Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Quant Time: Oct 09 07:34:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309927	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160768	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	132721	47.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.26%			
7) Chloroethane-d5	1.58	69	109165	48.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.32%			
11) 1,1-Dichloroethene-d2	2.12	63	199626	36.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.54%			
21) 2-Butanone-d5	3.90	46	189116	109.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.37%			
24) Chloroform-d	4.37	84	234518	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.05	65	165118	49.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.06%			
32) Benzene-d6	5.07	84	467298	46.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.48%			
36) 1,2-Dichloropropane-d6	6.09	67	159113	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.62%			
41) Toluene-d8	7.34	98	408532	46.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.08%			
43) trans-1,3-Dichloropropene-	7.64	79	69880	43.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.72%			
47) 2-Hexanone-d5	8.11	63	105220	92.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.10%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154756	41.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.54%			
64) 1,2-Dichlorobenzene-d4	11.65	152	177465	49.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.76%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1716	0.770	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1894	0.883	ug/L #	1
19) 1,1-Dichloroethane	3.22	63	4442	1.000	ug/L #	81
20) cis-1,2-Dichloroethene	3.94	96	30637	12.803	ug/L	98
29) Cyclohexane	4.70	56	5096	1.355	ug/L #	61
30) 1,1,1-Trichloroethane	4.64	97	56309	13.601	ug/L	99
31) Carbon tetrachloride	4.64	117	7053	2.021	ug/L	98
35) Methylcyclohexane	6.09	83	37360	10.765	ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	4272	1.117	ug/L #	66
42) Toluene	7.41	91	561703	55.492	ug/L	97
46) Tetrachloroethene	8.00	164	1510	0.726	ug/L	83
48) 2-Hexanone	8.16	43	16012	5.766	ug/L #	84
52) Ethylbenzene	9.04	91	19558	1.701	ug/L	97
53) m,p-Xylene	9.16	106	23265	5.514	ug/L	100
54) o-xylene	9.57	106	12515	3.123	ug/L	95
59) 1,2,3-Trichloropropane	11.27	75	20973	6.511	ug/L	92
63) 1,4-Dichlorobenzene	11.30	146	3819	0.700	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Quant Time: Oct 09 07:34:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.53	128	12570	1.397	ug/L	98

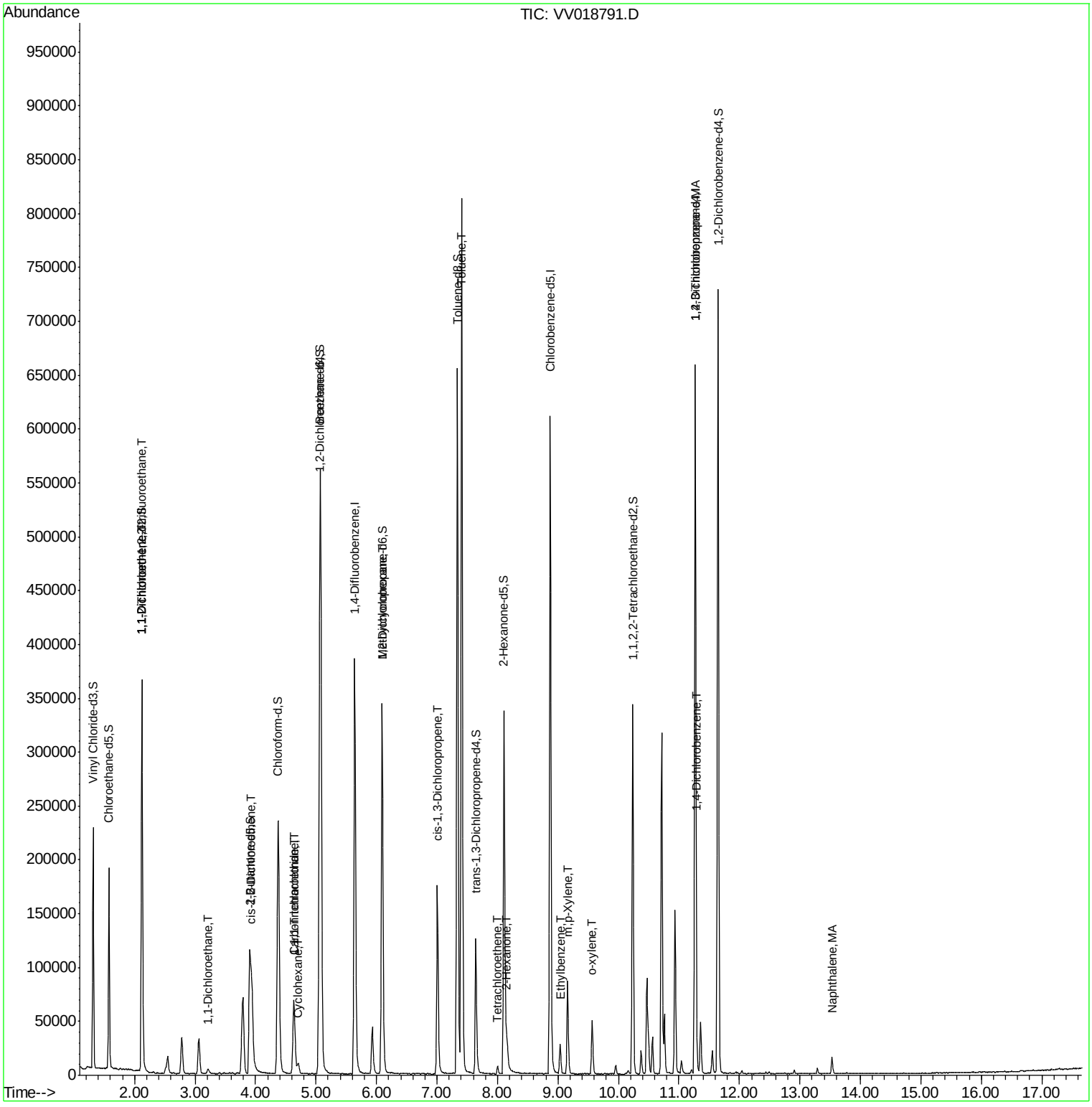
(#) = qualifier out of range (m) = manual integration (+) = signals summed

