Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015973.D
Acq On : 08 May 2020 18:17
Operator : SY/MD
Sample : L2520-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 09 00:51:03 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	143992	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143149	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67737	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35104	4.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.80%			
7) Chloroethane-d5	1.58	69	35321	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.12	63	56556	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	3.92	46	112523	50.50	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.00%			
24) Chloroform-d	4.38	84	86622	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.06	65	48876	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.08	84	162847	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.09	67	51493	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.34	98	145890	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
45) trans-1,3-Dichloropropene-	7.65	79	16950	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
48) 2-Hexanone-d5	8.11	63	86479	48.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.48%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36928	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55944	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1659	0.150	ug/L	94
8) Chloroethane	1.35	64	100114	13.154	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	746	0.090	ug/L #	46
12) 1,1-Dichloroethene	2.13	96	2156	0.272	ug/L #	1
14) Carbon disulfide	2.31	76	10365	0.396	ug/L	100
17) Methyl tert-butyl Ether	2.79	73	3363	0.163	ug/L #	87
22) cis-1,2-Dichloroethene	3.94	96	2241	0.244	ug/L	100
25) Chloroform	4.40	83	6187	0.333	ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	1268	0.080	ug/L #	74
34) Trichloroethene	5.94	95	13087	1.273	ug/L	98
35) Methylcyclohexane	6.10	83	13283	0.854	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6460	0.706	ug/L #	87
38) Bromodichloromethane	6.55	83	479	0.041	ug/L #	97
39) cis-1,3-Dichloropropene	7.01	75	1300	0.101	ug/L #	64
46) trans-1,3-Dichloropropene	7.65	75	856	0.078	ug/L	93
47) 1,1,2-Trichloroethane	8.00	97	673	0.110	ug/L #	4
49) Tetrachloroethene	8.00	164	66144	9.222	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015973.D
Acq On : 08 May 2020 18:17
Operator : SY/MD
Sample : L2520-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 09 00:51:03 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)
50) 2-Hexanone	8.12	43	12505	3.101	ug/L	#	78
51) Dibromochloromethane	8.00	129	64217	9.353	ug/L	#	10

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050820\
Data File : VV015973.D
Acq On : 08 May 2020 18:17
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :

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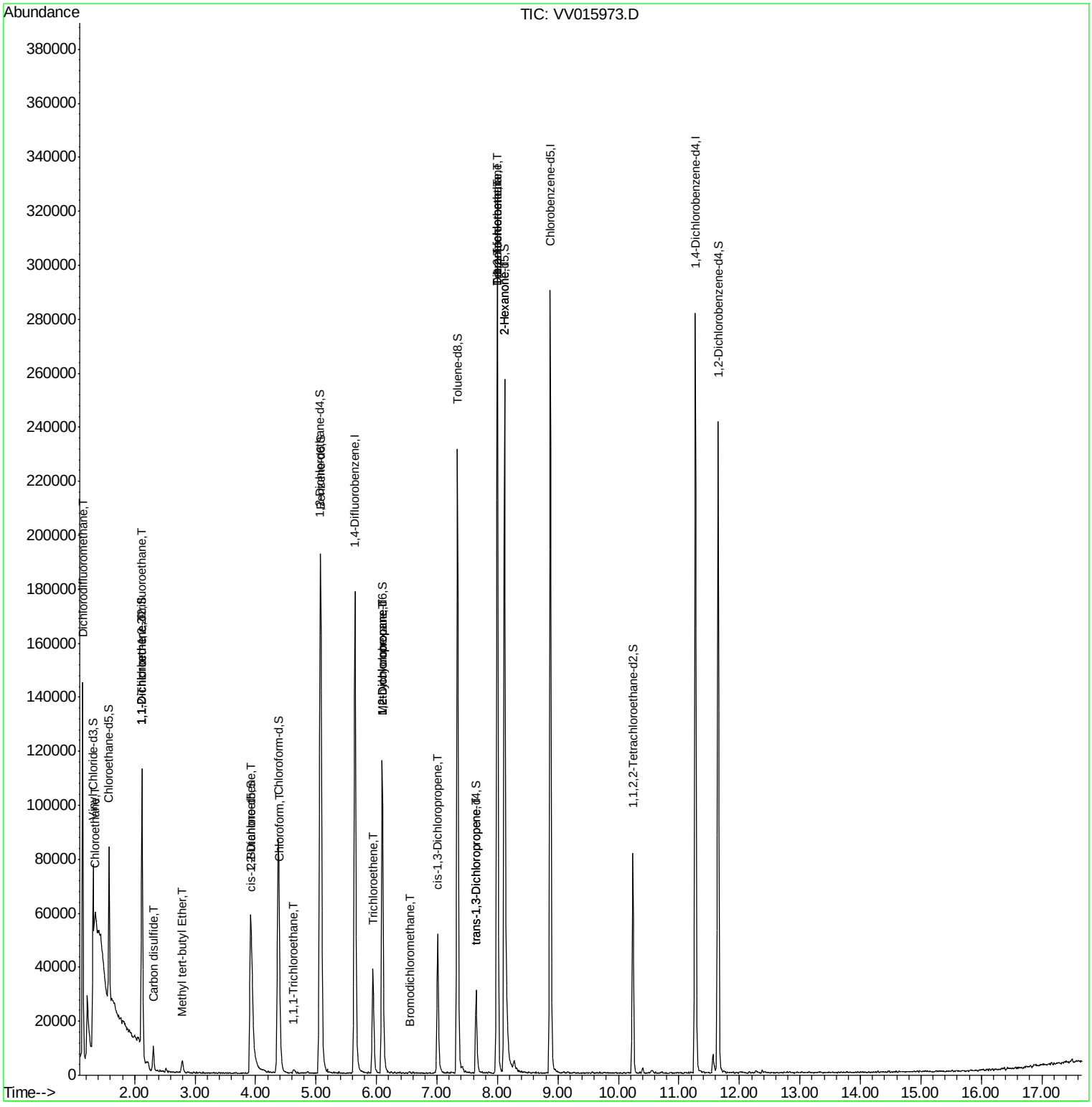
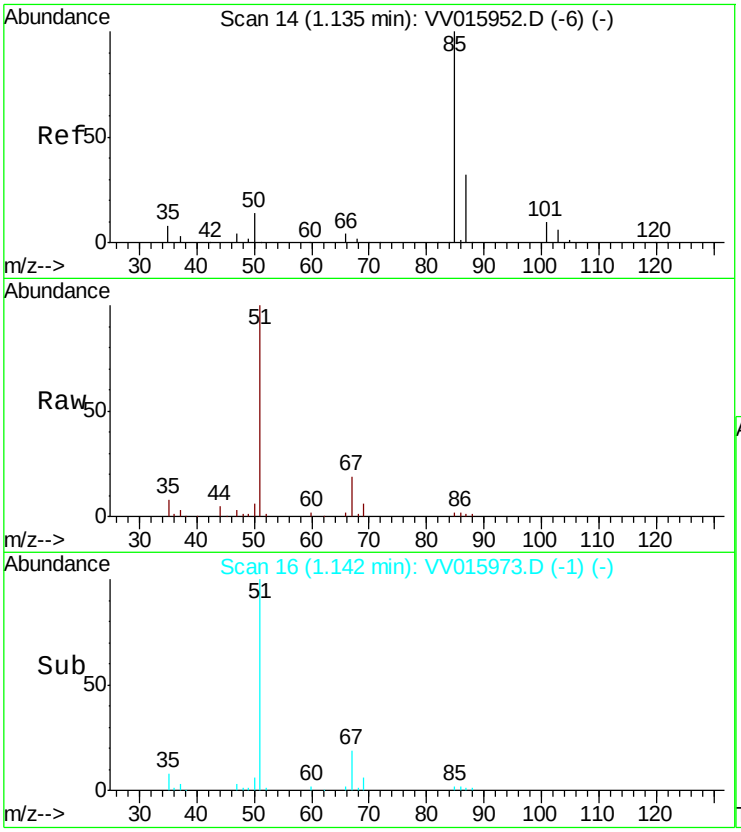
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration



