Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
Data File : VV011341.D
Acq On : 09 Jun 2019 02:23
Operator : SY/MD
Sample : K3276-23
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB8F9

Quant Time: Jun 09 04:15:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Jun 09 00:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133137	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	45984	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40190	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.56	69	34897	4.16	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.12	63	69156	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	3.95	46	108785	47.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.80%			
24) Chloroform-d	4.40	84	82818	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.08	65	47912	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.09	84	171757	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.12	67	52514	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.36	98	147243	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.66	79	14717	3.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.00%			
46) 2-Hexanone-d5	8.13	63	82467	46.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.92%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33947	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	46006	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2466	0.194	ug/L #	82
6) Bromomethane	1.52	94	918	0.144	ug/L	78
8) Chloroethane	1.31	64	4329	0.553	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	701	0.081	ug/L #	42
13) Acetone	2.20	43	9334	6.129	ug/L	98
15) Methyl Acetate	2.35	43	14763	3.650	ug/L #	53
19) 1,1-Dichloroethane	3.23	63	1741	0.094	ug/L #	90
25) Chloroform	4.42	83	1629	0.085	ug/L	99
35) Methylcyclohexane	6.12	83	13301	0.818	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6805	0.718	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1447	0.104	ug/L #	74
44) trans-1,3-Dichloropropene	7.66	75	913	0.087	ug/L	100
48) 2-Hexanone	8.13	43	12293	2.922	ug/L #	72

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

Quantitation Report (Not Reviewed)

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Instrument :
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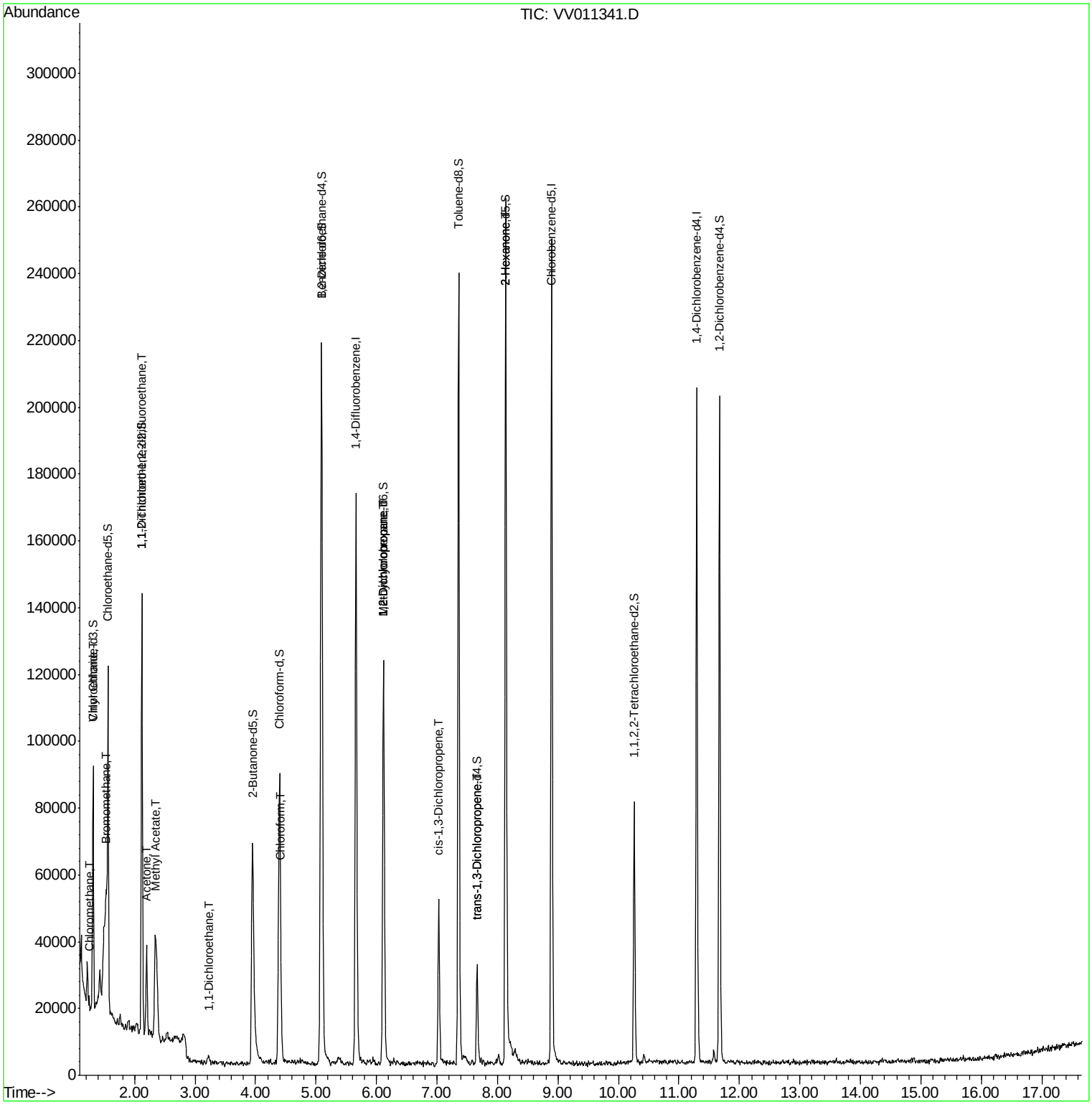
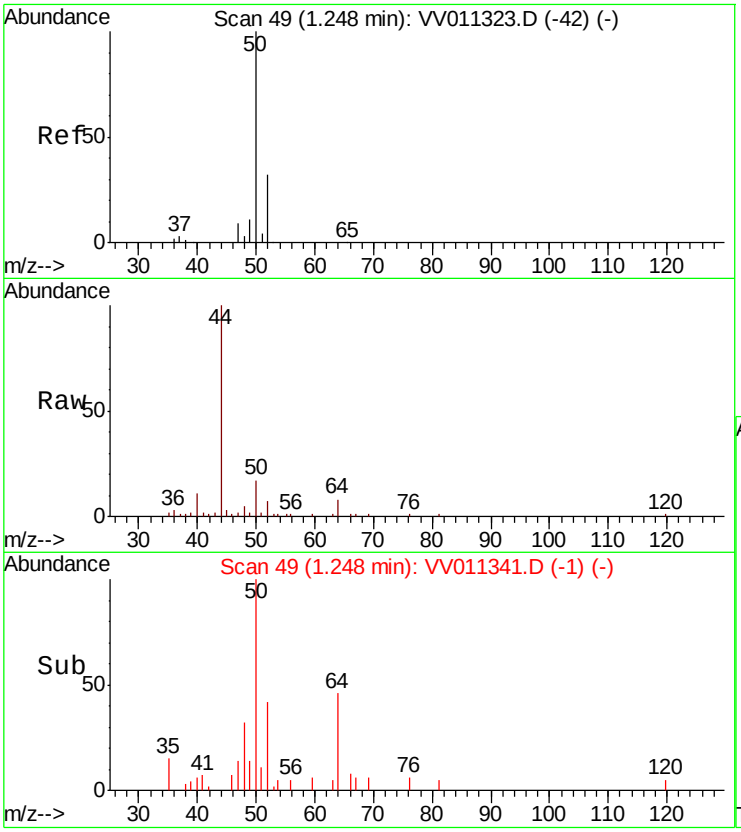
ClientSampleId :
DB8F9

