Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101818\
Data File : VV008334.D
Acq On : 18 Oct 2018 10:50
Operator : SY/MD
Sample : J5406-01DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 19 05:27:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113623	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40003	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30908	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.58	69	25611	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.13	63	46864	3.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.00%			
20) 2-Butanone-d5	3.98	46	79248	36.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.60%			
24) Chloroform-d	4.40	84	66508	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.09	65	35126	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	144635	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.12	67	48629	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.36	98	125639	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	7.67	79	16251	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.14	63	68071	47.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26064	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	38761	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.77	101	2003	0.195	ug/L	92
12) 1,1-Dichloroethene	2.14	96	1384	0.254	ug/L #	1
16) Methylene chloride	2.54	84	4306	0.682	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	878	0.093	ug/L #	86
25) Chloroform	4.43	83	1915	0.129	ug/L #	67
27) 1,2-Dichloroethane	5.19	62	1644	0.186	ug/L #	89
34) Trichloroethene	5.96	95	101303	10.675	ug/L	97
35) Methylcyclohexane	6.12	83	10643	0.665	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5178	0.560	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1154	0.088	ug/L #	44
47) Tetrachloroethene	8.02	164	1825	0.307	ug/L	93
48) 2-Hexanone	8.19	43	17843	4.314	ug/L #	87
49) Dibromochloromethane	8.02	129	1686	0.258	ug/L #	10

(#) = 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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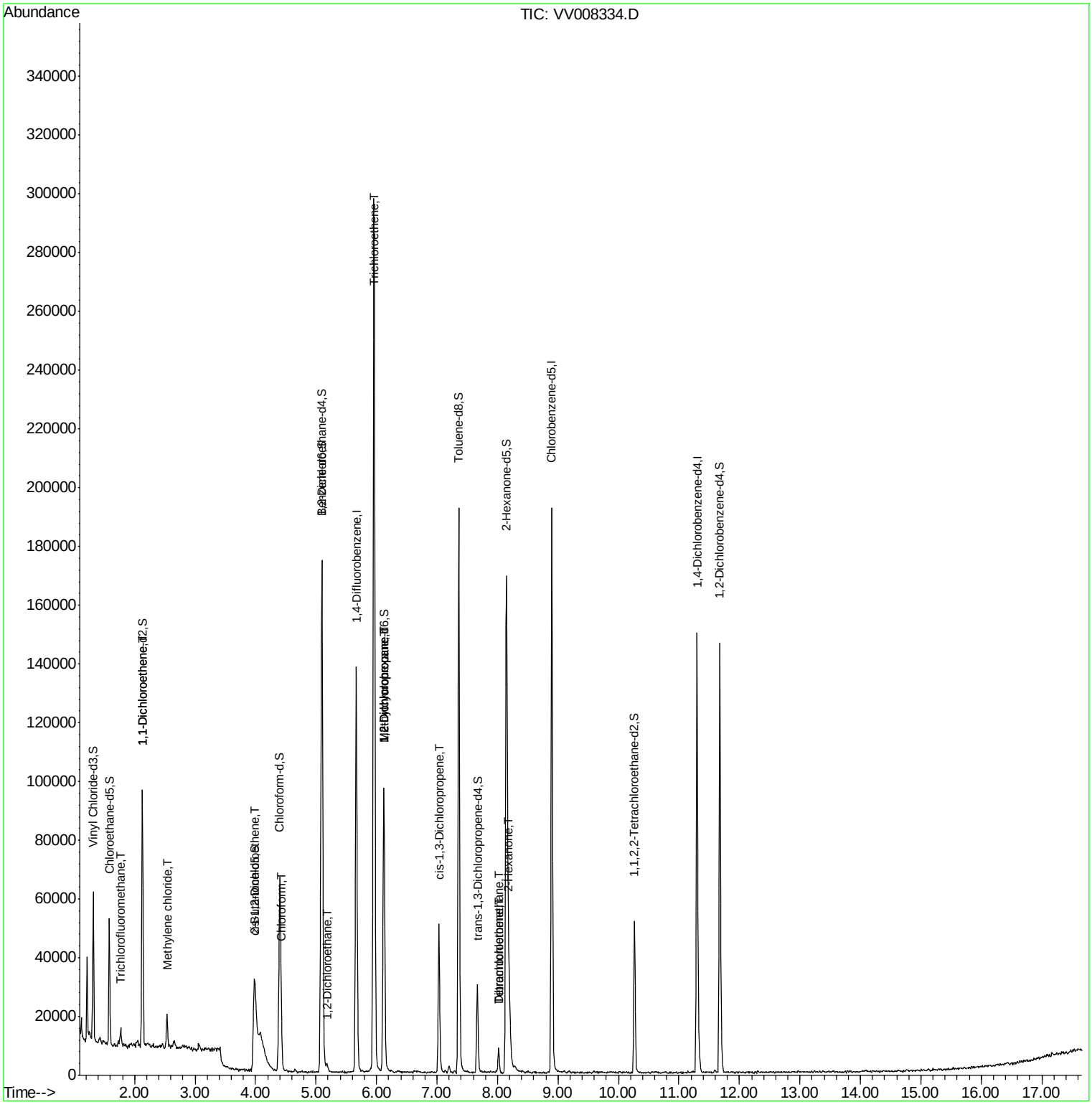
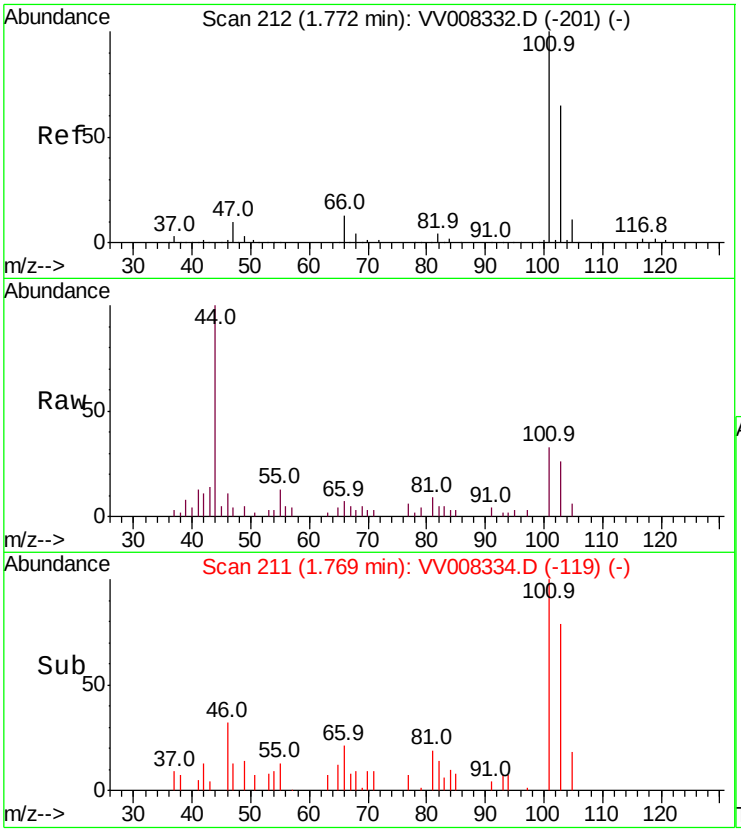
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 05:27:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration