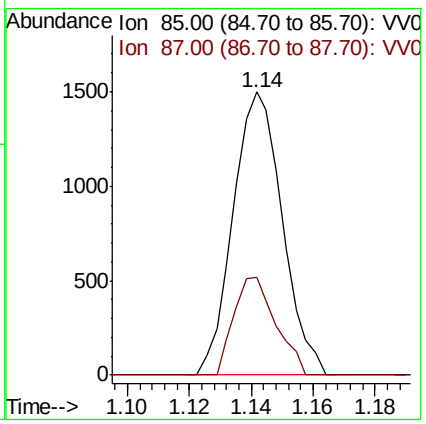


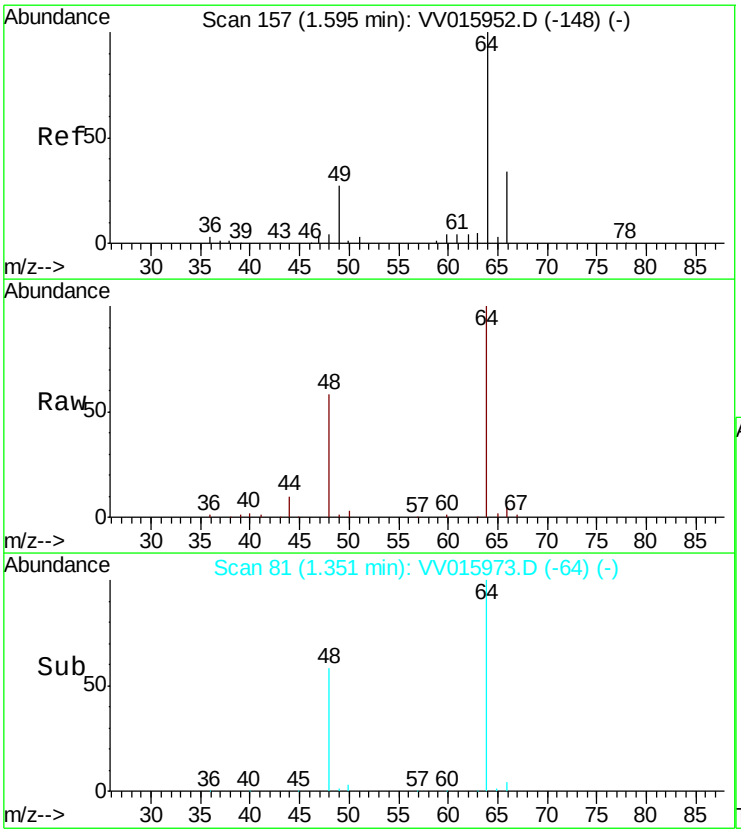
#2
Dichlorodifluoromethane
Concen: 0.150 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 1659

Ion	Ratio	Lower	Upper
85	100		
87	29.6	26.4	39.6

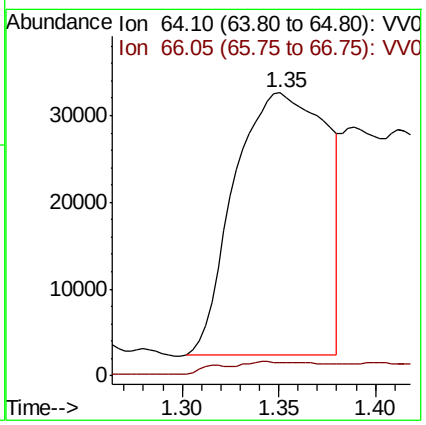


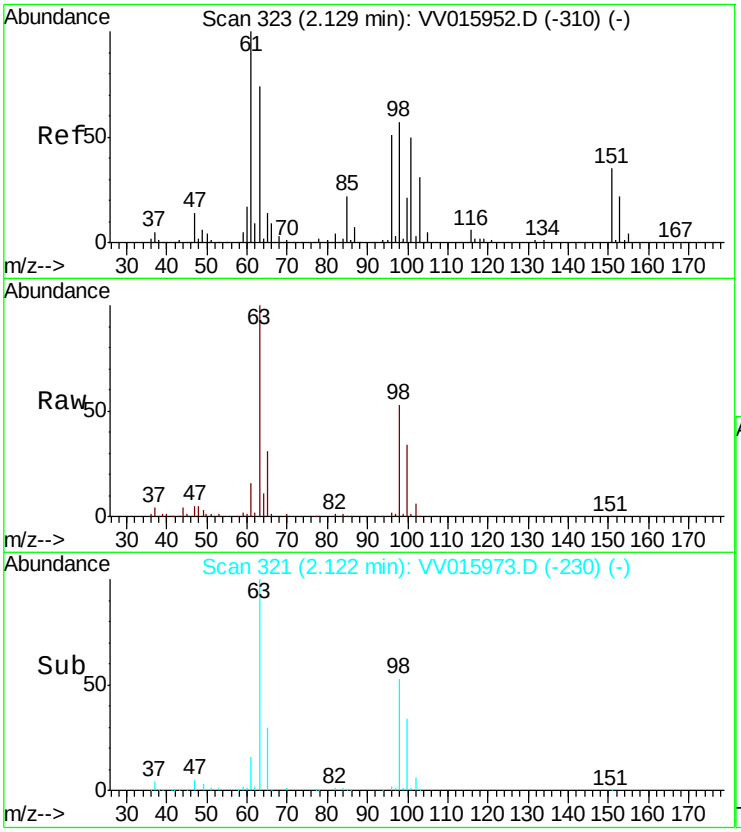


#8
Chloroethane
Concen: 13.154 ug/L
RT: 1.35 min Scan# 81
Delta R.T. -0.24 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 64 Resp: 100114

