Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007788.D
Acq On : 23 Sep 2018 15:08
Operator : SY/MD
Sample : J5014-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E8JB3

Quant Time: Sep 24 07:22:03 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	181351	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103245	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36235	36.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.52%			
7) Chloroethane-d5	1.59	69	37504	41.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.74%			
11) 1,1-Dichloroethene-d2	2.14	63	74603	32.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.20%			
21) 2-Butanone-d5	3.95	46	59718	91.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.74%			
24) Chloroform-d	4.41	84	89024	42.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.38%			
26) 1,2-Dichloroethane-d4	5.09	65	62173	46.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.38%			
32) Benzene-d6	5.11	84	183531	44.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.10%			
36) 1,2-Dichloropropane-d6	6.13	67	53162	43.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.40%			
41) Toluene-d8	7.36	98	186138	43.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.48%			
43) trans-1,3-Dichloropropene-	7.67	79	23529	38.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.72%			
47) 2-Hexanone-d5	8.14	63	45908	85.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.70%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85576	45.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.14%			
64) 1,2-Dichlorobenzene-d4	11.68	152	97932	46.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.22%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	791	0.577	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	760	0.632	ug/L #	1
17) trans-1,2-Dichloroethene	2.79	96	545	0.402	ug/L	95
34) Trichloroethene	5.96	95	2143	1.688	ug/L	86
37) 1,2-Dichloropropane	6.12	63	6649	6.152	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1714	0.986	ug/L #	71
42) Toluene	7.44	91	2185	0.429	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	1137	0.689	ug/L #	82
45) 1,1,2-Trichloroethane	7.84	97	870	0.716	ug/L #	15
48) 2-Hexanone	8.14	43	8140	7.393	ug/L #	65
52) Ethylbenzene	9.06	91	10369	1.803	ug/L	97
53) m,p-Xylene	9.18	106	14938	6.489	ug/L	98
54) o-xylene	9.59	106	13106	5.836	ug/L	98
56) Isopropylbenzene	9.98	105	7831	1.293	ug/L #	95
58) 1,1,2,2-Tetrachloroethane	10.29	83	6930	3.586	ug/L #	39
66) 1,2-Dibromo-3-chloropropan	12.46	75	1378	3.442	ug/L #	1
69) Naphthalene	13.56	128	25339	4.005	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007788.D
Acq On : 23 Sep 2018 15:08
Operator : SY/MD
Sample : J5014-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Quant Time: Sep 24 07:22:03 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

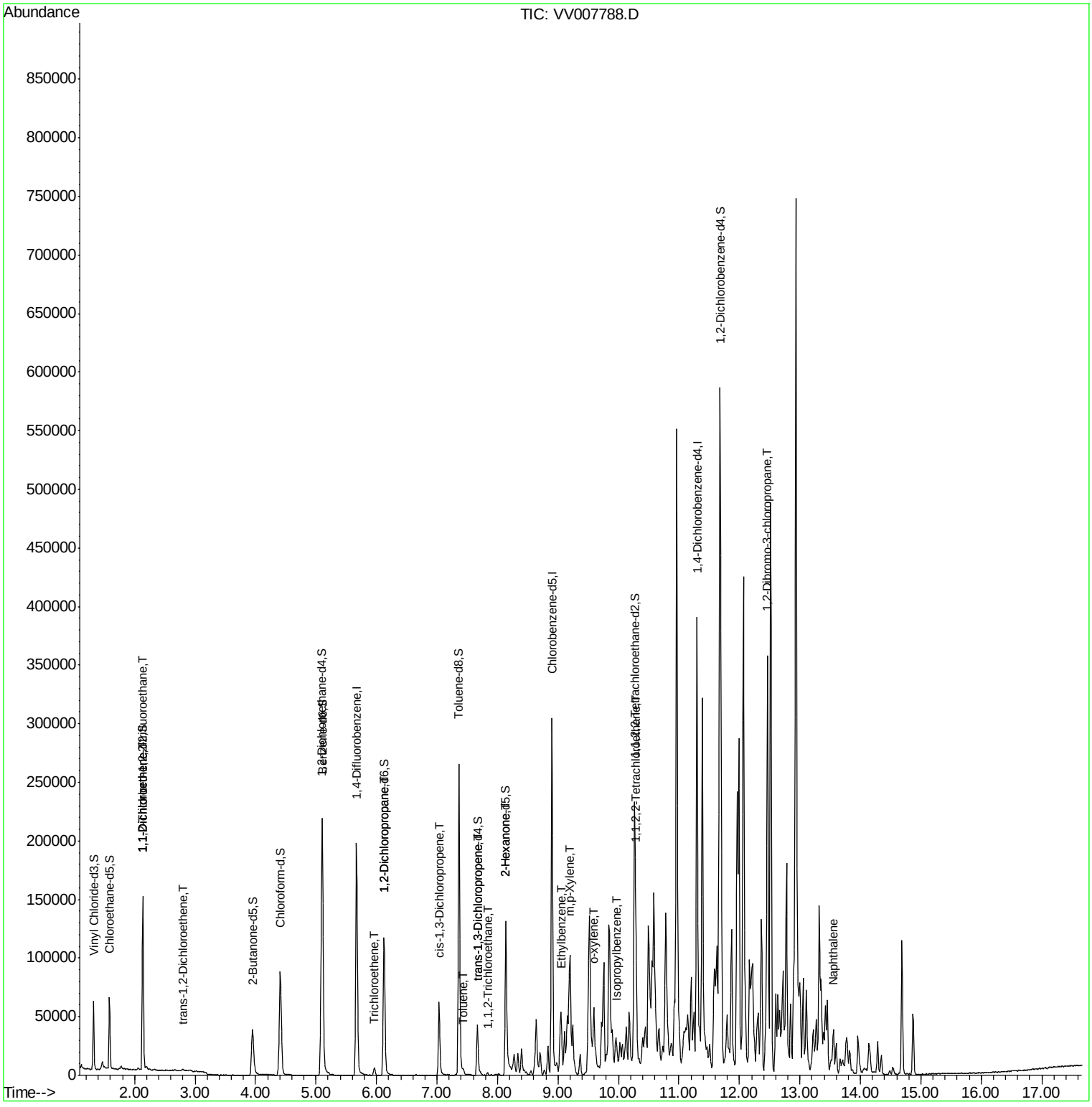
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

