Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016172.D
Acq On : 22 May 2020 15:52
Operator : SY/MD
Sample : L2731-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 23 05:10:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	125533	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123852	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	57884	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40380	5.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.60%			
7) Chloroethane-d5	1.58	69	36259	5.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.40%			
11) 1,1-Dichloroethene-d2	2.13	63	66733	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	3.97	46	65673	33.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 67.62%			
24) Chloroform-d	4.38	84	75855	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.07	65	39835	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.08	84	153838	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.10	67	45757	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.34	98	141007	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
45) trans-1,3-Dichloropropene-	7.65	79	14353	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
48) 2-Hexanone-d5	8.12	63	55687	35.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.82%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26992	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	46520	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.77	101	2323	0.182	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1003	0.139	ug/L #	46
12) 1,1-Dichloroethene	2.12	96	541	0.078	ug/L #	1
17) Methyl tert-butyl Ether	2.80	73	1711	0.095	ug/L #	56
22) cis-1,2-Dichloroethene	3.95	96	3462	0.433	ug/L	97
27) 1,2-Dichloroethane	5.08	62	1078	0.108	ug/L #	76
34) Trichloroethene	5.95	95	2800	0.315	ug/L	89
35) Methylcyclohexane	6.10	83	11572	0.860	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5414	0.684	ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1302	0.116	ug/L #	63
46) trans-1,3-Dichloropropene	7.65	75	711	0.075	ug/L	89
47) 1,1,2-Trichloroethane	8.00	97	3255	0.616	ug/L #	11
49) Tetrachloroethene	8.00	164	324247	52.249	ug/L	100
50) 2-Hexanone	8.12	43	8553	2.451	ug/L #	74
51) Dibromochloromethane	8.00	129	315233	53.066	ug/L #	10
70) Naphthalene	13.53	128	1956	0.126	ug/L #	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016172.D
Acq On : 22 May 2020 15:52
Operator : SY/MD
Sample : L2731-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 23 05:10:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 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\VV052220\
Data File : VV016172.D
Acq On : 22 May 2020 15:52
Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :

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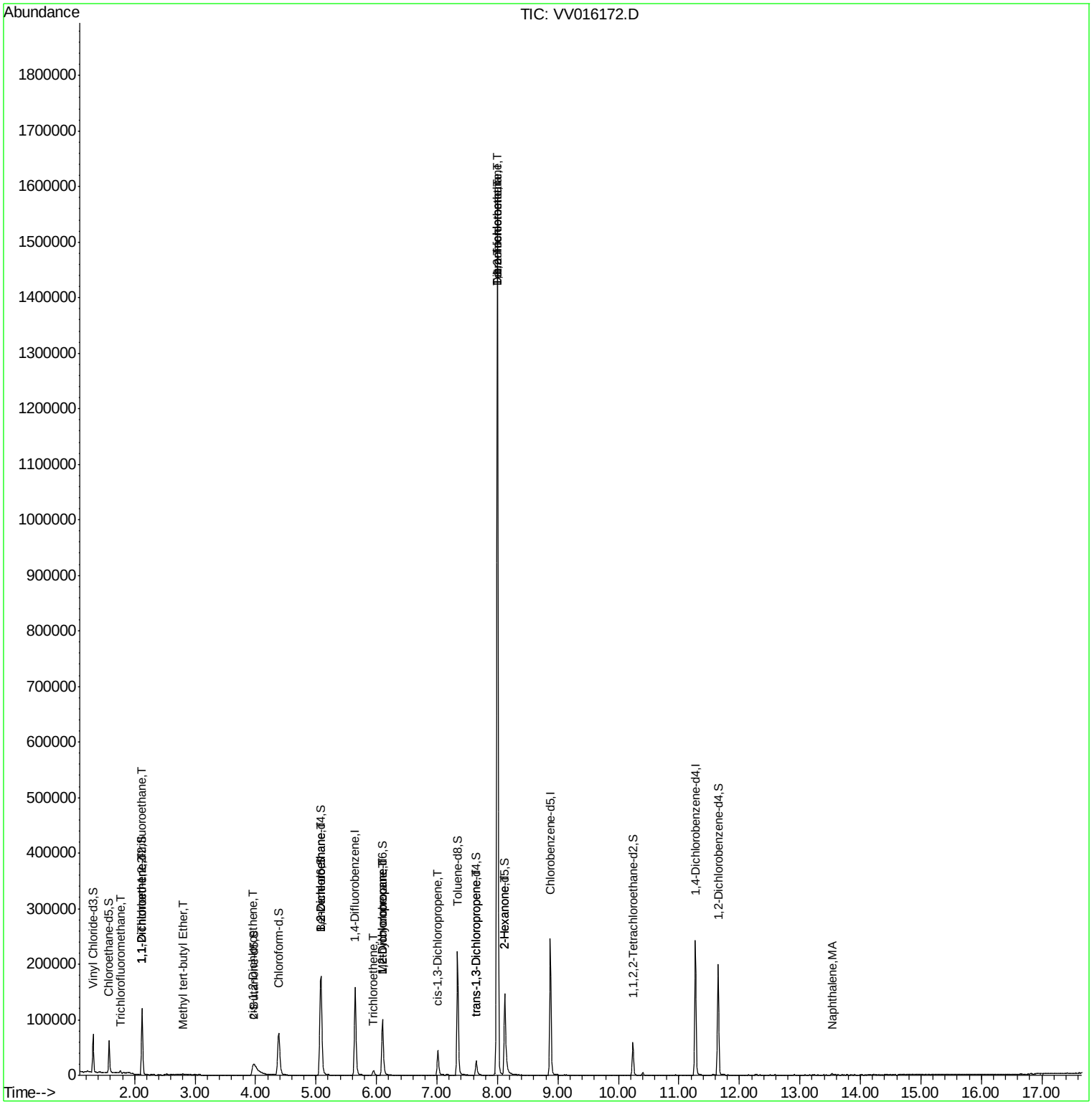
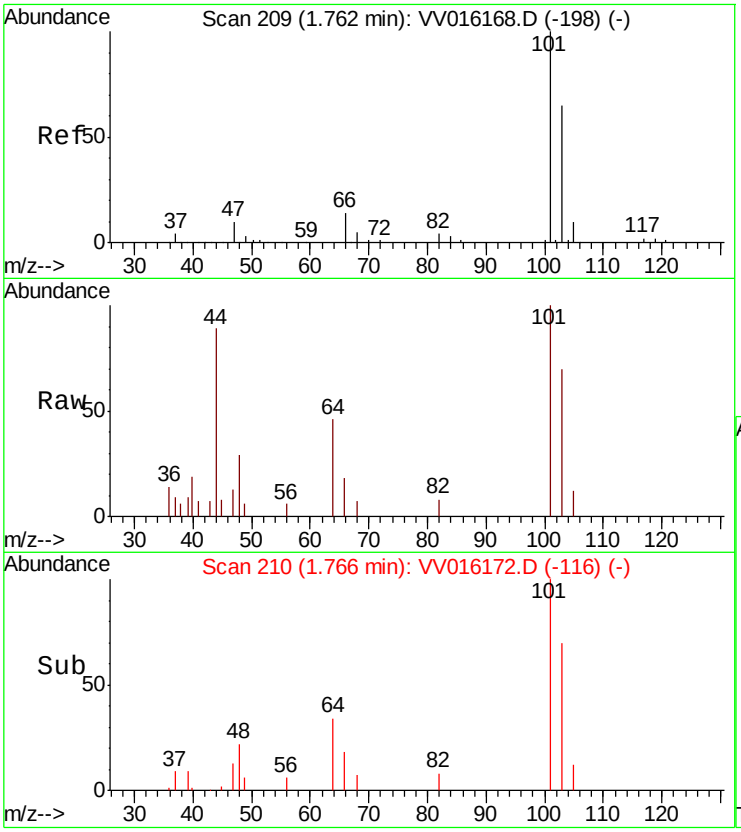
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



