Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007791.D
Acq On : 23 Sep 2018 16:22
Operator : SY/MD
Sample : J5014-06MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 69 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E8JB4MSD

Quant Time: Sep 24 07:22:29 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	192829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109543	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36491	34.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.64%			
7) Chloroethane-d5	1.58	69	37738	39.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.26%			
11) 1,1-Dichloroethene-d2	2.14	63	104716	42.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.76%			
21) 2-Butanone-d5	3.95	46	64288	92.88	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.88%			
24) Chloroform-d	4.41	84	92138	41.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.12%			
26) 1,2-Dichloroethane-d4	5.09	65	62931	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.94%			
32) Benzene-d6	5.11	84	183821	43.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.76%			
36) 1,2-Dichloropropane-d6	6.13	67	55091	44.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.04%			
41) Toluene-d8	7.36	98	188764	42.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.26%			
43) trans-1,3-Dichloropropene-	7.67	79	24981	39.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.20%			
47) 2-Hexanone-d5	8.14	63	53580	97.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.23%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89884	46.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.02%			
64) 1,2-Dichlorobenzene-d4	11.68	152	101347	44.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.96%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	967	0.899	ug/L #	42
8) Chloroethane	1.27	64	57599	69.115	ug/L #	52
9) Trichlorofluoromethane	2.14	101	1008	0.392	ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1008	0.691	ug/L #	14
12) 1,1-Dichloroethene	2.15	96	62315	48.723	ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	3027	2.339	ug/L	99
27) 1,2-Dichloroethane	5.16	62	2514	1.434	ug/L #	74
33) Benzene	5.15	78	215862	48.883	ug/L	100
34) Trichloroethene	5.96	95	62353	47.744	ug/L	99
35) Methylcyclohexane	6.13	83	14349	7.173	ug/L #	22
37) 1,2-Dichloropropane	6.13	63	6908	6.213	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1885	1.055	ug/L #	56
42) Toluene	7.44	91	256654	49.032	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	1266	0.746	ug/L #	83
45) 1,1,2-Trichloroethane	7.83	97	1870	1.497	ug/L #	20
51) Chlorobenzene	8.93	112	182067	48.288	ug/L	99
52) Ethylbenzene	9.06	91	8372	1.415	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007791.D
Acq On : 23 Sep 2018 16:22
Operator : SY/MD
Sample : J5014-06MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 69 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E8JB4MSD

Quant Time: Sep 24 07:22:29 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)
56) Isopropylbenzene	9.98	105	25864	4.152	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	10065	5.063	ug/L	#	37
66) 1,2-Dibromo-3-chloropropan	12.52	75	1346	3.169	ug/L	#	1
69) Naphthalene	13.56	128	4317	0.643	ug/L	#	94

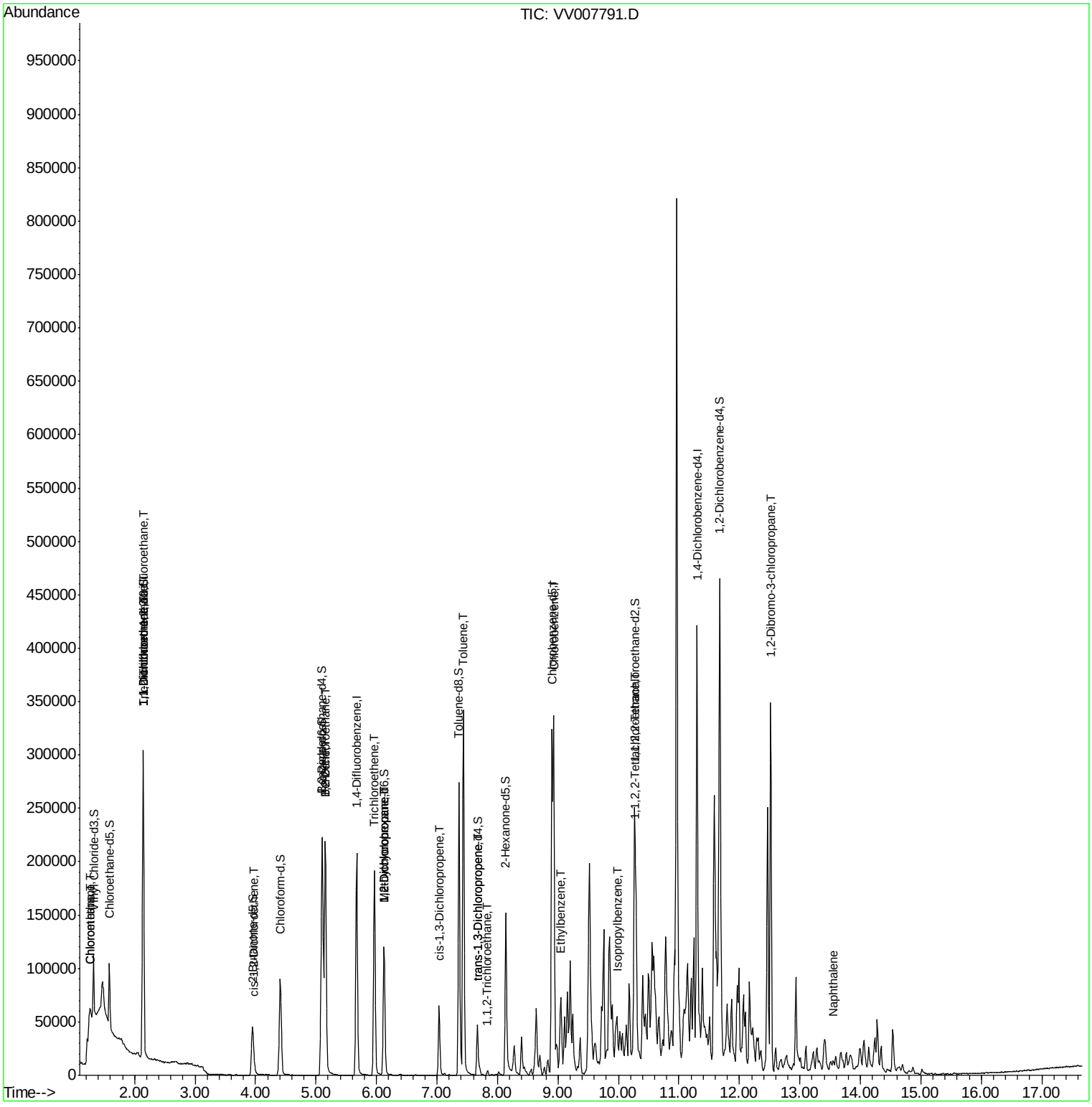
(#) = qualifier out of range (m) = manual integration (+) = signals summed

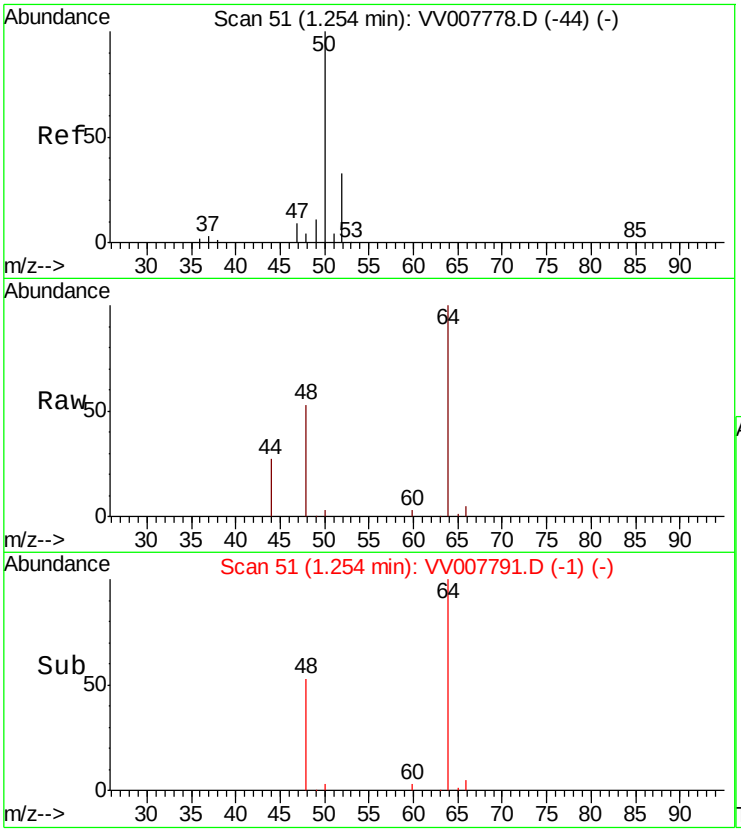
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007791.D
Acq On : 23 Sep 2018 16:22
Operator : SY/MD
Sample : J5014-06MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 69 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Quant Time: Sep 24 07:22:29 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



