Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007789.D
Acq On : 23 Sep 2018 15:33
Operator : SY/MD
Sample : J5014-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E8JB4

Quant Time: Sep 24 07:22:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192639	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110949	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37981	36.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.56%			
7) Chloroethane-d5	1.59	69	38765	40.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.48%			
11) 1,1-Dichloroethene-d2	2.14	63	75220	30.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.94%			
21) 2-Butanone-d5	3.95	46	62497	90.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.38%			
24) Chloroform-d	4.41	84	92877	41.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.86%			
26) 1,2-Dichloroethane-d4	5.09	65	64126	44.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.70%			
32) Benzene-d6	5.11	84	185196	42.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.50%			
36) 1,2-Dichloropropane-d6	6.13	67	54873	42.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.78%			
41) Toluene-d8	7.36	98	191708	42.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.70%			
43) trans-1,3-Dichloropropene-	7.67	79	24877	38.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.14%			
47) 2-Hexanone-d5	8.14	63	52178	92.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.62%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90501	45.32	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.64%			
64) 1,2-Dichlorobenzene-d4	11.68	152	101309	44.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.78%			
Target Compounds						Qvalue
3) Chloromethane	1.27	50	2099	1.953	ug/L #	42
8) Chloroethane	1.28	64	64810	77.845	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	843	0.579	ug/L #	14
20) cis-1,2-Dichloroethene	3.97	96	3065	2.371	ug/L	95
34) Trichloroethene	5.96	95	1048	0.785	ug/L	83
37) 1,2-Dichloropropane	6.13	63	6649	5.849	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1889	1.034	ug/L #	79
44) trans-1,3-Dichloropropene	7.67	75	1214	0.700	ug/L	85
45) 1,1,2-Trichloroethane	7.83	97	1789	1.401	ug/L #	15
48) 2-Hexanone	8.14	43	7435	6.421	ug/L #	63
52) Ethylbenzene	9.06	91	8274	1.368	ug/L	96
56) Isopropylbenzene	9.98	105	24511	3.849	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	8507	4.186	ug/L #	26
66) 1,2-Dibromo-3-chloropropan	12.51	75	1256	2.920	ug/L #	1
69) Naphthalene	13.56	128	4534	0.667	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007789.D
Acq On : 23 Sep 2018 15:33
Operator : SY/MD
Sample : J5014-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Quant Time: Sep 24 07:22:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration

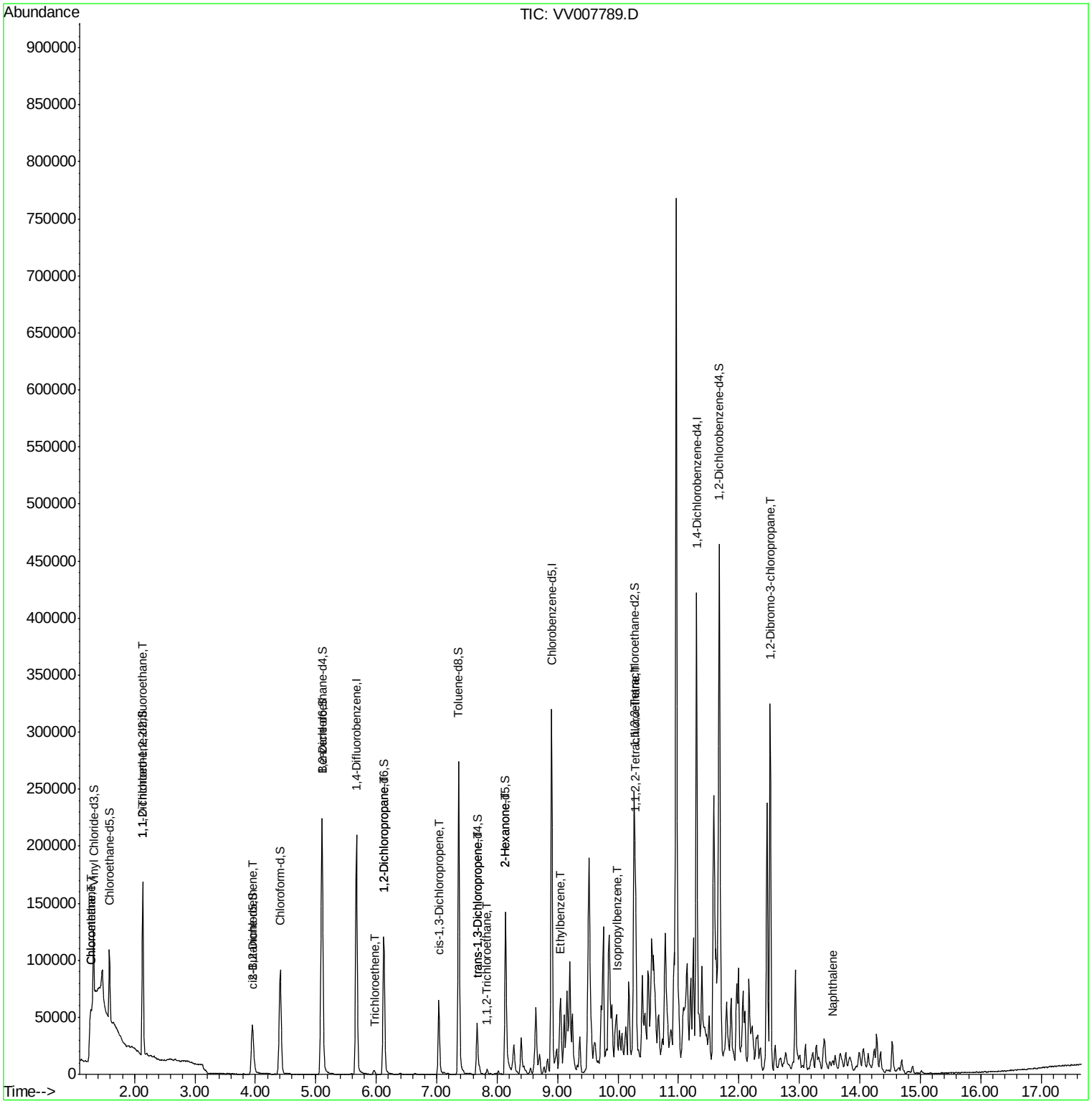
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