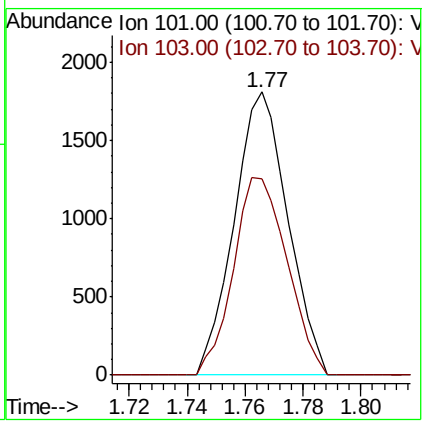


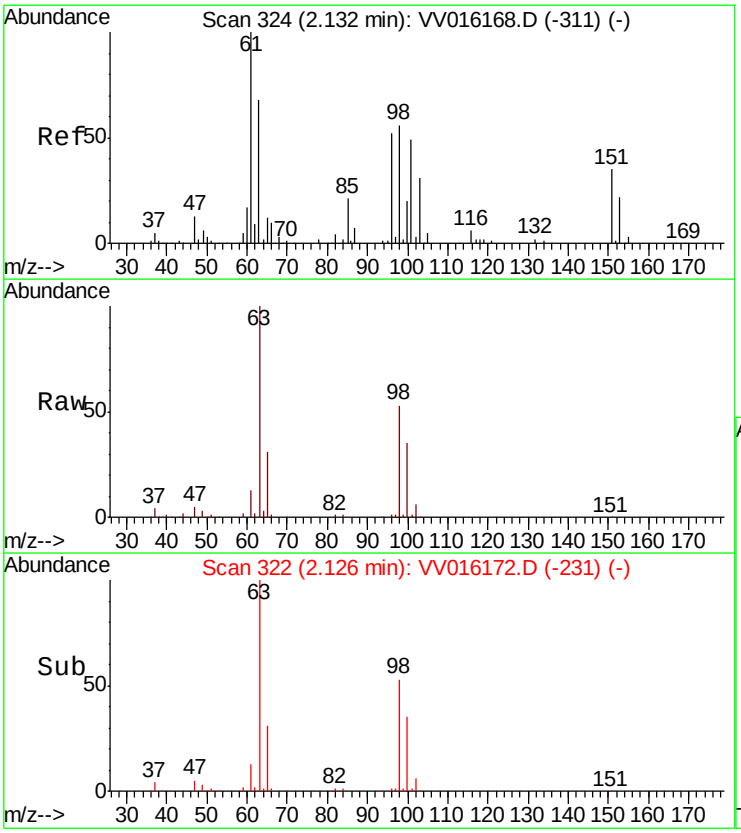
#9
Trichlorofluoromethane
Concen: 0.182 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2323

Ion	Ratio	Lower	Upper
101	100		
103	70.1	51.4	77.2

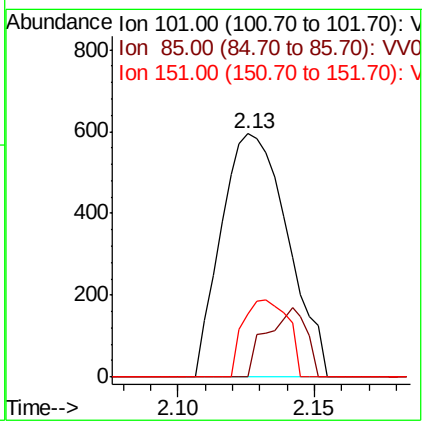


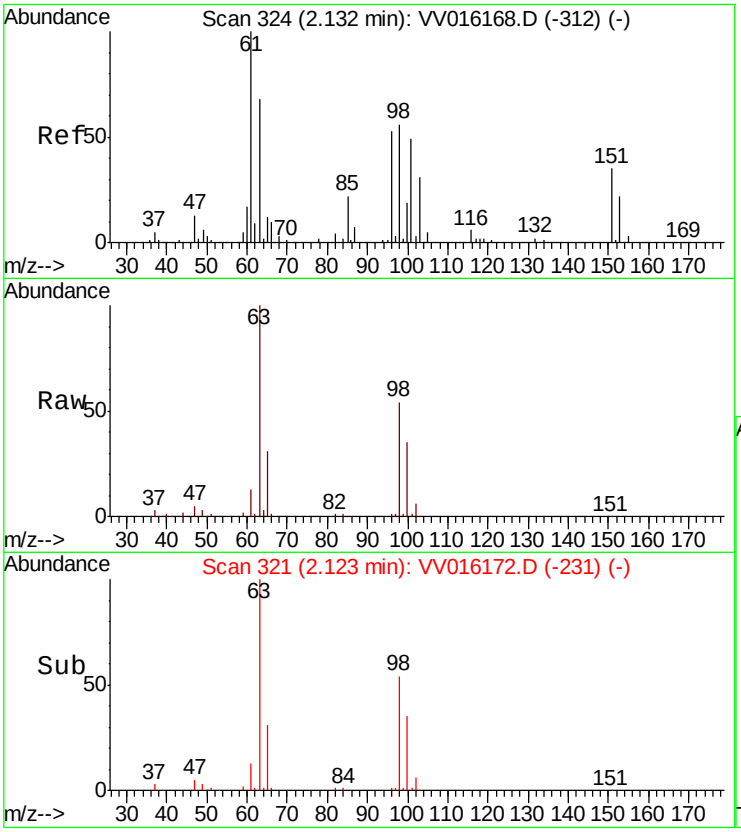


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.139 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion:101 Resp: 1003