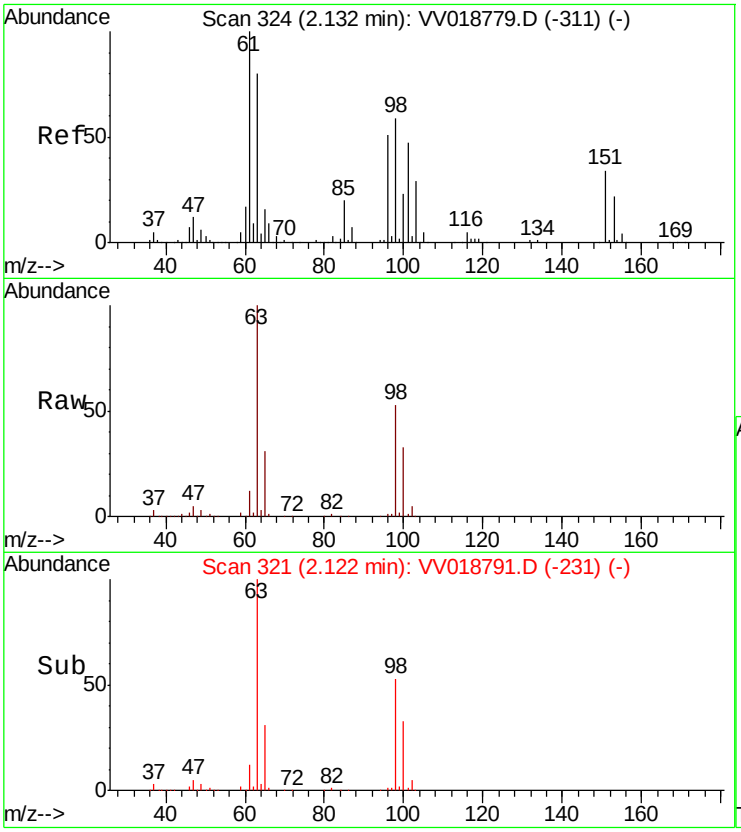
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Quant Time: Oct 09 07:34:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration



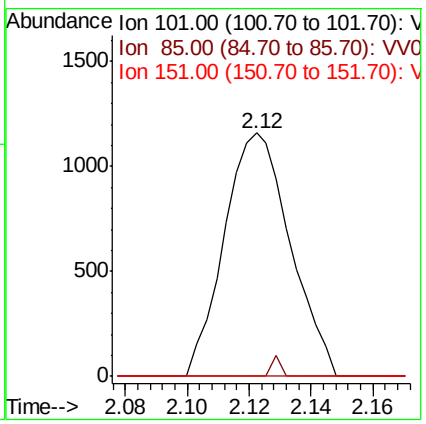


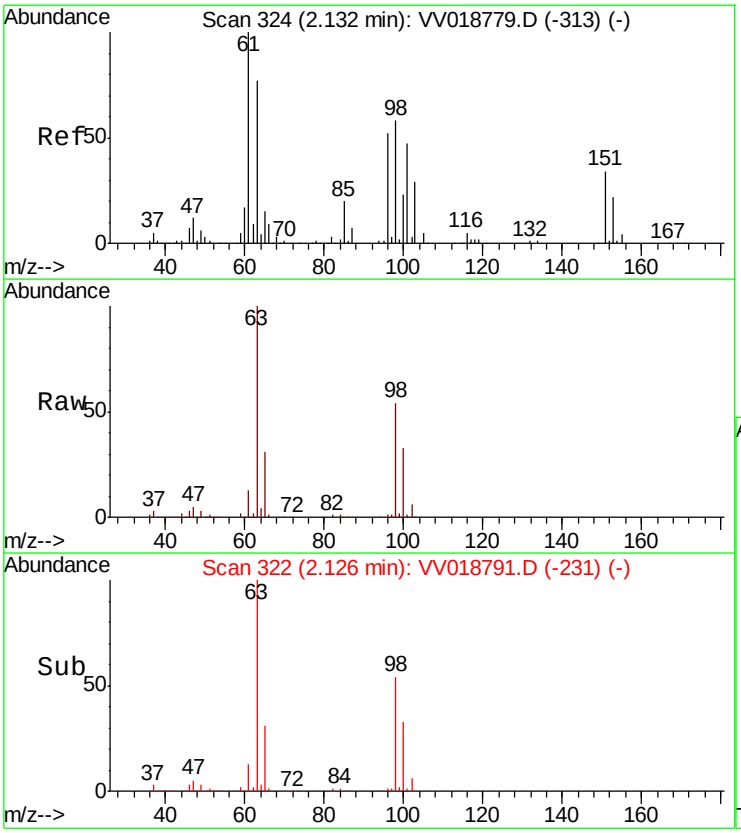
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.770 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Tgt Ion:101 Resp: 1716

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	0.0	59.8	89.8#

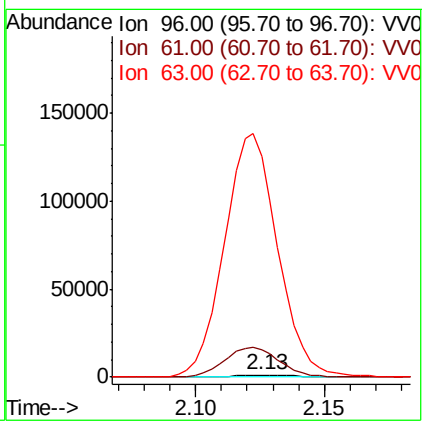


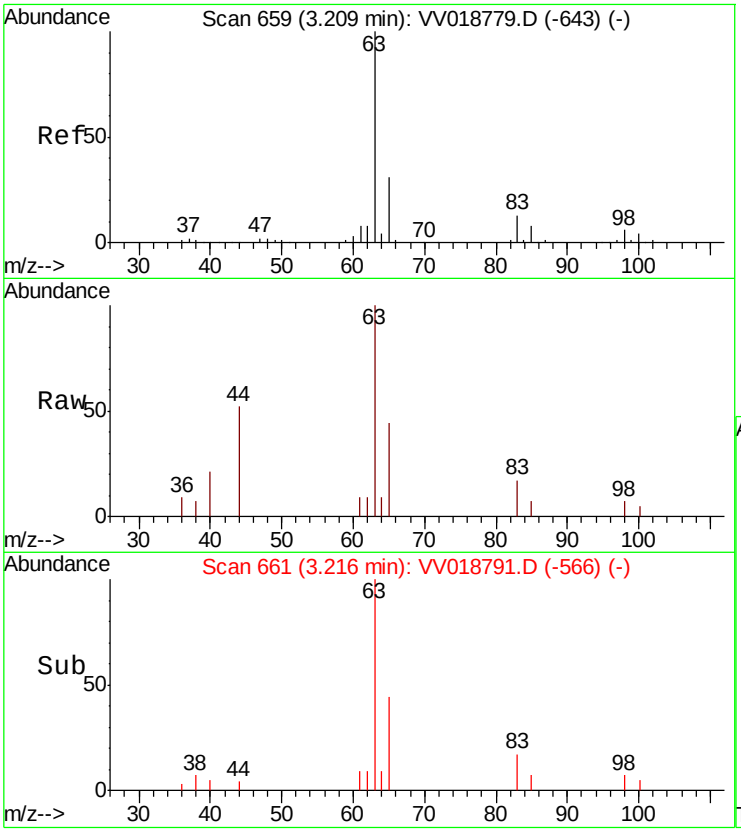


#12
1,1-Dichloroethene
Concen: 0.883 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 96 Resp: 1894

