Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051120\
Data File : VV015989.D
Acq On : 11 May 2020 15:01
Operator : SY/MD
Sample : L2520-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 12 01:11:43 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	140256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140732	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63872	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31083	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.58	69	31391	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.12	63	52327	3.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.00%			
20) 2-Butanone-d5	3.93	46	112360	51.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.54%			
24) Chloroform-d	4.38	84	83376	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.06	65	47321	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.08	84	156262	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.09	67	50988	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.34	98	141610	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
45) trans-1,3-Dichloropropene-	7.65	79	17434	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
48) 2-Hexanone-d5	8.12	63	80235	45.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.06%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36339	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55466	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1771	0.165	ug/L	96
3) Chloromethane	1.25	50	1783	0.164	ug/L	88
8) Chloroethane	1.37	64	96479	13.014	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	889	0.110	ug/L #	55
12) 1,1-Dichloroethene	2.13	96	2197	0.285	ug/L #	1
13) Acetone	2.22	43	4362	3.047	ug/L	78
14) Carbon disulfide	2.31	76	10581	0.415	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	3654	0.182	ug/L #	68
22) cis-1,2-Dichloroethene	3.95	96	2239	0.251	ug/L	95
25) Chloroform	4.41	83	6691	0.370	ug/L	93
34) Trichloroethene	5.94	95	14092	1.394	ug/L	94
35) Methylcyclohexane	6.10	83	12254	0.802	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6314	0.702	ug/L #	87
38) Bromodichloromethane	6.54	83	518	0.045	ug/L #	89
39) cis-1,3-Dichloropropene	7.01	75	1384	0.109	ug/L #	76
46) trans-1,3-Dichloropropene	7.65	75	774	0.072	ug/L #	83
47) 1,1,2-Trichloroethane	8.00	97	678	0.113	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051120\
Data File : VV015989.D
Acq On : 11 May 2020 15:01
Operator : SY/MD
Sample : L2520-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 12 01:11:43 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)
49) Tetrachloroethene	8.00	164	70337	9.975	ug/L		99
50) 2-Hexanone	8.16	43	3642	0.919	ug/L	#	91
51) Dibromochloromethane	8.00	129	67821	10.048	ug/L	#	9

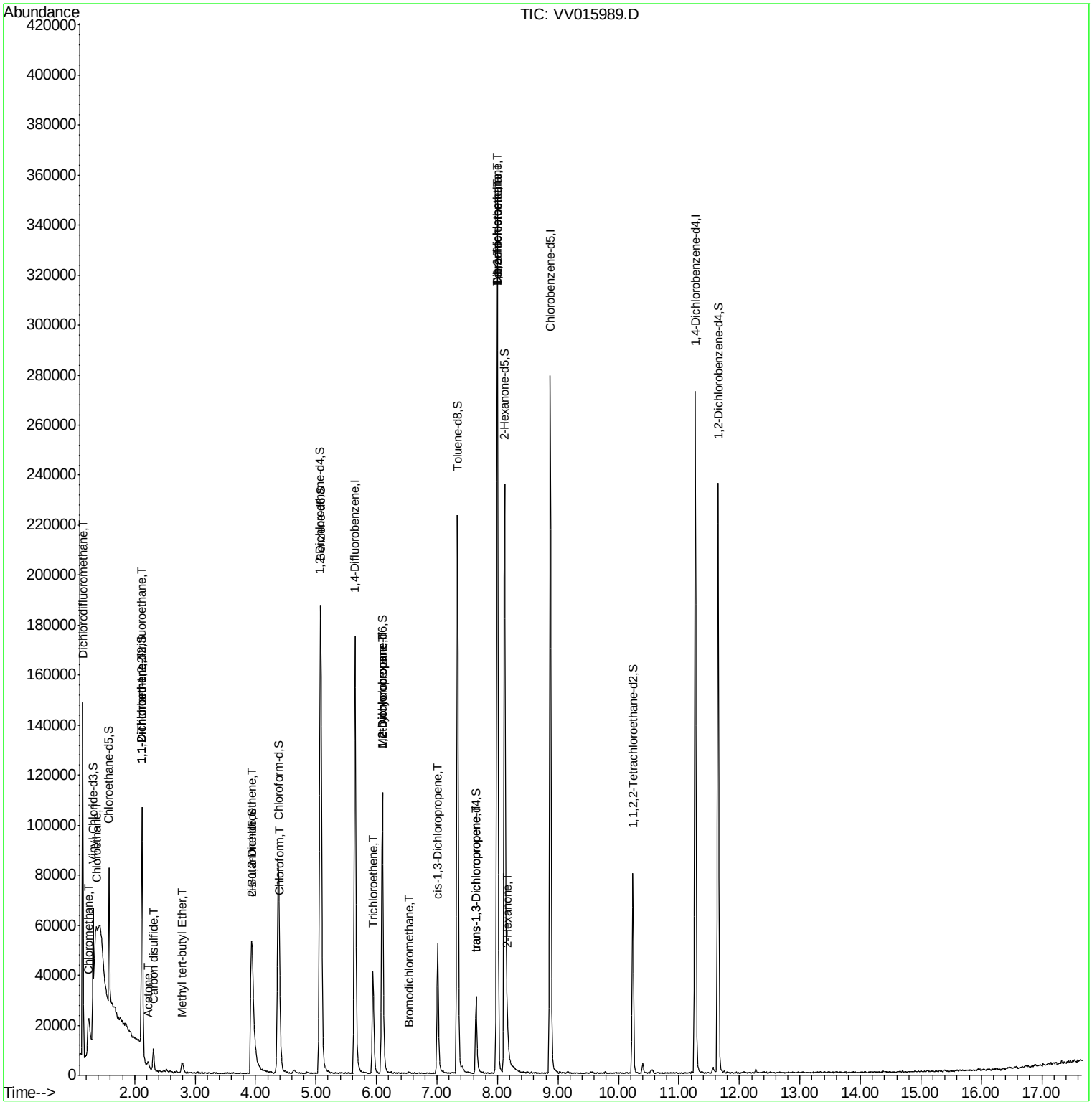
(#) = qualifier out of range (m) = manual integration (+) = signals summed

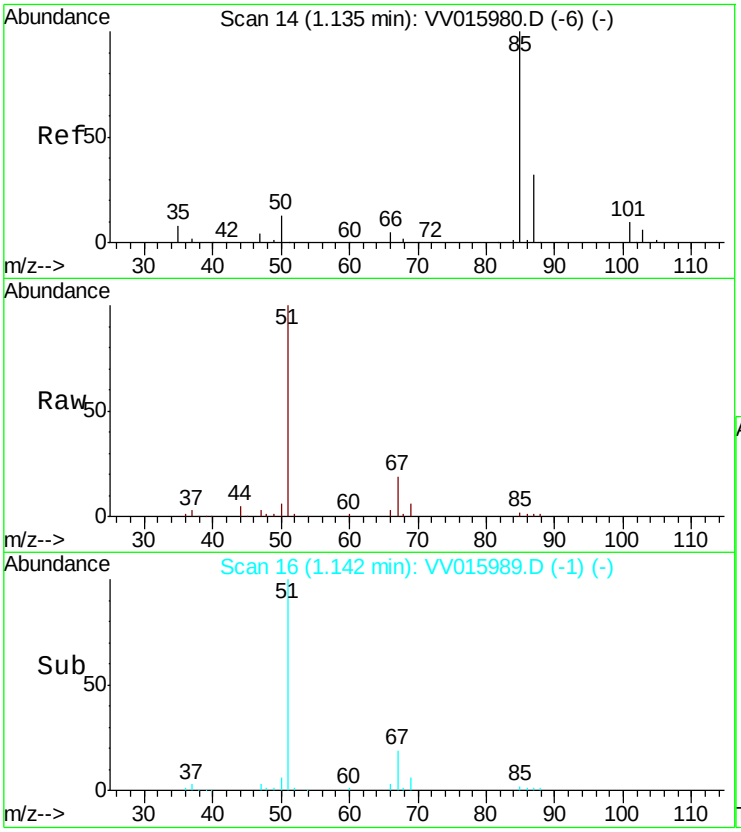
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051120\
Data File : VV015989.D
Acq On : 11 May 2020 15:01
Operator : SY/MD
Sample : L2520-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 12 01:11:43 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



