Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051420\
Data File : VV016068.D
Acq On : 14 May 2020 15:48
Operator : SY/MD
Sample : L2598-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 15 06:30:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171547	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169126	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75897	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	42209	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.58	69	41138	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.13	63	89445	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.40%			
20) 2-Butanone-d5	3.93	46	123291	46.44	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.88%			
24) Chloroform-d	4.38	84	87322	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.06	65	50728	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
32) Benzene-d6	5.08	84	175456	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.10	67	56678	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.34	98	155551	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
45) trans-1,3-Dichloropropene-	7.65	79	18737	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
48) 2-Hexanone-d5	8.12	63	95072	44.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.78%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39723	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	57677	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2814	0.214	ug/L	96
8) Chloroethane	1.59	64	4053	0.447	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	929	0.094	ug/L #	40
12) 1,1-Dichloroethene	2.14	96	43604	4.619	ug/L	92
13) Acetone	2.21	43	3161	1.805	ug/L	91
25) Chloroform	4.41	83	8515	0.385	ug/L	100
33) Benzene	5.13	78	221802	5.213	ug/L	100
34) Trichloroethene	5.94	95	59461	4.896	ug/L	97
35) Methylcyclohexane	6.09	83	13915	0.757	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6970	0.645	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1621	0.106	ug/L #	57
42) Toluene	7.41	91	236550	5.245	ug/L	98
49) Tetrachloroethene	8.00	164	53806	6.349	ug/L	98
50) 2-Hexanone	8.12	43	15711	3.297	ug/L #	79
51) Dibromochloromethane	8.00	129	51235	6.316	ug/L #	9
53) Chlorobenzene	8.90	112	157288	5.422	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051420\
Data File : VV016068.D
Acq On : 14 May 2020 15:48
Operator : SY/MD
Sample : L2598-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 15 06:30:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

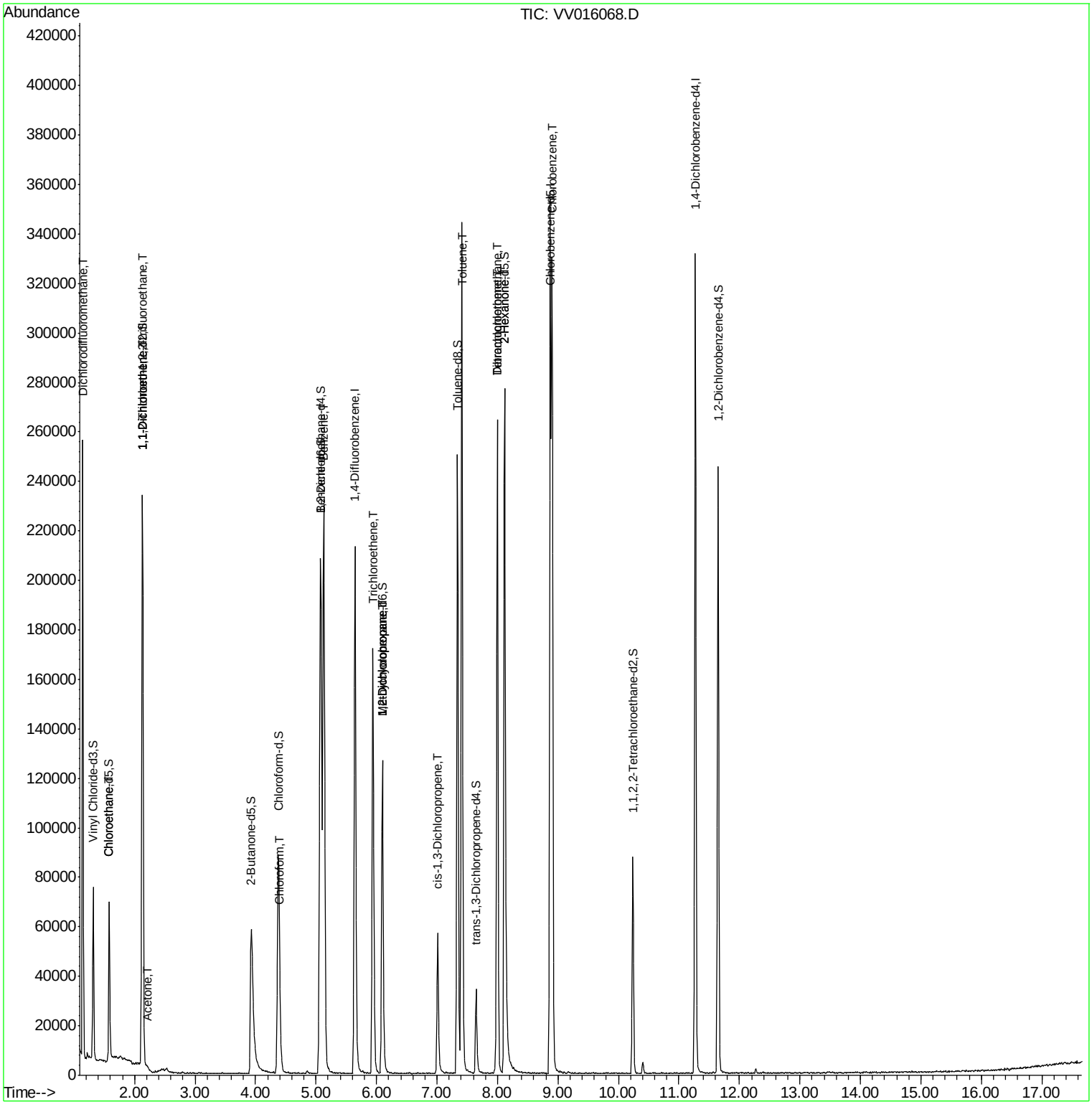
(#) = qualifier out of range (m) = manual integration (+) = signals summed

