Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018781.D
Acq On : 08 Oct 2020 23:50
Operator : SY/MD
Sample : L4239-07DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N8DL

Quant Time: Oct 09 07:32:33 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	307048	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	136049	48.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.52%			
7) Chloroethane-d5	1.58	69	116825	52.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.04%			
11) 1,1-Dichloroethene-d2	2.12	63	208438	38.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.50%			
21) 2-Butanone-d5	3.90	46	184531	107.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.72%			
24) Chloroform-d	4.37	84	231428	47.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.04%			
26) 1,2-Dichloroethane-d4	5.05	65	168263	50.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.86%			
32) Benzene-d6	5.07	84	469939	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.54%			
36) 1,2-Dichloropropane-d6	6.09	67	150506	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.80%			
41) Toluene-d8	7.34	98	448200	52.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.80%			
43) trans-1,3-Dichloropropene-	7.64	79	78590	51.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.34%			
47) 2-Hexanone-d5	8.11	63	111617	101.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.36%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162191	44.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.76%			
64) 1,2-Dichlorobenzene-d4	11.65	152	171079	49.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.12%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2274	1.030	ug/L #	32
12) 1,1-Dichloroethene	2.12	96	2290	1.078	ug/L #	1
19) 1,1-Dichloroethane	3.21	63	6645	1.509	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	34207	14.429	ug/L	99
25) Chloroform	4.40	83	4034	0.893	ug/L	88
29) Cyclohexane	4.70	56	2973	0.820	ug/L #	69
30) 1,1,1-Trichloroethane	4.64	97	63966	16.030	ug/L	99
42) Toluene	7.41	91	634833	65.067	ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	3840	1.017	ug/L	97
46) Tetrachloroethene	8.00	164	2762	1.379	ug/L	95
48) 2-Hexanone	8.16	43	15816	5.909	ug/L #	78
49) Dibromochloromethane	8.00	129	2618	1.022	ug/L #	10
52) Ethylbenzene	9.04	91	28224	2.547	ug/L	100
53) m,p-Xylene	9.16	106	36913	9.076	ug/L	100
54) o-xylene	9.57	106	20361	5.271	ug/L	94
69) Naphthalene	13.53	128	16833	1.929	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018781.D
Acq On : 08 Oct 2020 23:50
Operator : SY/MD
Sample : L4239-07DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N8DL

Quant Time: Oct 09 07:32:33 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)

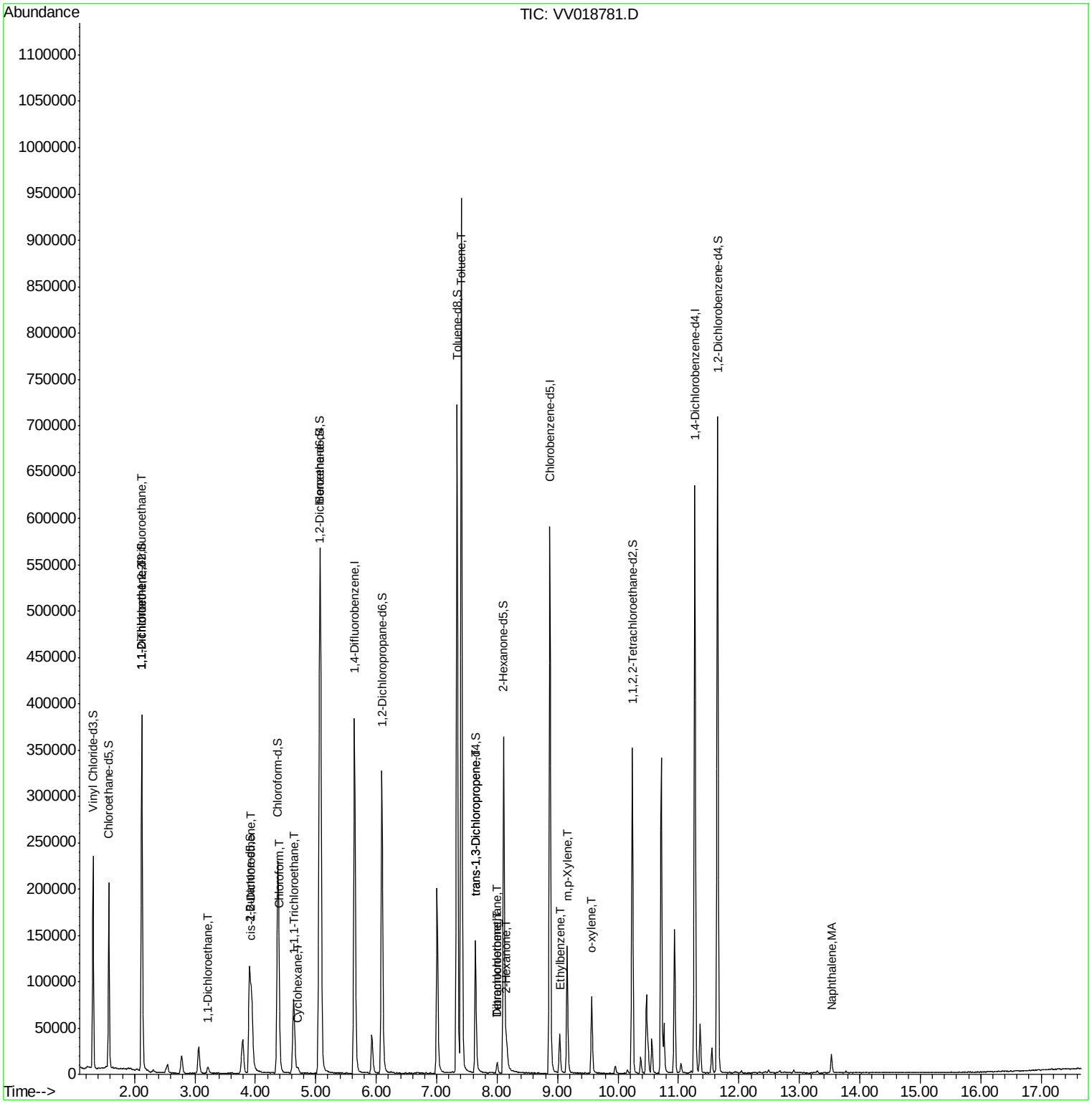
(#) = qualifier out of range (m) = manual integration (+) = signals summed

