Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018789.D
Acq On : 09 Oct 2020 03:00
Operator : SY/MD
Sample : L4239-16DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3R9DL

Quant Time: Oct 09 07:34:25 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	321222	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303909	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153129	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	131830	45.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.34%			
7) Chloroethane-d5	1.58	69	110004	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.64%			
11) 1,1-Dichloroethene-d2	2.12	63	199504	35.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.90%			
21) 2-Butanone-d5	3.90	46	190055	106.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.05%			
24) Chloroform-d	4.38	84	239753	46.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.12%			
26) 1,2-Dichloroethane-d4	5.05	65	173476	49.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.40%			
32) Benzene-d6	5.07	84	487231	49.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.64%			
36) 1,2-Dichloropropane-d6	6.09	67	158090	49.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.14%			
41) Toluene-d8	7.34	98	405165	46.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.34%			
43) trans-1,3-Dichloropropene-	7.64	79	69059	44.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.60%			
47) 2-Hexanone-d5	8.11	63	97230	86.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.99%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154490	42.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.22%			
64) 1,2-Dichlorobenzene-d4	11.65	152	166499	49.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.26%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1629	0.706	ug/L #	19
27) 1,2-Dichloroethane	5.07	62	3271	0.851	ug/L	99
35) Methylcyclohexane	6.09	83	37146	10.940	ug/L #	16
46) Tetrachloroethene	8.00	164	1717	0.844	ug/L	88
48) 2-Hexanone	8.16	43	13109	4.825	ug/L #	83
49) Dibromochloromethane	8.00	129	1618	0.622	ug/L #	10
51) Chlorobenzene	8.90	112	316585	48.165	ug/L	99
59) 1,2,3-Trichloropropane	11.20	75	10108	3.207	ug/L #	45
62) 1,3-Dichlorobenzene	11.20	146	30632	6.136	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	66216	12.751	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	2093	0.688	ug/L	95

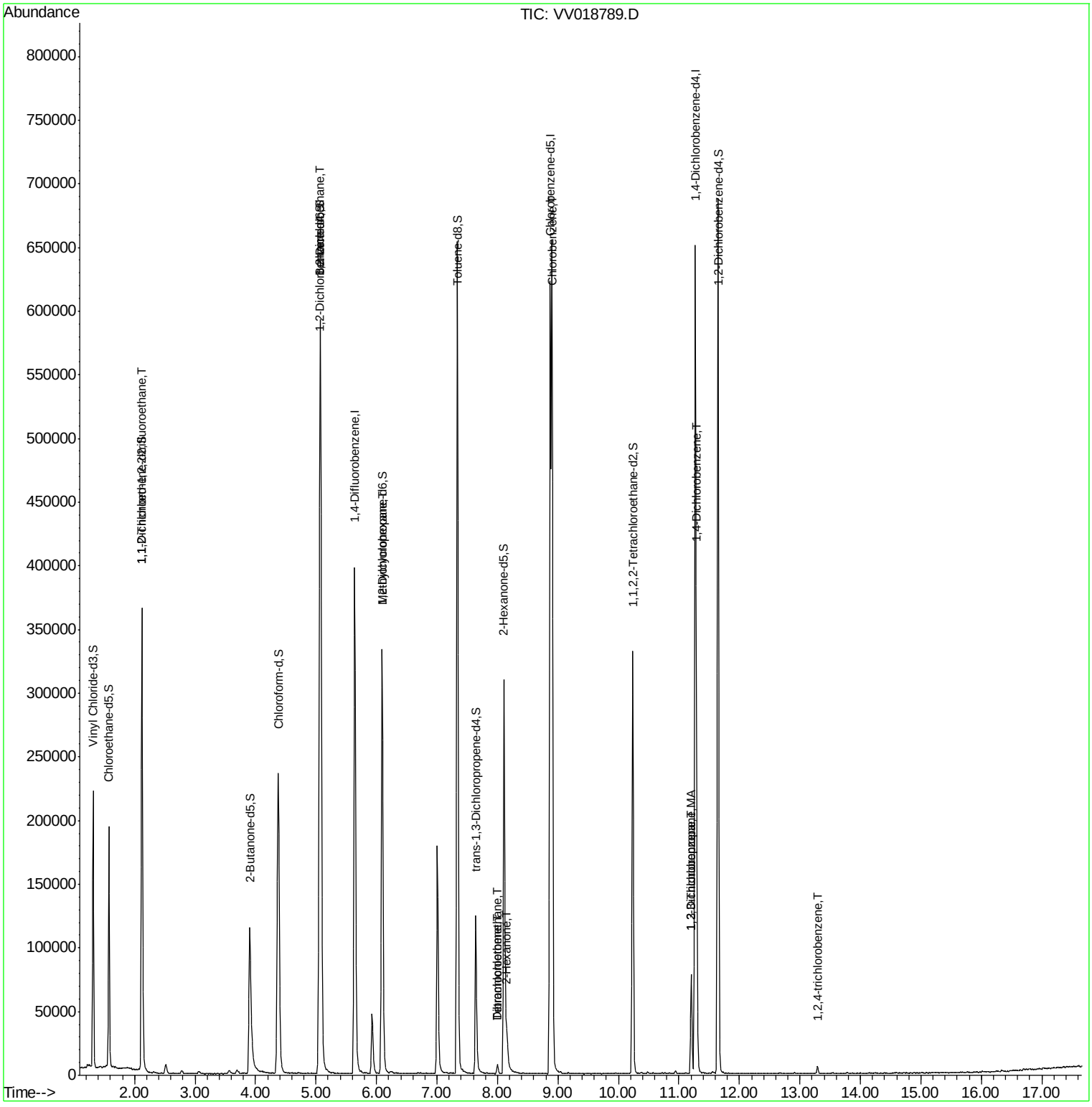
(#) = qualifier out of range (m) = manual integration (+) = signals summed