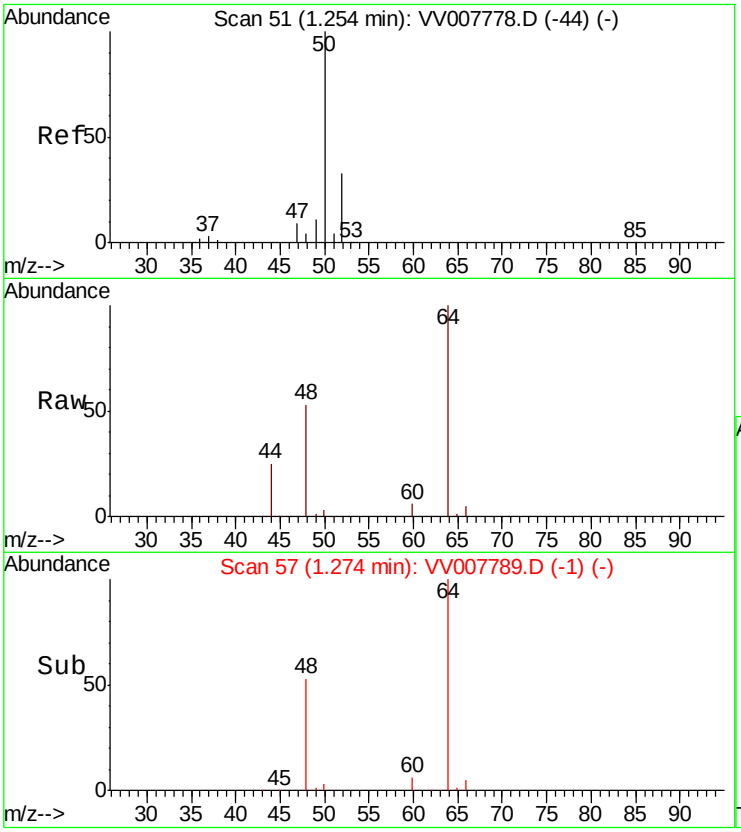
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007789.D
Acq On : 23 Sep 2018 15:33
Operator : SY/MD
Sample : J5014-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Quant Time: Sep 24 07:22:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration



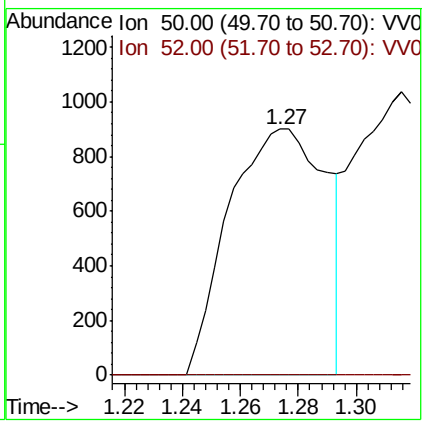


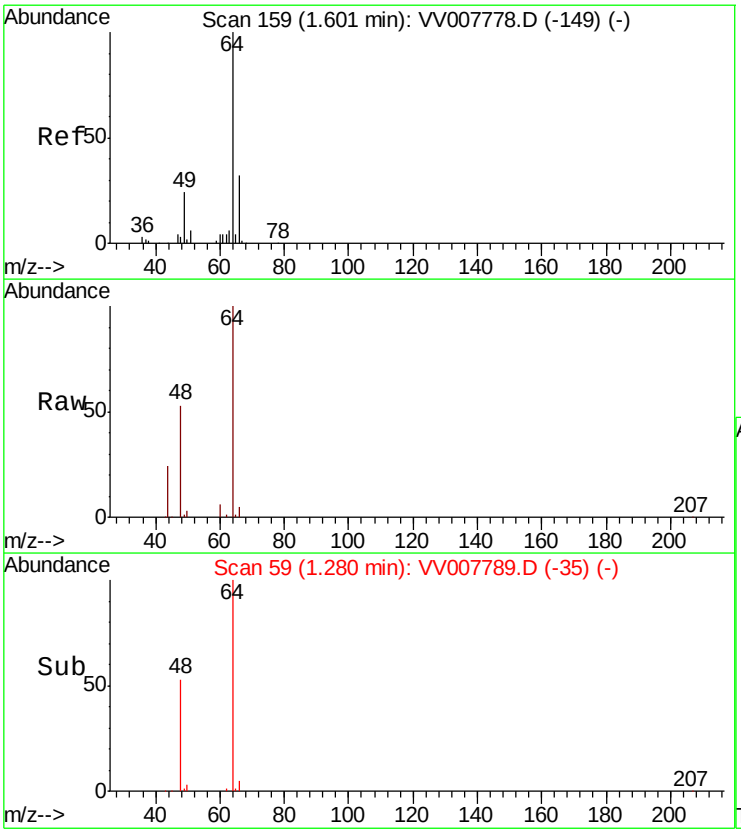
#3
Chloromethane
Concen: 1.953 ug/L
RT: 1.27 min Scan# 57
Delta R.T. 0.02 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Tgt Ion: 50 Resp: 2099