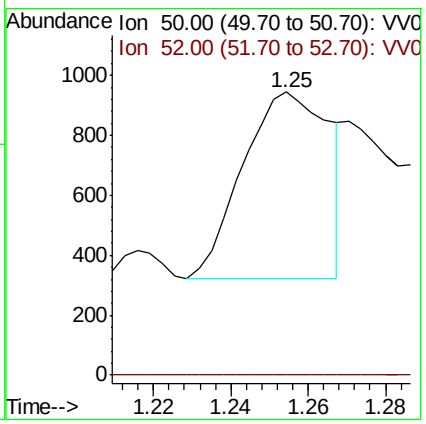


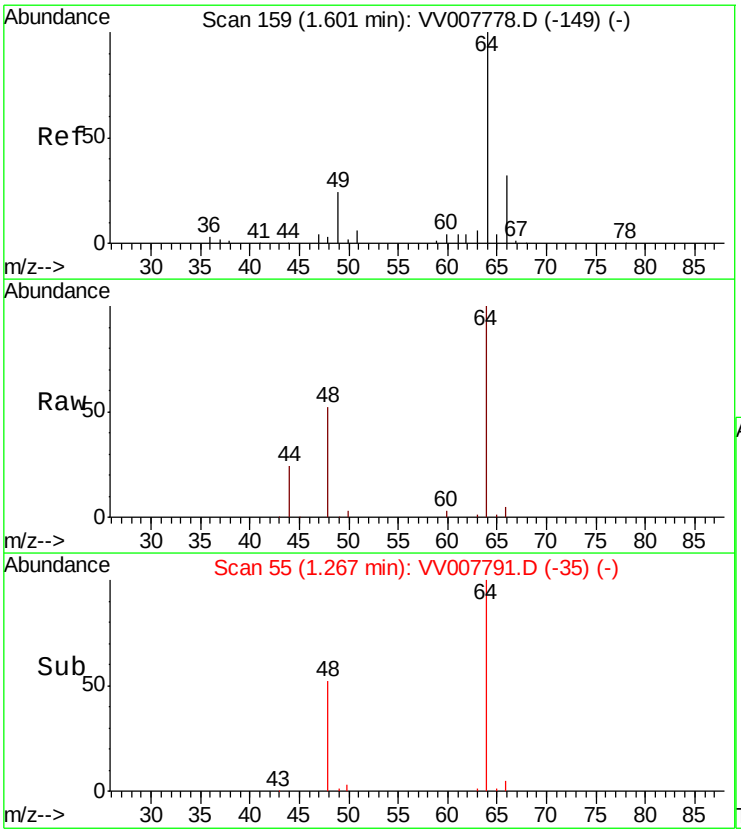
#3
Chloromethane
Concen: 0.899 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion: 50 Resp: 967

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.8#

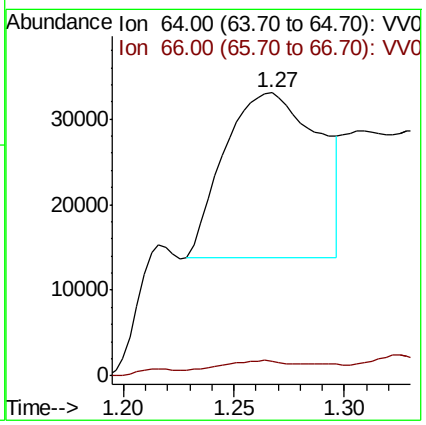


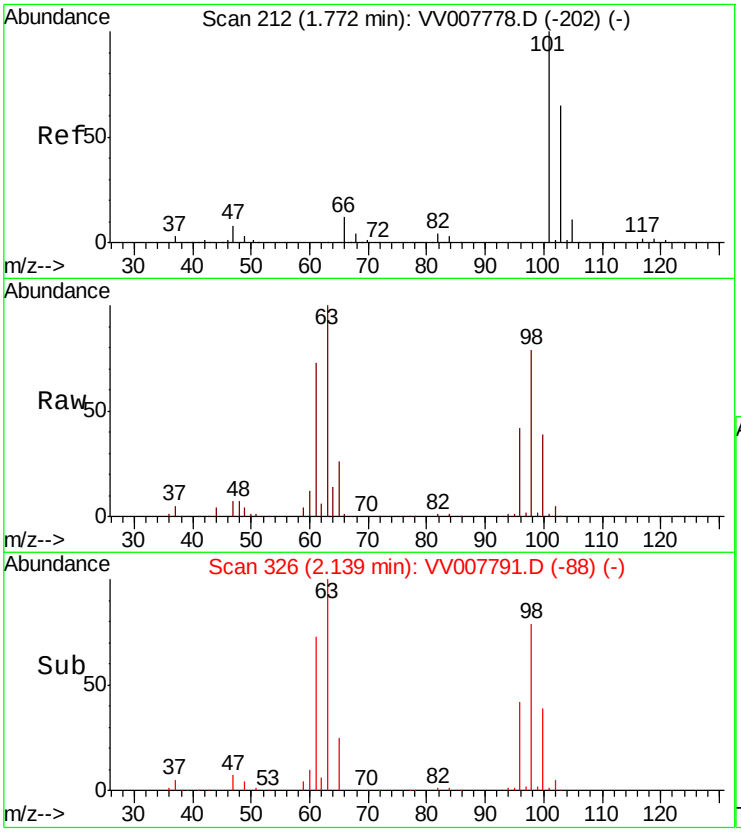


#8
Chloroethane
Concen: 69.115 ug/L
RT: 1.27 min Scan# 55
Delta R.T. -0.33 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 64 Resp: 57599

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.3	41.5#



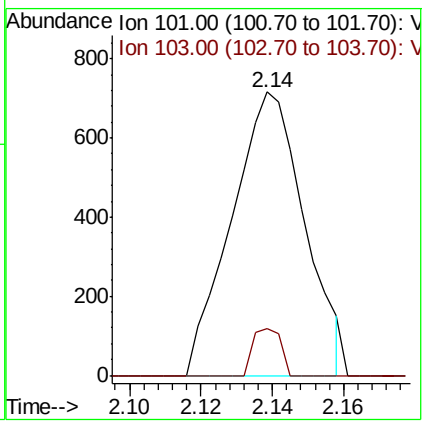


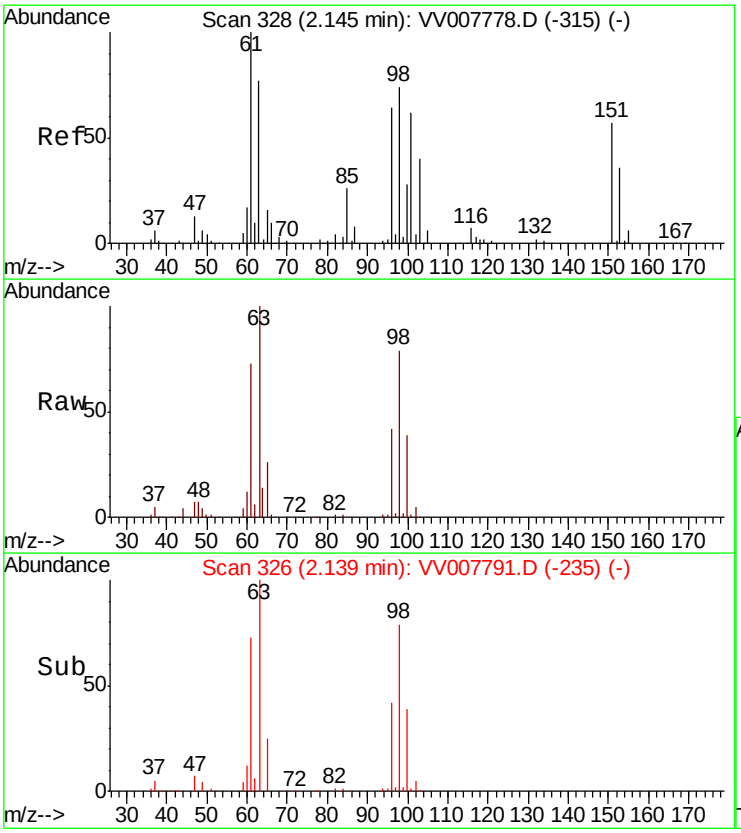
#9
Trichlorofluoromethane
Concen: 0.392 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.37 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion:101 Resp: 1008