Ion	Ratio	Lower	Upper
101	100		
85	17.0	35.7	53.5#
151	21.3	58.0	87.0#



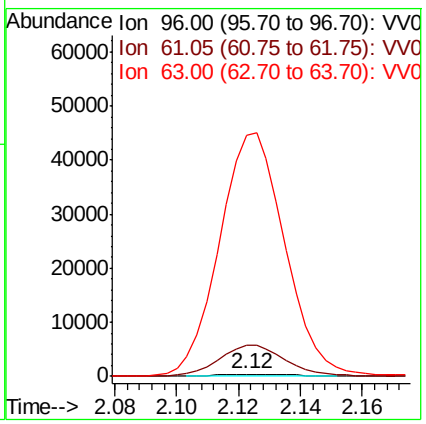


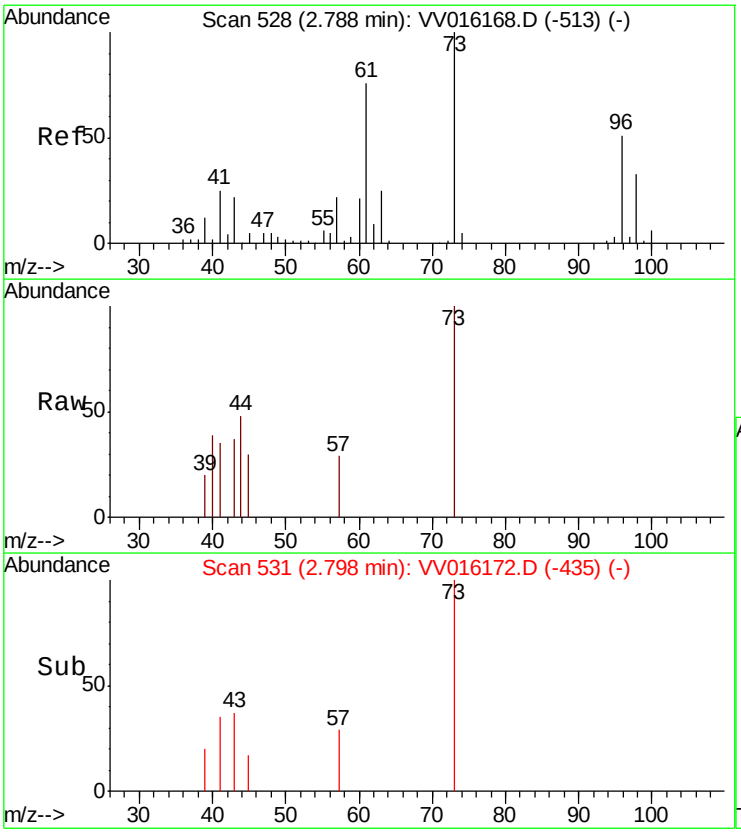
#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 541