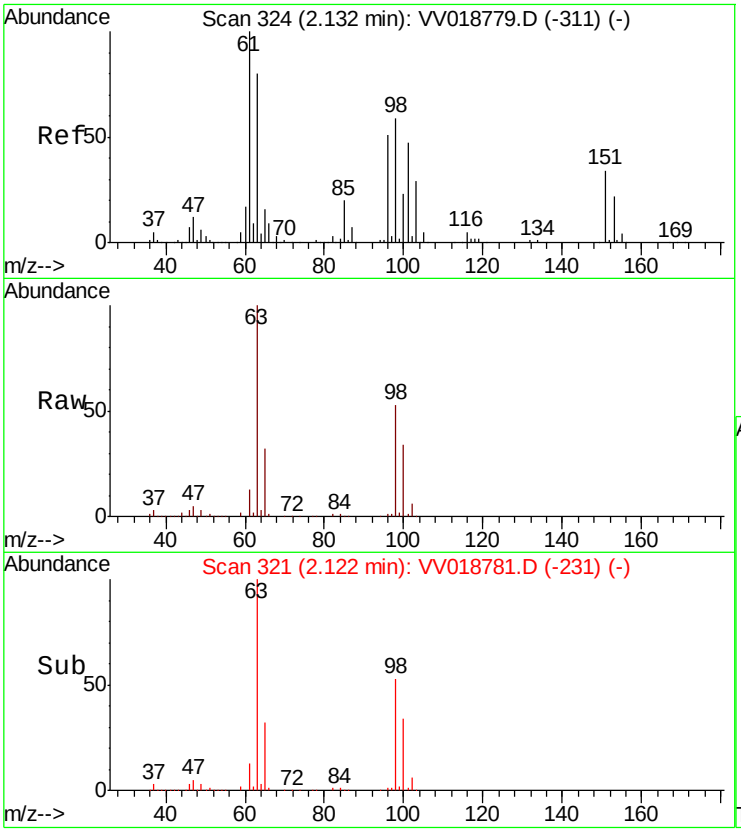
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018781.D
Acq On : 08 Oct 2020 23:50
Operator : SY/MD
Sample : L4239-07DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Quant Time: Oct 09 07:32:33 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



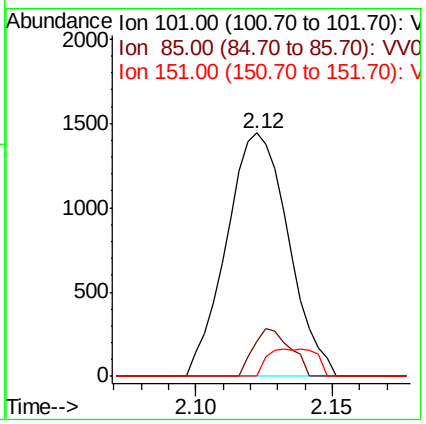


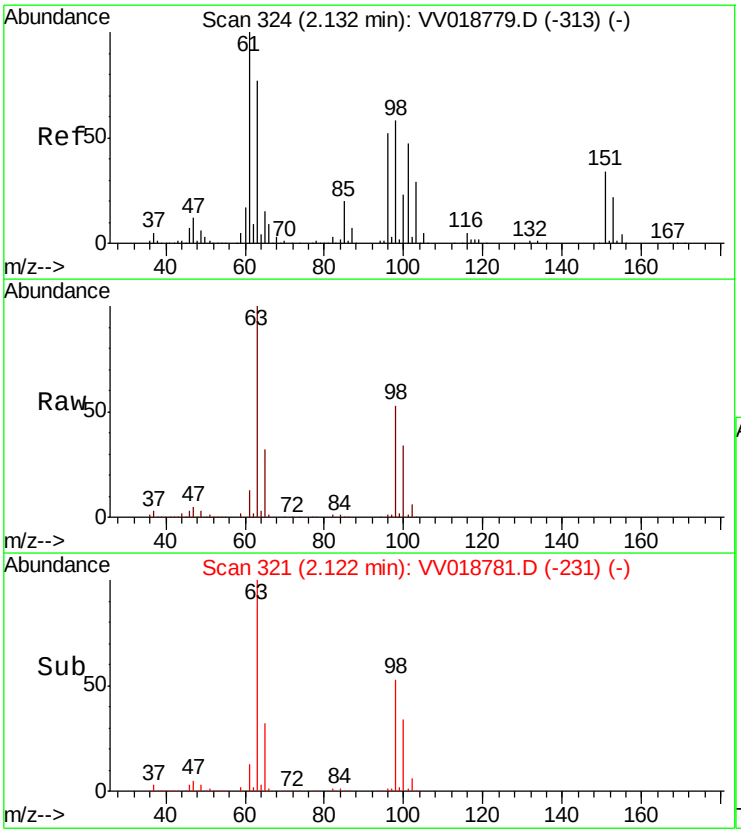
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.030 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tgt Ion:101 Resp: 2274