Ion	Ratio	Lower	Upper
101	100		
103	6.4	51.4	77.2#

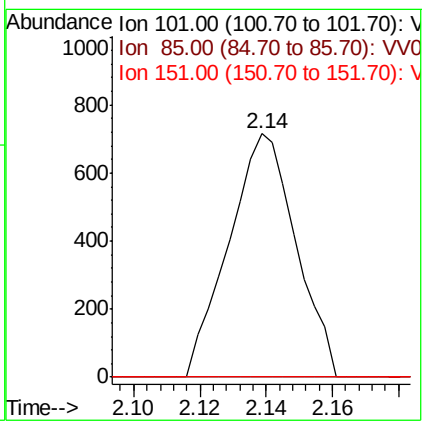


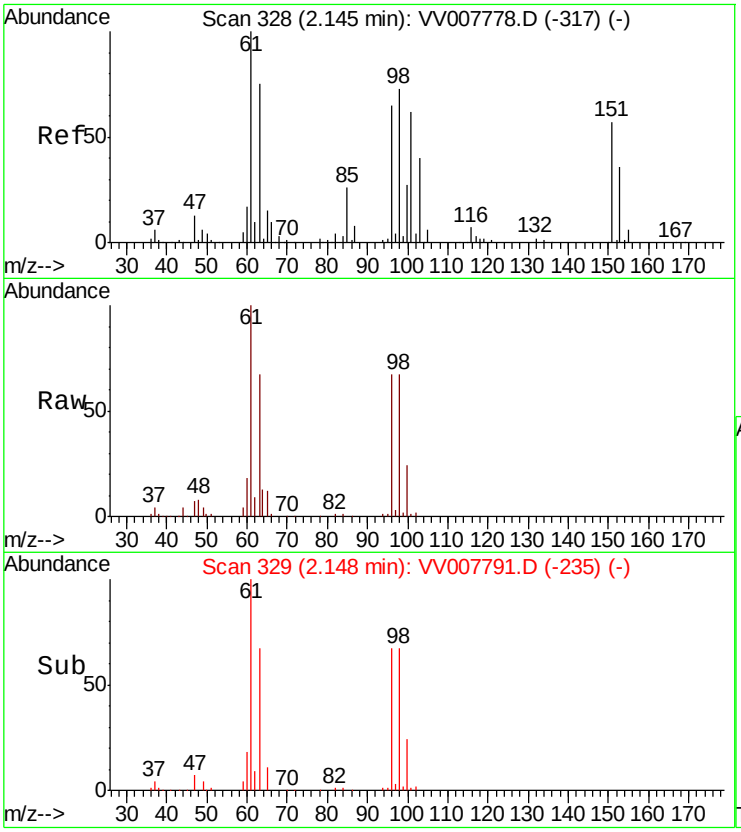


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.691 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion:101 Resp: 1008

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



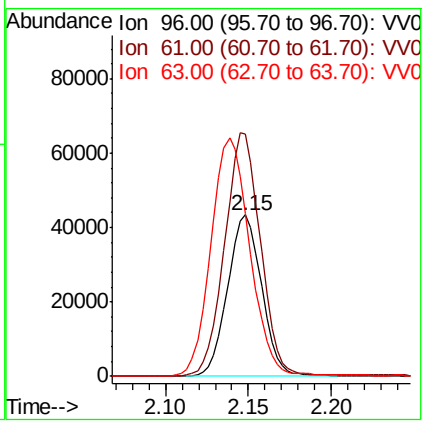


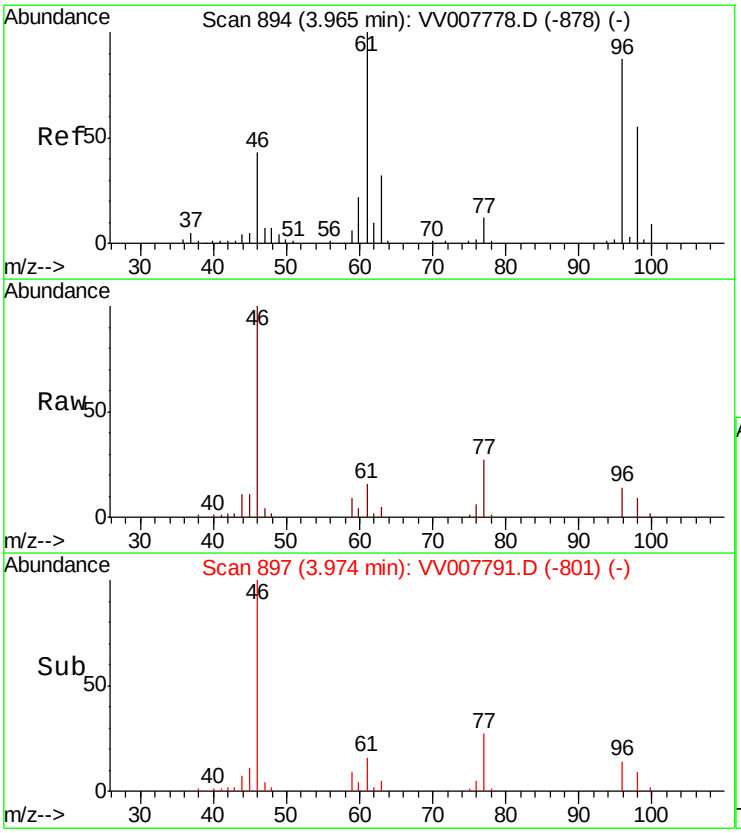
#12
1,1-Dichloroethene
Concen: 48.723 ug/L
RT: 2.15 min Scan# 329
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion: 96 Resp: 62315

Ion	Ratio	Lower	Upper
96	100		
61	150.1	107.3	199.3
63	100.9	78.8	146.4

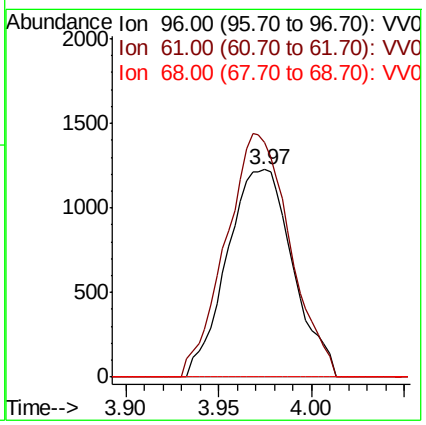


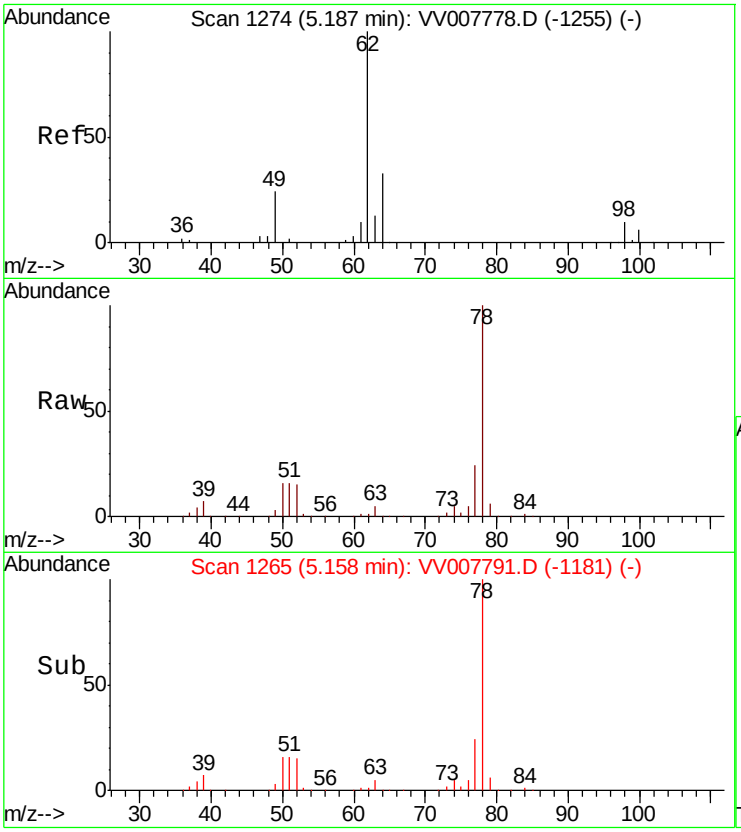


#20
cis-1,2-Dichloroethene
Concen: 2.339 ug/L
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 96 Resp: 3027

