Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015970.D
Acq On : 08 May 2020 17:07
Operator : SY/MD
Sample : L2520-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 09 00:50:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135719	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134402	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60716	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34228	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.58	69	35336	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.12	63	76888	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	3.92	46	115434	54.96	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.92%			
24) Chloroform-d	4.38	84	75561	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.06	65	49260	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.08	84	162574	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.09	67	51813	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.34	98	146156	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
45) trans-1,3-Dichloropropene-	7.65	79	17551	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
48) 2-Hexanone-d5	8.11	63	85675	50.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.80%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36779	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55276	5.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1357	0.174	ug/L #	67
12) 1,1-Dichloroethene	2.13	96	34548	4.626	ug/L	97
13) Acetone	2.20	43	2424	1.750	ug/L #	51
17) Methyl tert-butyl Ether	2.79	73	3160	0.163	ug/L #	81
22) cis-1,2-Dichloroethene	3.94	96	1203	0.139	ug/L	93
25) Chloroform	4.41	83	13141	0.751	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	10033	0.677	ug/L	99
34) Trichloroethene	5.94	95	10443	1.082	ug/L	95
35) Methylcyclohexane	6.09	83	13251	0.908	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6488	0.755	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1569	0.129	ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	944	0.092	ug/L	96
47) 1,1,2-Trichloroethane	8.00	97	679	0.118	ug/L #	6
49) Tetrachloroethene	8.00	164	64480	9.575	ug/L	98
50) 2-Hexanone	8.17	43	3618	0.955	ug/L #	78
51) Dibromochloromethane	8.00	129	63258	9.813	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015970.D
Acq On : 08 May 2020 17:07
Operator : SY/MD
Sample : L2520-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 09 00:50:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 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\VV050820\
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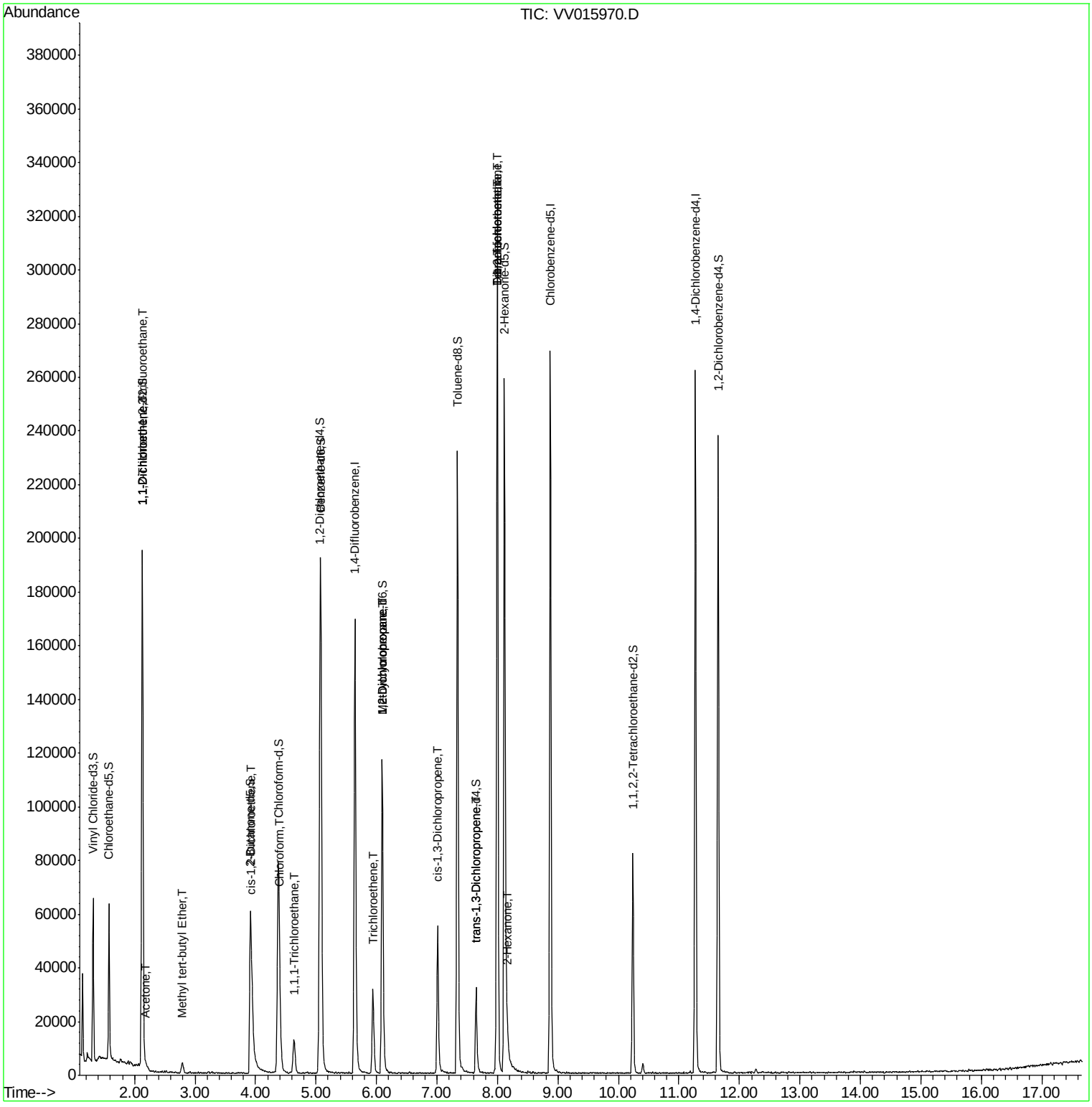
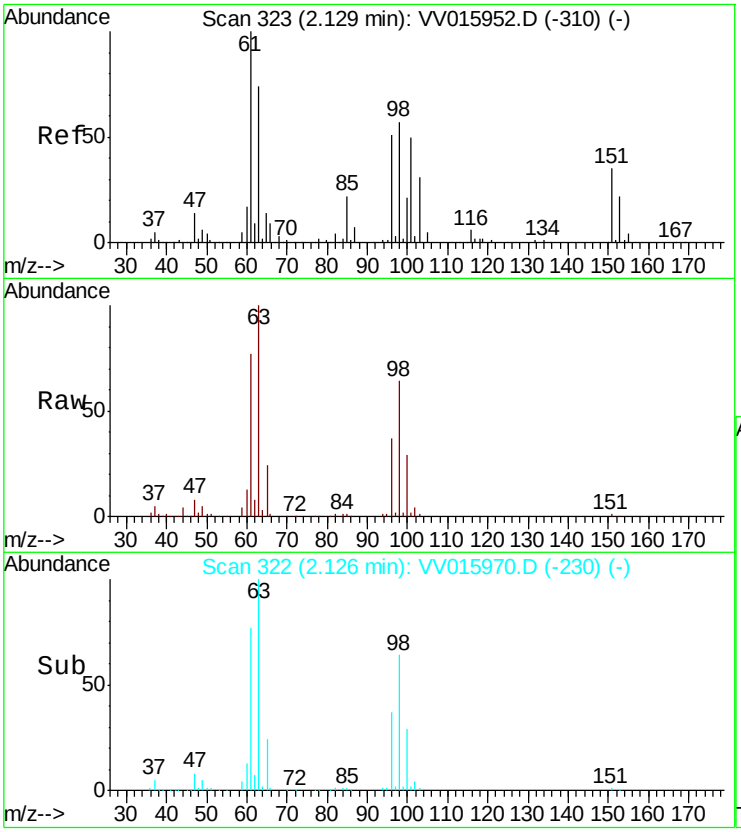
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration