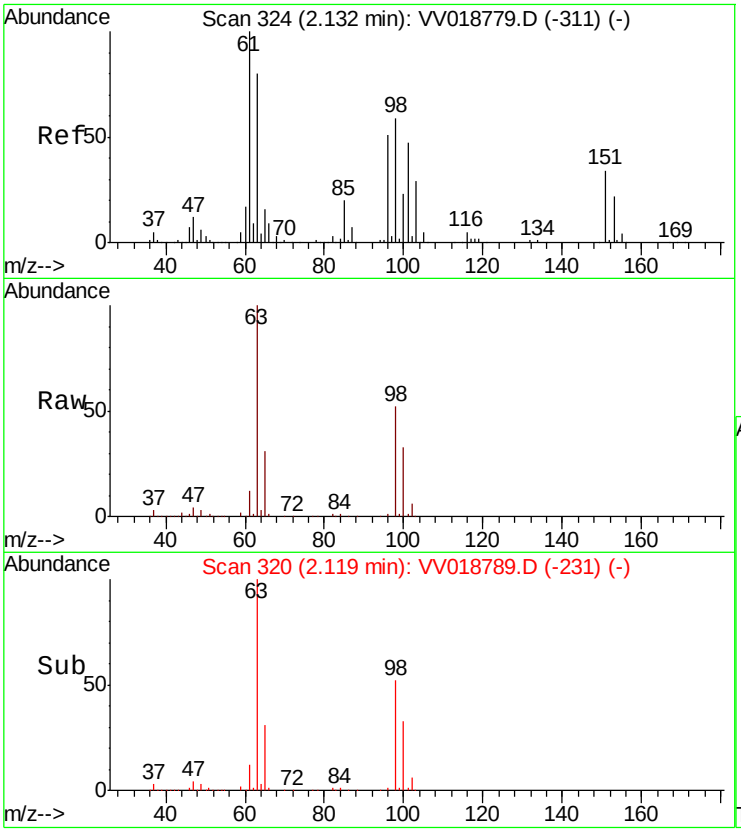
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018789.D
Acq On : 09 Oct 2020 03:00
Operator : SY/MD
Sample : L4239-16DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3R9DL

Quant Time: Oct 09 07:34:25 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



