Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011720\
Data File : VV014340.D
Acq On : 17 Jan 2020 16:00
Operator : SY/MD
Sample : L1169-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF771

Quant Time: Jan 17 22:56:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	819313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	761546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	349534	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	243998	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.59	69	202382	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.13	63	285331	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	3.93	46	686210	49.83	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.66%			
24) Chloroform-d	4.40	84	488923	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.08	65	253384	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.10	84	1072841	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.12	67	343258	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.36	98	953521	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.66	79	133342	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.13	63	604109	45.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.56%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	235872	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	318660	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	208581	3.638	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3047	0.083	ug/L #	22
13) Acetone	2.19	43	23726	2.502	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	564739	4.169	ug/L	99
19) 1,1-Dichloroethane	3.23	63	1268790	11.765	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	242545	4.021	ug/L	95
25) Chloroform	4.43	83	43151	0.418	ug/L	100
27) 1,2-Dichloroethane	5.18	62	363251	5.881	ug/L	95
33) Benzene	5.15	78	513147	2.188	ug/L	100
35) Methylcyclohexane	6.12	83	79248	0.804	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	33697	0.569	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	5297	0.072	ug/L #	75
48) 2-Hexanone	8.13	43	71034	2.752	ug/L #	75

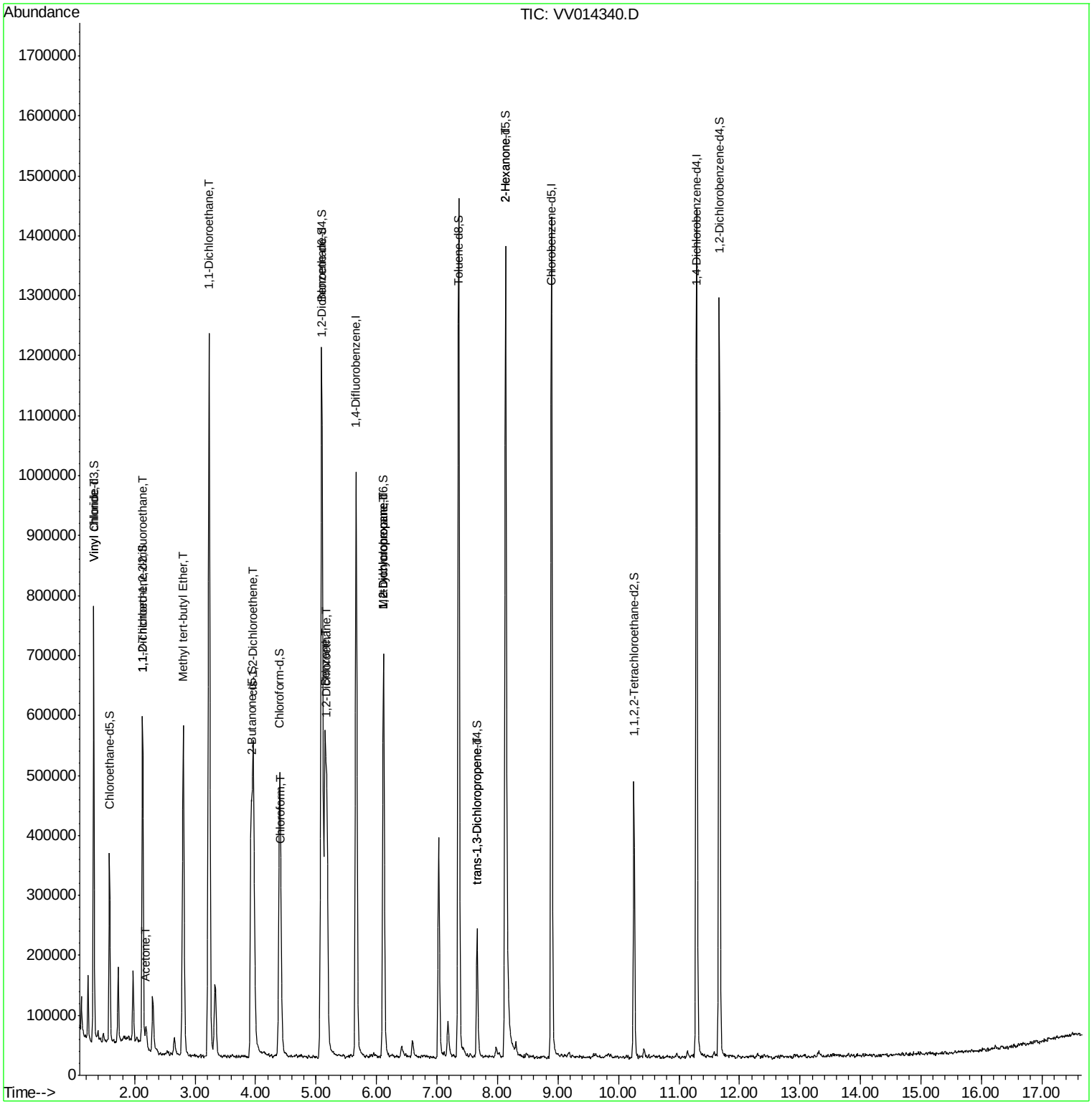
(#) = qualifier out of range (m) = manual integration (+) = signals summed