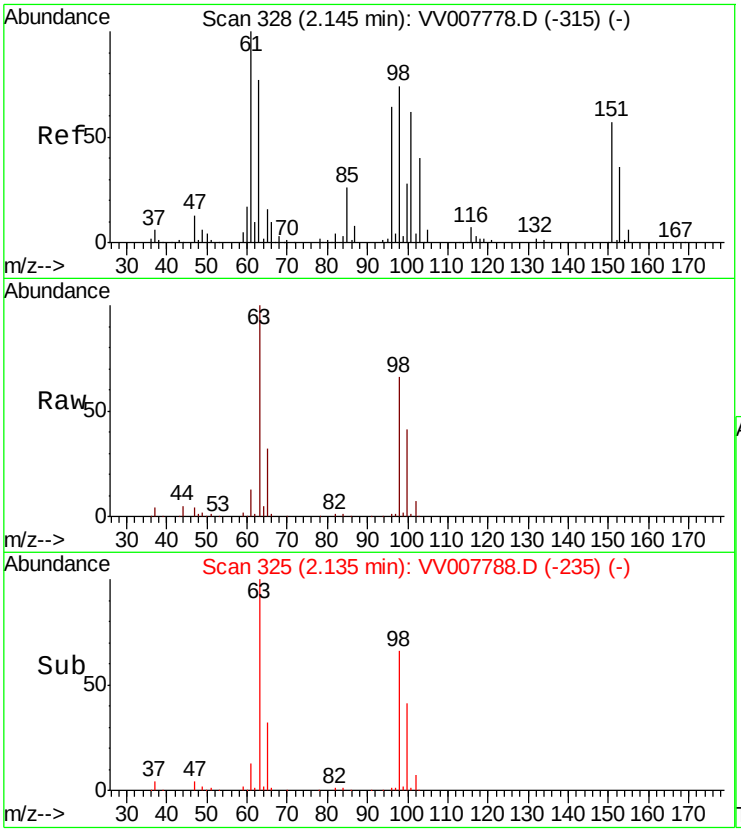
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007788.D
Acq On : 23 Sep 2018 15:08
Operator : SY/MD
Sample : J5014-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Quant Time: Sep 24 07:22:03 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



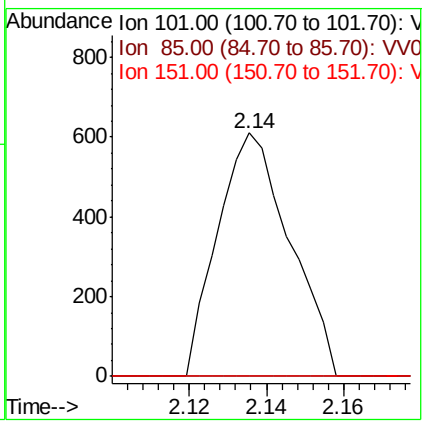


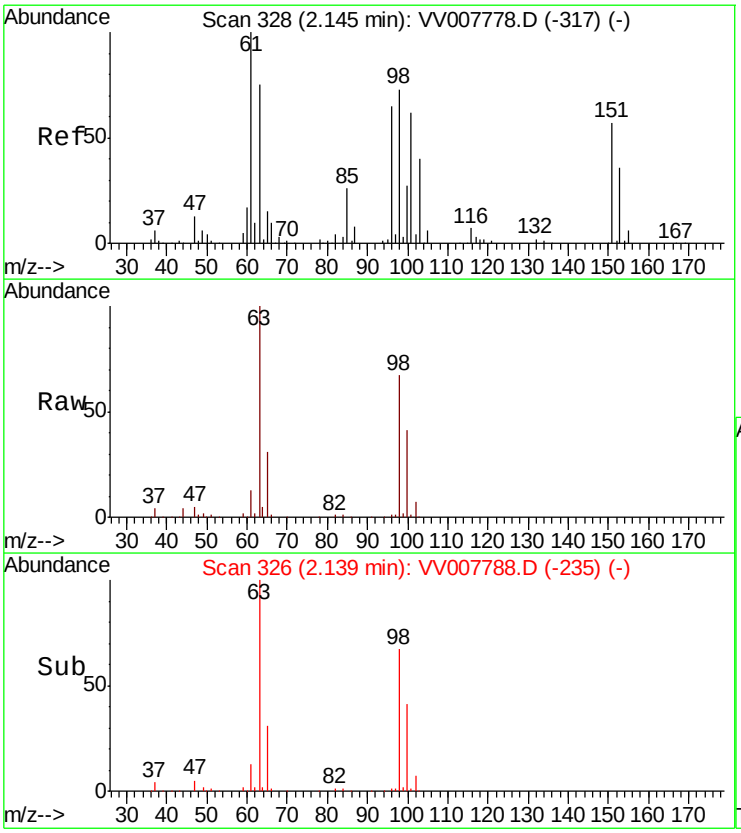
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.577 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Tgt Ion:101 Resp: 791

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

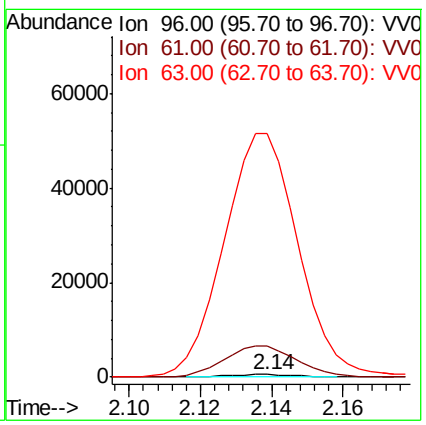


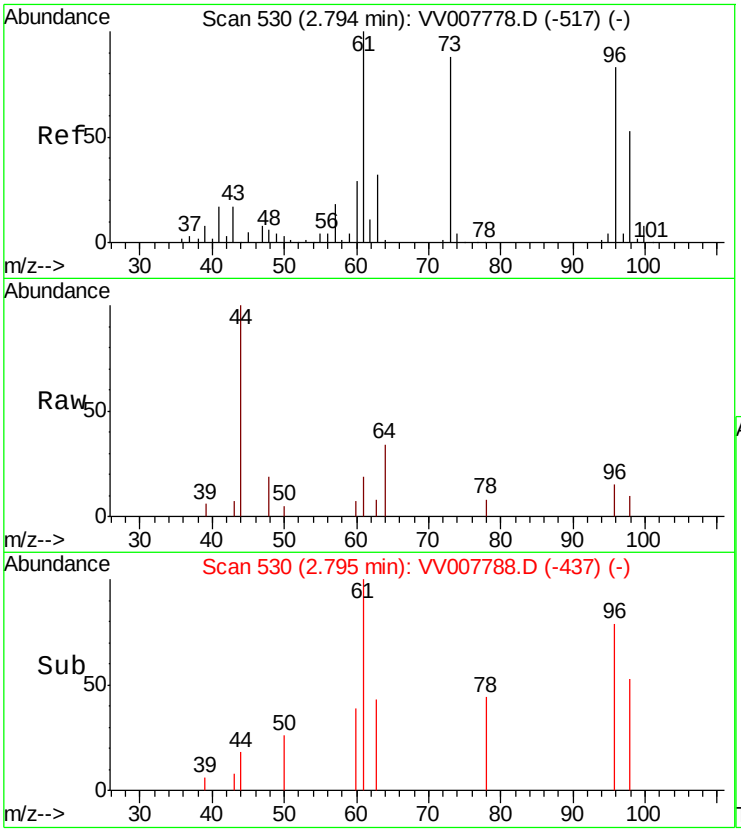


#12
1,1-Dichloroethene
Concen: 0.632 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion: 96 Resp: 760

