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

Quantitation Report (Not Reviewed)

Data File : VV008993.D
Acq On : 17 Dec 2018 20:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Quant Time: Dec 18 01:53:29 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	5.67	114	207850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97014	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58084	47.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.70%			
7) Chloroethane-d5	1.56	69	42017	55.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.00%			
11) 1,1-Dichloroethene-d2	2.13	63	142710	49.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.56%			
21) 2-Butanone-d5	3.93	46	92839	114.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.55%			
24) Chloroform-d	4.40	84	130550	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.82%			
26) 1,2-Dichloroethane-d4	5.08	65	82754	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.32%			
32) Benzene-d6	5.10	84	258951	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.82%			
36) 1,2-Dichloropropane-d6	6.12	67	77704	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.70%			
41) Toluene-d8	7.36	98	248149	49.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.86%			
43) trans-1,3-Dichloropropene-	7.67	79	39653	49.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.30%			
47) 2-Hexanone-d5	8.13	63	67130	114.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.01%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105525	51.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.76%			
64) 1,2-Dichlorobenzene-d4	11.68	152	99347	49.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	72194	49.451	ug/L	100
3) Chloromethane	1.25	50	62887	51.338	ug/L	98
5) Vinyl chloride	1.33	62	64458	50.378	ug/L	100
6) Bromomethane	1.51	94	29758	43.469	ug/L	98
8) Chloroethane	1.58	64	39373	60.329	ug/L	100
9) Trichlorofluoromethane	1.76	101	124061	53.514	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72014	50.765	ug/L	97
12) 1,1-Dichloroethene	2.14	96	65454	50.716	ug/L	95
13) Acetone	2.19	43	83182	68.257	ug/L	96
14) Carbon disulfide	2.32	76	165418	46.938	ug/L	100
15) Methyl Acetate	2.46	43	72190	54.733	ug/L	98
16) Methylene chloride	2.54	84	71726	49.910	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	66302	50.764	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	217227	52.248	ug/L	99
19) 1,1-Dichloroethane	3.23	63	121487	52.691	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	77292	51.585	ug/L	100
22) 2-Butanone	4.02	43	98067	95.853	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : VV008993.D
Acq On : 17 Dec 2018 20:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Quant Time: Dec 18 01:53:29 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)
23) Bromochloromethane	4.30	128	40645	51.831	ug/L	99
25) Chloroform	4.43	83	132397	51.509	ug/L	98
27) 1,2-Dichloroethane	5.18	62	101629	50.889	ug/L	99
29) Cyclohexane	4.73	56	103103	49.271	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	118553	49.251	ug/L	100
31) Carbon tetrachloride	4.88	117	104533	48.096	ug/L	100
33) Benzene	5.15	78	273921	50.584	ug/L	100
34) Trichloroethene	5.96	95	80355	51.402	ug/L	95
35) Methylcyclohexane	6.18	83	116638	50.313	ug/L	99
37) 1,2-Dichloropropane	6.22	63	71834	51.310	ug/L	100
38) Bromodichloromethane	6.56	83	97180	50.158	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	113113	50.662	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	177337	109.641	ug/L	100
42) Toluene	7.43	91	300646	51.964	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	104967	50.437	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	74966	52.880	ug/L	97
46) Tetrachloroethene	8.02	164	62061	49.855	ug/L	99
48) 2-Hexanone	8.18	43	144862	107.545	ug/L	99
49) Dibromochloromethane	8.29	129	84529	51.306	ug/L	100
50) 1,2-Dibromoethane	8.40	107	78711	51.945	ug/L	99
51) Chlorobenzene	8.93	112	201584	50.990	ug/L	99
52) Ethylbenzene	9.06	91	330898	51.827	ug/L	100
53) m,p-Xylene	9.18	106	127960	52.557	ug/L	99
54) o-xylene	9.59	106	125476	52.105	ug/L	98
55) Styrene	9.60	104	213424	53.604	ug/L	99
56) Isopropylbenzene	9.98	105	333560	52.475	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	110048	52.842	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	95334	54.072	ug/L	99
61) Bromoform	9.78	173	59072	47.393	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	159449	51.270	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	160513	51.256	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	164014	51.939	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	22617	52.393	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	106939	53.354	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	72872	53.005	ug/L	100
69) Naphthalene	13.56	128	169104	49.193	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	73406	53.020	ug/L	99

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

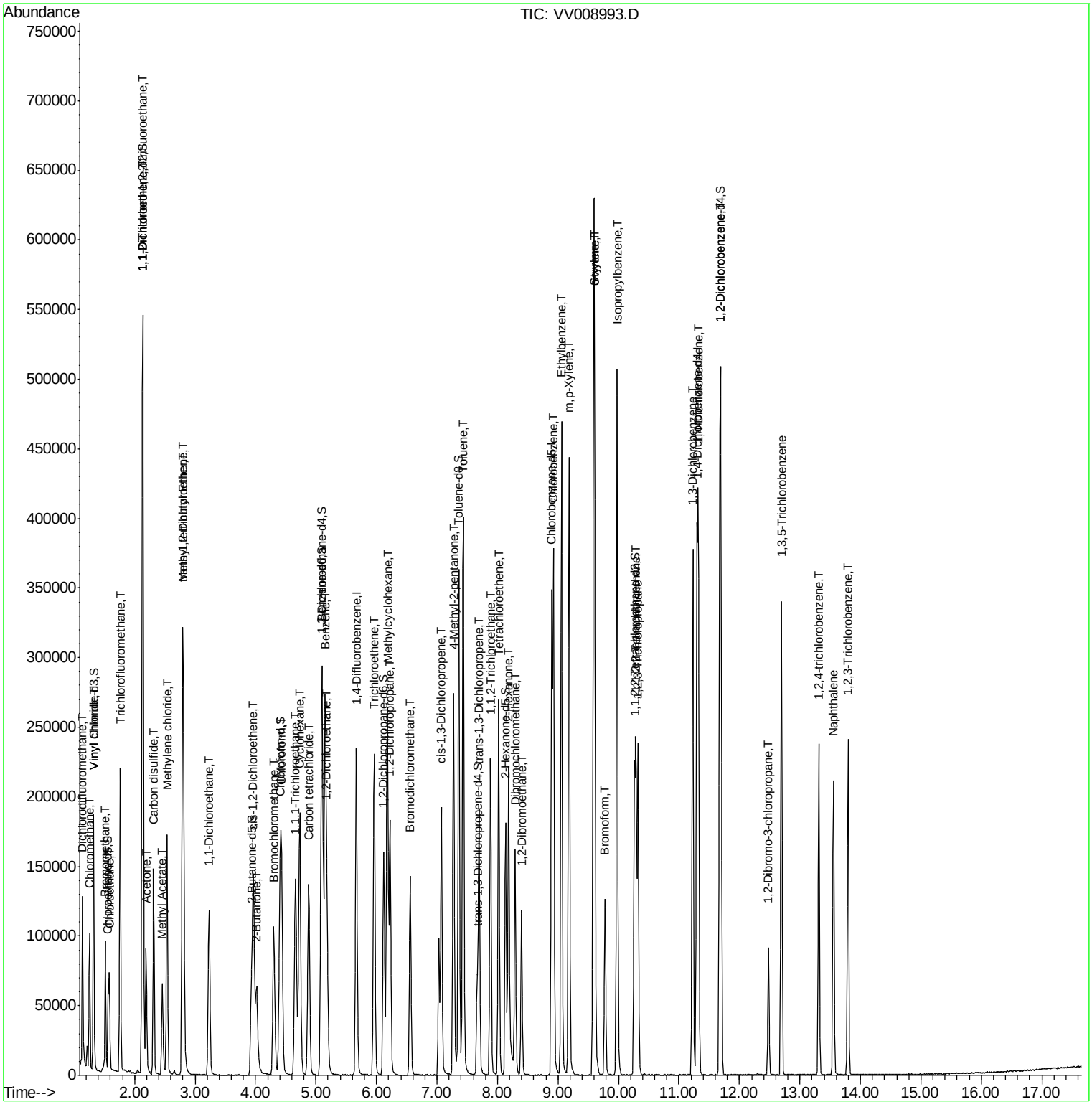
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

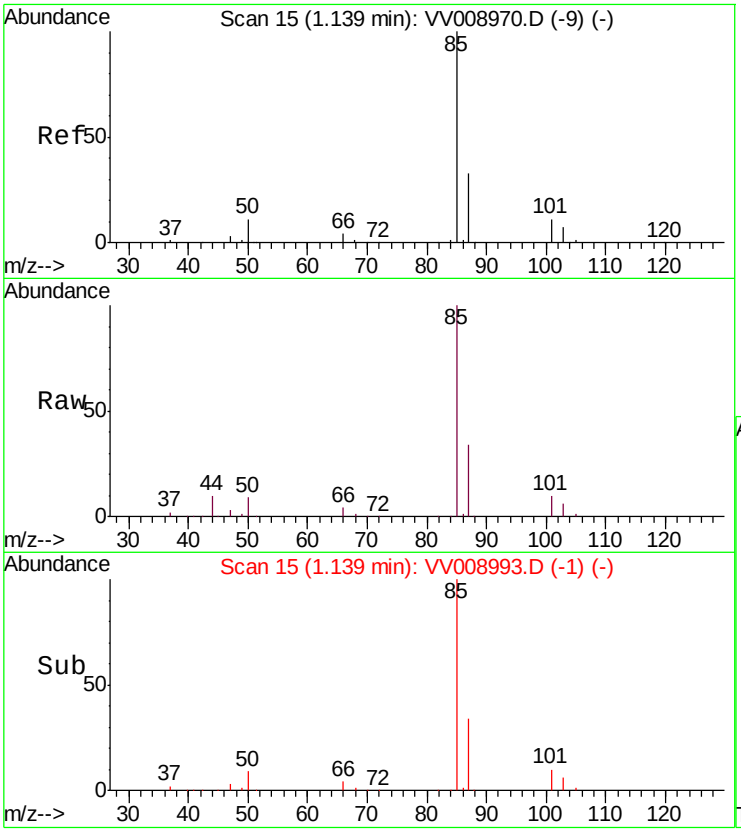
Quantitation Report (Not Reviewed)

Data File : VV008993.D
Acq On : 17 Dec 2018 20:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Quant Time: Dec 18 01:53:29 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



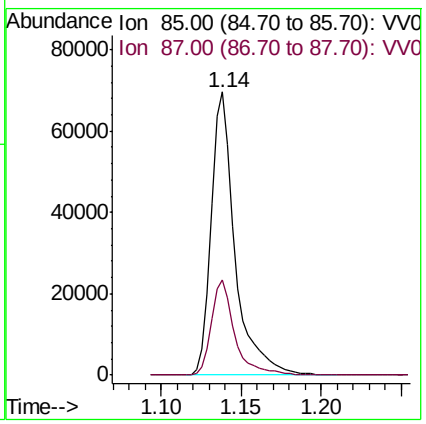


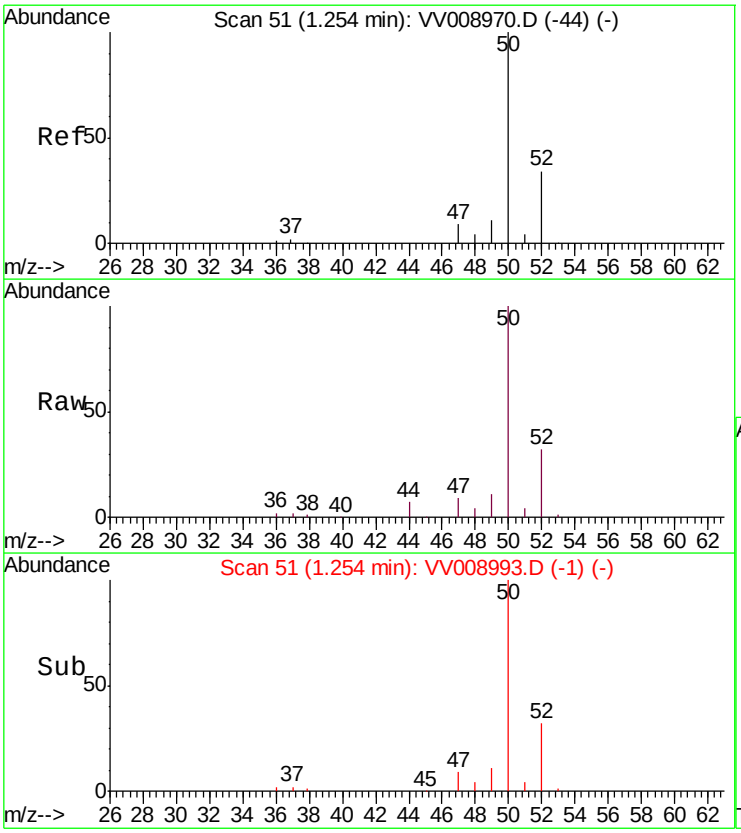
#2
Dichlorodifluoromethane
Concen: 49.451 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 85 Resp: 72194

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.4

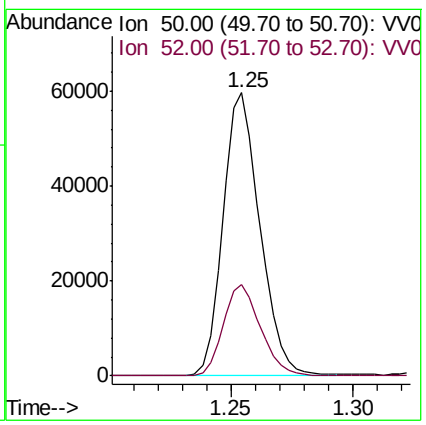


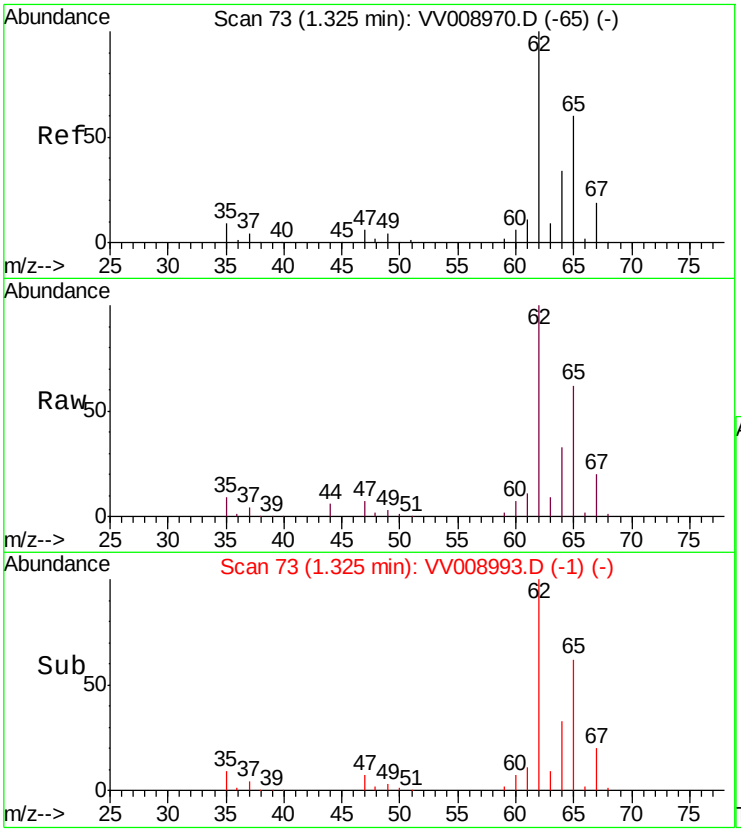


#3
Chloromethane
Concen: 51.338 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 50 Resp: 62887

Ion	Ratio	Lower	Upper
50	100		
52	32.3	21.9	40.7



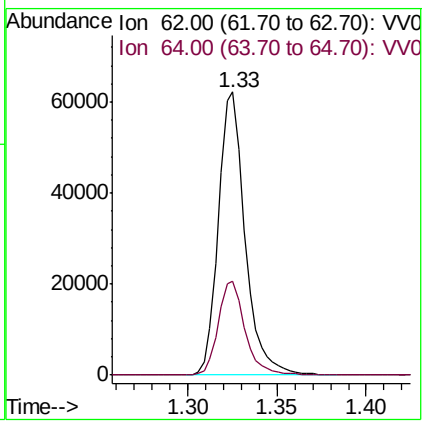


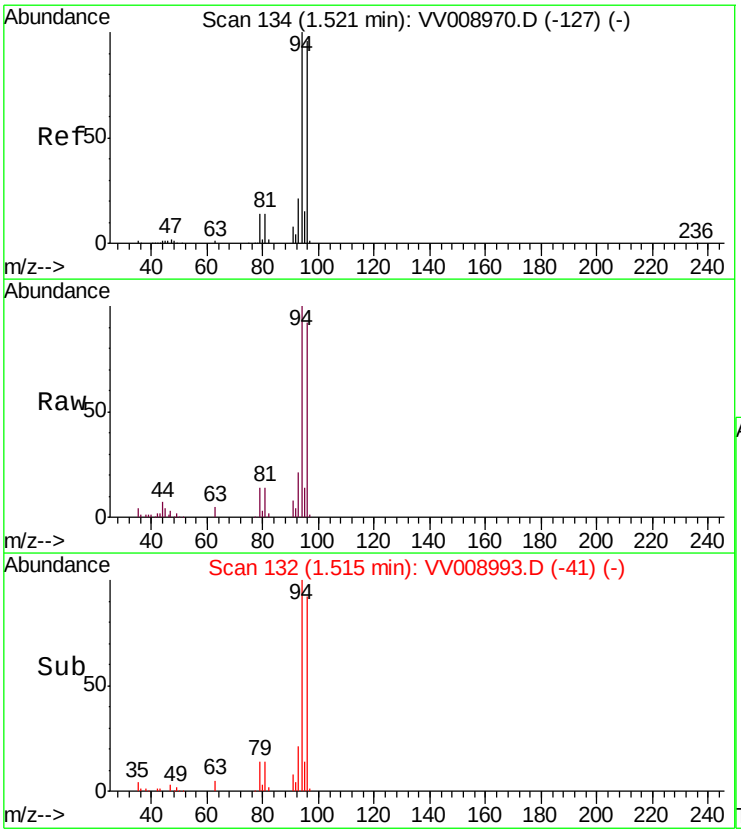
#5
Vinyl chloride
Concen: 50.378 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 62 Resp: 64458