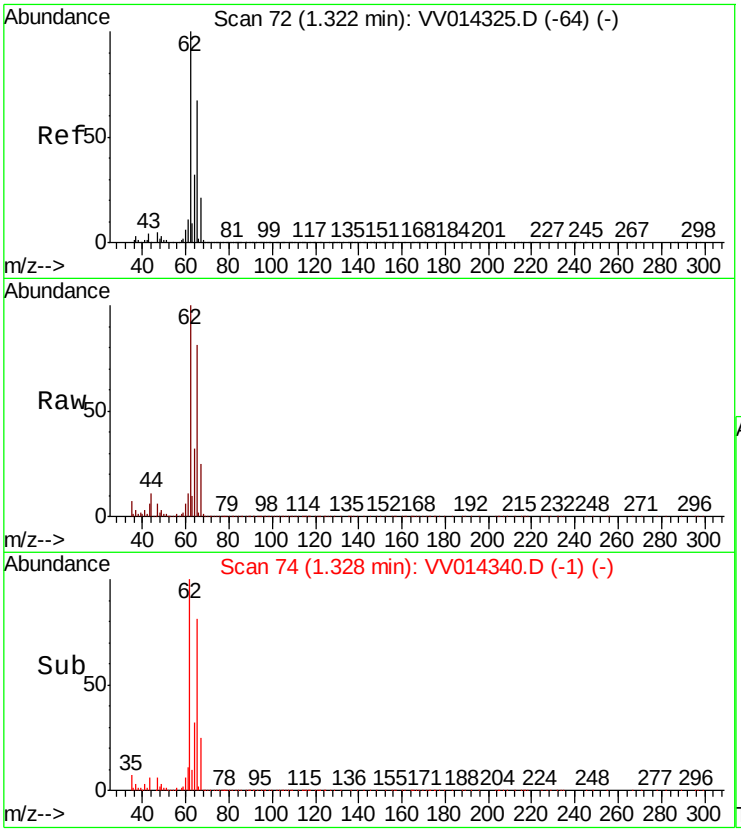
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011720\
Data File : VV014340.D
Acq On : 17 Jan 2020 16:00
Operator : SY/MD
Sample : L1169-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF771

Quant Time: Jan 17 22:56:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration



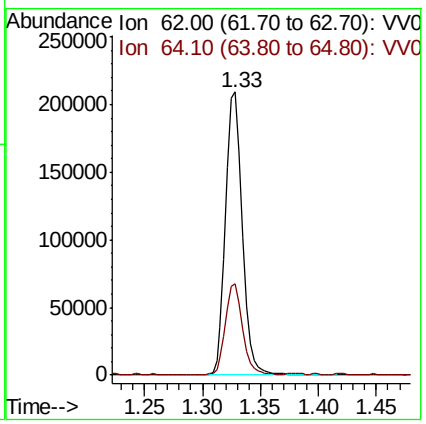


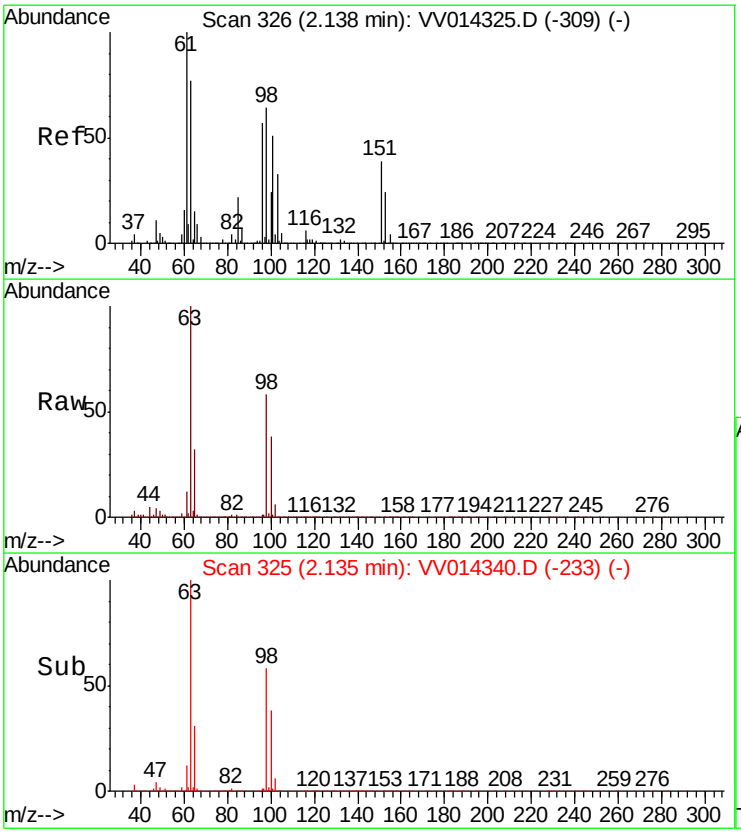
#5
Vinyl chloride
Concen: 3.638 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument : MSVOA_V
ClientSampleId : BF771