Ion	Ratio	Lower	Upper
101	100		
85	11.6	35.9	53.9#
151	8.7	59.8	89.8#

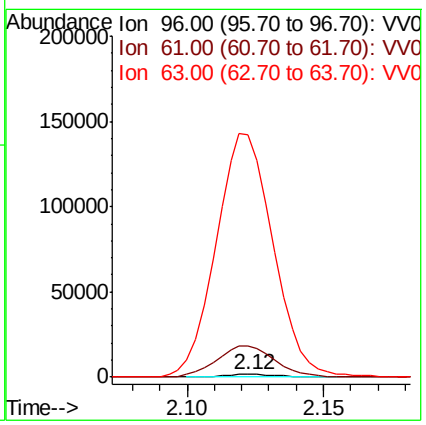


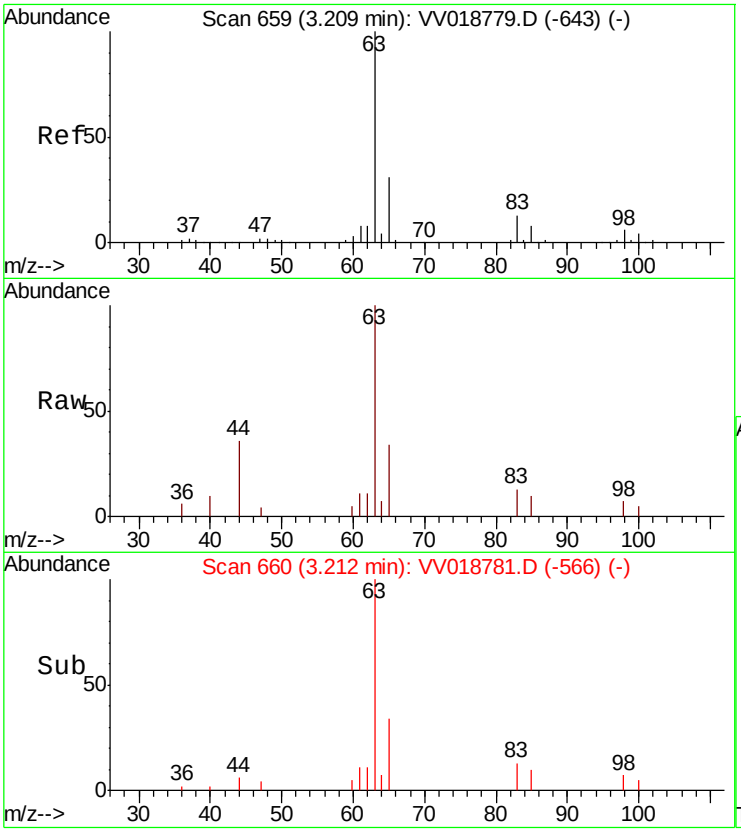


#12
1,1-Dichloroethene
Concen: 1.078 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion: 96 Resp: 2290

Ion	Ratio	Lower	Upper
96	100		
61	1236.2	133.6	248.0#
63	9559.2	108.4	201.4#



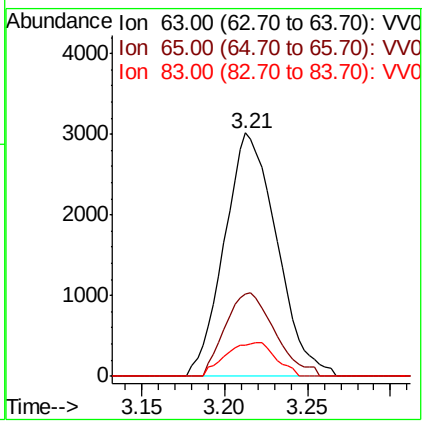


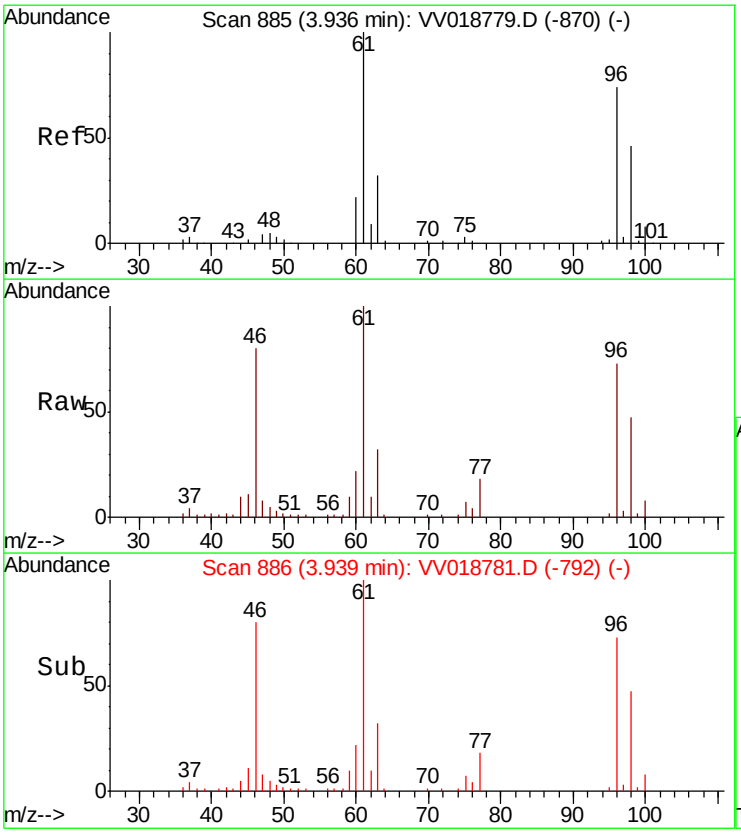
#19
1,1-Dichloroethane
Concen: 1.509 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tgt Ion: 63 Resp: 6645

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.0	40.8
83	12.7	9.2	17.0

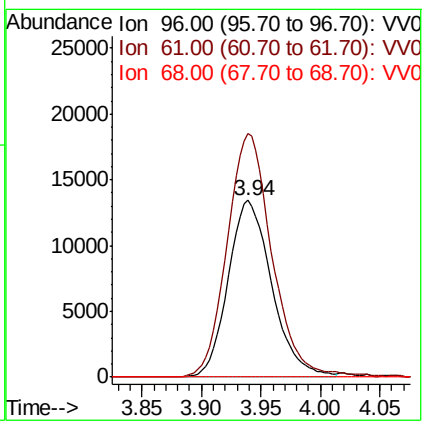


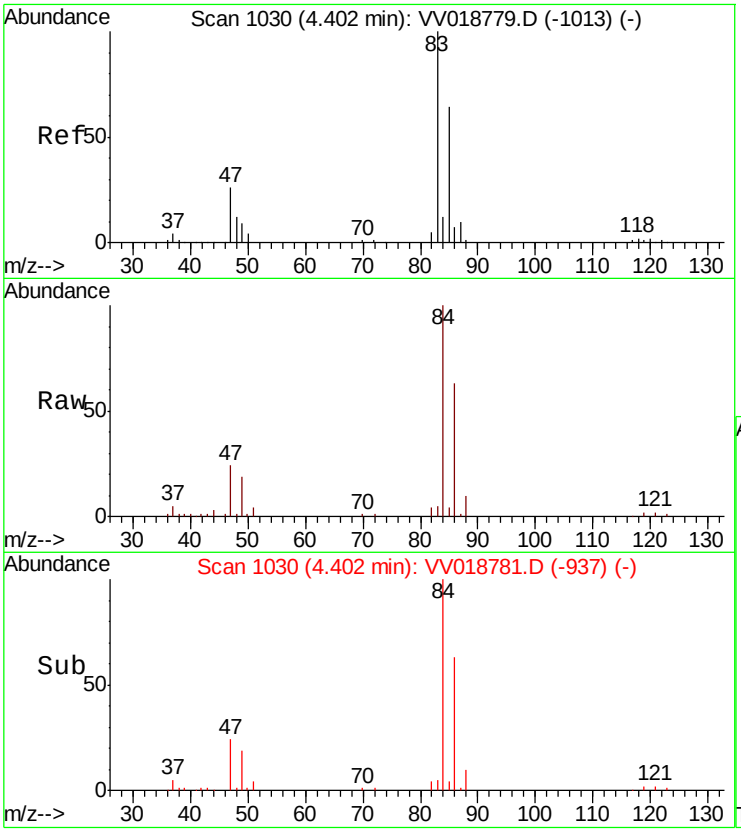


#20
cis-1,2-Dichloroethene
Concen: 14.429 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion: 96 Resp: 34207