Quant Time: Jun 09 04:15:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Jun 09 00:10:13 2019
Response via : Initial Calibration



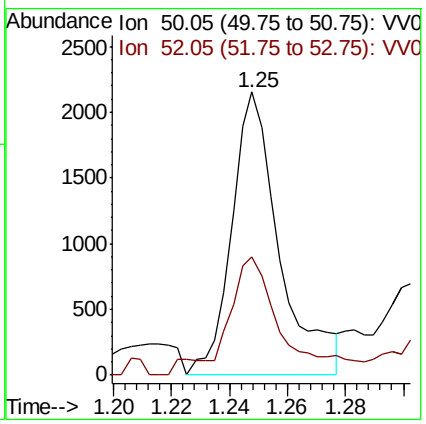


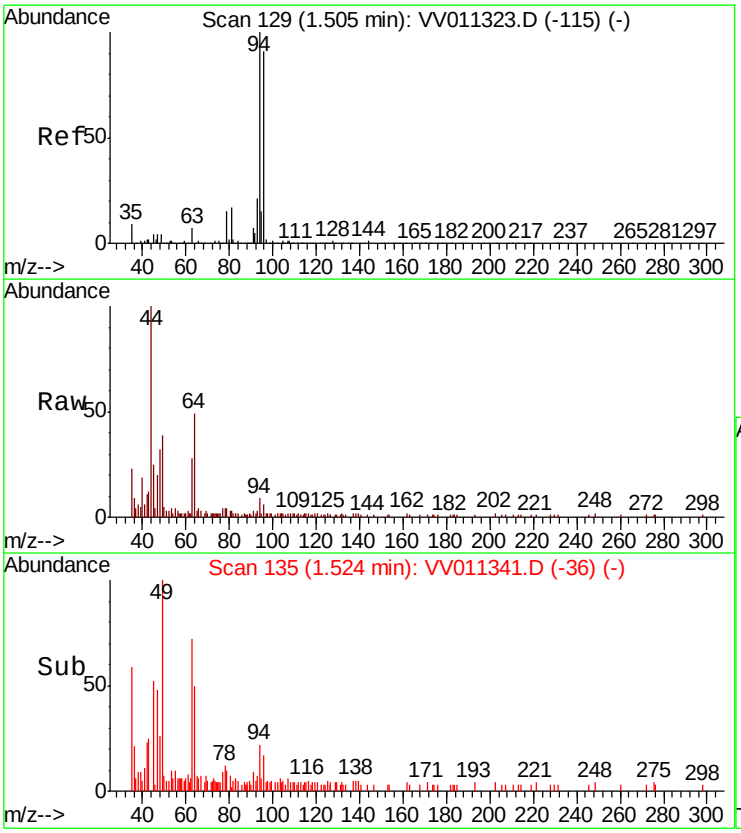
#3
Chloromethane
Concen: 0.194 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument :
MSVOA_V
ClientSampleId :
DB8F9