Tgt Ion: 62 Resp: 208581

Ion	Ratio	Lower	Upper
62	100		
64	32.2	23.0	42.6

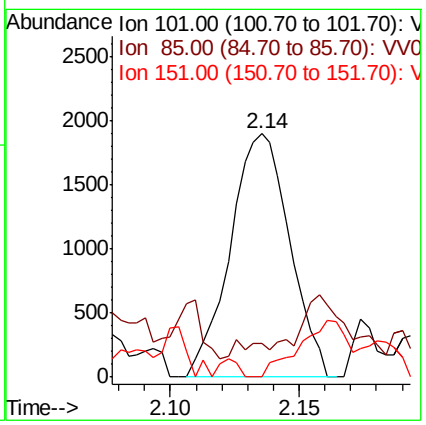


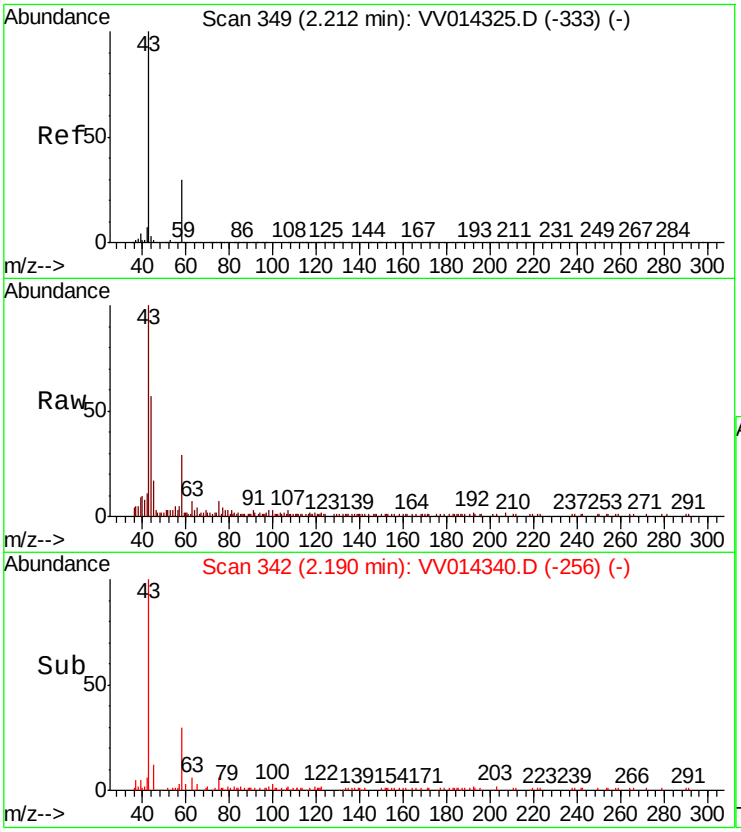


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion:101 Resp: 3047

Ion	Ratio	Lower	Upper
101	100		
85	3.4	34.9	52.3#
151	2.3	62.5	93.7#



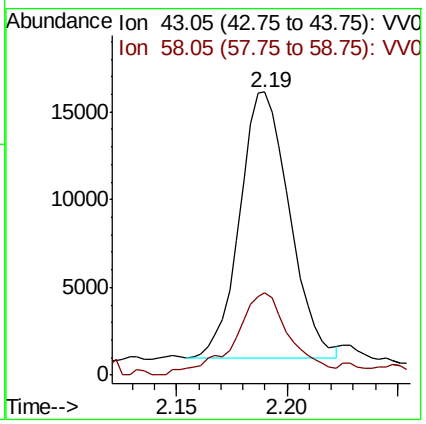


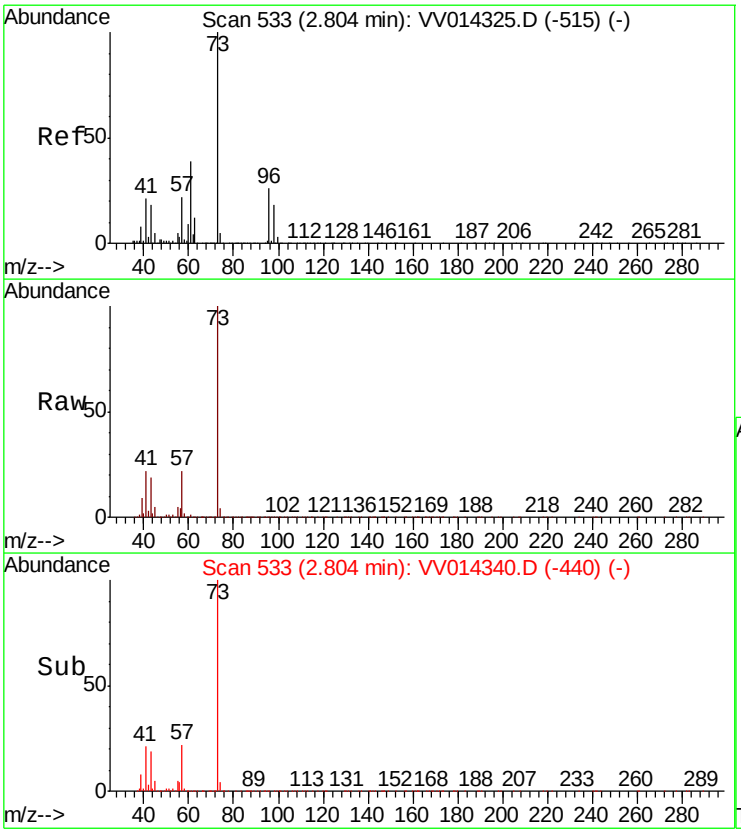
#13
Acetone
Concen: 2.502 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
BF771