Ion	Ratio	Lower	Upper
96	100		
61	137.8	97.3	180.7
68	0.0	0.0	0.0



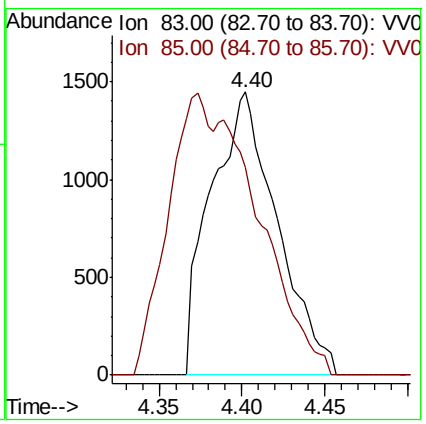


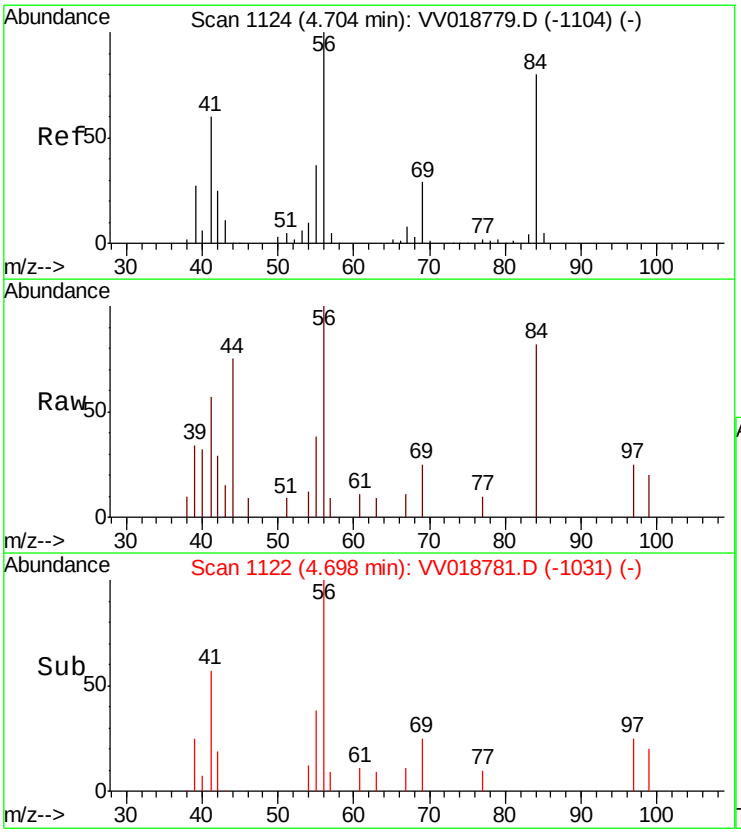
#25
Chloroform
Concen: 0.893 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tgt Ion: 83 Resp: 4034

Ion	Ratio	Lower	Upper
83	100		
85	73.4	45.0	83.6

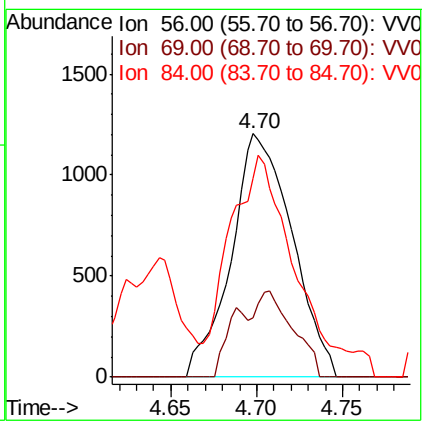


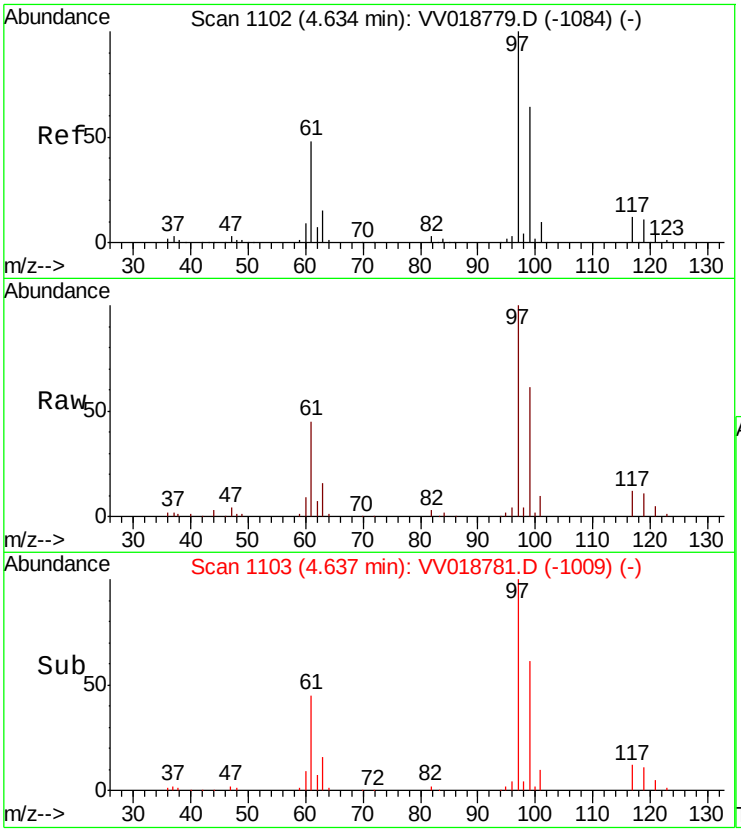


#29
Cyclohexane
Concen: 0.820 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion: 56 Resp: 2973