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.9	42.5

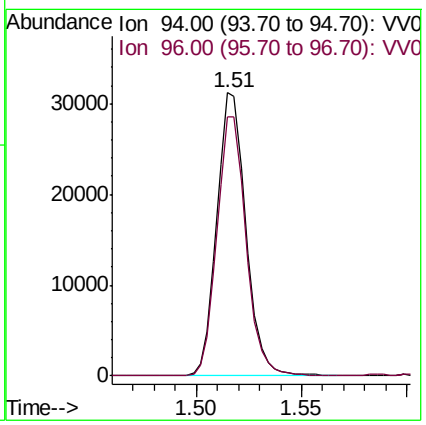


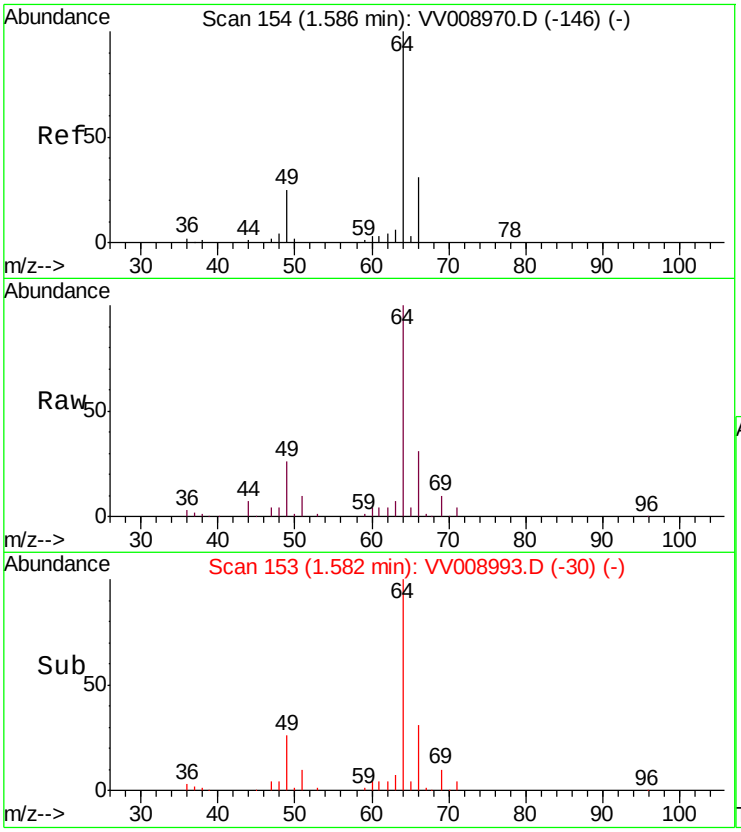


#6
Bromomethane
Concen: 43.469 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.01 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 94 Resp: 29758

Ion	Ratio	Lower	Upper
94	100		
96	91.6	65.4	121.4



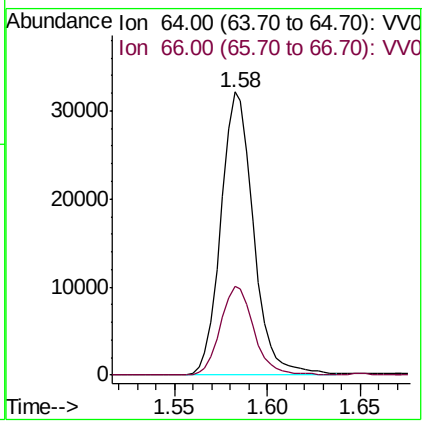


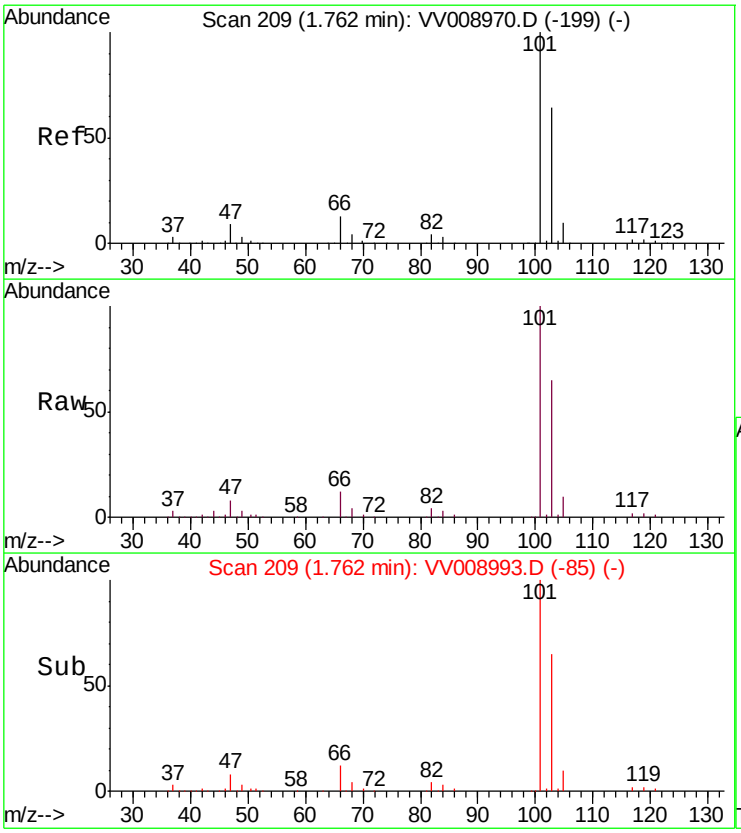
#8
Chloroethane
Concen: 60.329 ug/L
RT: 1.58 min Scan# 153
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 64 Resp: 39373

Ion	Ratio	Lower	Upper
64	100		
66	31.2	21.8	40.4

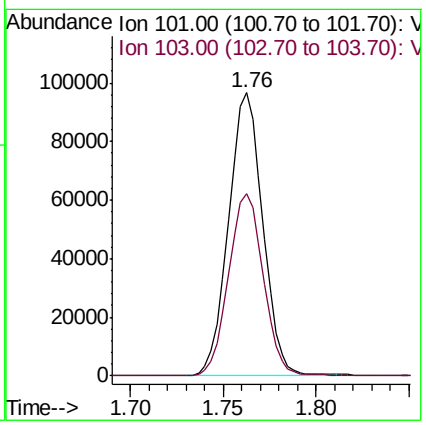


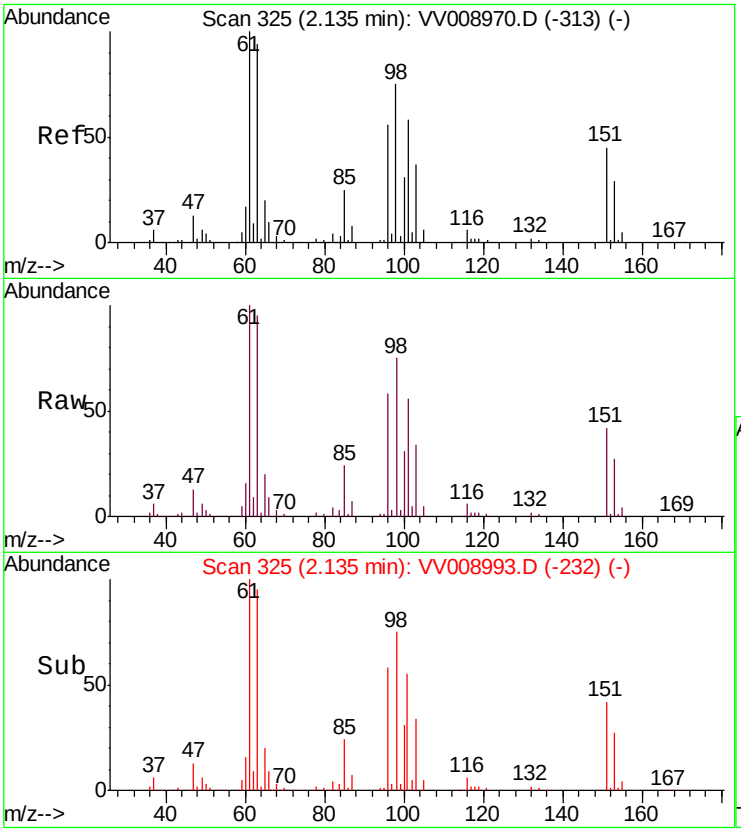


#9
Trichlorofluoromethane
Concen: 53.514 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:101 Resp: 124061

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.5	77.3



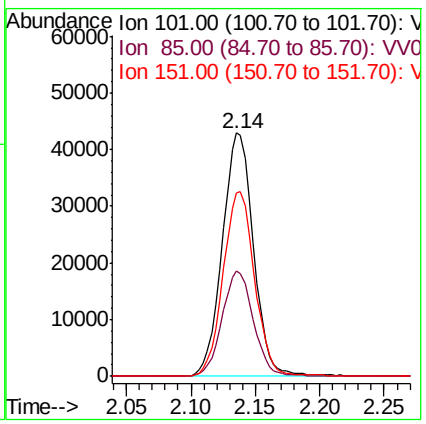


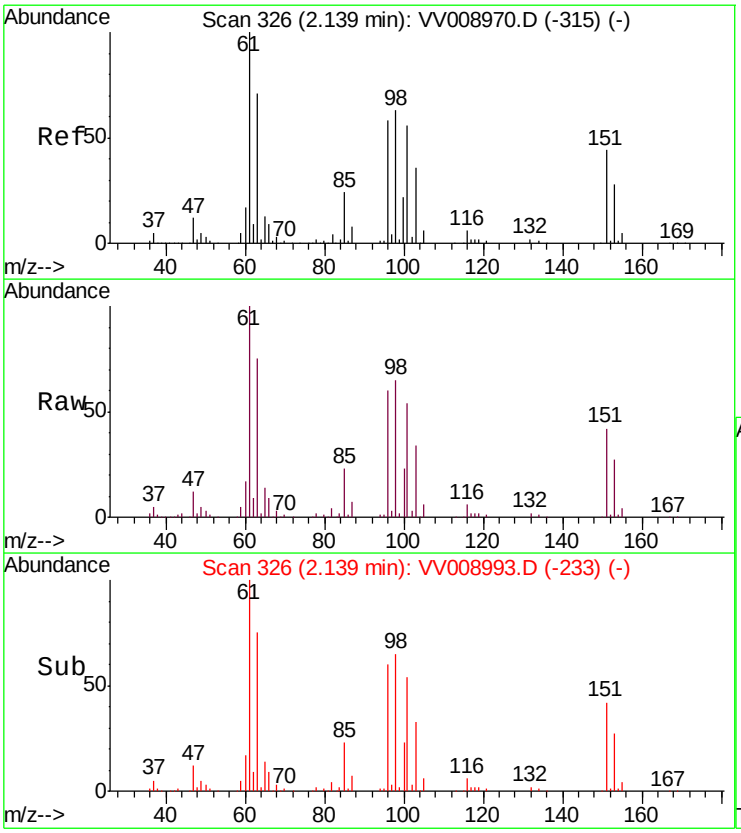
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.765 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion:101 Resp: 72014

Ion	Ratio	Lower	Upper
101	100		
85	43.3	34.6	52.0
151	76.4	63.8	95.8

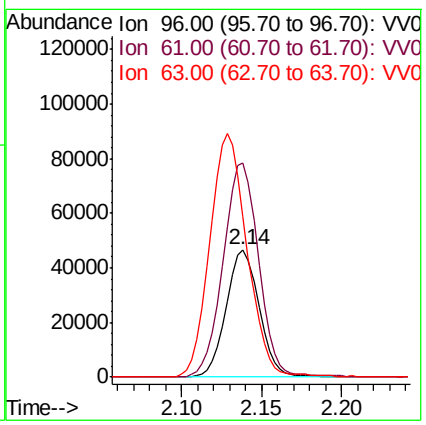


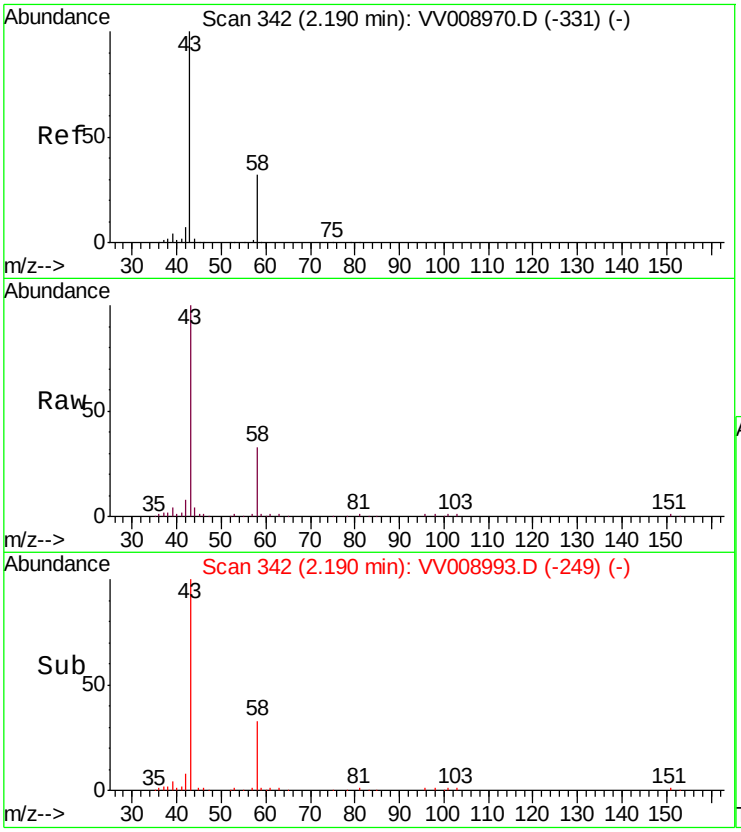


#12
1,1-Dichloroethene
Concen: 50.716 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 96 Resp: 65454

Ion	Ratio	Lower	Upper
96	100		
61	167.9	119.1	221.3
63	125.3	96.0	178.2



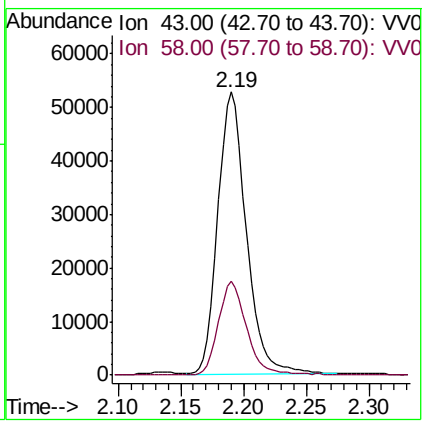


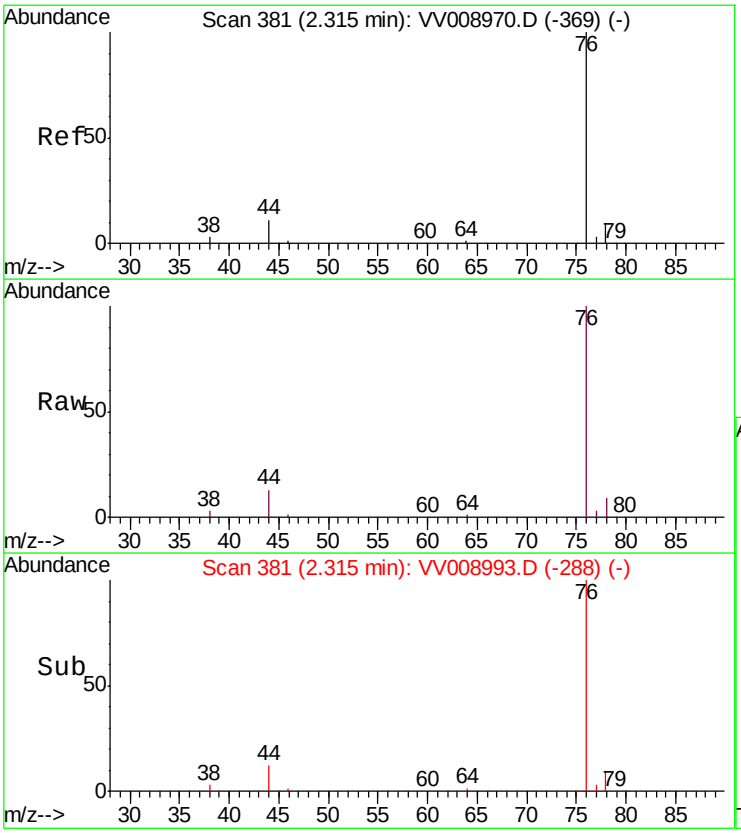
#13
Acetone
Concen: 68.257 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 43 Resp: 83182

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	61.8

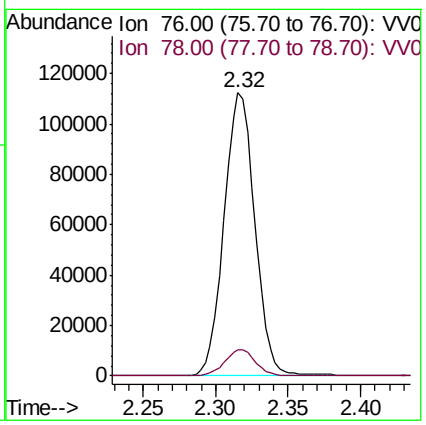


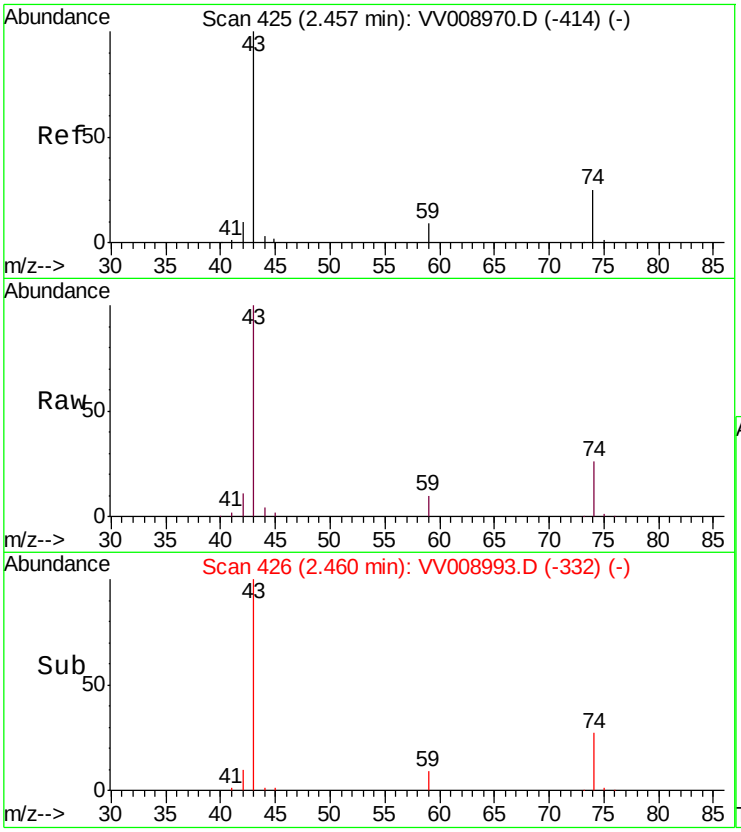


#14
Carbon disulfide
Concen: 46.938 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 76 Resp: 165418

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9



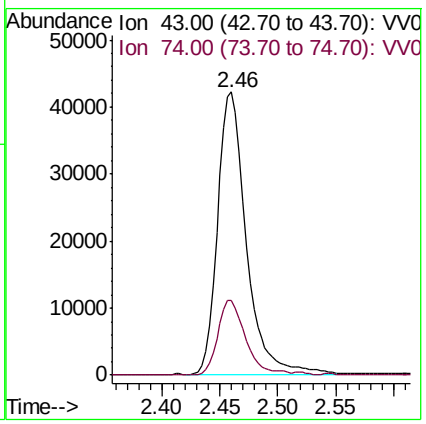


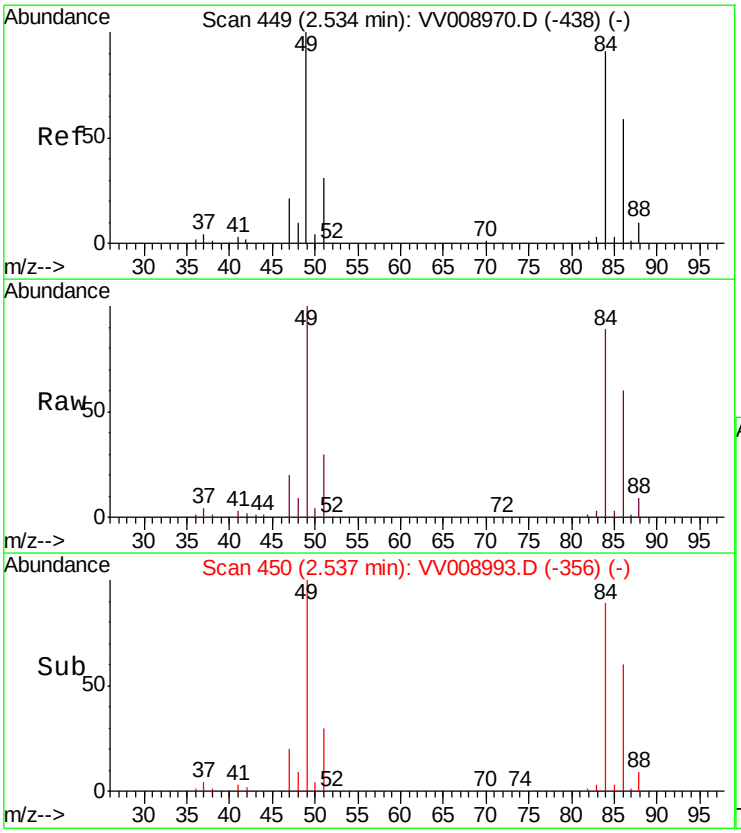
#15
Methyl Acetate
Concen: 54.733 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 43 Resp: 72190

