Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051120\
Data File : VV015988.D
Acq On : 11 May 2020 14:38
Operator : SY/MD
Sample : L2520-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 12 01:11:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144609	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142834	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65200	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30016	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.58	69	31675	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.12	63	53733	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	3.93	46	116742	52.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	4.38	84	77653	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.06	65	46698	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.08	84	152253	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.10	67	49951	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.34	98	137754	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
45) trans-1,3-Dichloropropene-	7.65	79	16999	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
48) 2-Hexanone-d5	8.12	63	82455	46.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.20%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35281	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	53066	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1295	0.115	ug/L #	77
8) Chloroethane	1.46	64	148089	19.375	ug/L #	48
12) 1,1-Dichloroethene	2.13	96	6004	0.754	ug/L #	1
25) Chloroform	4.41	83	6509	0.349	ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	4170	0.265	ug/L	99
34) Trichloroethene	5.95	95	1138	0.111	ug/L	94
35) Methylcyclohexane	6.10	83	12106	0.780	ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	1421	0.110	ug/L #	64
46) trans-1,3-Dichloropropene	7.65	75	719	0.066	ug/L #	72
49) Tetrachloroethene	8.00	164	7706	1.077	ug/L	91
50) 2-Hexanone	8.12	43	12128	3.014	ug/L #	78
51) Dibromochloromethane	8.00	129	7423	1.084	ug/L #	9

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

Quantitation Report (Not Reviewed)

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 12 01:11:27 2020
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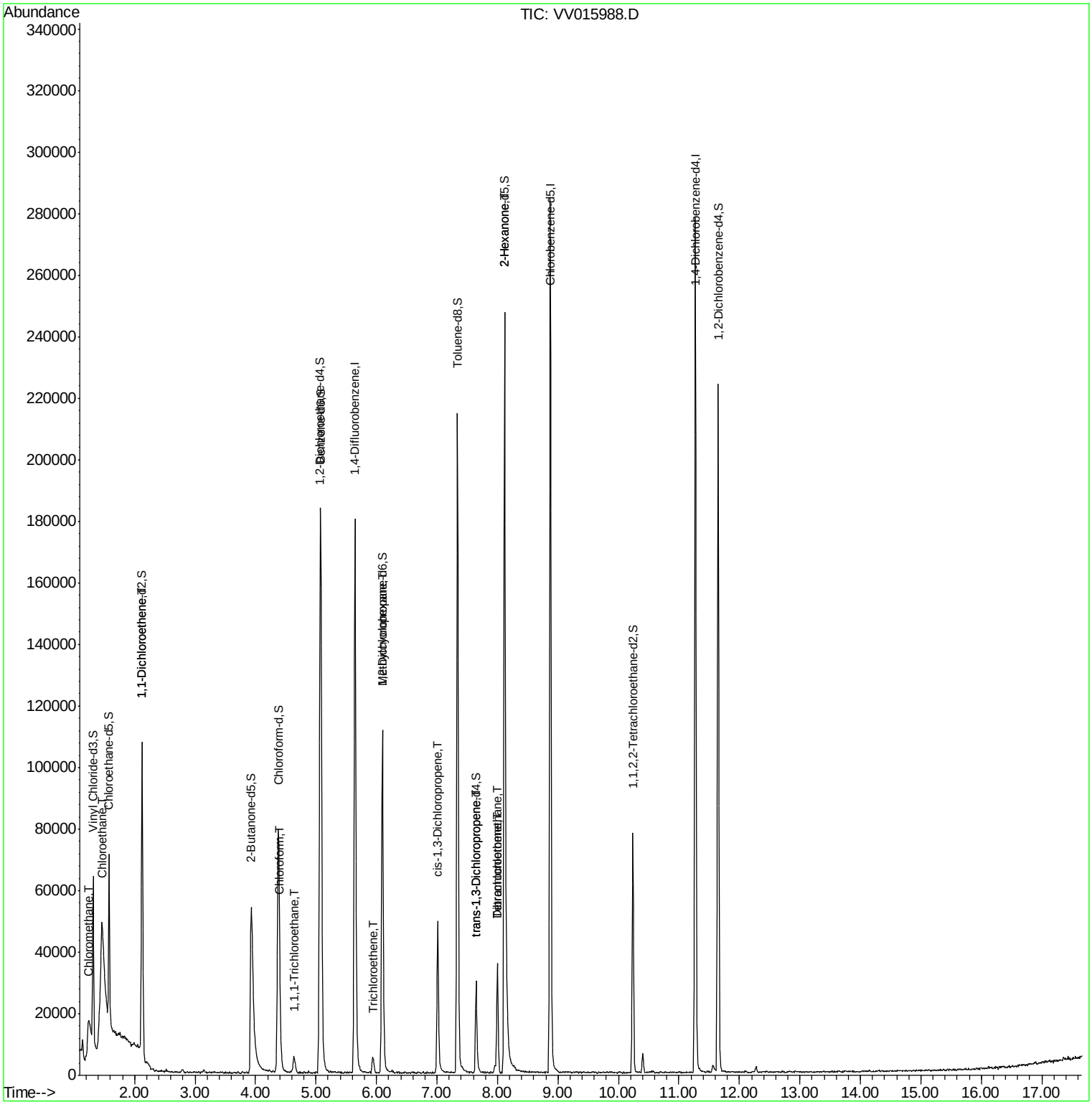
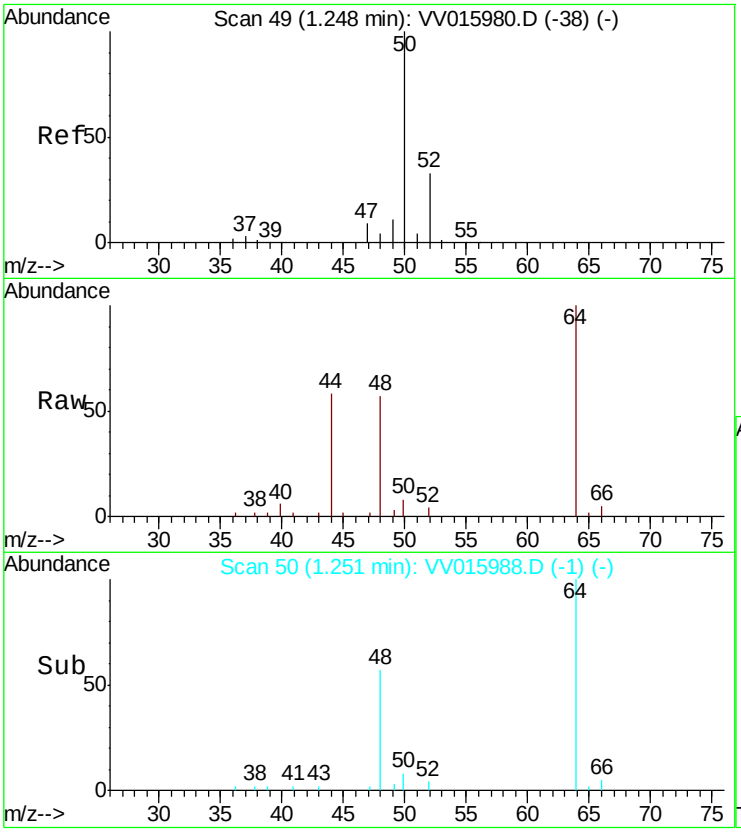
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration



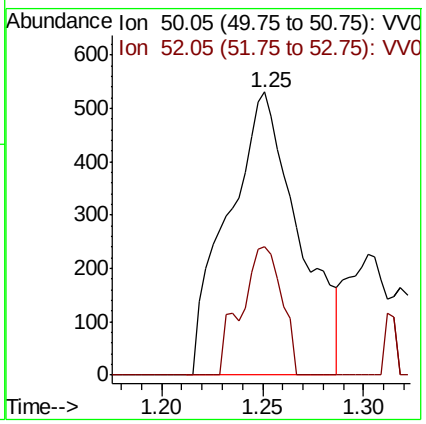


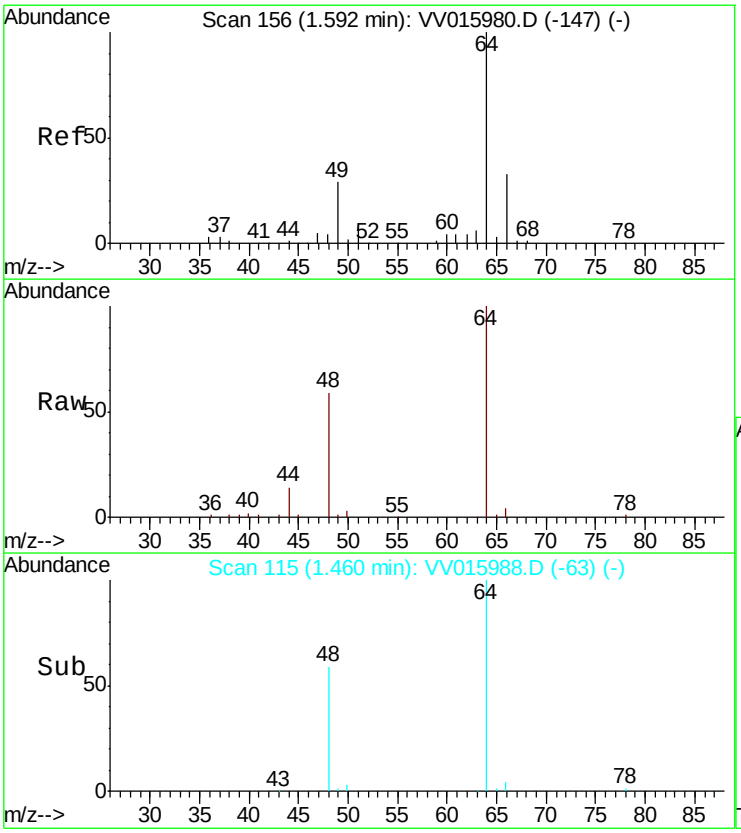
#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1295