Ion	Ratio	Lower	Upper
56	100		
69	22.1	23.1	34.7#
84	47.9	65.2	97.8#



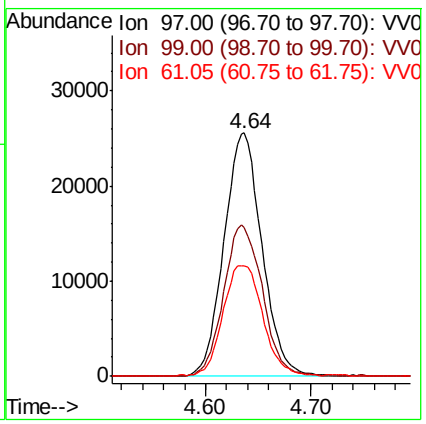


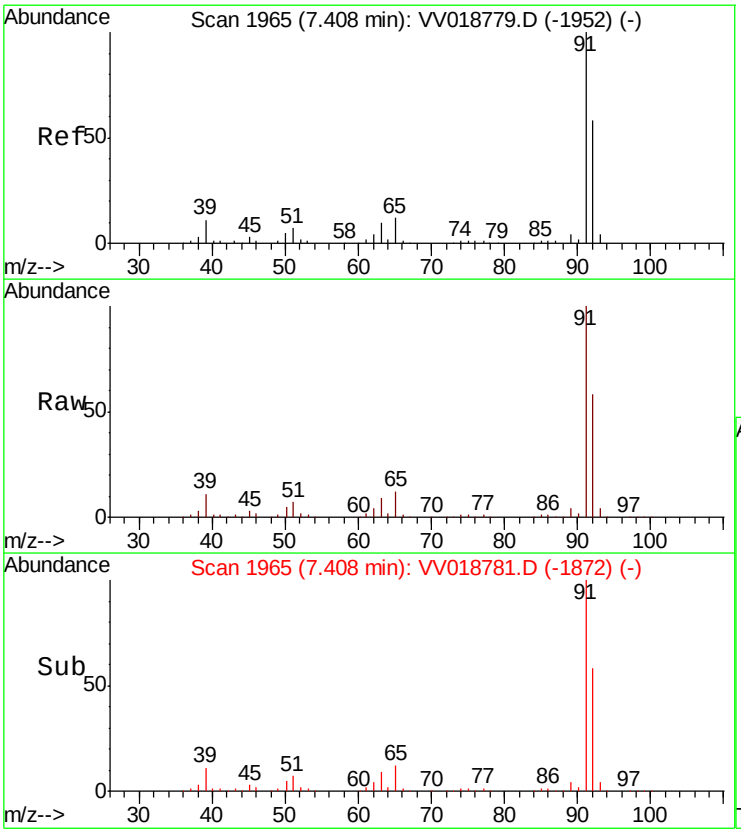
#30
1,1,1-Trichloroethane
Concen: 16.030 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tgt Ion: 97 Resp: 63966

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	47.7	37.0	55.4

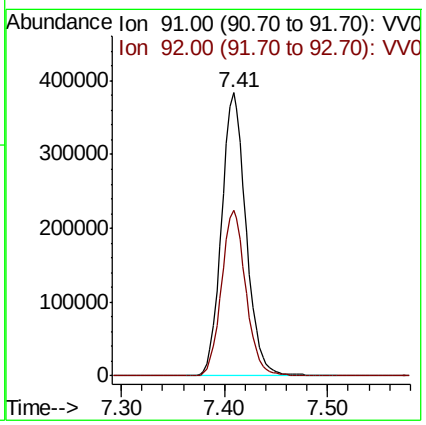


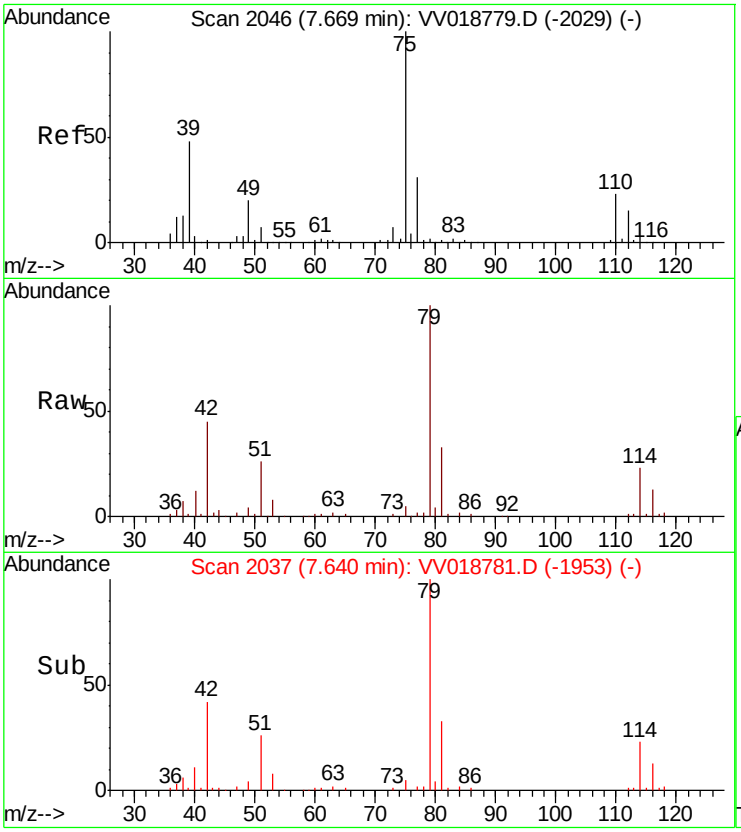


#42
Toluene
Concen: 65.067 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion: 91 Resp: 634833