Tgt Ion: 43 Resp: 23726

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	66.0

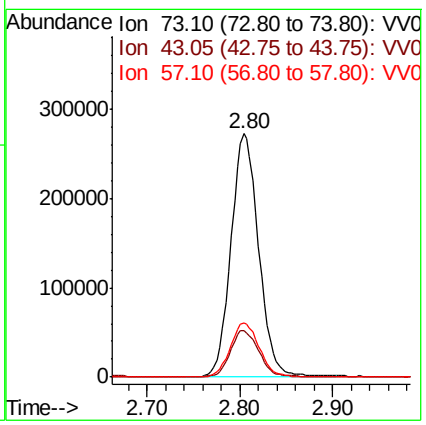


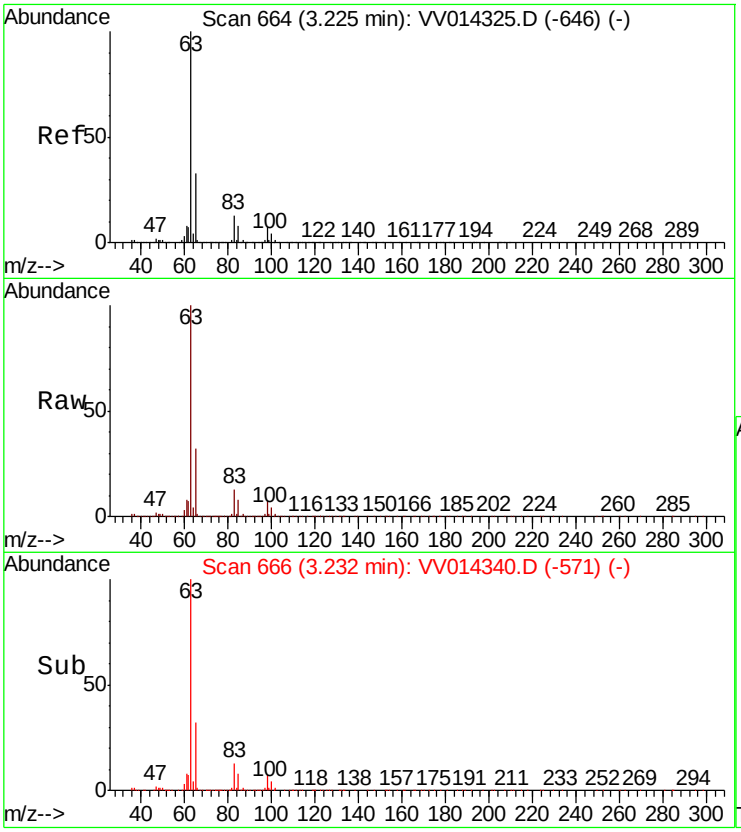


#17
Methyl tert-butyl Ether
Concen: 4.169 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion: 73 Resp: 564739

Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.7	22.1
57	22.8	17.9	26.9



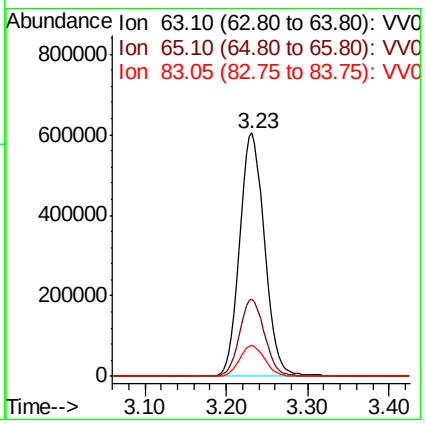


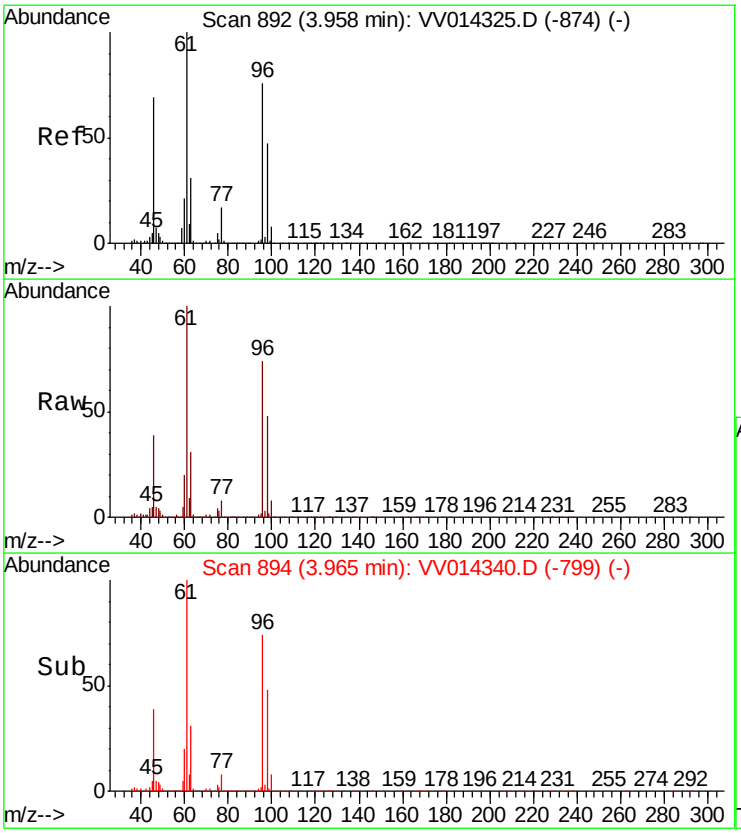
#19
1,1-Dichloroethane
Concen: 11.765 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
BF771