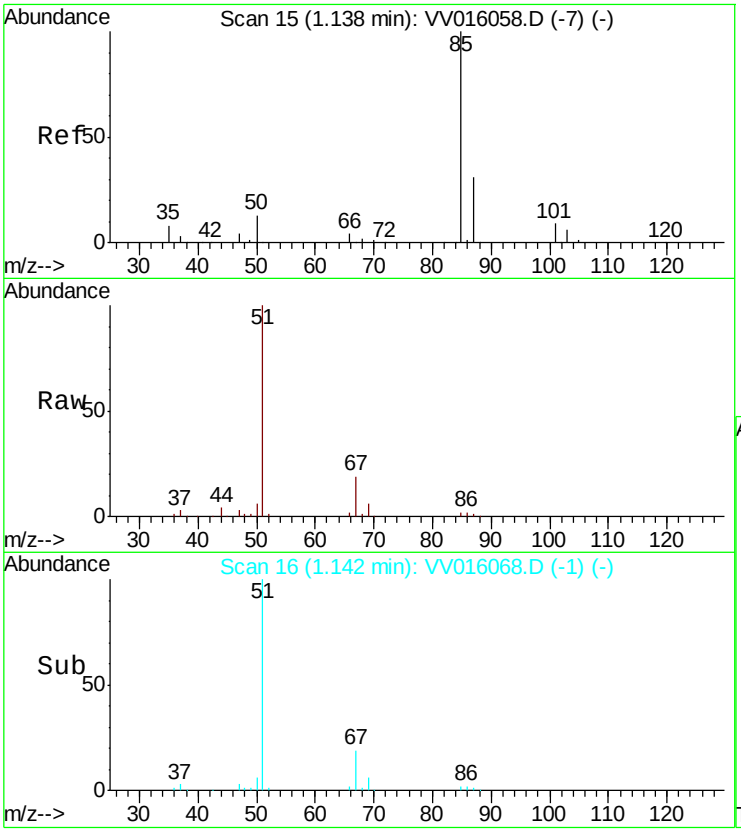
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051420\
Data File : VV016068.D
Acq On : 14 May 2020 15:48
Operator : SY/MD
Sample : L2598-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 15 06:30:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration



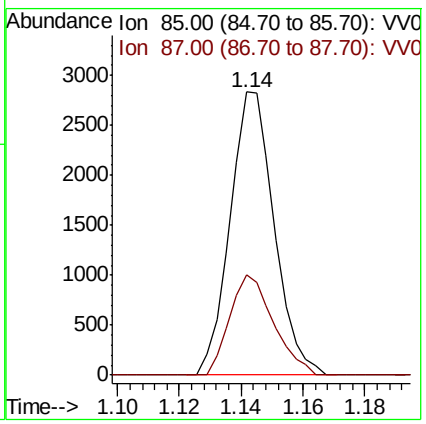


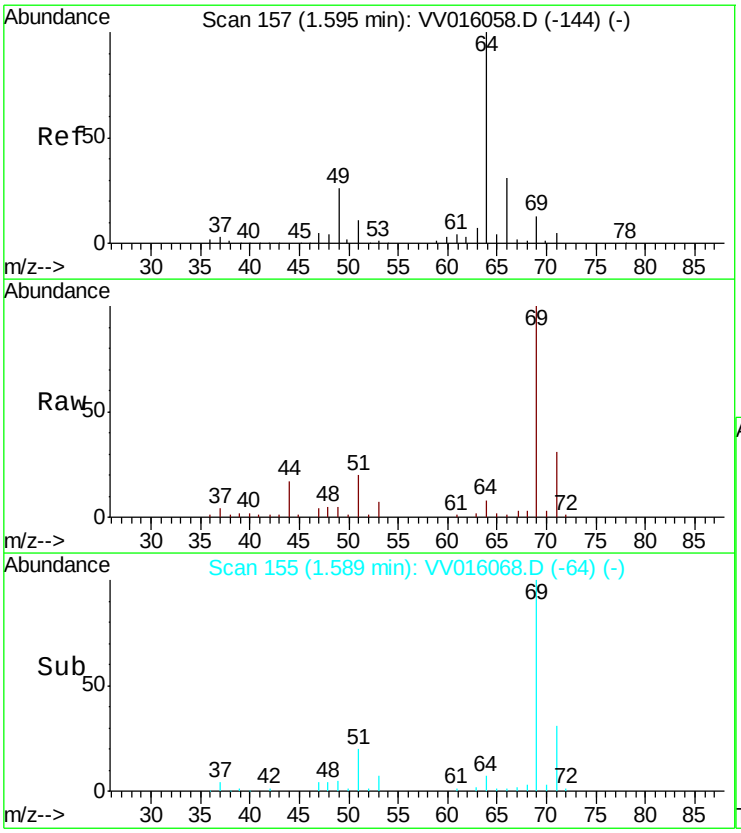
#2
Dichlorodifluoromethane
Concen: 0.214 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 2814

