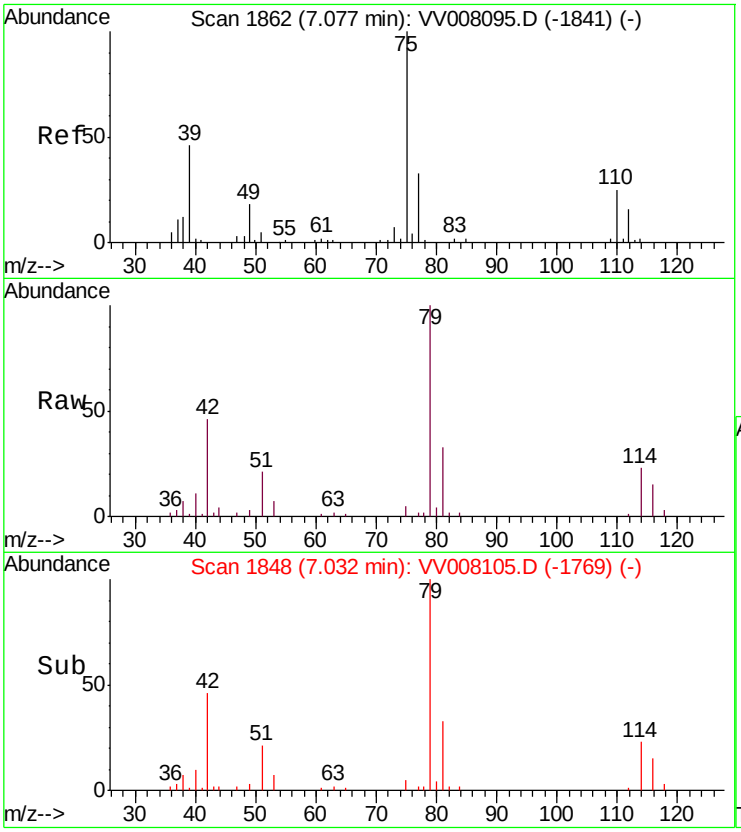


#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Tgt Ion: 63 Resp: 4060

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



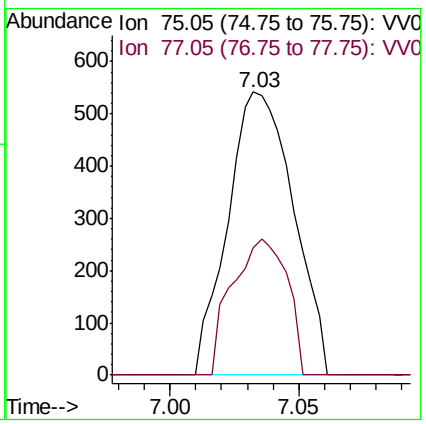


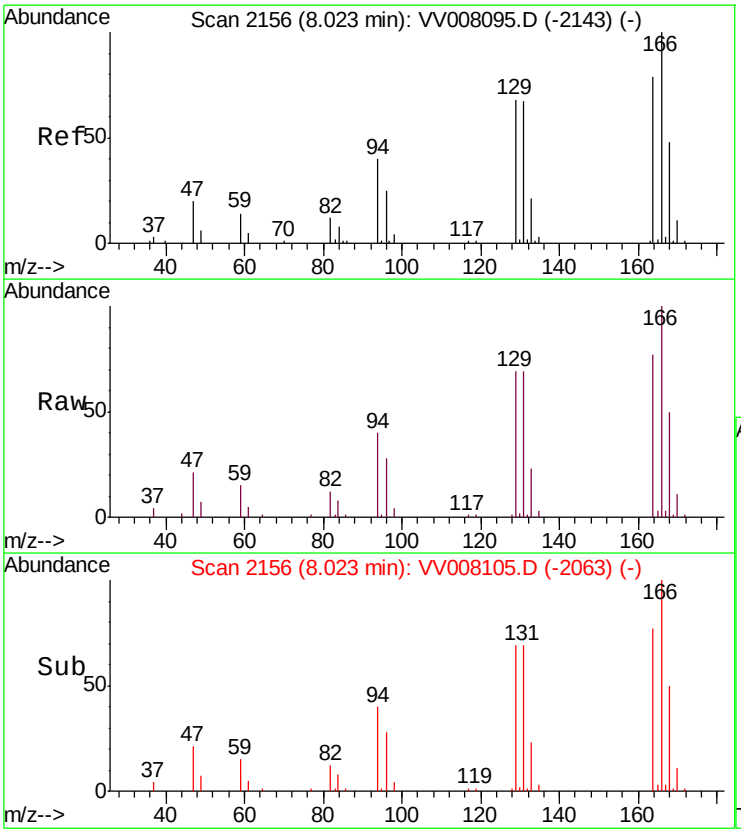
#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.05 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument :
MSVOA_V
ClientSampleId :
C0J86DL