Tgt Ion: 50 Resp: 2466

Ion	Ratio	Lower	Upper
50	100		
52	41.7	22.3	41.5#

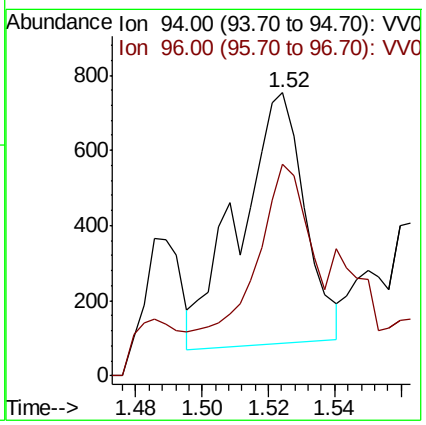


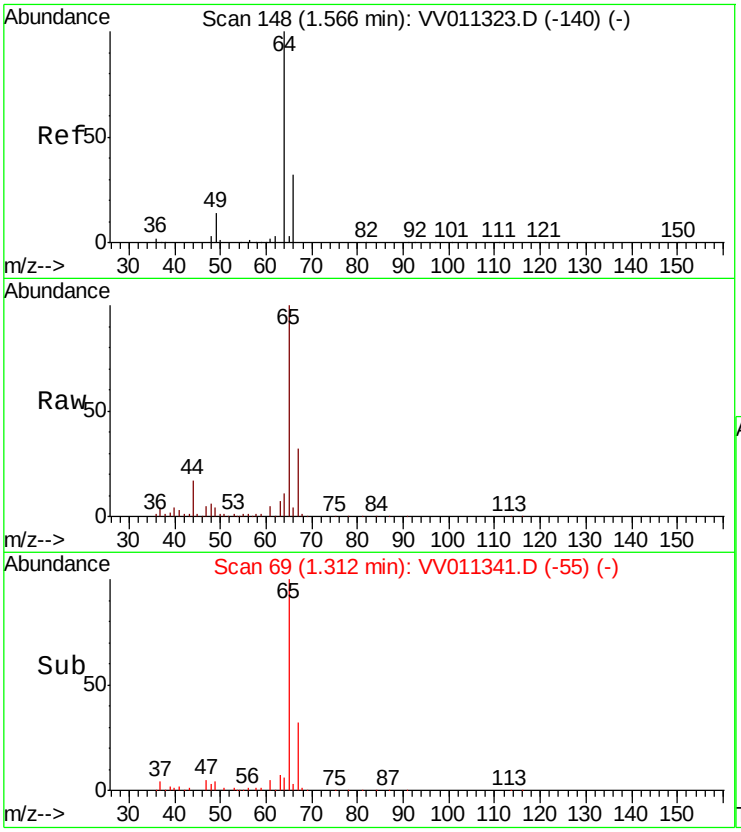


#6
Bromomethane
Concen: 0.144 ug/L
RT: 1.52 min Scan# 135
Delta R.T. 0.02 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Tgt Ion: 94 Resp: 918

Ion	Ratio	Lower	Upper
94	100		
96	74.6	67.0	124.4



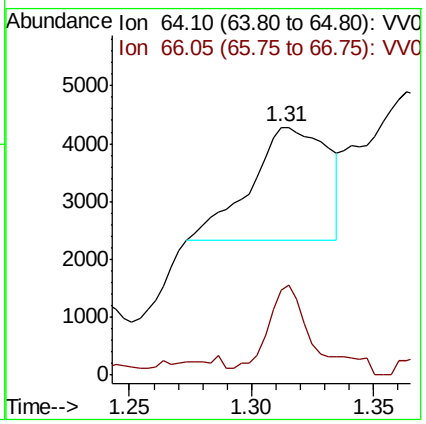


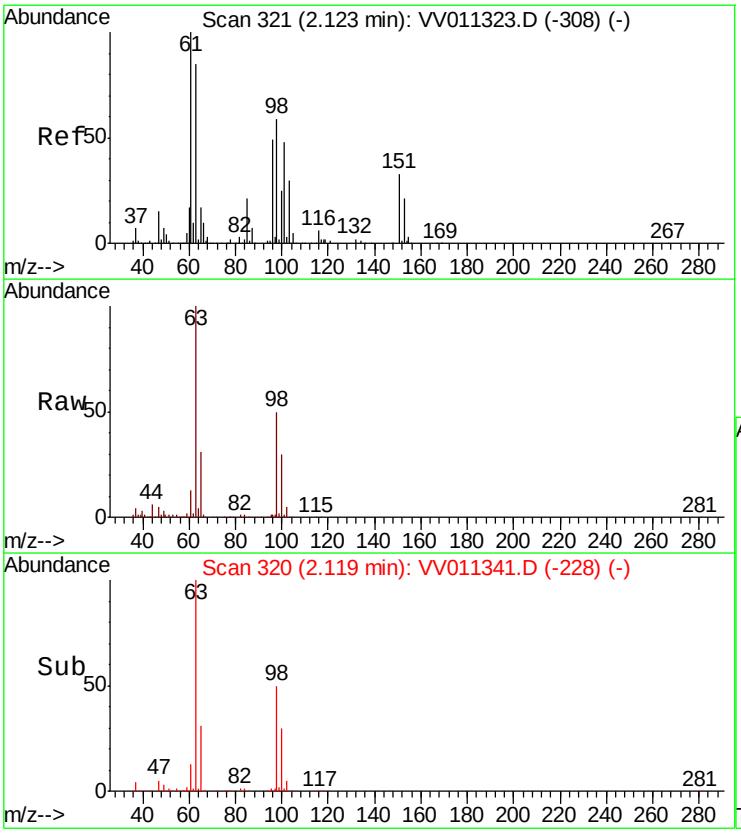
#8
Chloroethane
Concen: 0.553 ug/L
RT: 1.31 min Scan# 69
Delta R.T. -0.25 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument : MSVOA_V
ClientSampleId : DB8F9