Ion	Ratio	Lower	Upper
96	100		
61	1810.8	139.9	259.7#
63	14198.7	106.4	197.6#

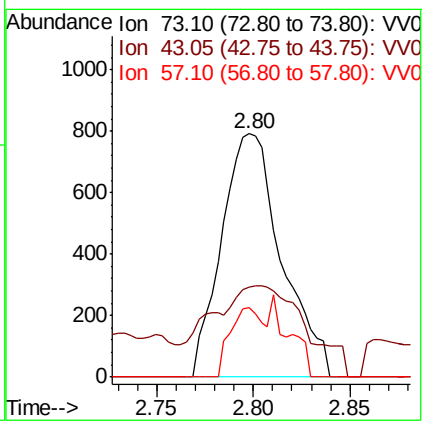


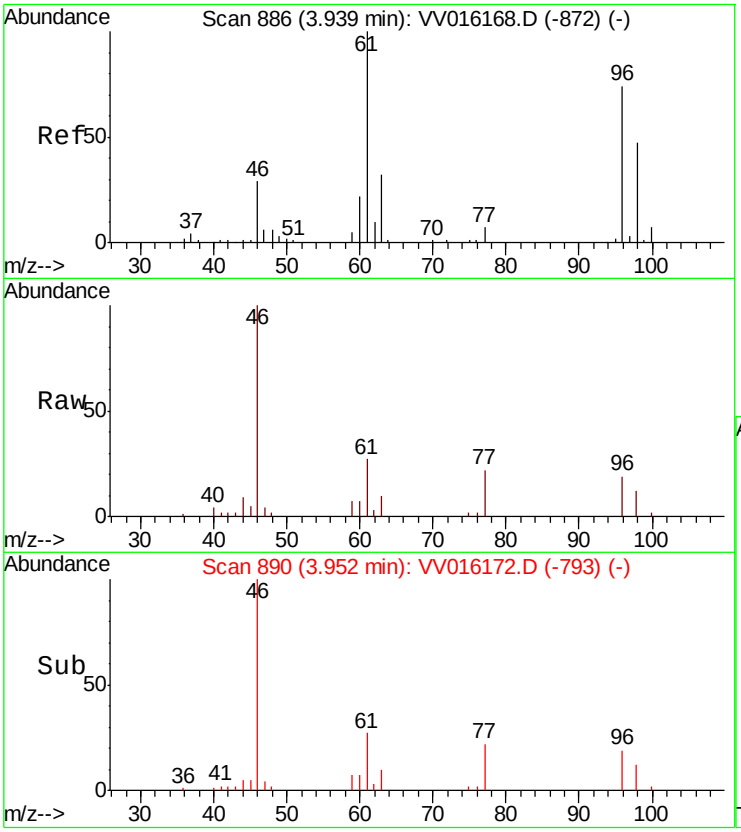


#17
Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 73 Resp: 1711

Ion	Ratio	Lower	Upper
73	100		
43	59.3	18.8	28.2#
57	16.1	17.8	26.6#



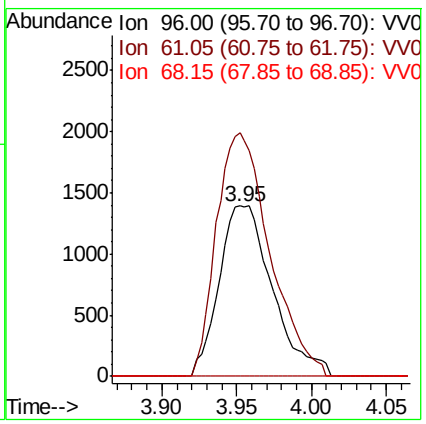


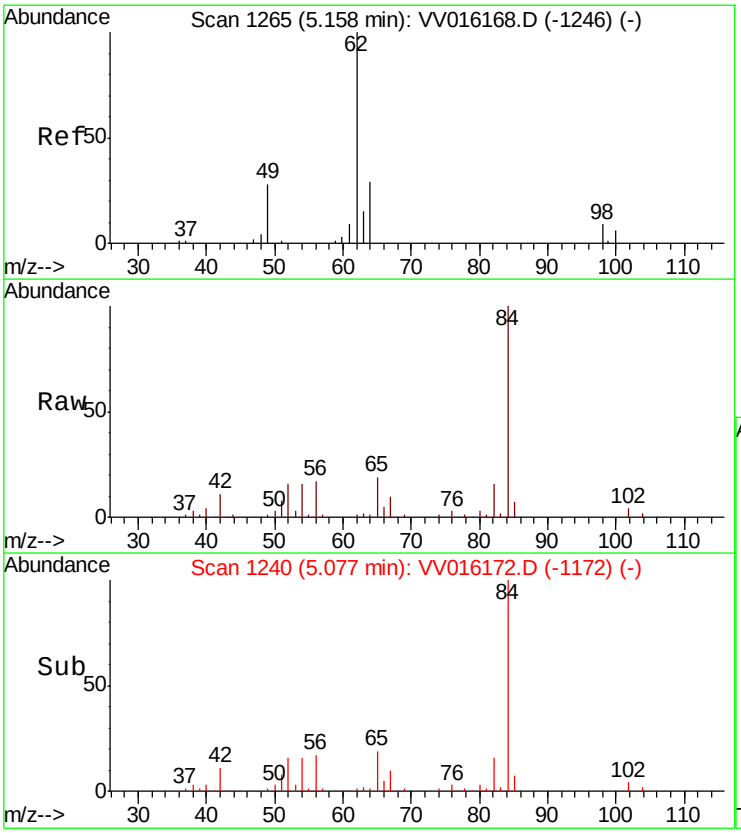
#22
cis-1,2-Dichloroethene
Concen: 0.433 ug/L
RT: 3.95 min Scan# 890
Delta R.T. 0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 3462