Ion	Ratio	Lower	Upper
85	100		
87	35.0	26.4	39.6

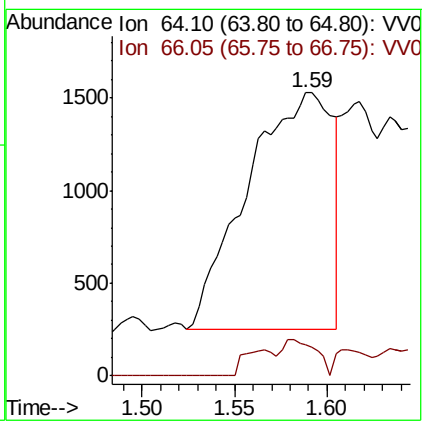


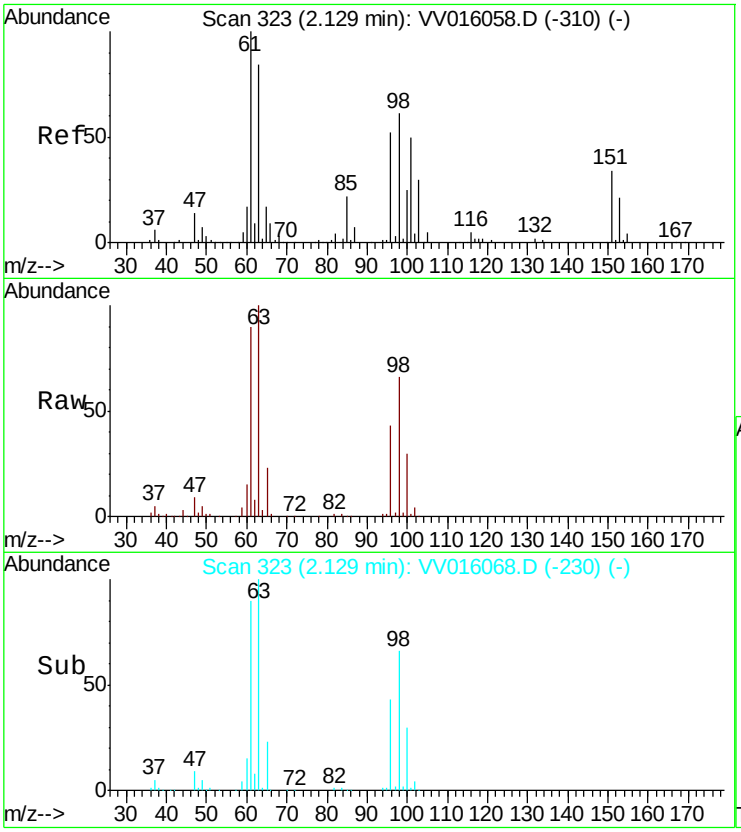


#8
Chloroethane
Concen: 0.447 ug/L
RT: 1.59 min Scan# 155
Delta R.T. -0.01 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 64 Resp: 4053

Ion	Ratio	Lower	Upper
64	100		
66	10.9	23.6	43.8#



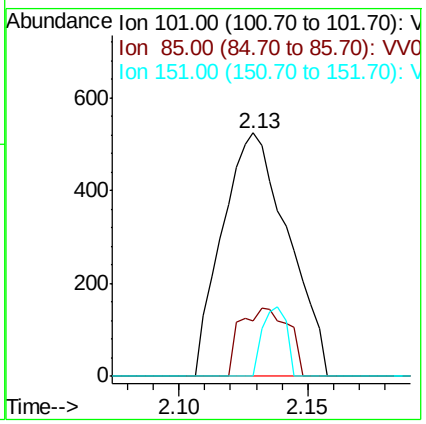


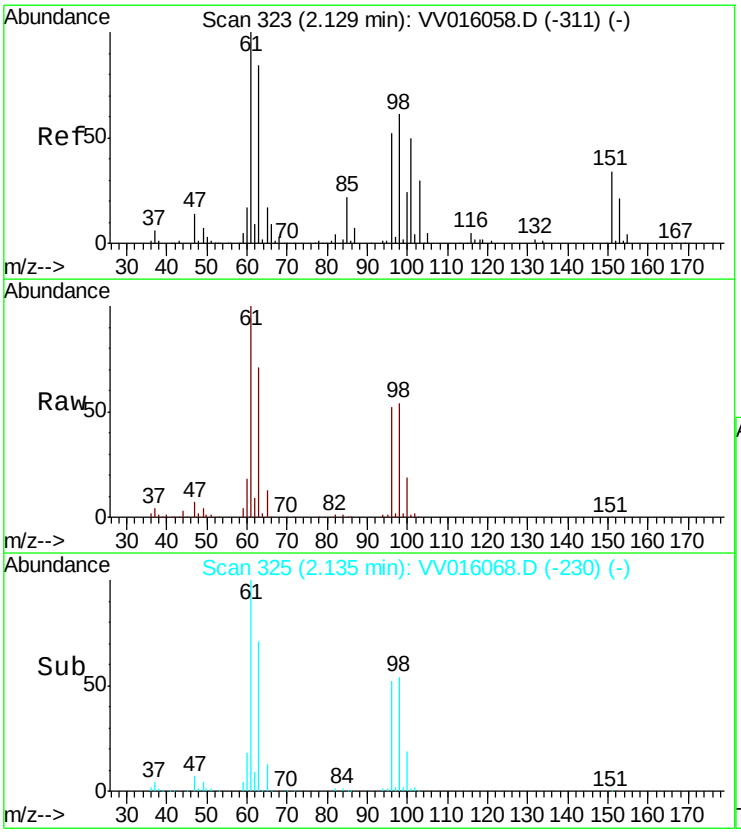
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 929

Ion	Ratio	Lower	Upper
101	100		
85	20.6	35.7	53.5#
151	10.7	58.0	87.0#

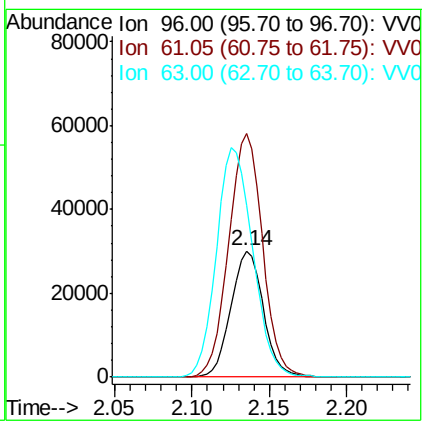


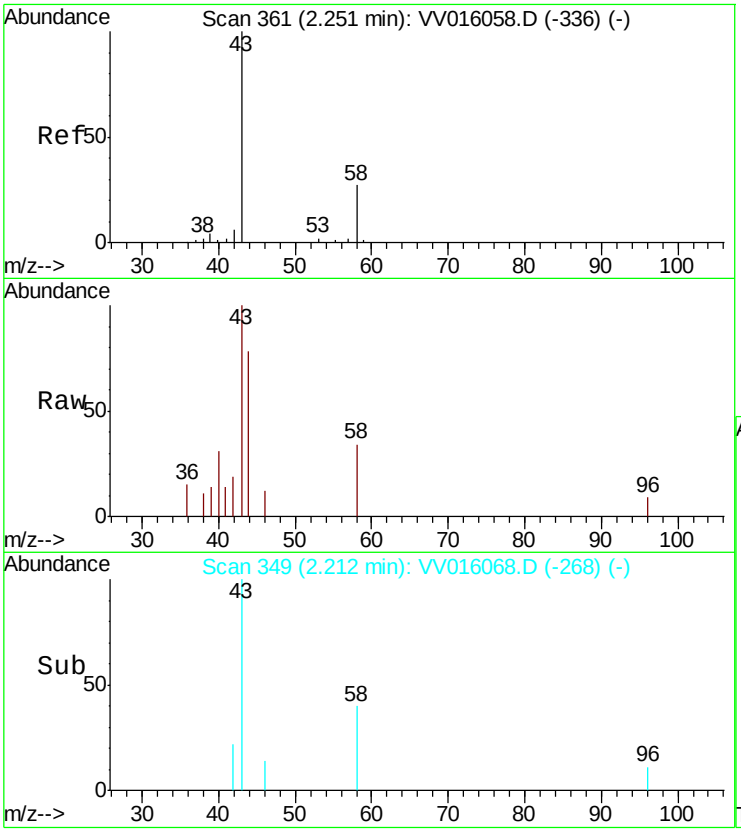


#12
1,1-Dichloroethene
Concen: 4.619 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 96 Resp: 43604