Ion	Ratio	Lower	Upper
43	100		
74	25.3	21.0	31.6

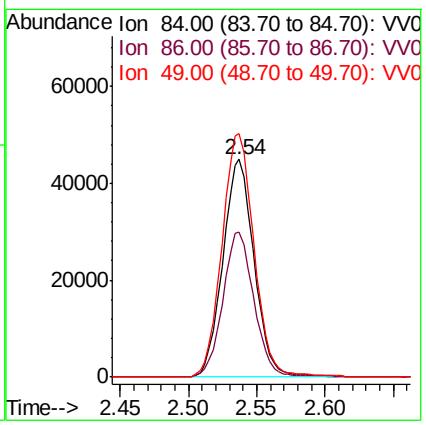


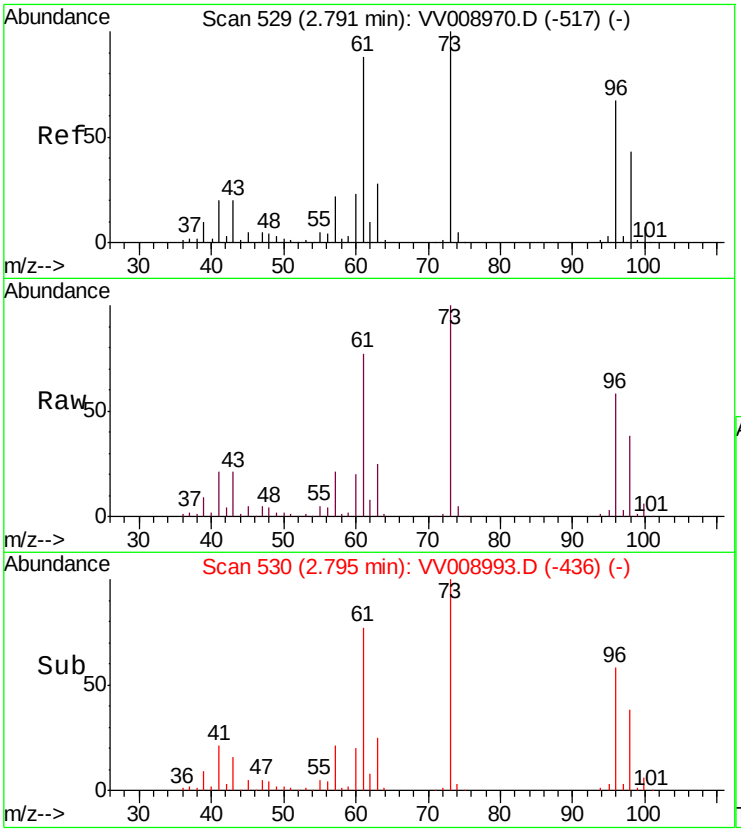


#16
Methylene chloride
Concen: 49.910 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 84 Resp: 71726

Ion	Ratio	Lower	Upper
84	100		
86	66.6	44.2	82.0
49	111.9	77.4	143.8



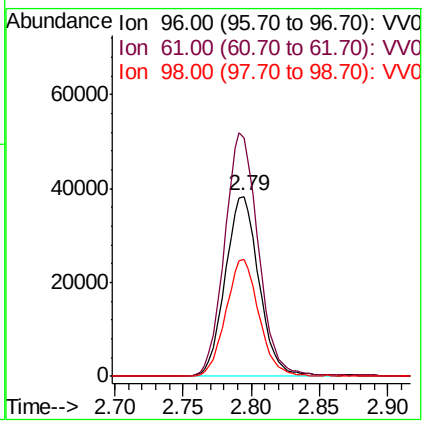


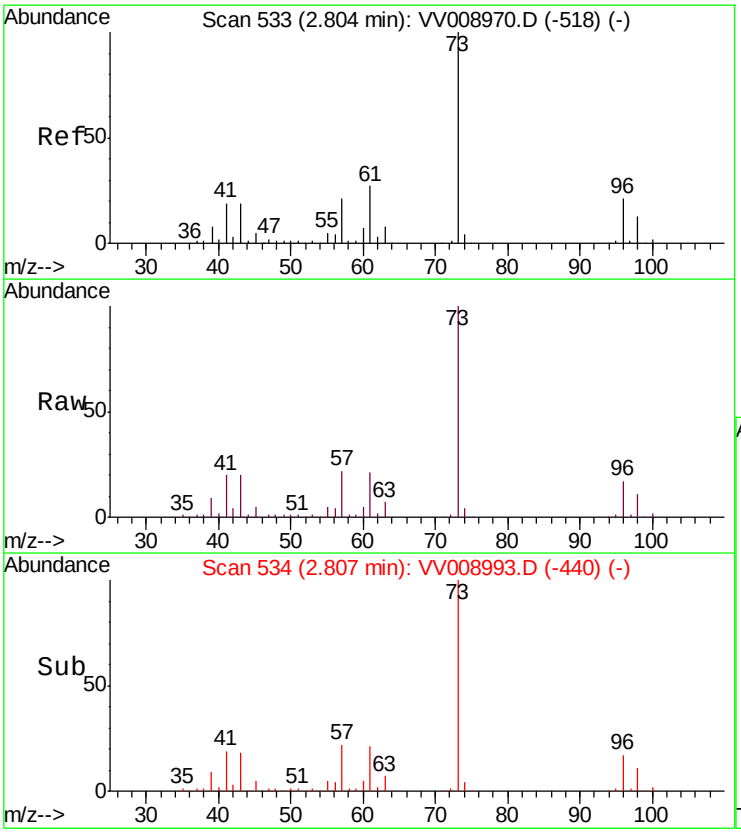
#17
trans-1,2-Dichloroethene
Concen: 50.764 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 96 Resp: 66302

Ion	Ratio	Lower	Upper
96	100		
61	132.3	90.8	168.6
98	64.7	44.2	82.0

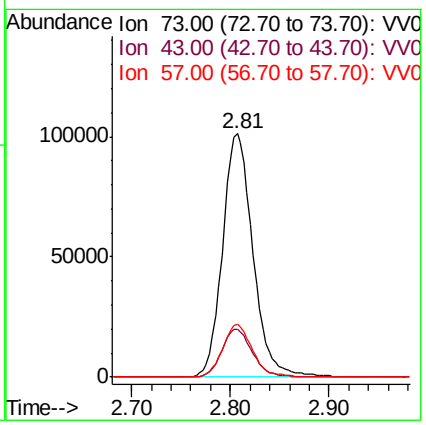


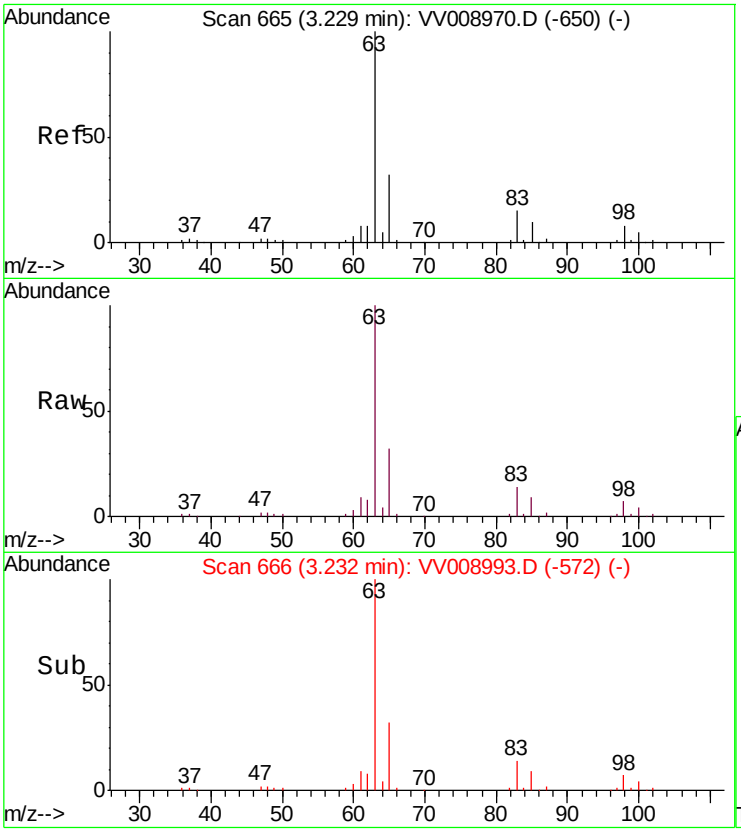


#18
Methyl tert-butyl Ether
Concen: 52.248 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 73 Resp: 217227

Ion	Ratio	Lower	Upper
73	100		
43	19.8	15.4	23.2
57	21.0	16.9	25.3



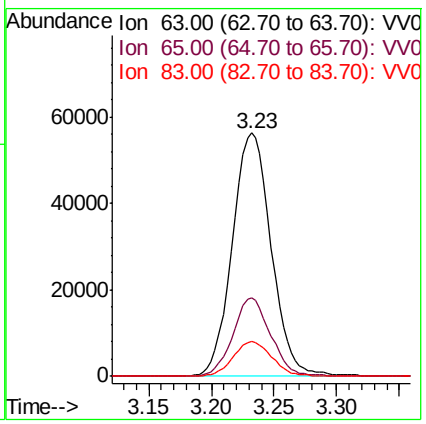


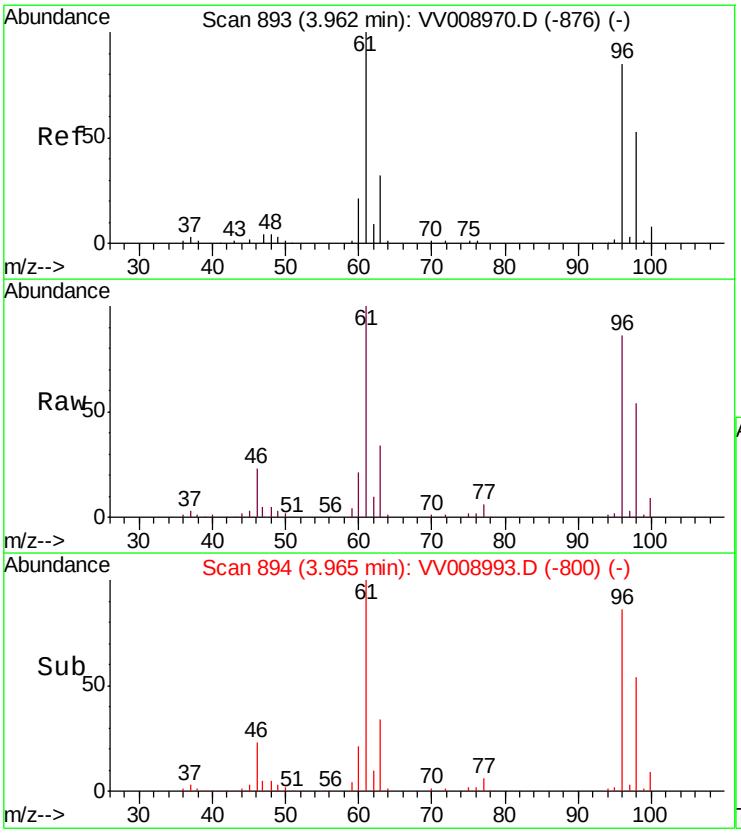
#19
1,1-Dichloroethane
Concen: 52.691 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion: 63 Resp: 121487

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.6
83	14.2	9.7	18.1

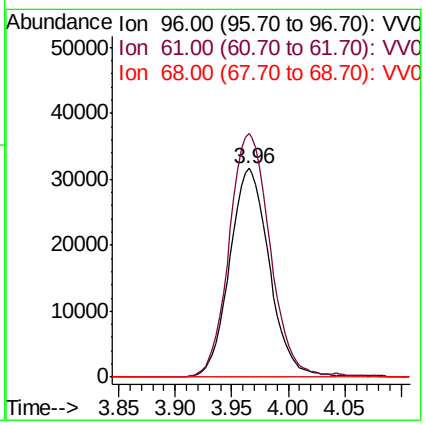


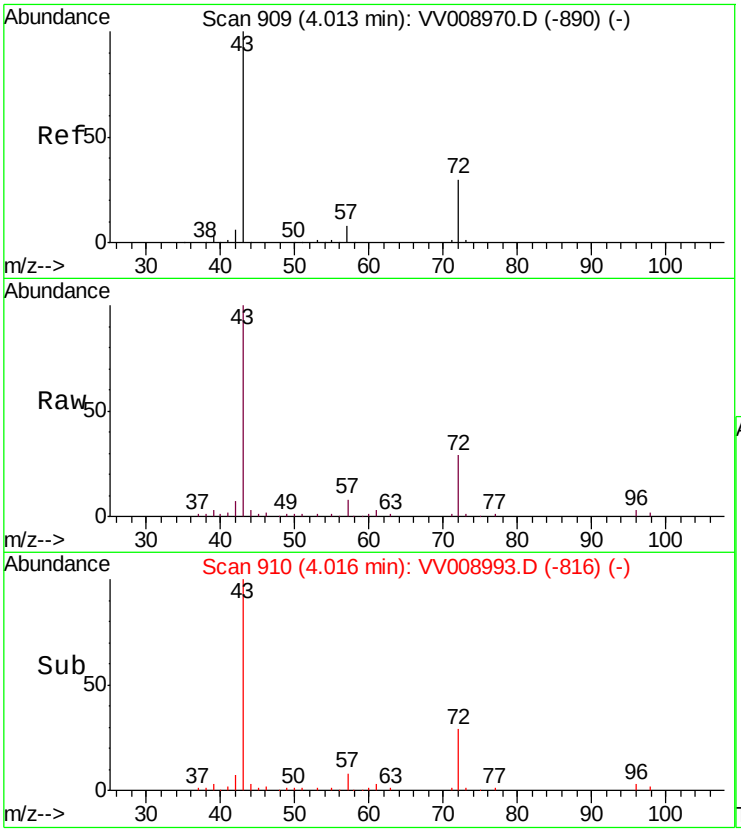


#20
cis-1,2-Dichloroethene
Concen: 51.585 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 96 Resp: 77292

Ion	Ratio	Lower	Upper
96	100		
61	116.7	81.9	152.1
68	0.0	0.0	0.0



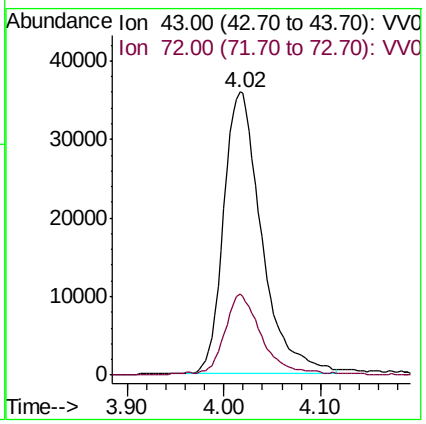


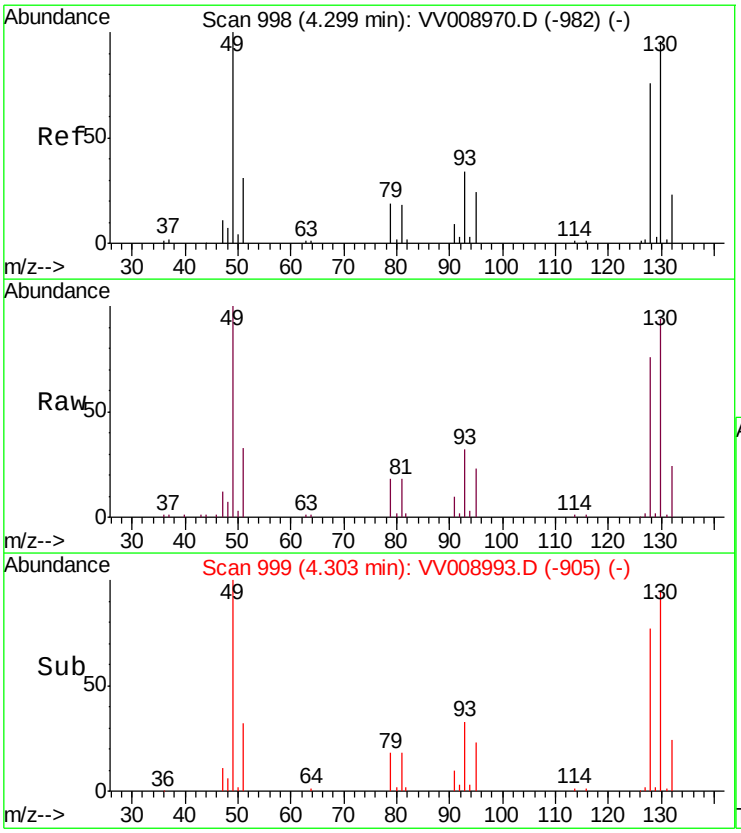
#22
2-Butanone
Concen: 95.853 ug/L
RT: 4.02 min Scan# 910
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion: 43 Resp: 98067

Ion	Ratio	Lower	Upper
43	100		
72	26.0	14.9	44.5

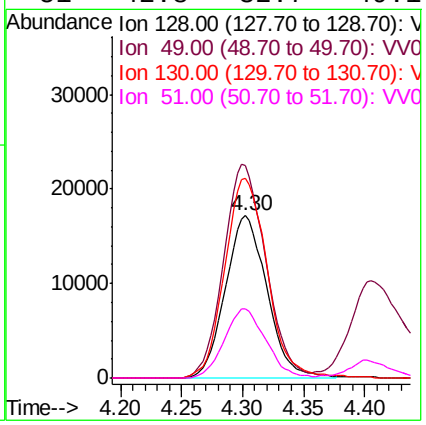


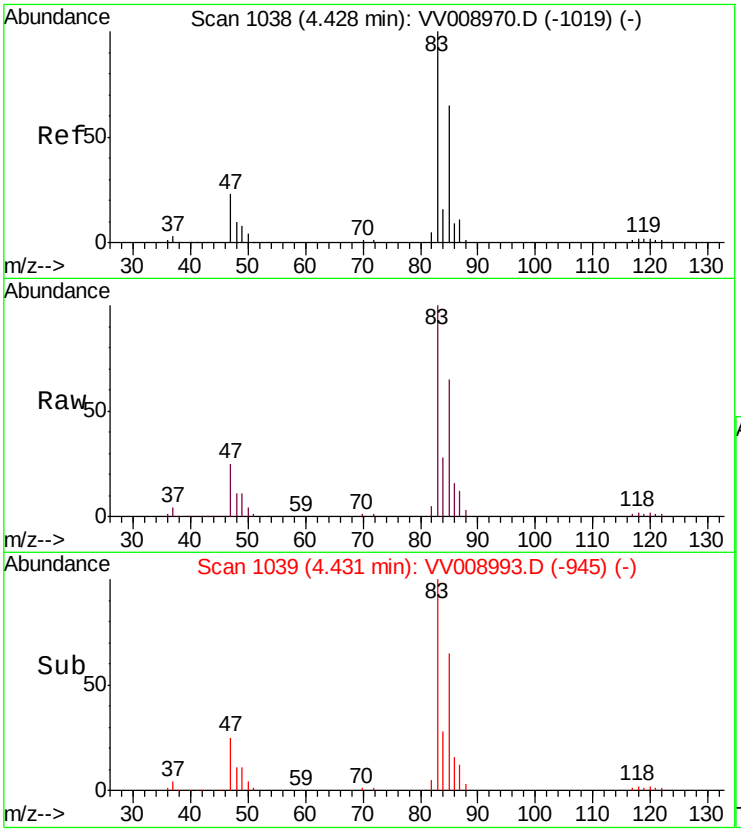


#23
Bromochloromethane
Concen: 51.831 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:128 Resp: 40645