Ion	Ratio	Lower	Upper
96	100		
61	143.0	97.2	180.6
68	0.0	0.0	0.0

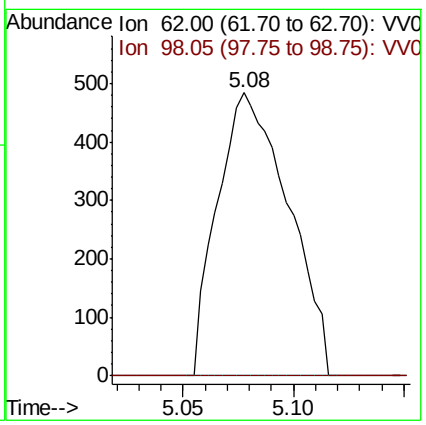


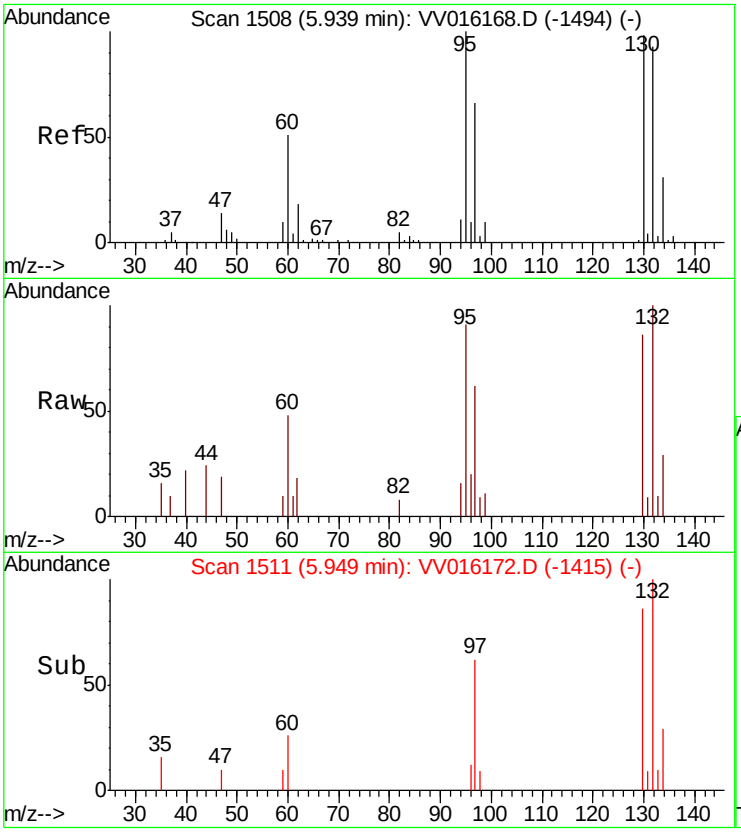


#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 62 Resp: 1078

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



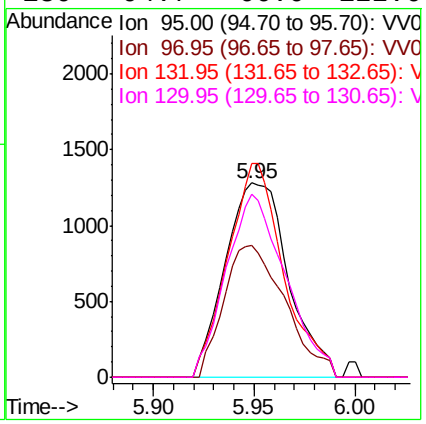


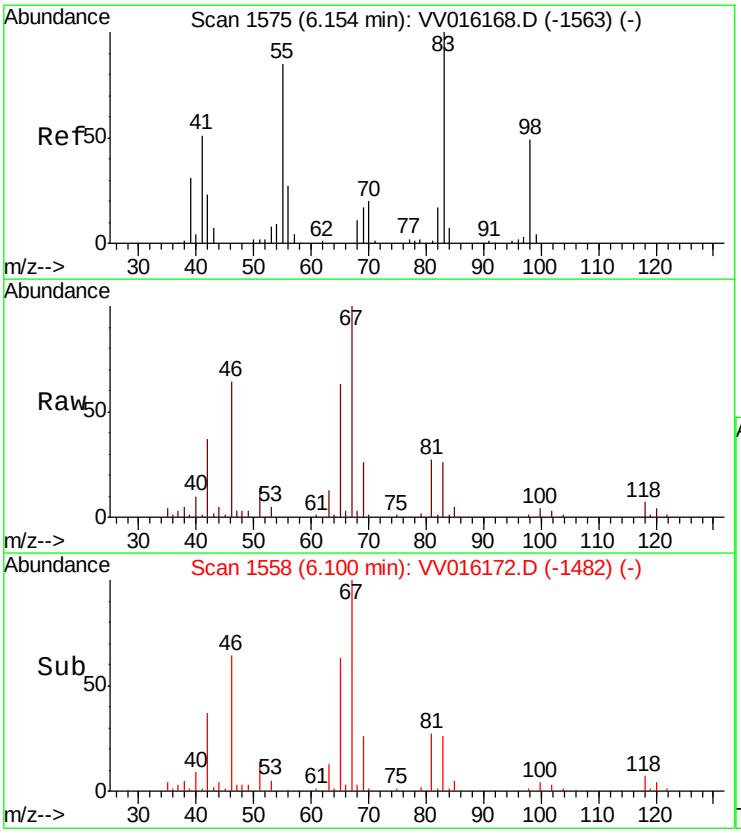
#34
Trichloroethene
Concen: 0.315 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2800

Ion	Ratio	Lower	Upper
95	100		
97	67.7	43.3	80.5
132	110.1	60.3	112.1
130	94.7	66.0	122.6