Ion	Ratio	Lower	Upper
96	100		
61	113.0	78.8	146.3
68	0.0	0.0	0.0



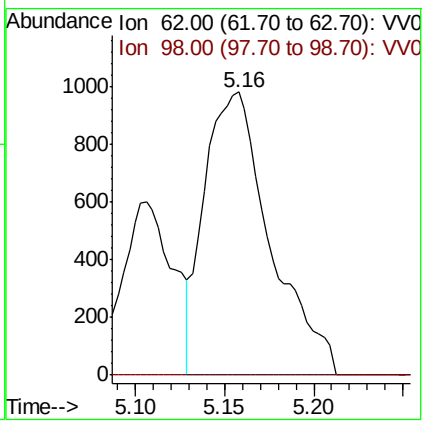


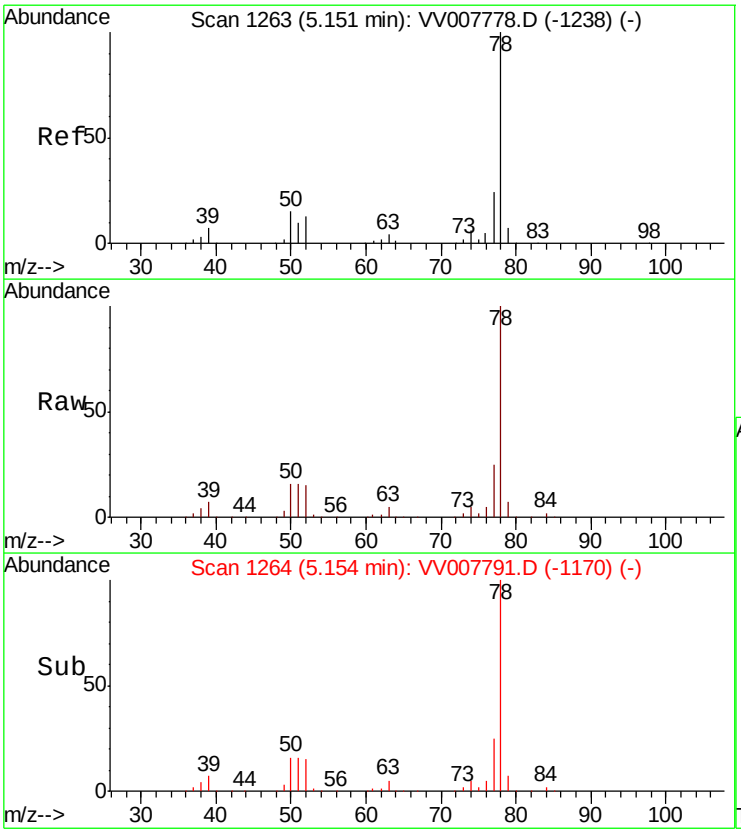
#27
1,2-Dichloroethane
Concen: 1.434 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.03 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion: 62 Resp: 2514

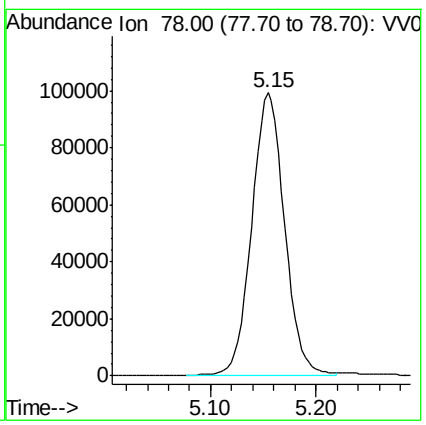
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

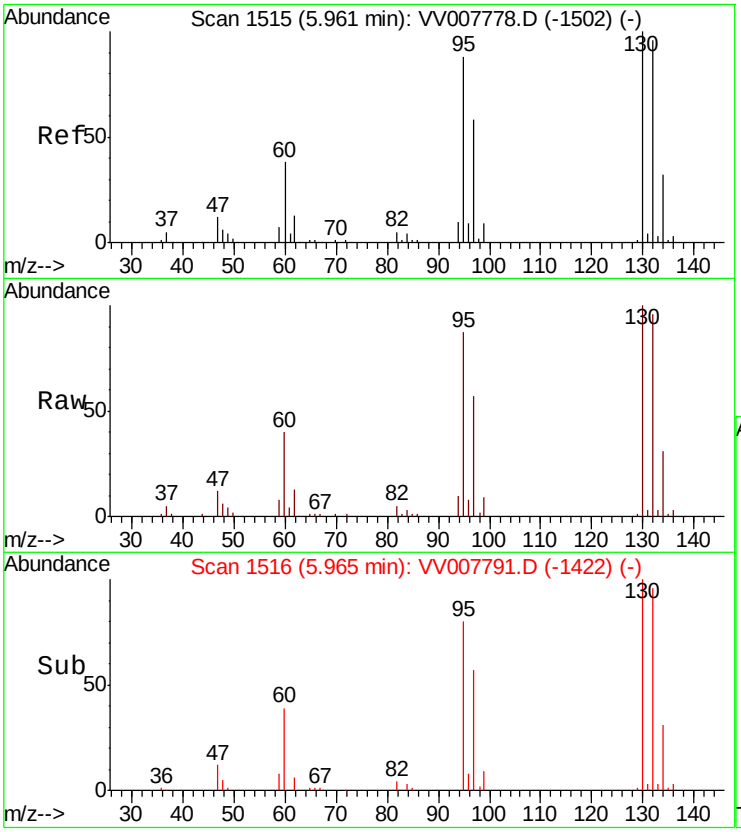




#33
Benzene
Concen: 48.883 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 78 Resp: 215862