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.8	74.0



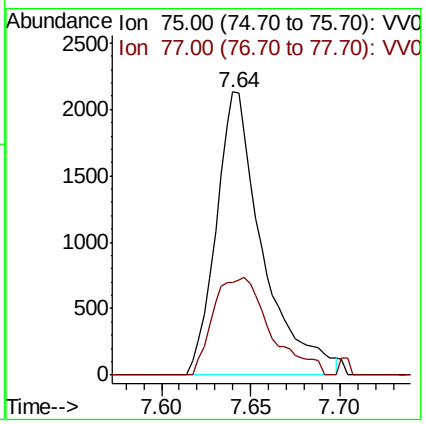


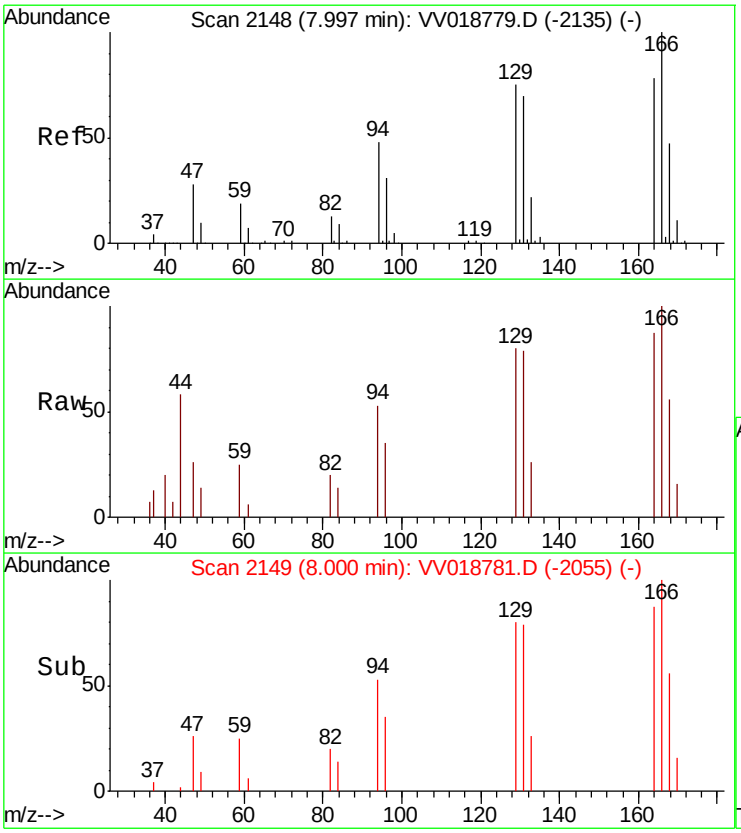
#44
trans-1,3-Dichloropropene
Concen: 1.017 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tgt Ion: 75 Resp: 3840

Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.8	40.6

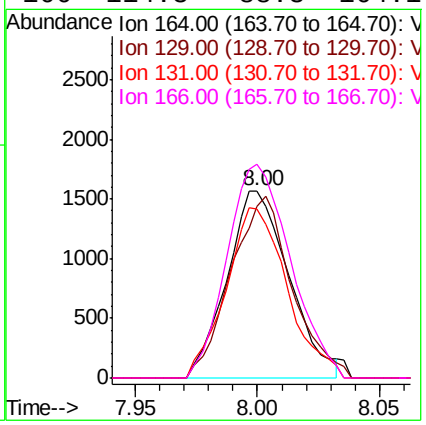


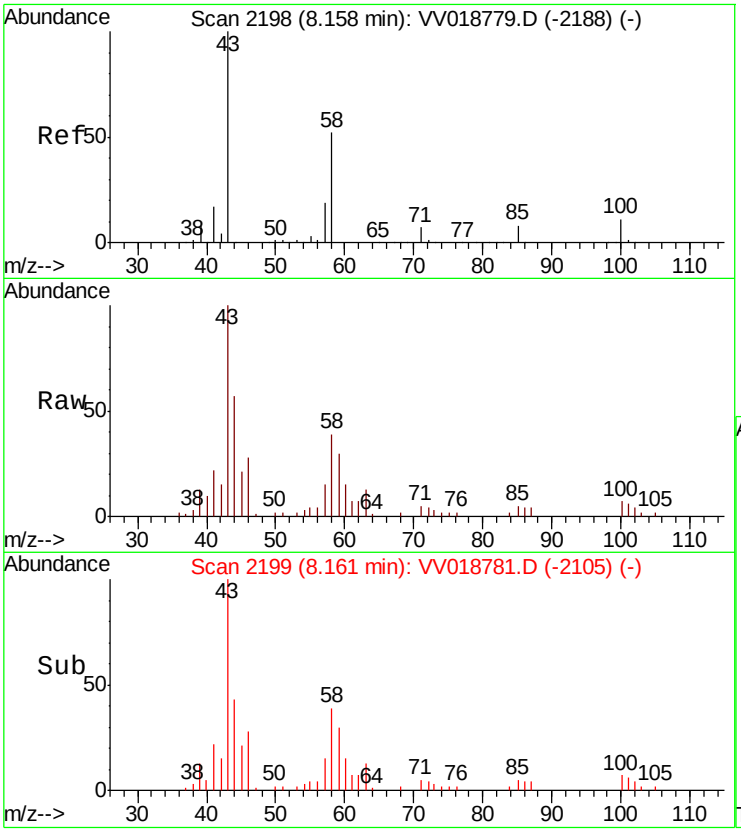


#46
Tetrachloroethene
Concen: 1.379 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion:164 Resp: 2762

Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.6	120.0
131	90.4	63.6	118.0
166	114.3	88.3	164.1