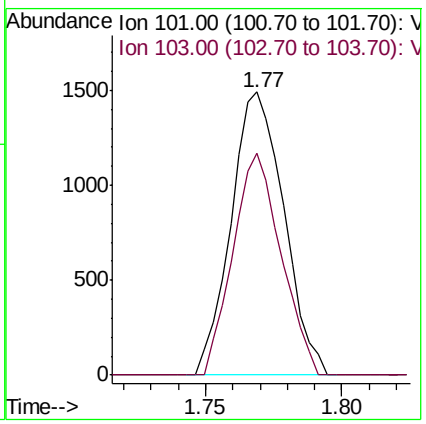


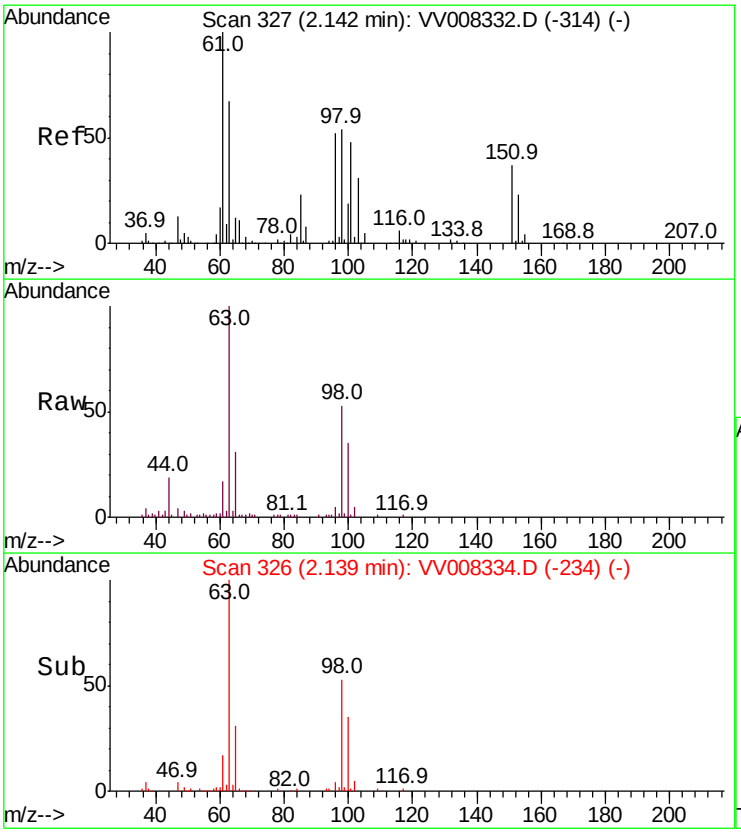
#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2003