Ion	Ratio	Lower	Upper
96	100		
61	1225.0	107.3	199.3#
63	9768.5	78.8	146.4#



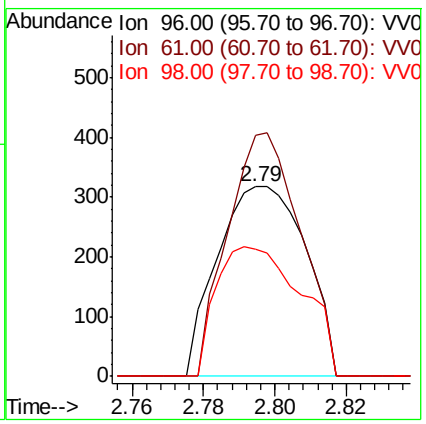


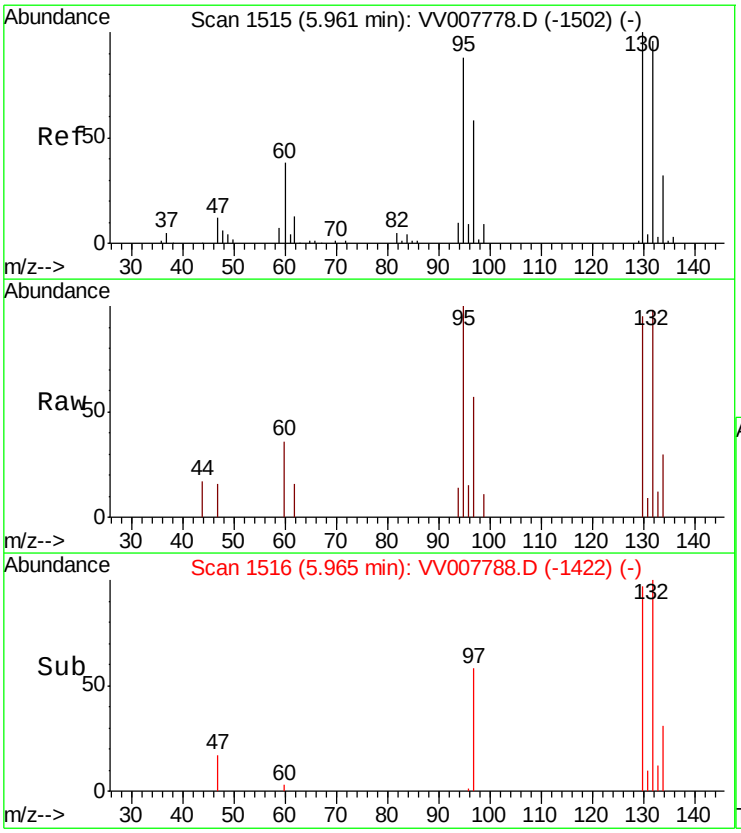
#17
trans-1,2-Dichloroethene
Concen: 0.402 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Tgt Ion: 96 Resp: 545

Ion	Ratio	Lower	Upper
96	100		
61	127.0	84.9	157.7
98	67.3	44.6	82.8

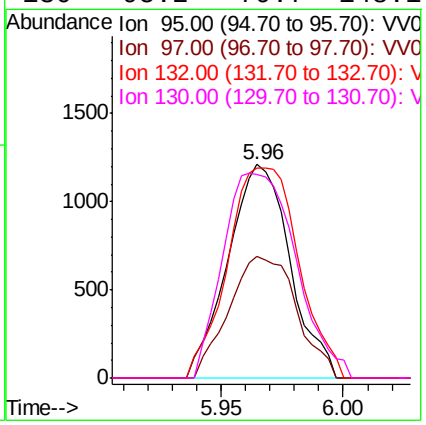


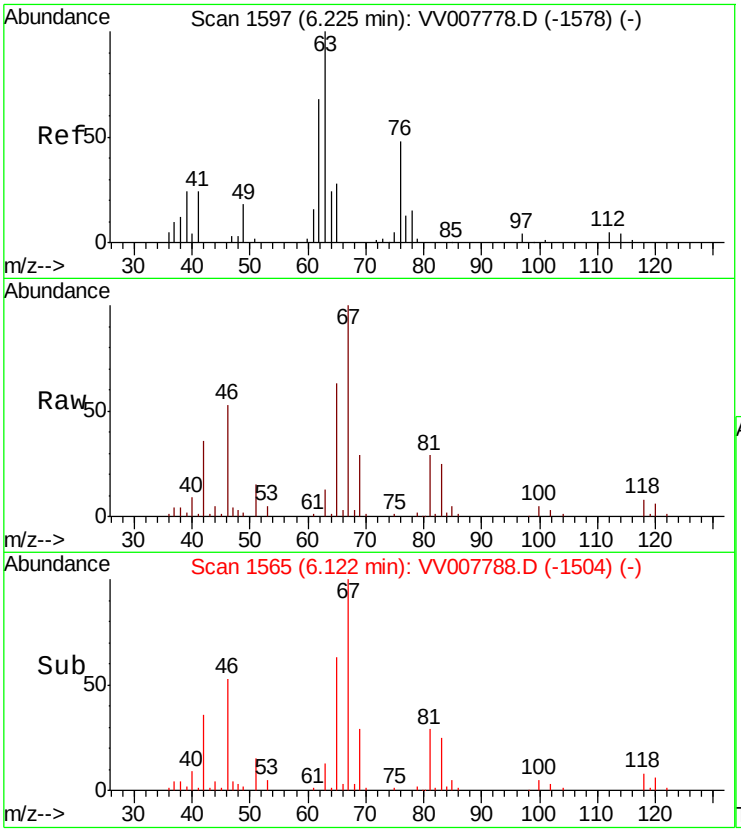


#34
Trichloroethene
Concen: 1.688 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion: 95 Resp: 2143

Ion	Ratio	Lower	Upper
95	100		
97	57.1	45.2	84.0
132	98.3	77.7	144.3
130	95.2	79.7	148.1