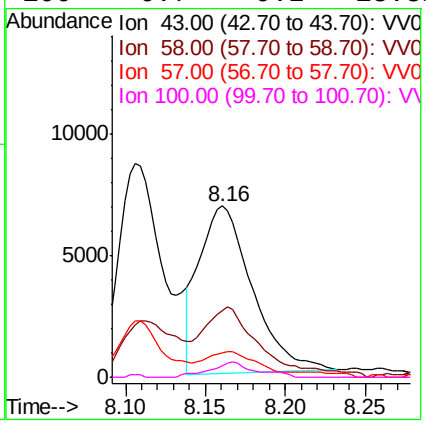


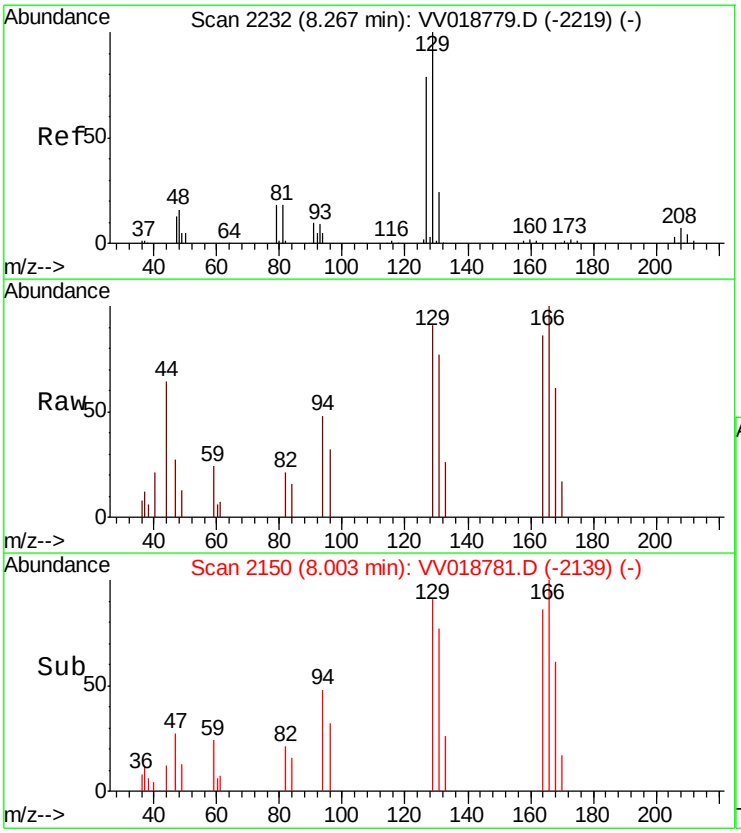
#48
2-Hexanone
Concen: 5.909 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument : MSVOA_V
ClientSampleId : BG3N8DL

Tgt Ion: 43 Resp: 15816

Ion	Ratio	Lower	Upper
43	100		
58	34.4	41.8	62.8#
57	11.0	14.9	22.3#
100	6.7	9.2	13.8#

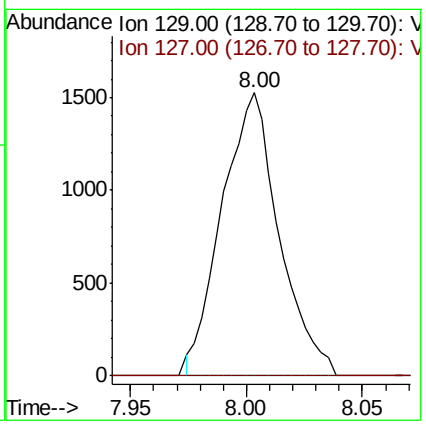


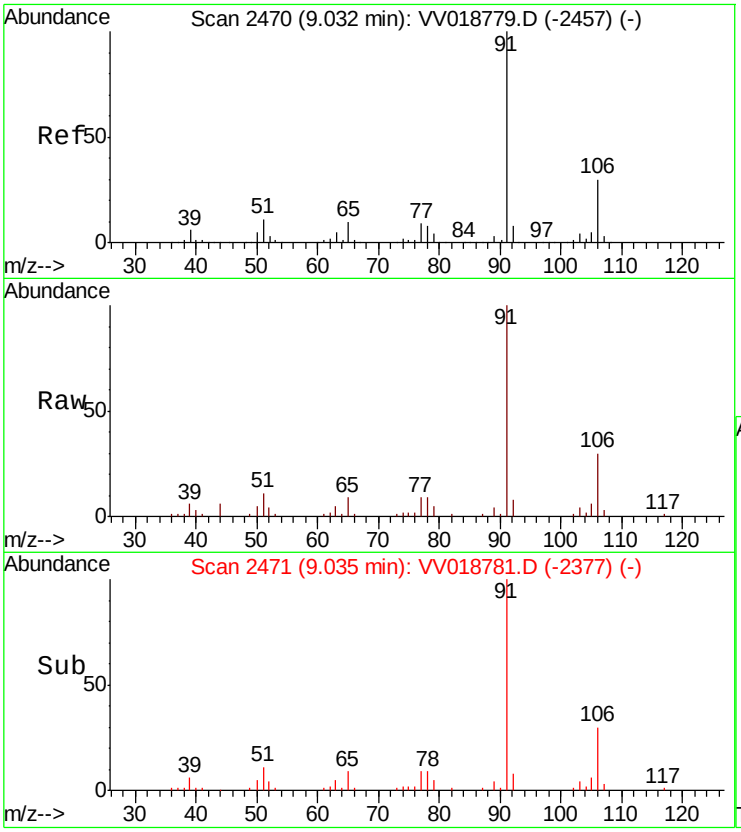


#49
Dibromochloromethane
Concen: 1.022 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion:129 Resp: 2618

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#



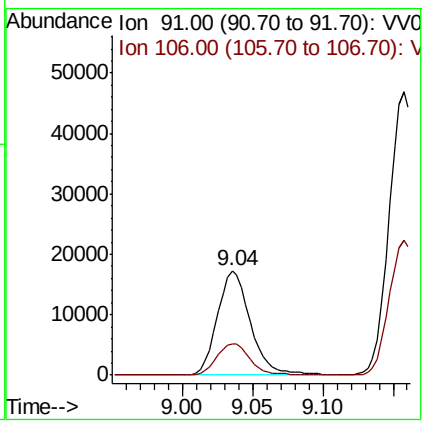


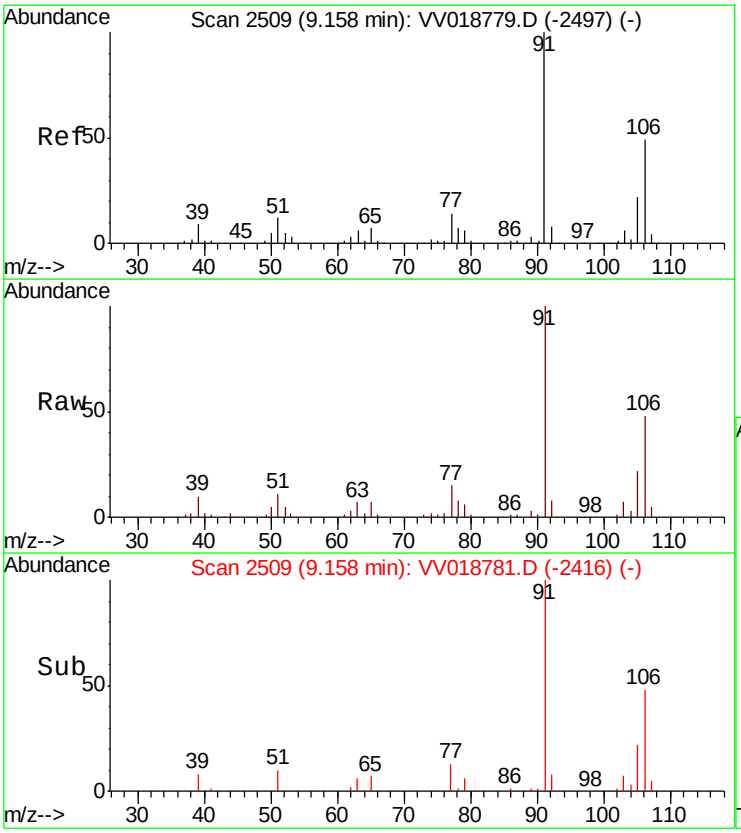
#52
Ethylbenzene
Concen: 2.547 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument : MSVOA_V
ClientSampleId : BG3N8DL