Tgt Ion: 64 Resp: 4329

Ion	Ratio	Lower	Upper
64	100		
66	34.5	19.4	36.0

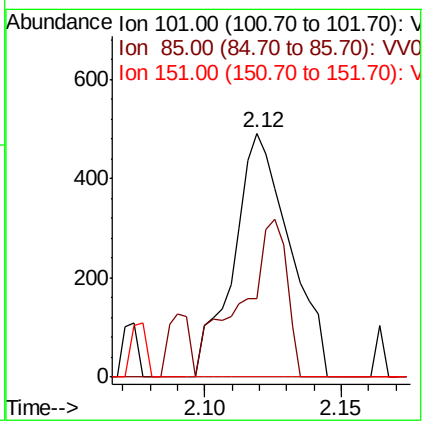


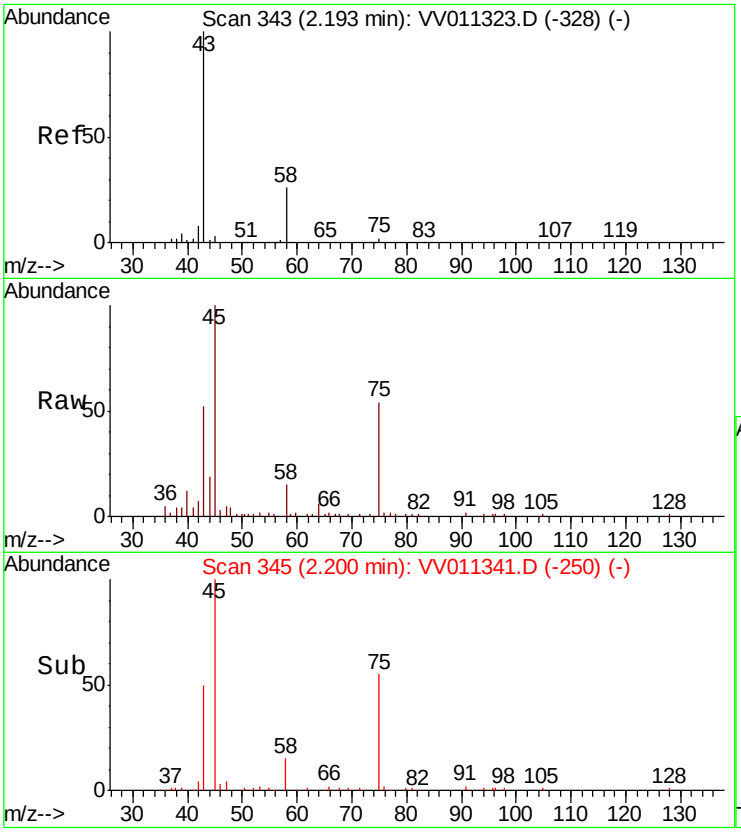


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.00 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Tgt Ion:101 Resp: 701

Ion	Ratio	Lower	Upper
101	100		
85	52.4	35.5	53.3
151	0.0	56.9	85.3#



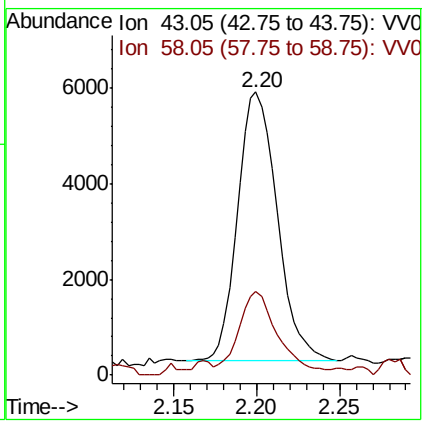


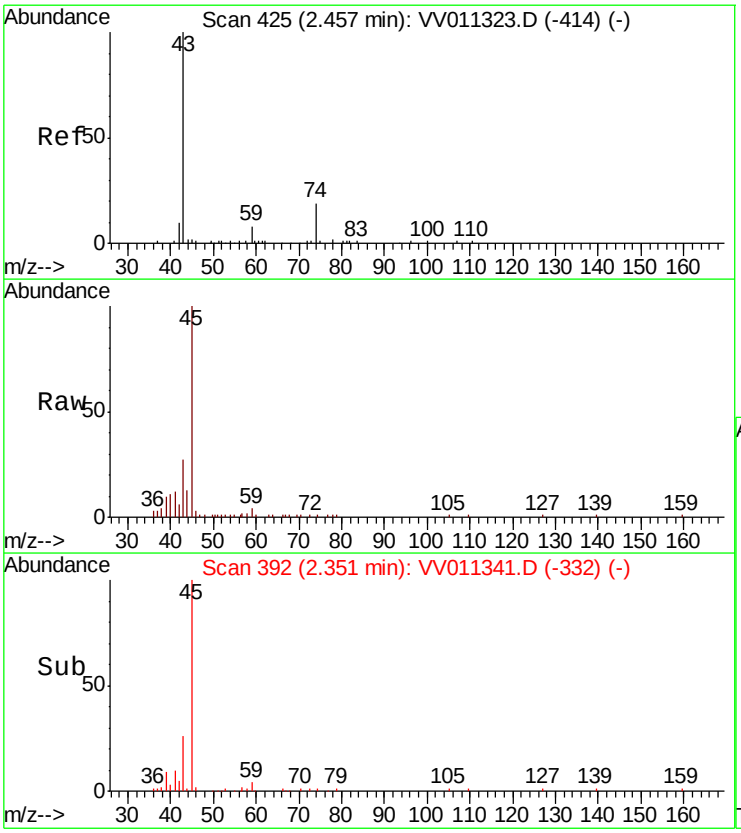
#13
Acetone
Concen: 6.129 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument :
MSVOA_V
ClientSampleId :
DB8F9