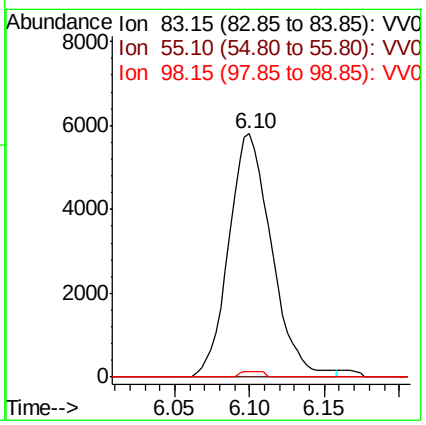


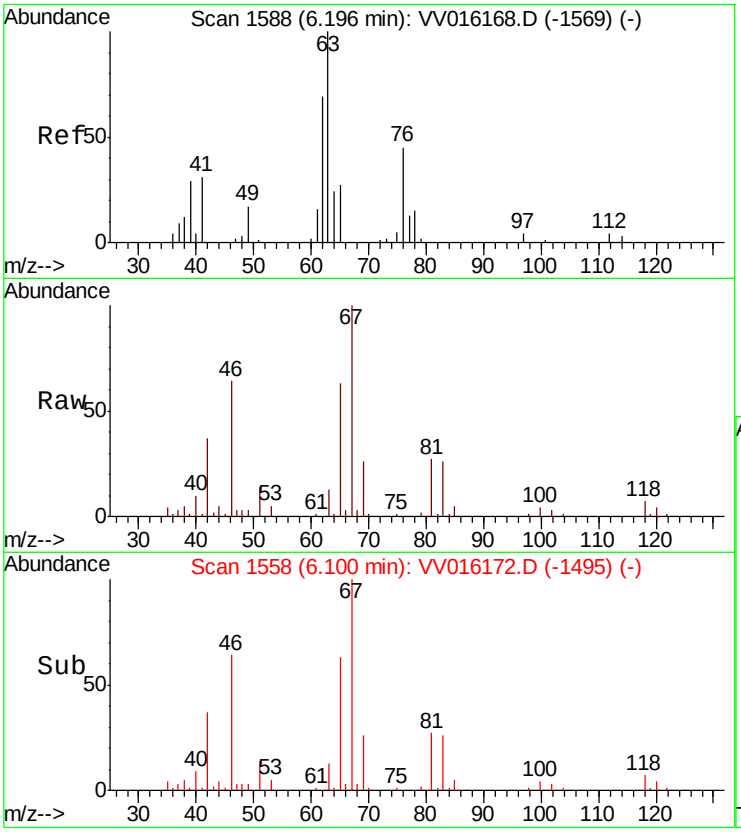


#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 83 Resp: 11572

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.2#
98	1.3	37.9	56.9#



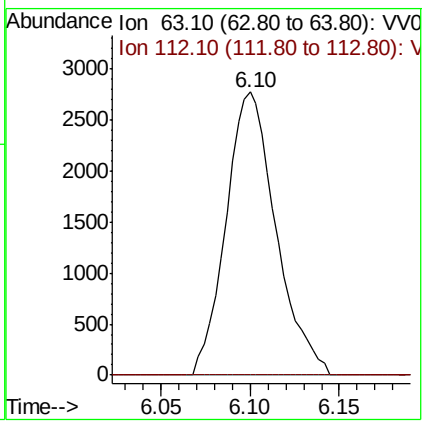


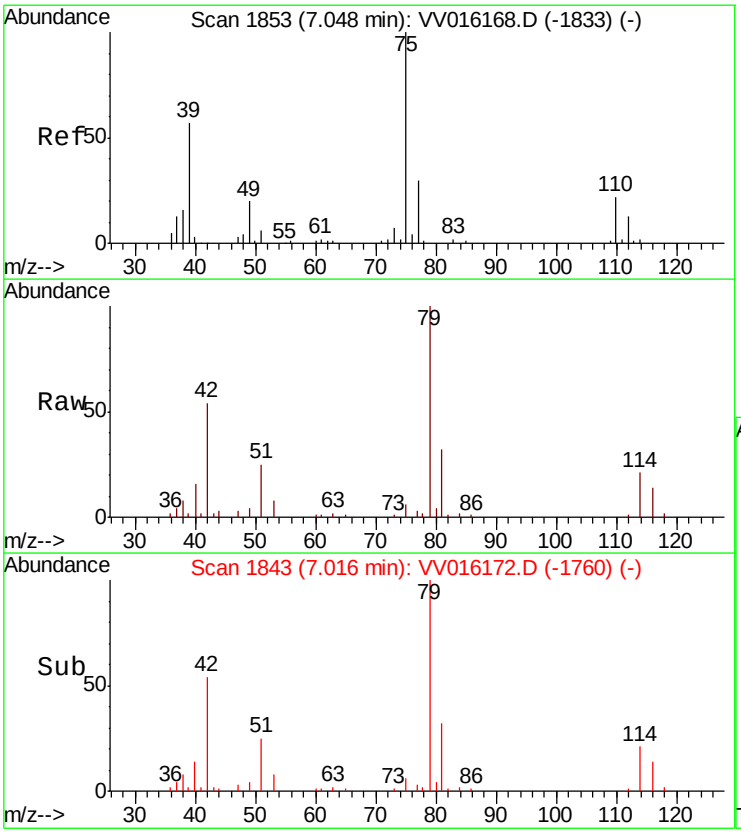
#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5414

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

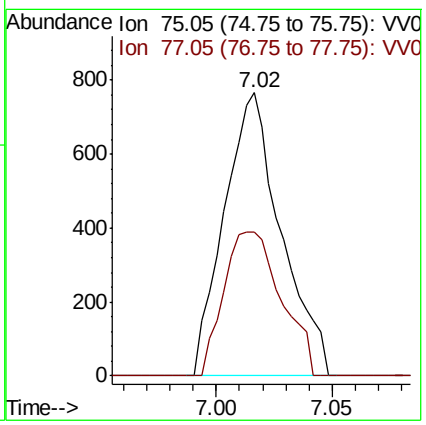


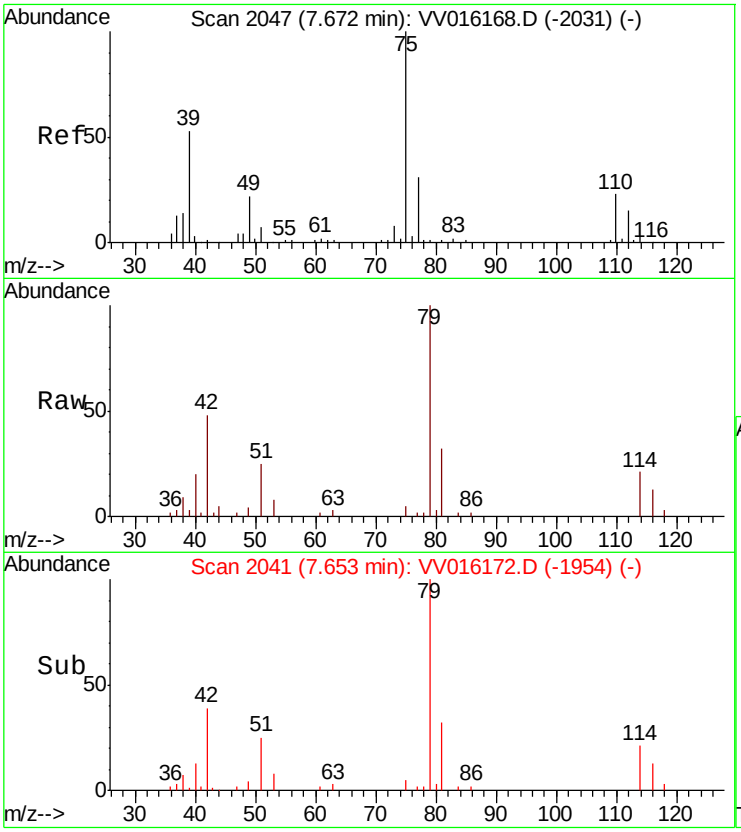


#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.02 min Scan# 1843
Delta R.T. -0.03 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 75 Resp: 1302

Ion	Ratio	Lower	Upper
75	100		
77	50.8	21.3	39.5#



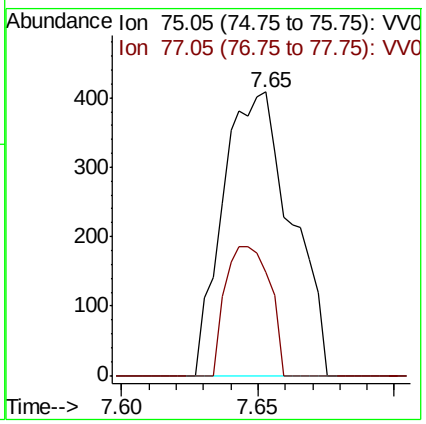


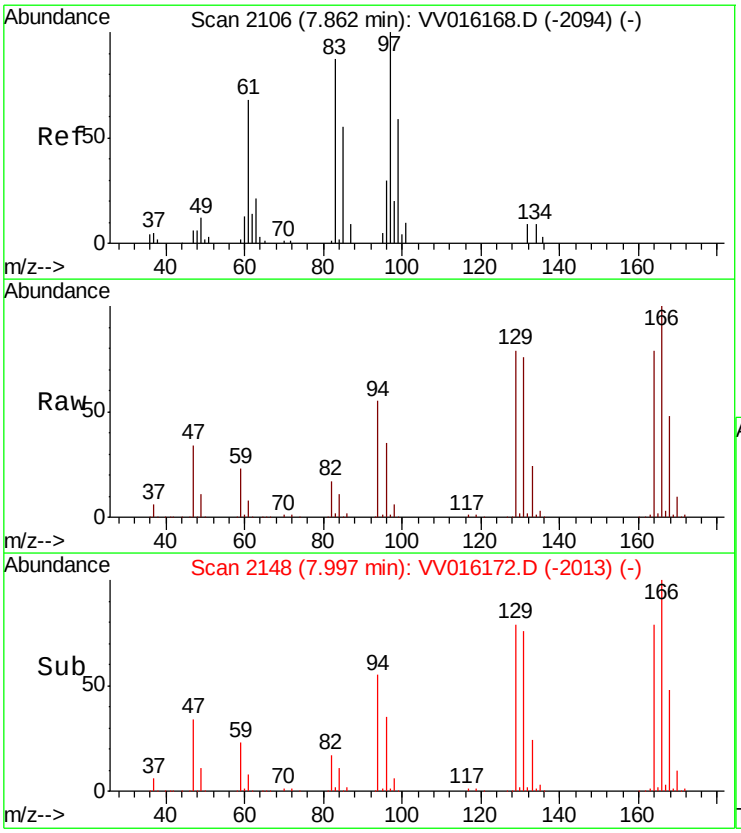
#46
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 711