Ion	Ratio	Lower	Upper
101	100		
103	71.3	51.8	77.6

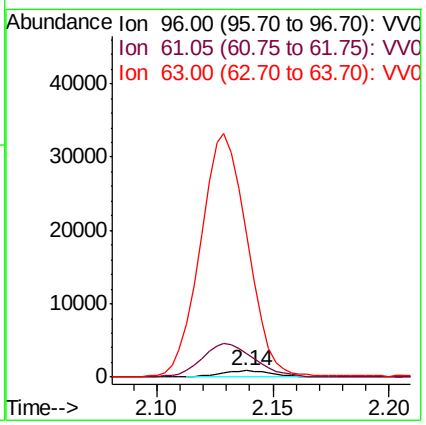


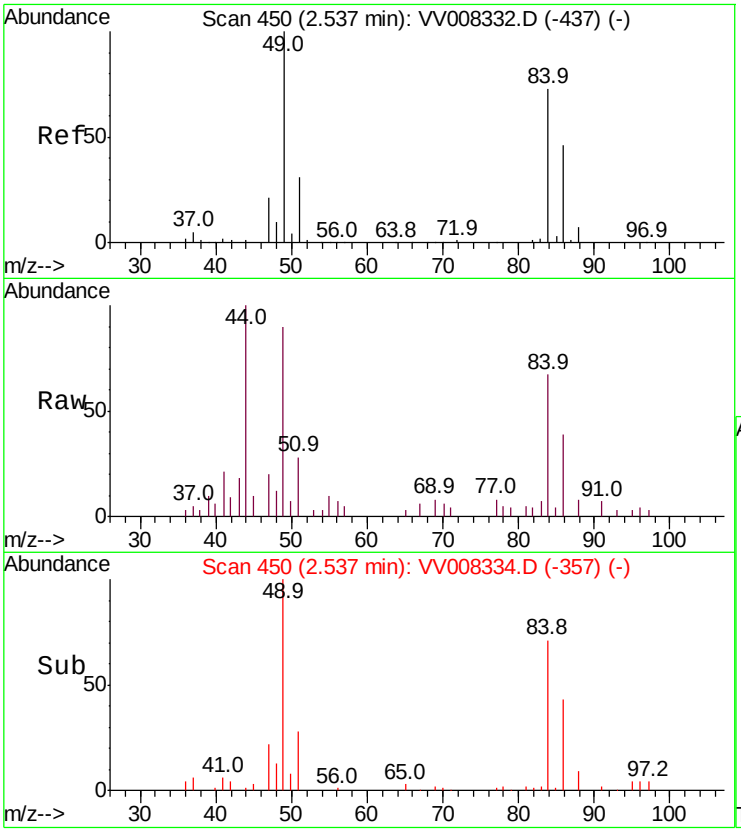


#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Tgt Ion: 96 Resp: 1384

Ion	Ratio	Lower	Upper
96	100		
61	369.8	129.9	241.3#
63	2194.1	103.0	191.4#



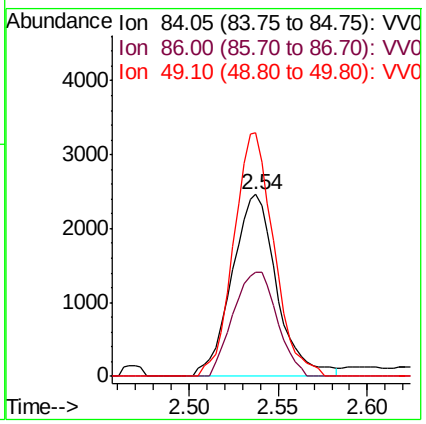


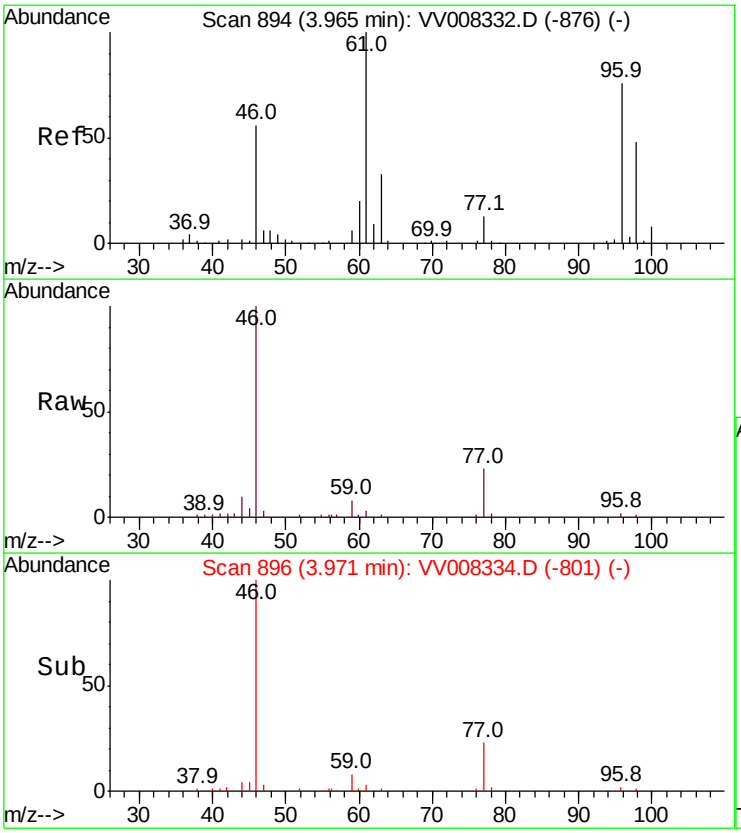
#16
Methylene chloride
Concen: 0.682 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 4306