Ion	Ratio	Lower	Upper
96	100		
61	1516.6	133.6	248.0#
63	12050.1	108.4	201.4#



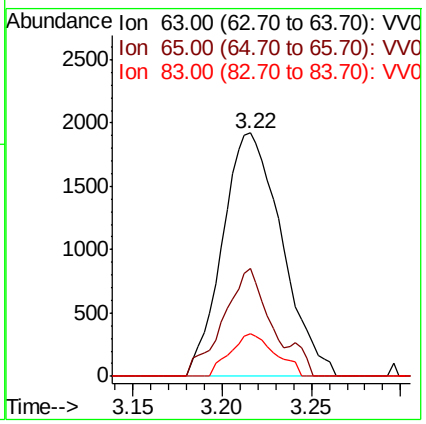


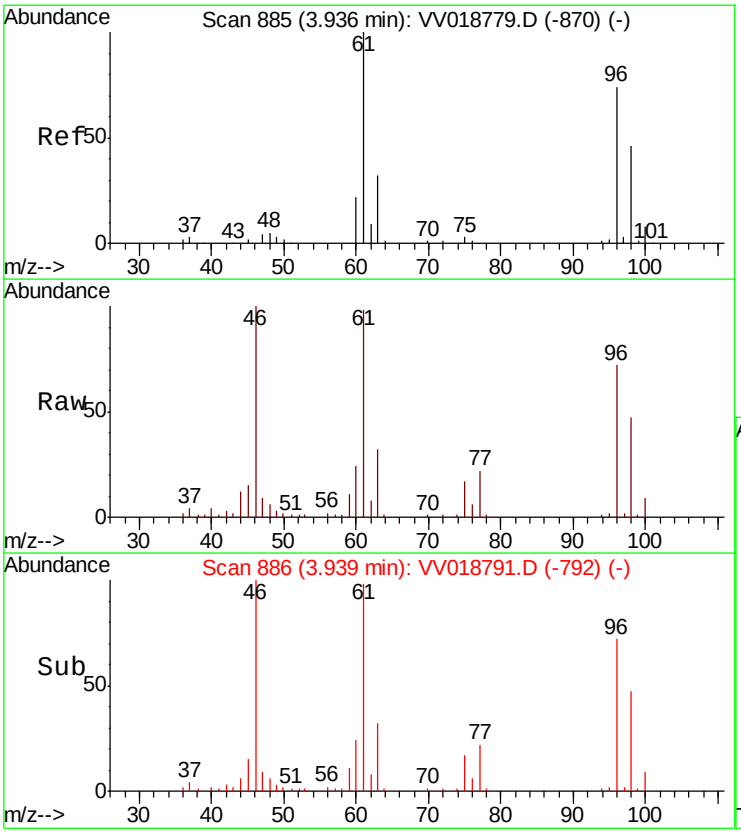
#19
1,1-Dichloroethane
Concen: 1.000 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

Tgt Ion: 63 Resp: 4442

Ion	Ratio	Lower	Upper
63	100		
65	44.1	22.0	40.8#
83	17.4	9.2	17.0#

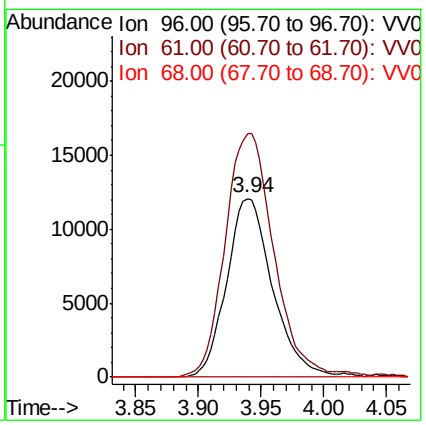


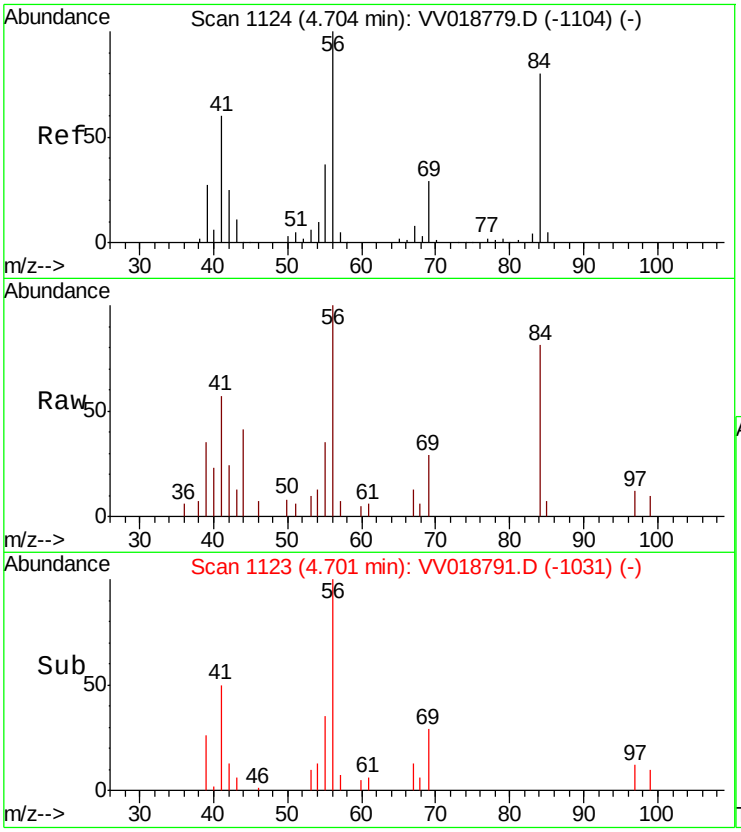


#20
cis-1,2-Dichloroethene
Concen: 12.803 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 96 Resp: 30637

Ion	Ratio	Lower	Upper
96	100		
61	136.1	97.3	180.7
68	0.0	0.0	0.0



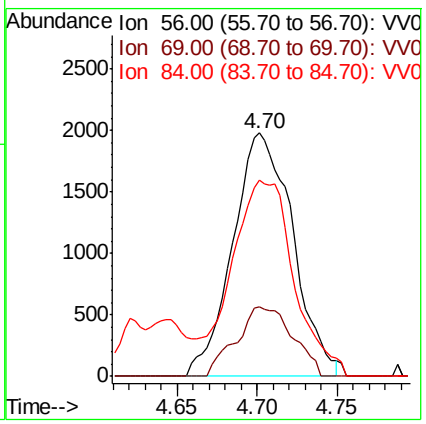


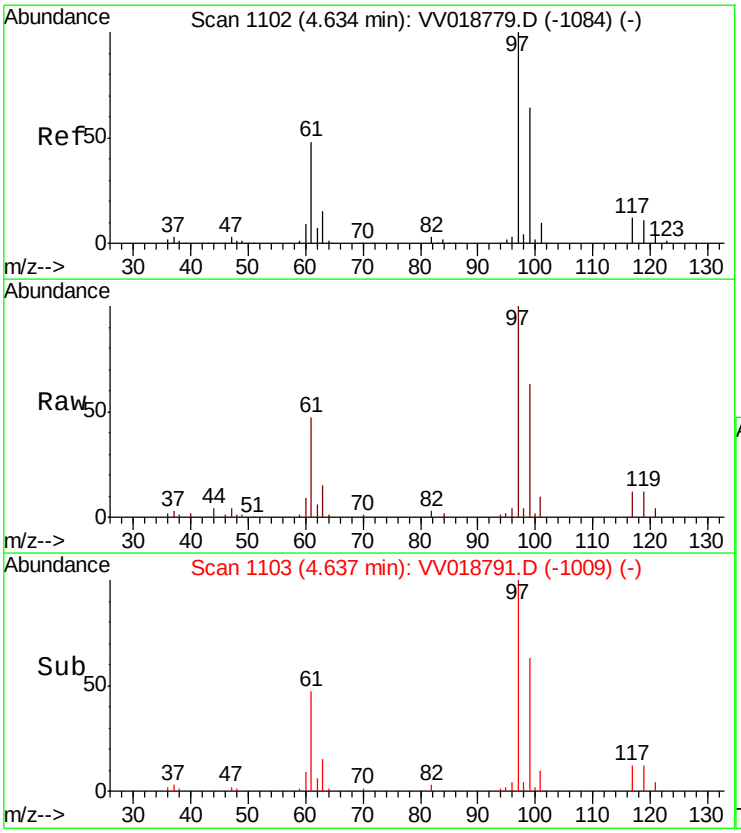
#29
Cyclohexane
Concen: 1.355 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Tgt Ion: 56 Resp: 5096