Ion	Ratio	Lower	Upper
128	100		
49	130.7	91.6	170.0
130	122.8	86.2	160.0
51	42.8	32.7	49.1



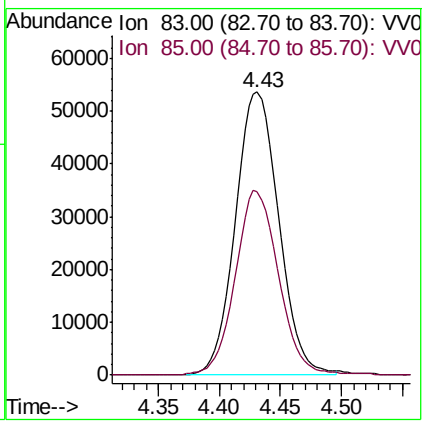


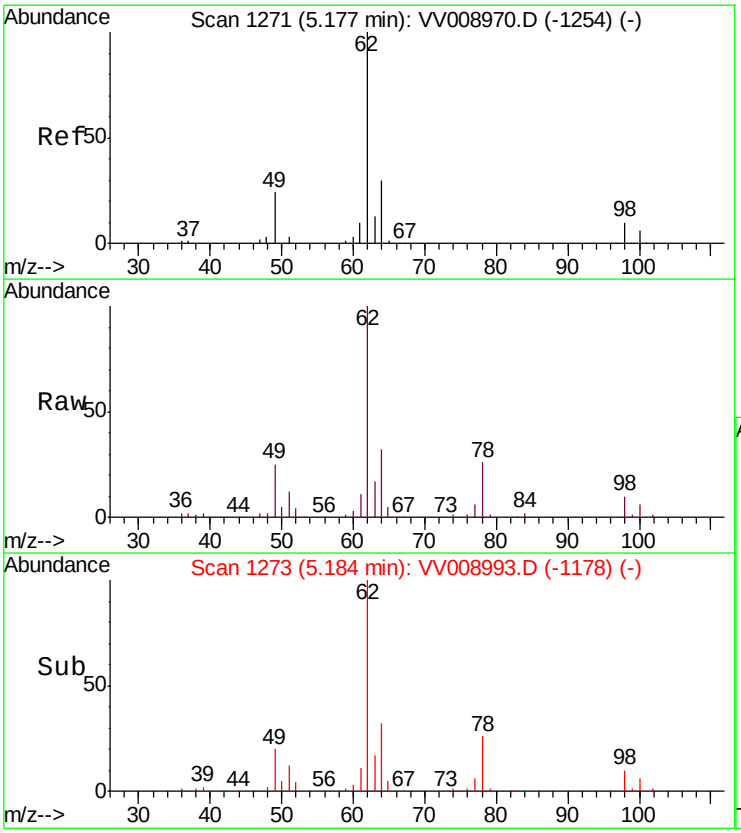
#25
Chloroform
Concen: 51.509 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 83 Resp: 132397

Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.3	82.3

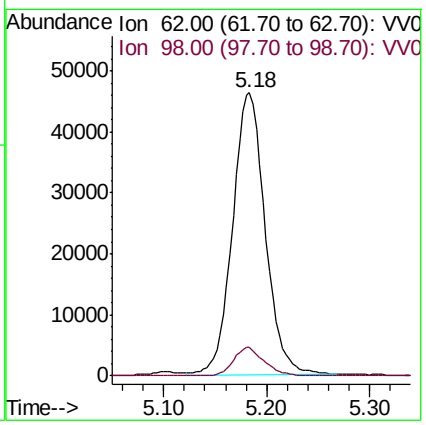


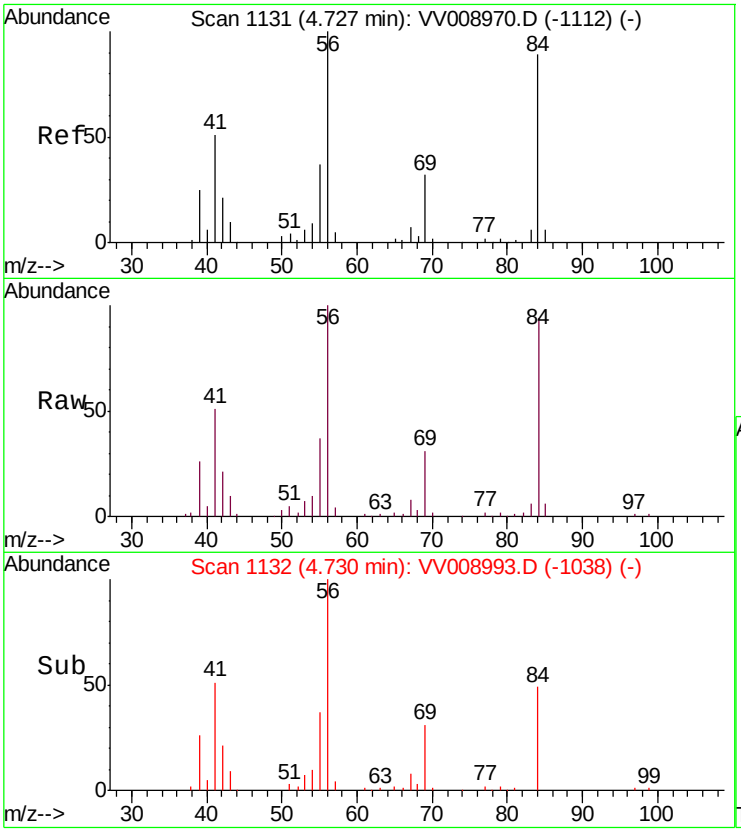


#27
1,2-Dichloroethane
Concen: 50.889 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 62 Resp: 101629

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.5	11.3



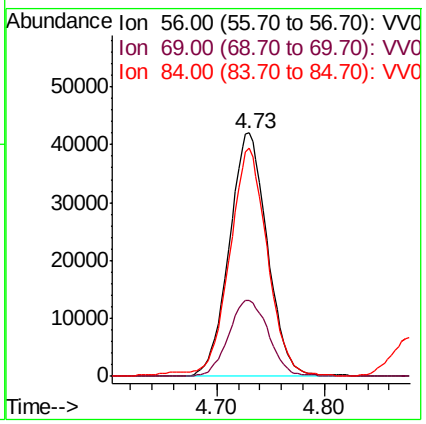


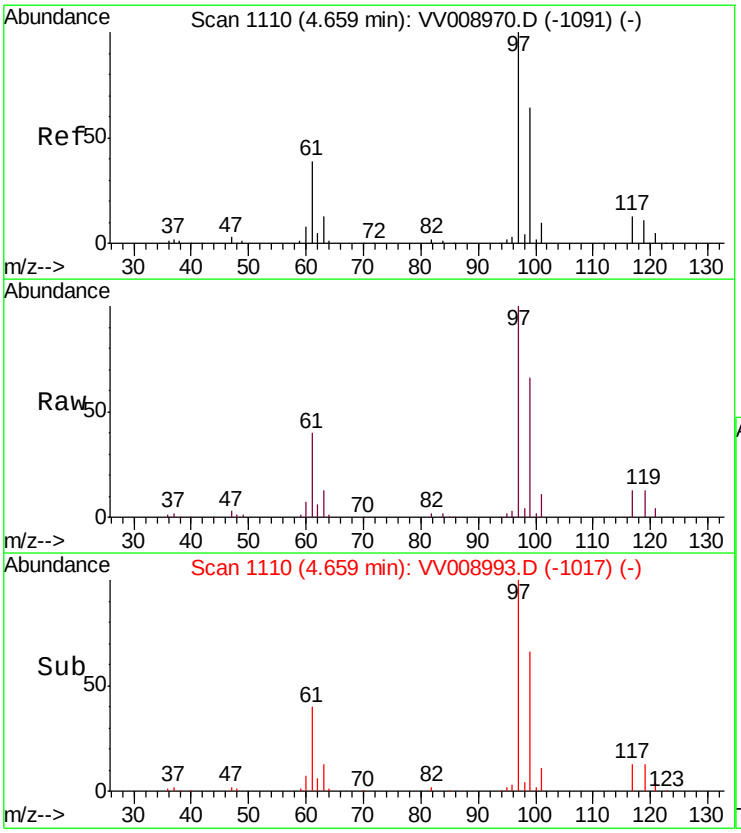
#29
Cyclohexane
Concen: 49.271 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion: 56 Resp: 103103

Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.0	39.0
84	91.9	70.9	106.3

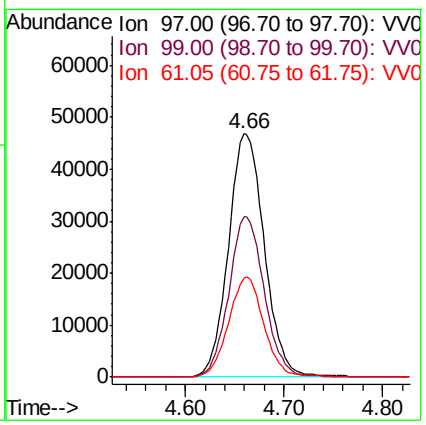


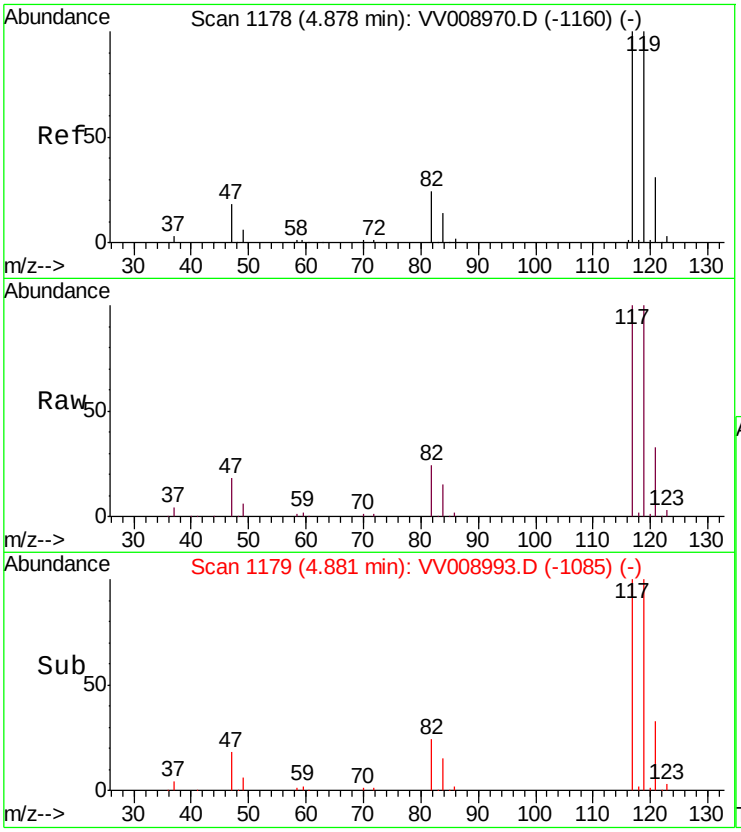


#30
1,1,1-Trichloroethane
Concen: 49.251 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 97 Resp: 118553

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.7	77.5
61	40.6	32.5	48.7



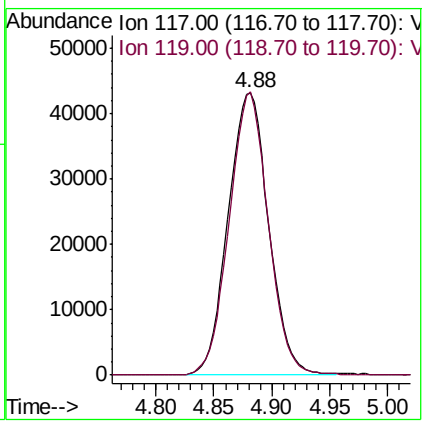


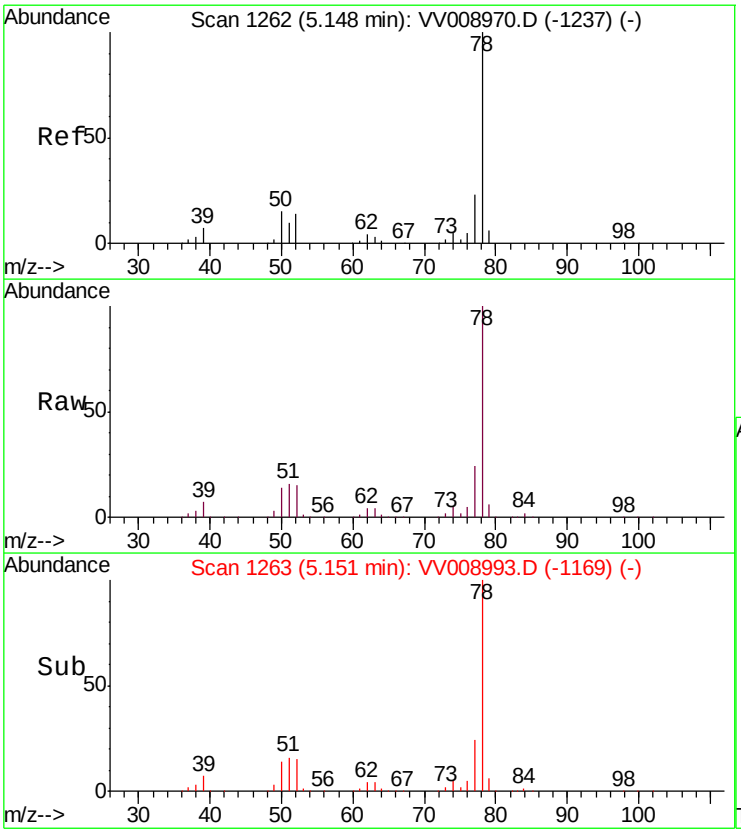
#31
Carbon tetrachloride
Concen: 48.096 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion:117 Resp: 104533

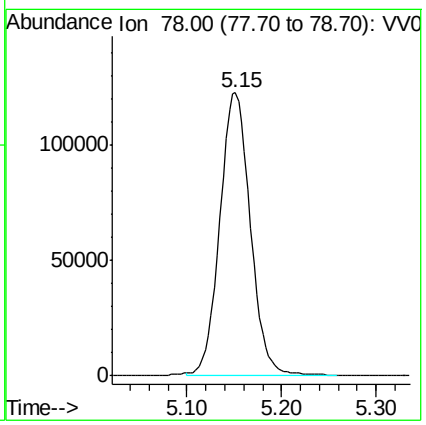
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.7	116.5

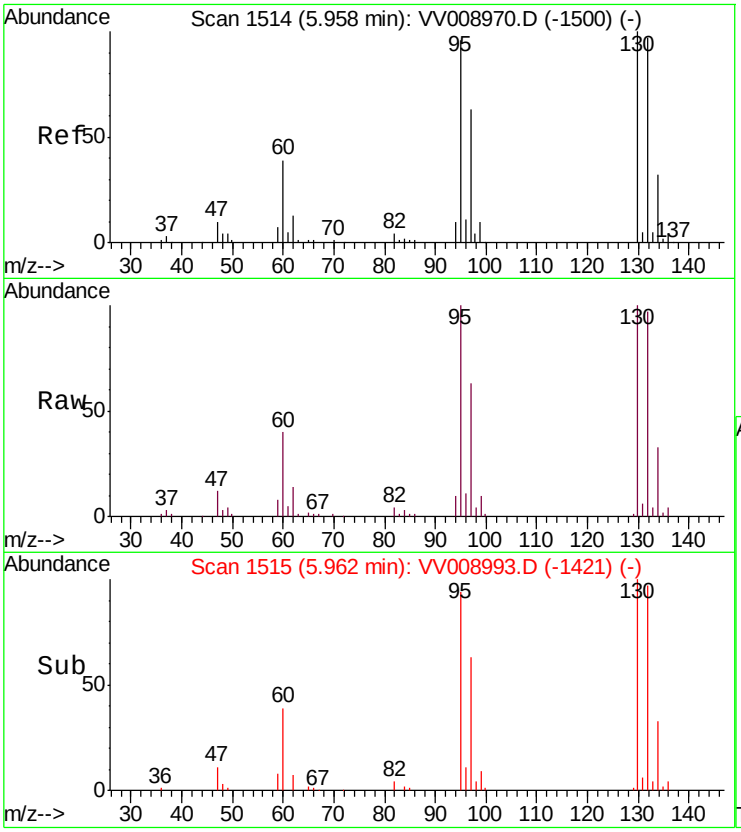




#33
Benzene
Concen: 50.584 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 78 Resp: 273921



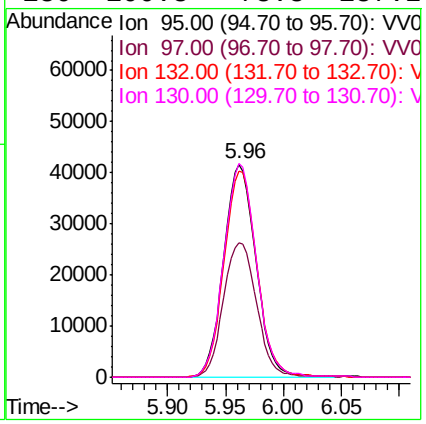


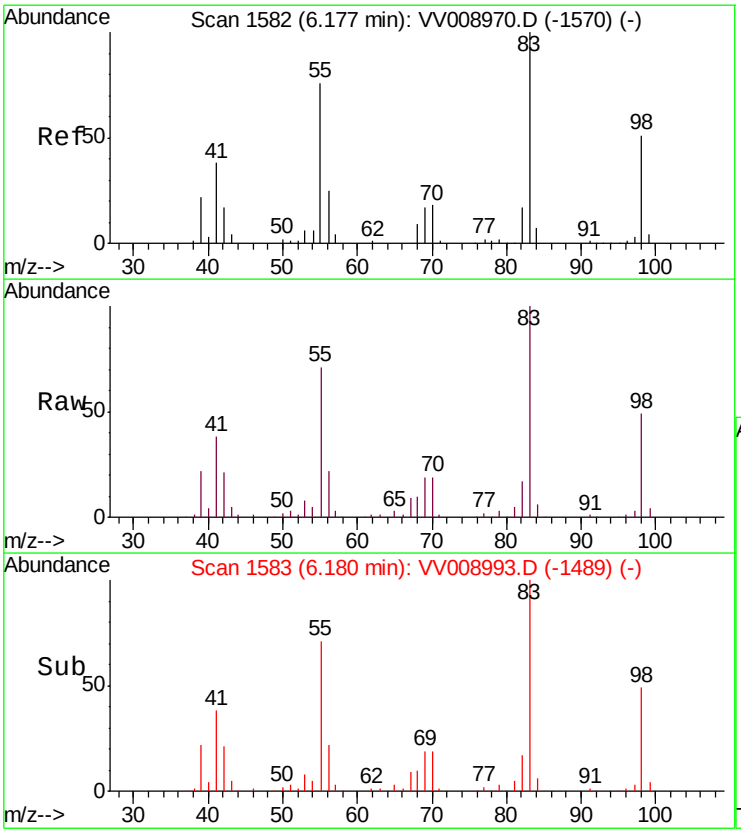
#34
Trichloroethene
Concen: 51.402 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 95 Resp: 80355

Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.7	84.9
132	96.9	72.2	134.2
130	100.3	73.8	137.2

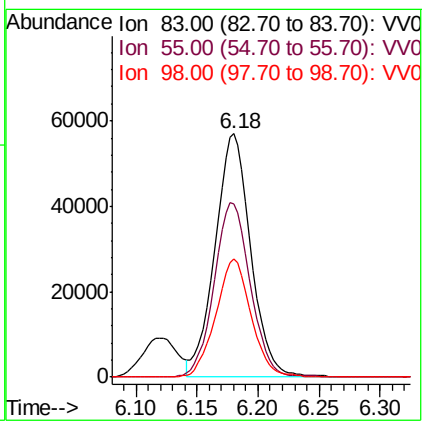


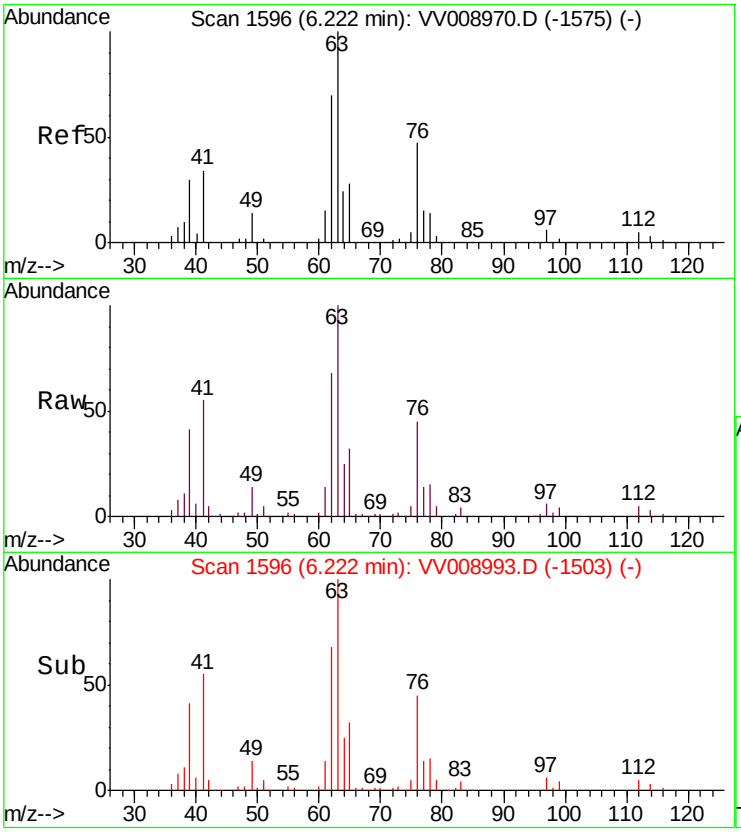


#35
Methylcyclohexane
Concen: 50.313 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 83 Resp: 116638

Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.8	86.8
98	47.2	39.0	58.4



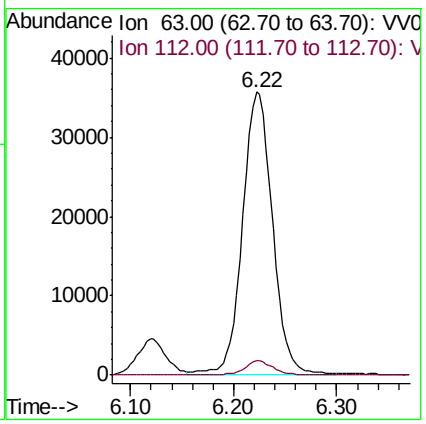


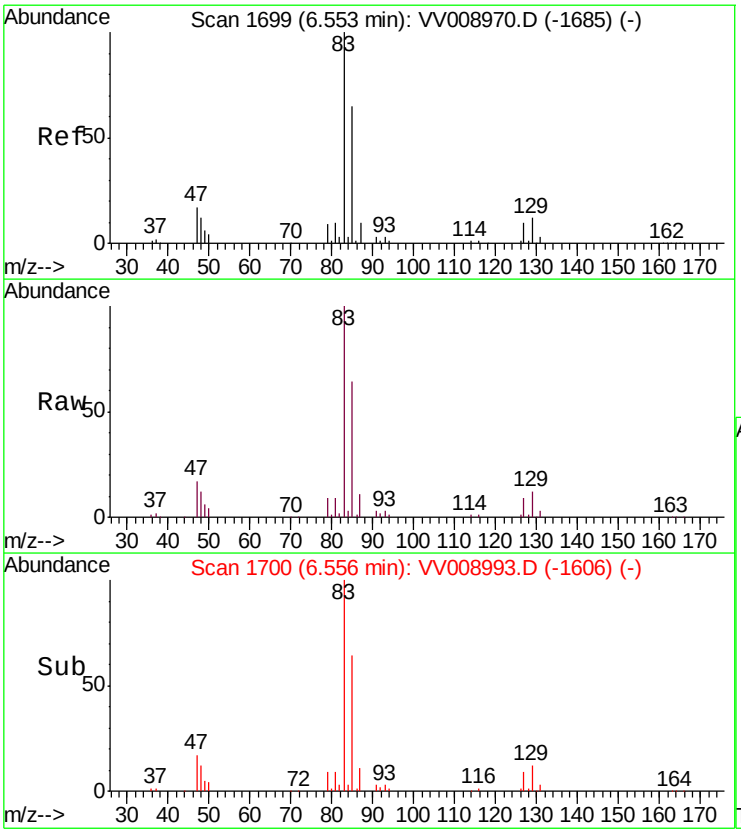
#37
1,2-Dichloropropane
Concen: 51.310 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 63 Resp: 71834

Ion	Ratio	Lower	Upper
63	100		
112	4.7	3.8	5.6

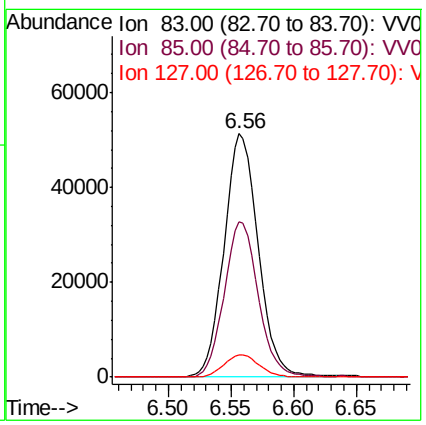


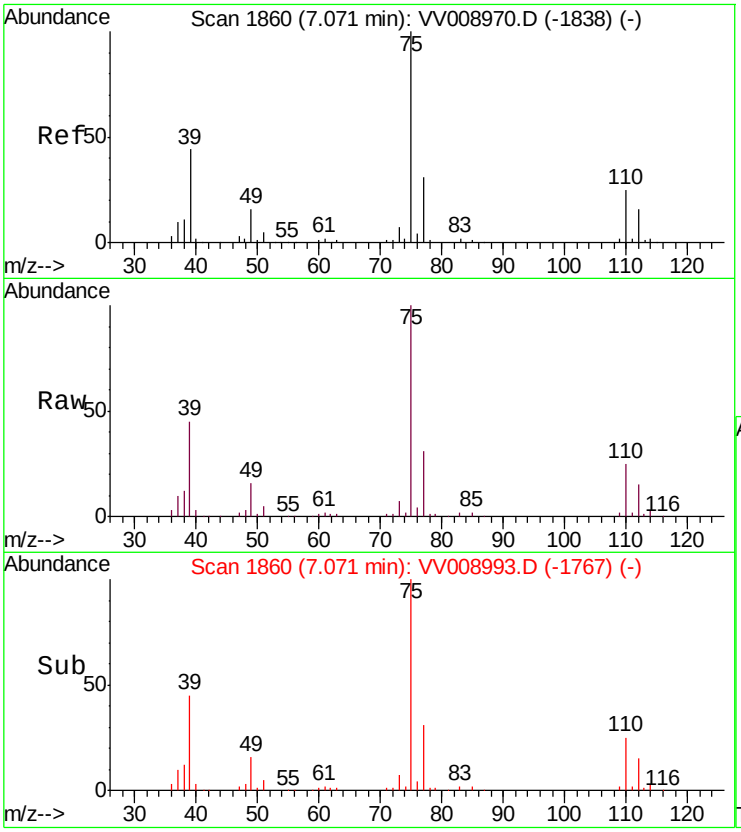


#38
Bromodichloromethane
Concen: 50.158 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 83 Resp: 97180

Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.8	85.0
127	9.2	7.4	11.0



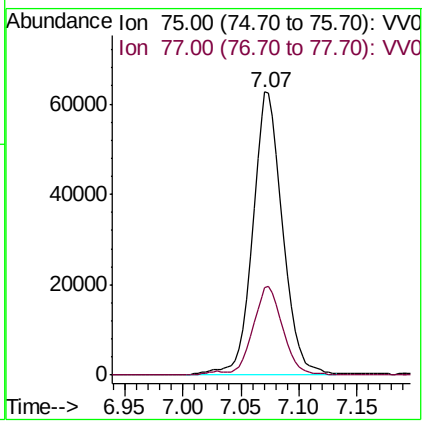


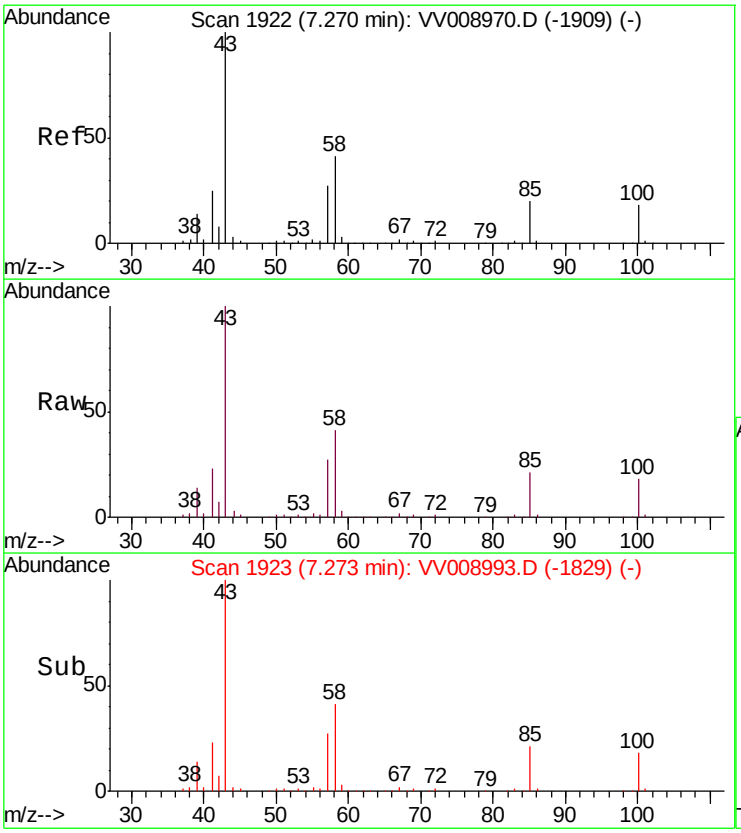
#39
cis-1,3-Dichloropropene
Concen: 50.662 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 75 Resp: 113113

Ion	Ratio	Lower	Upper
75	100		
77	31.1	21.8	40.4

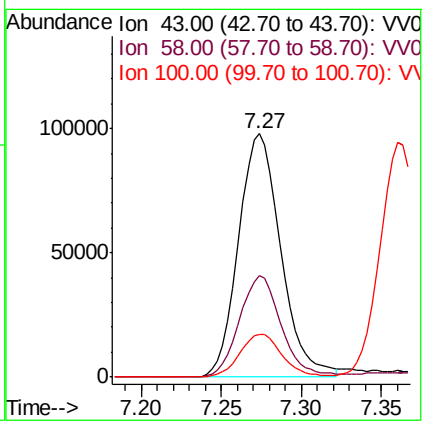


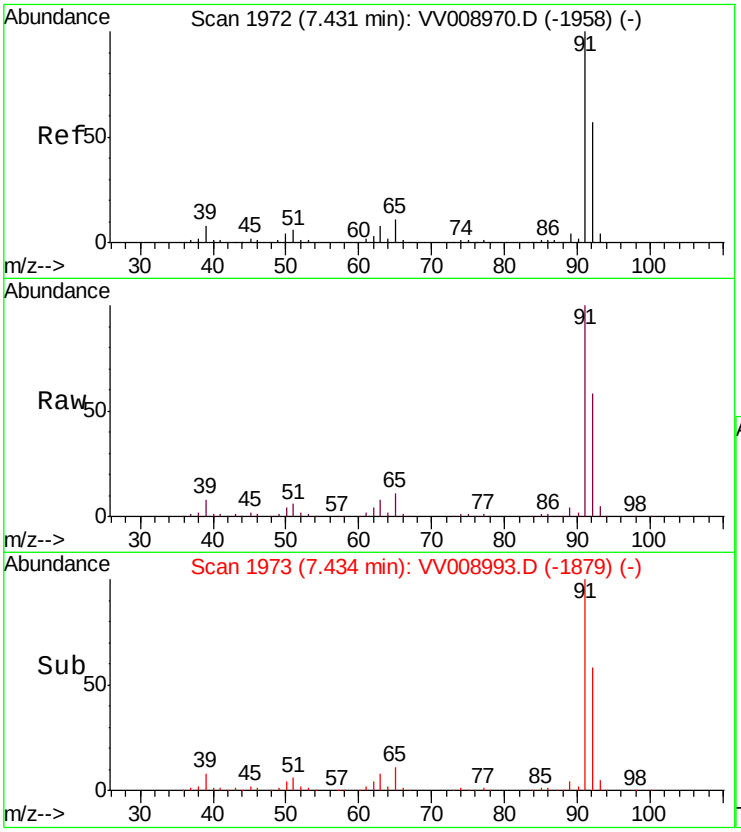


#40
4-Methyl-2-pentanone
Concen: 109.641 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 43 Resp: 177337

Ion	Ratio	Lower	Upper
43	100		
58	41.6	33.4	50.0
100	17.6	13.9	20.9



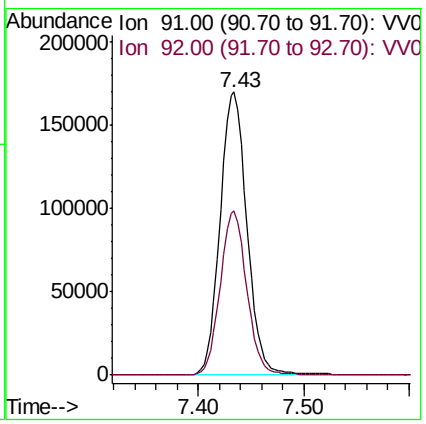


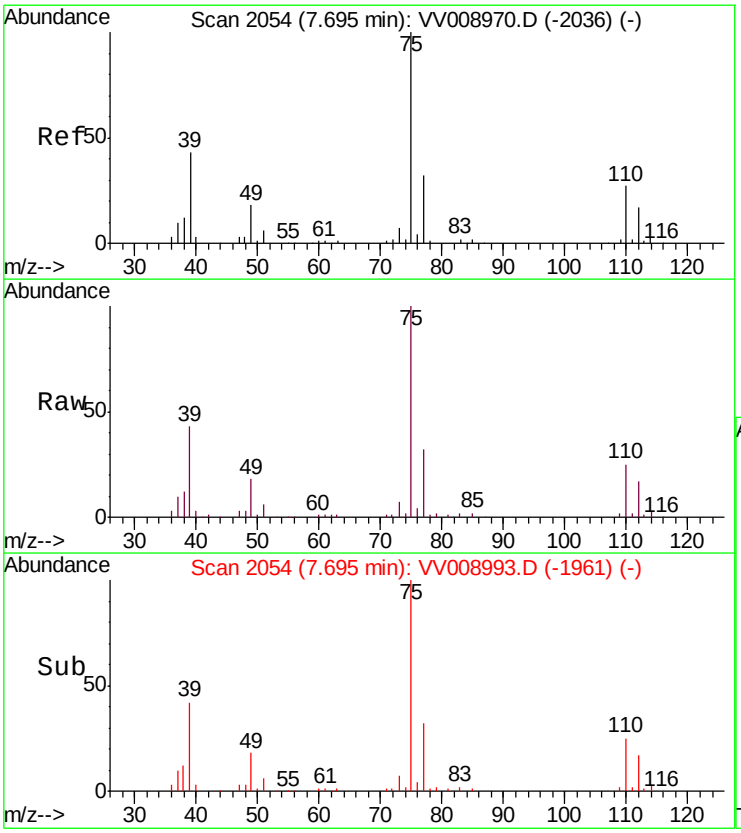
#42
Toluene
Concen: 51.964 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion: 91 Resp: 300646

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.7	75.5

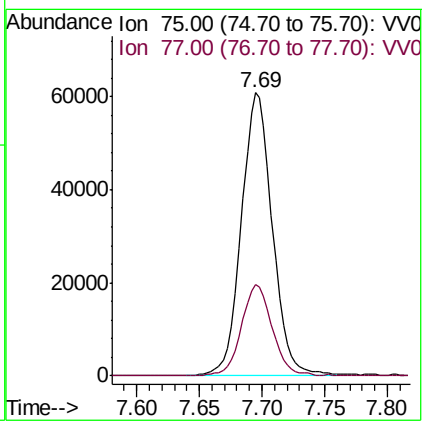


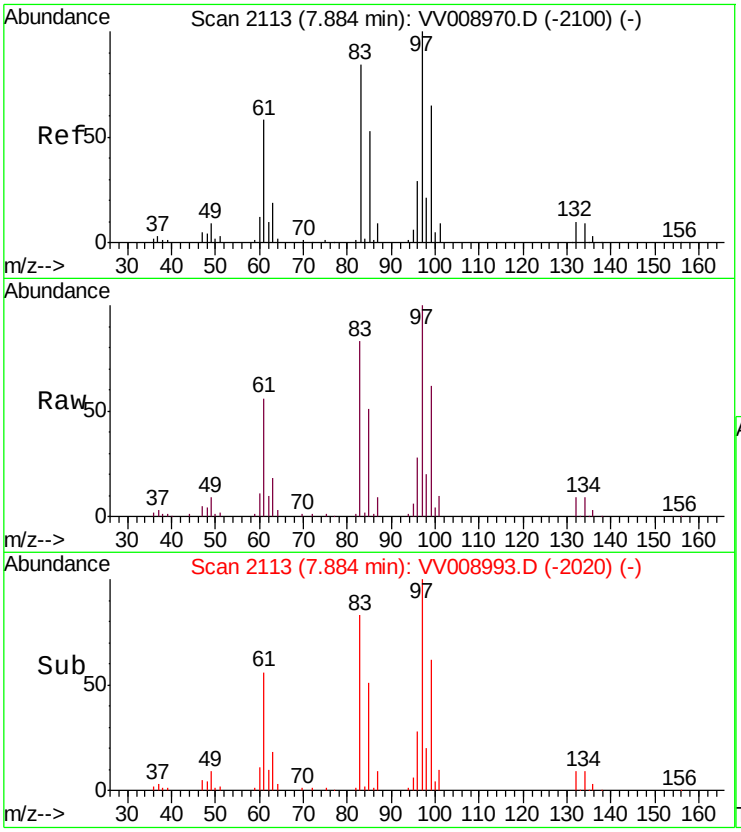


#44
trans-1,3-Dichloropropene
Concen: 50.437 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 75 Resp: 104967