Ion	Ratio	Lower	Upper
84	100		
86	57.6	45.0	83.6
49	134.0	92.9	172.5

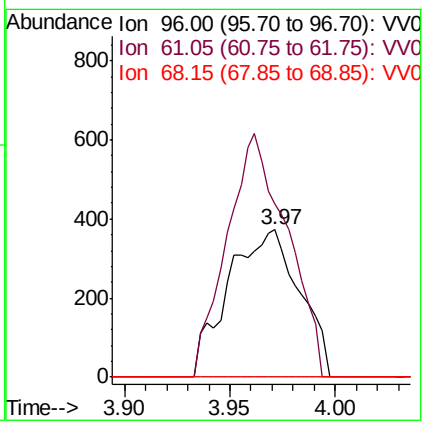


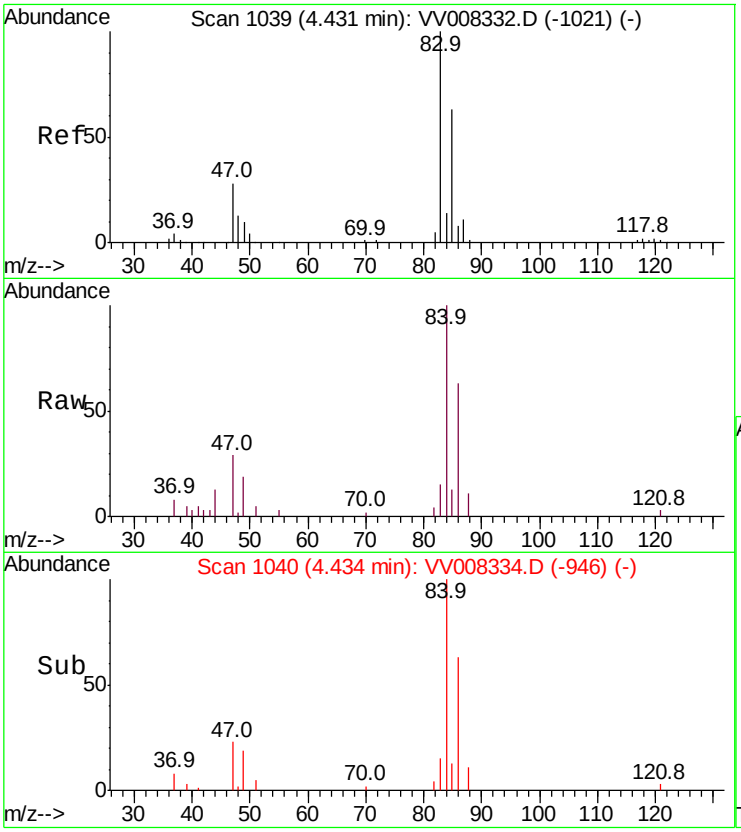


#22
cis-1,2-Dichloroethene
Concen: 0.093 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Tgt Ion: 96 Resp: 878

Ion	Ratio	Lower	Upper
96	100		
61	117.7	93.7	174.1
68	0.0	0.6	1.2#



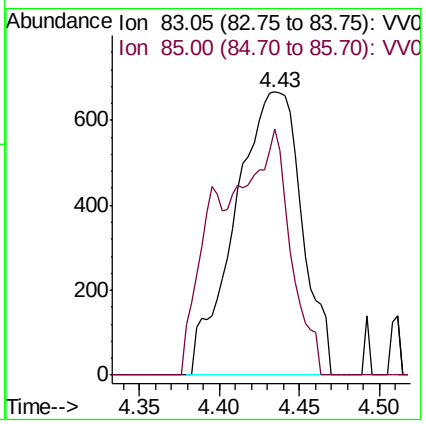


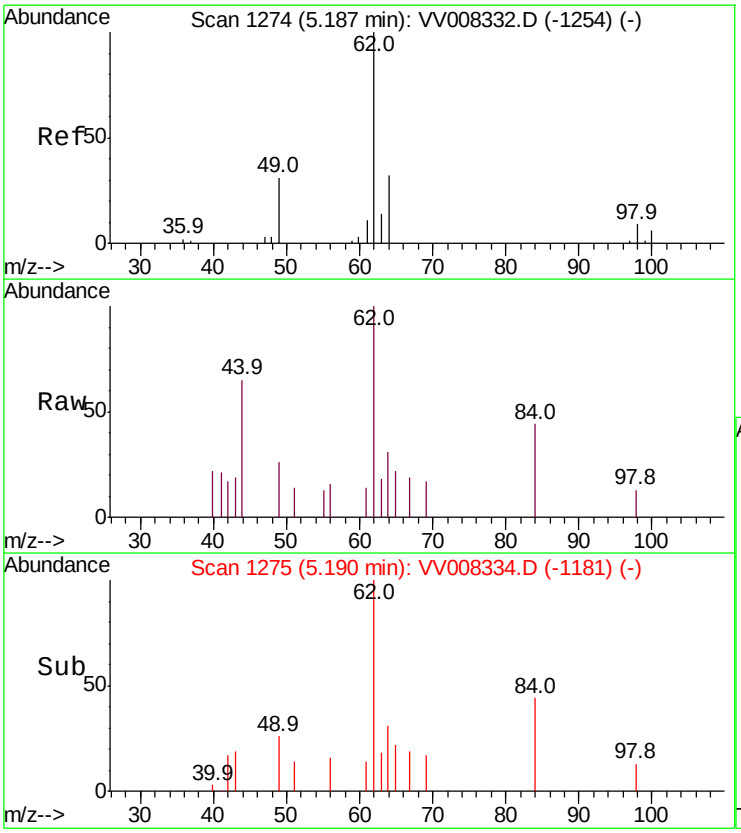
#25
Chloroform
Concen: 0.129 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1915