Ion	Ratio	Lower	Upper
56	100		
69	26.9	23.1	34.7
84	35.6	65.2	97.8#

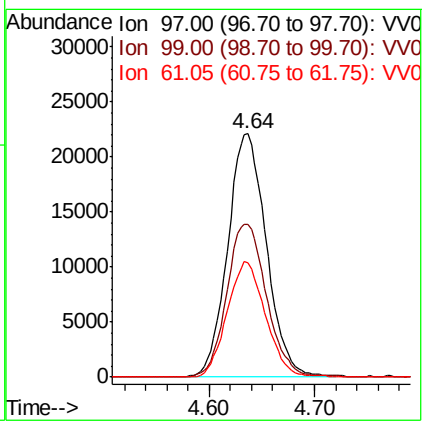


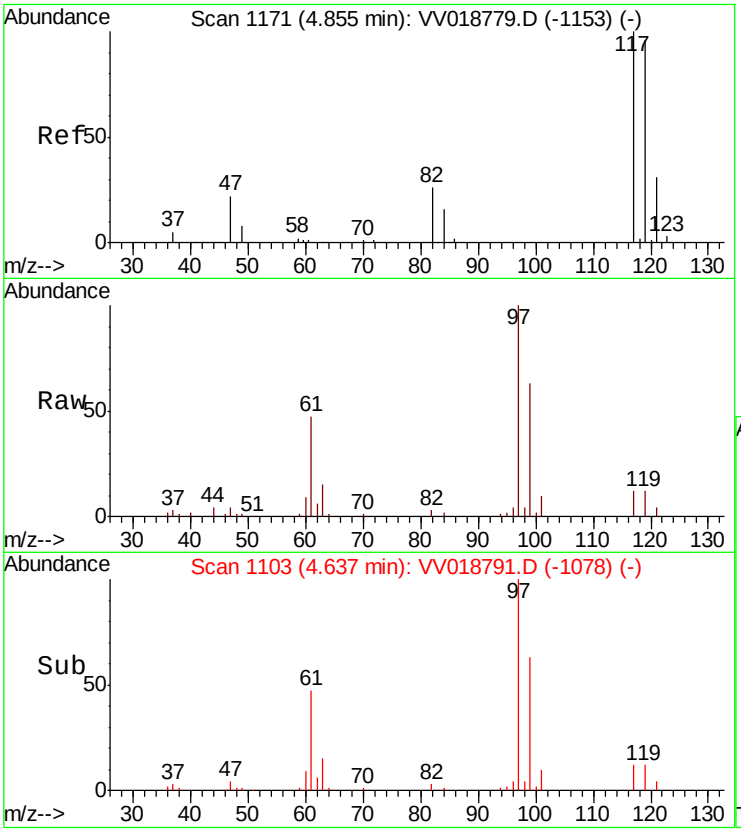


#30
1,1,1-Trichloroethane
Concen: 13.601 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 97 Resp: 56309

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	46.9	37.0	55.4



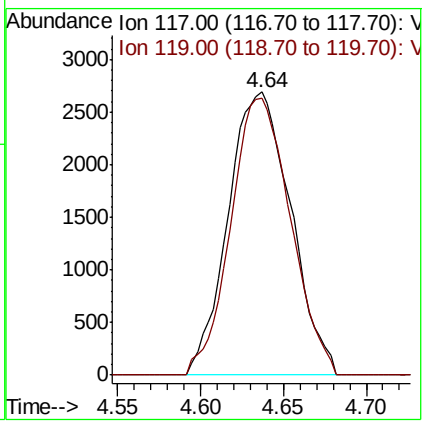


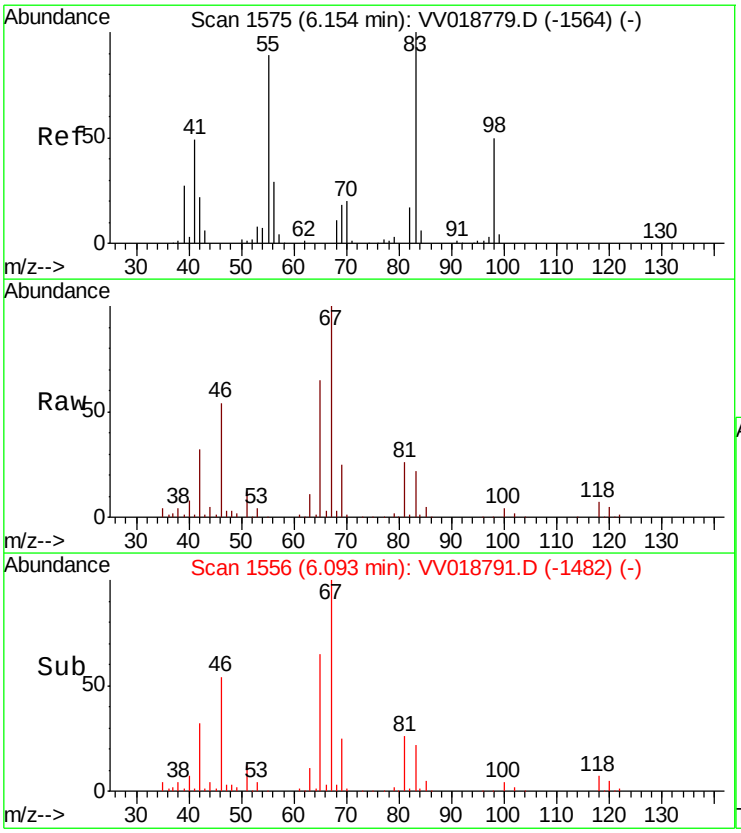
#31
Carbon tetrachloride
Concen: 2.021 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.22 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