Ion	Ratio	Lower	Upper
96	100		
61	192.5	139.9	259.7
63	135.9	106.4	197.6



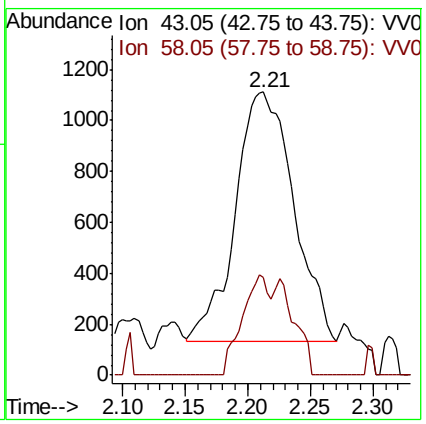


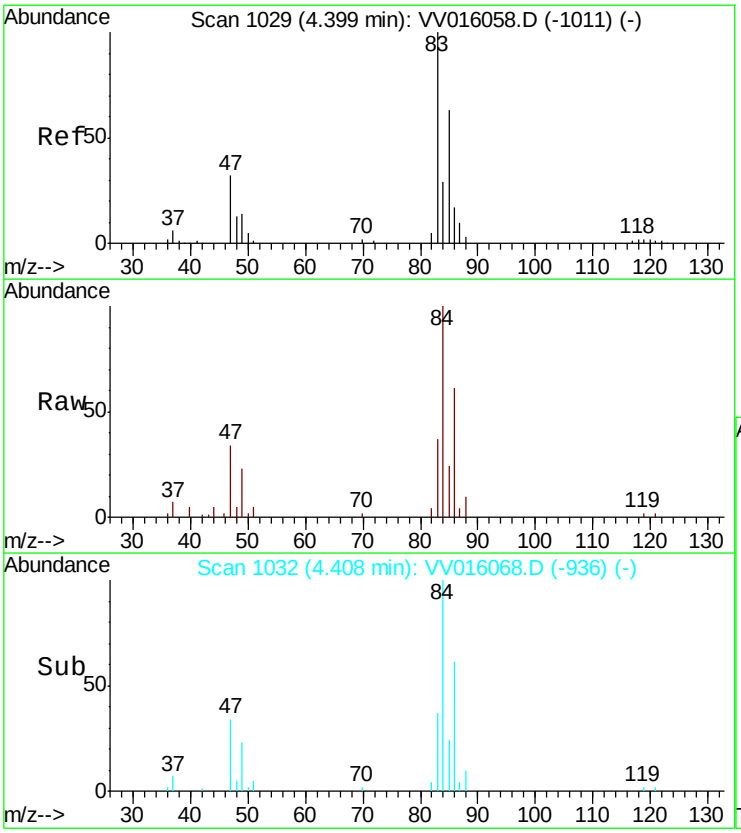
#13
Acetone
Concen: 1.805 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.04 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3161

Ion	Ratio	Lower	Upper
43	100		
58	19.3	0.0	30.8

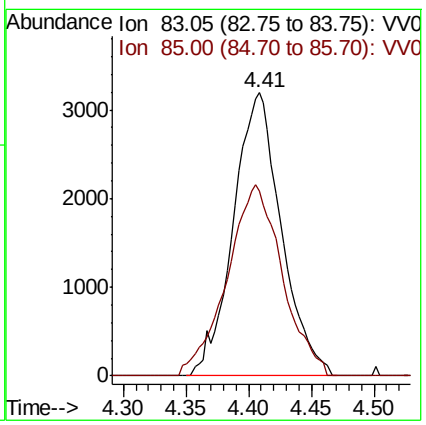


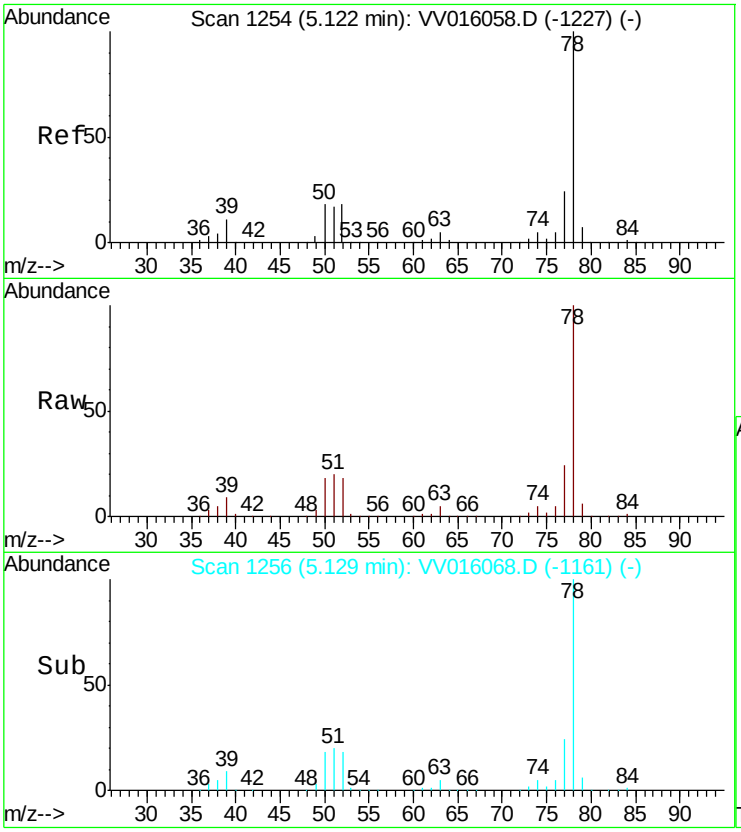


#25
Chloroform
Concen: 0.385 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 83 Resp: 8515