Ion	Ratio	Lower	Upper
75	100		
77	32.3	21.6	40.2



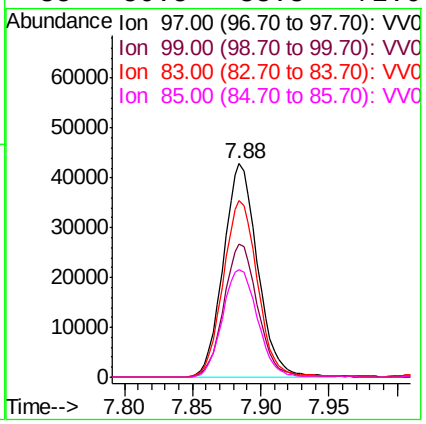


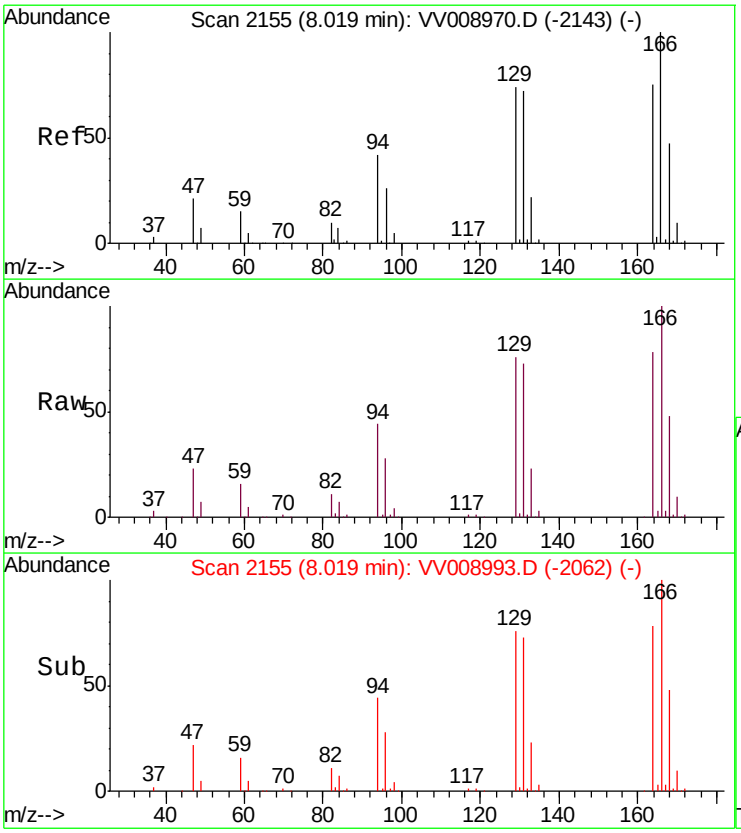
#45
1,1,2-Trichloroethane
Concen: 52.880 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 97 Resp: 74966

Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	82.6	58.8	109.2
85	50.5	38.8	72.0

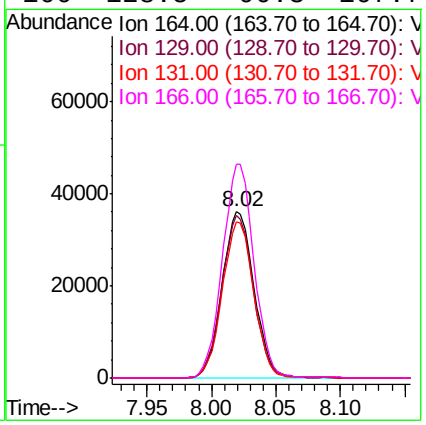


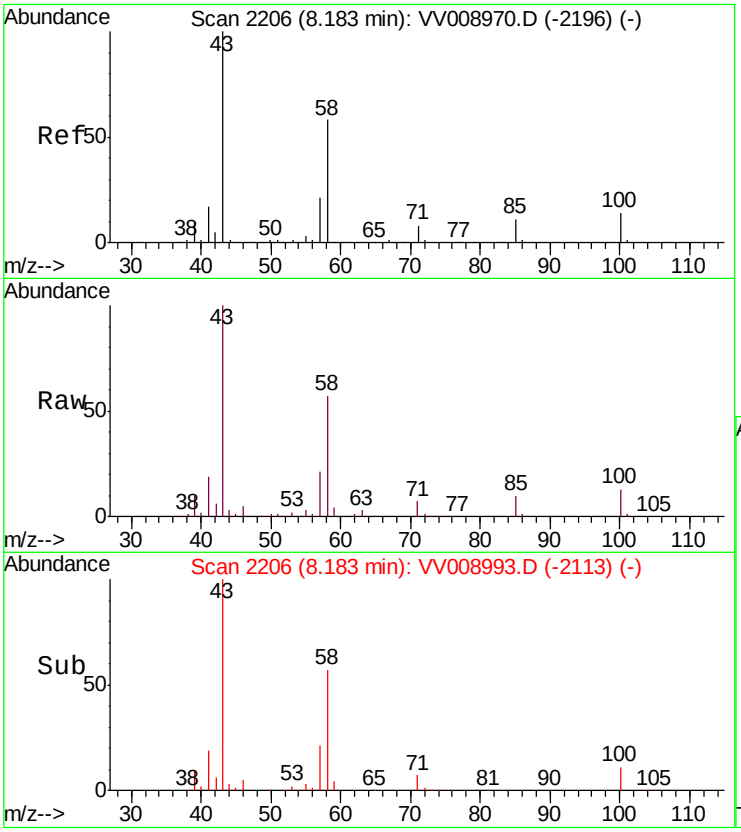


#46
Tetrachloroethene
Concen: 49.855 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:164 Resp: 62061

Ion	Ratio	Lower	Upper
164	100		
129	97.7	69.2	128.4
131	94.2	67.8	125.8
166	128.5	90.3	167.7



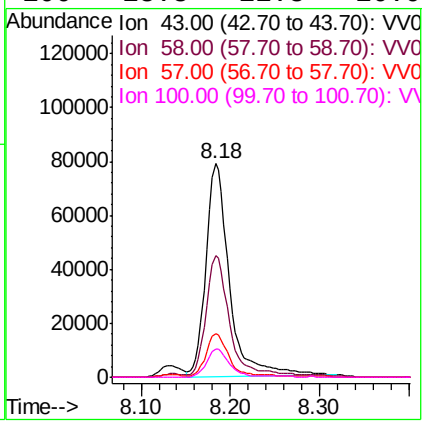


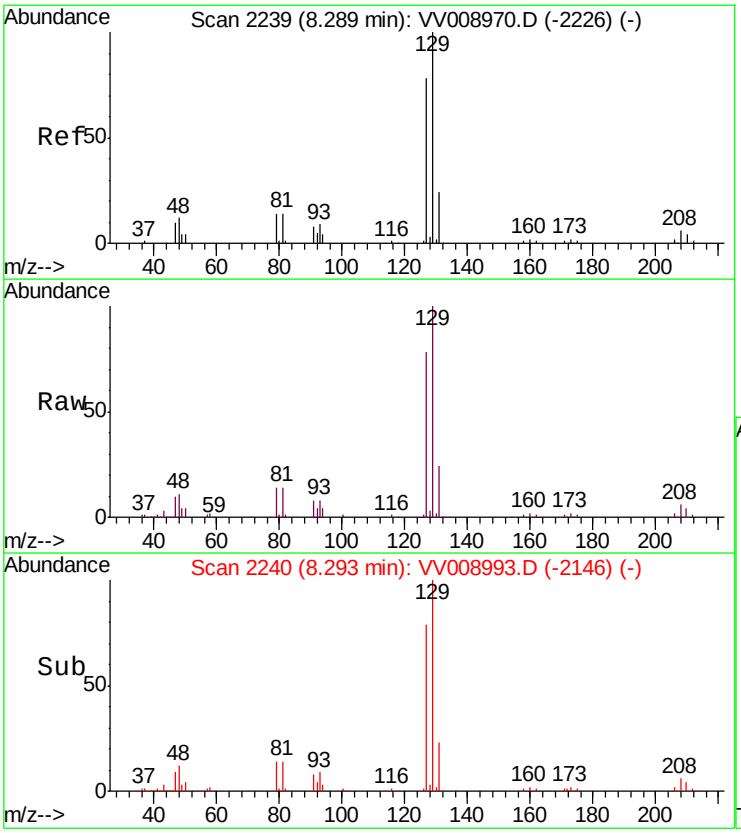
#48
2-Hexanone
Concen: 107.545 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion: 43 Resp: 144862

Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.7	64.1
57	19.8	15.7	23.5
100	13.3	11.3	16.9

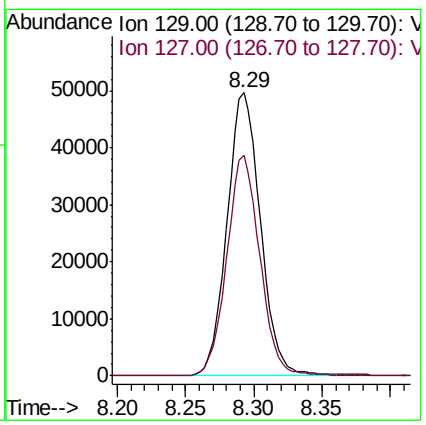


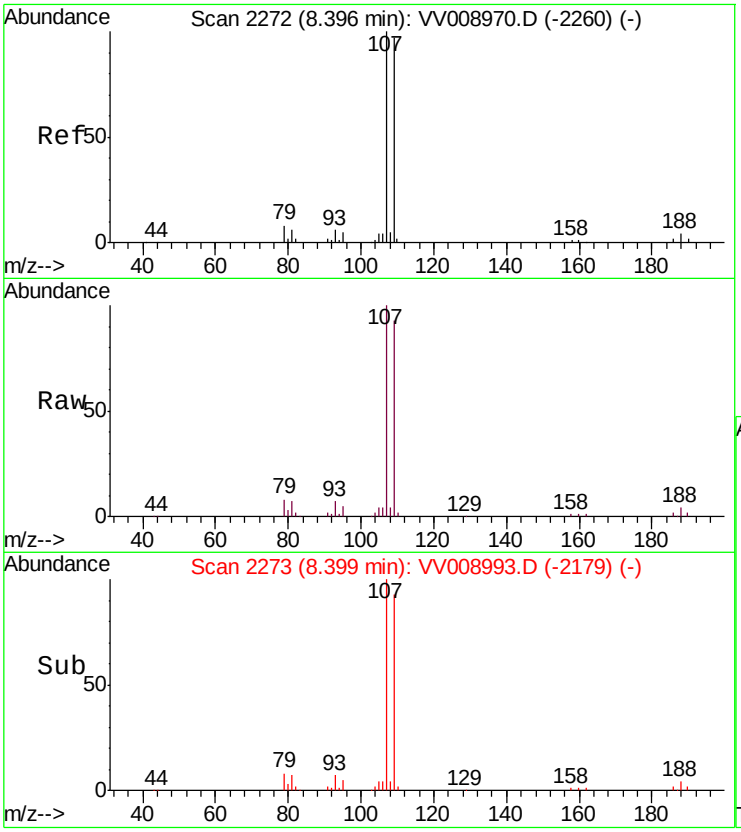


#49
Dibromochloromethane
Concen: 51.306 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:129 Resp: 84529

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.5	101.3



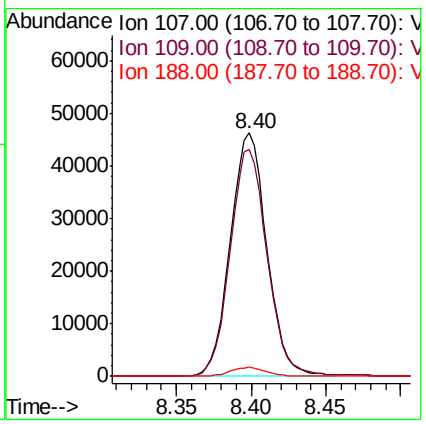


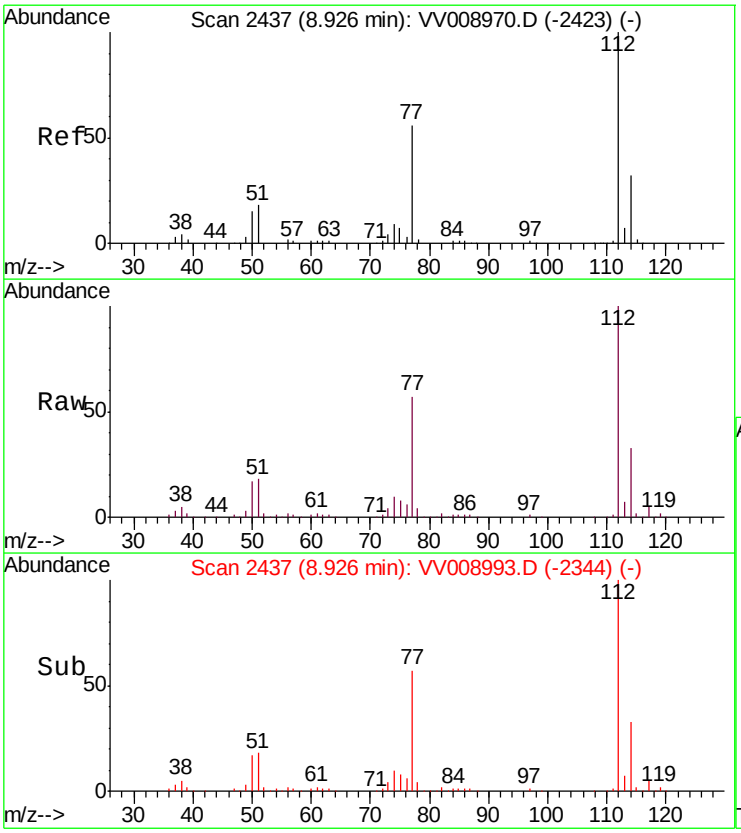
#50
1,2-Dibromoethane
Concen: 51.945 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion:107 Resp: 78711

Ion	Ratio	Lower	Upper
107	100		
109	93.5	66.1	122.7
188	3.7	2.8	4.2

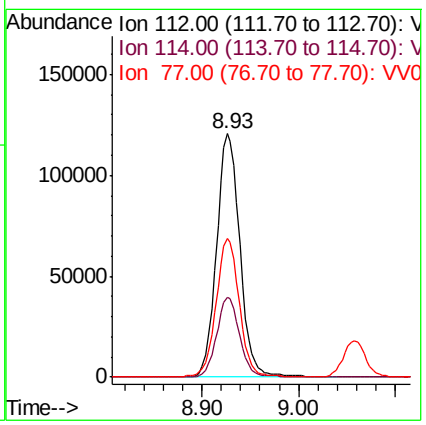


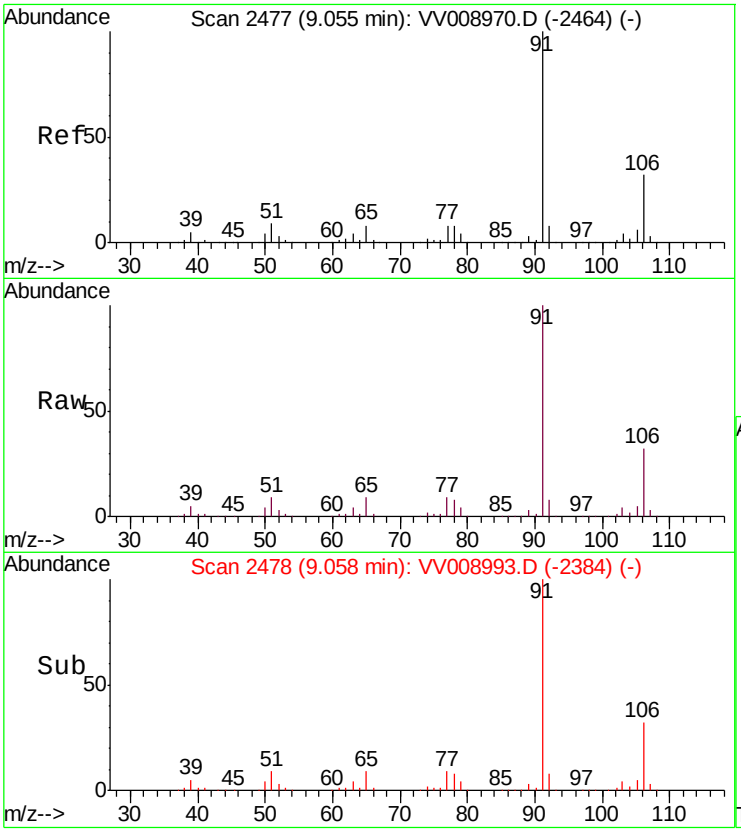


#51
Chlorobenzene
Concen: 50.990 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:112 Resp: 201584

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.3	41.5
77	57.1	45.2	67.8



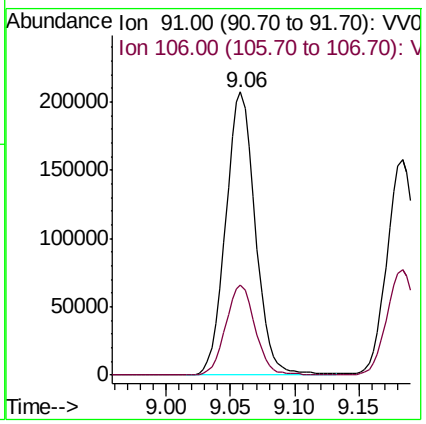


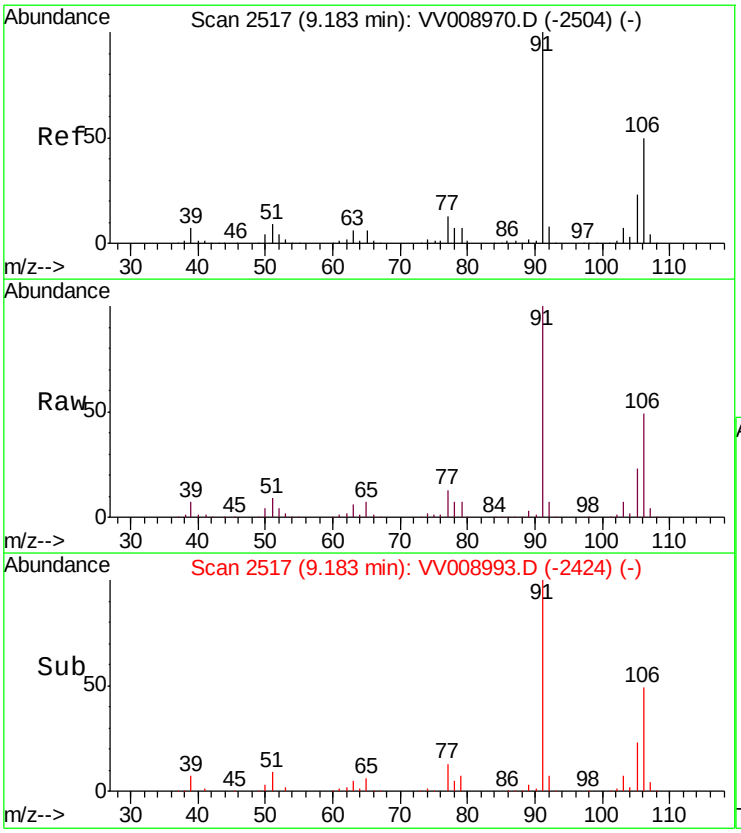
#52
Ethylbenzene
Concen: 51.827 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 91 Resp: 330898