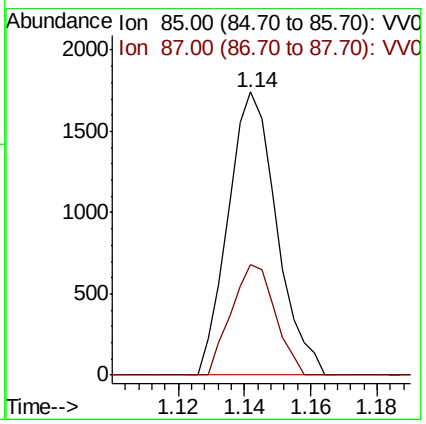


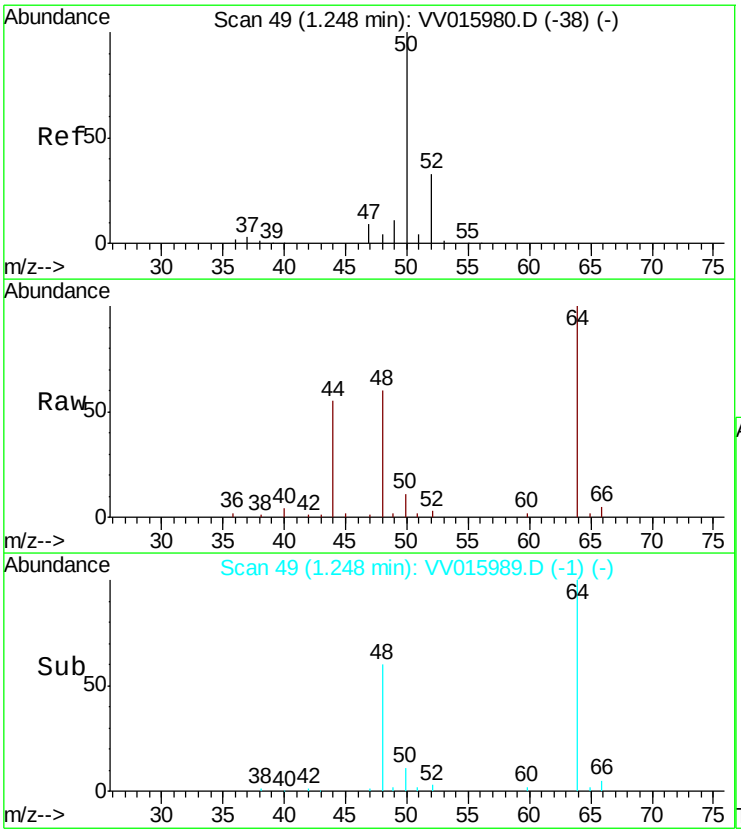
#2
Dichlorodifluoromethane
Concen: 0.165 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 1771

Ion	Ratio	Lower	Upper
85	100		
87	35.2	26.4	39.6

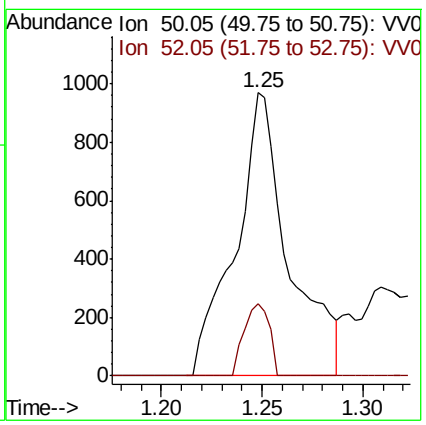


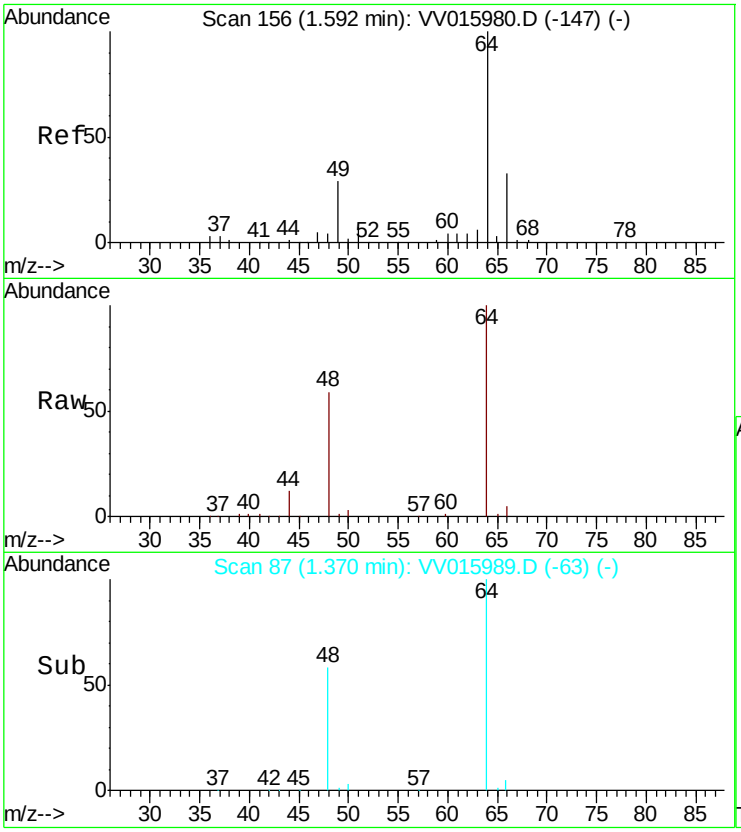


#3
Chloromethane
Concen: 0.164 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 50 Resp: 1783