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.7	84.9

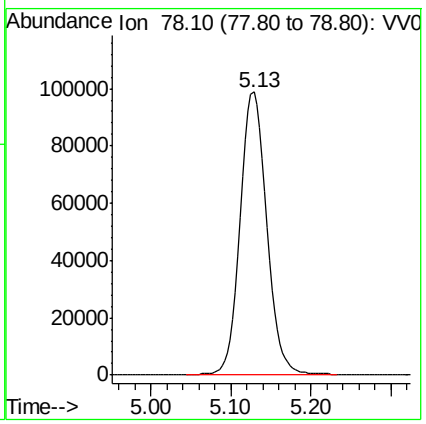


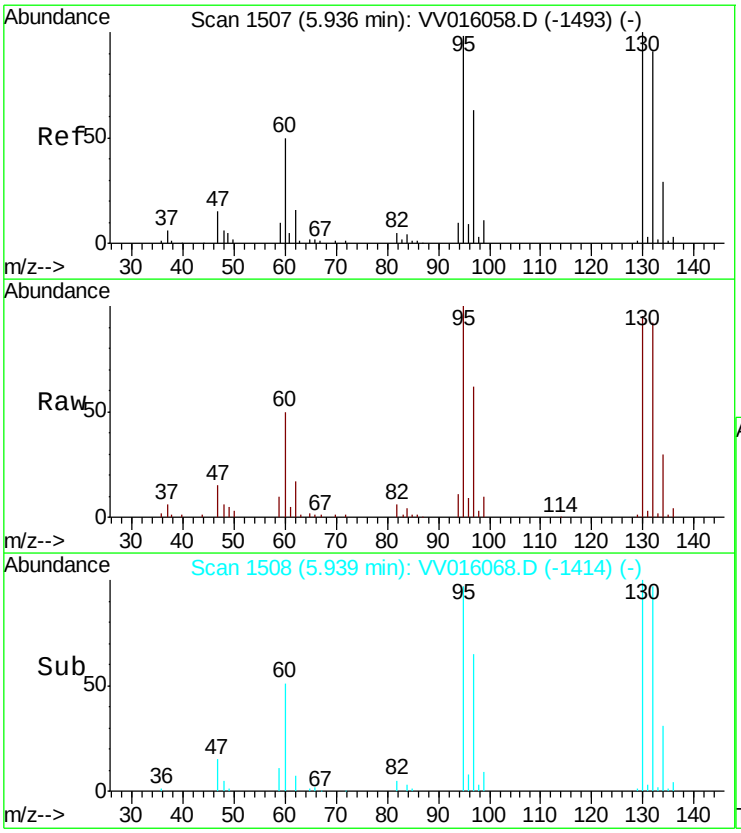


#33
Benzene
Concen: 5.213 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 221802

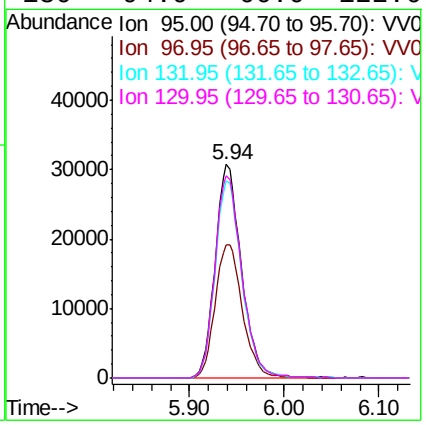


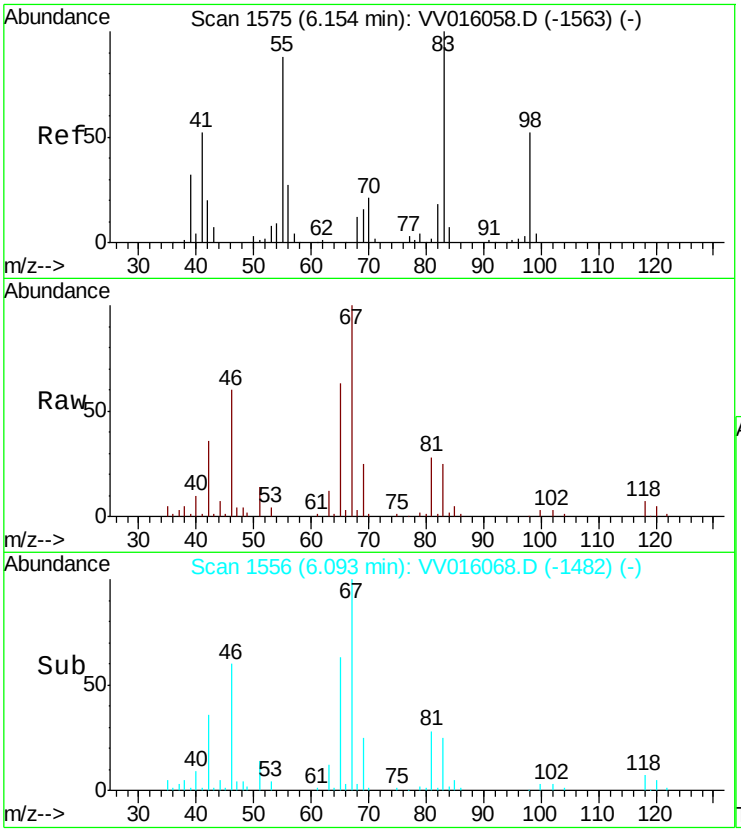


#34
Trichloroethene
Concen: 4.896 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 95 Resp: 59461

Ion	Ratio	Lower	Upper
95	100		
97	62.1	43.3	80.5
132	92.2	60.3	112.1
130	94.9	66.0	122.6