Ion	Ratio	Lower	Upper
64	100		
66	4.9	23.6	43.8#



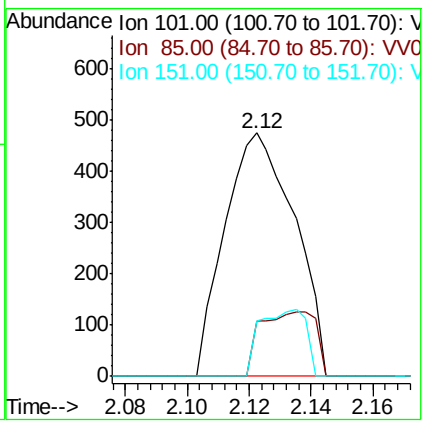


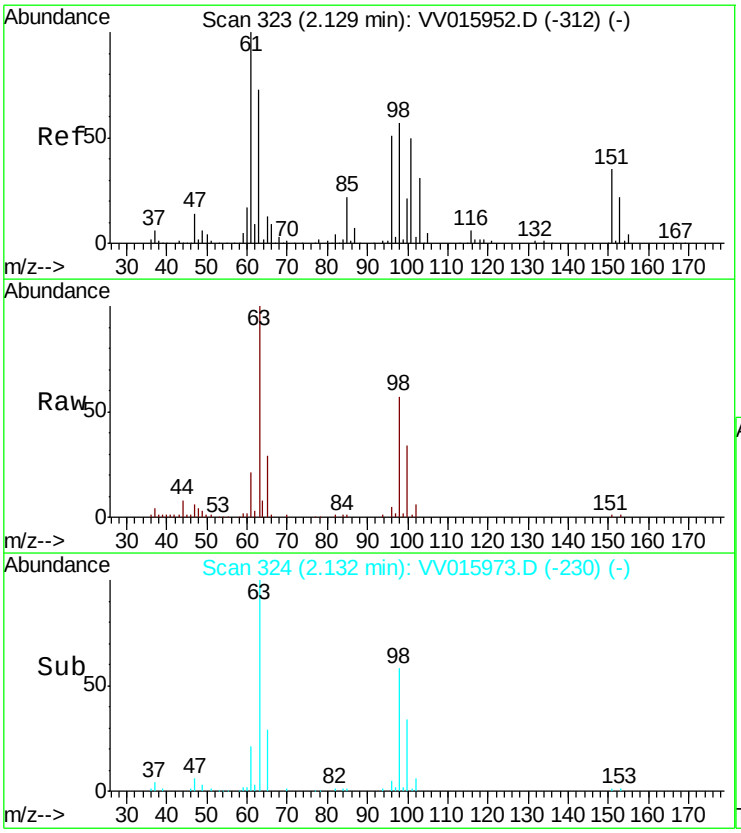
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 746

Ion	Ratio	Lower	Upper
101	100		
85	21.0	35.7	53.5#
151	18.1	58.0	87.0#

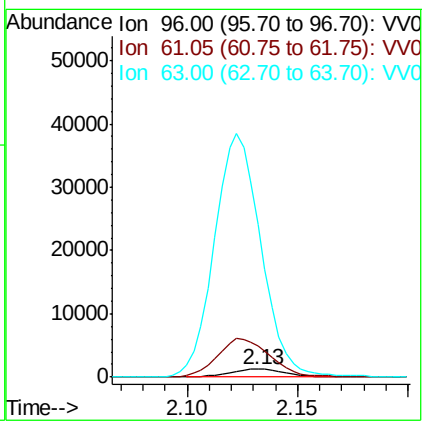


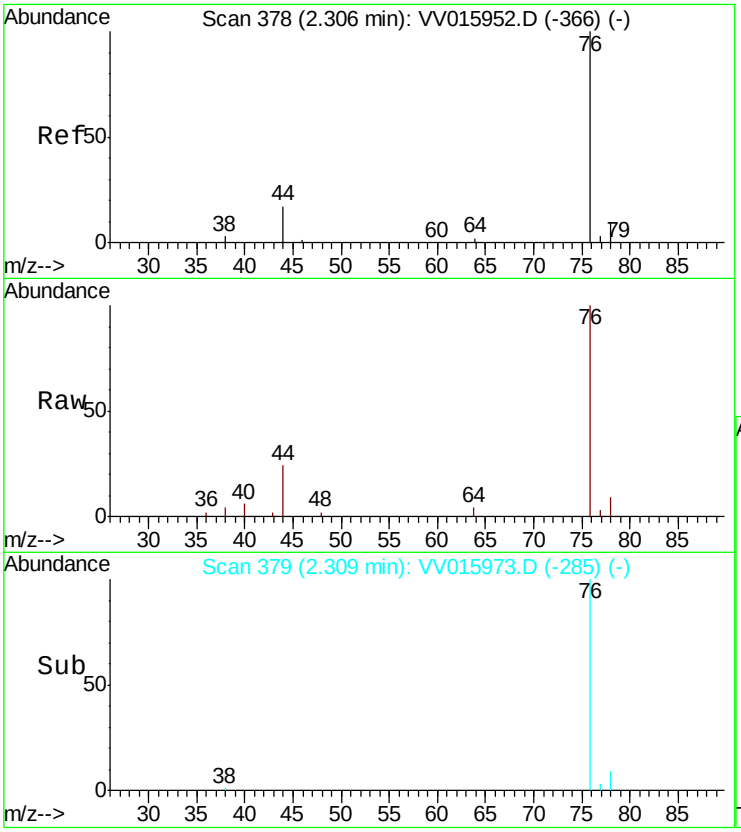


#12
1,1-Dichloroethene
Concen: 0.272 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 96 Resp: 2156

Ion	Ratio	Lower	Upper
96	100		
61	402.1	139.9	259.7#
63	1958.7	106.4	197.6#



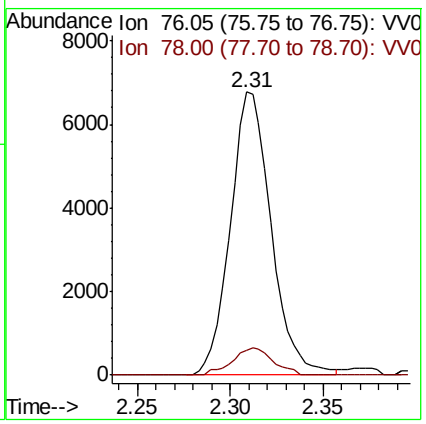


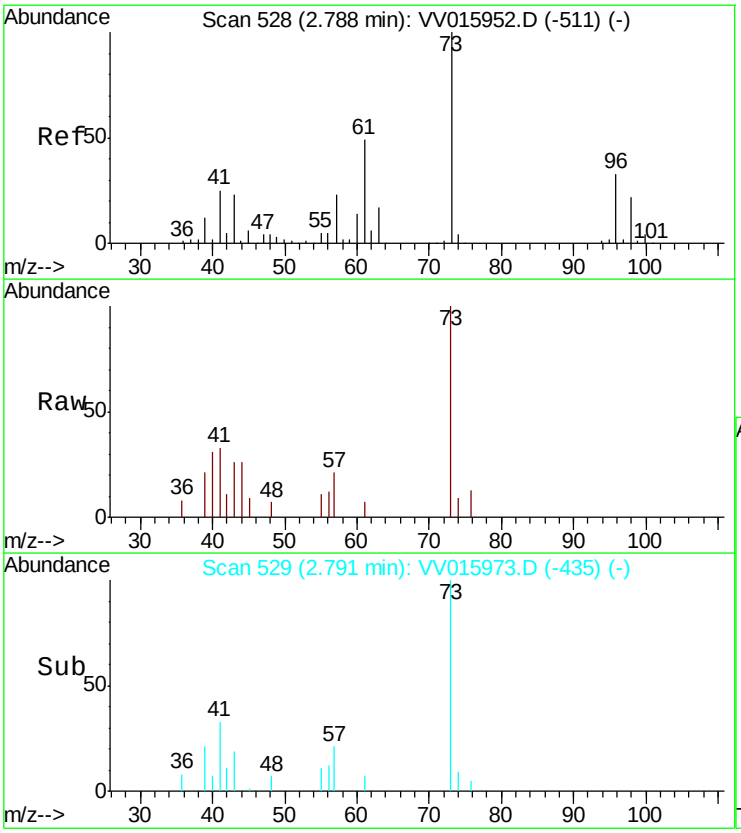
#14
Carbon disulfide
Concen: 0.396 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 10365