Tgt Ion: 63 Resp: 1268790

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.7	42.3
83	12.7	10.0	18.6

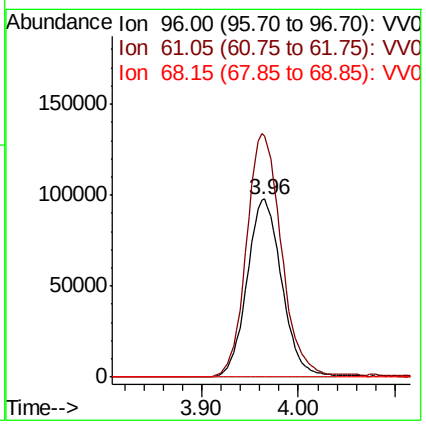


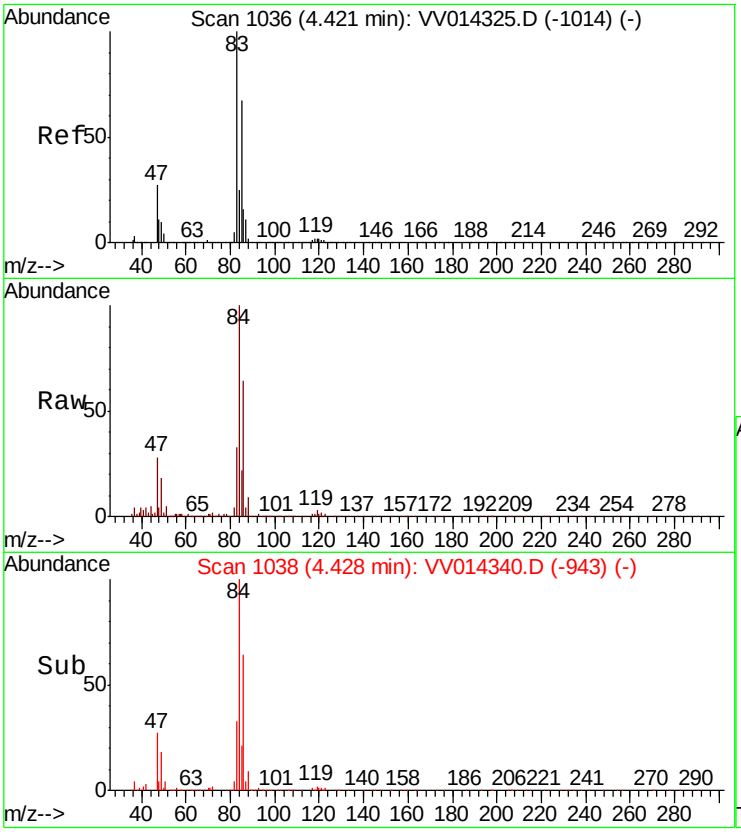


#22
cis-1,2-Dichloroethene
Concen: 4.021 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion: 96 Resp: 242545