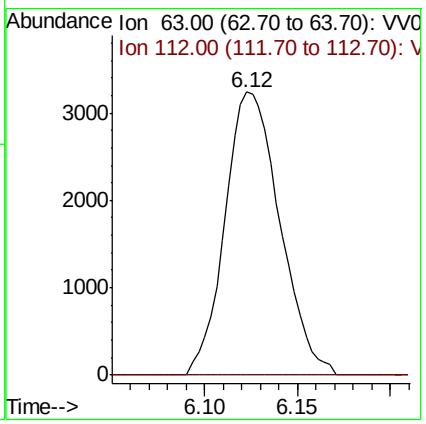


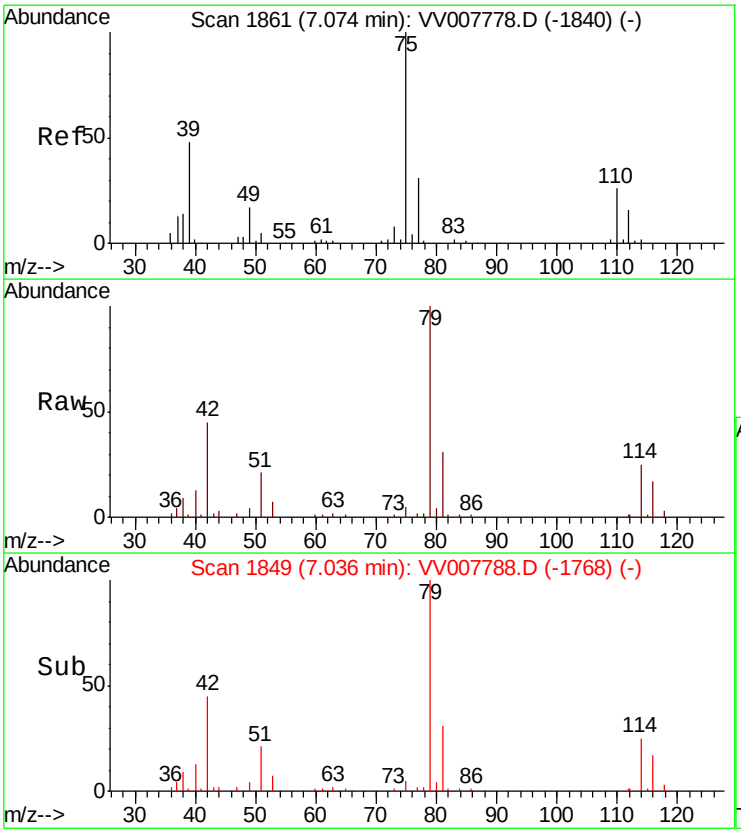
#37
1,2-Dichloropropane
Concen: 6.152 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument : MSVOA_V
ClientSampleId : E8JB3

Tgt Ion: 63 Resp: 6649

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

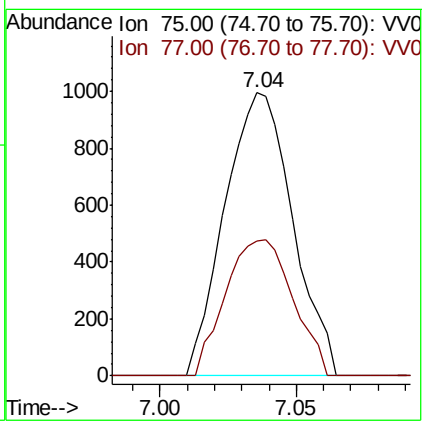


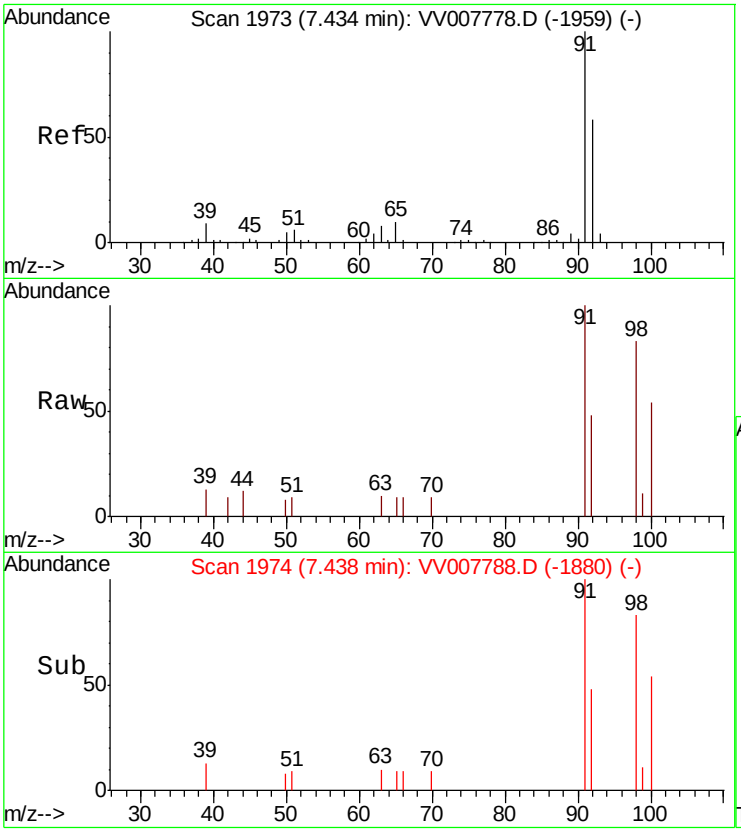


#39
cis-1,3-Dichloropropene
Concen: 0.986 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion: 75 Resp: 1714