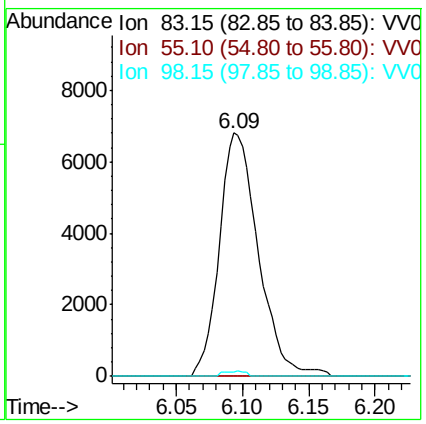


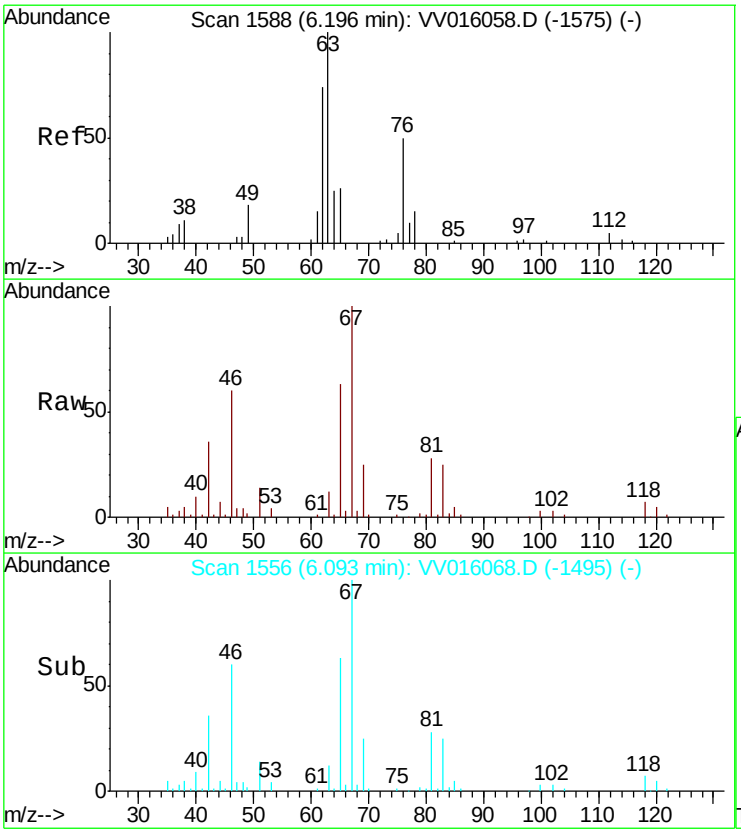
#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13915

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.2#
98	1.2	37.9	56.9#

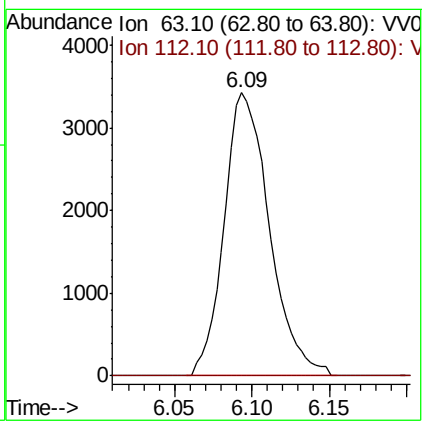


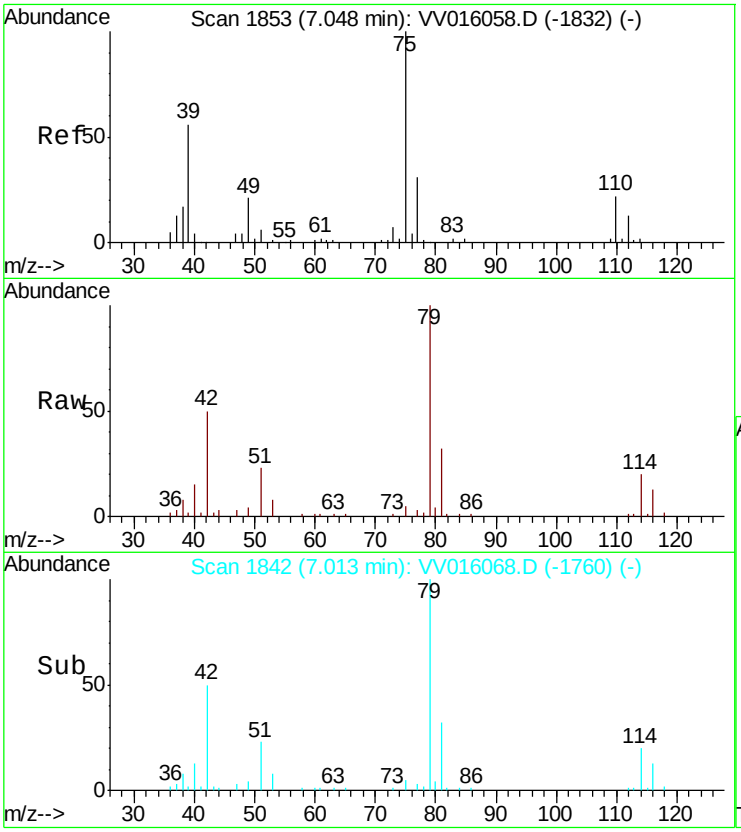


#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 63 Resp: 6970

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



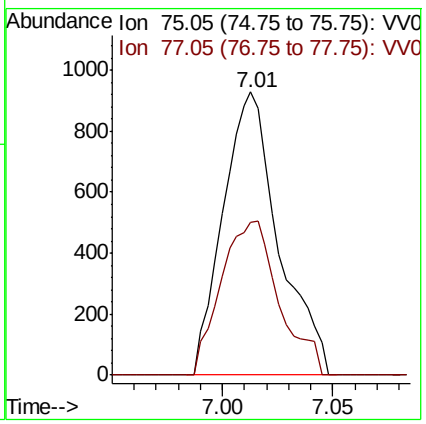


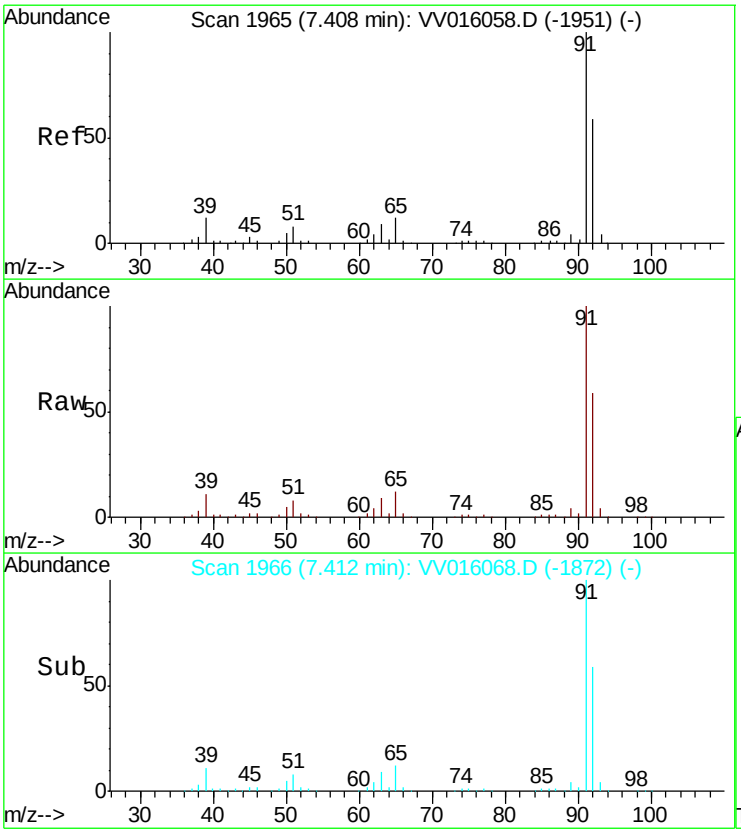
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1621