Ion	Ratio	Lower	Upper
50	100		
52	25.6	22.8	42.4



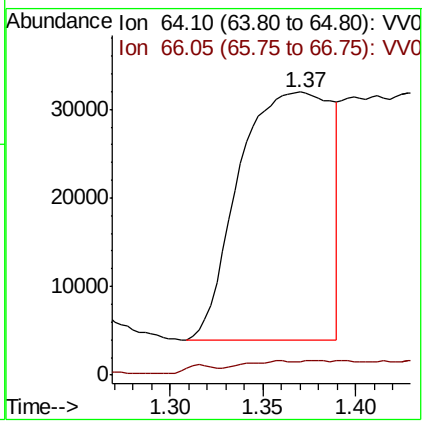


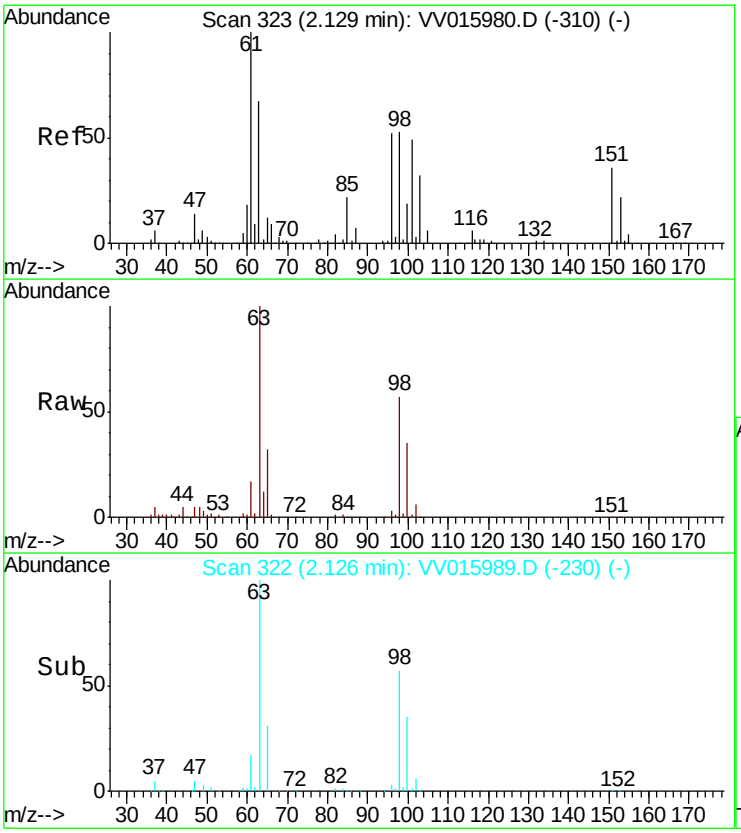
#8
Chloroethane
Concen: 13.014 ug/L
RT: 1.37 min Scan# 87
Delta R.T. -0.22 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 96479

Ion	Ratio	Lower	Upper
64	100		
66	4.9	23.6	43.8#

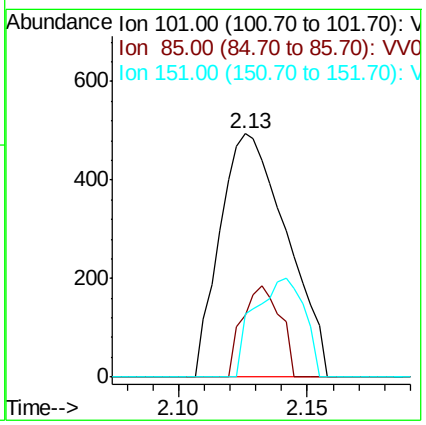


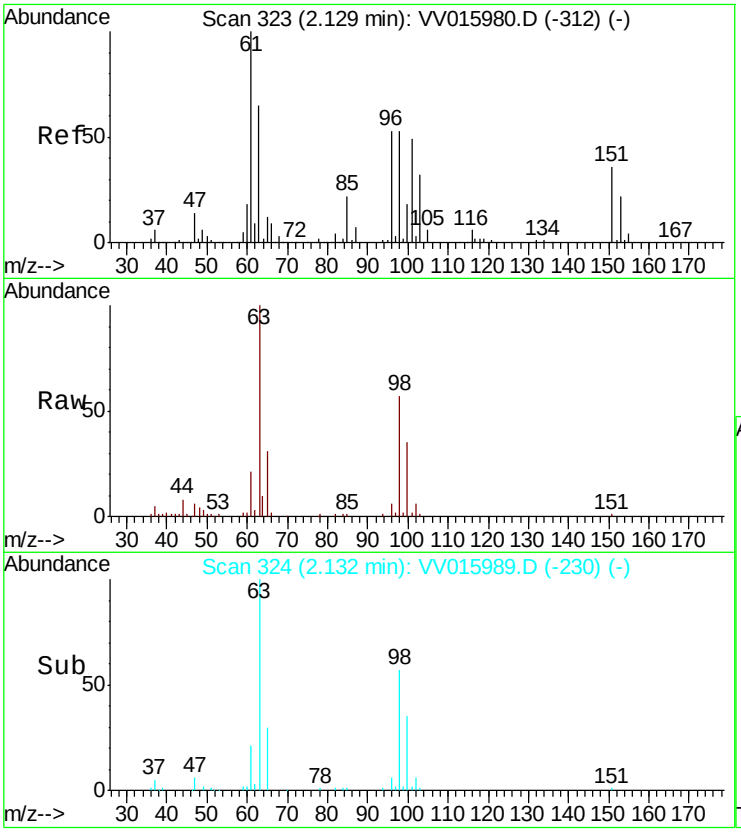


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.110 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion:101 Resp: 889

Ion	Ratio	Lower	Upper
101	100		
85	21.4	35.7	53.5#
151	30.4	58.0	87.0#



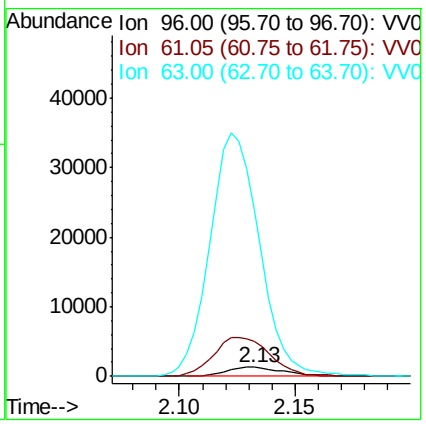


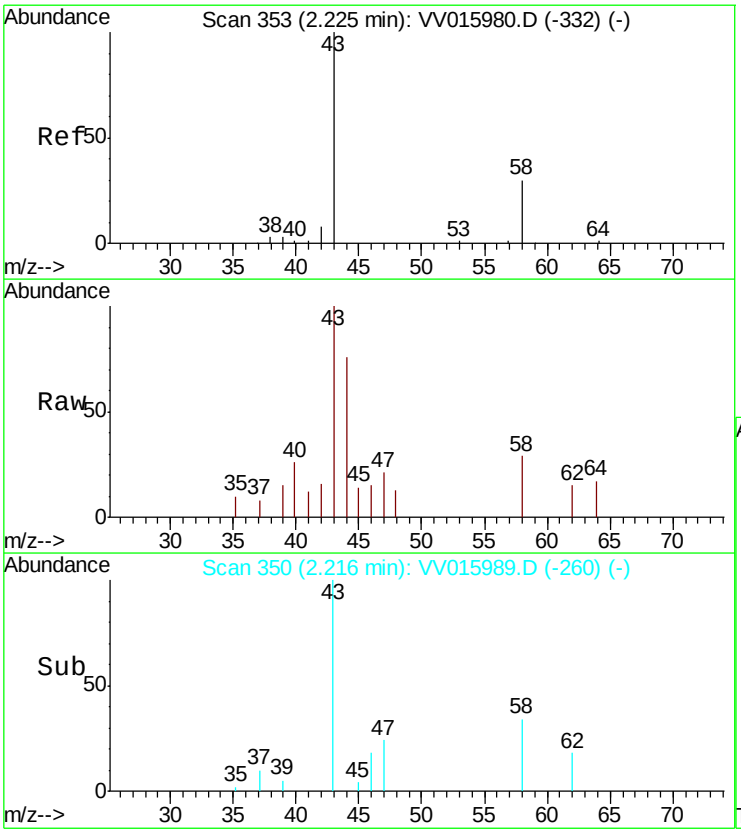
#12
1,1-Dichloroethene
Concen: 0.285 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2197