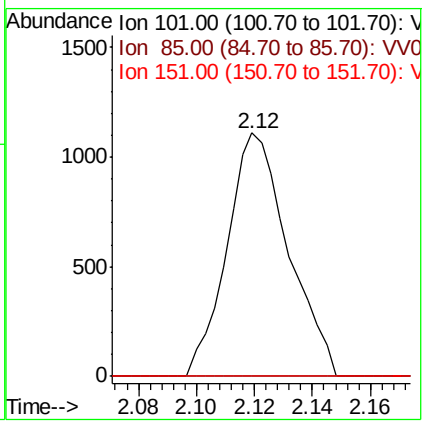


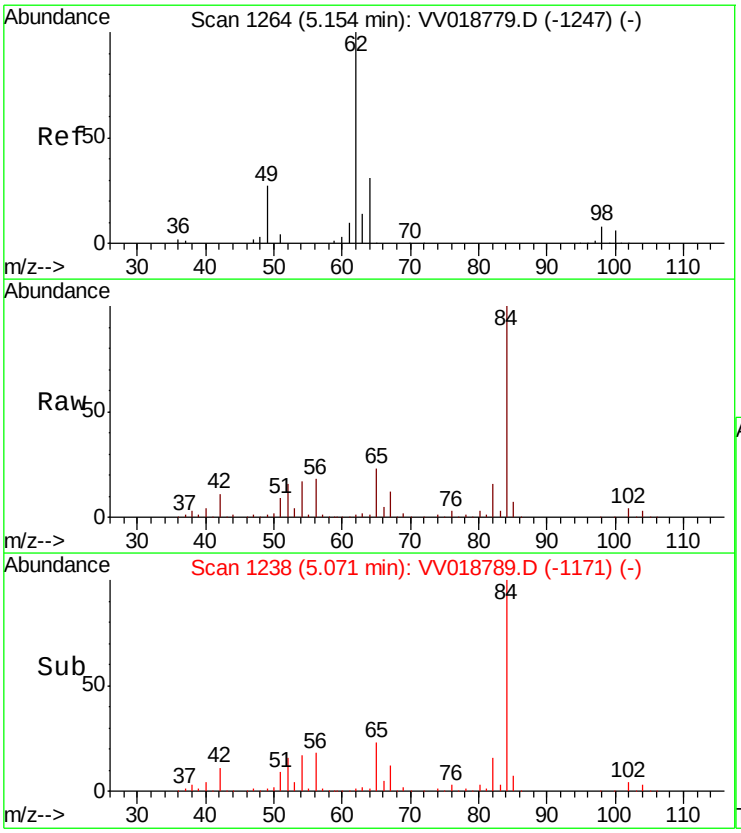
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.706 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Instrument : MSVOA_V
ClientSampleId : BG3R9DL

Tgt Ion:101 Resp: 1629

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

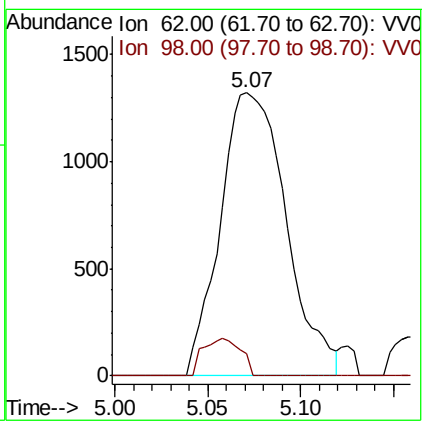


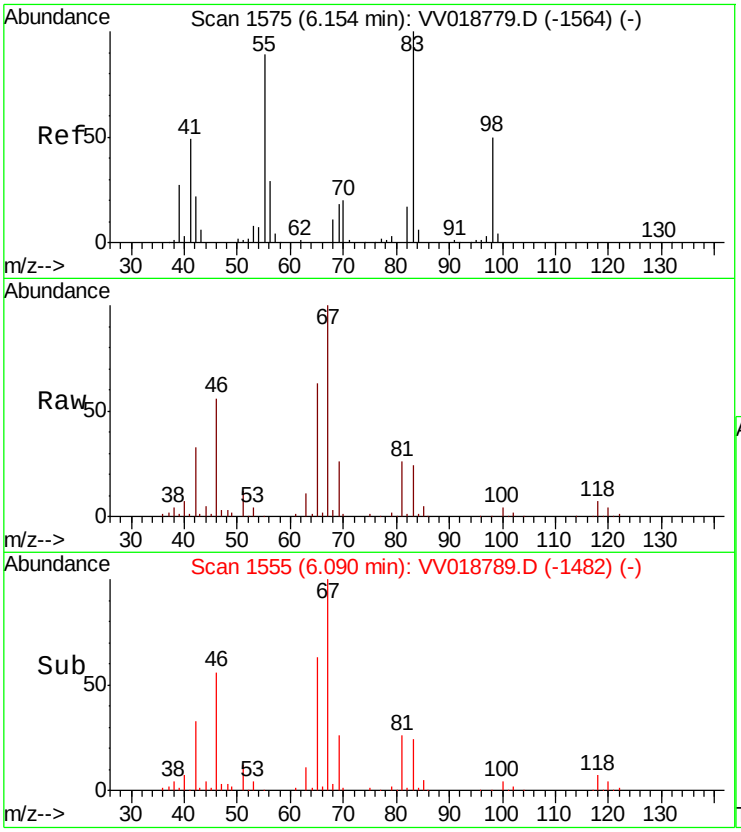


#27
1,2-Dichloroethane
Concen: 0.851 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Tgt Ion: 62 Resp: 3271