Ion	Ratio	Lower	Upper
75	100		
77	47.5	22.0	40.8#



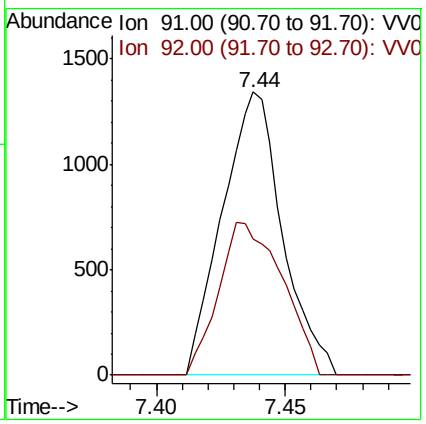


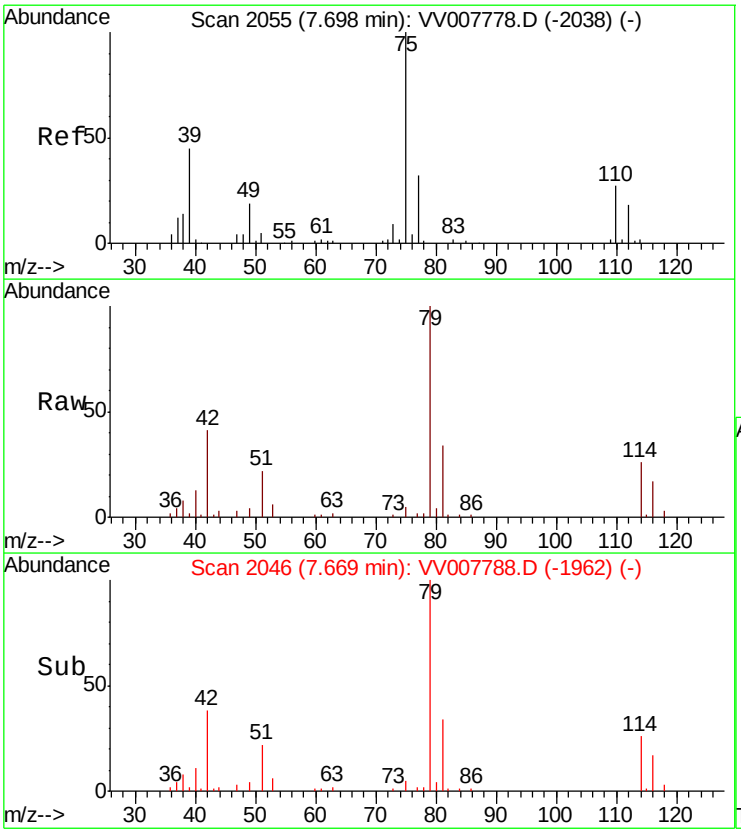
#42
Toluene
Concen: 0.429 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument : MSVOA_V
ClientSampleId : E8JB3

Tgt Ion: 91 Resp: 2185

Ion	Ratio	Lower	Upper
91	100		
92	48.0	39.7	73.7

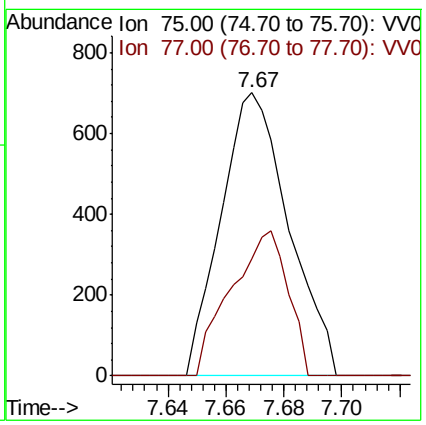


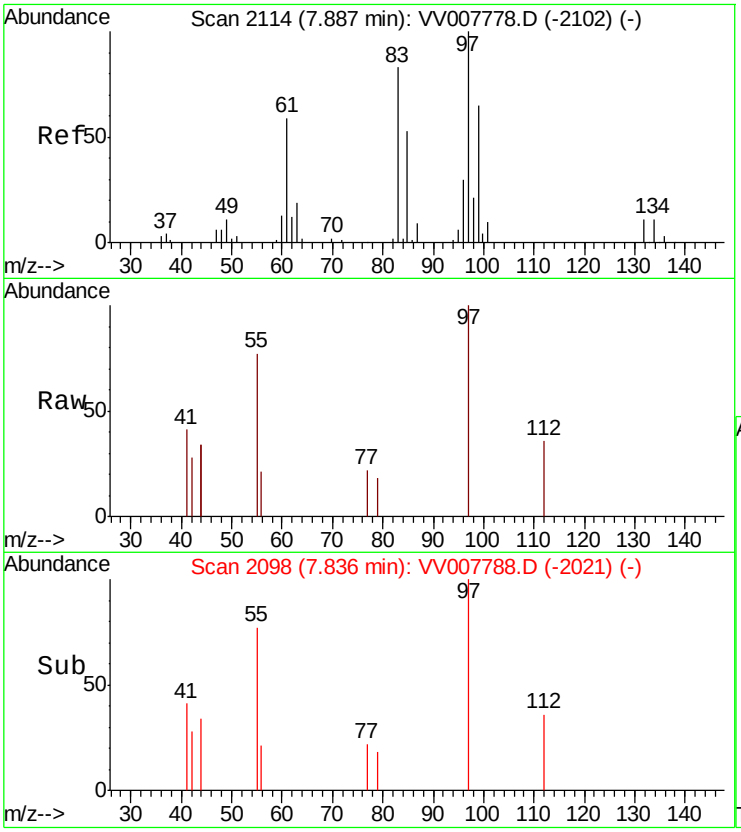


#44
trans-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion: 75 Resp: 1137

Ion	Ratio	Lower	Upper
75	100		
77	41.5	22.0	40.8#



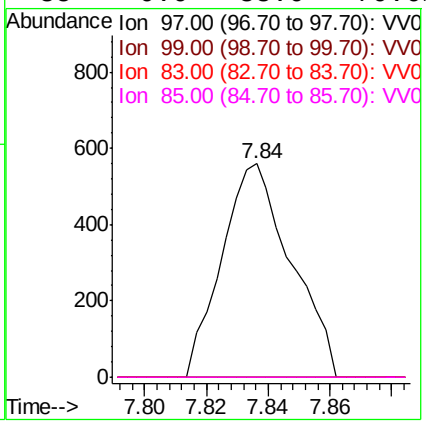


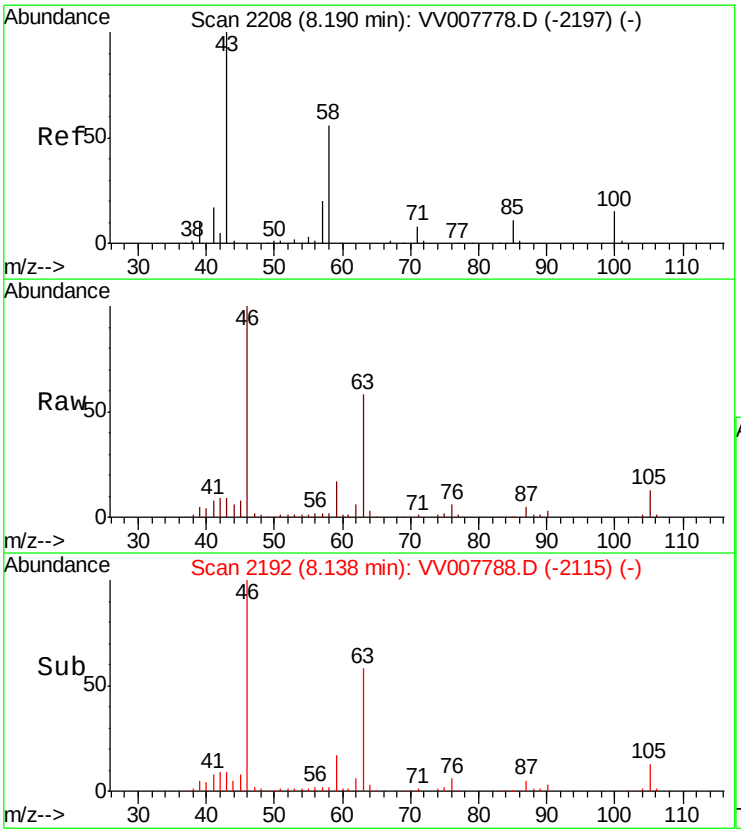
#45
1,1,2-Trichloroethane
Concen: 0.716 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.05 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument : MSVOA_V
ClientSampleId : E8JB3