Ion	Ratio	Lower	Upper
96	100		
61	379.6	139.9	259.7#
63	1812.9	106.4	197.6#

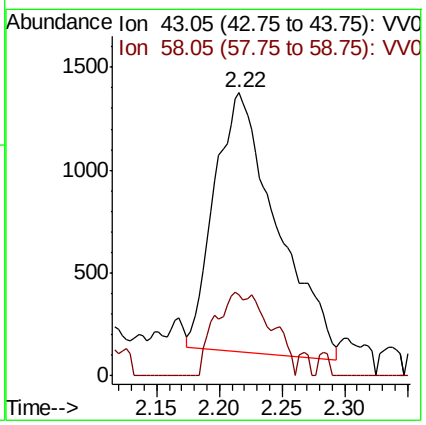


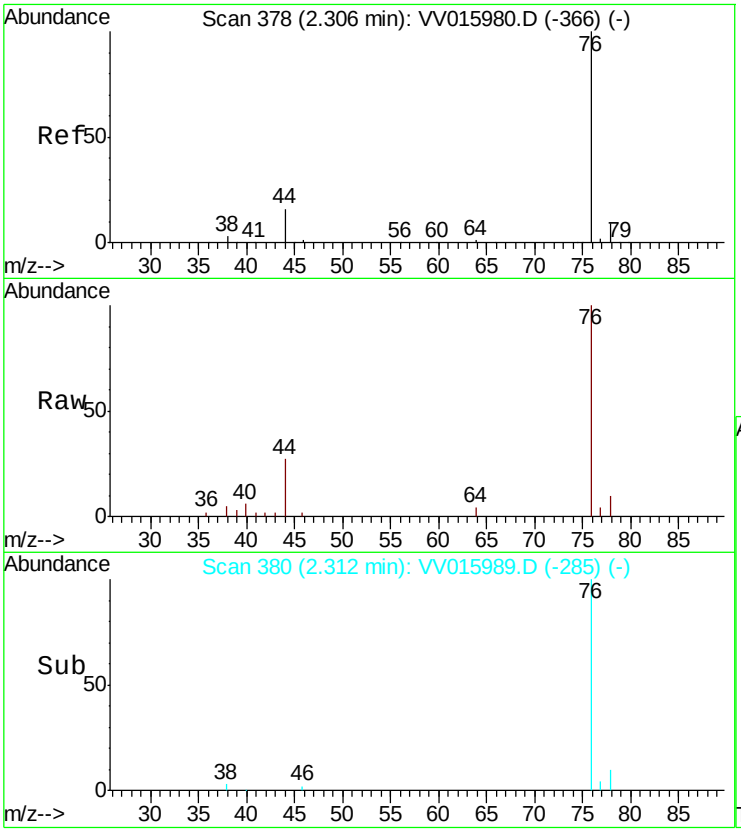


#13
Acetone
Concen: 3.047 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.01 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 43 Resp: 4362

Ion	Ratio	Lower	Upper
43	100		
58	24.5	0.0	30.8



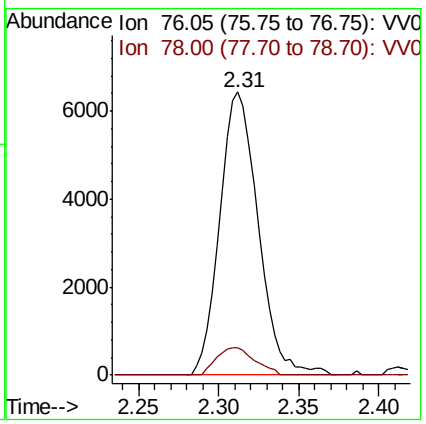


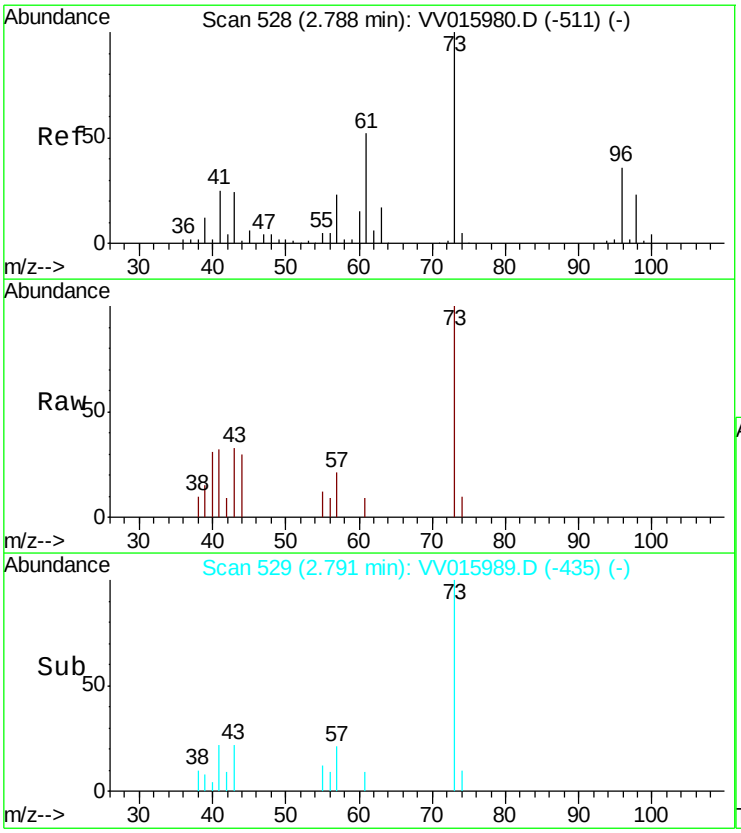
#14
Carbon disulfide
Concen: 0.415 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 10581

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6

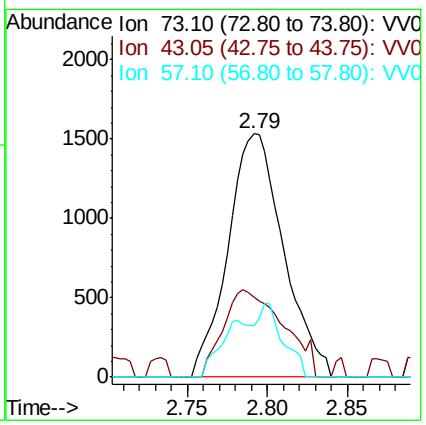


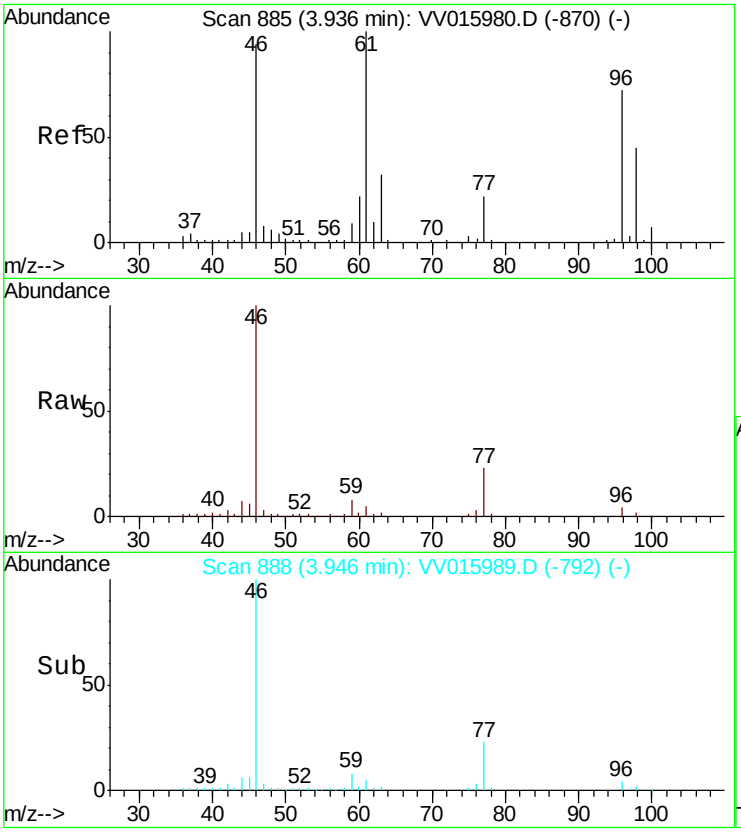


#17
Methyl tert-butyl Ether
Concen: 0.182 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 73 Resp: 3654