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.6	10.0



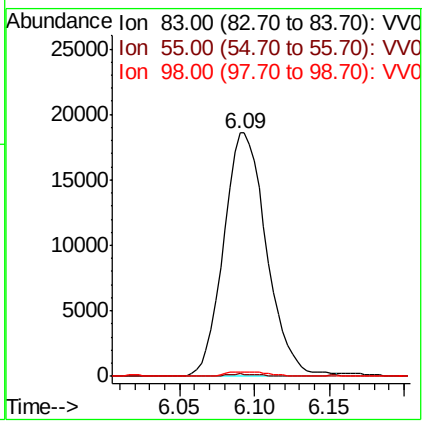


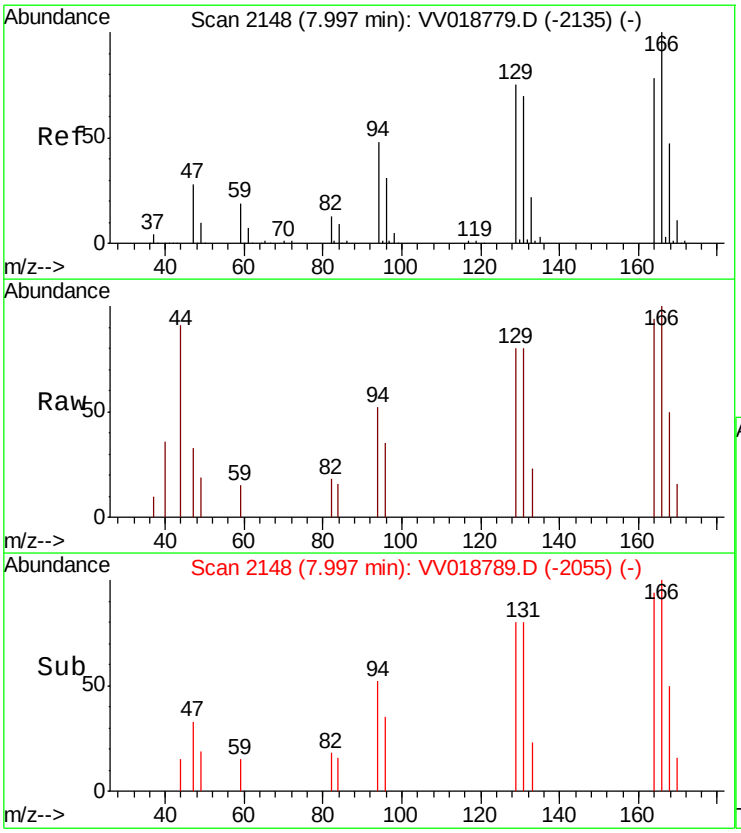
#35
Methylcyclohexane
Concen: 10.940 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Instrument : MSVOA_V
ClientSampleId : BG3R9DL

Tgt Ion: 83 Resp: 37146

Ion	Ratio	Lower	Upper
83	100		
55	0.6	67.0	100.4#
98	0.8	38.8	58.2#

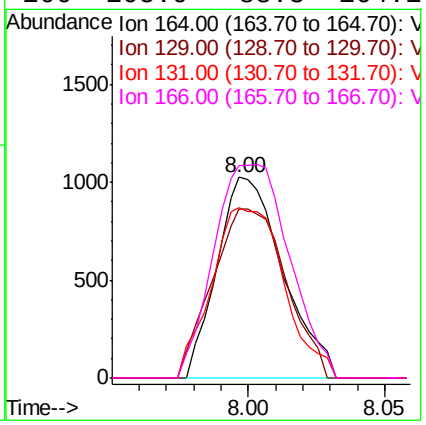


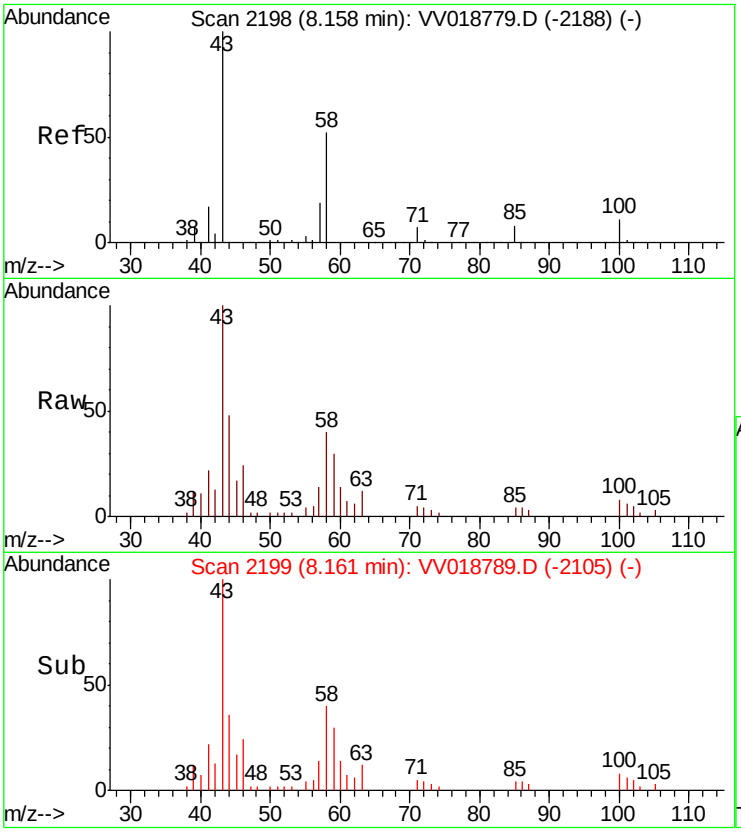


#46
Tetrachloroethene
Concen: 0.844 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Tgt Ion:164 Resp: 1717