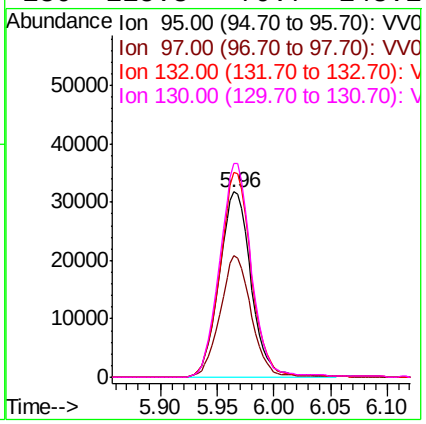


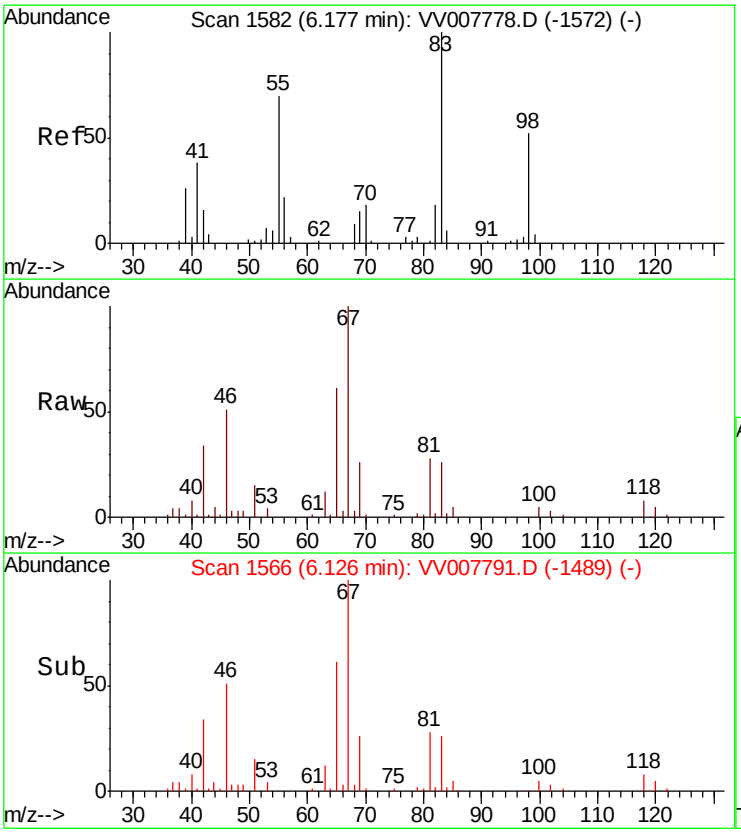
#34
Trichloroethene
Concen: 47.744 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion: 95 Resp: 62353

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.2	84.0
132	110.6	77.7	144.3
130	115.3	79.7	148.1

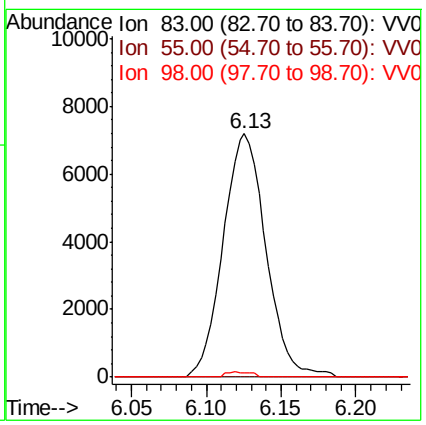


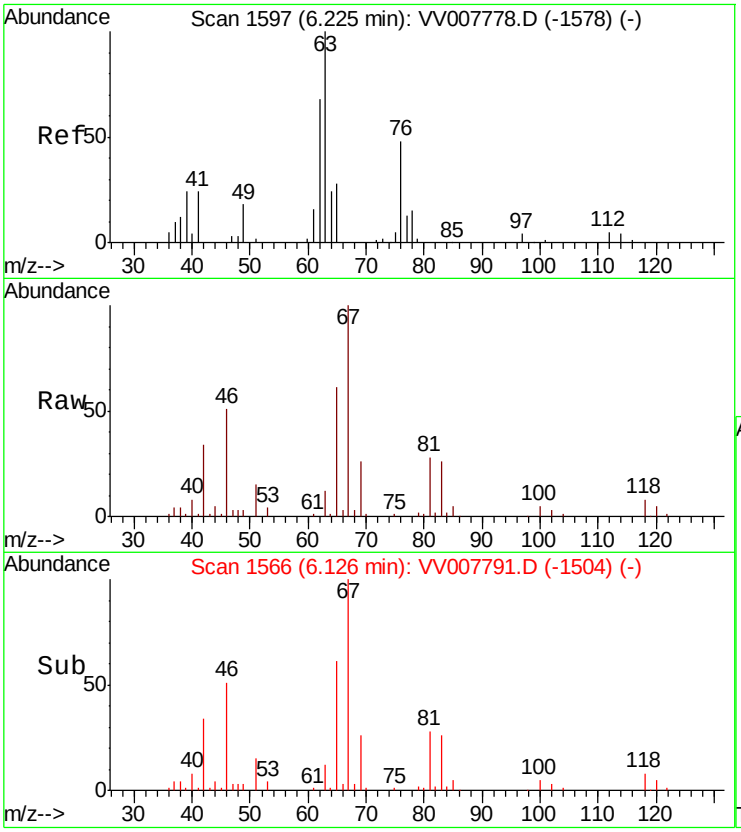


#35
Methylcyclohexane
Concen: 7.173 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 83 Resp: 14349

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.6	82.0#
98	1.2	39.0	58.6#



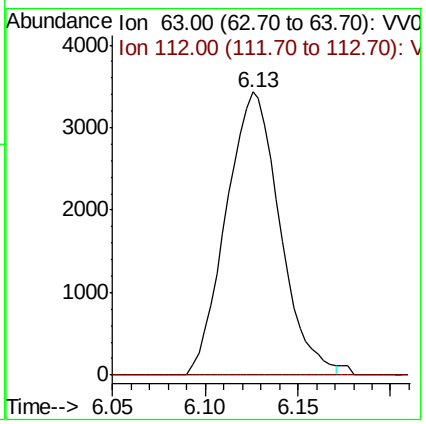


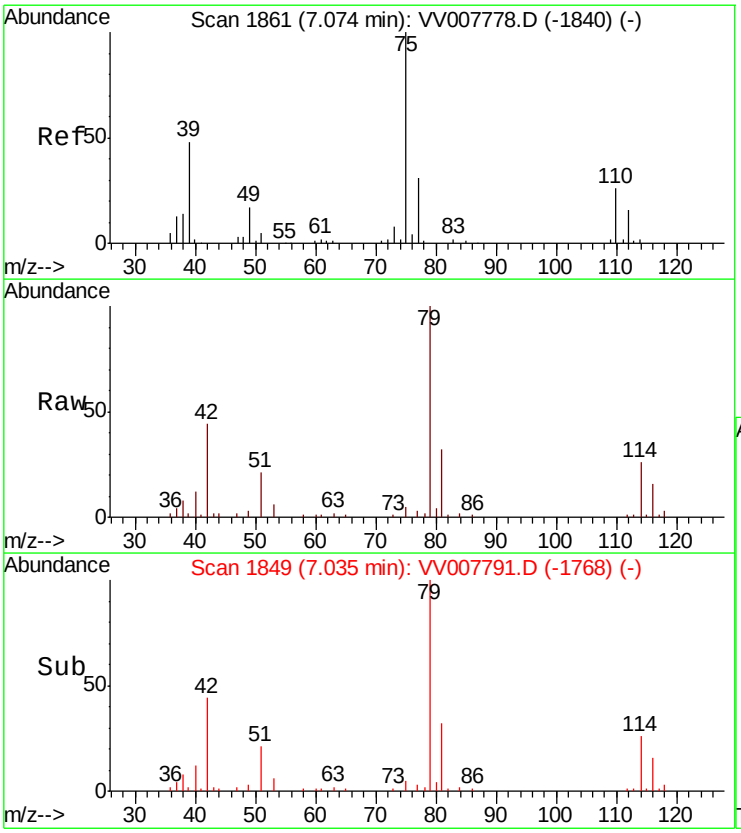
#37
1,2-Dichloropropane
Concen: 6.213 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion: 63 Resp: 6908