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

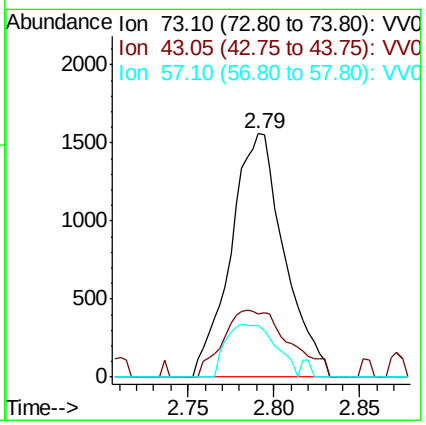


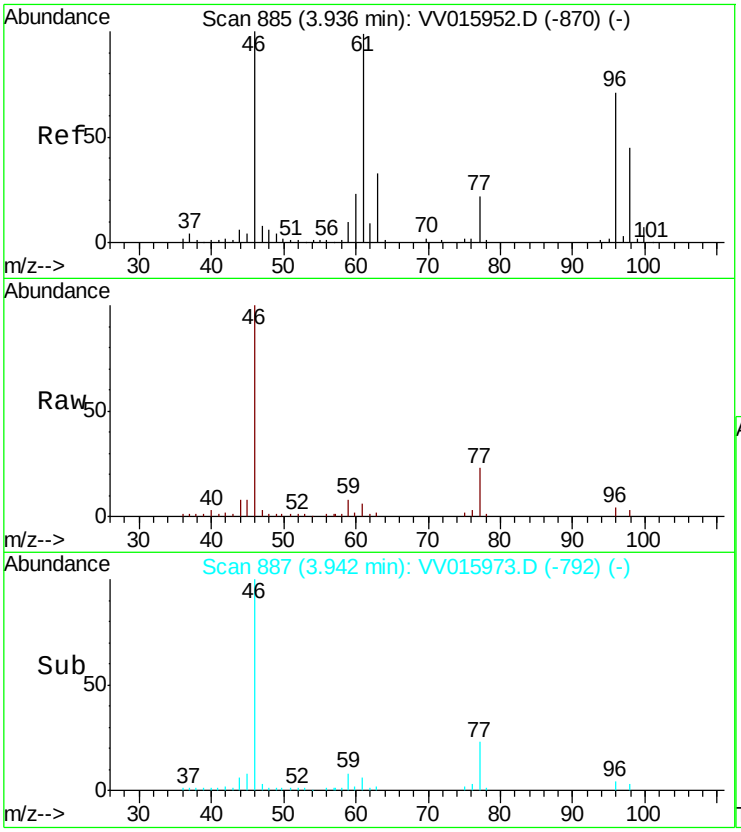


#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 73 Resp: 3363

Ion	Ratio	Lower	Upper
73	100		
43	33.9	18.8	28.2#
57	20.0	17.8	26.6



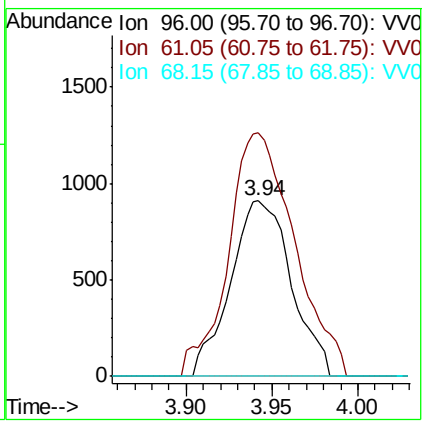


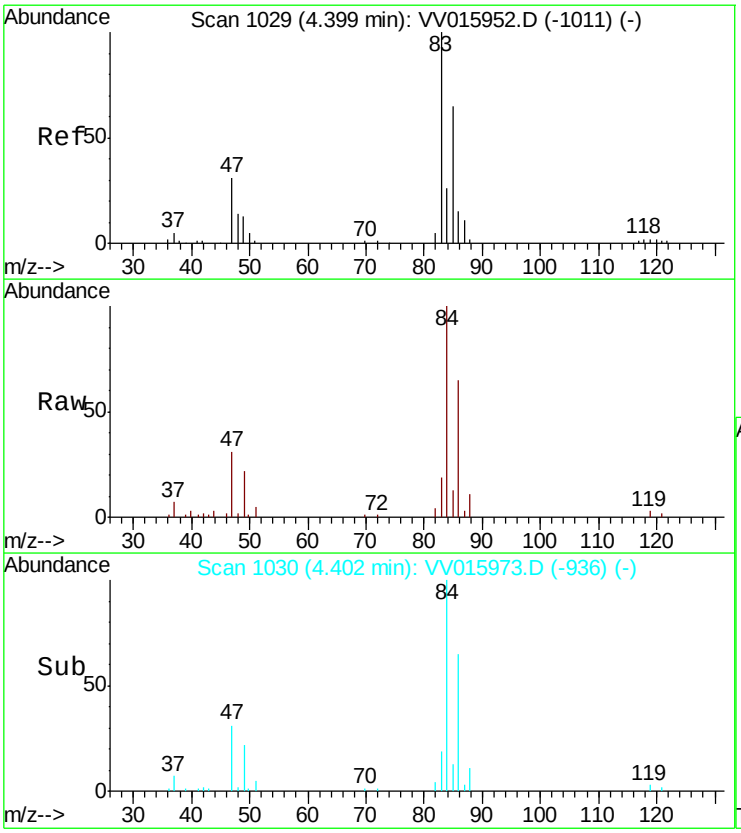
#22
cis-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2241

Ion	Ratio	Lower	Upper
96	100		
61	138.8	97.2	180.6
68	0.0	0.0	0.0

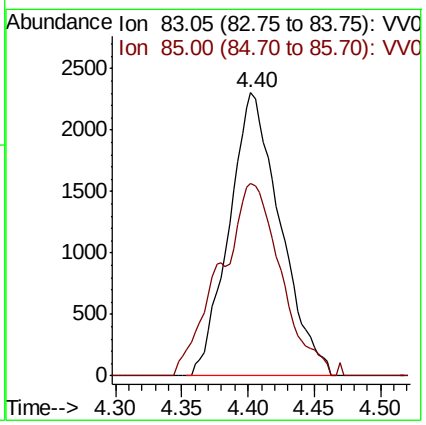


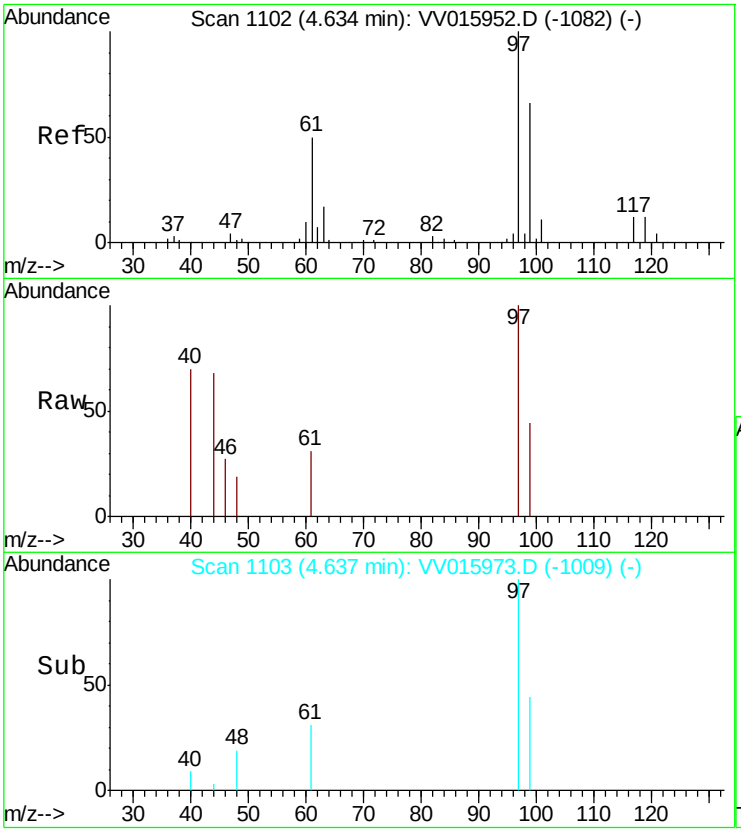


#25
Chloroform
Concen: 0.333 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 83 Resp: 6187