Ion	Ratio	Lower	Upper
50	100		
52	45.4	22.8	42.4#

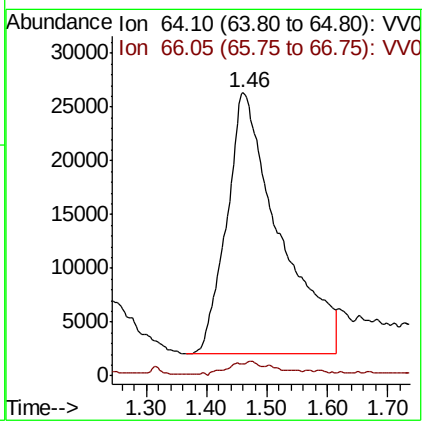


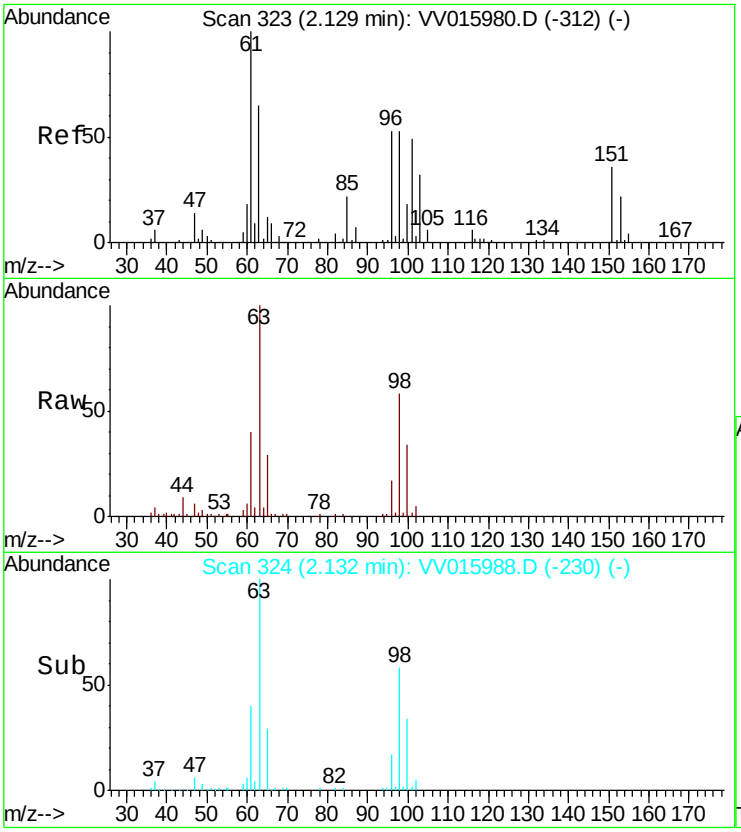


#8
Chloroethane
Concen: 19.375 ug/L
RT: 1.46 min Scan# 115
Delta R.T. -0.13 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Tgt Ion: 64 Resp: 148089