Tgt Ion:117 Resp: 7053

Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.3	114.5

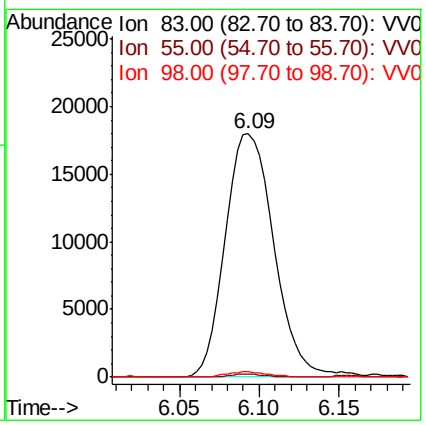


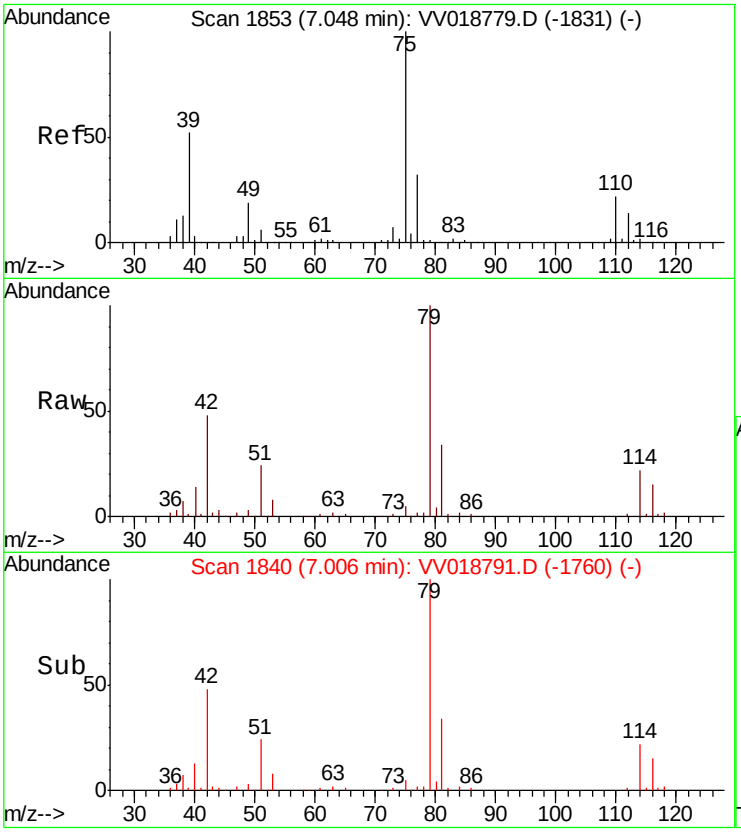


#35
Methylcyclohexane
Concen: 10.765 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 83 Resp: 37360

Ion	Ratio	Lower	Upper
83	100		
55	0.8	67.0	100.4#
98	1.8	38.8	58.2#



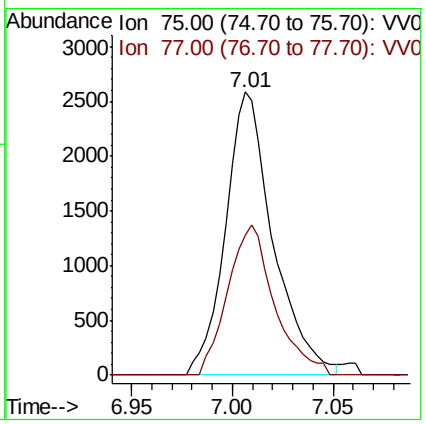


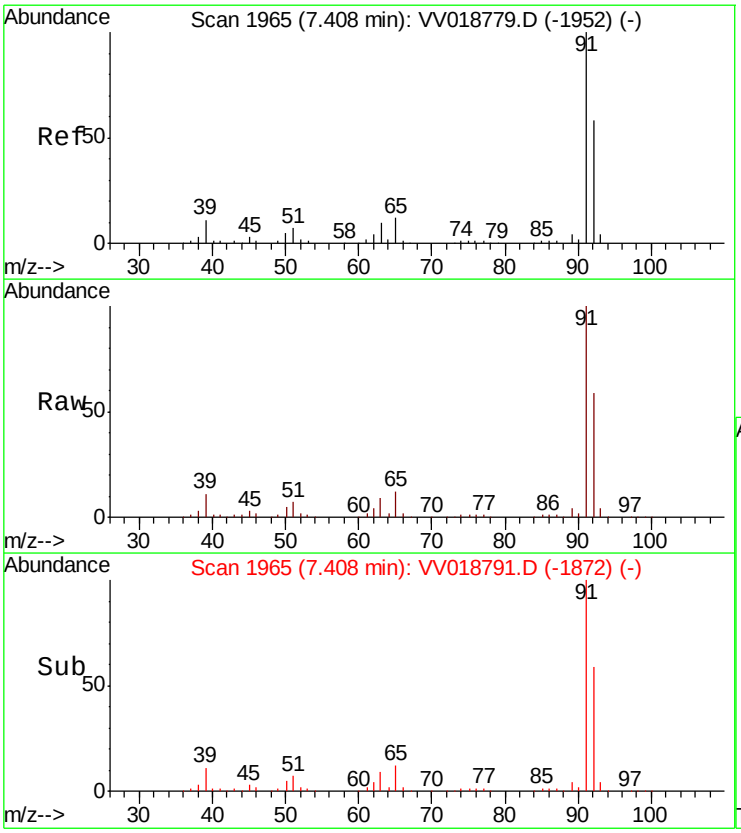
#39
cis-1,3-Dichloropropene
Concen: 1.117 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Tgt Ion: 75 Resp: 4272

Ion	Ratio	Lower	Upper
75	100		
77	49.7	21.8	40.6#

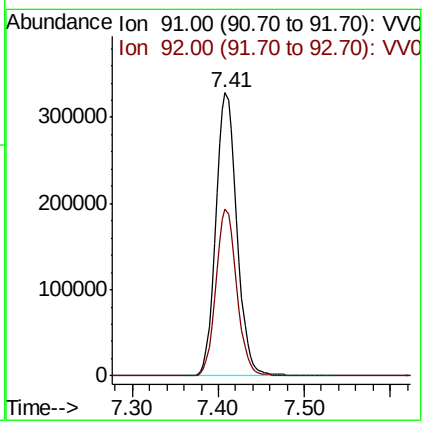


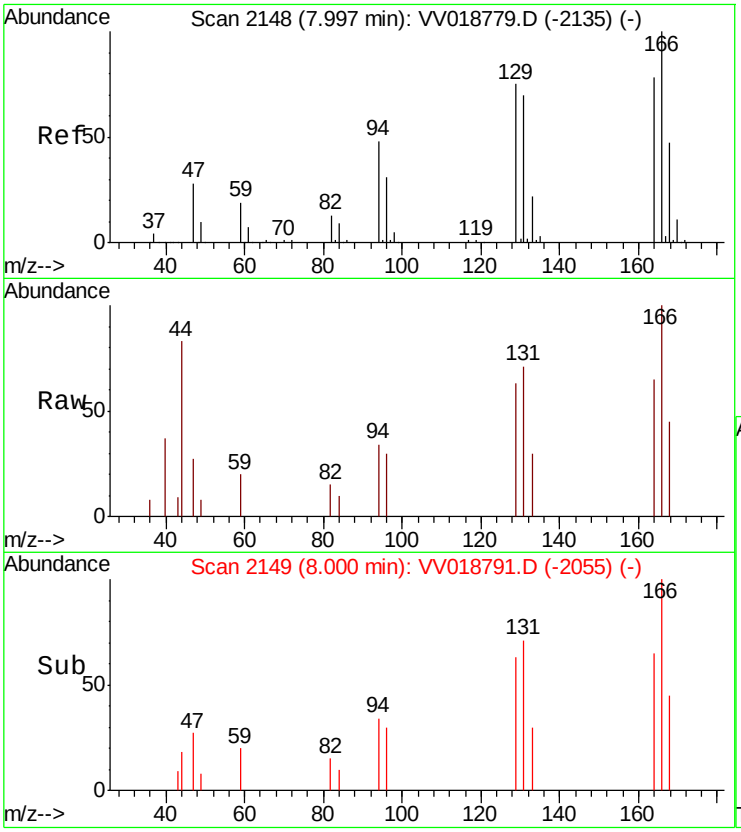


#42
Toluene
Concen: 55.492 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 91 Resp: 561703