Tgt Ion: 97 Resp: 870

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#

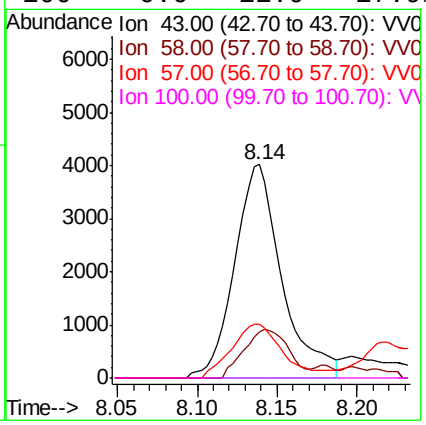


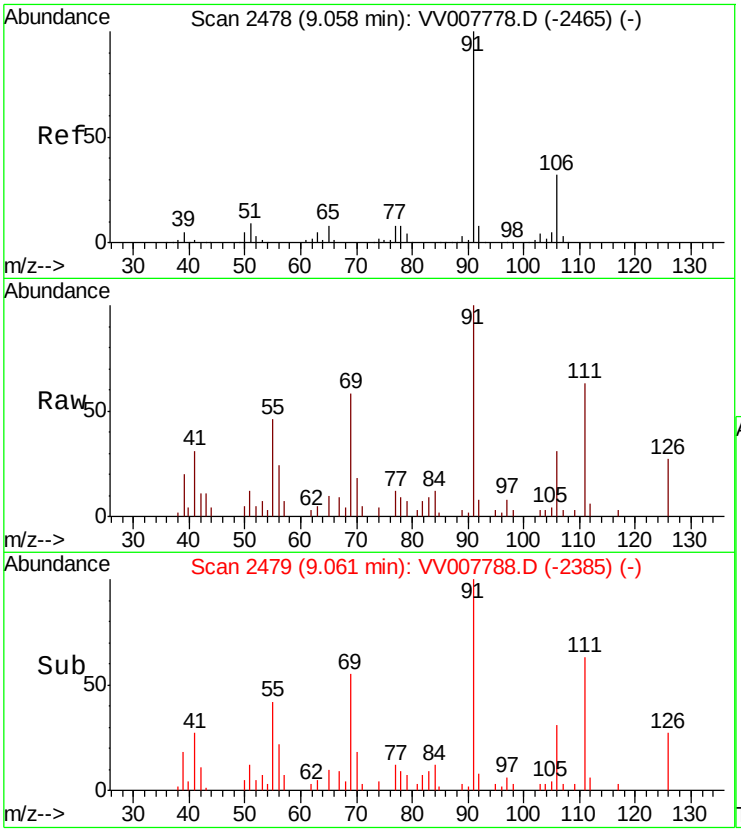


#48
2-Hexanone
Concen: 7.393 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion: 43 Resp: 8140

Ion	Ratio	Lower	Upper
43	100		
58	21.6	41.4	62.0#
57	26.6	16.0	24.0#
100	0.0	11.9	17.9#



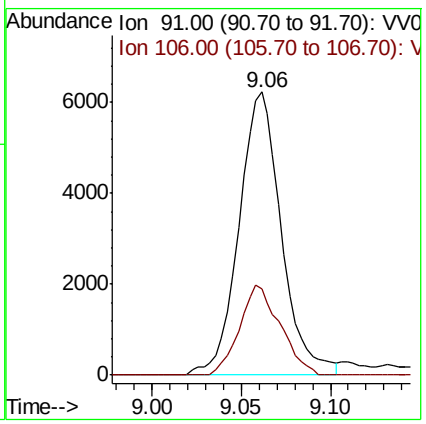


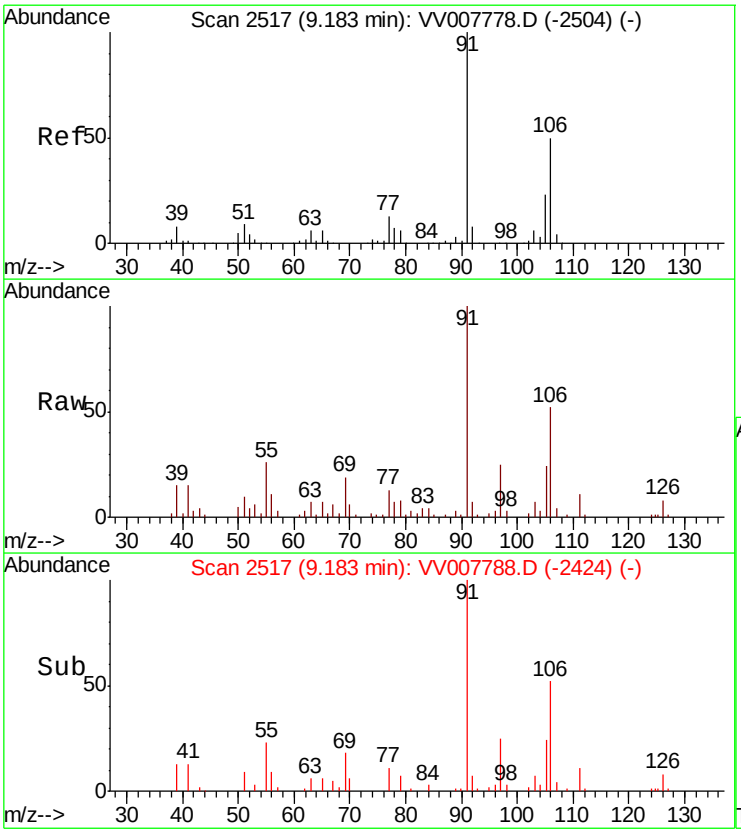
#52
Ethylbenzene
Concen: 1.803 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Tgt Ion: 91 Resp: 10369

Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.7	42.1

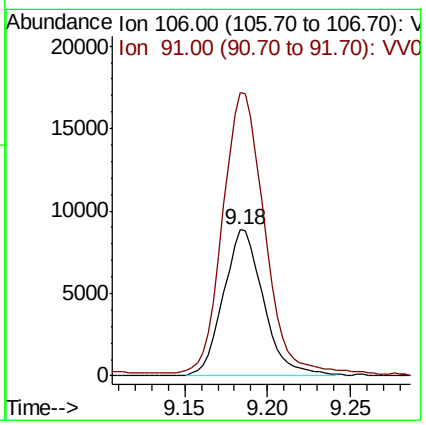


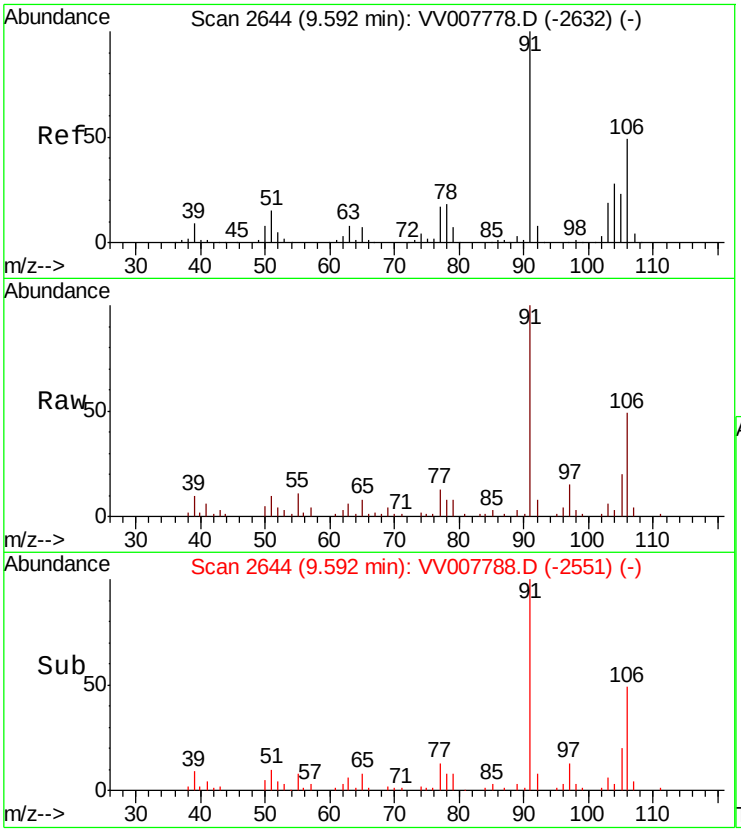


#53
m,p-Xylene
Concen: 6.489 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion:106 Resp: 14938

Ion	Ratio	Lower	Upper
106	100		
91	193.6	137.3	254.9



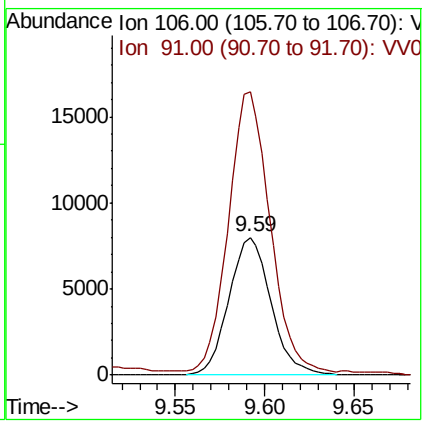


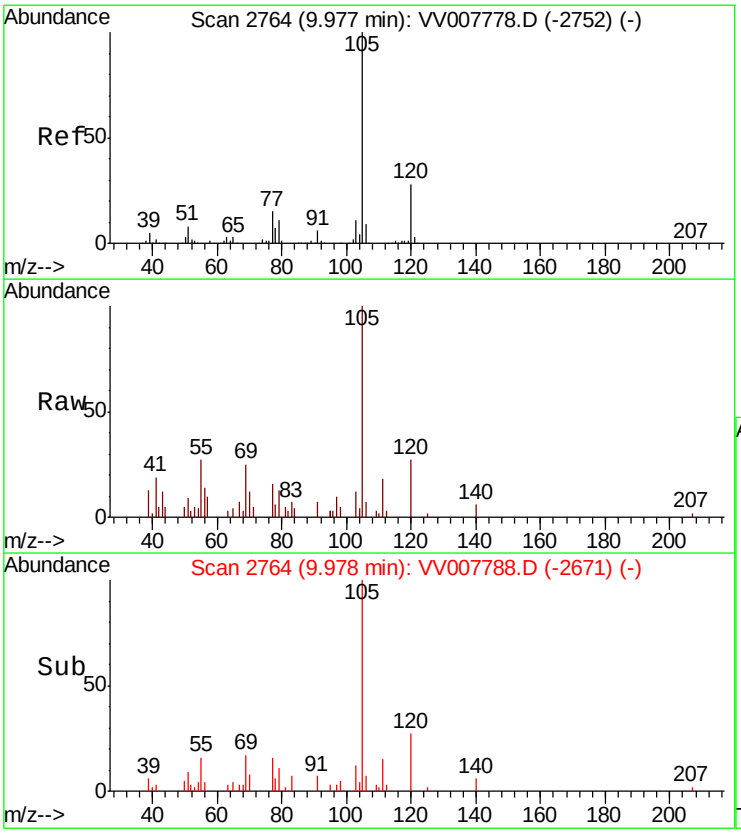
#54
o-xylene
Concen: 5.836 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Tgt Ion:106 Resp: 13106

Ion	Ratio	Lower	Upper
106	100		
91	205.5	145.5	270.3

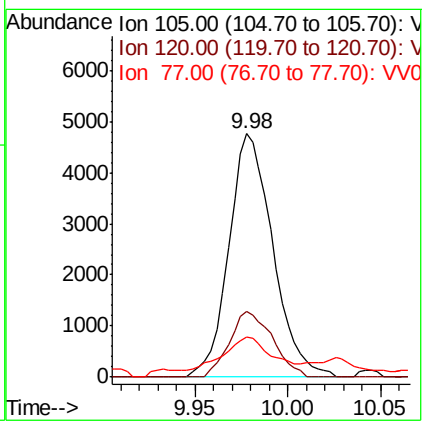


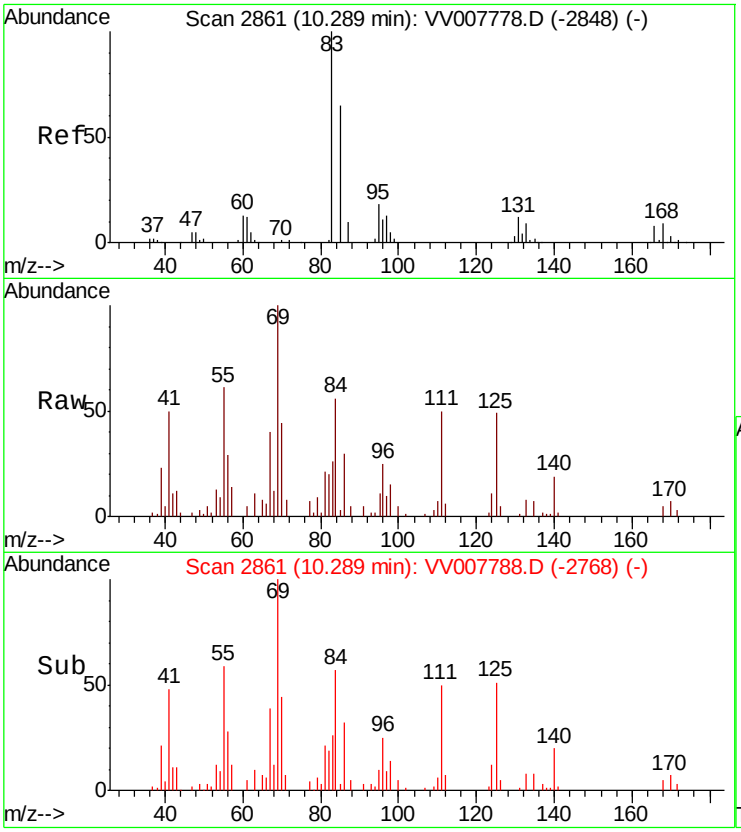


#56
Isopropylbenzene
Concen: 1.293 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion:105 Resp: 7831