Ion	Ratio	Lower	Upper
75	100		
77	53.9	21.3	39.5#

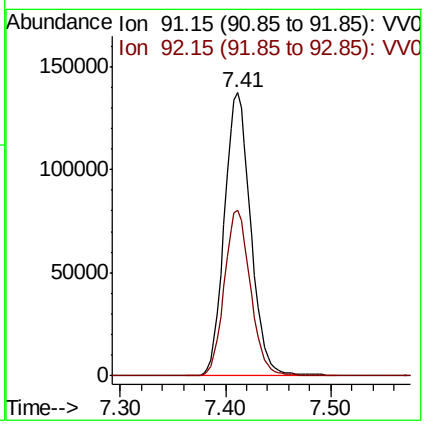


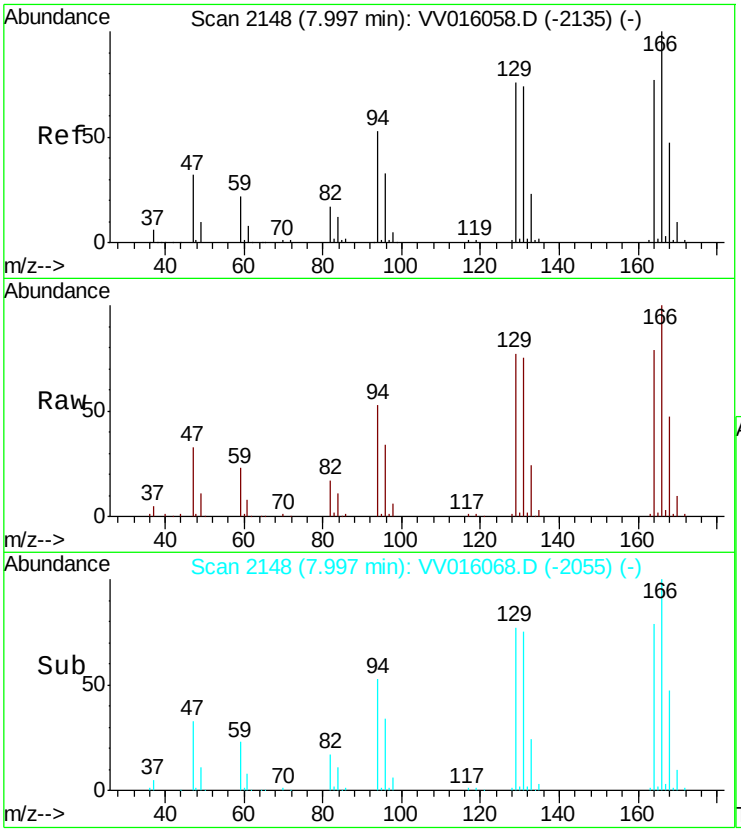


#42
Toluene
Concen: 5.245 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 91 Resp: 236550

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.1	74.5



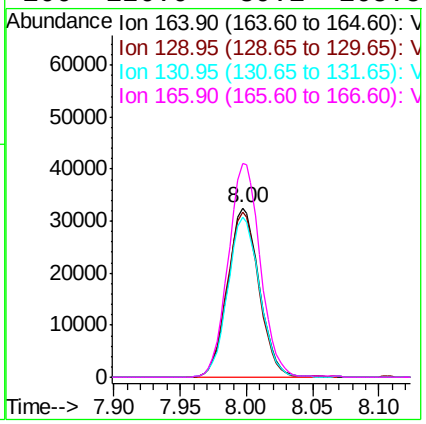


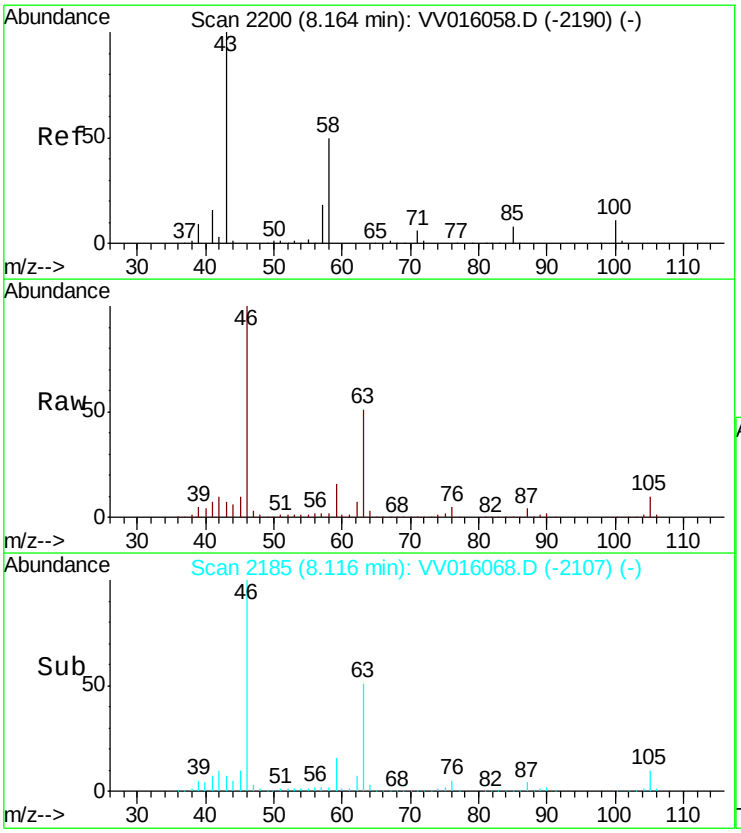
#49
Tetrachloroethene
Concen: 6.349 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 53806