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.8#

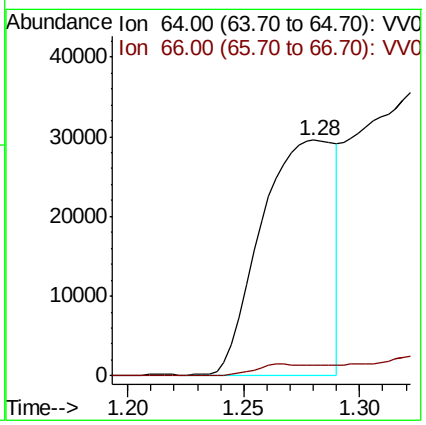


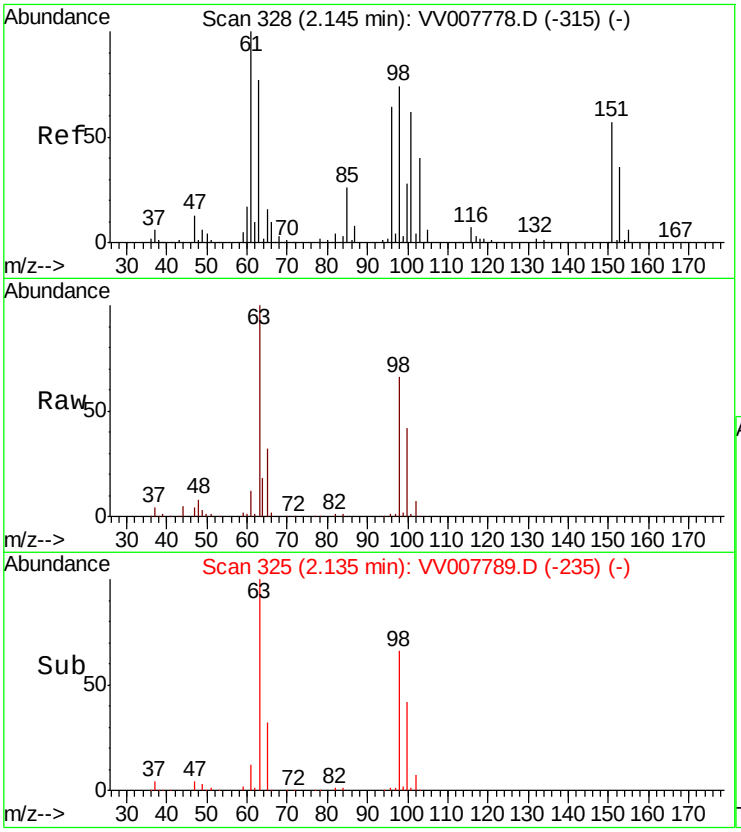


#8
Chloroethane
Concen: 77.845 ug/L
RT: 1.28 min Scan# 59
Delta R.T. -0.32 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion: 64 Resp: 64810

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.3	41.5#



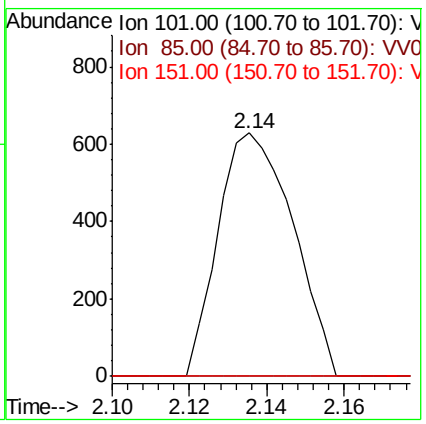


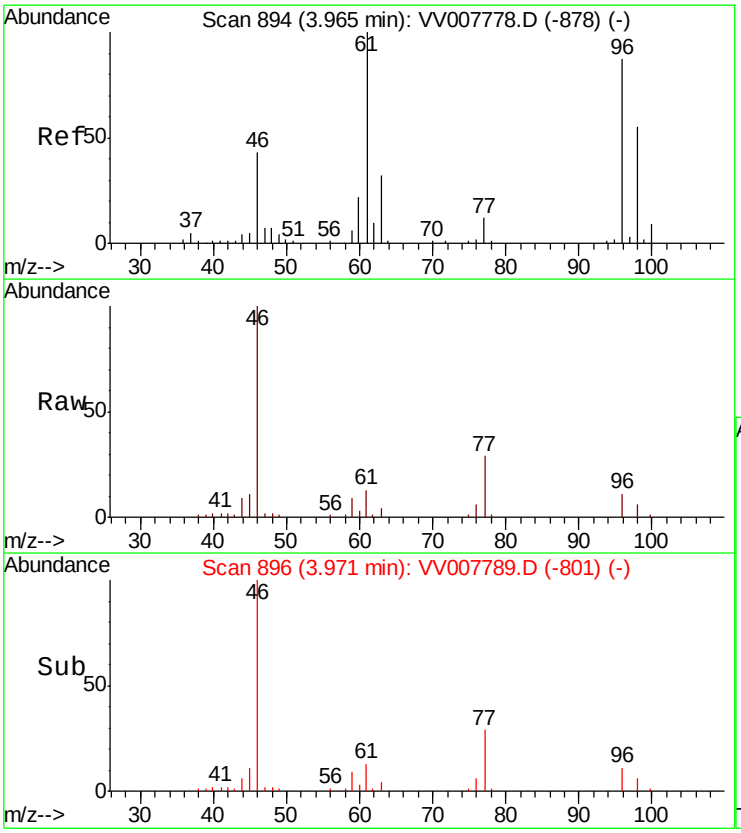
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.579 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Tgt Ion:101 Resp: 843

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.7	49.1#
151	0.0	72.2	108.2#