Ion	Ratio	Lower	Upper
164	100		
129	84.6	64.6	120.0
131	84.8	63.6	118.0
166	105.9	88.3	164.1



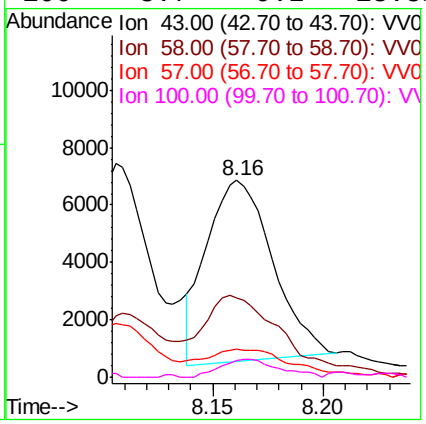


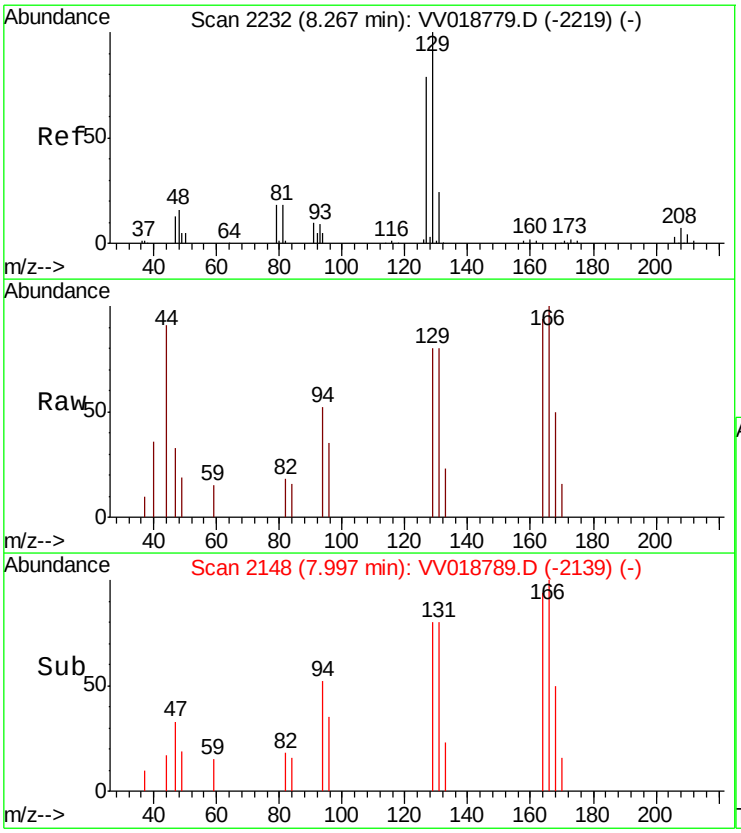
#48
2-Hexanone
Concen: 4.825 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Instrument : MSVOA_V
ClientSampleId : BG3R9DL

Tgt Ion: 43 Resp: 13109

Ion	Ratio	Lower	Upper
43	100		
58	43.3	41.8	62.8
57	2.7	14.9	22.3#
100	8.7	9.2	13.8#