Tgt Ion: 43 Resp: 9334

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	55.2

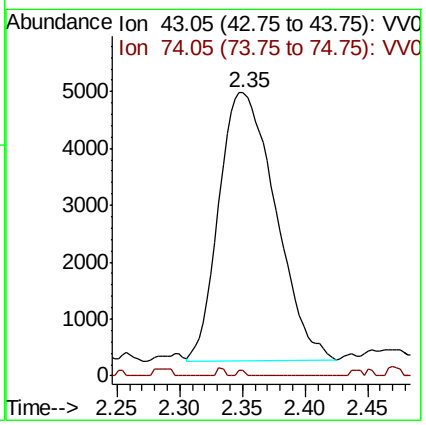


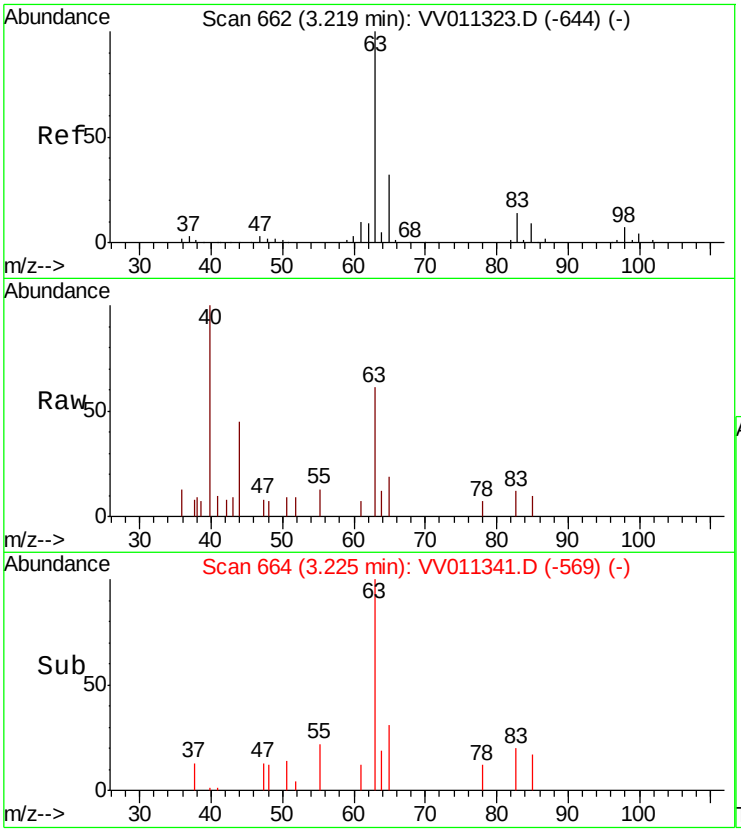


#15
Methyl Acetate
Concen: 3.650 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.11 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Tgt Ion: 43 Resp: 14763