Tgt Ion: 75 Resp: 962

Ion	Ratio	Lower	Upper
75	100		
77	44.8	22.1	41.1#

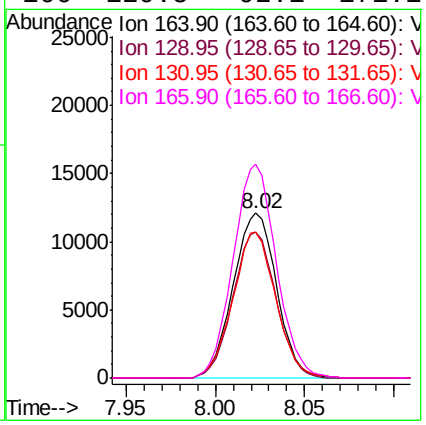


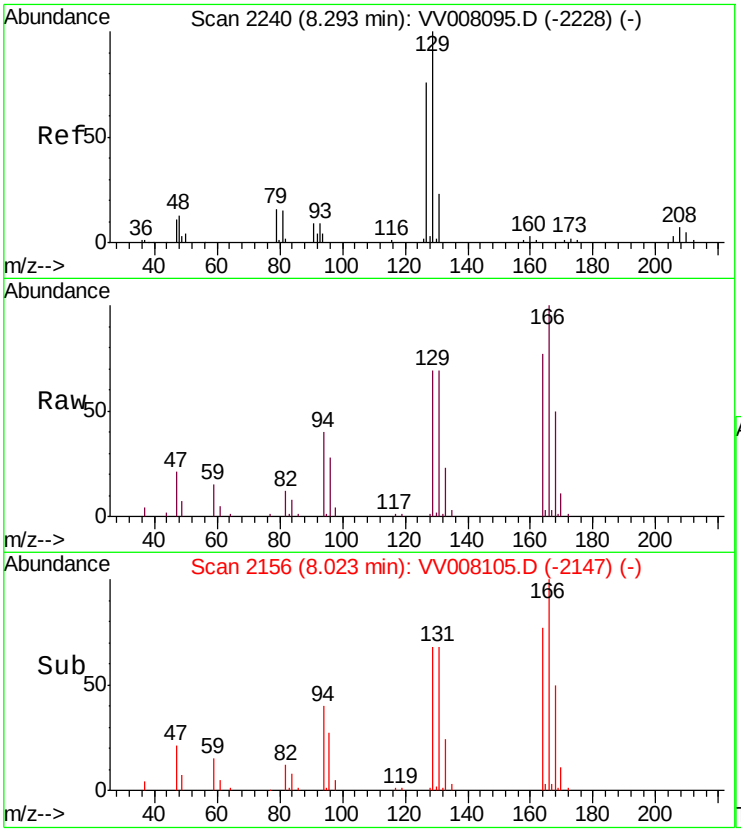


#47
Tetrachloroethene
Concen: 3.391 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Tgt Ion:164 Resp: 20466

Ion	Ratio	Lower	Upper
164	100		
129	88.8	62.2	115.4
131	88.8	60.5	112.5
166	129.5	92.1	171.1





#49
Dibromochloromethane
Concen: 3.178 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008105.D
Acq: 05 Oct 2018 18:36

Instrument :
MSVOA_V
ClientSampleId :
C0J86DL

Tgt Ion:129 Resp: 17376

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.3#