Ion	Ratio	Lower	Upper
73	100		
43	1.2	18.8	28.2#
57	13.5	17.8	26.6#



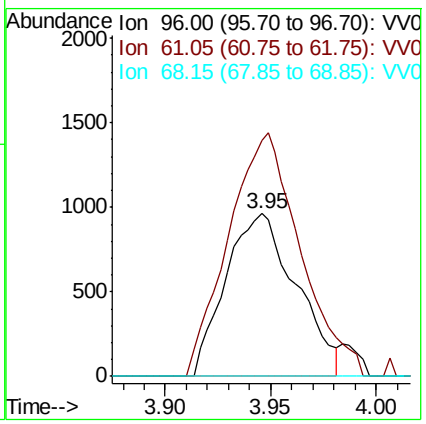


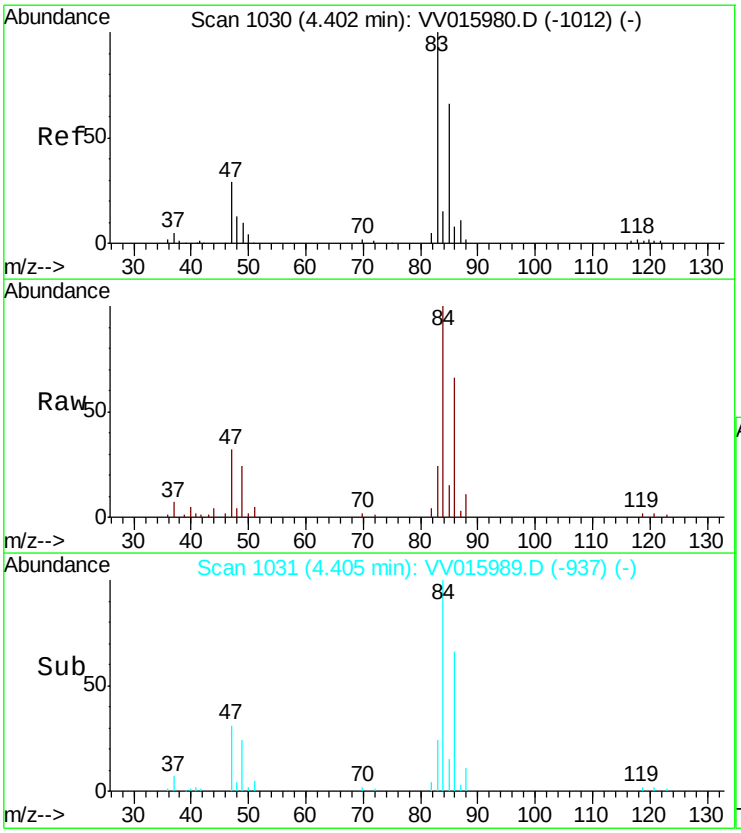
#22
cis-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2239

Ion	Ratio	Lower	Upper
96	100		
61	144.8	97.2	180.6
68	0.0	0.0	0.0

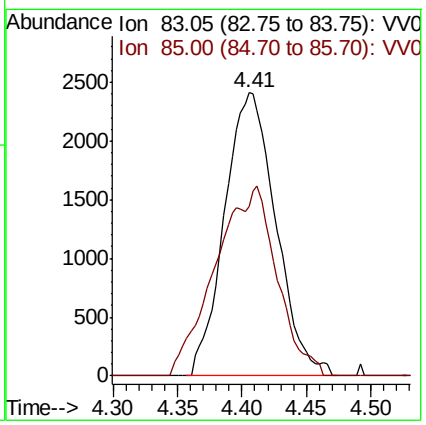


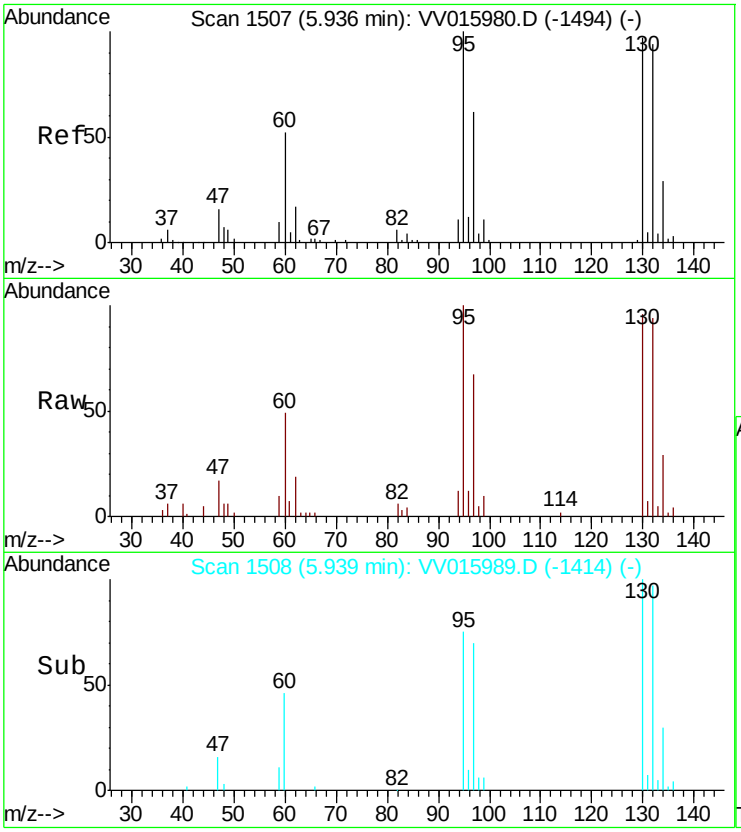


#25
Chloroform
Concen: 0.370 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 83 Resp: 6691

Ion	Ratio	Lower	Upper
83	100		
85	59.7	45.7	84.9



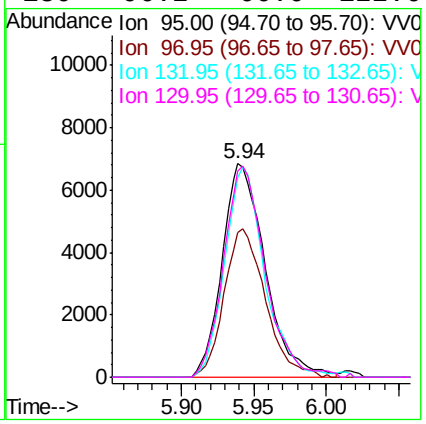


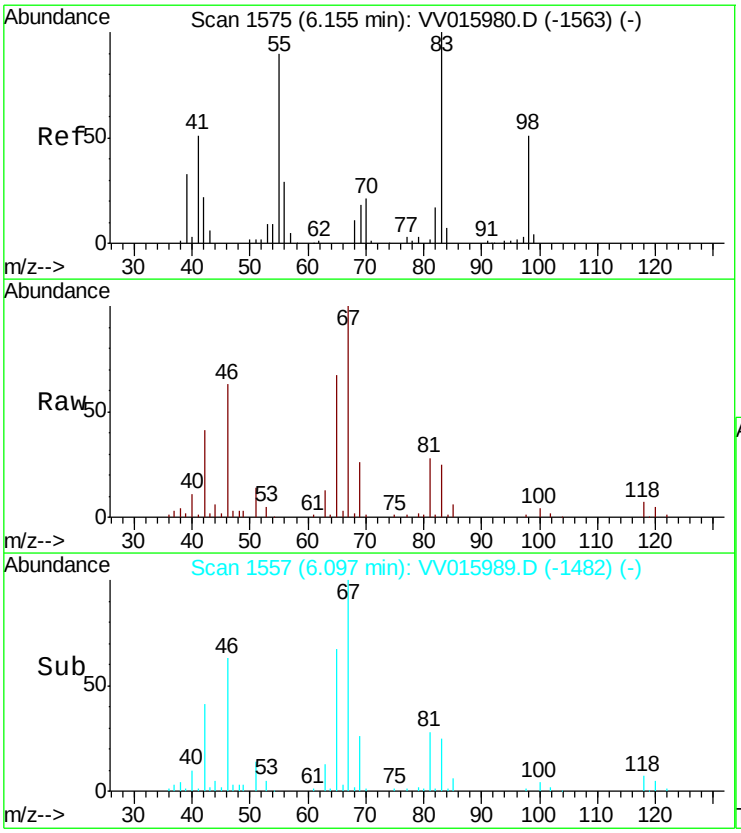
#34
Trichloroethene
Concen: 1.394 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 14092