Ion	Ratio	Lower	Upper
83	100		
85	67.8	45.7	84.9



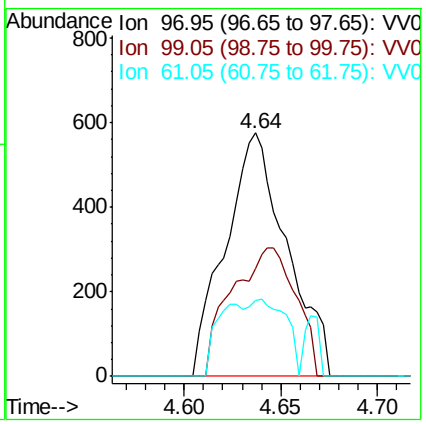


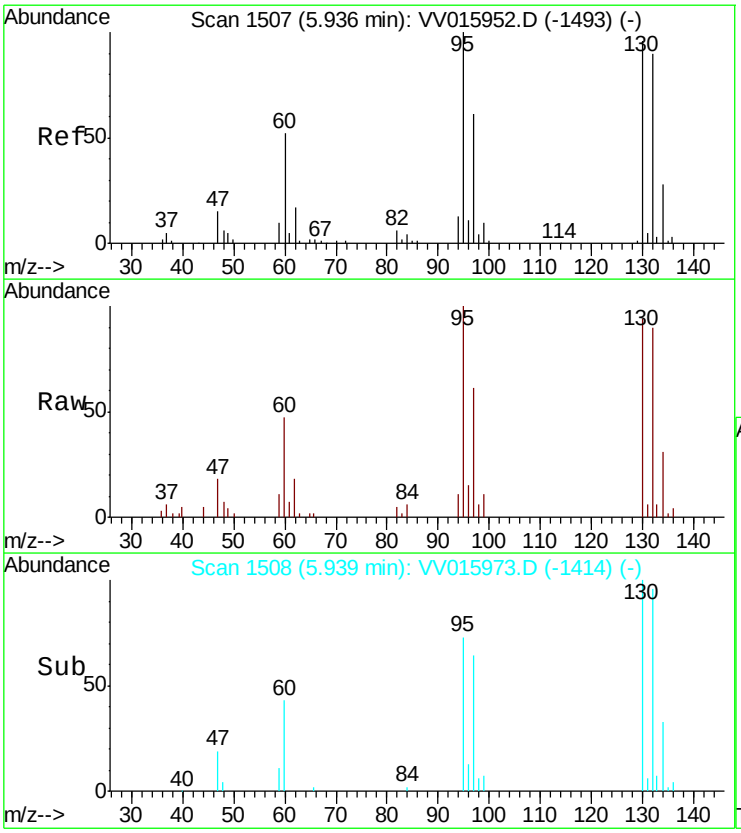
#29
1,1,1-Trichloroethane
Concen: 0.080 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1268

Ion	Ratio	Lower	Upper
97	100		
99	55.6	50.7	76.1
61	16.8	38.8	58.2#

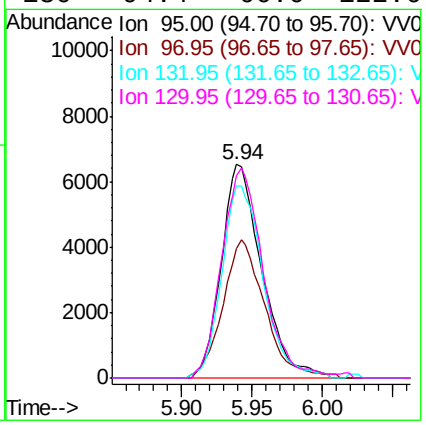


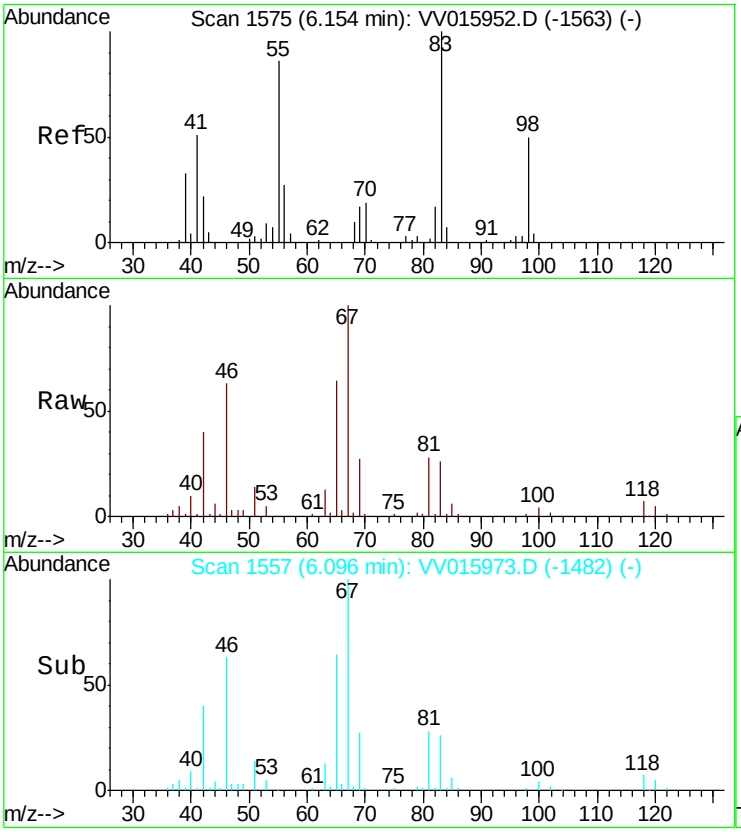


#34
Trichloroethene
Concen: 1.273 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 95 Resp: 13087

Ion	Ratio	Lower	Upper
95	100		
97	60.5	43.3	80.5
132	90.2	60.3	112.1
130	94.4	66.0	122.6