Ion	Ratio	Lower	Upper
43	100		
74	0.3	18.5	27.7#



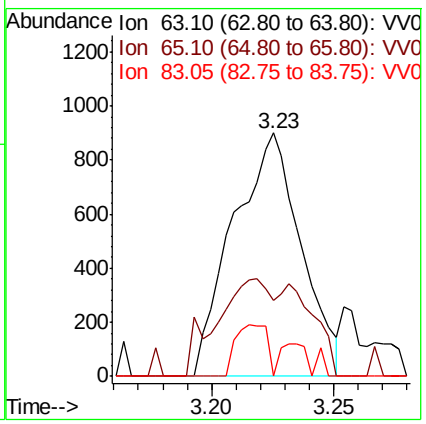


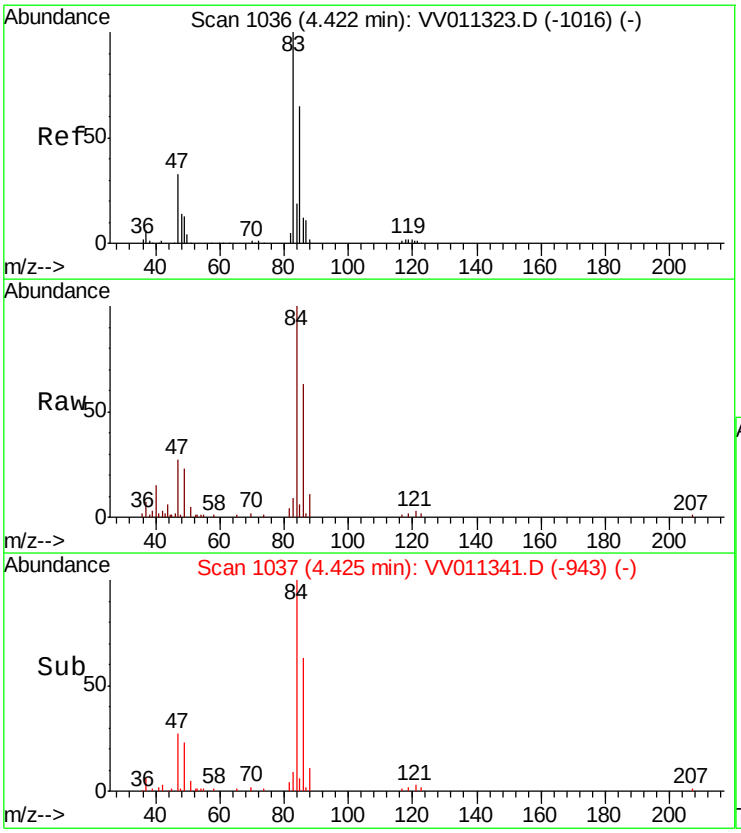
#19
1,1-Dichloroethane
Concen: 0.094 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.01 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument : MSVOA_V
ClientSampleId : DB8F9

Tgt Ion: 63 Resp: 1741

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.1	41.1
83	0.0	9.2	17.0#

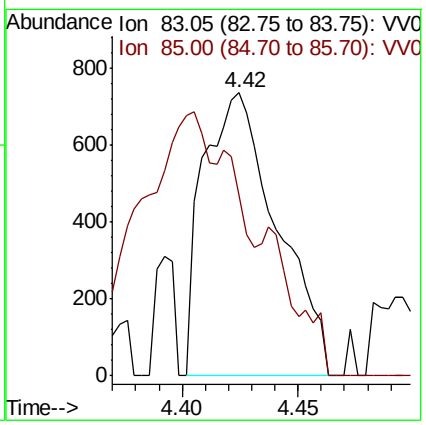


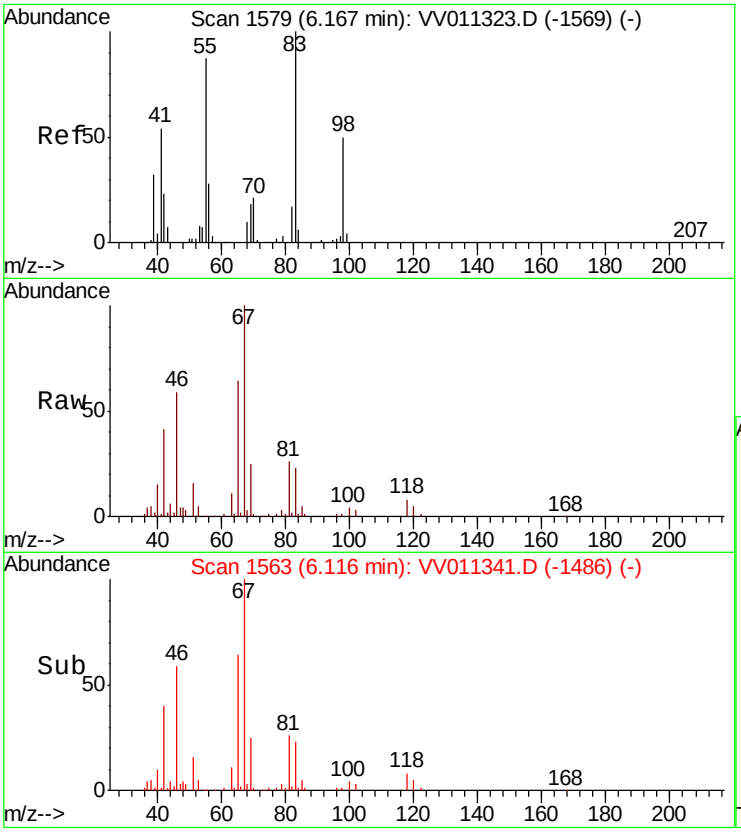


#25
Chloroform
Concen: 0.085 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Tgt Ion: 83 Resp: 1629