Ion	Ratio	Lower	Upper
95	100		
97	67.5	43.3	80.5
132	93.8	60.3	112.1
130	96.2	66.0	122.6

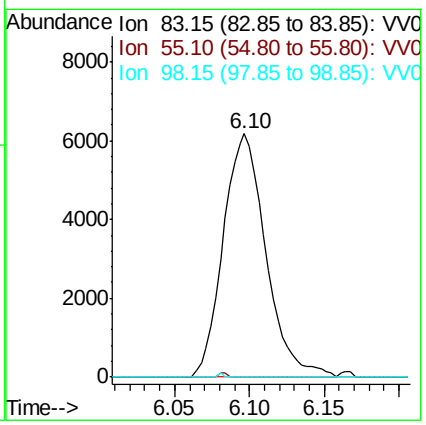


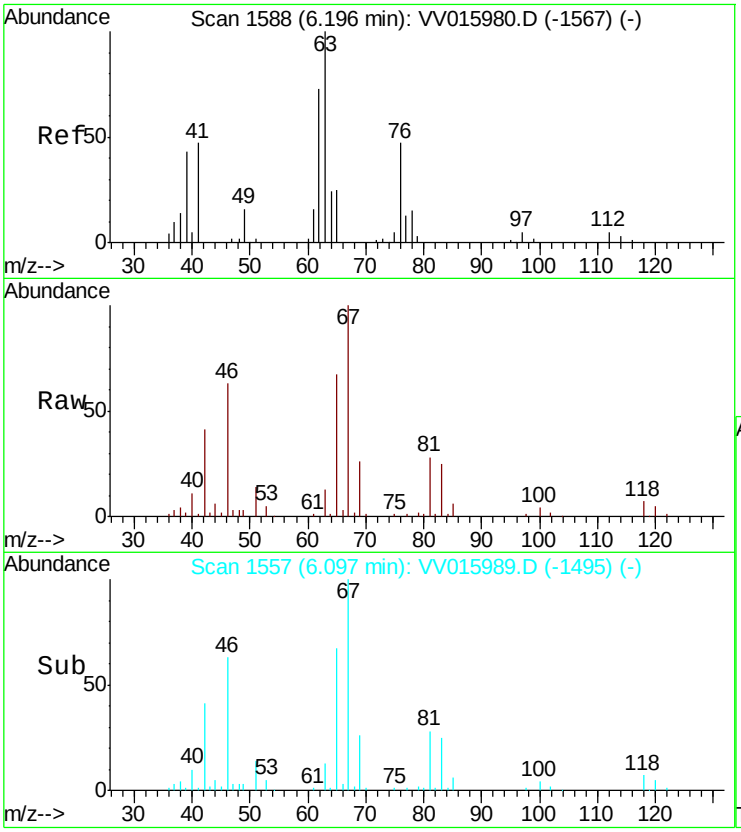


#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 83 Resp: 12254

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.2	99.2#
98	0.2	37.9	56.9#



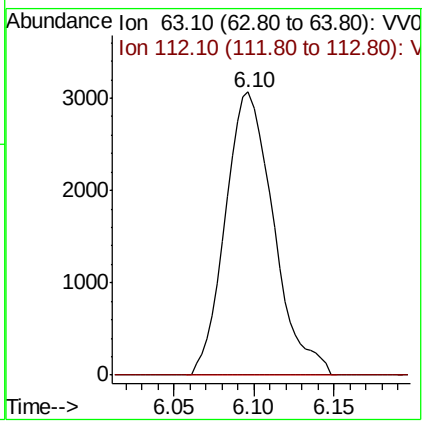


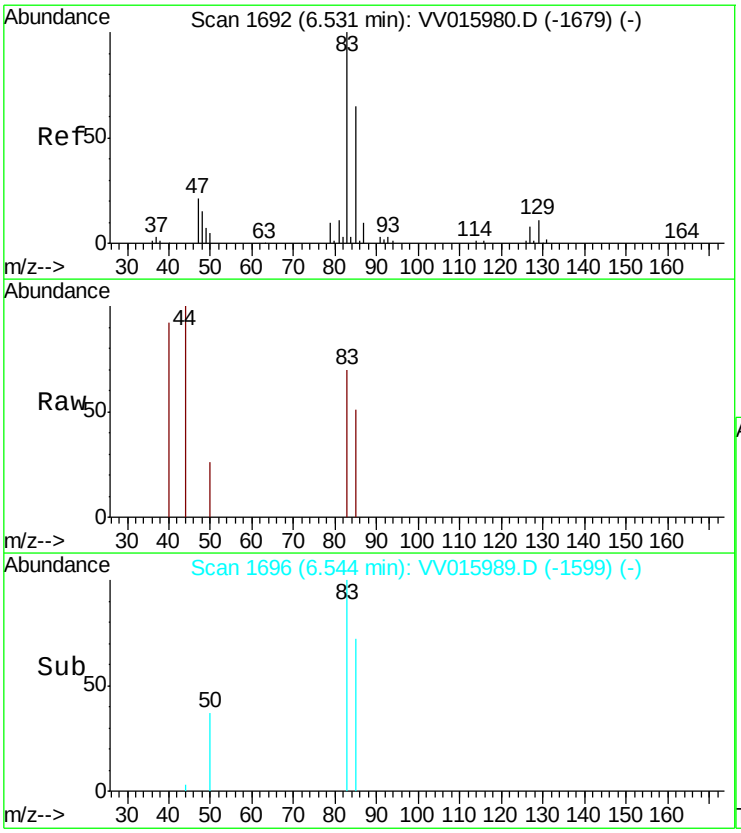
#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 6314

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

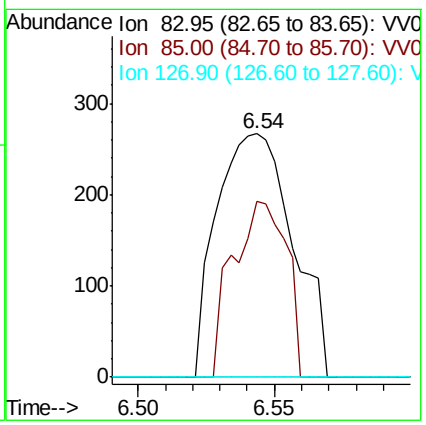


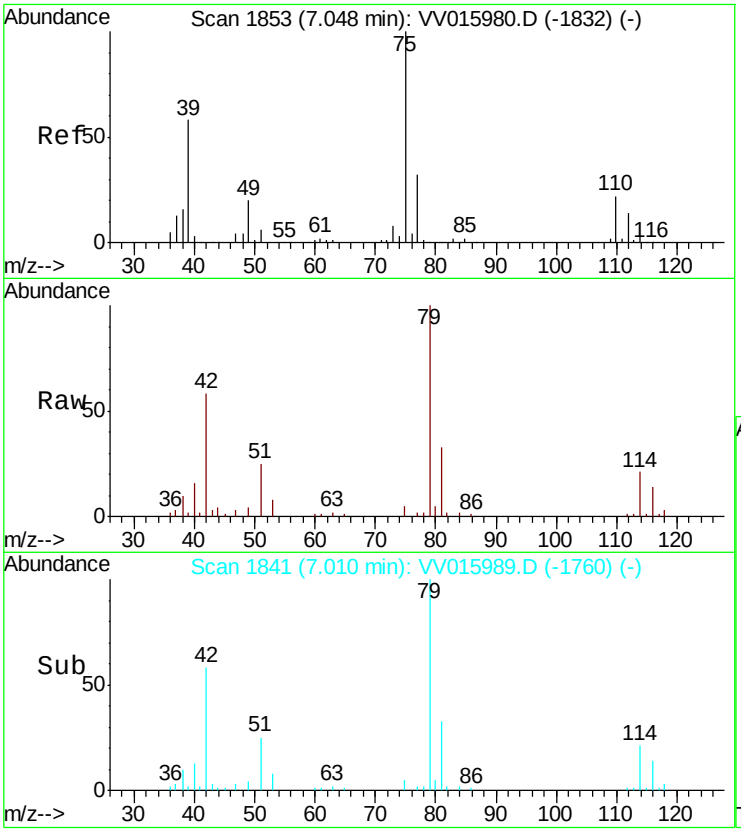


#38
Bromodichloromethane
Concen: 0.045 ug/L
RT: 6.54 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 83 Resp: 518