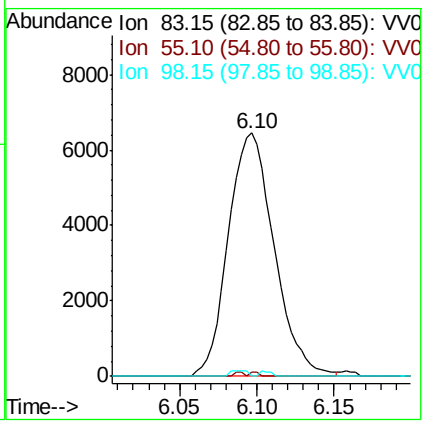


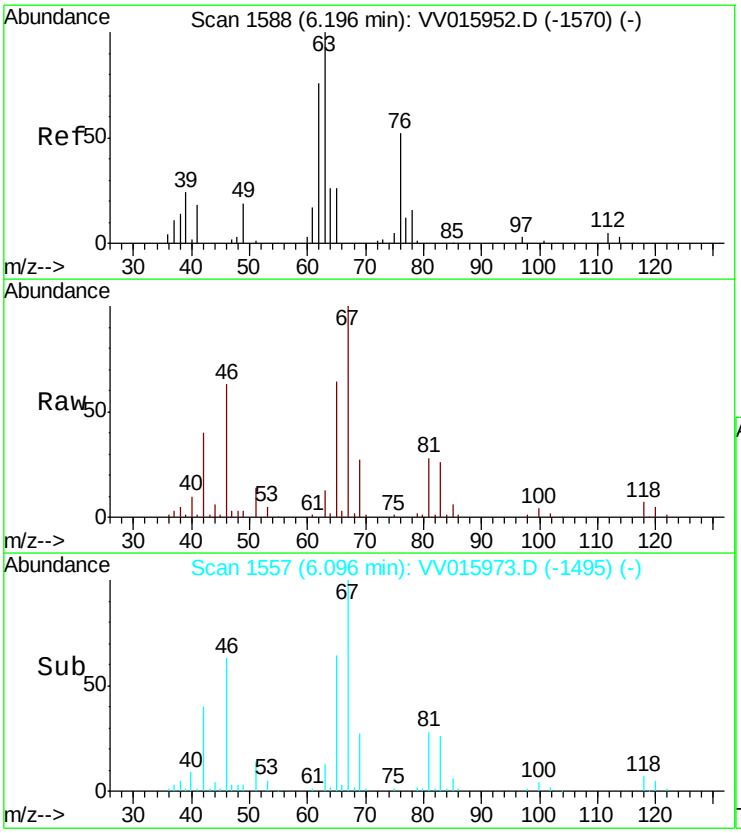
#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13283

Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.2	99.2#
98	0.5	37.9	56.9#

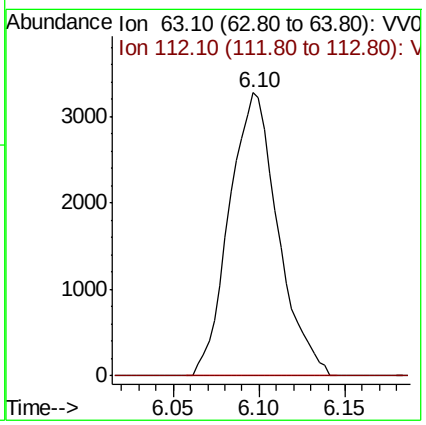


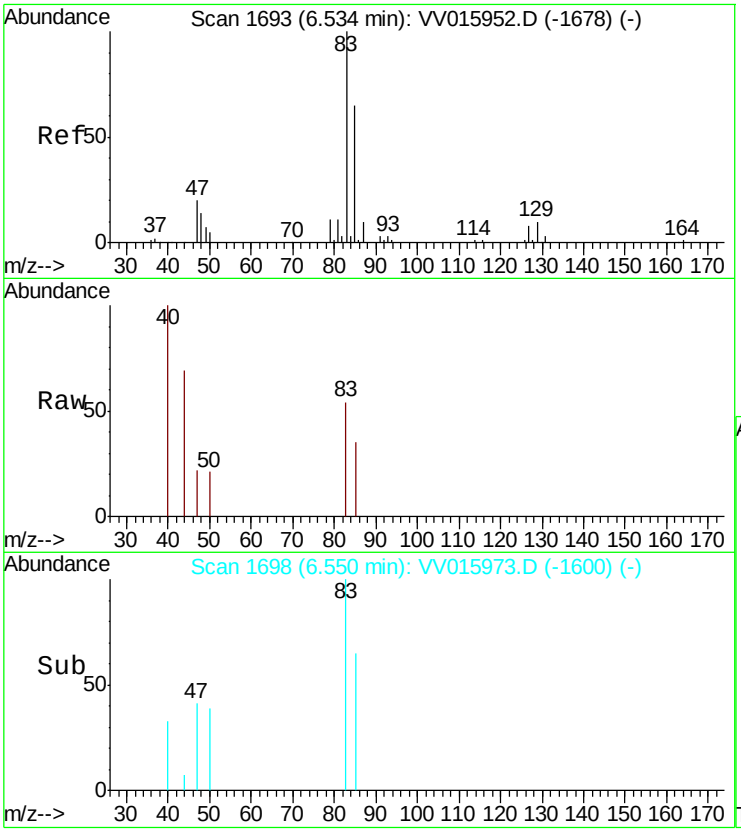


#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 63 Resp: 6460

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



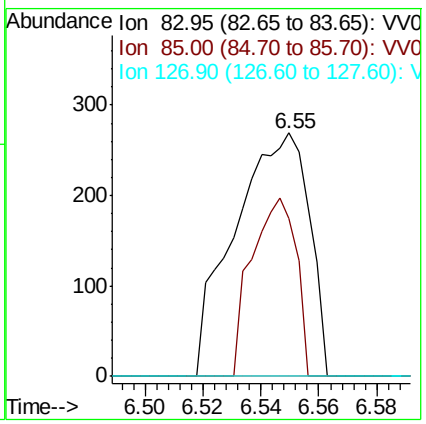


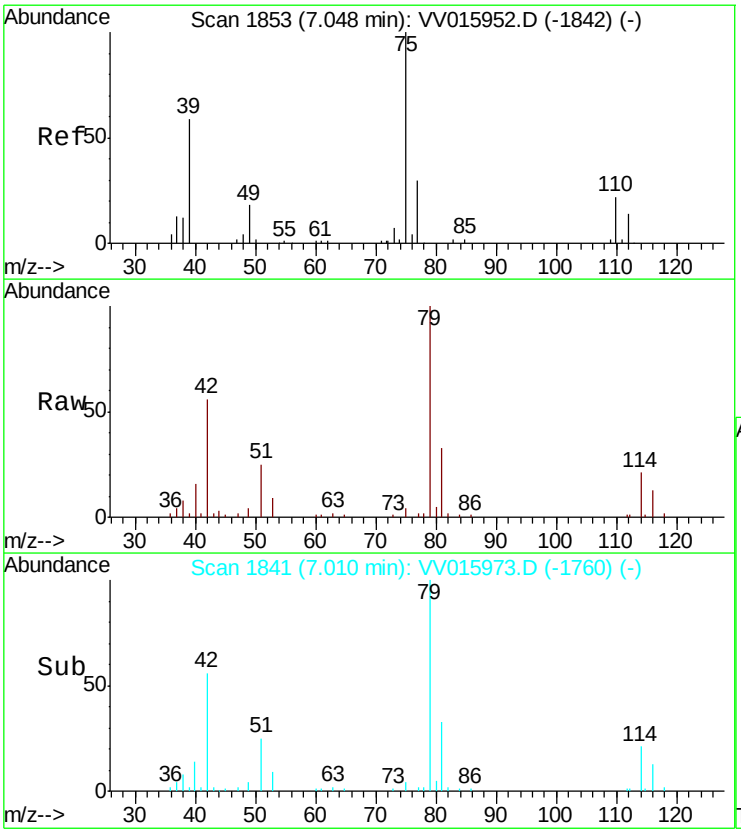
#38
Bromodichloromethane
Concen: 0.041 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 479