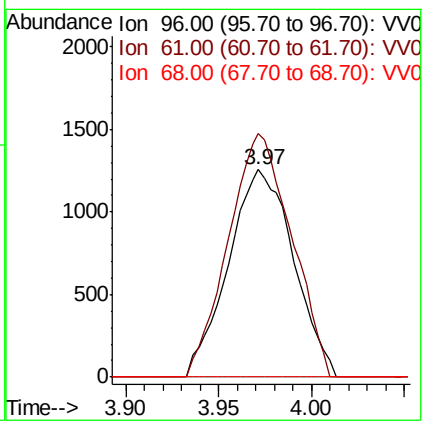


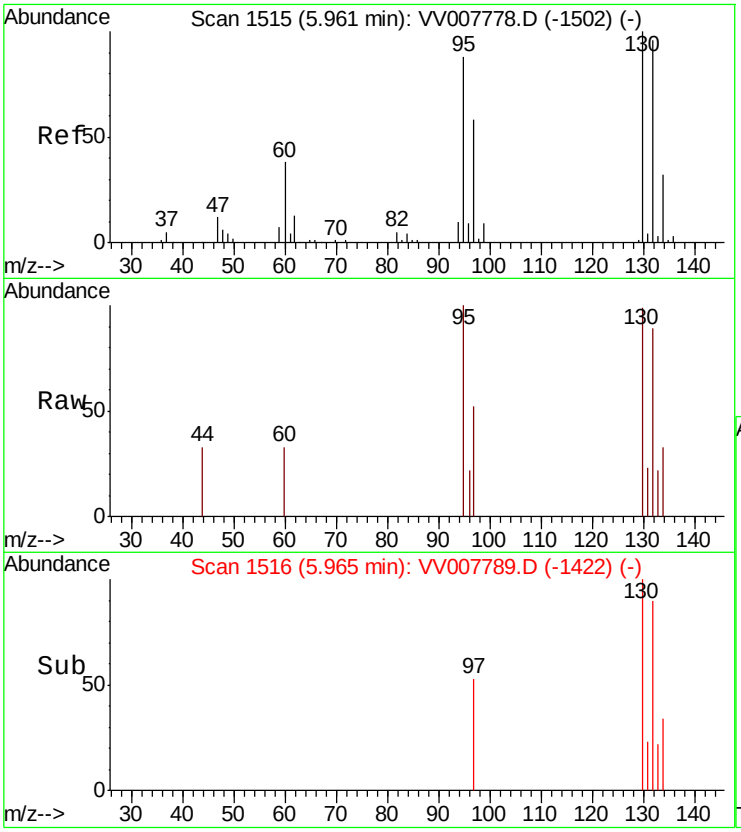


#20
cis-1,2-Dichloroethene
Concen: 2.371 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion: 96 Resp: 3065

Ion	Ratio	Lower	Upper
96	100		
61	117.3	78.8	146.3
68	0.0	0.0	0.0



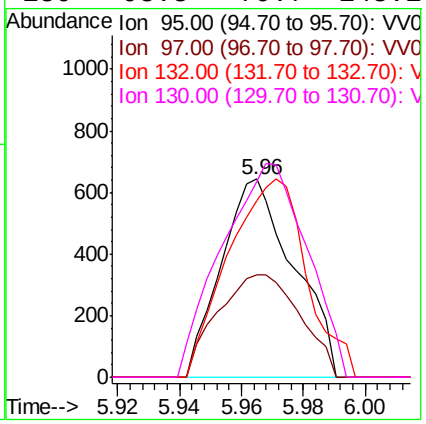


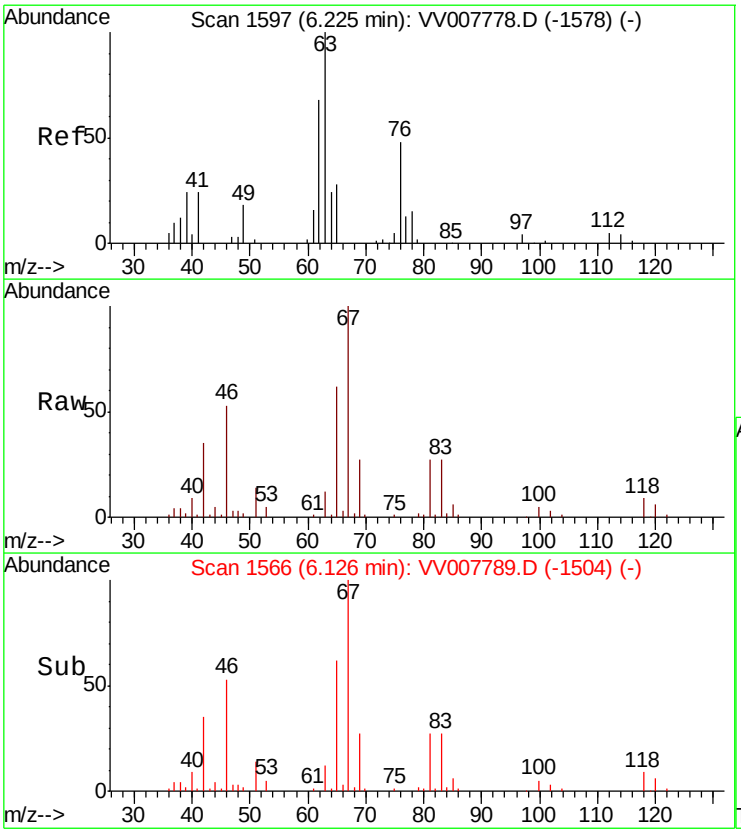
#34
Trichloroethene
Concen: 0.785 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Tgt Ion: 95 Resp: 1048

Ion	Ratio	Lower	Upper
95	100		
97	51.9	45.2	84.0
132	89.3	77.7	144.3
130	98.8	79.7	148.1