Ion	Ratio	Lower	Upper
91	100		
106	31.6	22.0	40.8

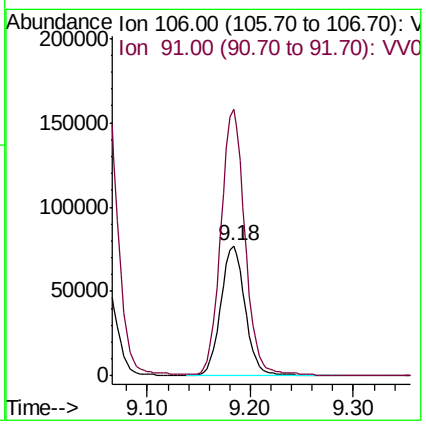


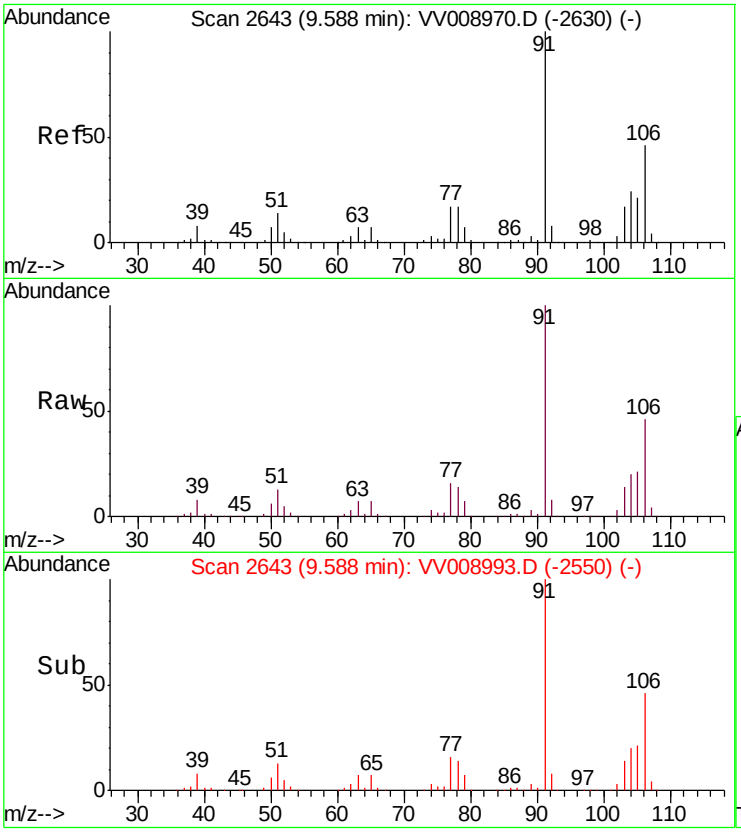


#53
m,p-Xylene
Concen: 52.557 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:106 Resp: 127960

Ion	Ratio	Lower	Upper
106	100		
91	205.4	142.9	265.3



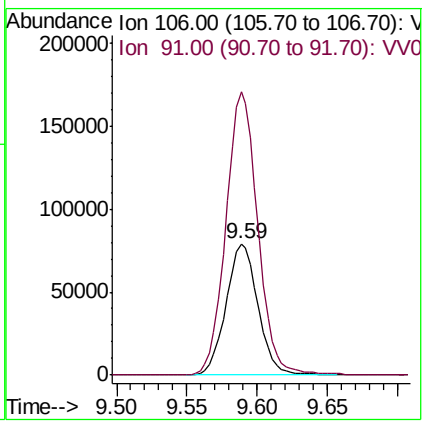


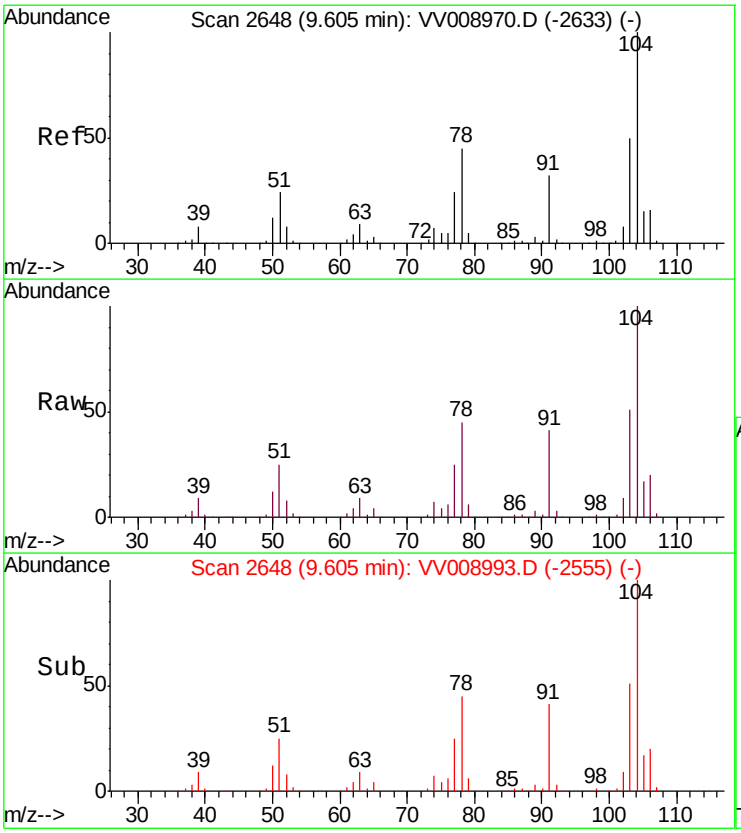
#54
o-xylene
Concen: 52.105 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion:106 Resp: 125476

Ion	Ratio	Lower	Upper
106	100		
91	215.4	153.4	284.8

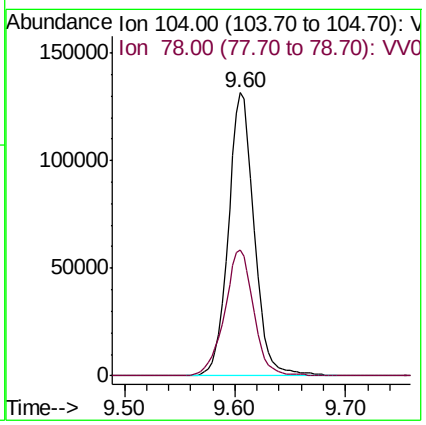


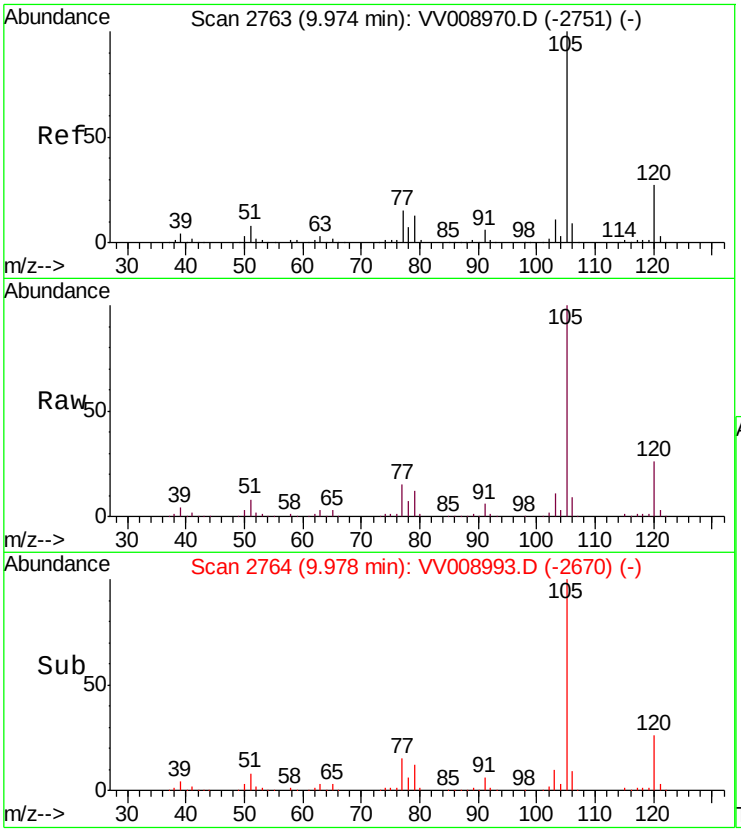


#55
Styrene
Concen: 53.604 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:104 Resp: 213424

Ion	Ratio	Lower	Upper
104	100		
78	44.7	31.6	58.6



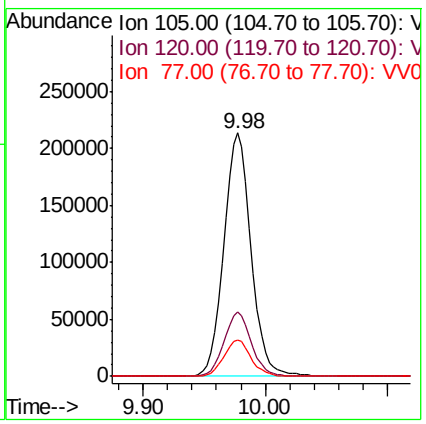


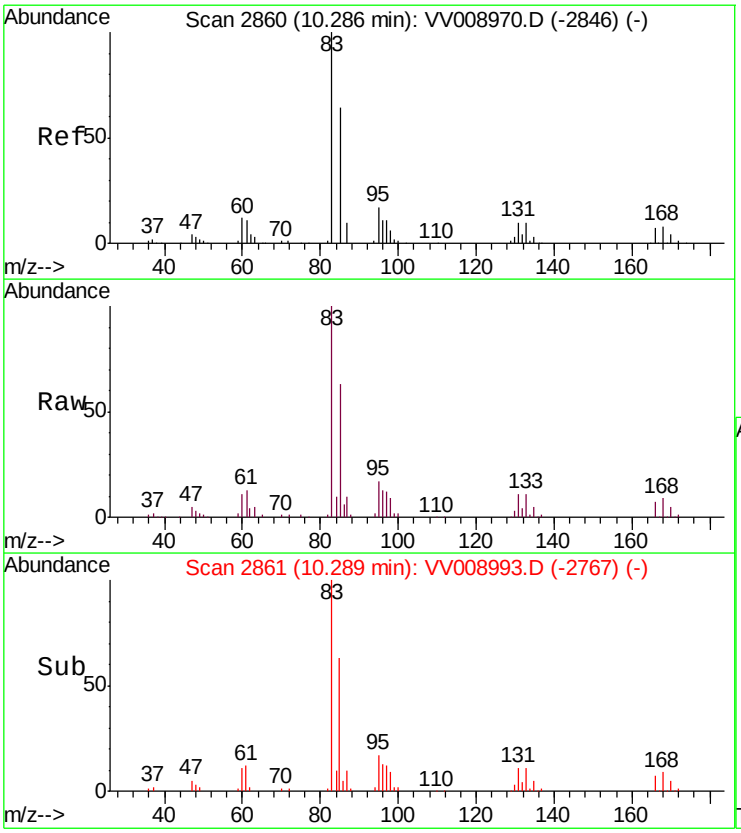
#56
Isopropylbenzene
Concen: 52.475 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion:105 Resp: 333560

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.4	32.2
77	15.0	12.2	18.2

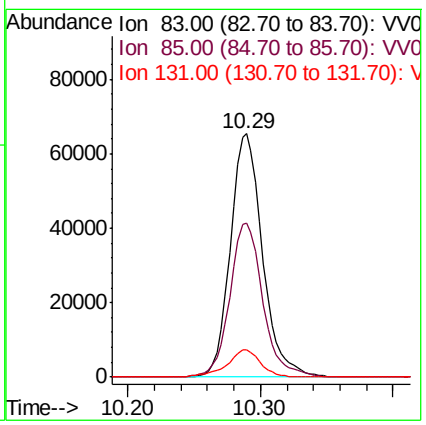


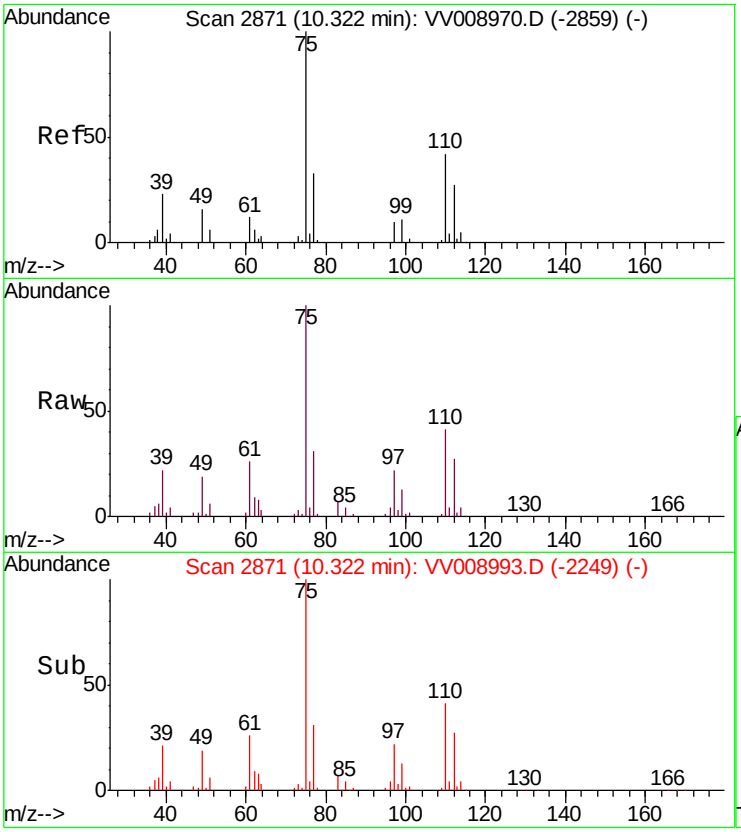


#58
1,1,2,2-Tetrachloroethane
Concen: 52.842 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 83 Resp: 110048

Ion	Ratio	Lower	Upper
83	100		
85	63.5	45.3	84.1
131	11.2	9.2	13.8



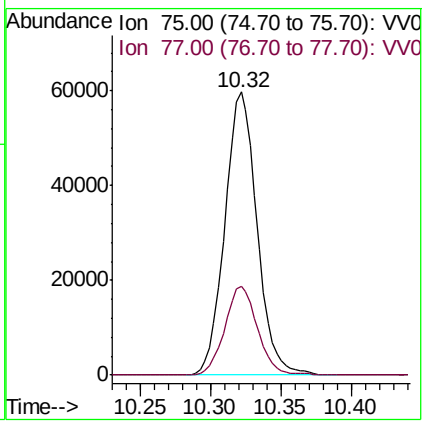


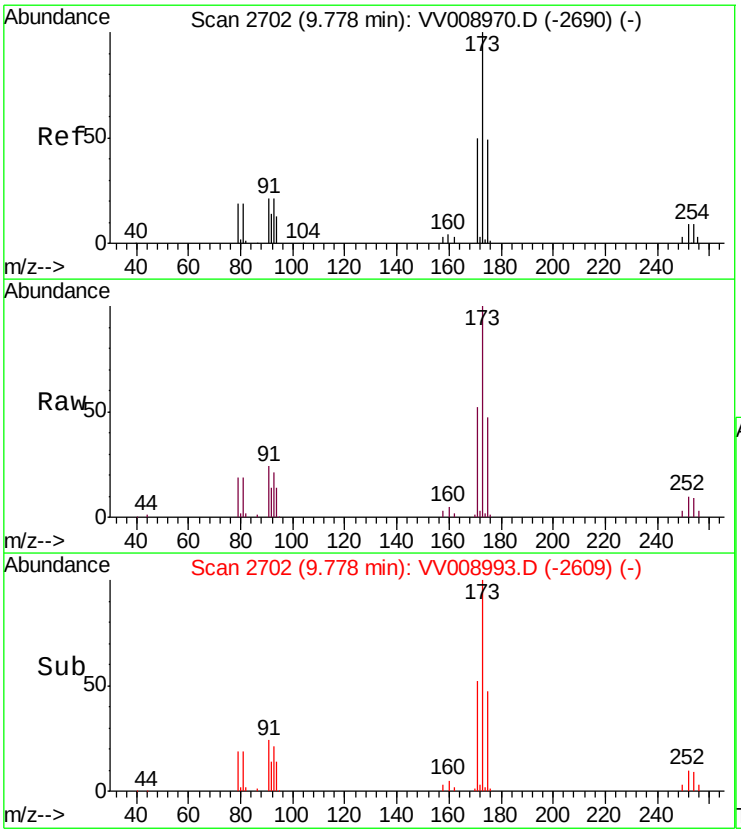
#59
1,2,3-Trichloropropane
Concen: 54.072 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 75 Resp: 95334

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8

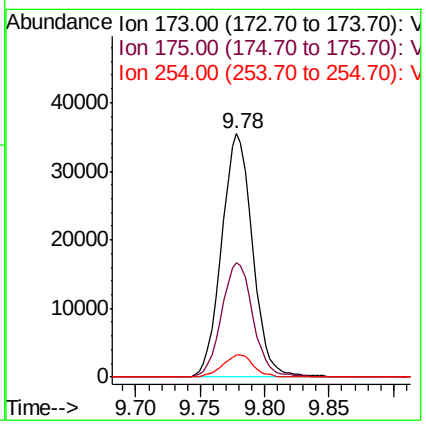


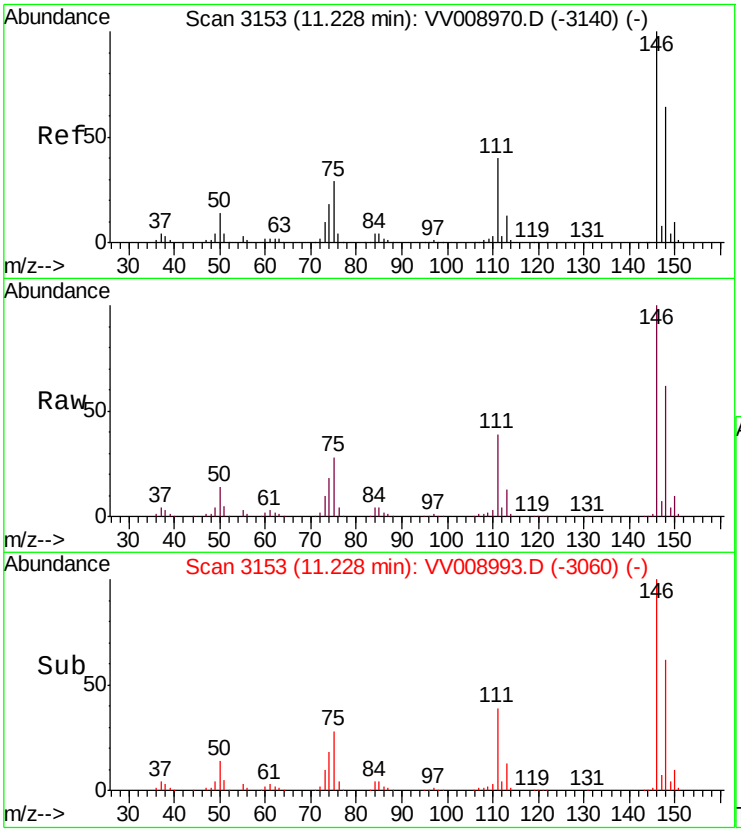


#61
Bromoform
Concen: 47.393 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:173 Resp: 59072

Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.6	57.8
254	9.1	7.4	11.0



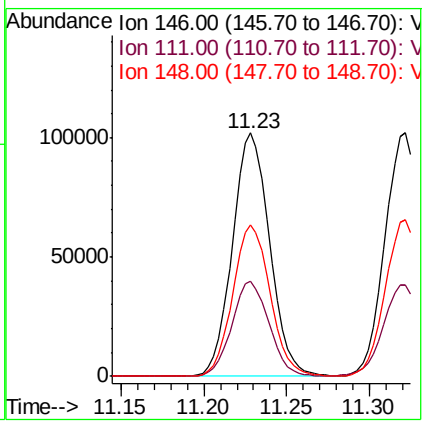


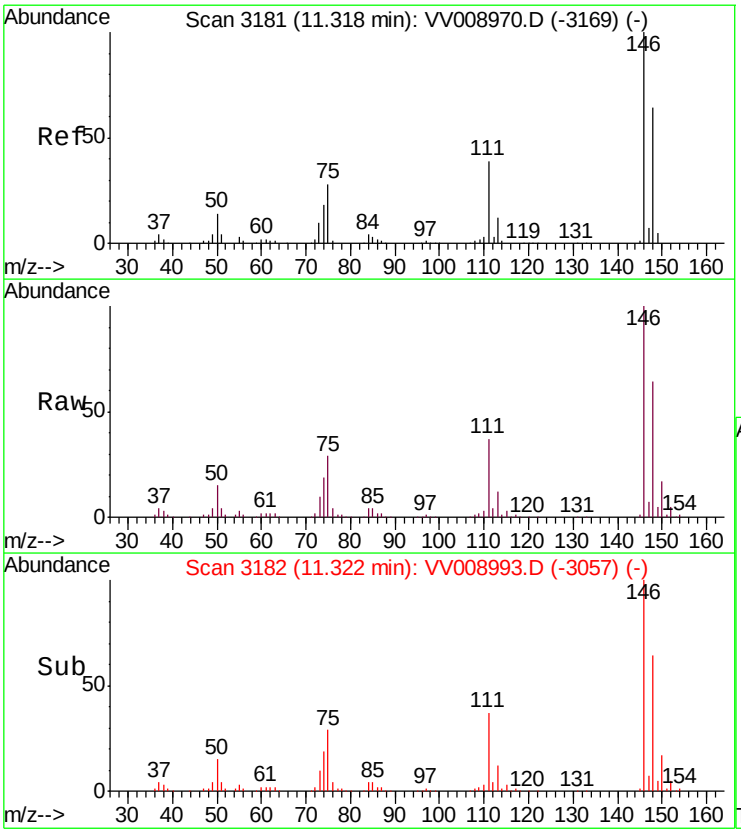
#62
1,3-Dichlorobenzene
Concen: 51.270 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion:146 Resp: 159449

Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.3	52.7
148	62.1	44.9	83.5

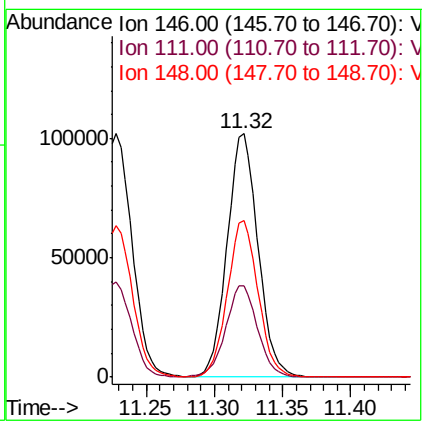


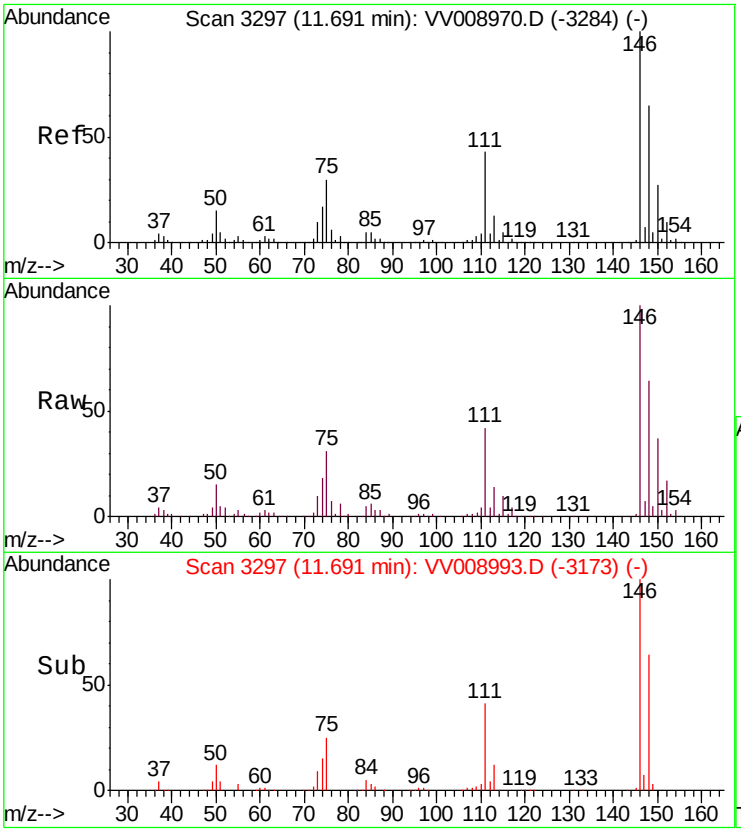


#63
1,4-Dichlorobenzene
Concen: 51.256 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:146 Resp: 160513

Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.9	51.9
148	64.4	45.2	84.0



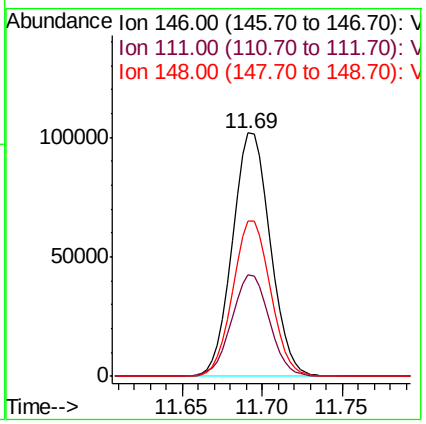


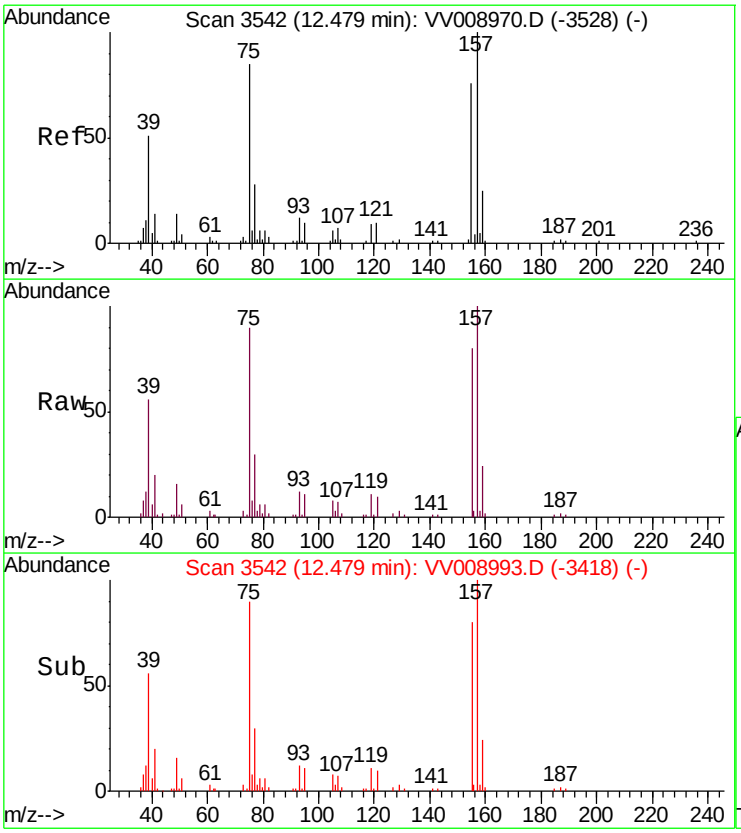
#65
1,2-Dichlorobenzene
Concen: 51.939 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument : MSVOA_V
ClientSampleId : VSTD05062

Tgt Ion:146 Resp: 164014

Ion	Ratio	Lower	Upper
146	100		
111	41.8	32.8	49.2
148	63.8	50.5	75.7

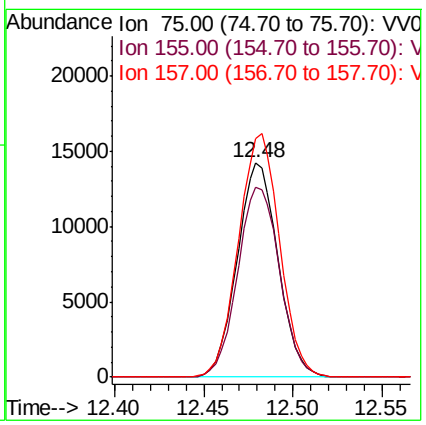


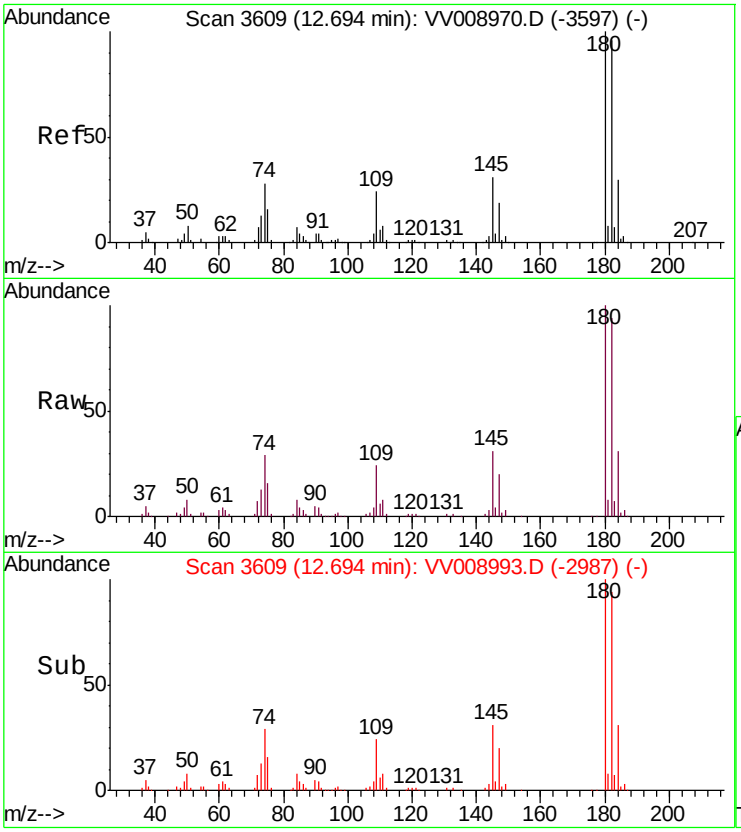


#66
1,2-Dibromo-3-chloropropane
Concen: 52.393 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. -0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion: 75 Resp: 22617

Ion	Ratio	Lower	Upper
75	100		
155	88.4	68.6	102.8
157	110.9	89.4	134.0



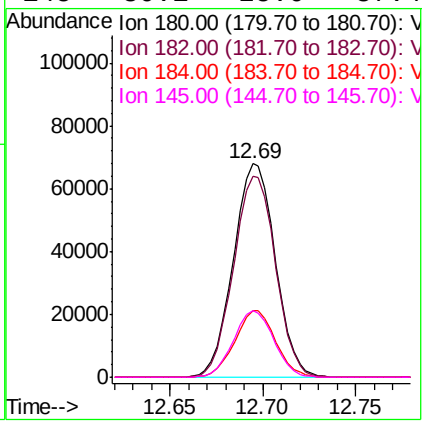


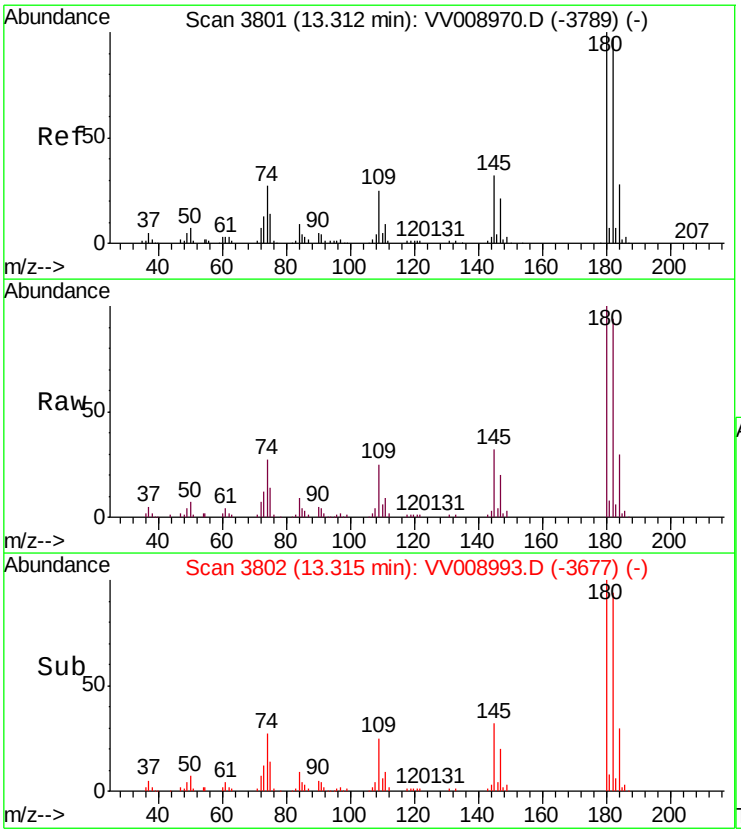
#67
1,3,5-Trichlorobenzene
Concen: 53.354 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion:180 Resp: 106939

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.0
184	30.2	24.2	36.2
145	30.1	25.0	37.4

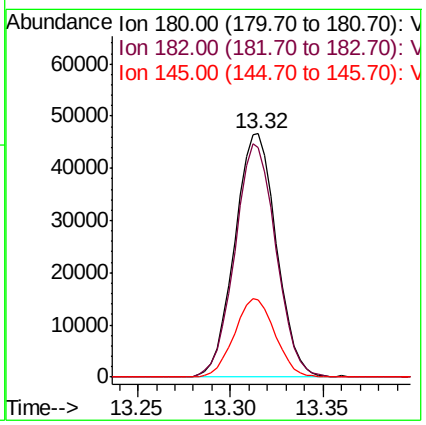


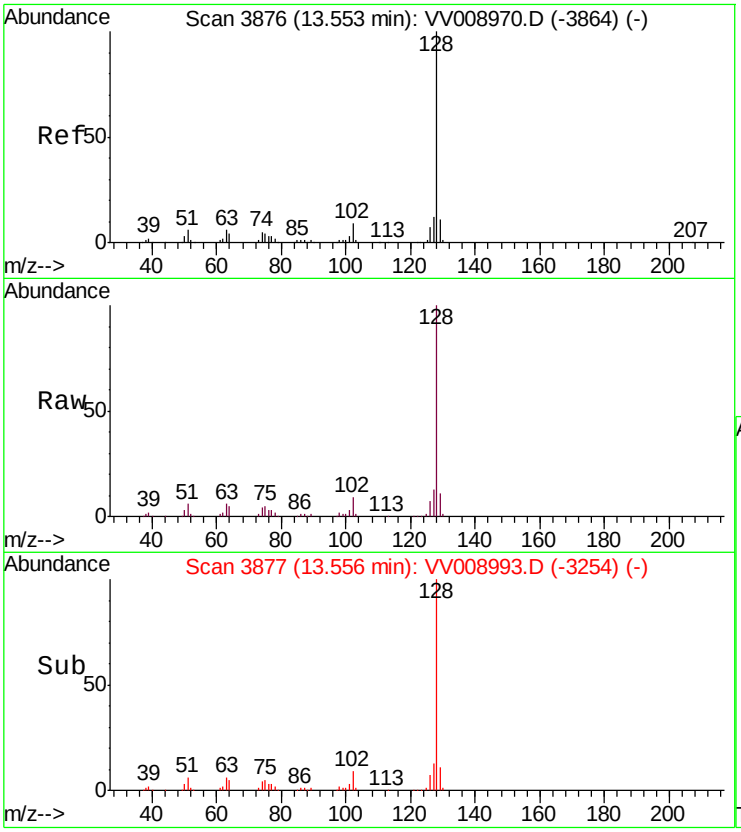


#68
1,2,4-trichlorobenzene
Concen: 53.005 ug/L
RT: 13.32 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:180 Resp: 72872

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.7	113.5
145	31.4	25.0	37.4



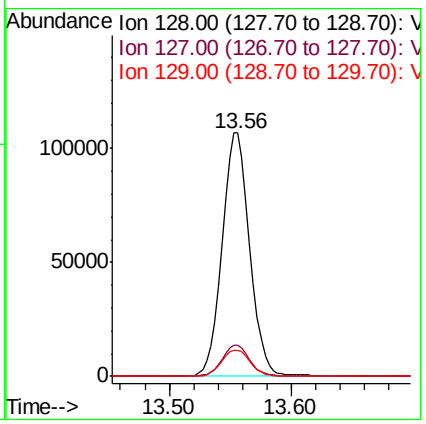


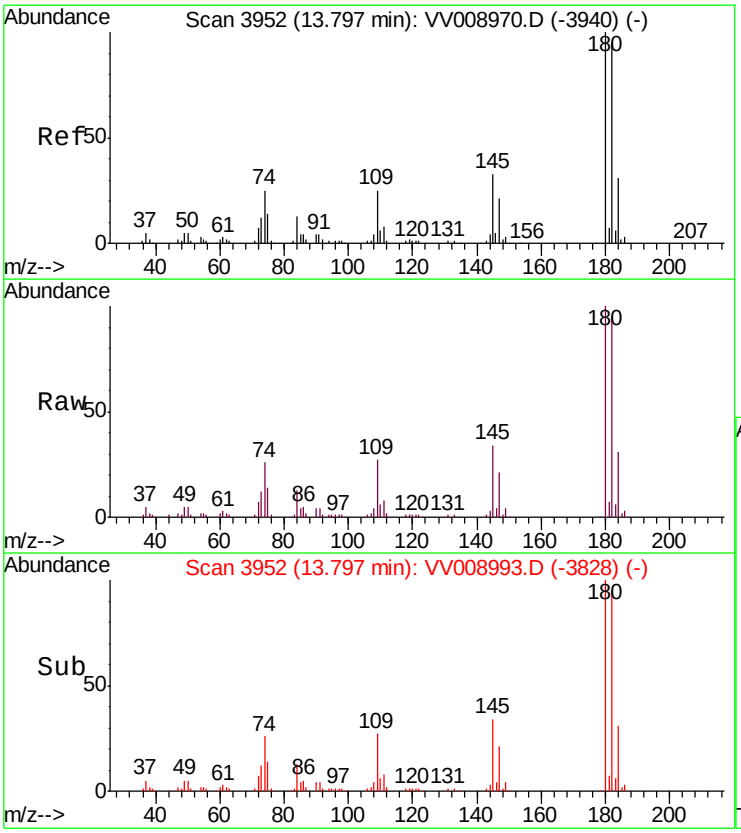
#69
Naphthalene
Concen: 49.193 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion:128 Resp: 169104

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.3	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 53.020 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV008993.D
Acq: 17 Dec 2018 20:53

Tgt Ion:180 Resp: 73406

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	115.0
145	33.9	26.1	39.1