Ion	Ratio	Lower	Upper
91	100		
92	58.8	39.8	74.0



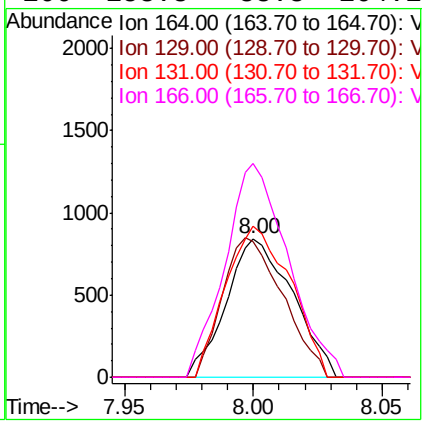


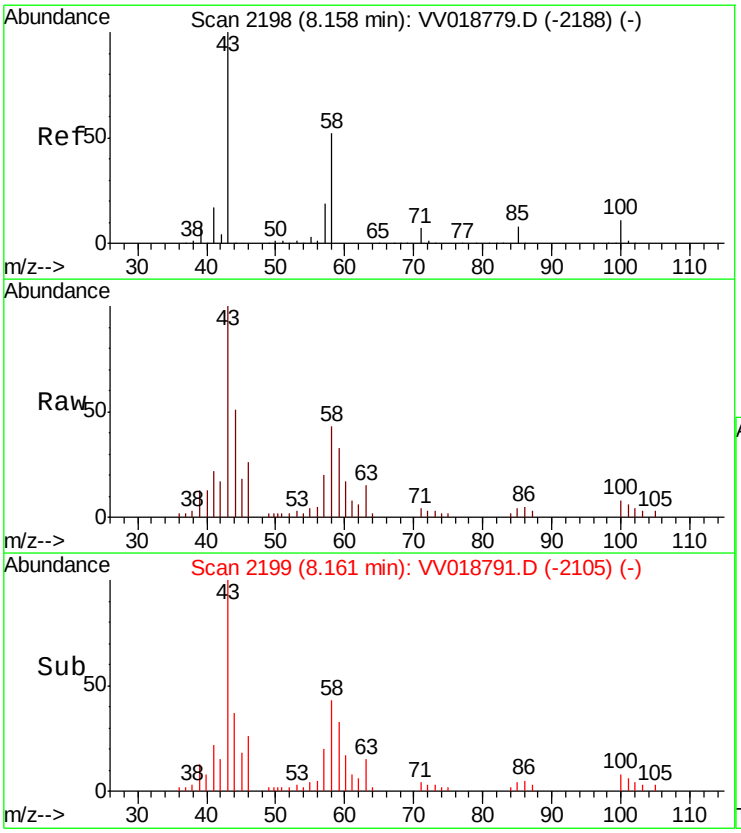
#46
Tetrachloroethene
Concen: 0.726 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Tgt Ion:164 Resp: 1510

Ion	Ratio	Lower	Upper
164	100		
129	97.5	64.6	120.0
131	108.5	63.6	118.0
166	153.8	88.3	164.1

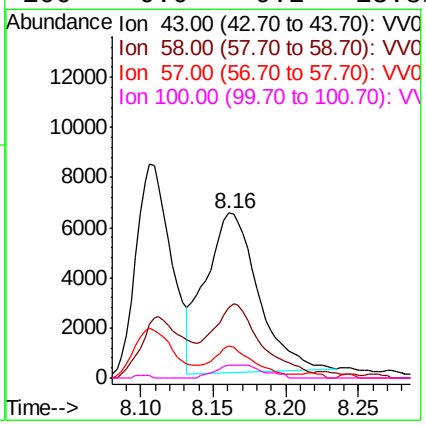


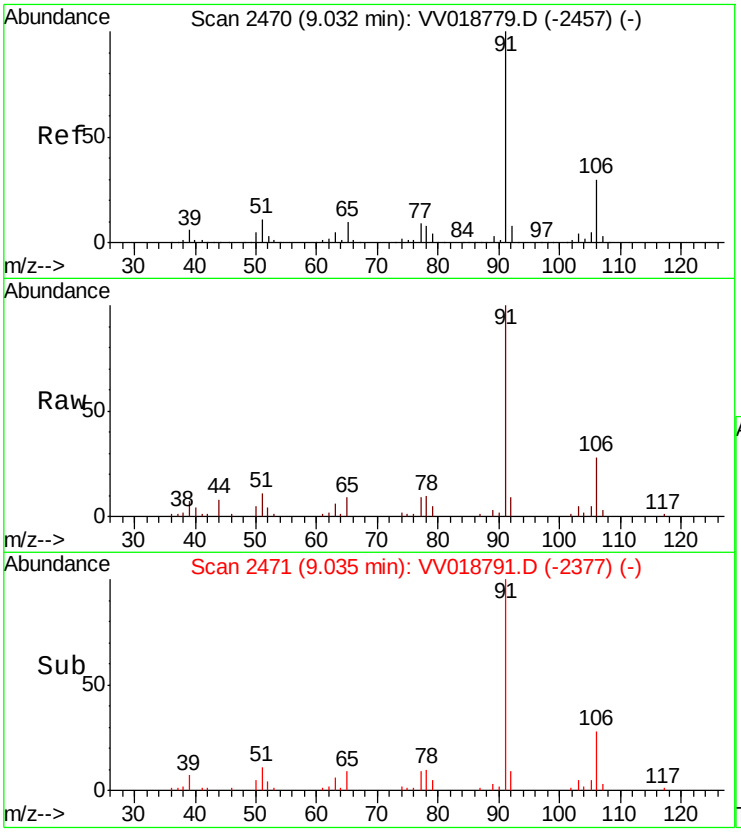


#48
2-Hexanone
Concen: 5.766 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 43 Resp: 16012

Ion	Ratio	Lower	Upper
43	100		
58	40.7	41.8	62.8#
57	15.8	14.9	22.3
100	0.0	9.2	13.8#