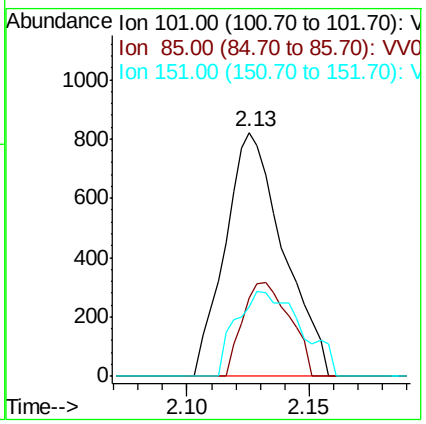


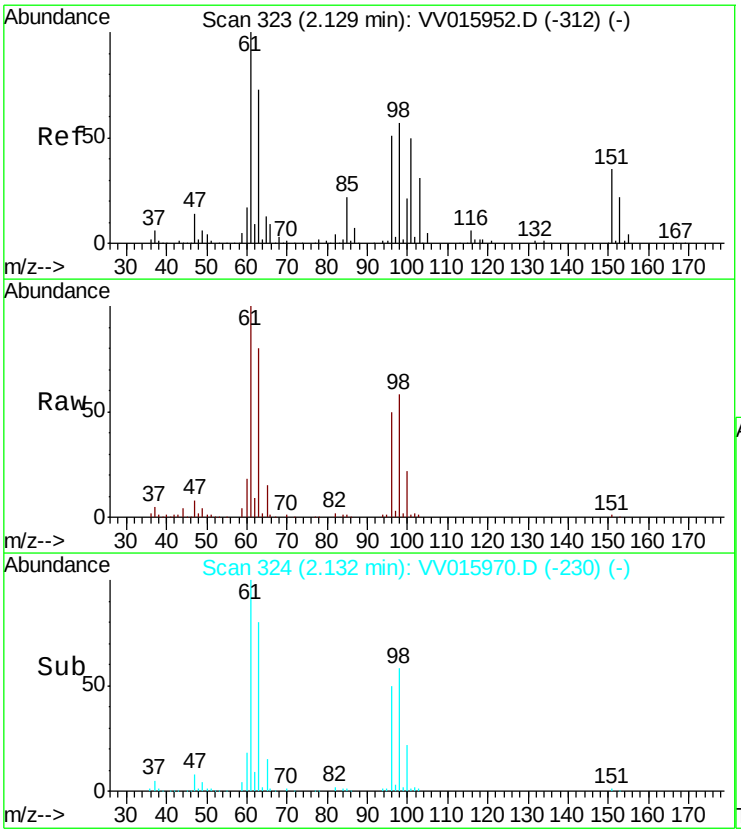
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.174 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1357

Ion	Ratio	Lower	Upper
101	100		
85	31.2	35.7	53.5#
151	39.0	58.0	87.0#

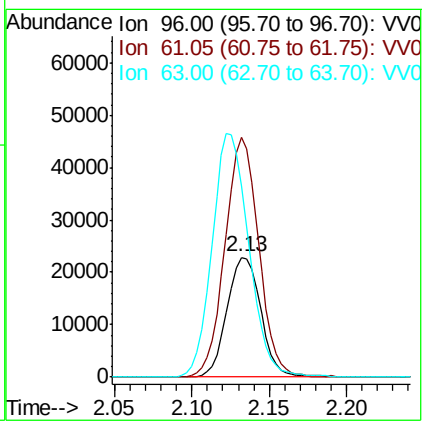


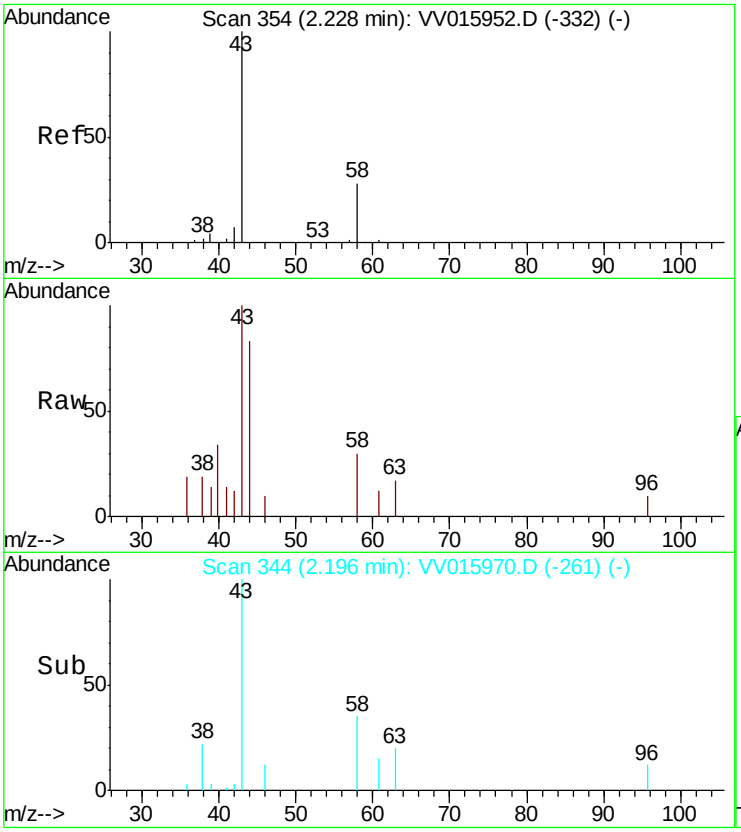


#12
1,1-Dichloroethene
Concen: 4.626 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 96 Resp: 34548