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

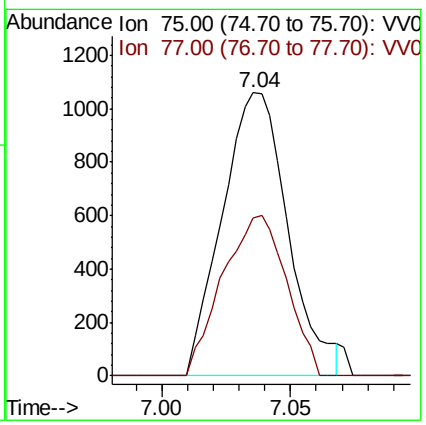


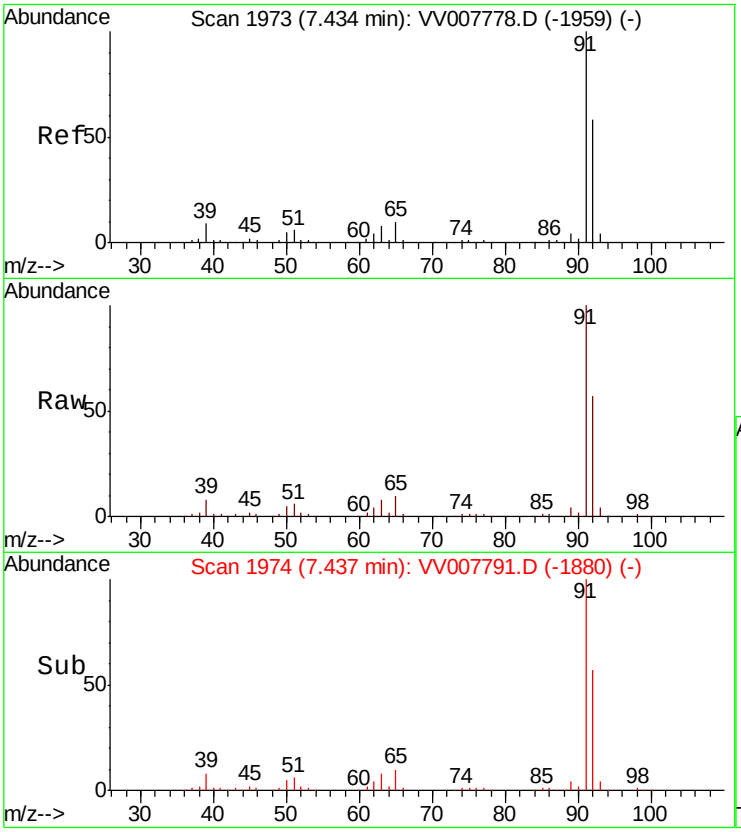


#39
cis-1,3-Dichloropropene
Concen: 1.055 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 75 Resp: 1885

Ion	Ratio	Lower	Upper
75	100		
77	55.8	22.0	40.8#



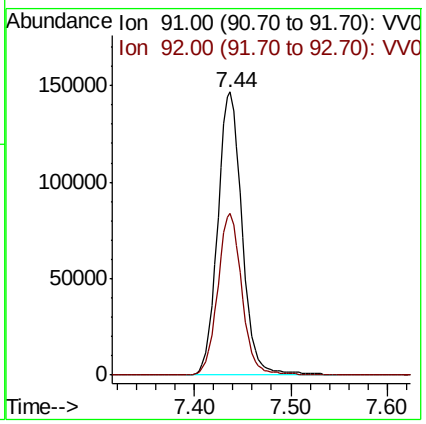


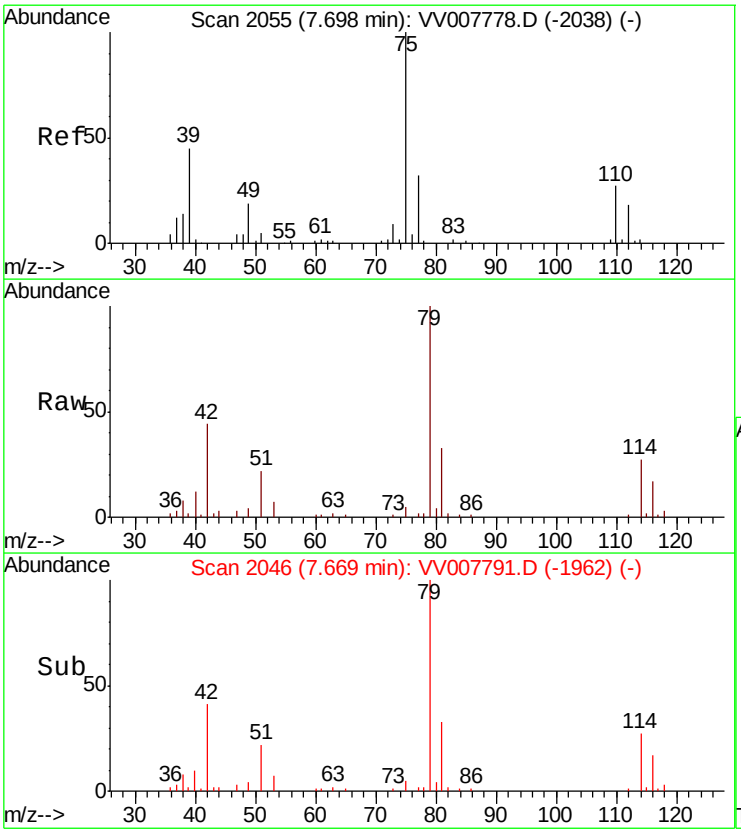
#42
Toluene
Concen: 49.032 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument : MSVOA_V
ClientSampleId : E8JB4MSD