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.1	81.9



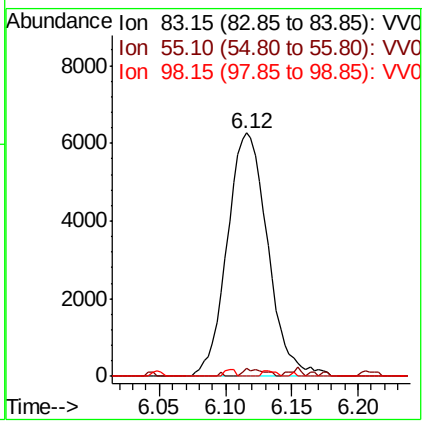


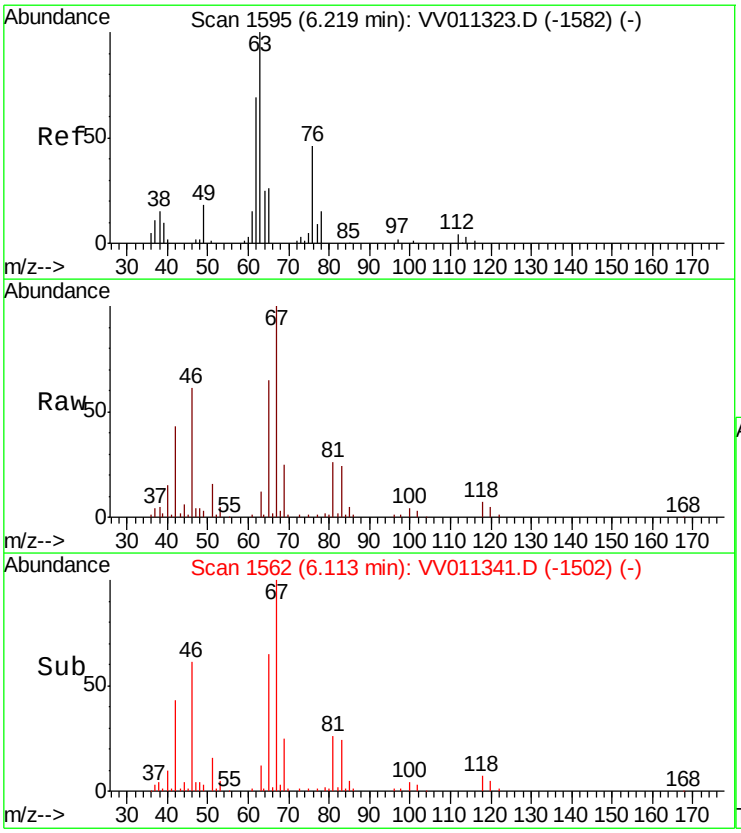
#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument : MSVOA_V
ClientSampleId : DB8F9

Tgt Ion: 83 Resp: 13301

Ion	Ratio	Lower	Upper
83	100		
55	1.7	67.0	100.6#
98	0.7	40.0	60.0#

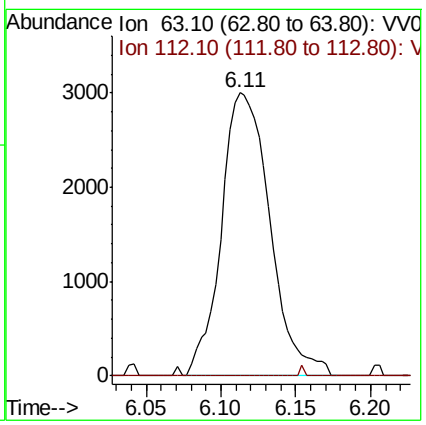


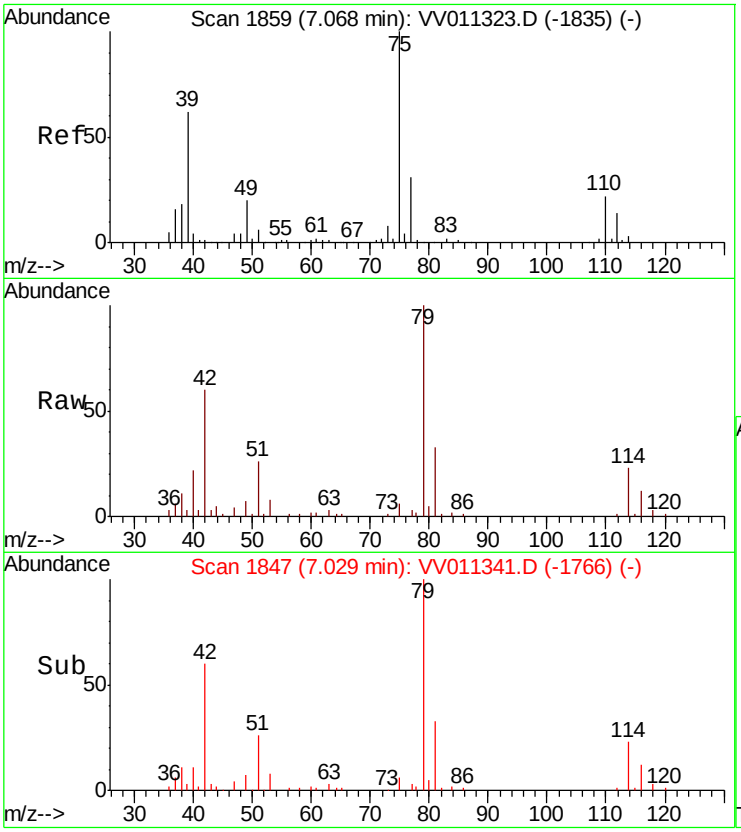


#37
1,2-Dichloropropane
Concen: 0.718 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Tgt Ion: 63 Resp: 6805