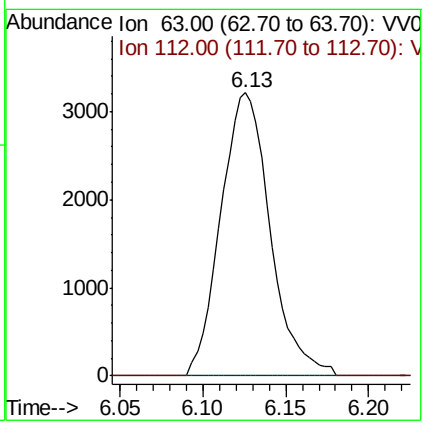


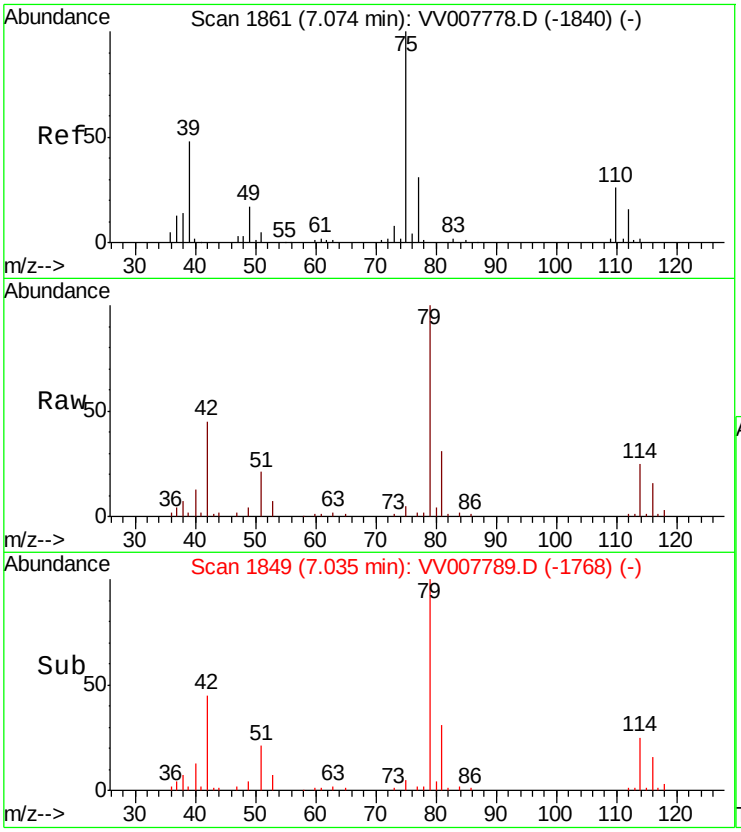


#37
1,2-Dichloropropane
Concen: 5.849 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion: 63 Resp: 6649

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



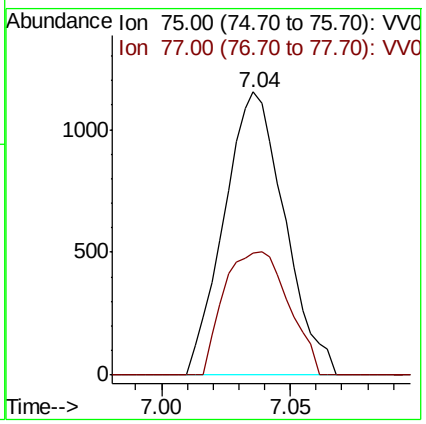


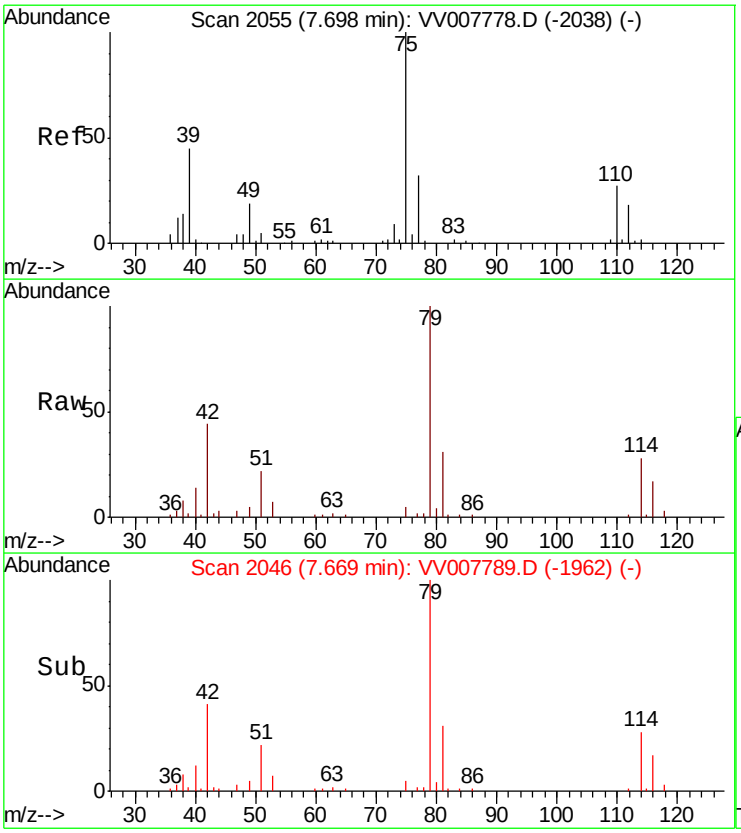
#39
cis-1,3-Dichloropropene
Concen: 1.034 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument : MSVOA_V
ClientSampleId : E8JB4