Ion	Ratio	Lower	Upper
96	100		
61	200.9	139.9	259.7
63	159.9	106.4	197.6



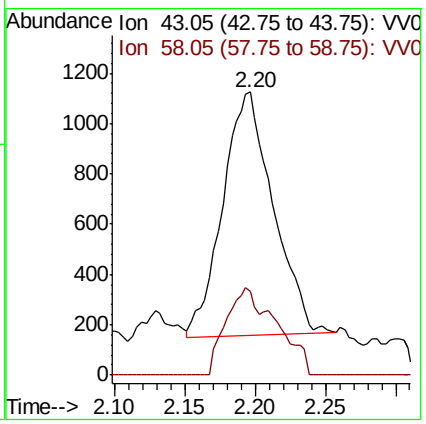


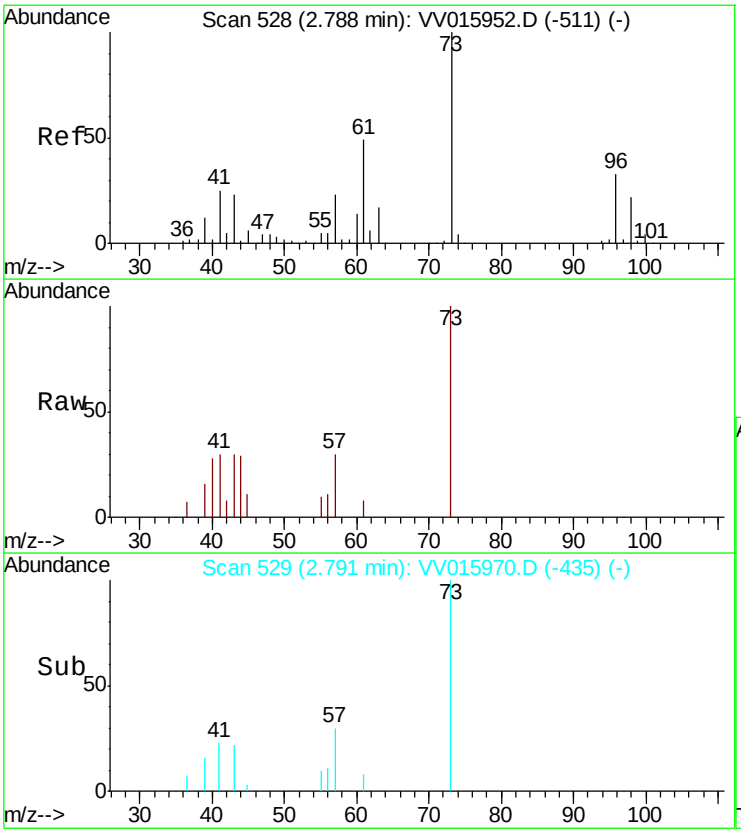
#13
Acetone
Concen: 1.750 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.03 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2424