Ion	Ratio	Lower	Upper
64	100		
66	4.1	23.6	43.8#



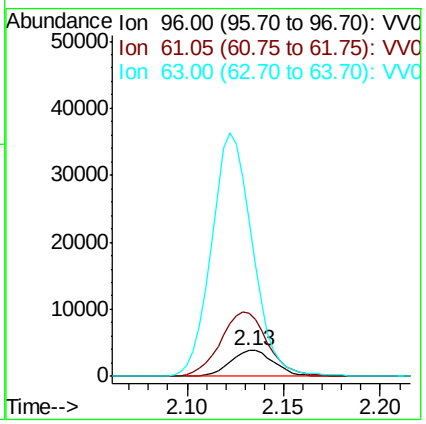


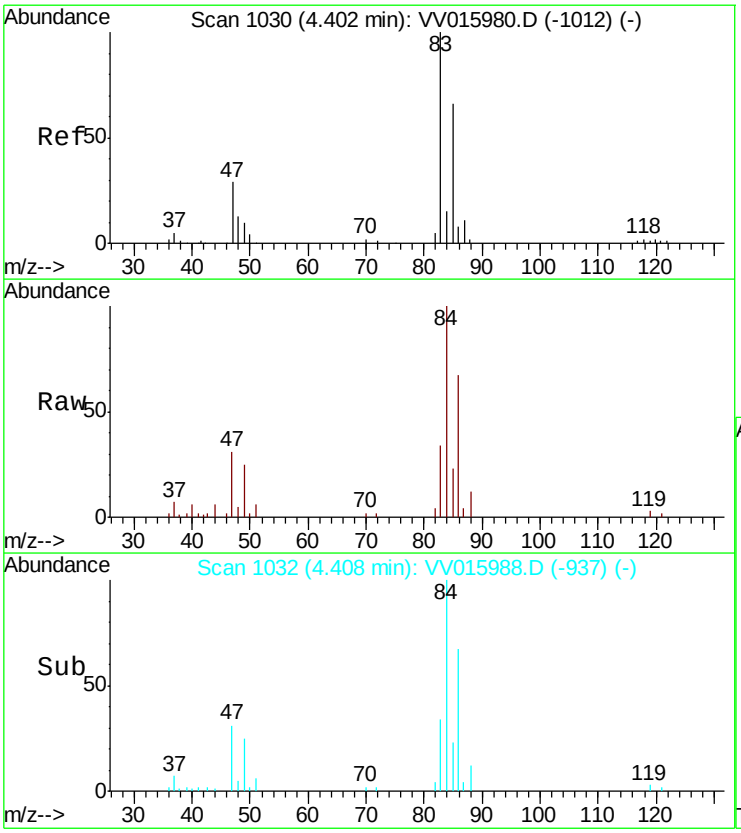
#12
1,1-Dichloroethene
Concen: 0.754 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 6004

Ion	Ratio	Lower	Upper
96	100		
61	244.6	139.9	259.7
63	605.5	106.4	197.6#

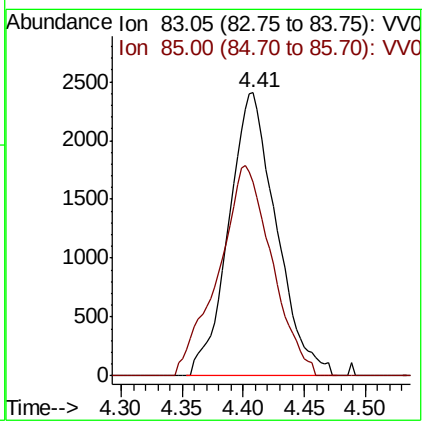


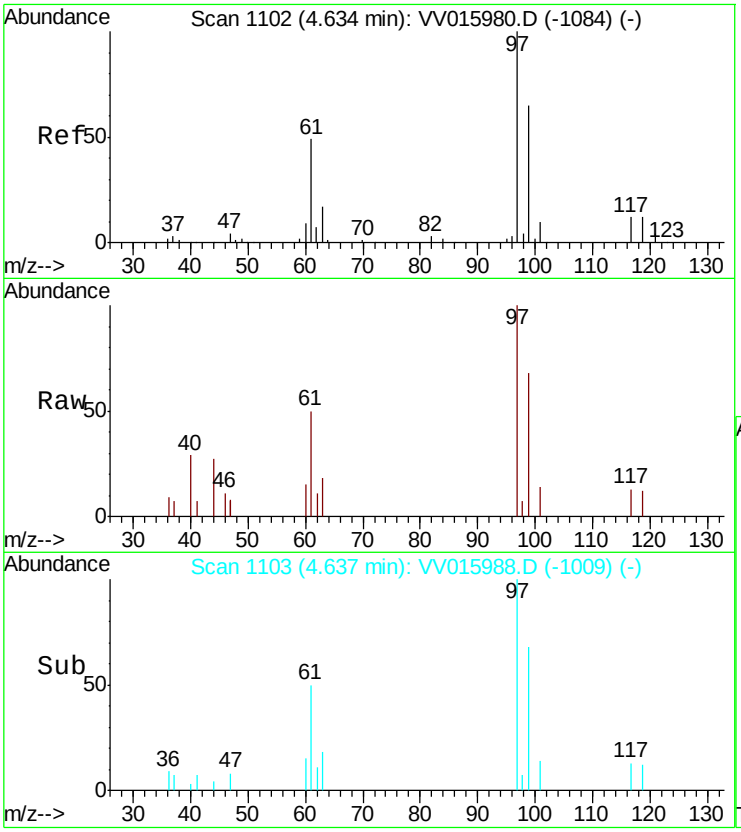


#25
Chloroform
Concen: 0.349 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Tgt Ion: 83 Resp: 6509