Ion	Ratio	Lower	Upper
96	100		
61	135.5	90.6	168.3
68	0.5	0.3	0.7



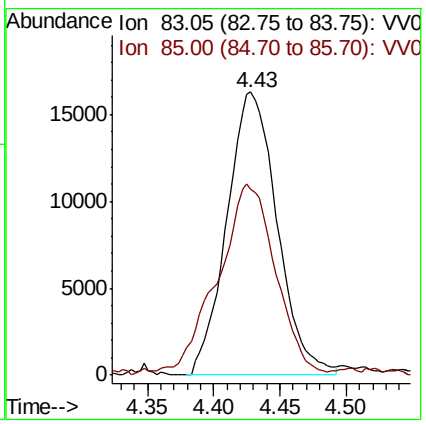


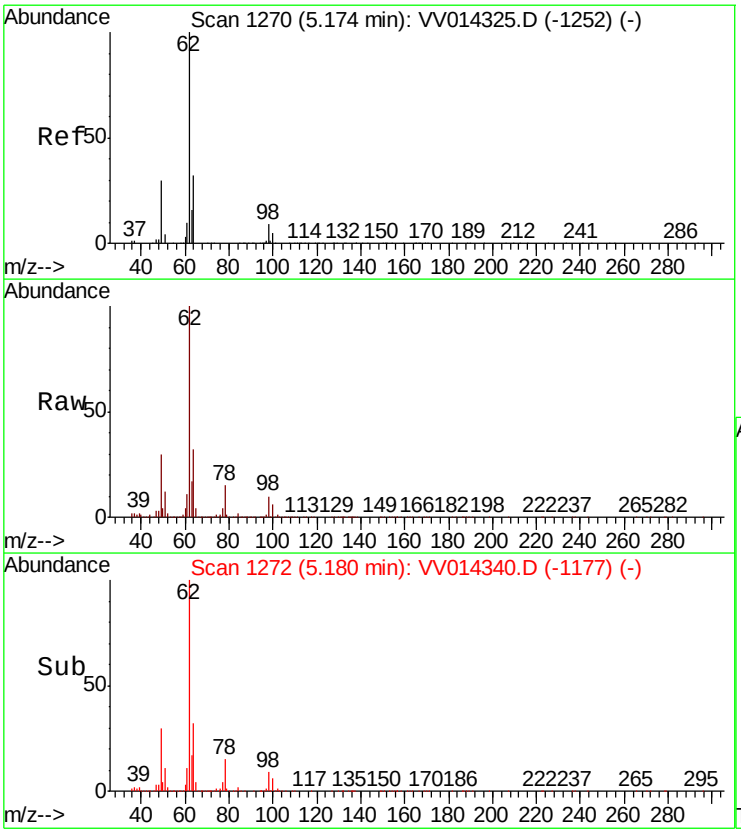
#25
Chloroform
Concen: 0.418 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument : MSVOA_V
ClientSampleId : BF771

Tgt Ion: 83 Resp: 43151

Ion	Ratio	Lower	Upper
83	100		
85	65.8	46.2	85.8

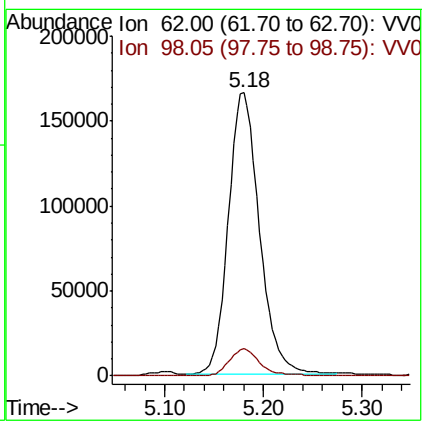


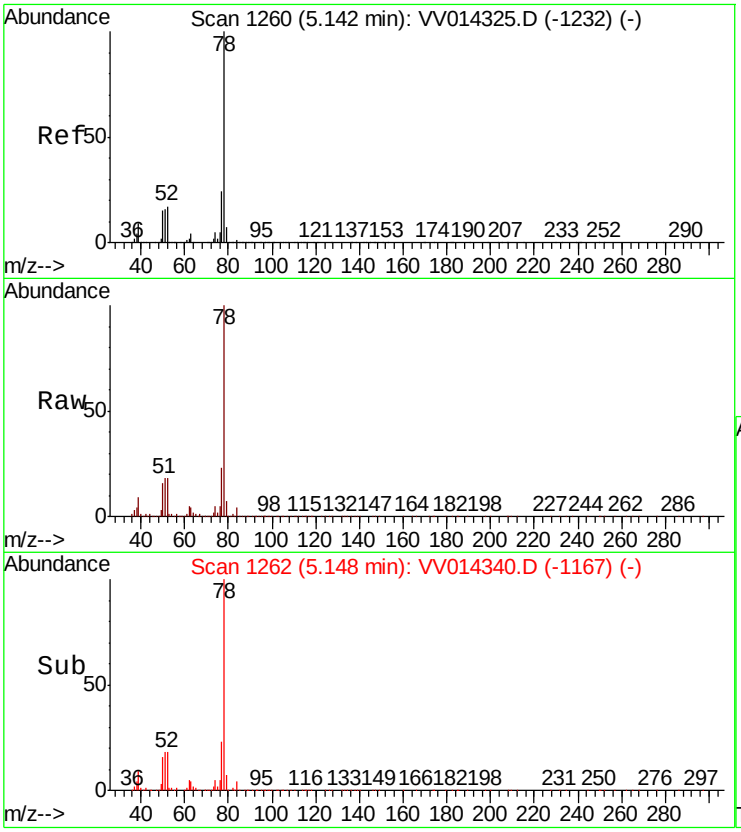


#27
1,2-Dichloroethane
Concen: 5.881 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion: 62 Resp: 363251