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	30.8#

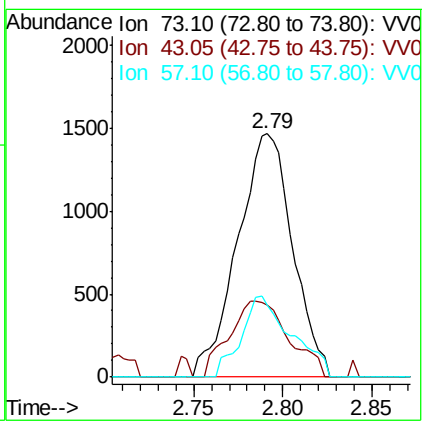


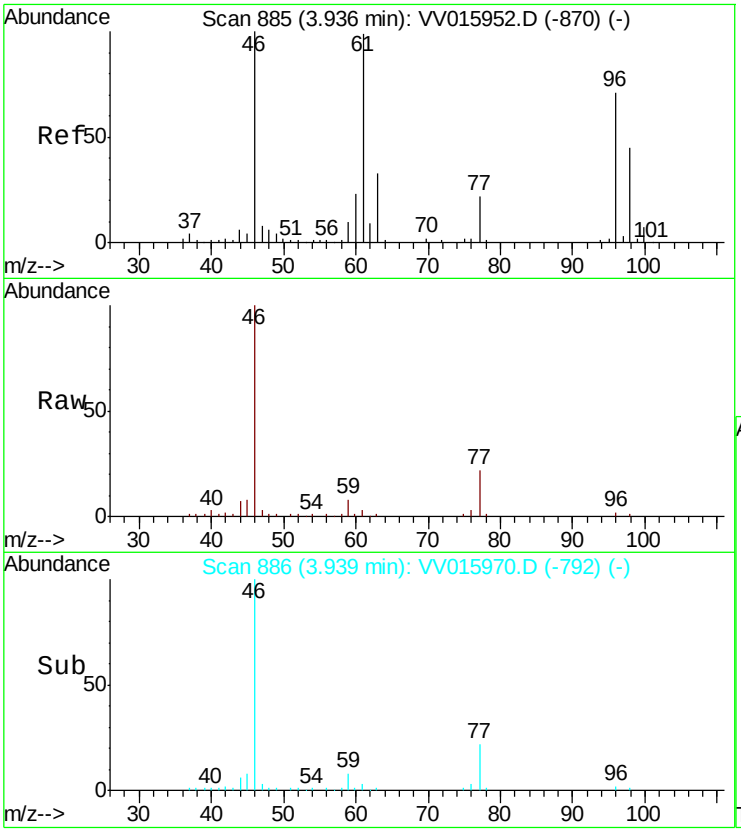


#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 73 Resp: 3160

Ion	Ratio	Lower	Upper
73	100		
43	33.7	18.8	28.2#
57	30.2	17.8	26.6#



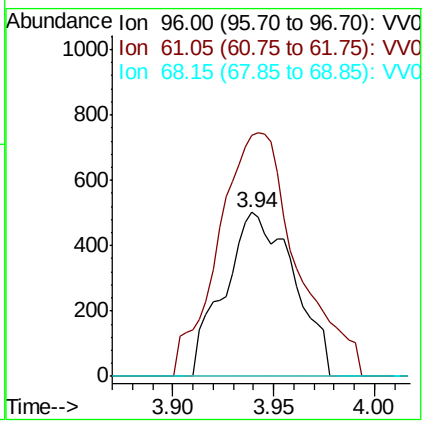


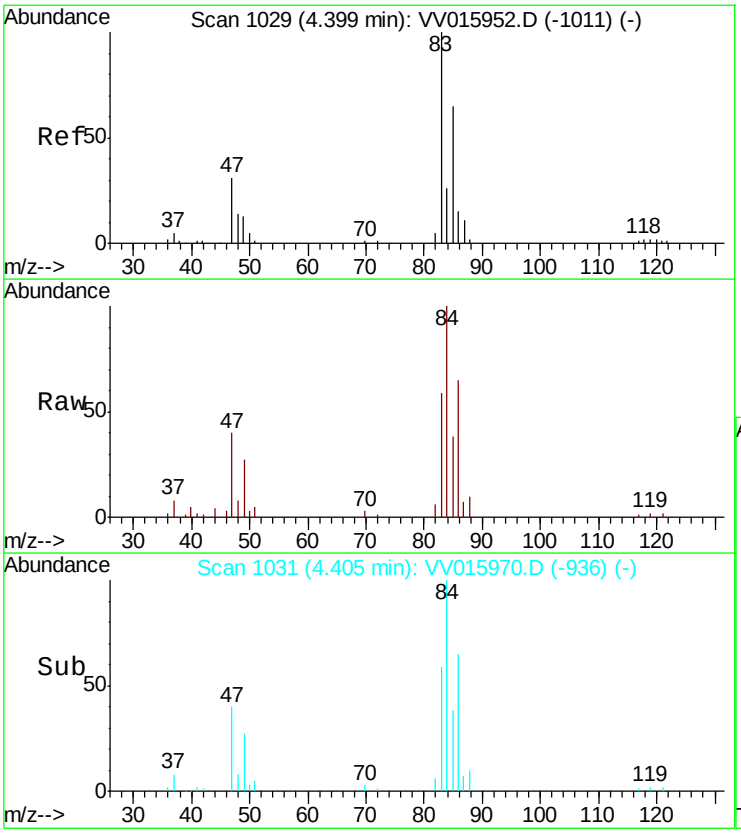
#22
cis-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1203

Ion	Ratio	Lower	Upper
96	100		
61	147.1	97.2	180.6
68	0.0	0.0	0.0

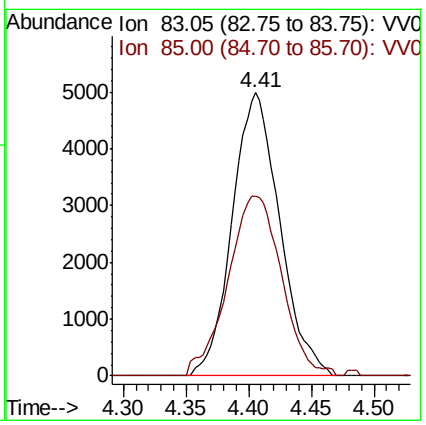


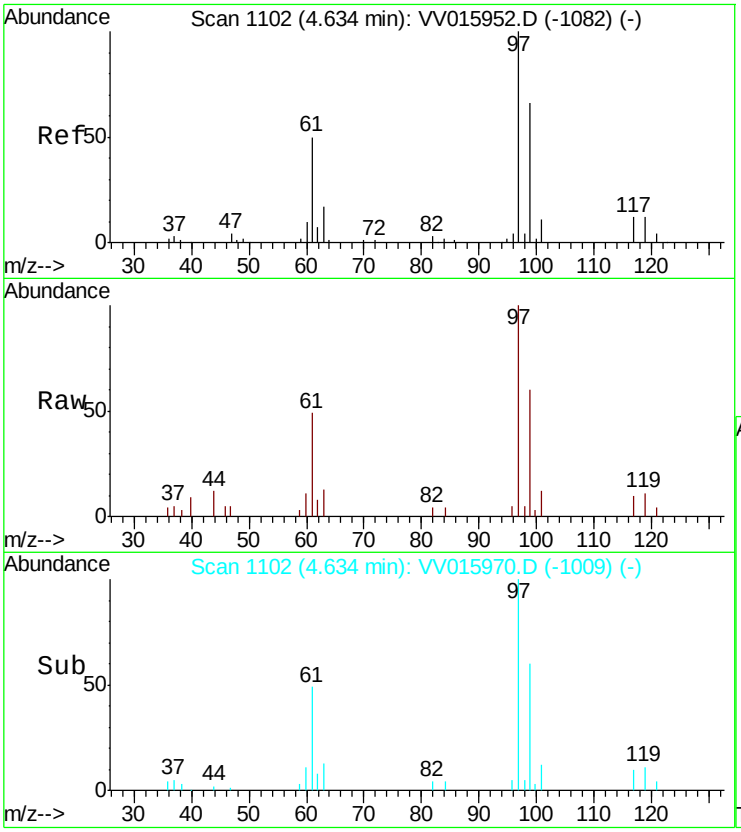


#25
Chloroform
Concen: 0.751 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 83 Resp: 13141

Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.7	84.9



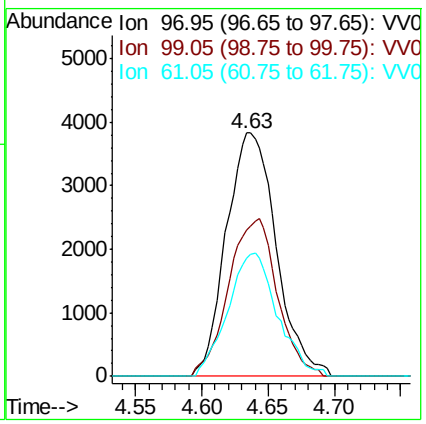


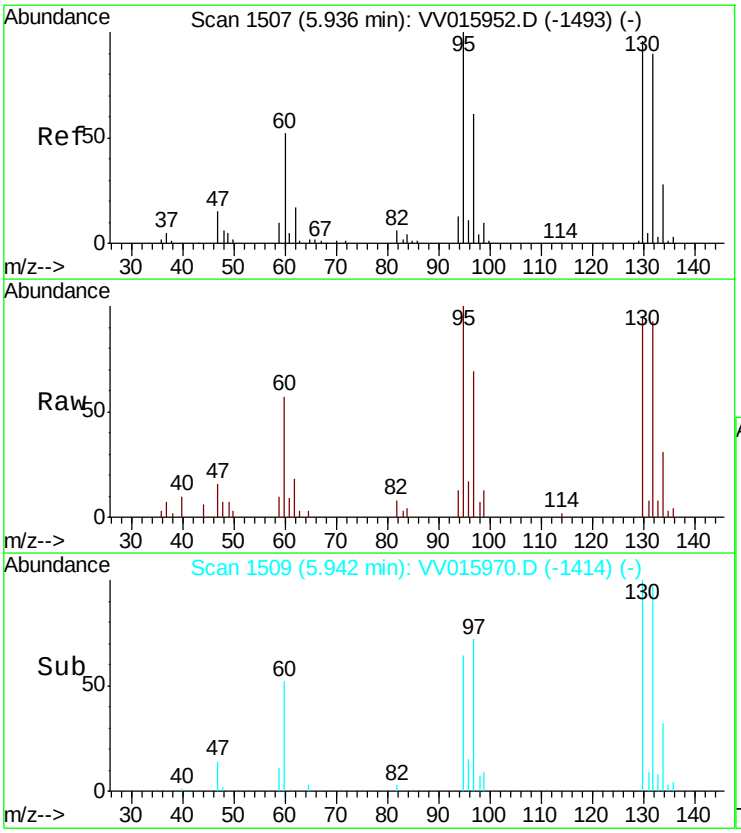
#29
1,1,1-Trichloroethane
Concen: 0.677 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 10033

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.7	76.1
61	50.2	38.8	58.2

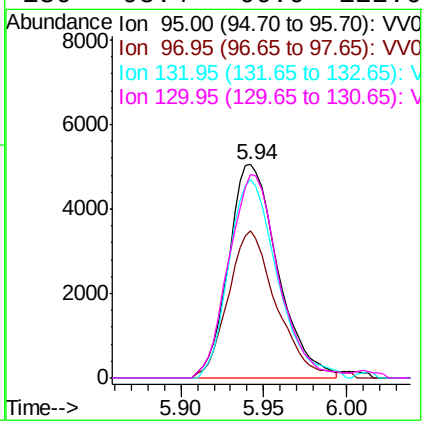


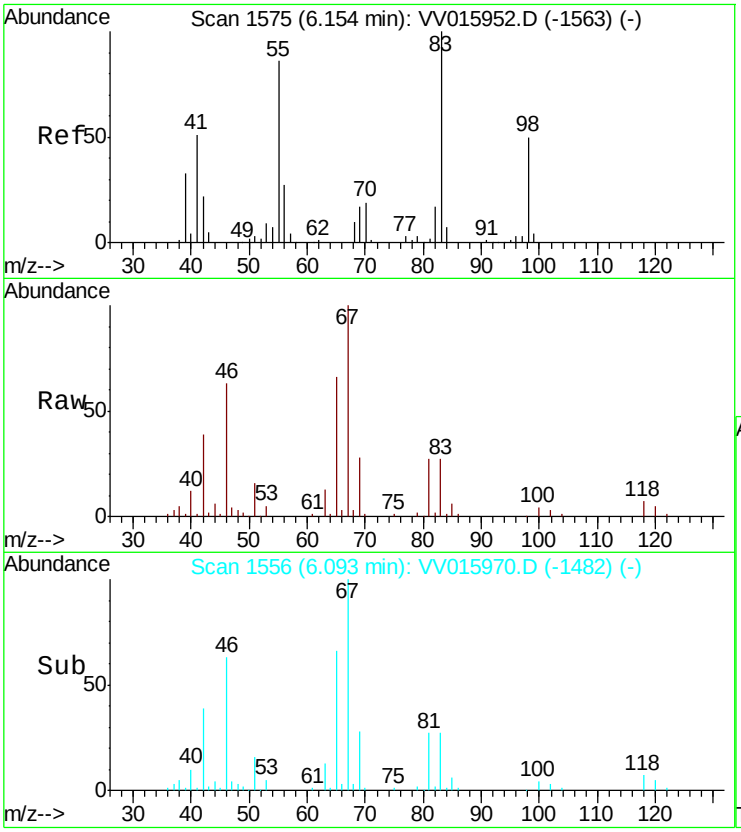


#34
Trichloroethene
Concen: 1.082 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 95 Resp: 10443

Ion	Ratio	Lower	Upper
95	100		
97	68.7	43.3	80.5
132	92.8	60.3	112.1
130	95.4	66.0	122.6