Tgt Ion: 75 Resp: 1889

Ion	Ratio	Lower	Upper
75	100		
77	43.0	22.0	40.8#

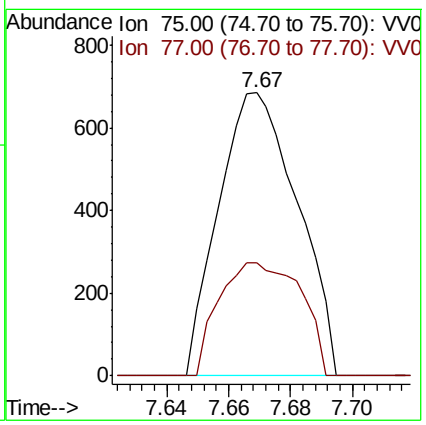


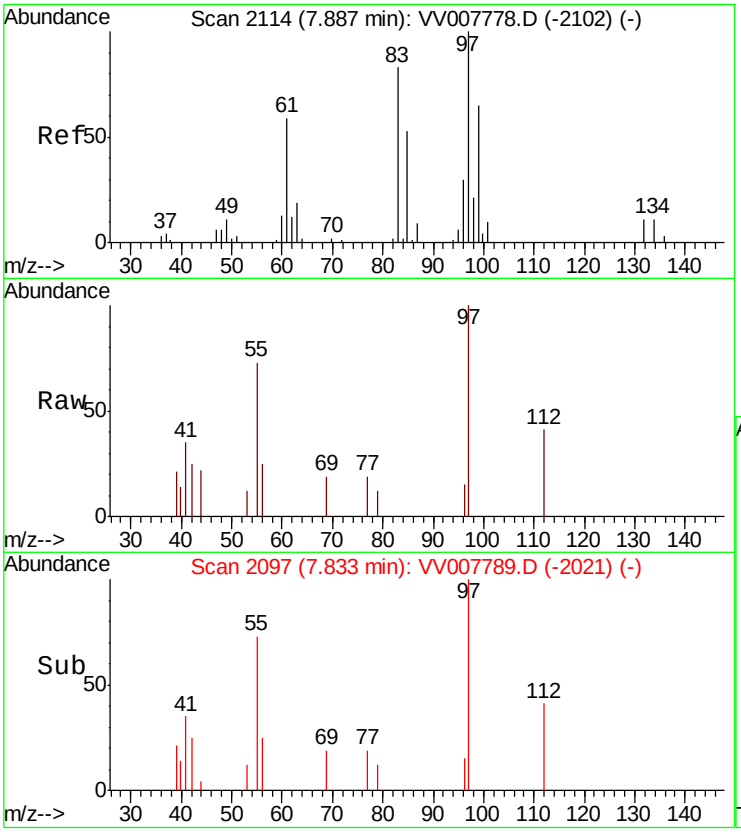


#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion: 75 Resp: 1214

Ion	Ratio	Lower	Upper
75	100		
77	39.7	22.0	40.8



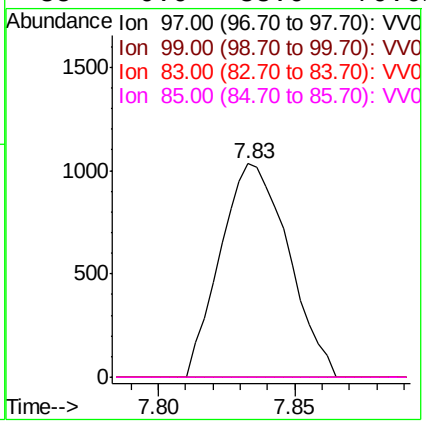


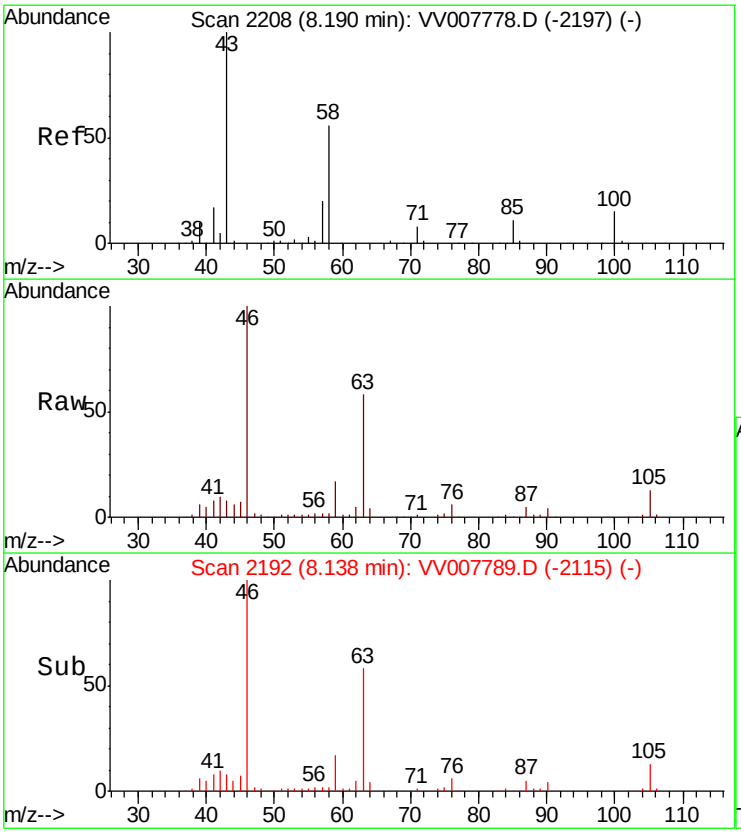
#45
1,1,2-Trichloroethane
Concen: 1.401 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.05 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Tgt Ion: 97 Resp: 1789

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	0.0	58.2	108.0#
85	0.0	38.0	70.6#

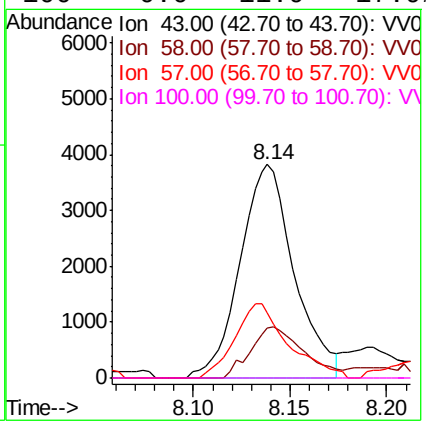


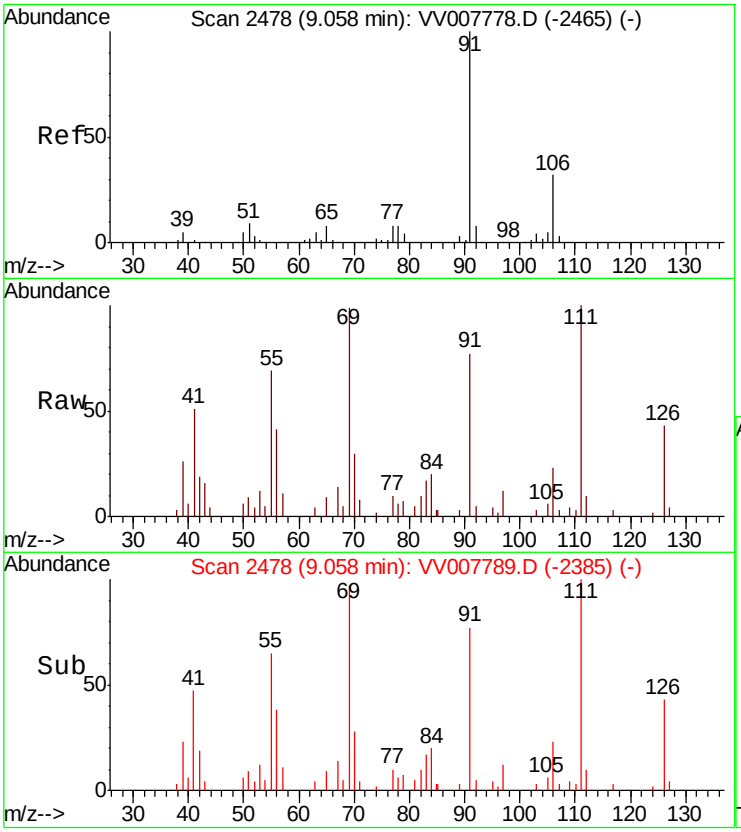


#48
2-Hexanone
Concen: 6.421 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion: 43 Resp: 7435