Ion	Ratio	Lower	Upper
83	100		
85	72.3	45.5	84.5
127	0.0	6.2	9.4#



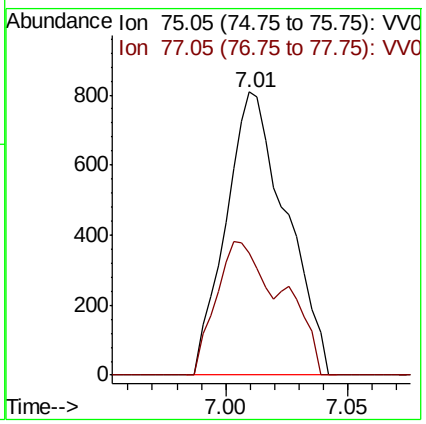


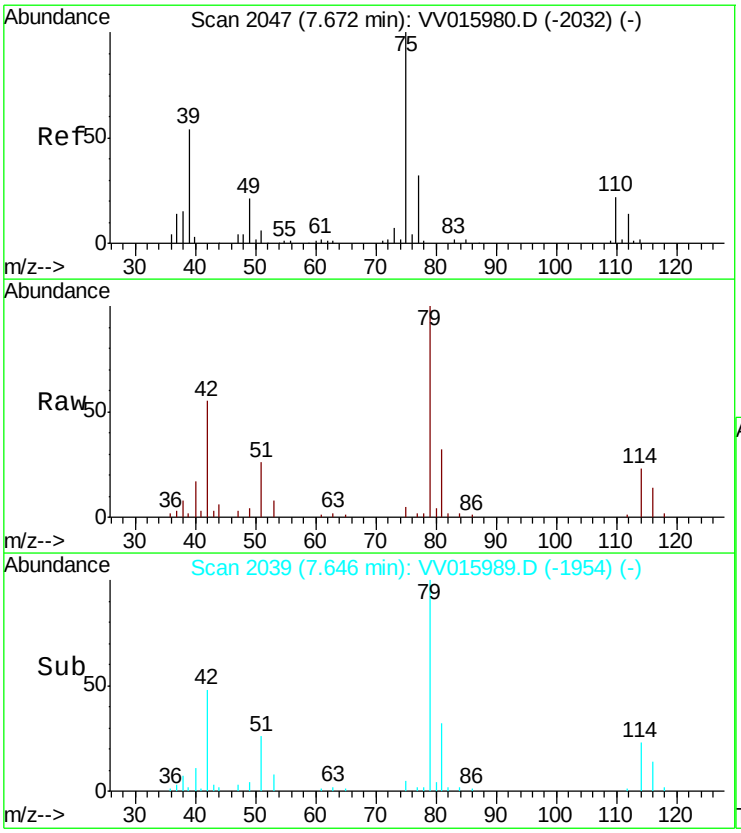
#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1384