Ion	Ratio	Lower	Upper
83	100		
85	87.1	43.4	80.6#

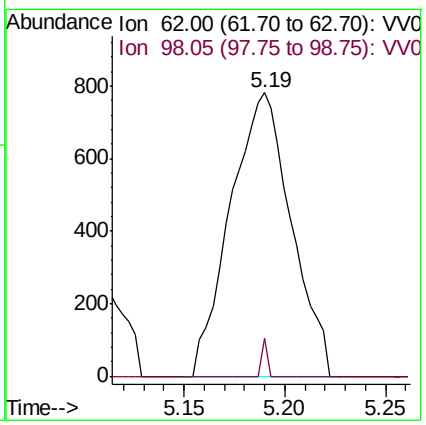


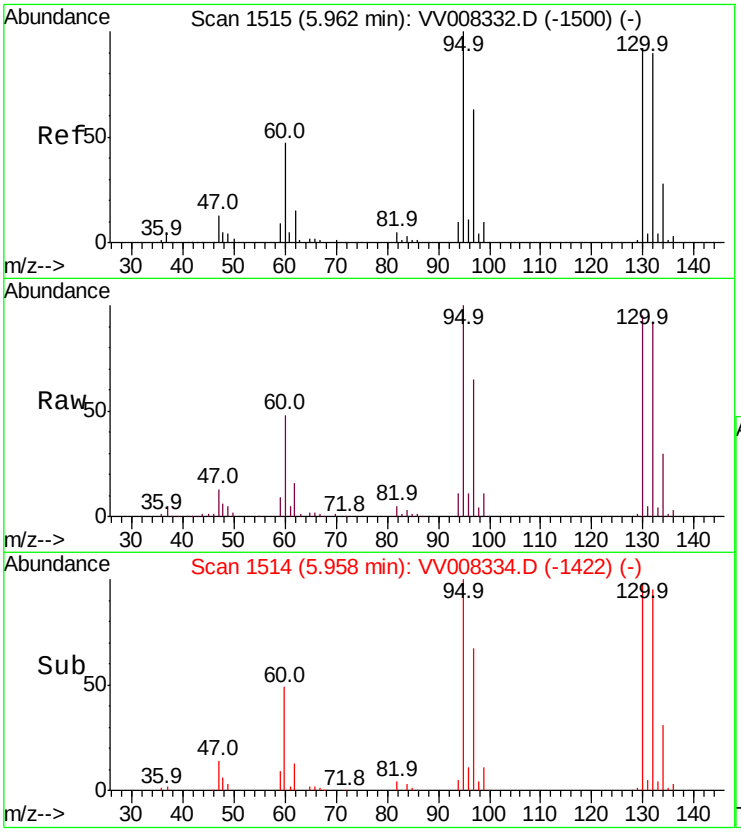


#27
1,2-Dichloroethane
Concen: 0.186 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Tgt Ion: 62 Resp: 1644