Tgt Ion: 91 Resp: 256654

Ion	Ratio	Lower	Upper
91	100		
92	57.0	39.7	73.7

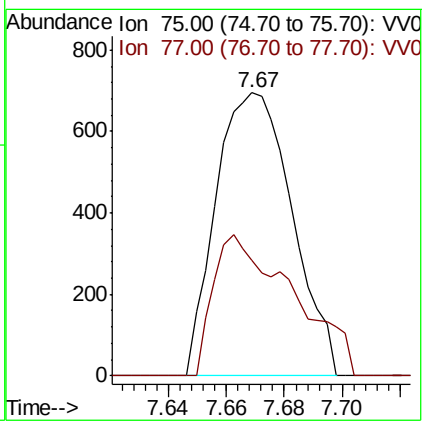


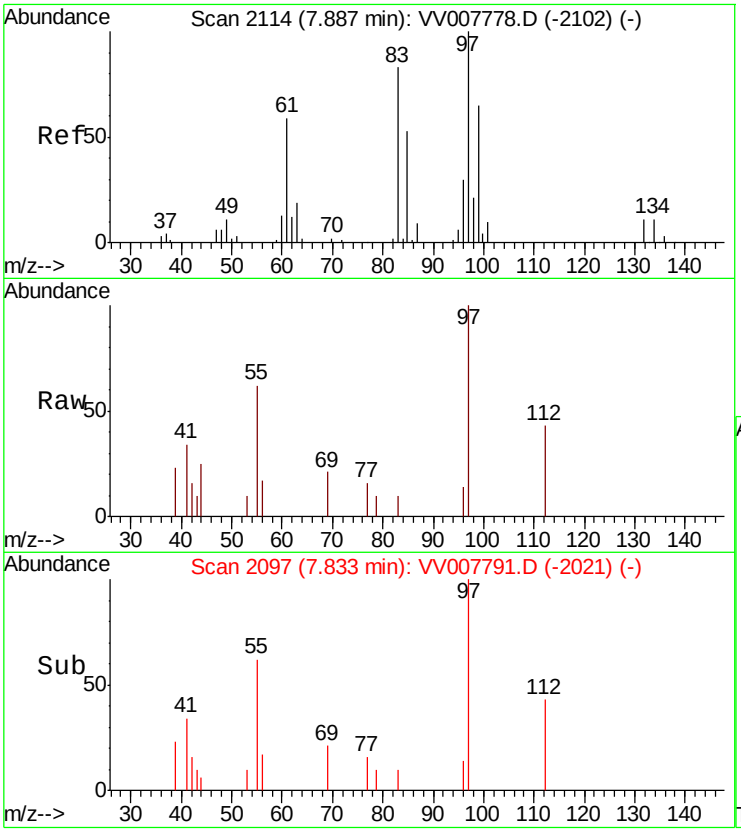


#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 75 Resp: 1266

Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.0	40.8#



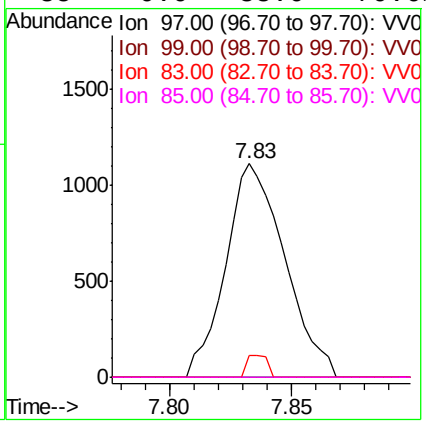


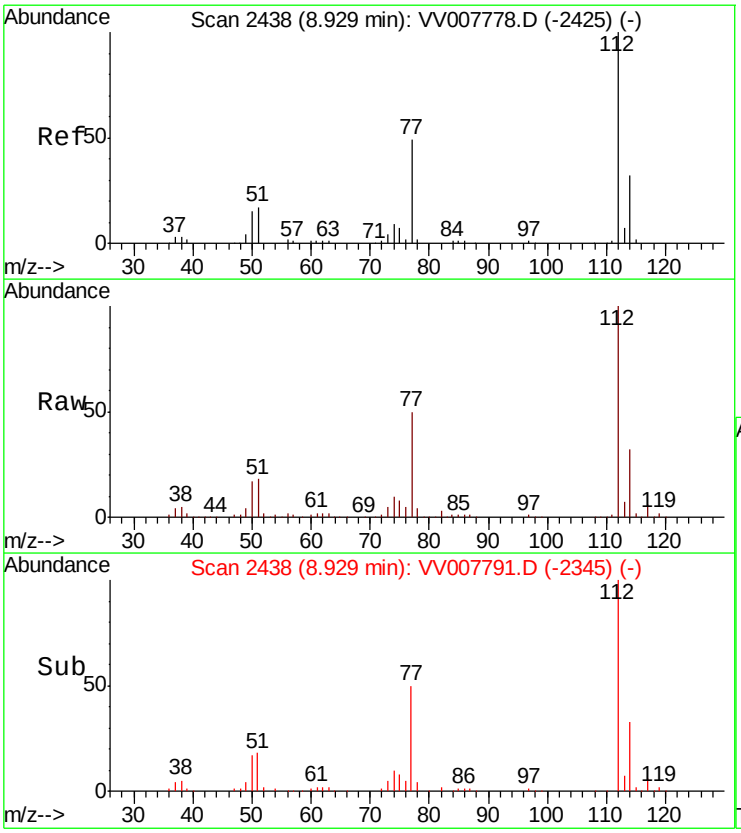
#45
1,1,2-Trichloroethane
Concen: 1.497 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.05 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument : MSVOA_V
ClientSampleId : E8JB4MSD

Tgt Ion: 97 Resp: 1870

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	10.0	58.2	108.0#
85	0.0	38.0	70.6#

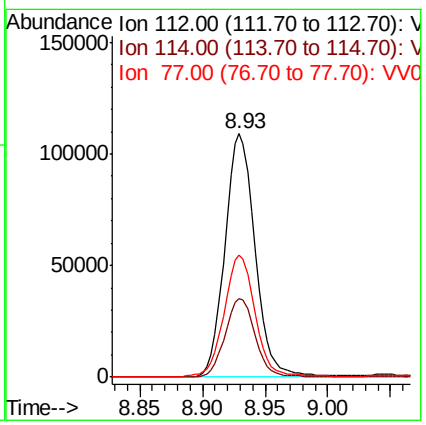


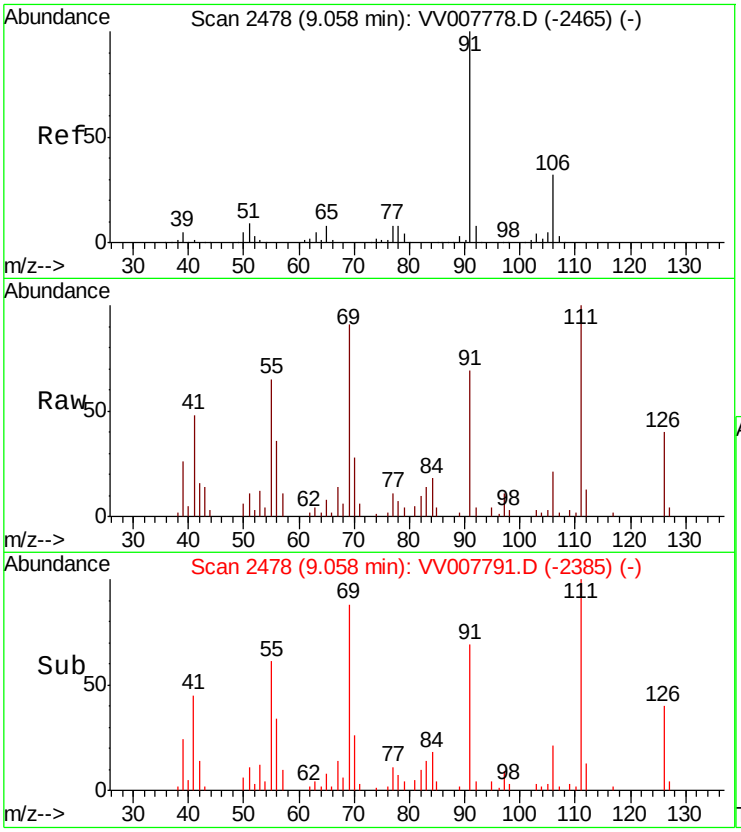


#51
Chlorobenzene
Concen: 48.288 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion:112 Resp: 182067

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	50.2	40.6	60.8



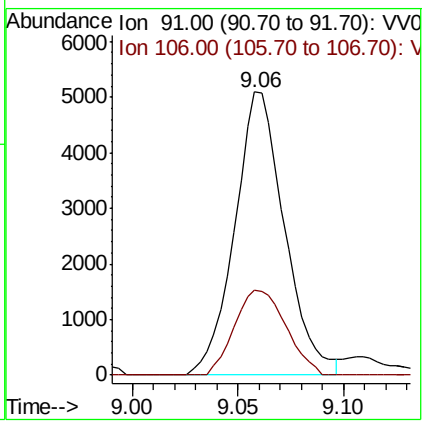


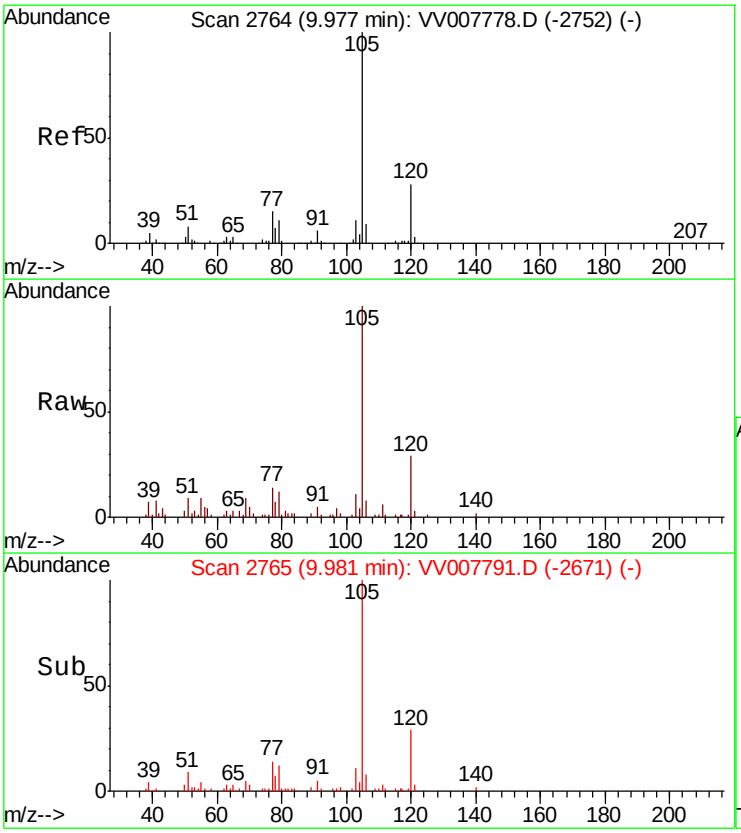
#52
Ethylbenzene
Concen: 1.415 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion: 91 Resp: 8372