Ion	Ratio	Lower	Upper
105	100		
120	26.3	22.0	33.0
77	18.8	12.1	18.1#



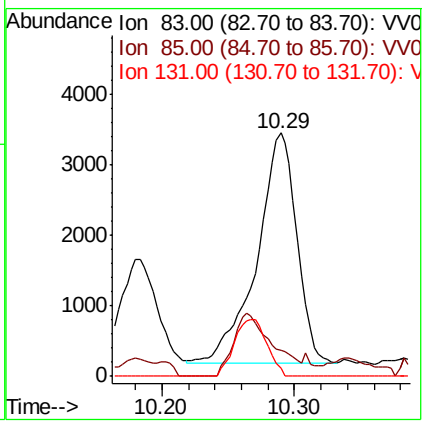


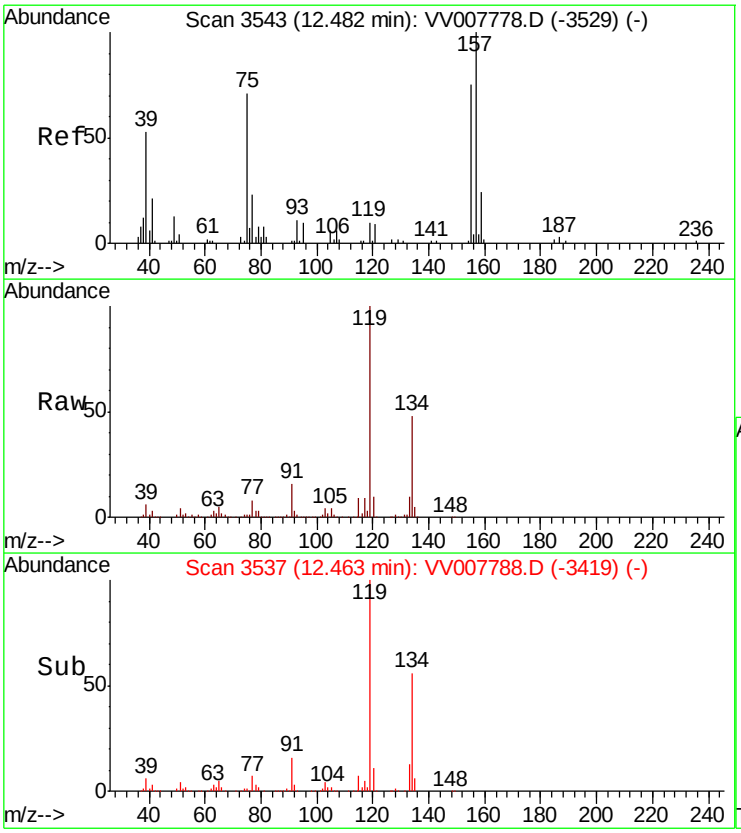
#58
1,1,2,2-Tetrachloroethane
Concen: 3.586 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument : MSVOA_V
ClientSampleId : E8JB3

Tgt Ion: 83 Resp: 6930

Ion	Ratio	Lower	Upper
83	100		
85	10.8	45.4	84.4#
131	3.4	9.8	14.8#

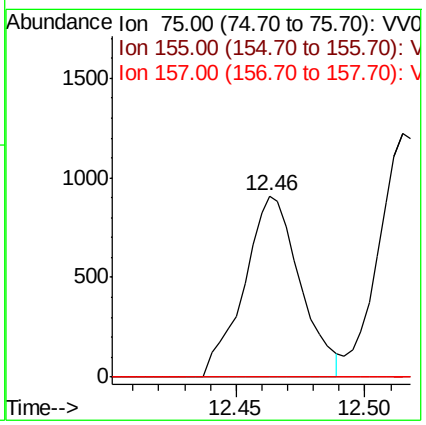


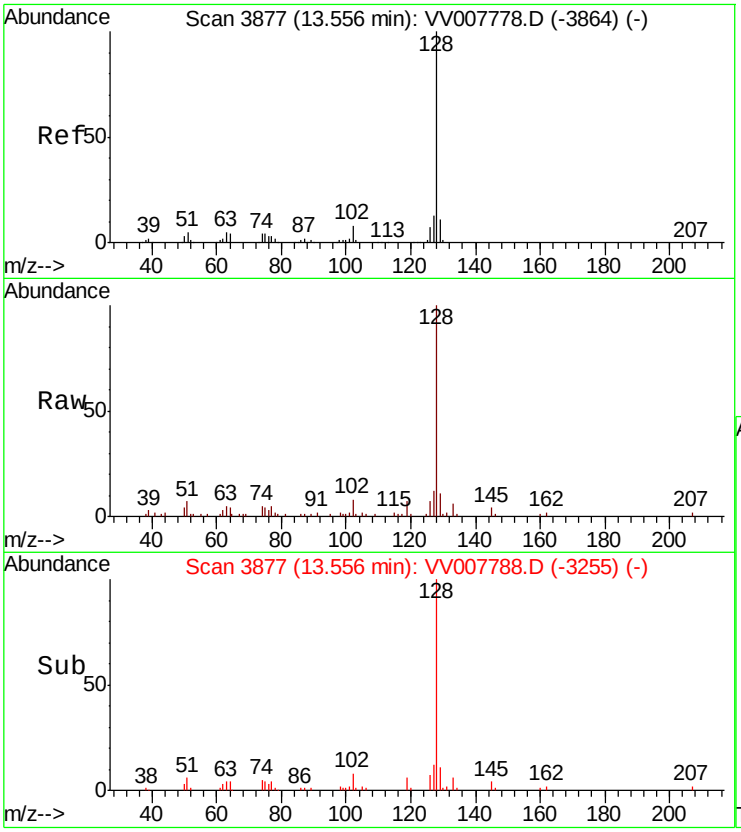


#66
1,2-Dibromo-3-chloropropane
Concen: 3.442 ug/L
RT: 12.46 min Scan# 3537
Delta R.T. -0.02 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Tgt Ion: 75 Resp: 1378

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





#69
Naphthalene
Concen: 4.005 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV007788.D
Acq: 23 Sep 2018 15:08

Instrument :
MSVOA_V
ClientSampleId :
E8JB3

Tgt Ion:128 Resp: 25339

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	9.9	8.6	13.0