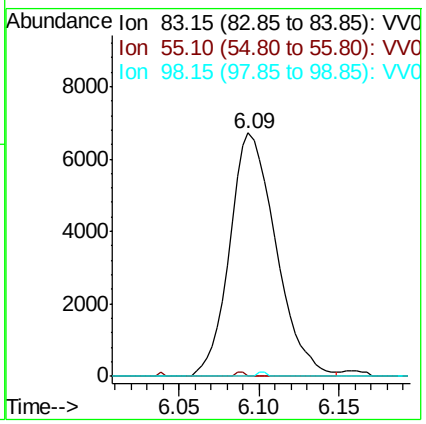


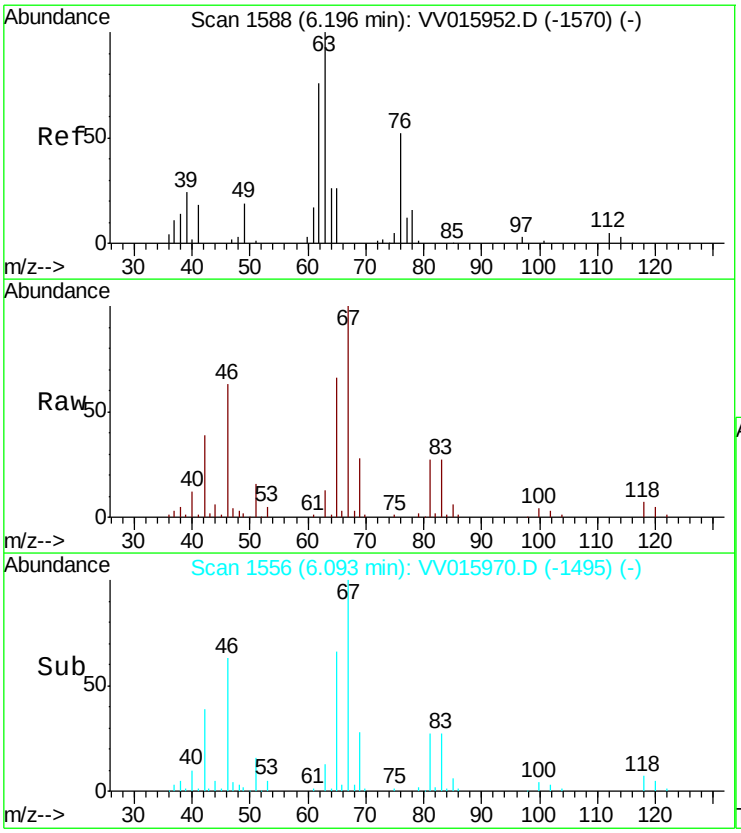
#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13251

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.2	99.2#
98	0.4	37.9	56.9#

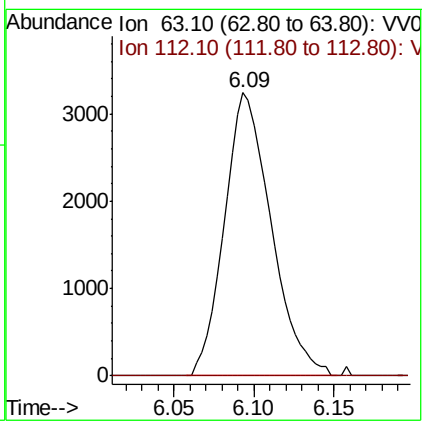


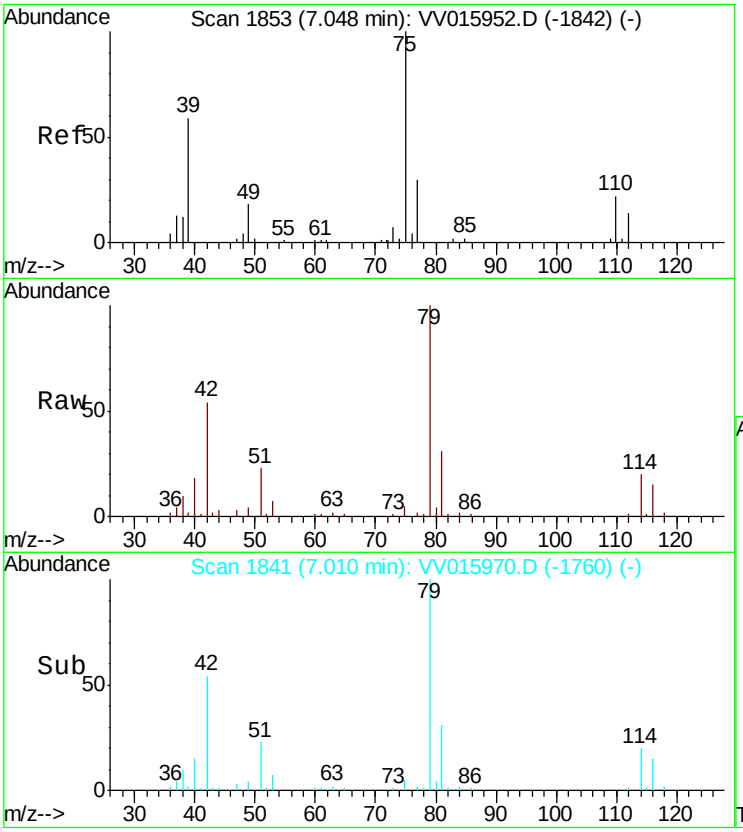


#37
1,2-Dichloropropane
Concen: 0.755 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 63 Resp: 6488

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



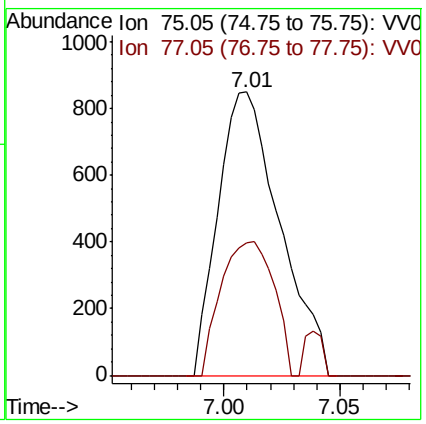


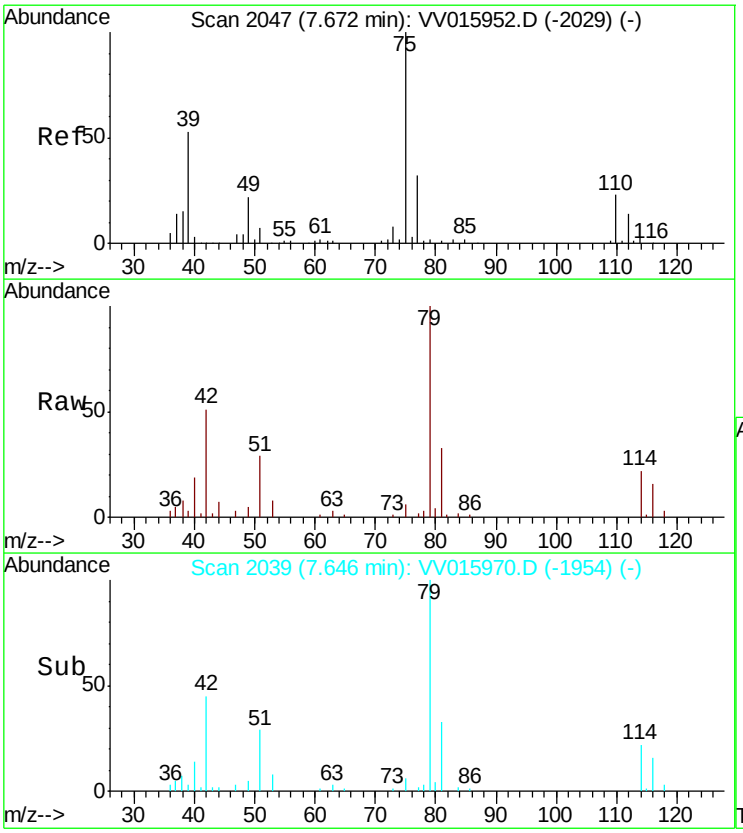
#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1569