Ion	Ratio	Lower	Upper
75	100		
77	43.3	21.3	39.5#

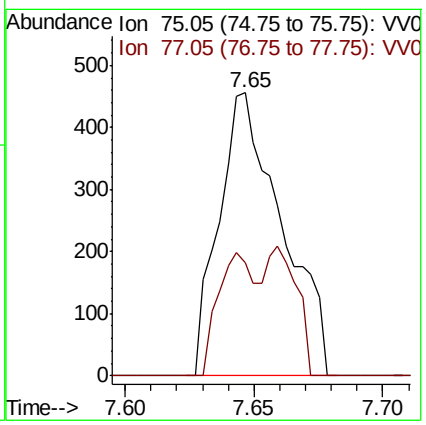


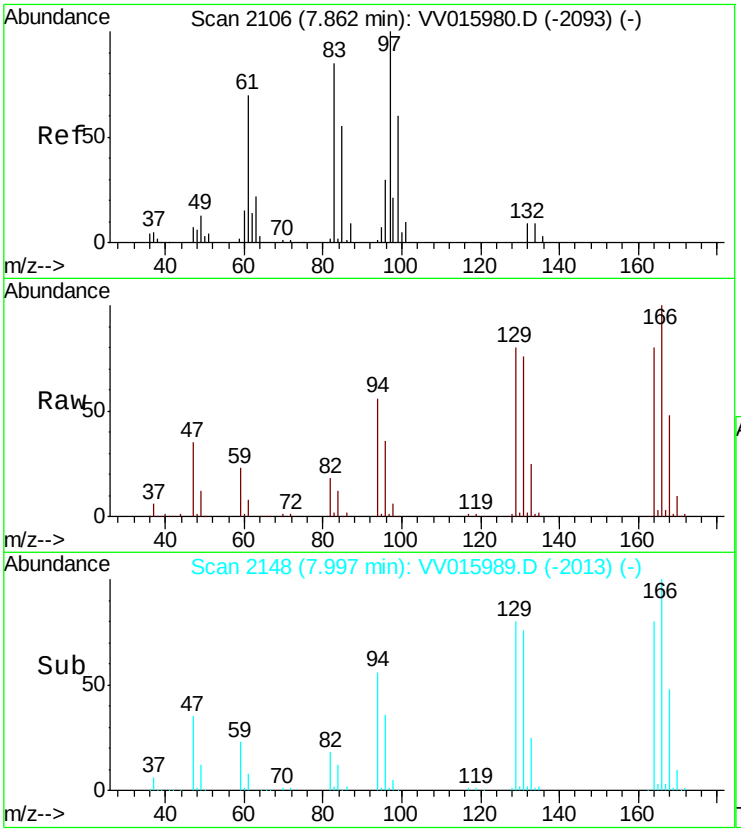


#46
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 75 Resp: 774

Ion	Ratio	Lower	Upper
75	100		
77	39.7	21.3	39.6#



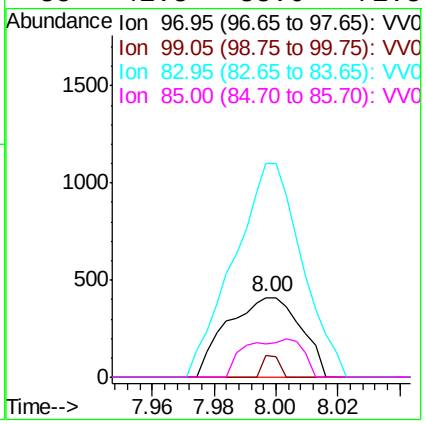


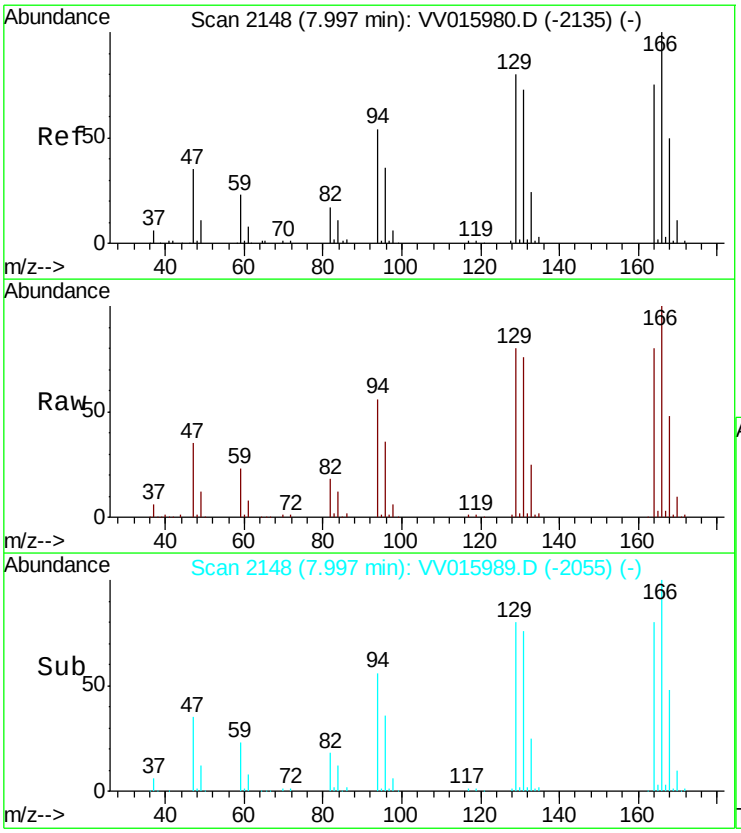
#47
1,1,2-Trichloroethane
Concen: 0.113 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 678

Ion	Ratio	Lower	Upper
97	100		
99	27.9	42.1	78.1#
83	268.9	59.2	110.0#
85	41.8	38.6	71.8

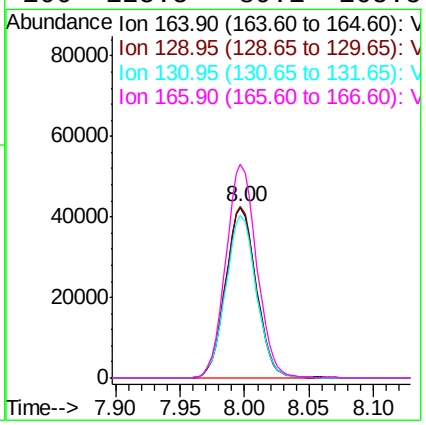


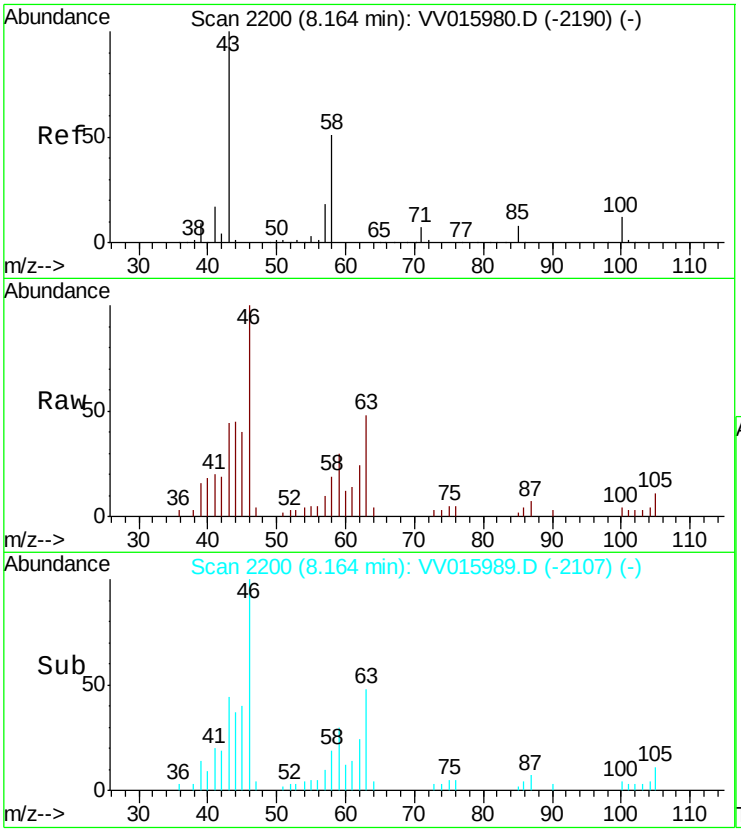


#49
Tetrachloroethene
Concen: 9.975 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion:164 Resp: 70337

Ion	Ratio	Lower	Upper
164	100		
129	101.0	69.7	129.4
131	95.9	66.8	124.2
166	125.5	89.1	165.5



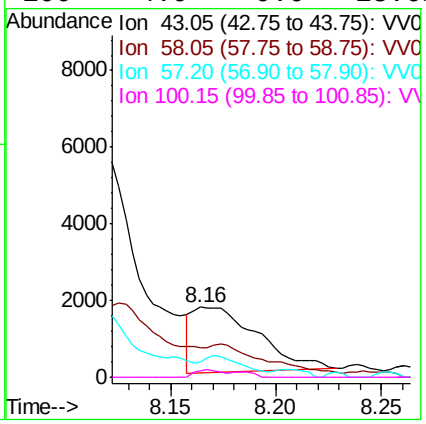


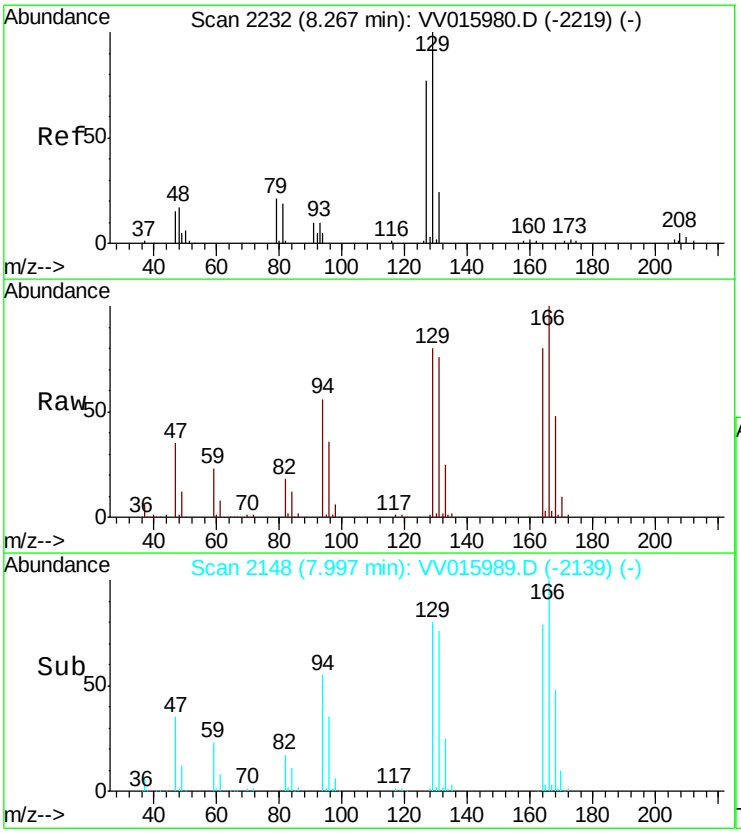
#50
2-Hexanone
Concen: 0.919 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3642

Ion	Ratio	Lower	Upper
43	100		
58	45.3	40.8	61.2
57	21.1	14.7	22.1
100	4.9	9.0	13.6#





#51
Dibromochloromethane
Concen: 10.048 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion:129 Resp: 67821

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.0	104.0#