Ion	Ratio	Lower	Upper
62	100		
98	9.6	9.2	13.8

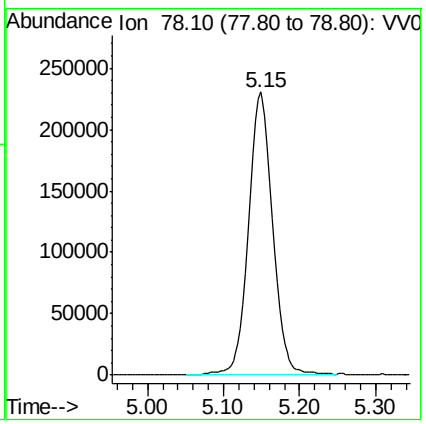


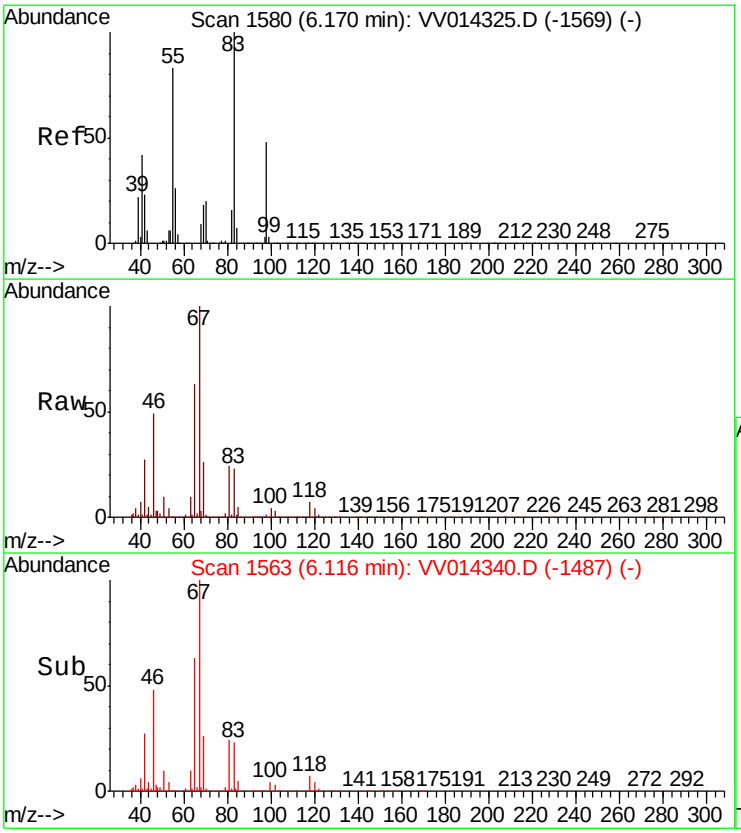


#33
Benzene
Concen: 2.188 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
BF771