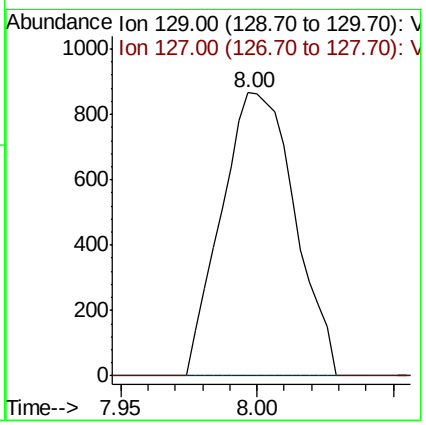


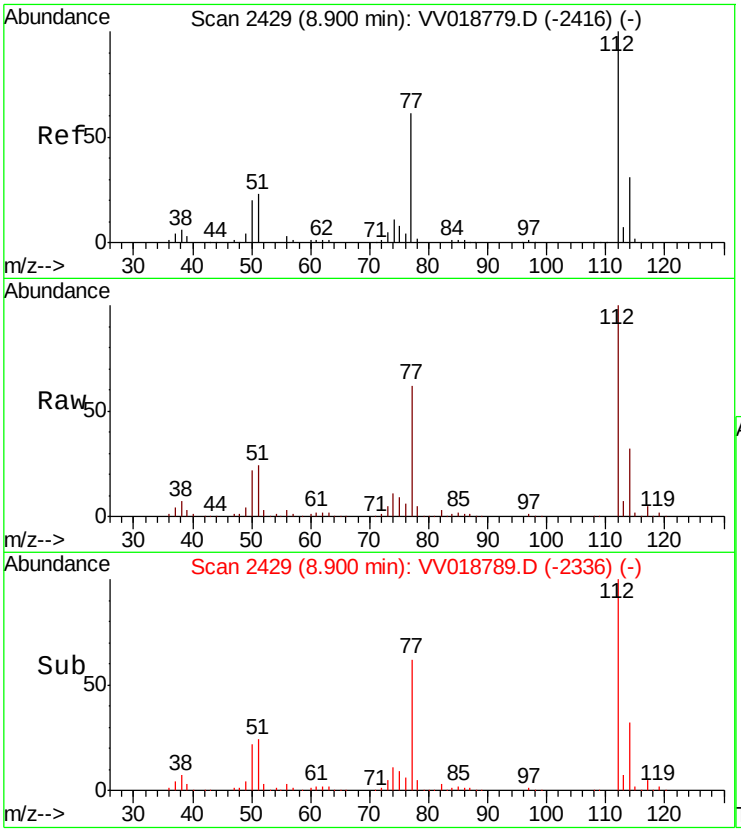


#49
Dibromochloromethane
Concen: 0.622 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Tgt Ion:129 Resp: 1618

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#



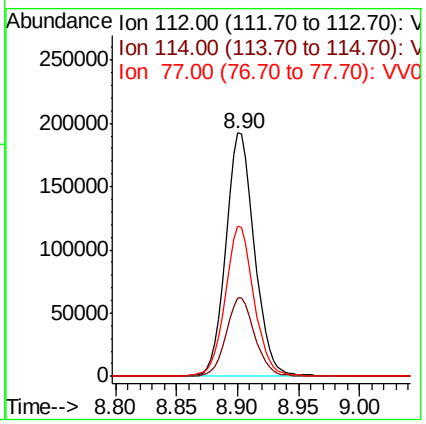


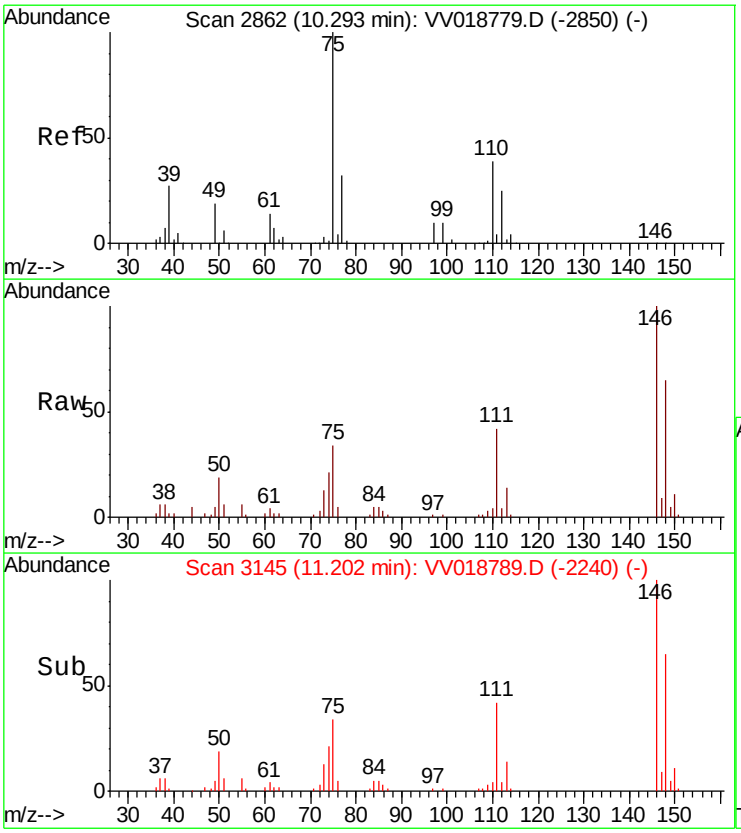
#51
Chlorobenzene
Concen: 48.165 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Instrument :
MSVOA_V
ClientSampleId :
BG3R9DL