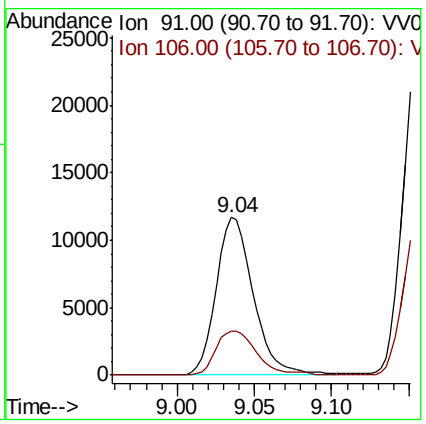


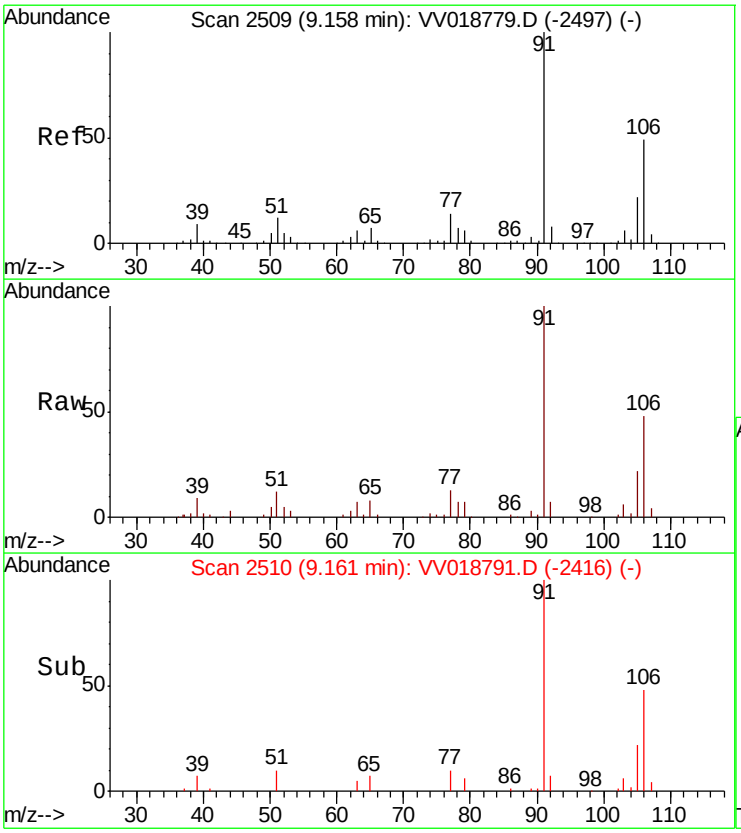
#52
Ethylbenzene
Concen: 1.701 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Tgt Ion: 91 Resp: 19558

Ion	Ratio	Lower	Upper
91	100		
106	28.1	20.9	38.9

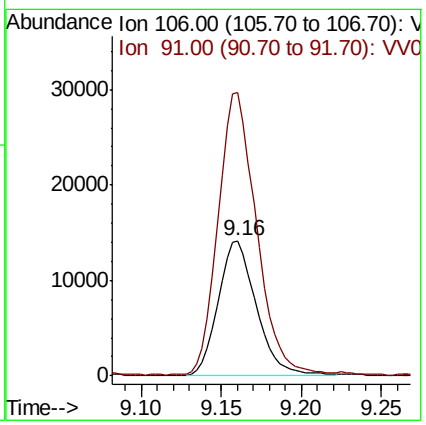


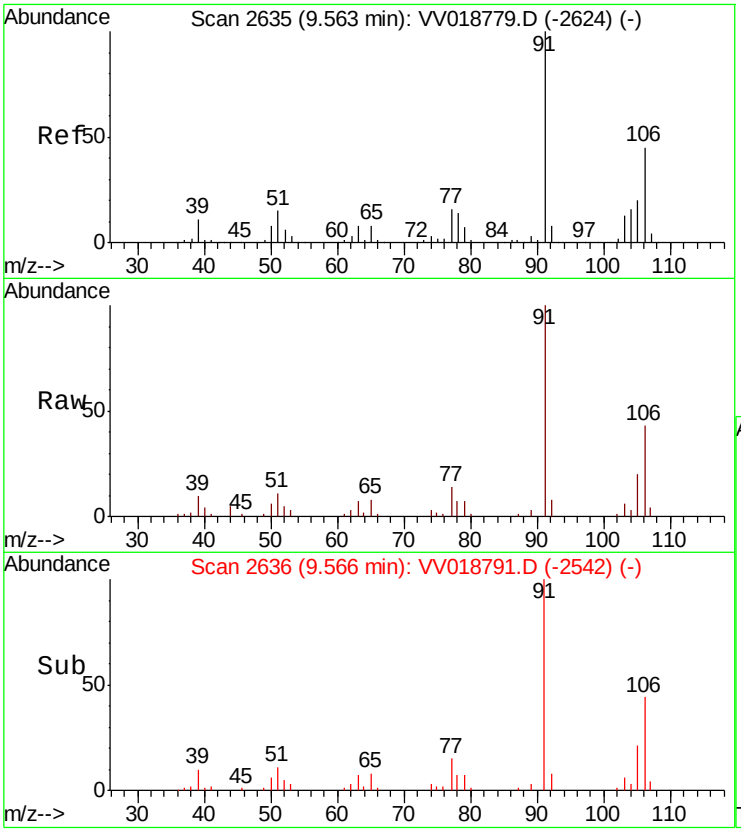


#53
m,p-Xylene
Concen: 5.514 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion:106 Resp: 23265

Ion	Ratio	Lower	Upper
106	100		
91	209.4	147.1	273.1



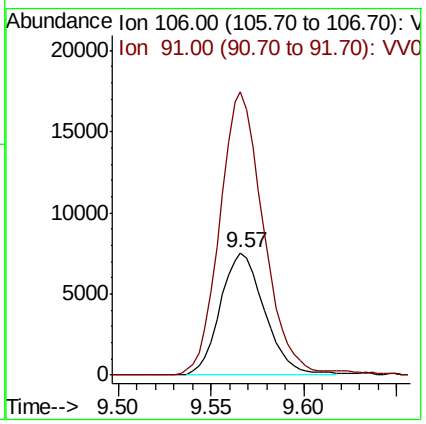


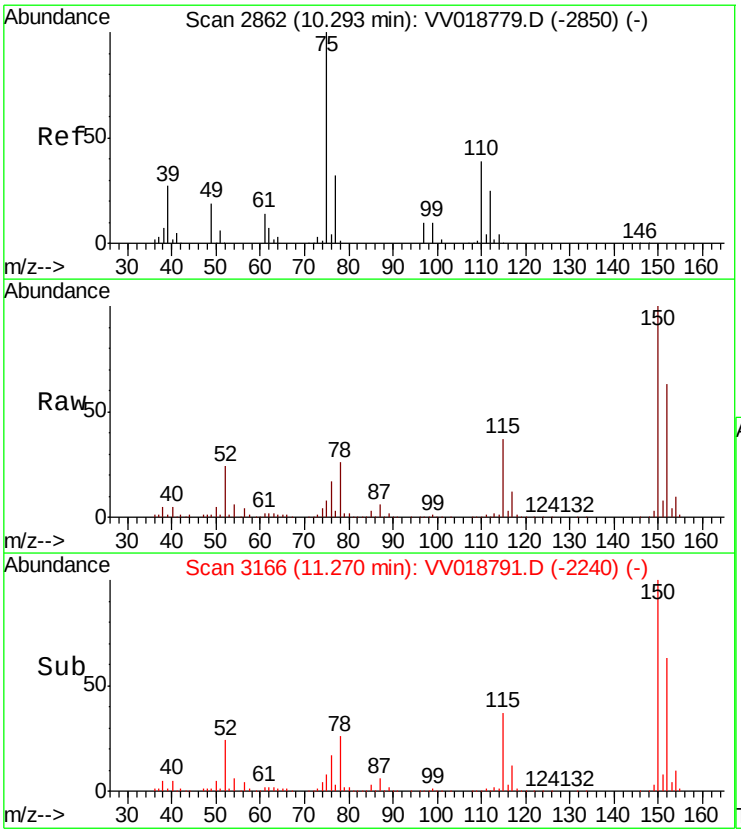
#54
o-xylene
Concen: 3.123 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