Ion	Ratio	Lower	Upper
83	100		
85	68.6	45.7	84.9



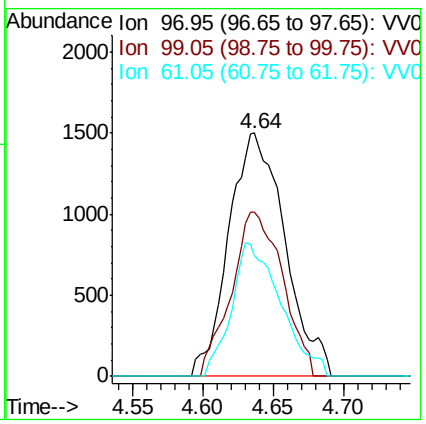


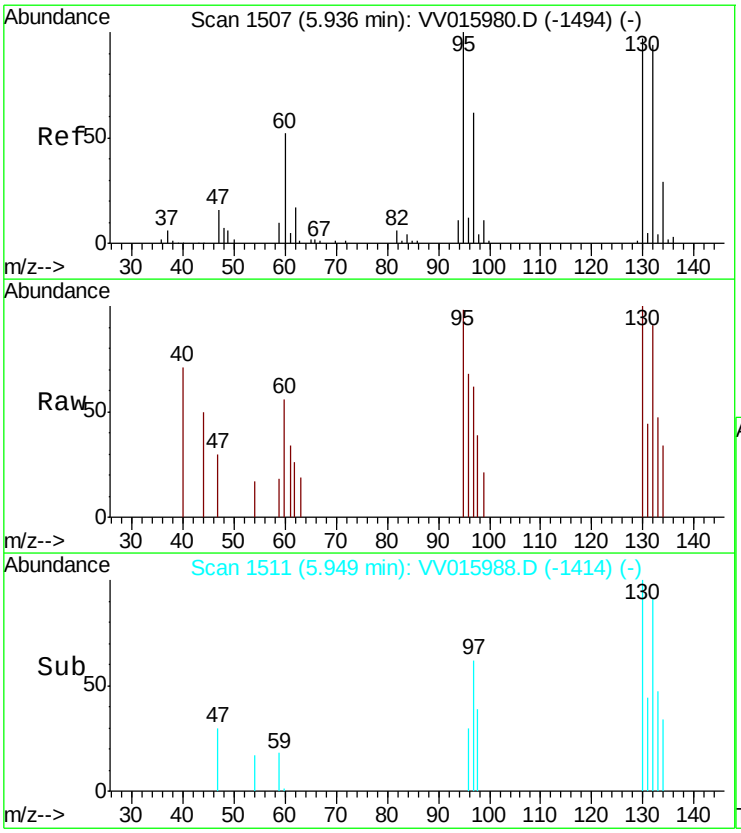
#29
1,1,1-Trichloroethane
Concen: 0.265 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 4170

Ion	Ratio	Lower	Upper
97	100		
99	61.7	50.7	76.1
61	48.3	38.8	58.2

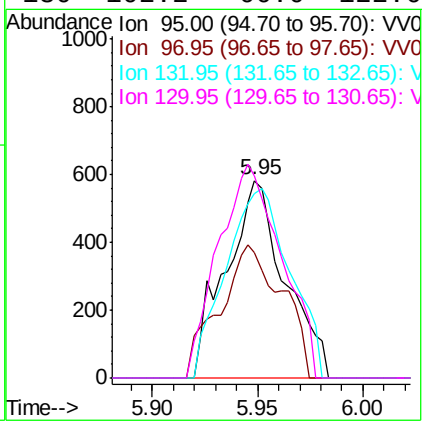


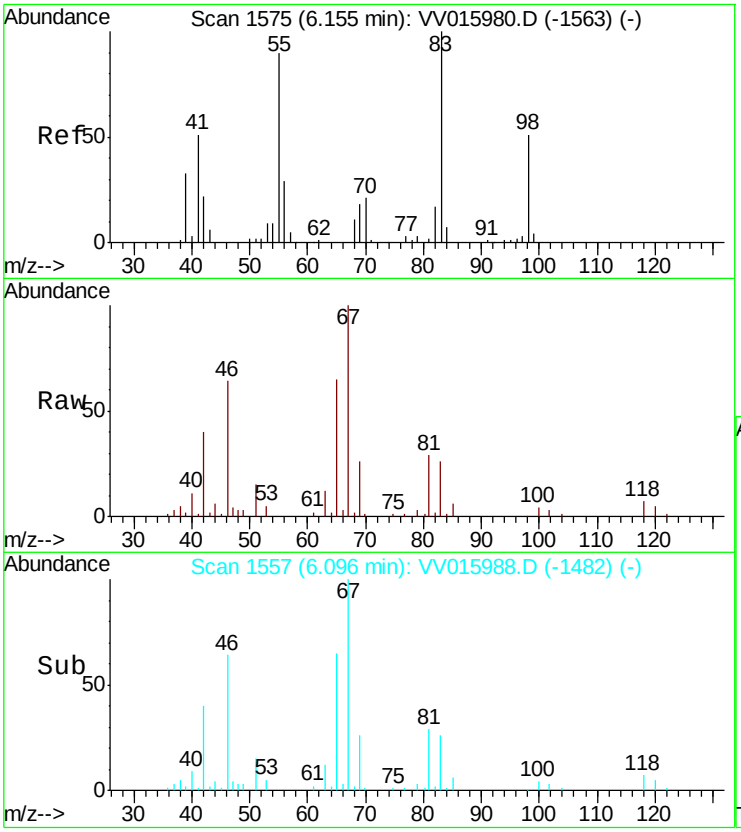


#34
Trichloroethene
Concen: 0.111 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Tgt Ion: 95 Resp: 1138

Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.3	80.5
132	93.0	60.3	112.1
130	102.2	66.0	122.6



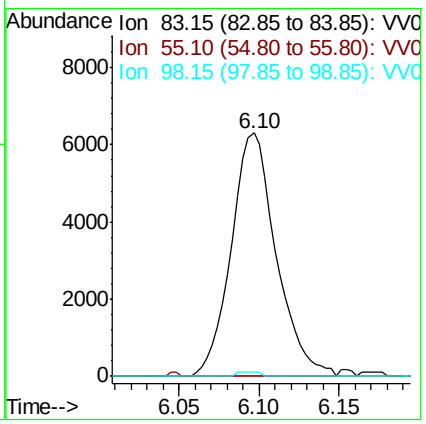


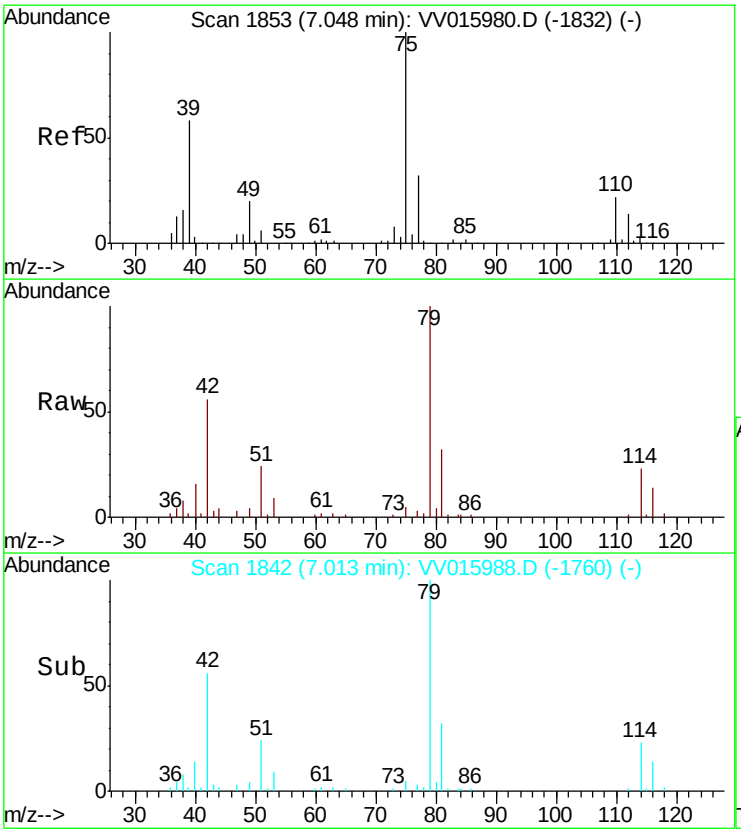
#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 12106