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.5	84.5
127	0.0	6.2	9.4#

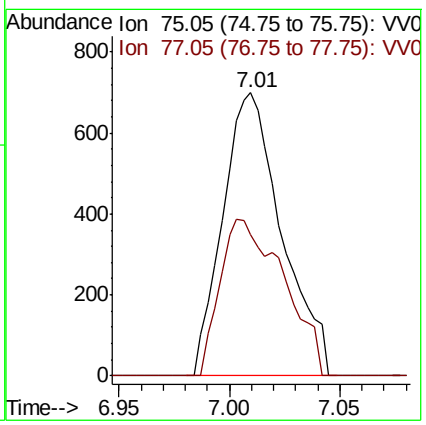


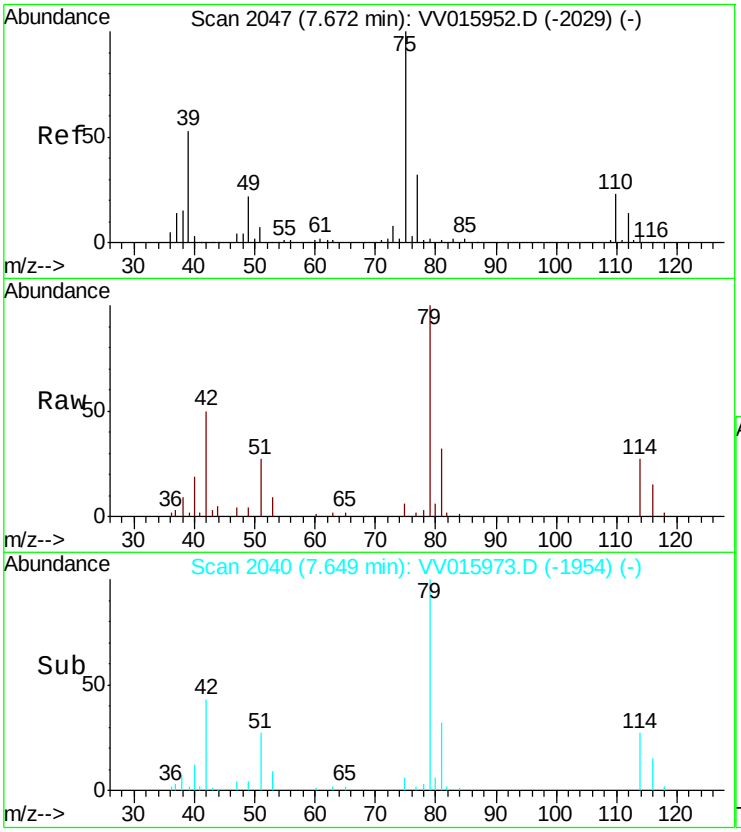


#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 75 Resp: 1300

Ion	Ratio	Lower	Upper
75	100		
77	49.8	21.3	39.5#



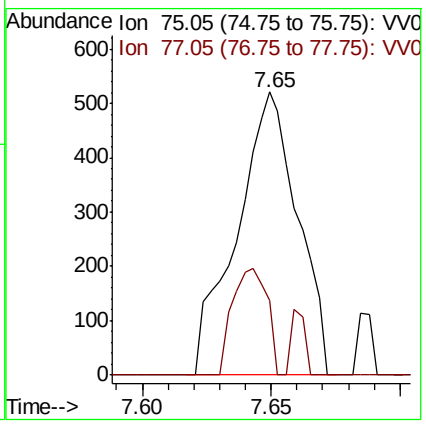


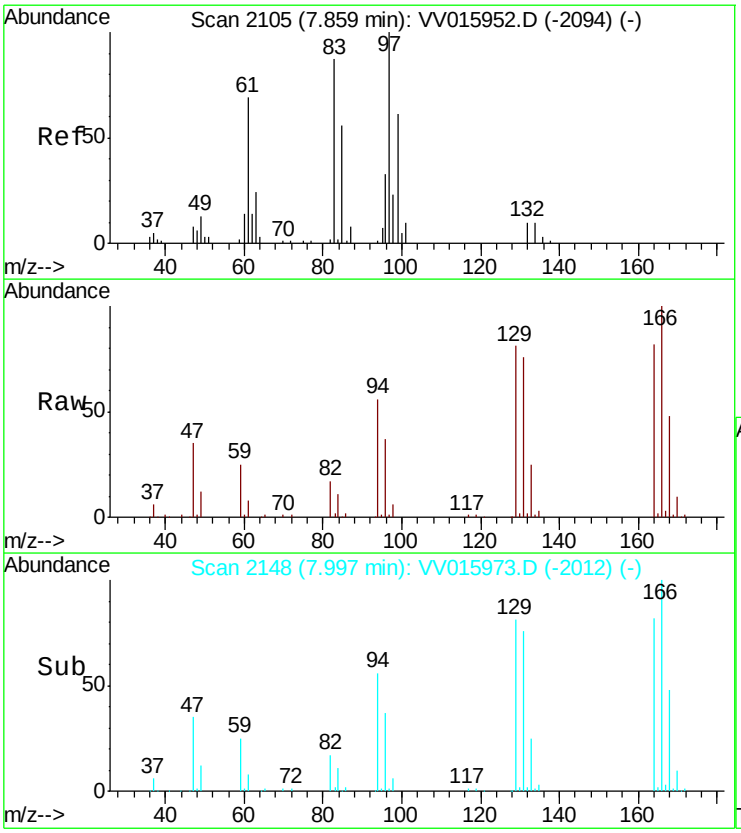
#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 856