Tgt Ion:106 Resp: 12515

Ion	Ratio	Lower	Upper
106	100		
91	231.5	156.8	291.2

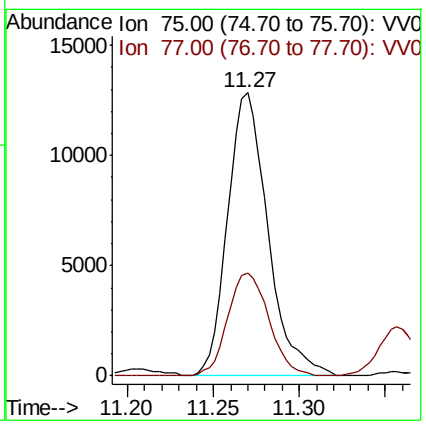


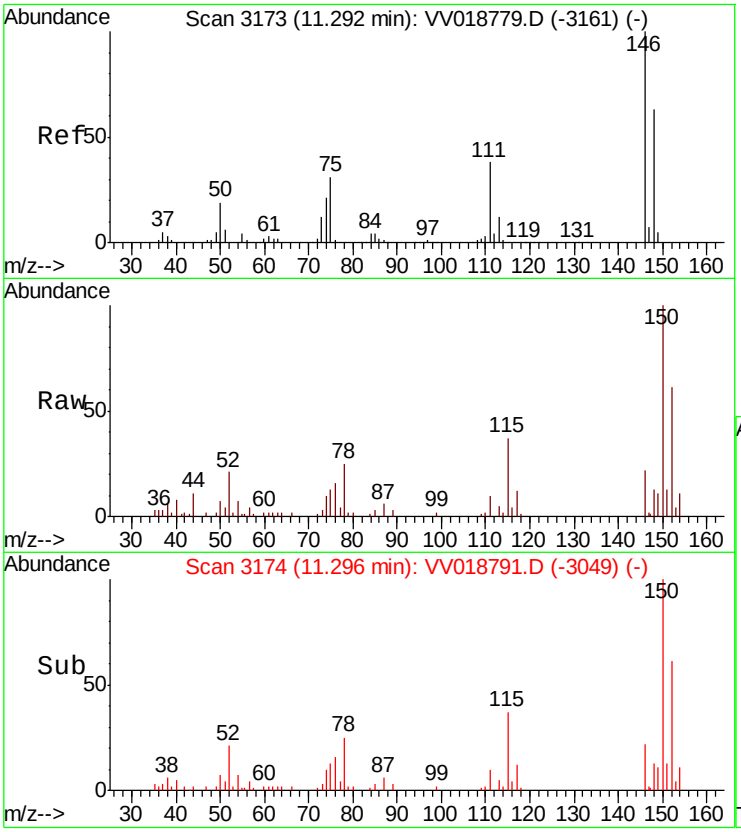


#59
1,2,3-Trichloropropane
Concen: 6.511 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion: 75 Resp: 20973

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.9	38.9



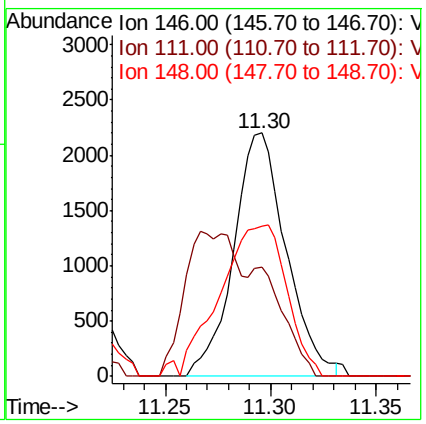


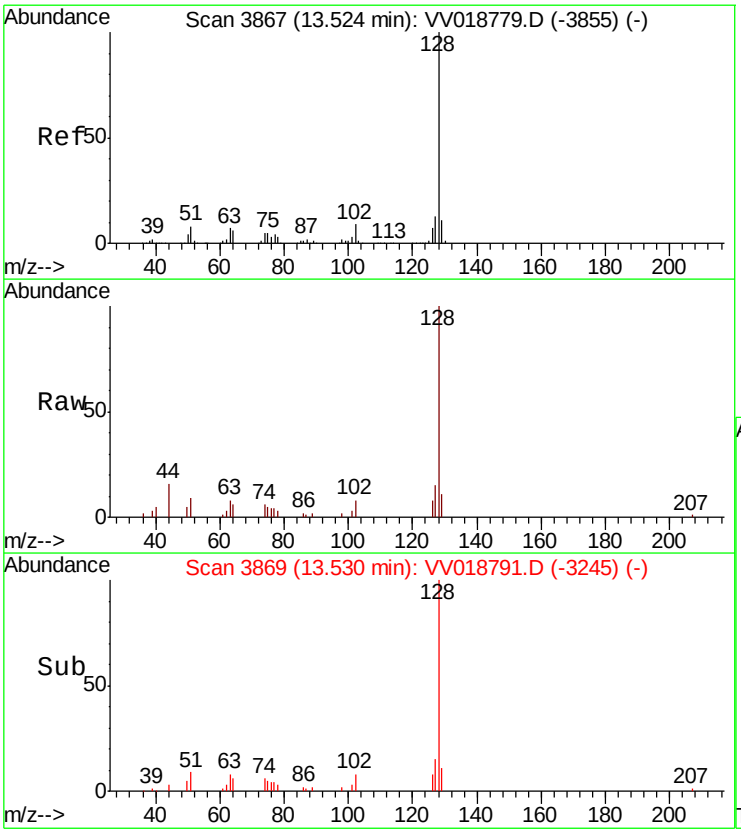
#63
1,4-Dichlorobenzene
Concen: 0.700 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Instrument : MSVOA_V
ClientSampleId : BG3W1DL

Tgt Ion:146 Resp: 3819

Ion	Ratio	Lower	Upper
146	100		
111	44.9	27.1	50.3
148	61.6	45.4	84.4





#69
Naphthalene
Concen: 1.397 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.01 min
Lab File: VV018791.D
Acq: 09 Oct 2020 03:48

Tgt Ion:128 Resp: 12570

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	10.7	8.6	13.0