Ion	Ratio	Lower	Upper
43	100		
58	23.4	41.4	62.0#
57	34.3	16.0	24.0#
100	0.0	11.9	17.9#



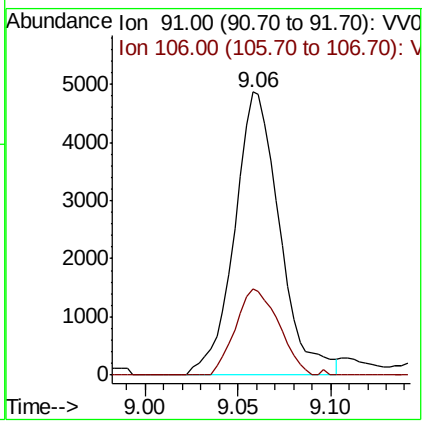


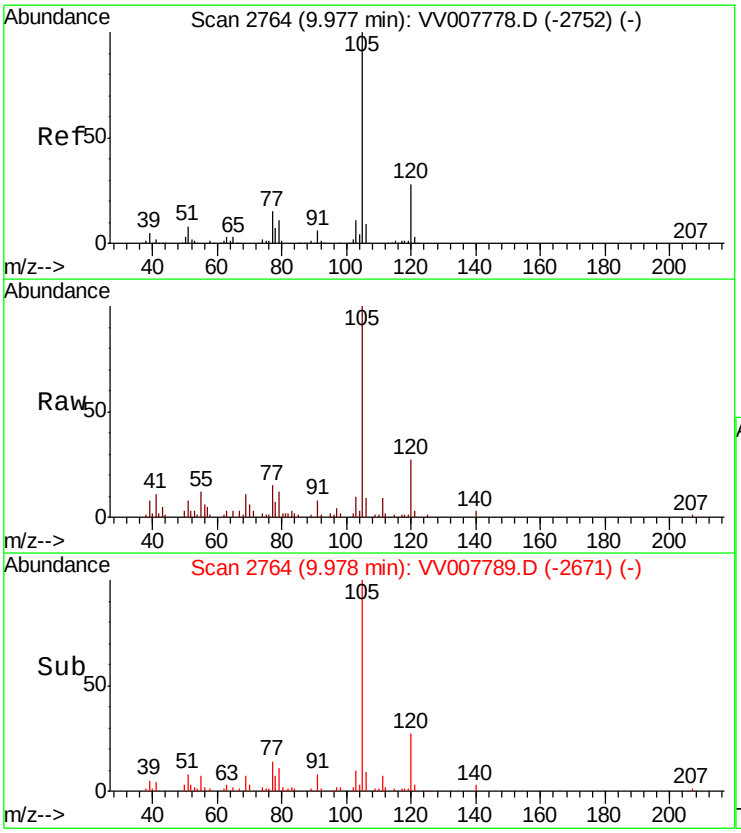
#52
Ethylbenzene
Concen: 1.368 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Tgt Ion: 91 Resp: 8274

Ion	Ratio	Lower	Upper
91	100		
106	30.4	22.7	42.1

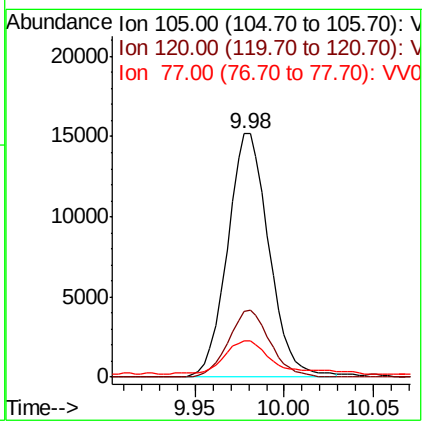


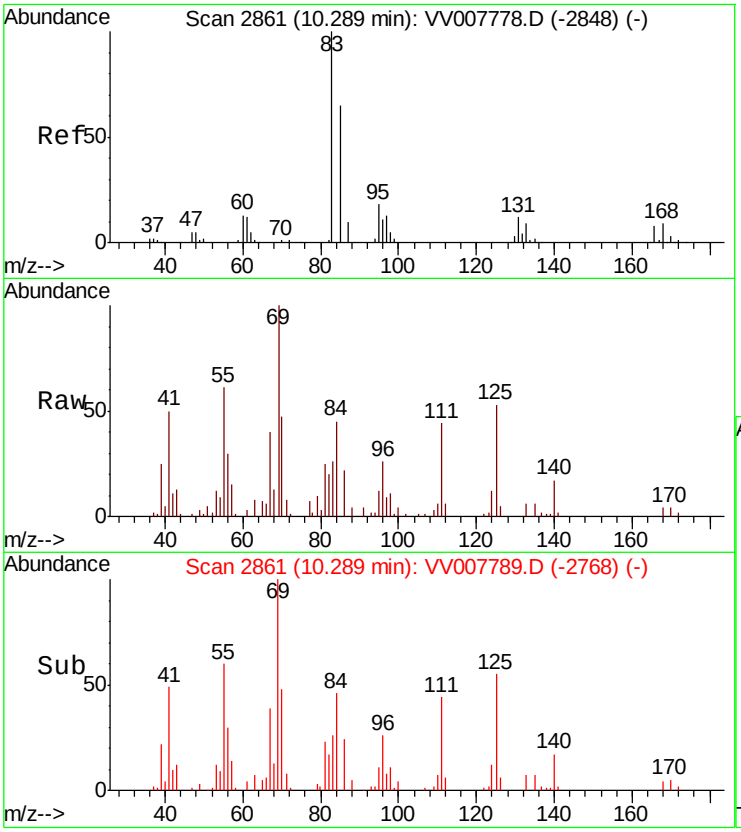


#56
Isopropylbenzene
Concen: 3.849 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion:105 Resp: 24511