Ion	Ratio	Lower	Upper
91	100		
106	29.8	22.7	42.1

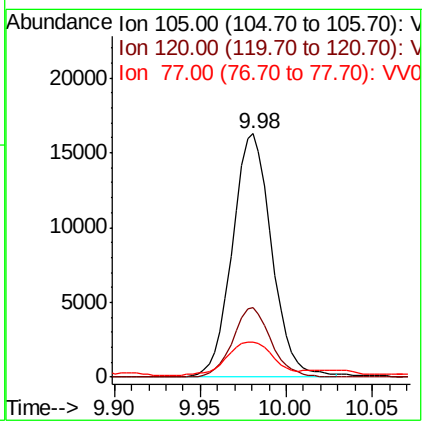


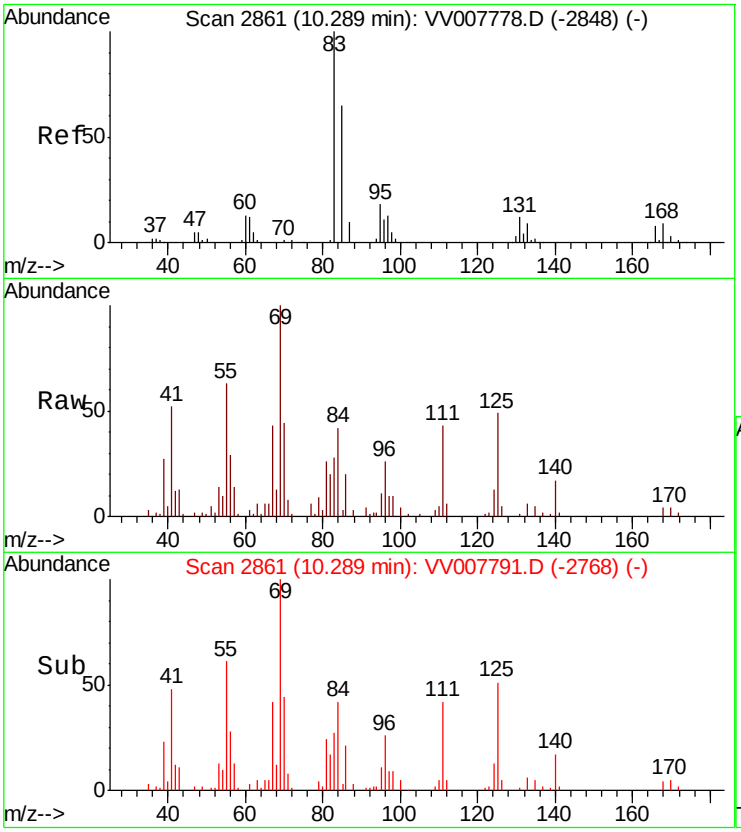


#56
Isopropylbenzene
Concen: 4.152 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion:105 Resp: 25864

Ion	Ratio	Lower	Upper
105	100		
120	27.8	22.0	33.0
77	15.9	12.1	18.1



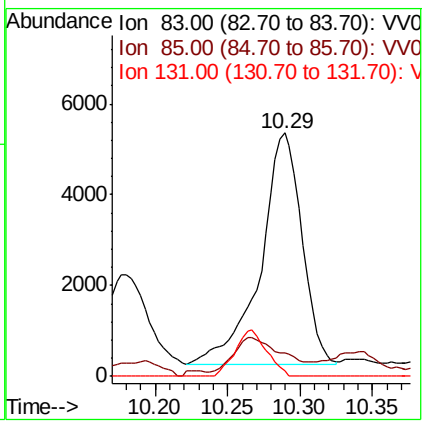


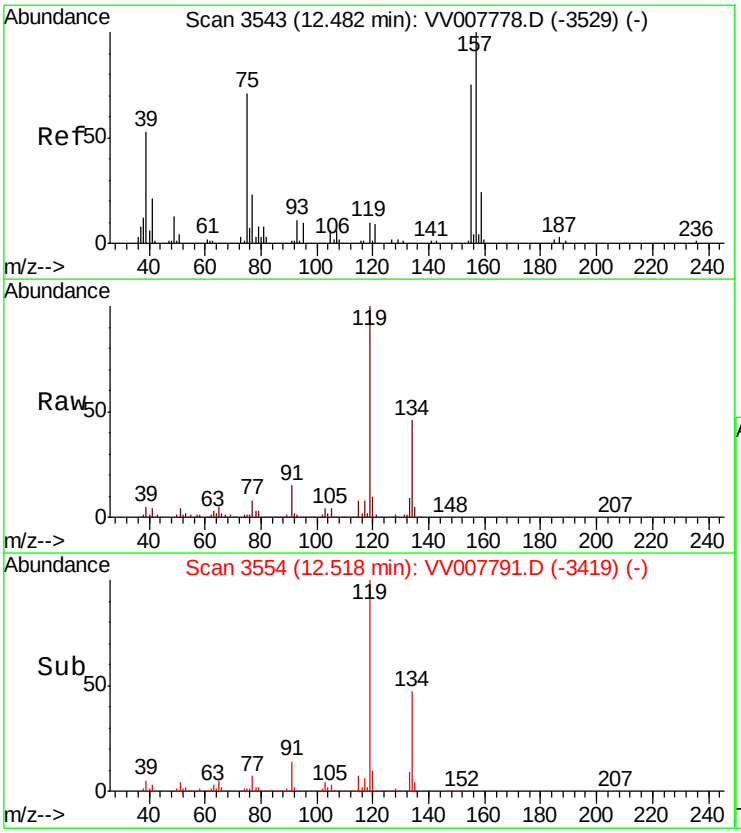
#58
1,1,2,2-Tetrachloroethane
Concen: 5.063 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument : MSVOA_V
ClientSampleId : E8JB4MSD

Tgt Ion: 83 Resp: 10065

Ion	Ratio	Lower	Upper
83	100		
85	9.6	45.4	84.4#
131	2.3	9.8	14.8#

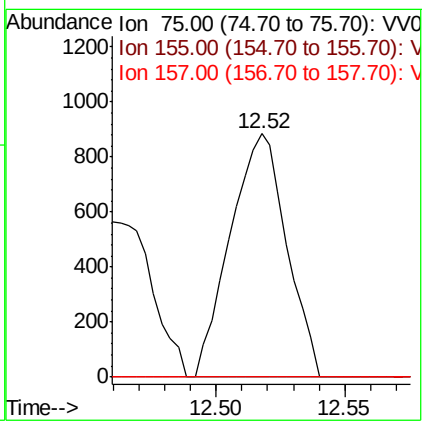


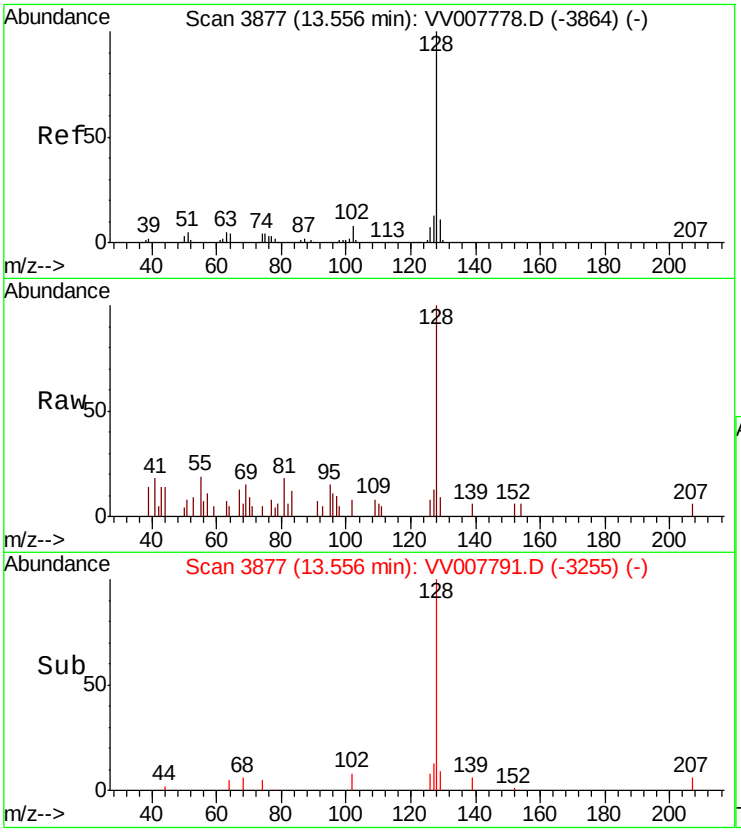


#66
1,2-Dibromo-3-chloropropane
Concen: 3.169 ug/L
RT: 12.52 min Scan# 3554
Delta R.T. 0.04 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 75 Resp: 1346

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





#69
Naphthalene
Concen: 0.643 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tgt Ion:128 Resp: 4317

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	15.8
129	7.8	8.6	13.0#