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#



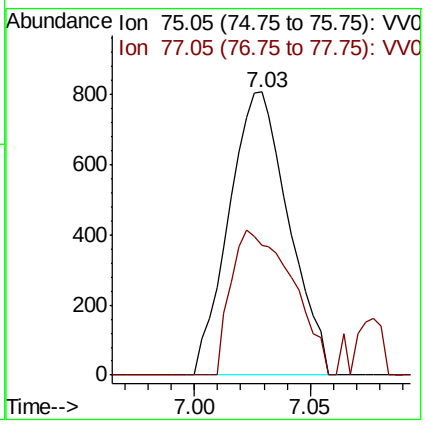


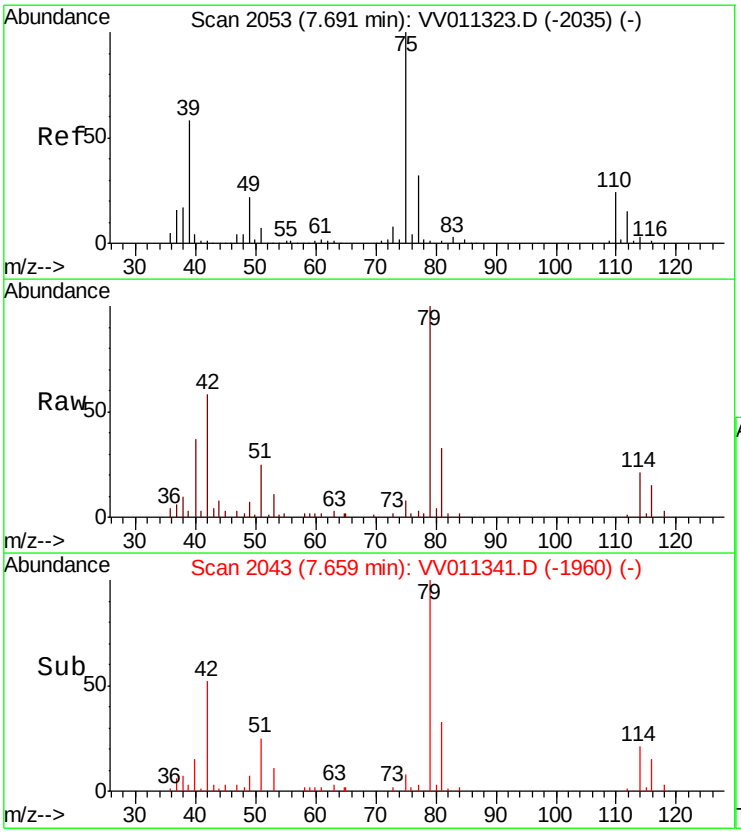
#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument :
MSVOA_V
ClientSampleId :
DB8F9

Tgt Ion: 75 Resp: 1447

Ion	Ratio	Lower	Upper
75	100		
77	46.0	22.2	41.2#

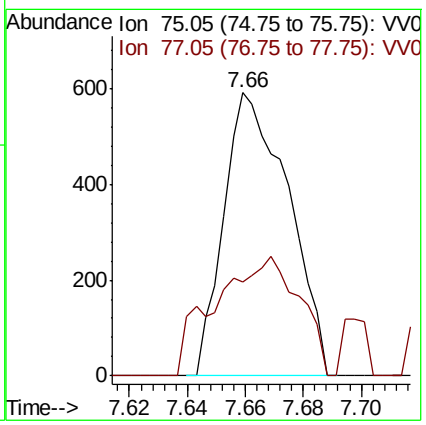


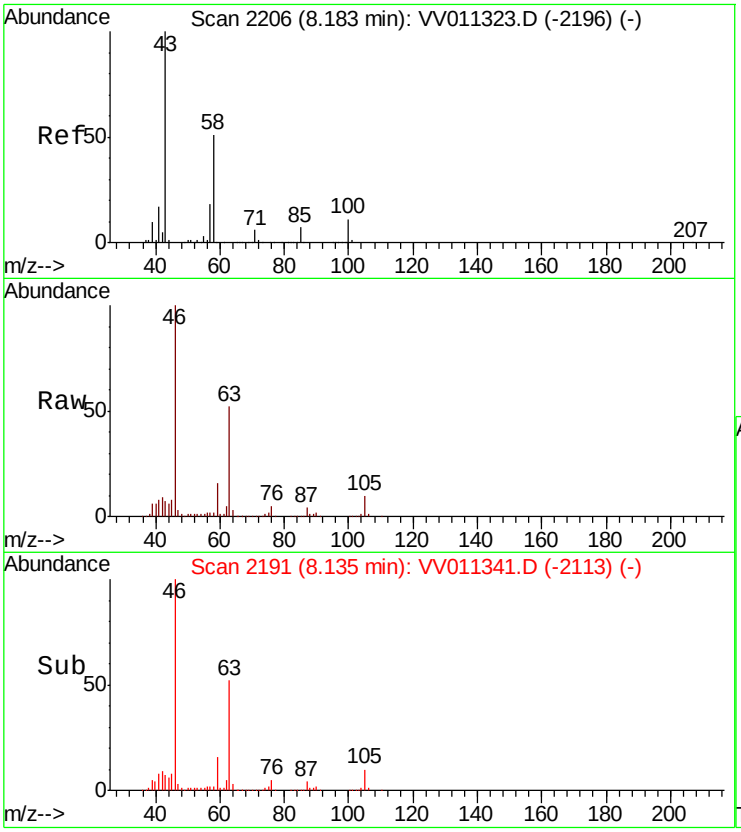


#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Tgt Ion: 75 Resp: 913

Ion	Ratio	Lower	Upper
75	100		
77	33.3	23.1	42.9





#48
2-Hexanone
Concen: 2.922 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011341.D
Acq: 09 Jun 2019 02:23

Instrument :
MSVOA_V
ClientSampleId :
DB8F9

Tgt Ion: 43 Resp: 12293

Ion	Ratio	Lower	Upper
43	100		
58	27.3	41.4	62.0#
57	22.6	15.0	22.4#
100	1.0	9.0	13.4#