Tgt Ion: 91 Resp: 28224

Ion	Ratio	Lower	Upper
91	100		
106	29.7	20.9	38.9

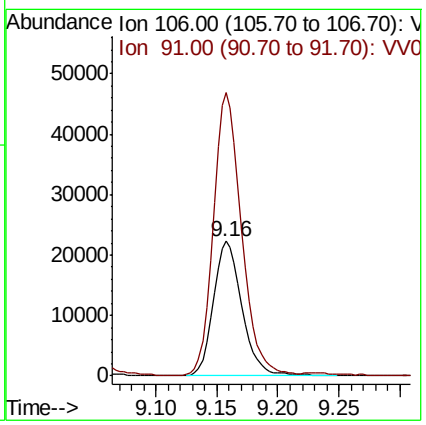


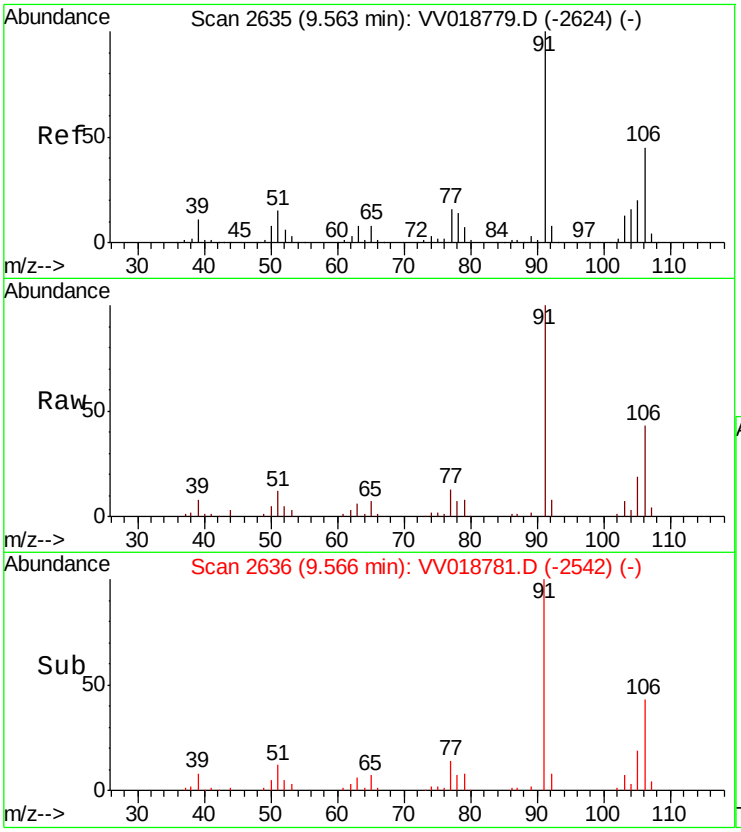


#53
m,p-Xylene
Concen: 9.076 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion:106 Resp: 36913

Ion	Ratio	Lower	Upper
106	100		
91	210.1	147.1	273.1



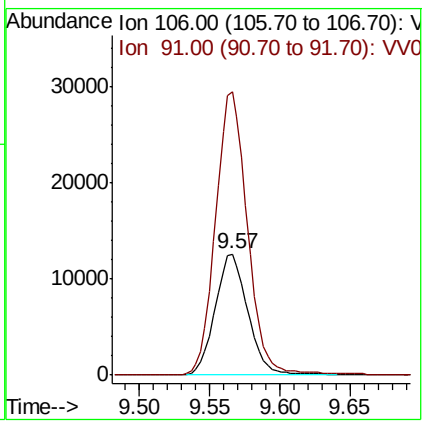


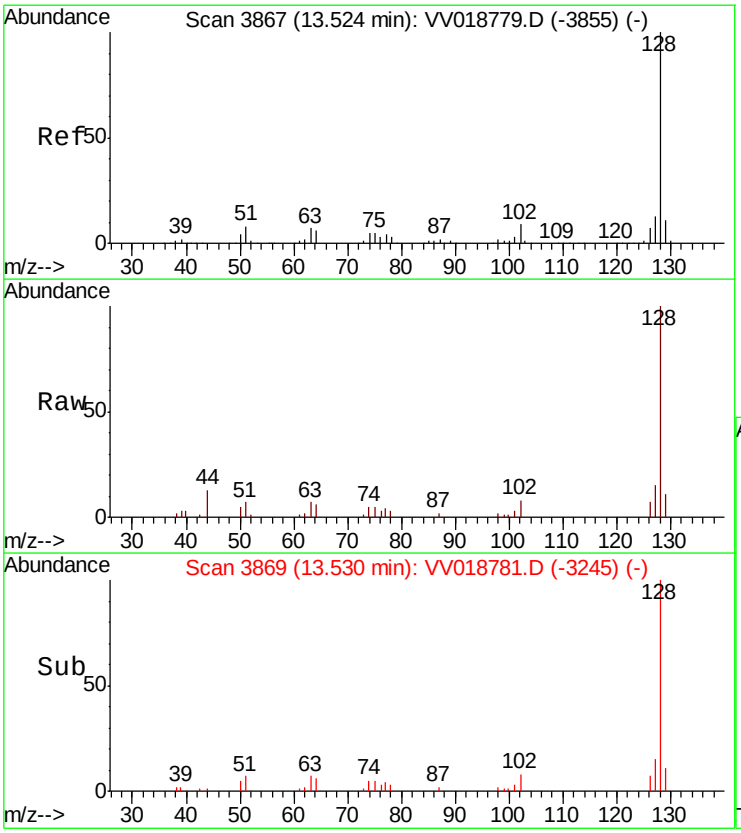
#54
o-xylene
Concen: 5.271 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tgt Ion:106 Resp: 20361

Ion	Ratio	Lower	Upper
106	100		
91	234.2	156.8	291.2





#69
Naphthalene
Concen: 1.929 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.01 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion:128 Resp: 16833

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.3	8.6	13.0