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.2	99.2#
98	0.8	37.9	56.9#

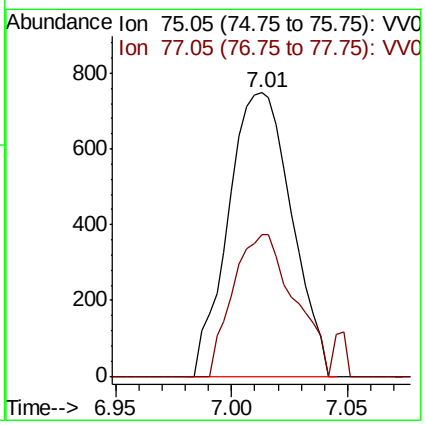


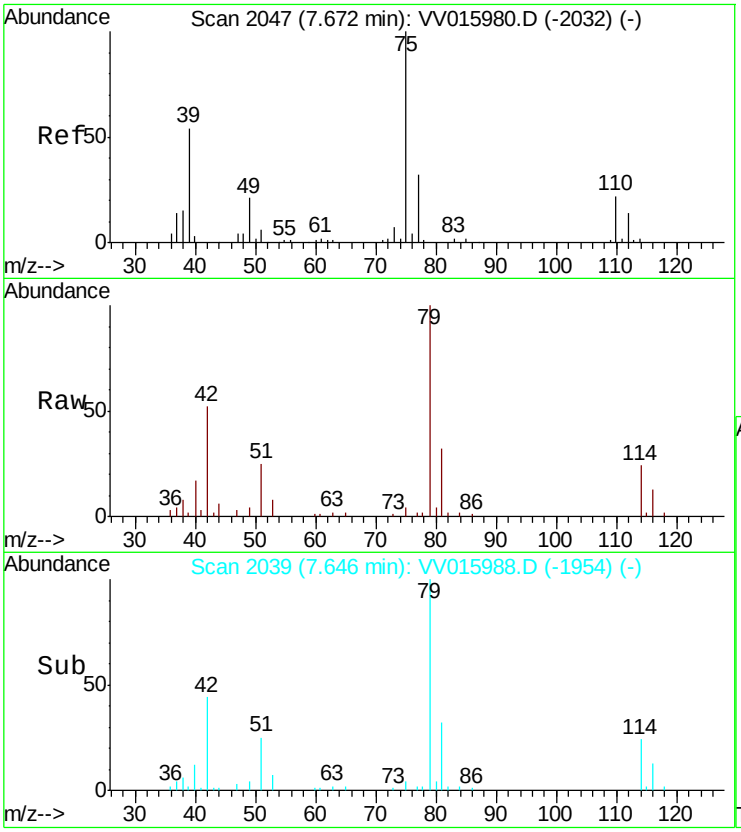


#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Tgt Ion: 75 Resp: 1421

Ion	Ratio	Lower	Upper
75	100		
77	50.0	21.3	39.5#



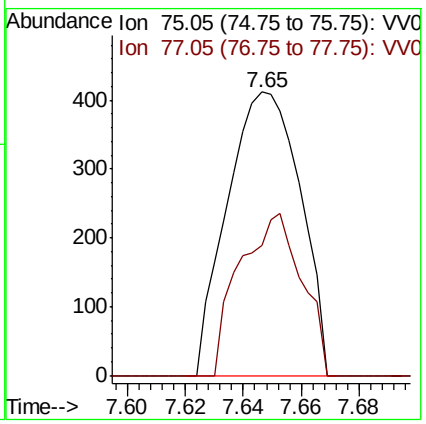


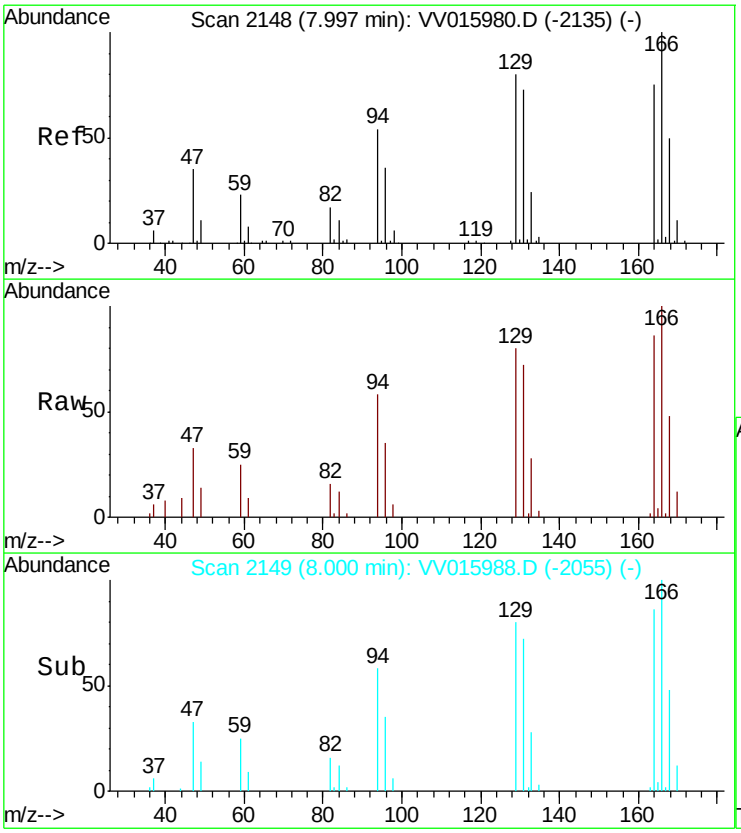
#46
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 719