Ion	Ratio	Lower	Upper
75	100		
77	46.8	21.3	39.5#

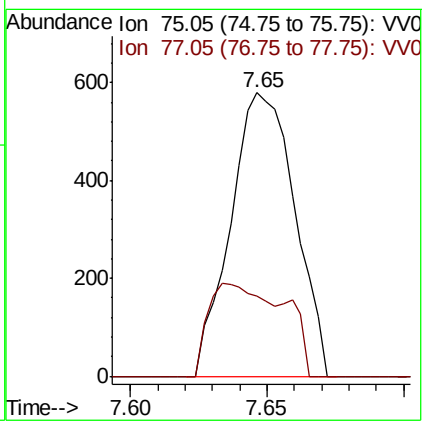


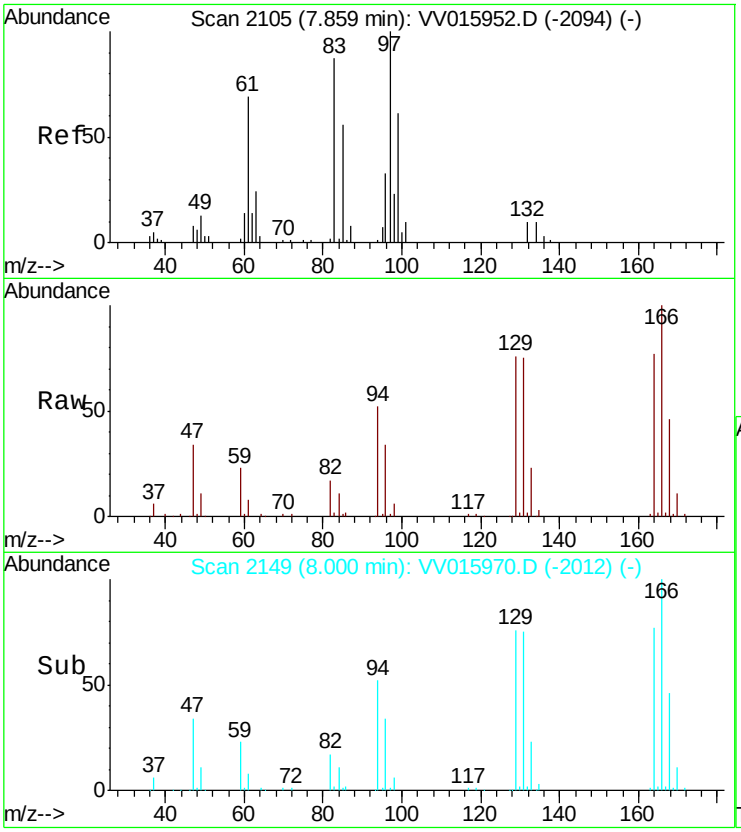


#46
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 75 Resp: 944

Ion	Ratio	Lower	Upper
75	100		
77	28.5	21.3	39.6



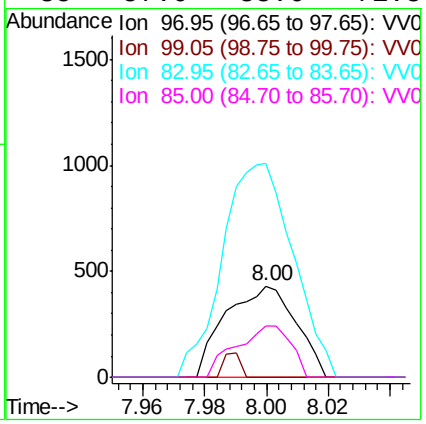


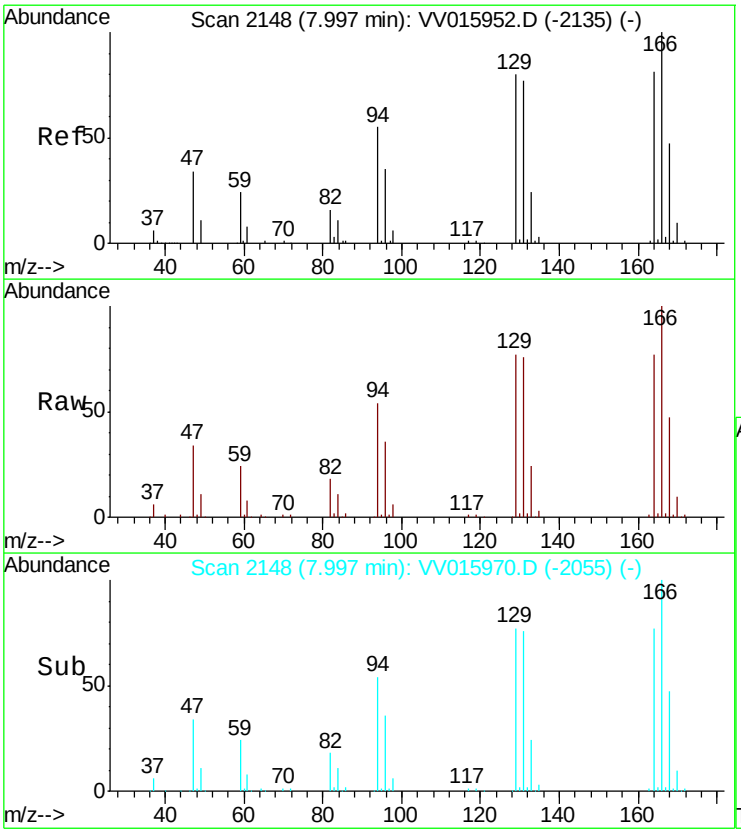
#47
1,1,2-Trichloroethane
Concen: 0.118 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.14 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 679