Ion	Ratio	Lower	Upper
105	100		
120	27.4	22.0	33.0
77	13.5	12.1	18.1



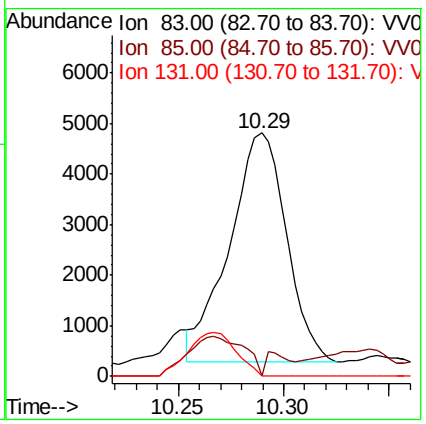


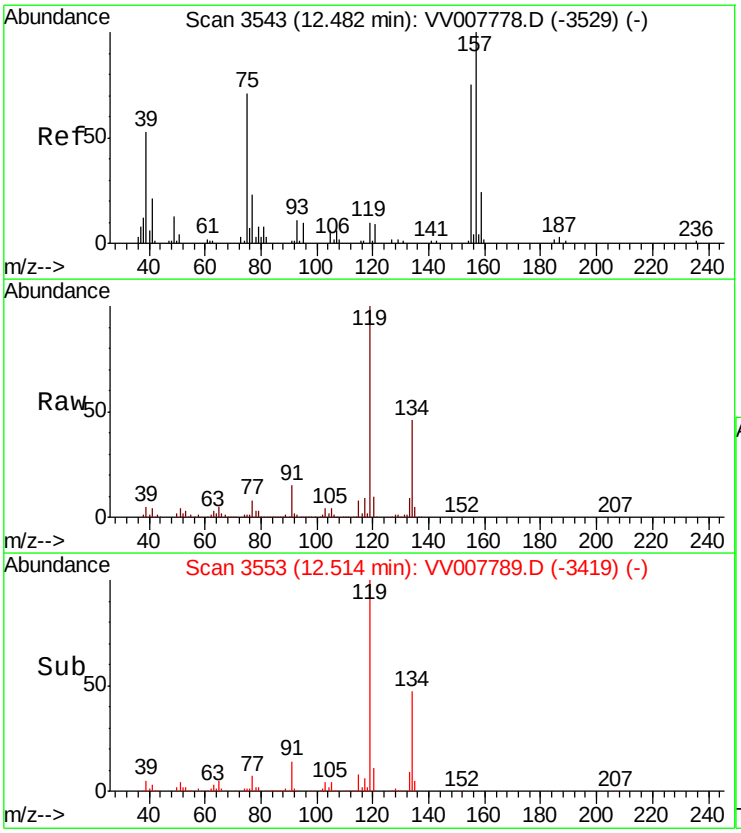
#58
1,1,2,2-Tetrachloroethane
Concen: 4.186 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument : MSVOA_V
ClientSampleId : E8JB4

Tgt Ion: 83 Resp: 8507

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.4	84.4#
131	0.0	9.8	14.8#

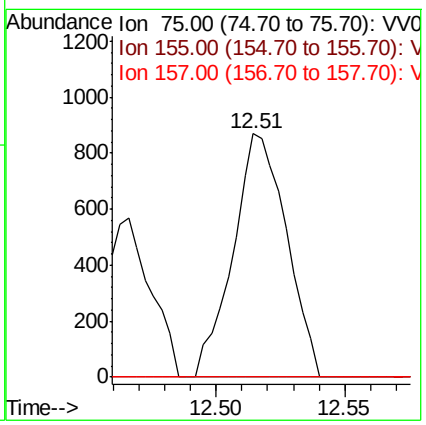


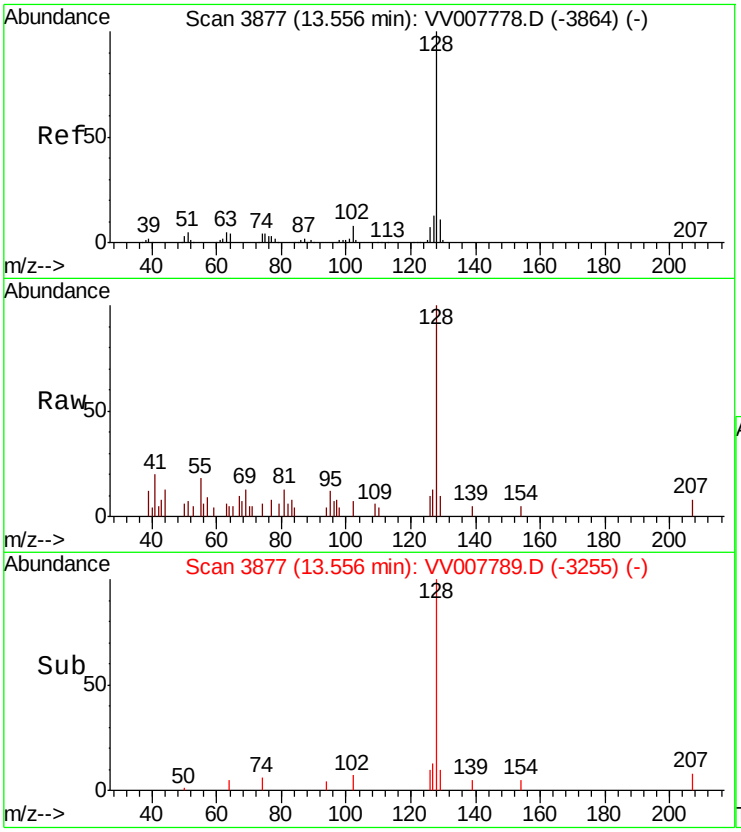


#66
1,2-Dibromo-3-chloropropane
Concen: 2.920 ug/L
RT: 12.51 min Scan# 3553
Delta R.T. 0.03 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Tgt Ion: 75 Resp: 1256

Ion	Ratio	Lower	Upper
75	100		
155	0.0	86.0	129.0#
157	0.0	111.5	167.3#





#69
Naphthalene
Concen: 0.667 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV007789.D
Acq: 23 Sep 2018 15:33

Instrument :
MSVOA_V
ClientSampleId :
E8JB4

Tgt Ion:128 Resp: 4534

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	15.8
129	10.0	8.6	13.0