Ion	Ratio	Lower	Upper
75	100		
77	45.9	21.3	39.6#

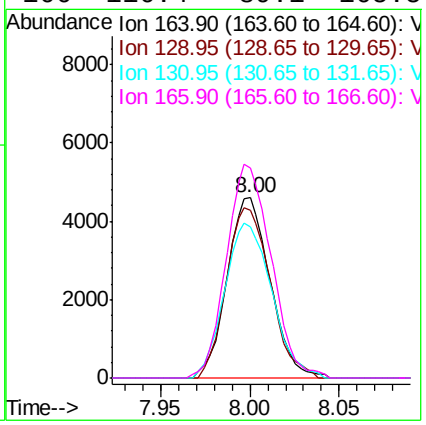


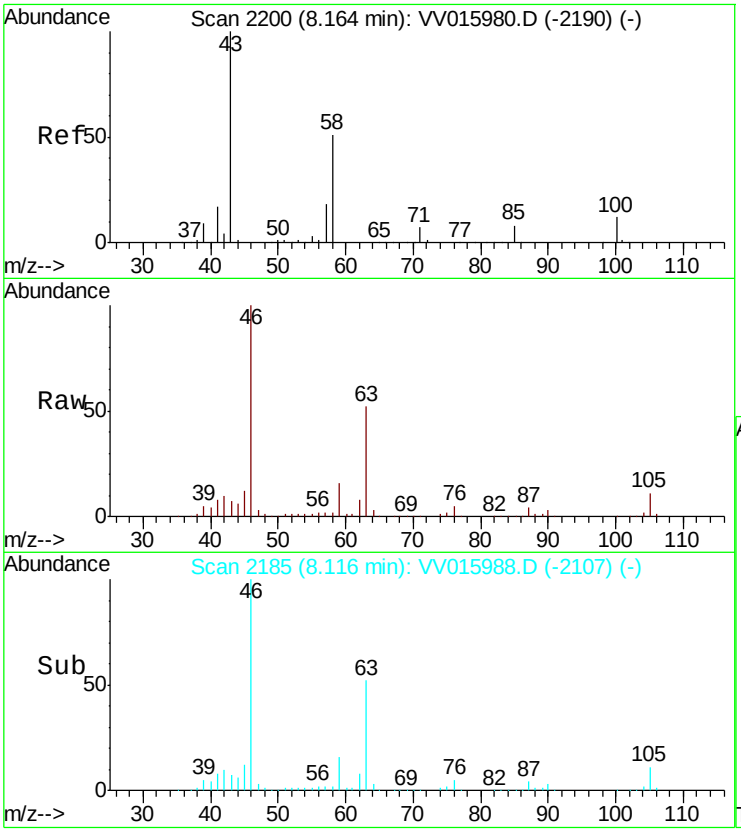


#49
Tetrachloroethene
Concen: 1.077 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Tgt Ion:164 Resp: 7706

Ion	Ratio	Lower	Upper
164	100		
129	93.2	69.7	129.4
131	83.6	66.8	124.2
166	116.4	89.1	165.5



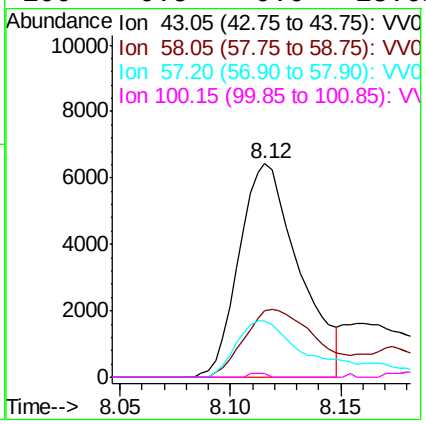


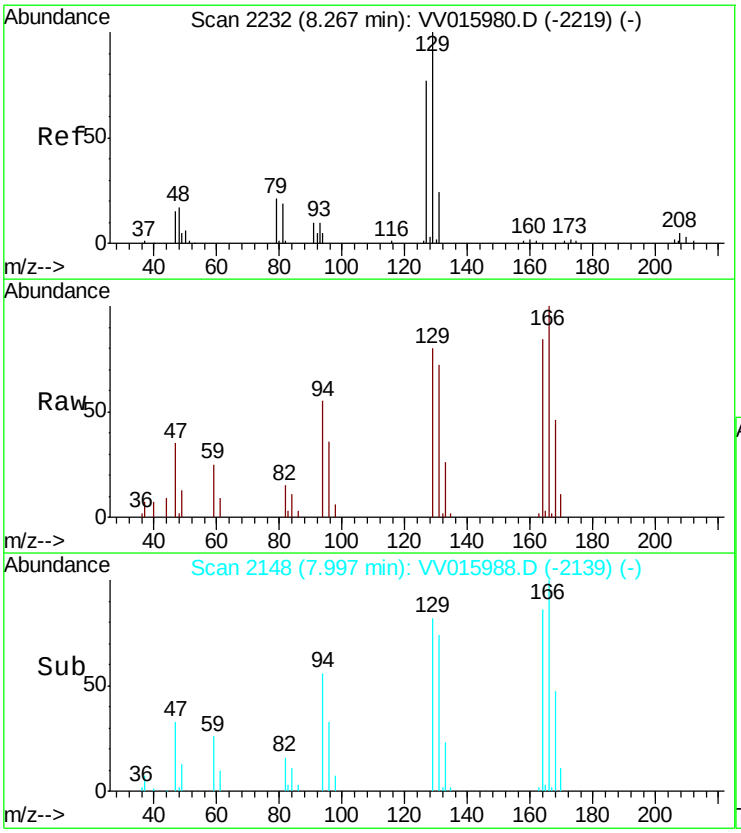
#50
2-Hexanone
Concen: 3.014 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 12128

Ion	Ratio	Lower	Upper
43	100		
58	38.3	40.8	61.2#
57	30.2	14.7	22.1#
100	0.5	9.0	13.6#





#51
Dibromochloromethane
Concen: 1.084 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015988.D
Acq: 11 May 2020 14:38

Tgt Ion:129 Resp: 7423

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.0	104.0#