Tgt Ion:112 Resp: 316585

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	41.0
77	61.8	49.8	74.6

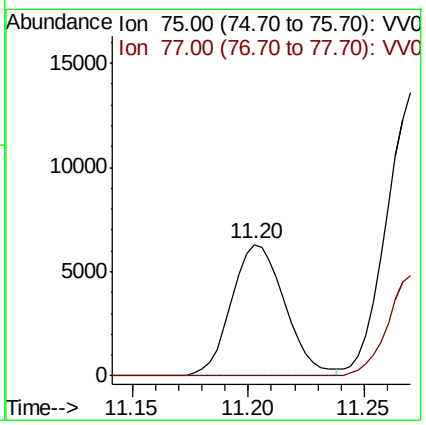


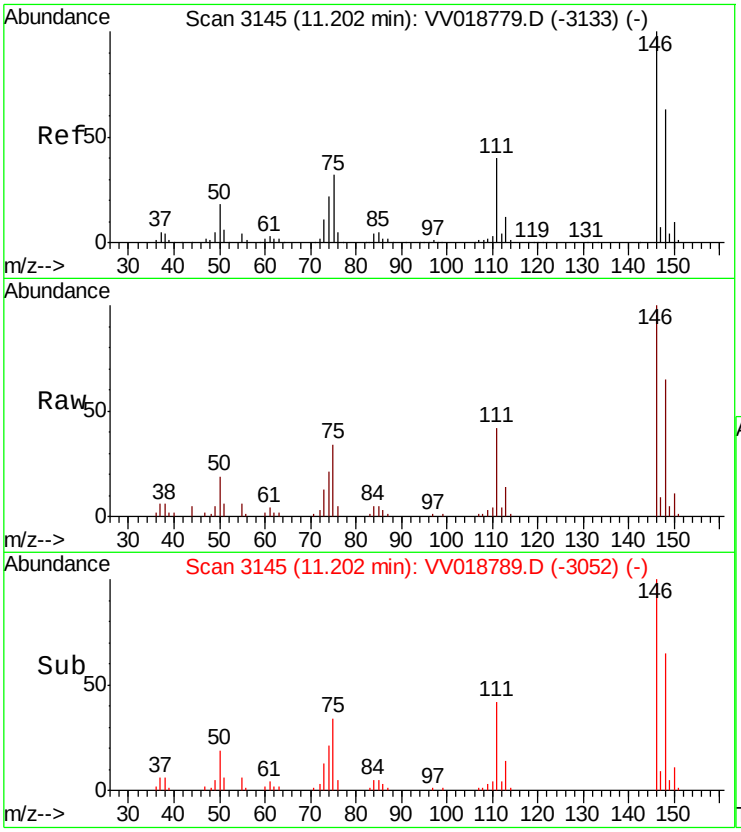


#59
1,2,3-Trichloropropane
Concen: 3.207 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.91 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Tgt Ion: 75 Resp: 10108