Ion	Ratio	Lower	Upper
62	100		
98	13.4	7.6	11.4#



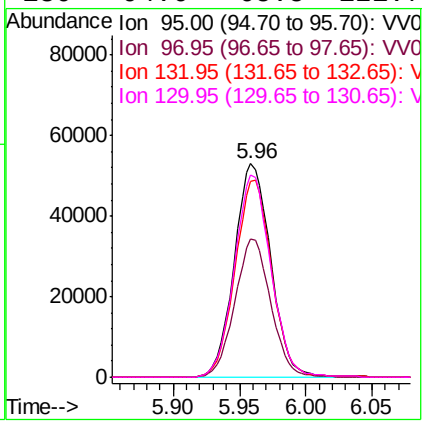


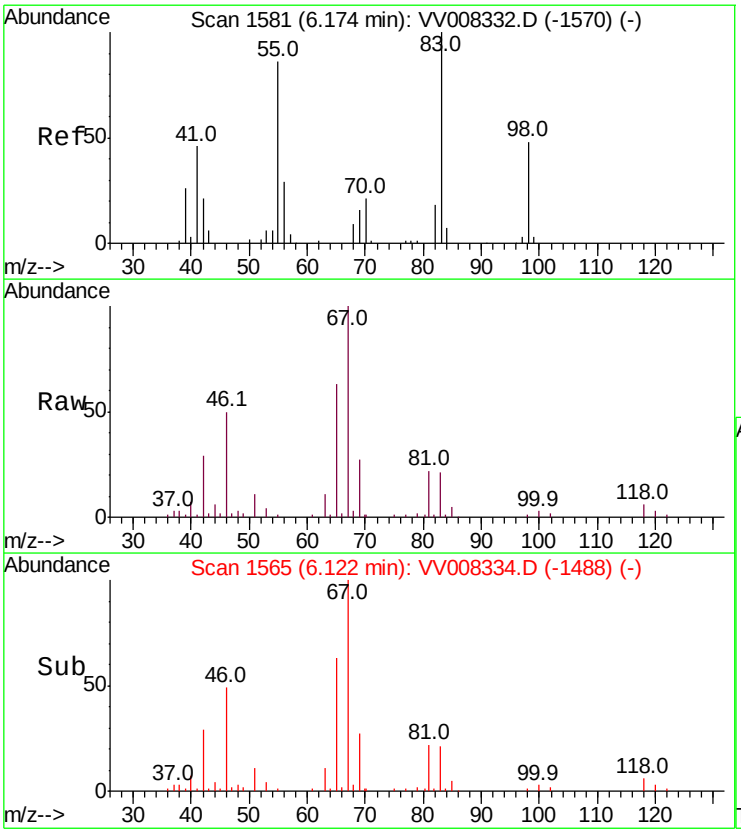
#34
Trichloroethene
Concen: 10.675 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 101303

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	92.0	60.4	112.2
130	94.6	65.5	121.7