Tgt Ion: 78 Resp: 513147

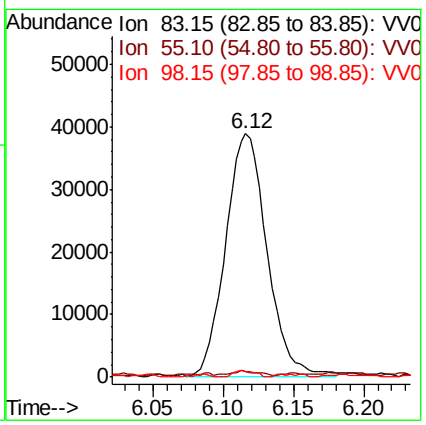


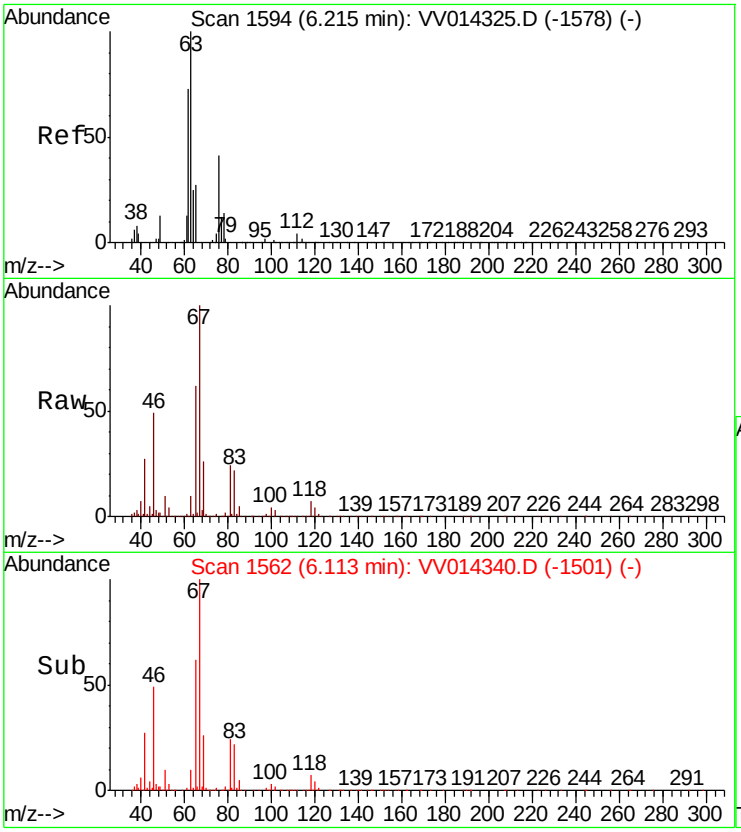


#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion: 83 Resp: 79248

Ion	Ratio	Lower	Upper
83	100		
55	0.9	61.7	92.5#
98	1.5	38.1	57.1#



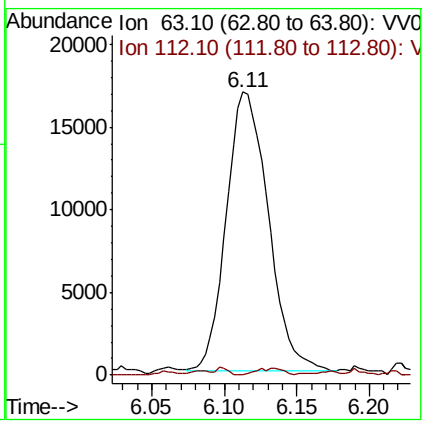


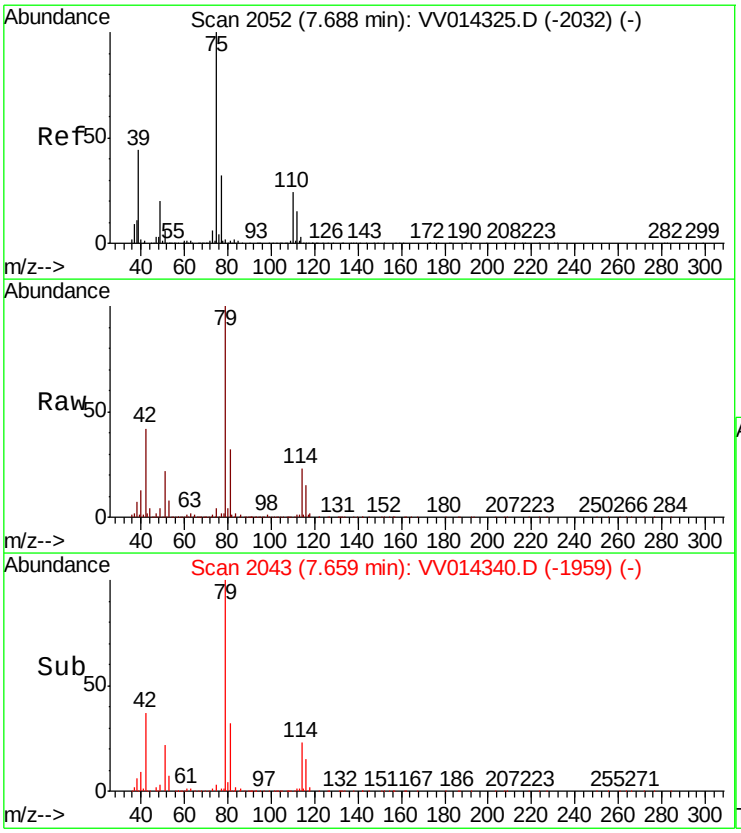
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
BF771

Tgt Ion: 63 Resp: 33697

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.7	5.5#

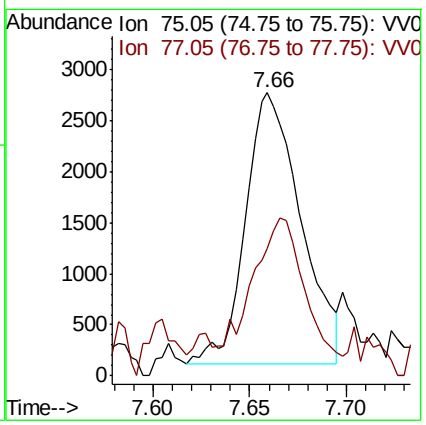


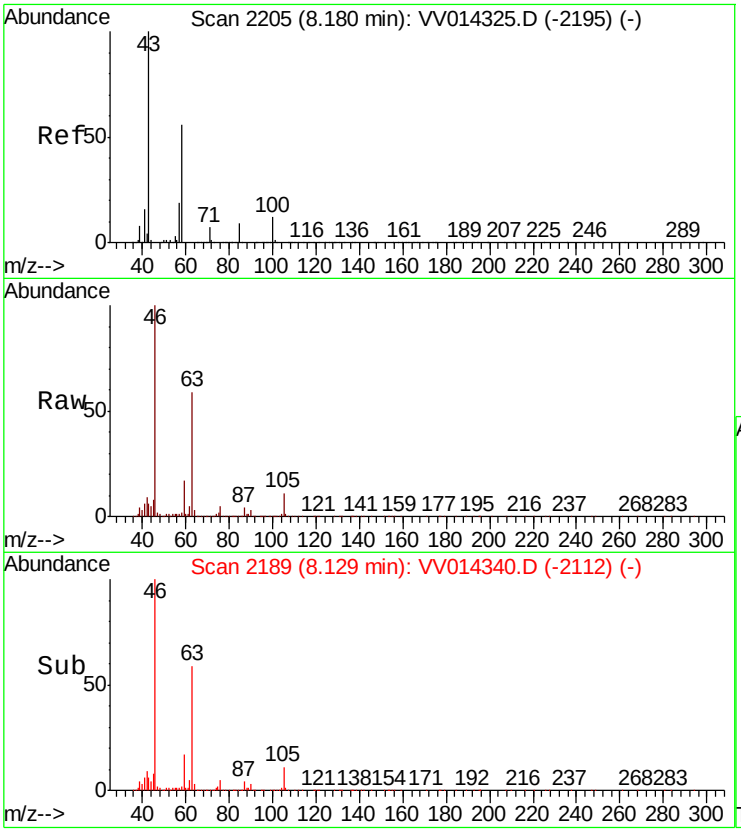


#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Tgt Ion: 75 Resp: 5297

Ion	Ratio	Lower	Upper
75	100		
77	45.1	22.0	41.0#





#48
2-Hexanone
Concen: 2.752 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014340.D
Acq: 17 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
BF771

Tgt Ion: 43 Resp: 71034

Ion	Ratio	Lower	Upper
43	100		
58	33.9	45.4	68.0#
57	18.5	15.8	23.8
100	0.7	10.2	15.4#