Ion	Ratio	Lower	Upper
75	100		
77	1.4	25.9	38.9#



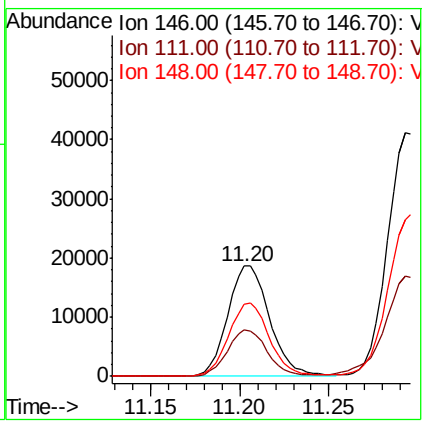


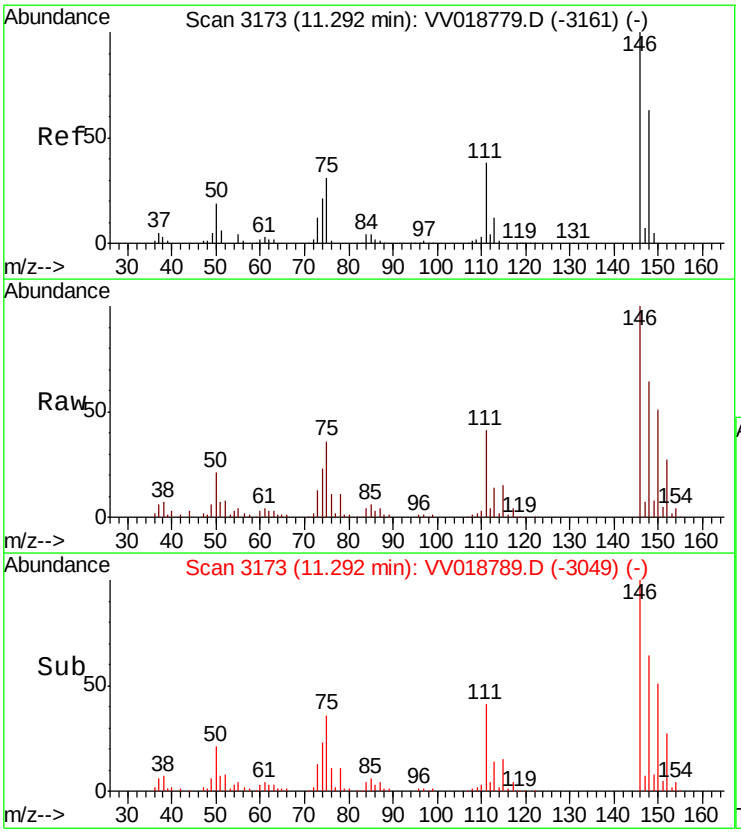
#62
1,3-Dichlorobenzene
Concen: 6.136 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. -0.00 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Instrument :
MSVOA_V
ClientSampleId :
BG3R9DL

Tgt Ion:146 Resp: 30632

Ion	Ratio	Lower	Upper
146	100		
111	41.9	27.8	51.6
148	65.0	45.4	84.4

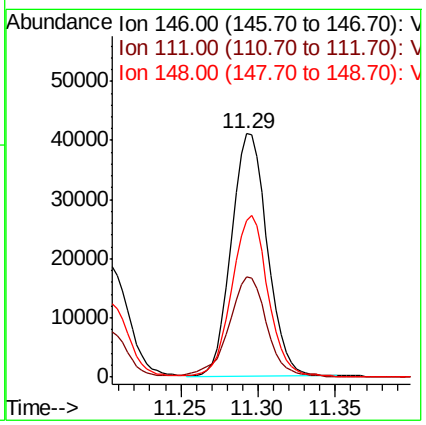


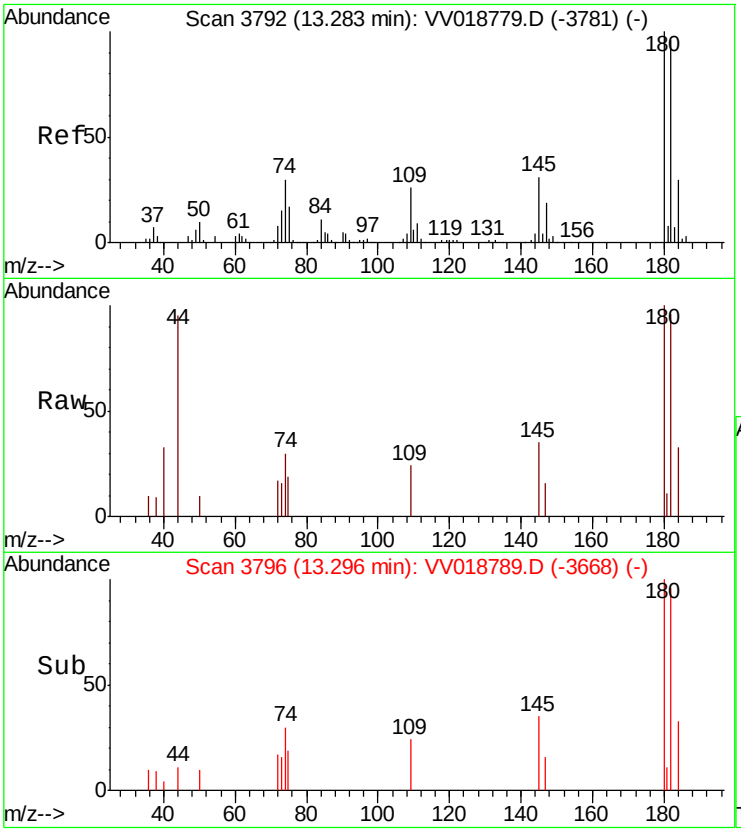


#63
1,4-Dichlorobenzene
Concen: 12.751 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. -0.00 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Tgt Ion:146 Resp: 66216

Ion	Ratio	Lower	Upper
146	100		
111	41.0	27.1	50.3
148	64.4	45.4	84.4





#68
1,2,4-trichlorobenzene
Concen: 0.688 ug/L
RT: 13.30 min Scan# 3796
Delta R.T. 0.01 min
Lab File: VV018789.D
Acq: 09 Oct 2020 03:00

Instrument :
MSVOA_V
ClientSampleId :
BG3R9DL

Tgt Ion:180 Resp: 2093

Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.7	115.1
145	26.4	24.0	36.0