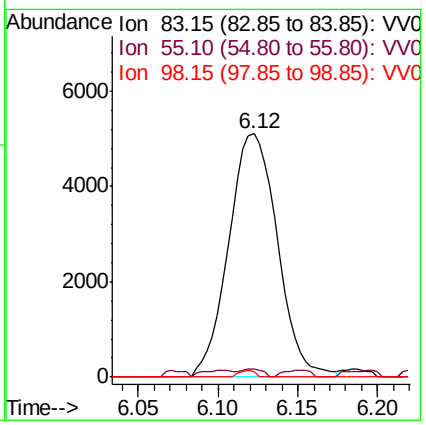


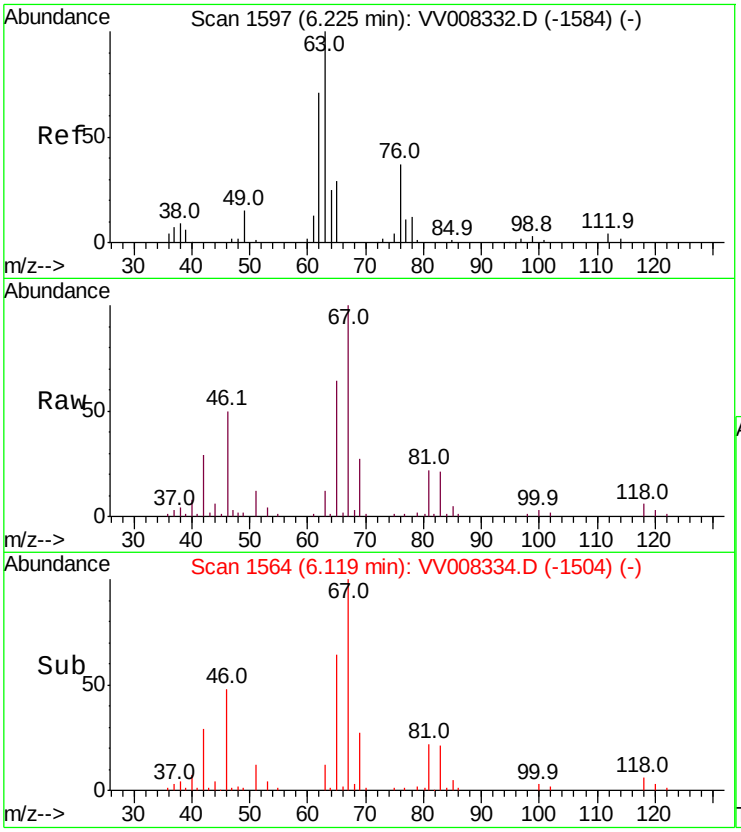


#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Tgt Ion: 83 Resp: 10643

Ion	Ratio	Lower	Upper
83	100		
55	1.3	64.0	96.0#
98	0.0	37.0	55.4#



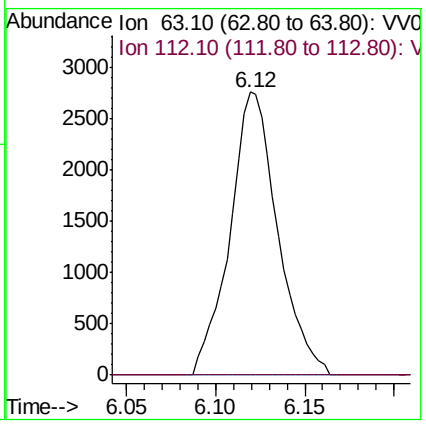


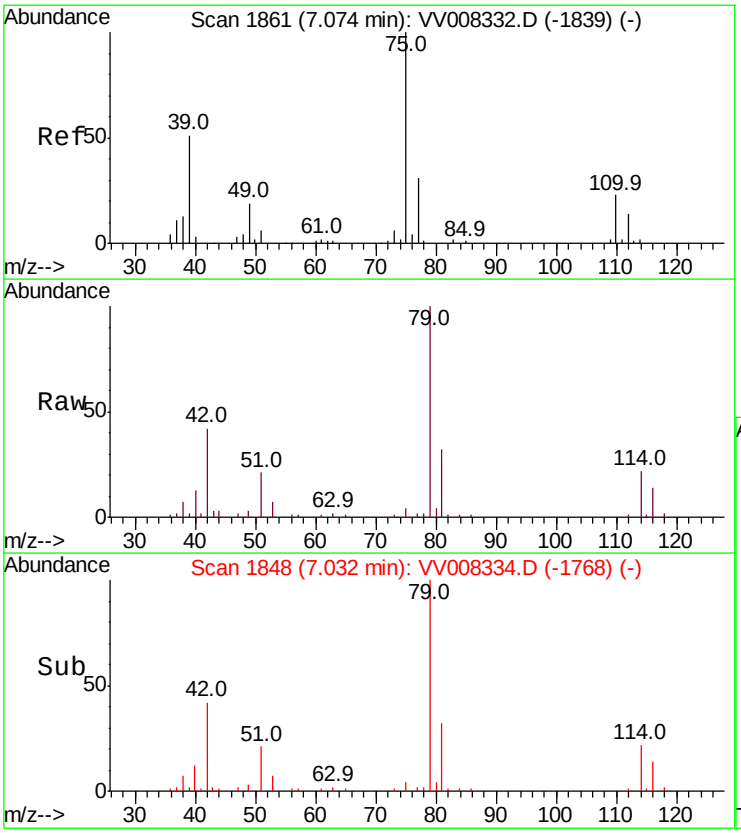
#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5178