Ion	Ratio	Lower	Upper
164	100		
129	97.4	69.7	129.4
131	94.1	66.8	124.2
166	126.0	89.1	165.5

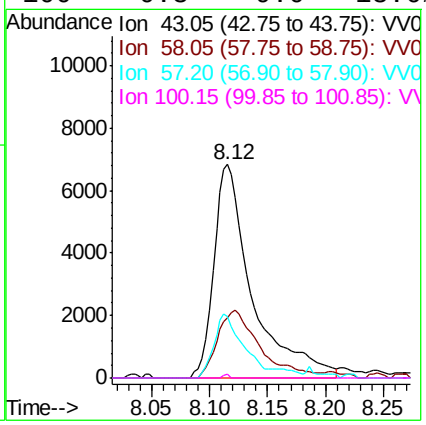


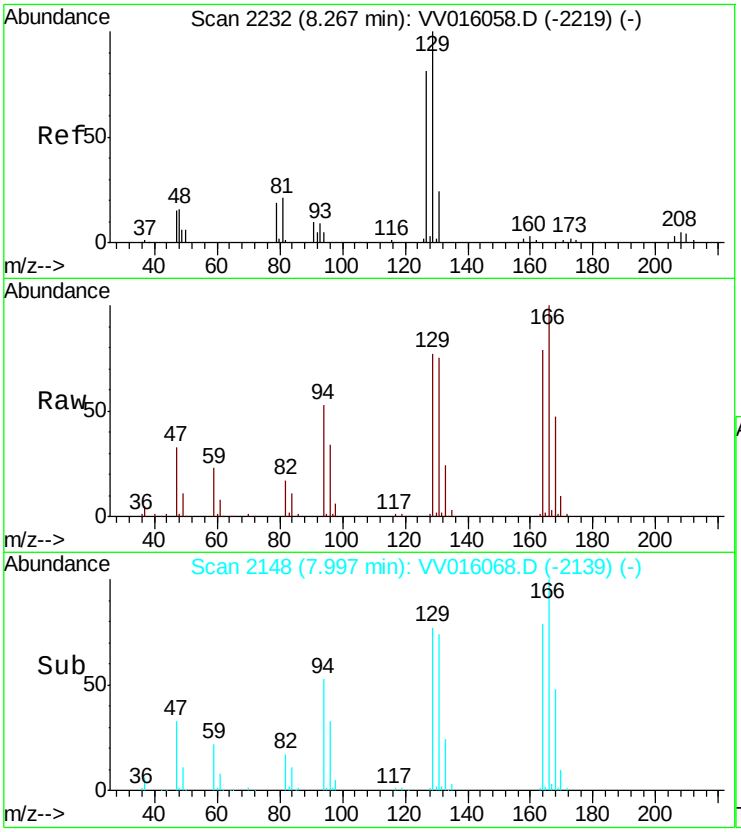


#50
2-Hexanone
Concen: 3.297 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion: 43 Resp: 15711

Ion	Ratio	Lower	Upper
43	100		
58	35.1	40.8	61.2#
57	23.0	14.7	22.1#
100	0.3	9.0	13.6#



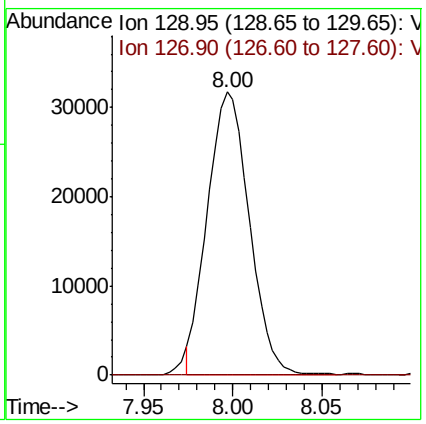


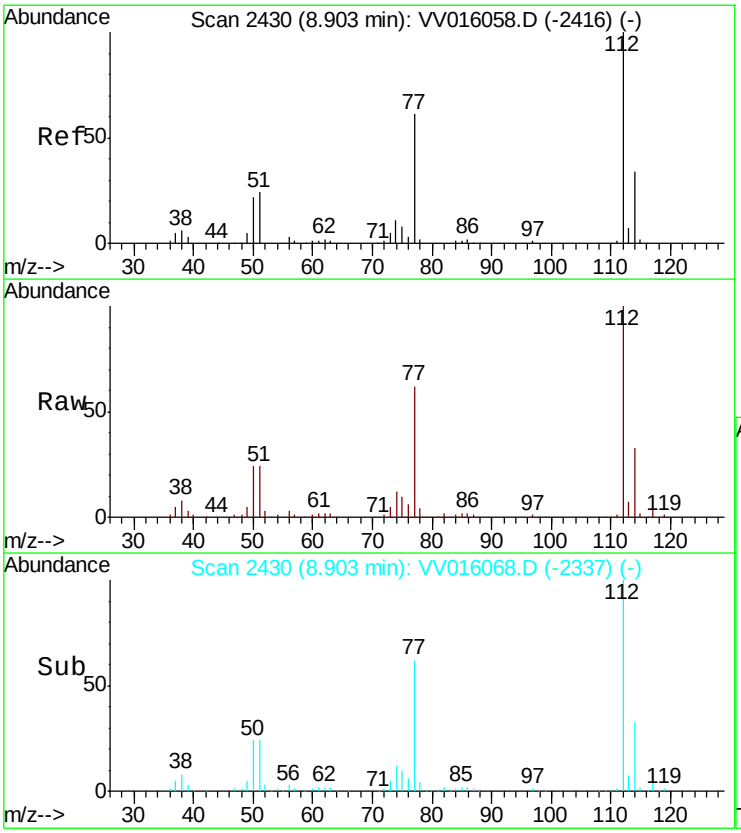
#51
Dibromochloromethane
Concen: 6.316 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 51235

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.0	104.0#





#53
Chlorobenzene
Concen: 5.422 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016068.D
Acq: 14 May 2020 15:48

Tgt Ion:112 Resp: 157288

Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.6	40.0
77	61.5	48.6	73.0