Ion	Ratio	Lower	Upper
75	100		
77	26.5	21.3	39.6

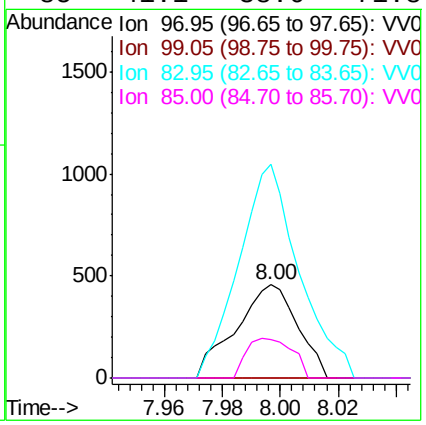


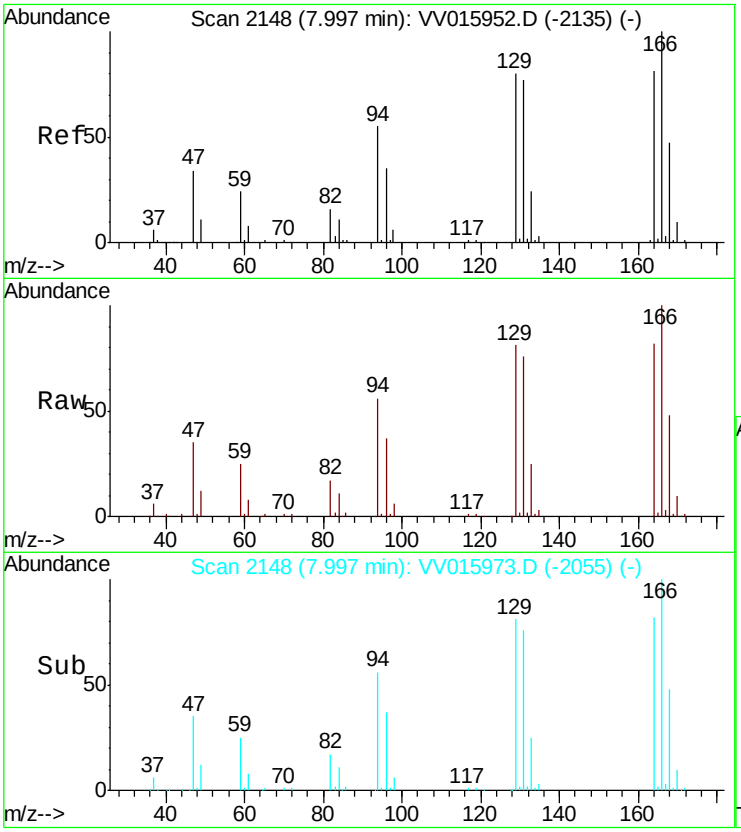


#47
1,1,2-Trichloroethane
Concen: 0.110 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 97 Resp: 673

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.1#
83	228.9	59.2	110.0#
85	41.1	38.6	71.8



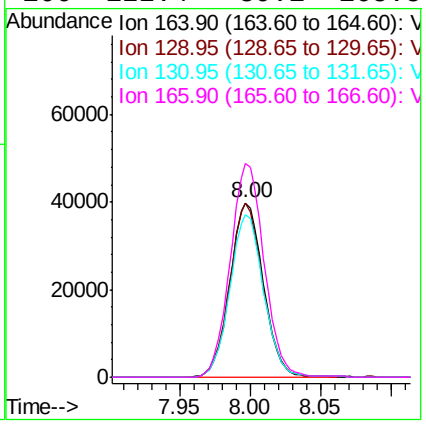


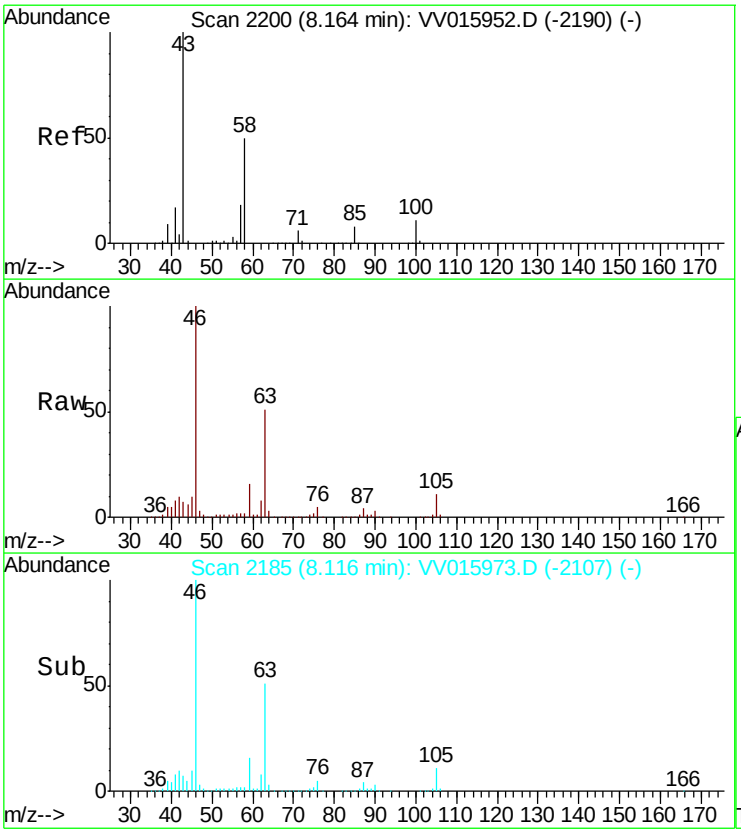
#49
Tetrachloroethene
Concen: 9.222 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 66144

Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.7	129.4
131	93.4	66.8	124.2
166	122.4	89.1	165.5

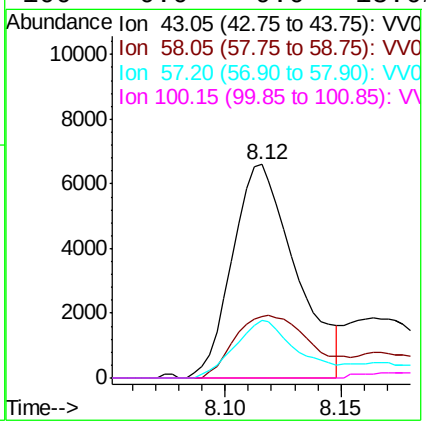


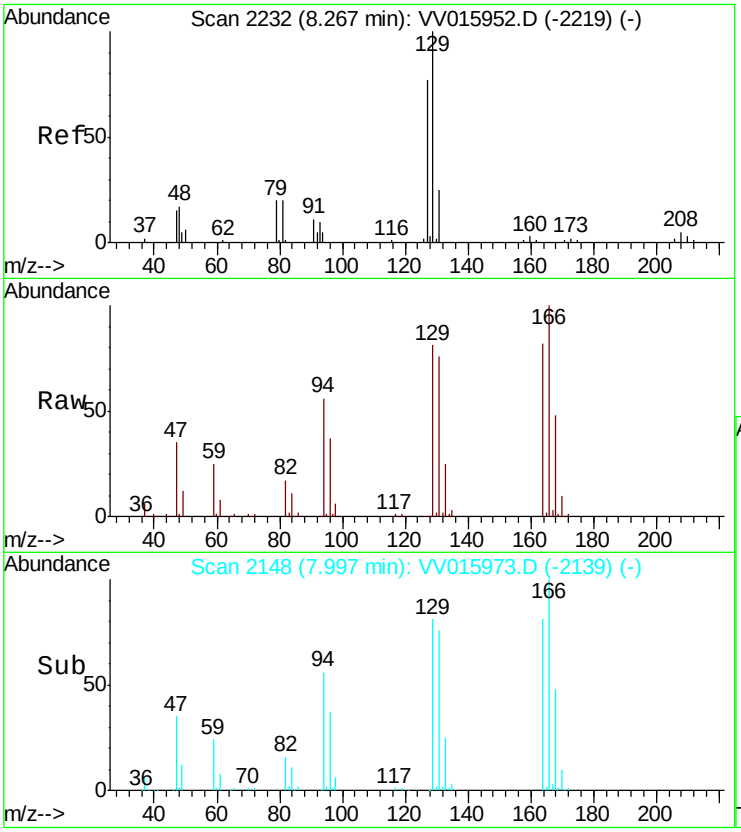


#50
2-Hexanone
Concen: 3.101 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion: 43 Resp: 12505

Ion	Ratio	Lower	Upper
43	100		
58	36.4	40.8	61.2#
57	26.4	14.7	22.1#
100	0.0	9.0	13.6#





#51
Dibromochloromethane
Concen: 9.353 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015973.D
Acq: 08 May 2020 18:17

Tgt Ion:129 Resp: 64217

Ion	Ratio	Lower	Upper
129	100		
127	0.4	56.0	104.0#

Instrument :
MSVOA_V
ClientSampleId :