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

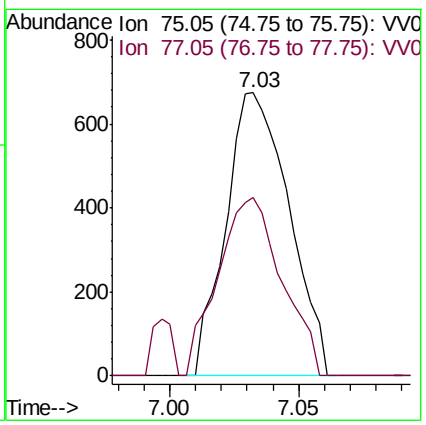


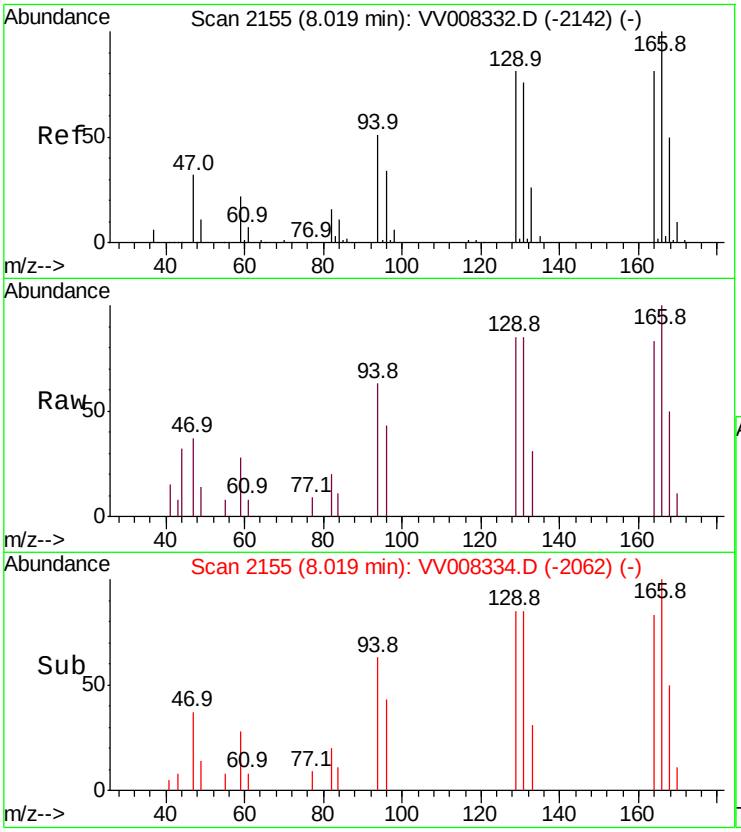


#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Tgt Ion: 75 Resp: 1154

Ion	Ratio	Lower	Upper
75	100		
77	63.2	22.3	41.3#



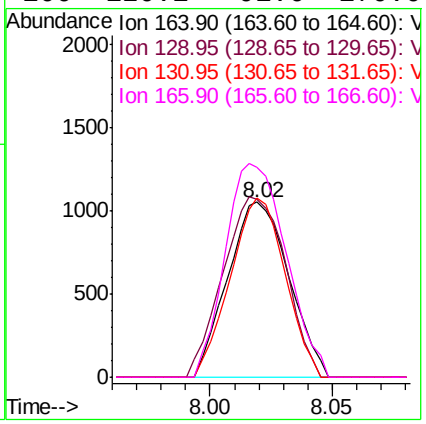


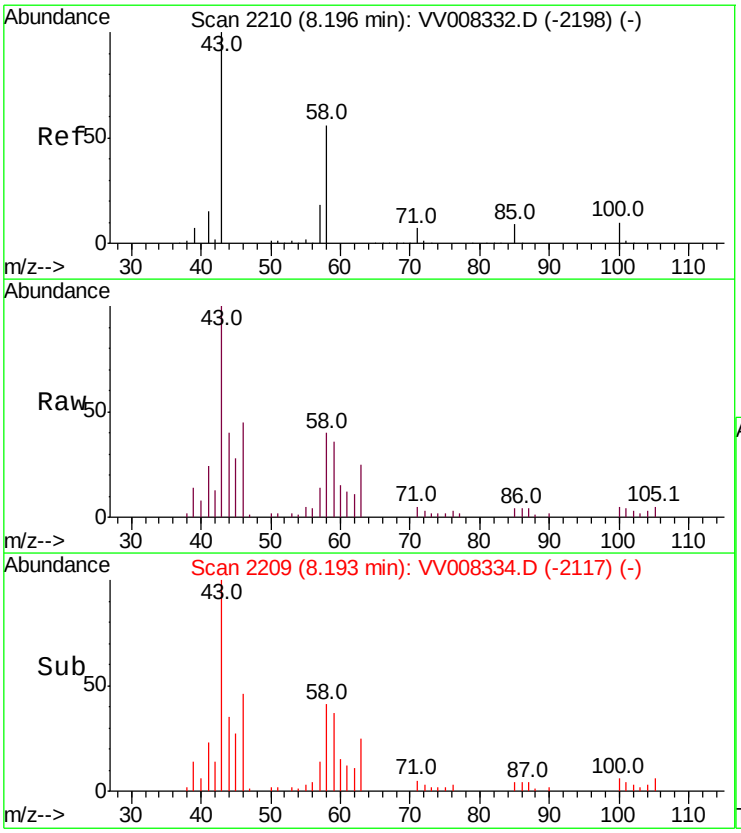
#47
Tetrachloroethene
Concen: 0.307 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1825

Ion	Ratio	Lower	Upper
164	100		
129	101.7	76.5	142.1
131	102.6	74.7	138.7
166	120.1	91.6	170.0

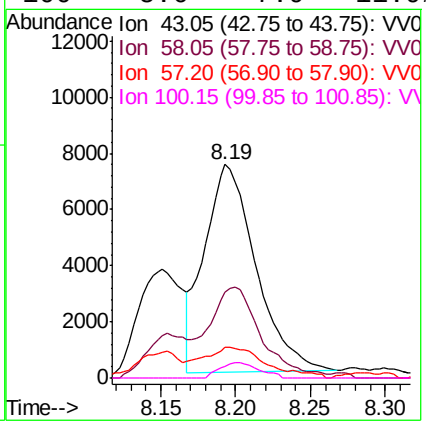


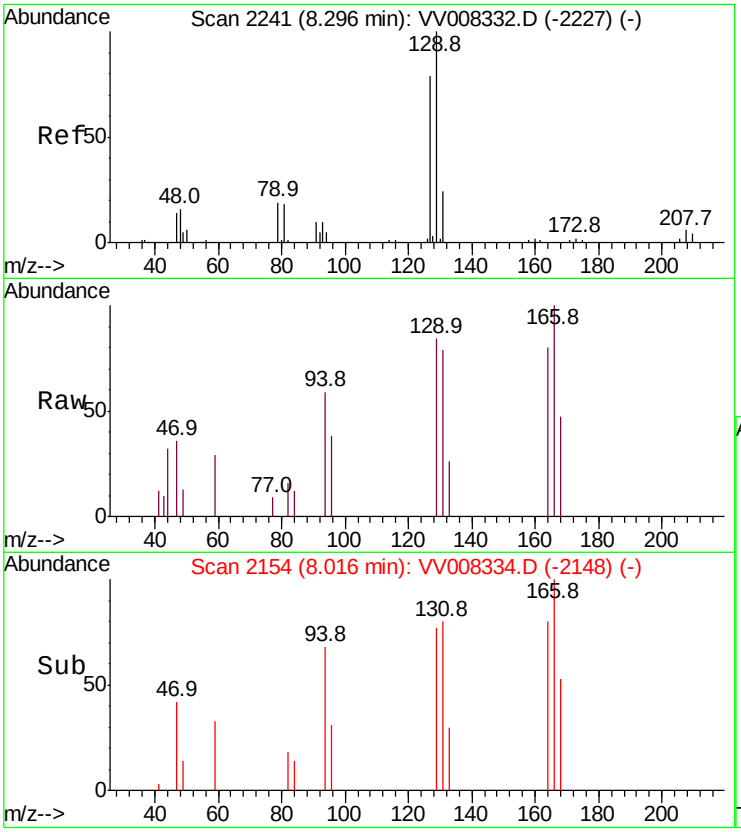


#48
2-Hexanone
Concen: 4.314 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Tgt Ion: 43 Resp: 17843

Ion	Ratio	Lower	Upper
43	100		
58	44.1	45.0	67.4#
57	17.9	14.4	21.6
100	5.6	7.9	11.9#





#49
Dibromochloromethane
Concen: 0.258 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.28 min
Lab File: VV008334.D
Acq: 18 Oct 2018 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 1686

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#