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.1#
83	234.4	59.2	110.0#
85	57.0	38.6	71.8

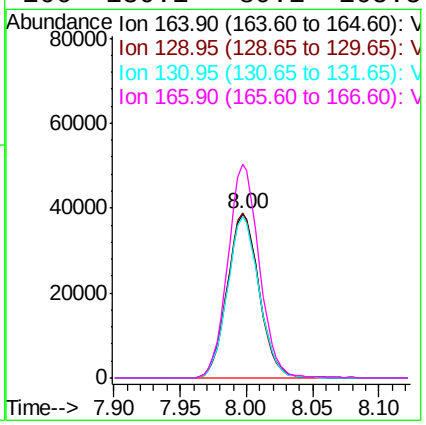


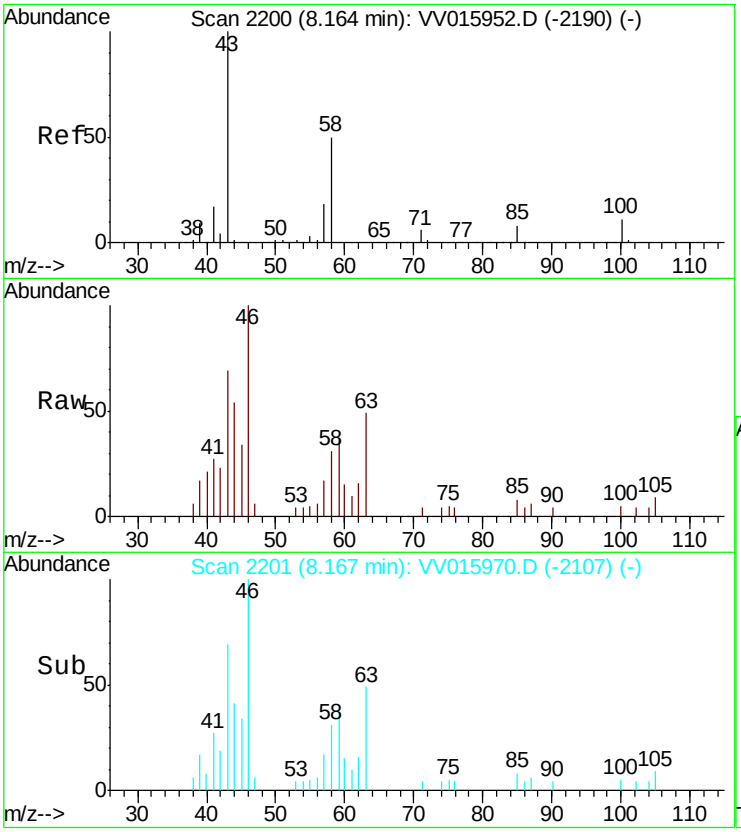


#49
Tetrachloroethene
Concen: 9.575 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion:164 Resp: 64480

Ion	Ratio	Lower	Upper
164	100		
129	100.7	69.7	129.4
131	98.6	66.8	124.2
166	130.1	89.1	165.5



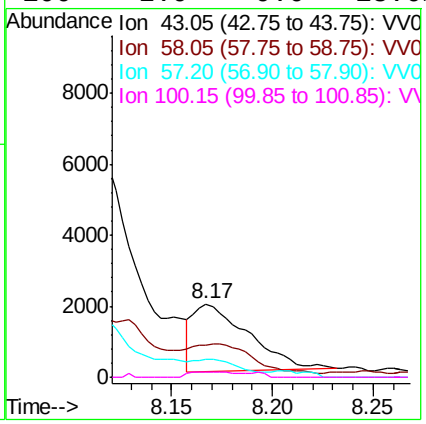


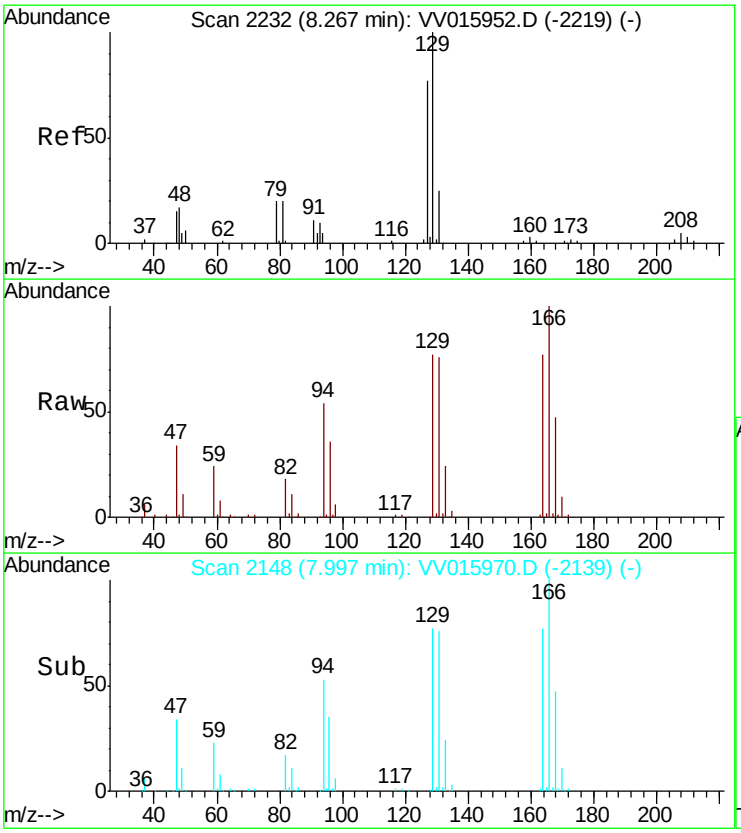
#50
2-Hexanone
Concen: 0.955 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3618

Ion	Ratio	Lower	Upper
43	100		
58	61.7	40.8	61.2#
57	0.0	14.7	22.1#
100	2.9	9.0	13.6#





#51
Dibromochloromethane
Concen: 9.813 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion:129 Resp: 63258

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.0	104.0#