Ion	Ratio	Lower	Upper
75	100		
77	36.3	21.3	39.6

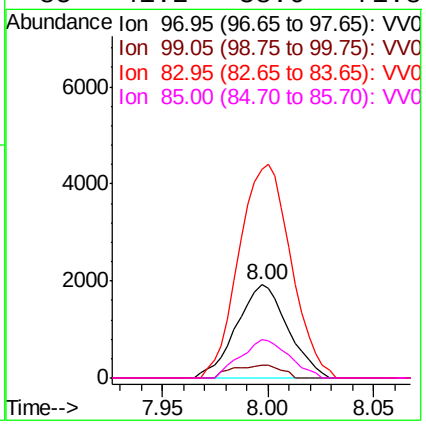


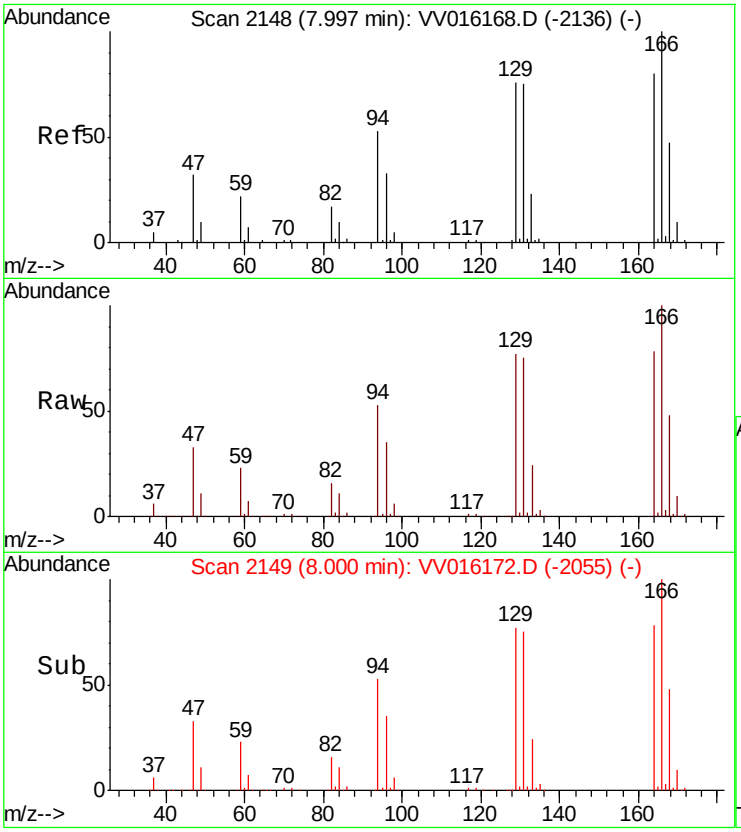


#47
1,1,2-Trichloroethane
Concen: 0.616 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 97 Resp: 3255

Ion	Ratio	Lower	Upper
97	100		
99	14.2	42.1	78.1#
83	224.8	59.2	110.0#
85	41.2	38.6	71.8



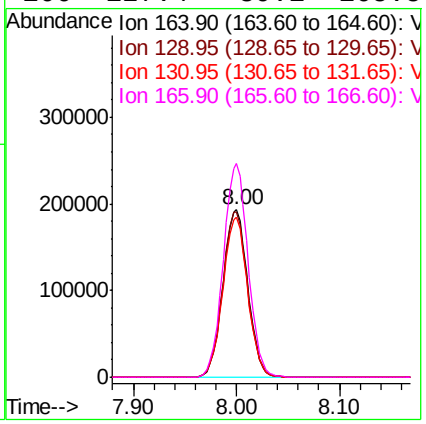


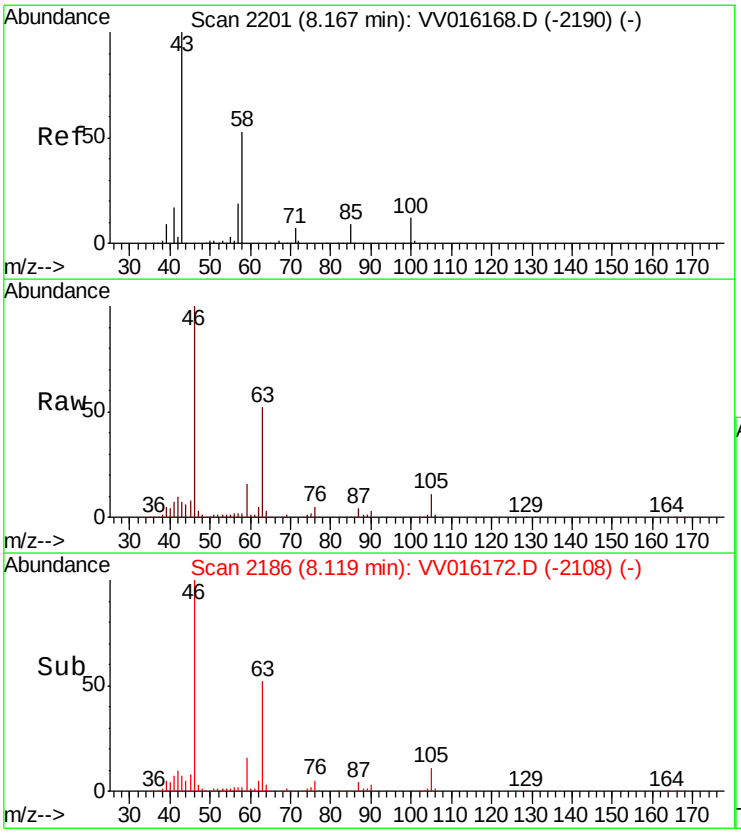
#49
Tetrachloroethene
Concen: 52.249 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 324247

Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.7	129.4
131	95.8	66.8	124.2
166	127.4	89.1	165.5

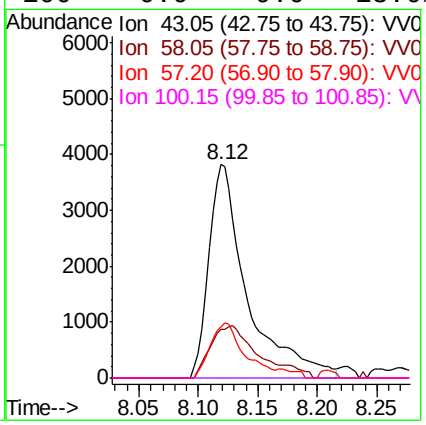


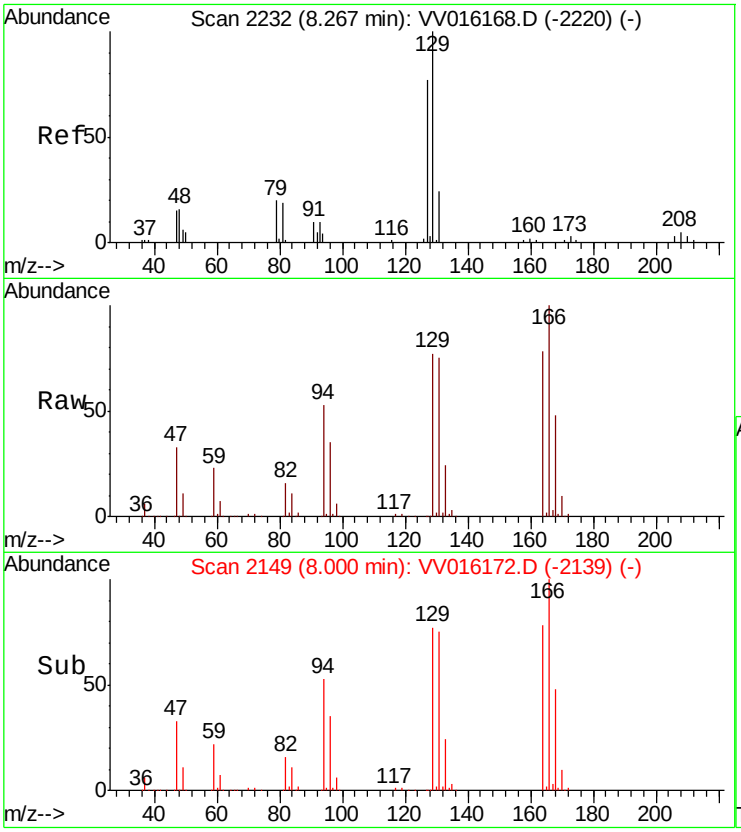


#50
2-Hexanone
Concen: 2.451 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 43 Resp: 8553

Ion	Ratio	Lower	Upper
43	100		
58	30.5	40.8	61.2#
57	24.9	14.7	22.1#
100	0.0	9.0	13.6#



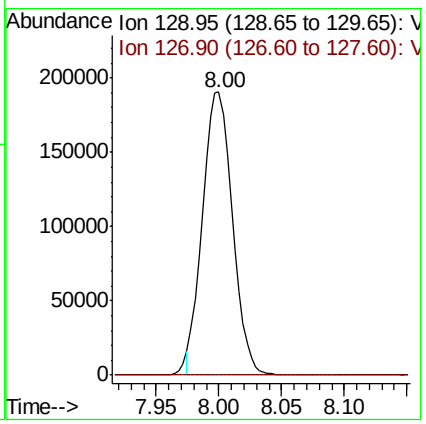


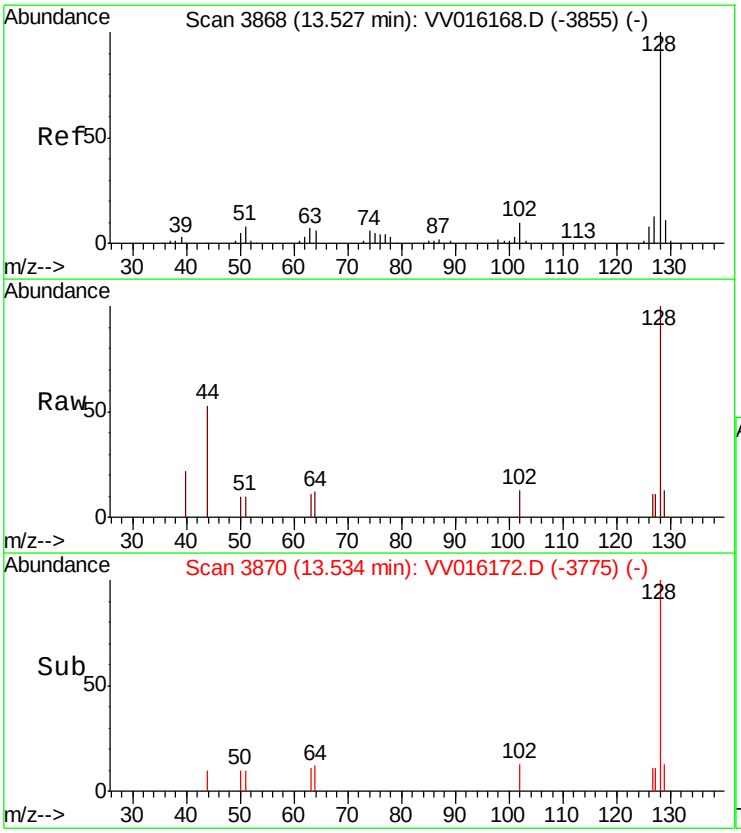
#51
Dibromochloromethane
Concen: 53.066 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 315233

Ion	Ratio	Lower	Upper
129	100		
127	0.2	56.0	104.0#





#70
Naphthalene
Concen: 0.126 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion:128 Resp: 1956

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	10.0	10.2	15.2#