Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

Data File : VV011420.D
Acq On : 12 Jun 2019 14:06
Operator : SY/MD
Sample : K3289-06DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCW1DL

Quant Time: Jun 13 01:16:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45697	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	49022	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.57	69	35802	4.36	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.12	63	81461	4.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.60%			
20) 2-Butanone-d5	3.96	46	114001	51.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.58%			
24) Chloroform-d	4.39	84	91207	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.08	65	50933	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
32) Benzene-d6	5.09	84	180294	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.12	67	54452	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.36	98	155363	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	7.67	79	14953	3.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.60%			
46) 2-Hexanone-d5	8.14	63	82464	47.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.82%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34436	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	46668	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	7544	0.607	ug/L	96
5) Vinyl chloride	1.32	62	21849	1.823	ug/L #	31
6) Bromomethane	1.53	94	4886	0.783	ug/L	99
8) Chloroethane	1.74	64	851	0.111	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	847	0.100	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	3879	0.473	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	38273	4.164	ug/L	93
19) 1,1-Dichloroethane	3.22	63	45237	2.495	ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	101813	10.002	ug/L	98
34) Trichloroethene	5.96	95	2076	0.215	ug/L #	74
35) Methylcyclohexane	6.12	83	12909	0.810	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7038	0.758	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1714	0.126	ug/L	86
44) trans-1,3-Dichloropropene	7.67	75	916	0.089	ug/L	99
48) 2-Hexanone	8.14	43	13480	3.270	ug/L #	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

Data File : VV011420.D
Acq On : 12 Jun 2019 14:06
Operator : SY/MD
Sample : K3289-06DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCW1DL

Quant Time: Jun 13 01:16:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

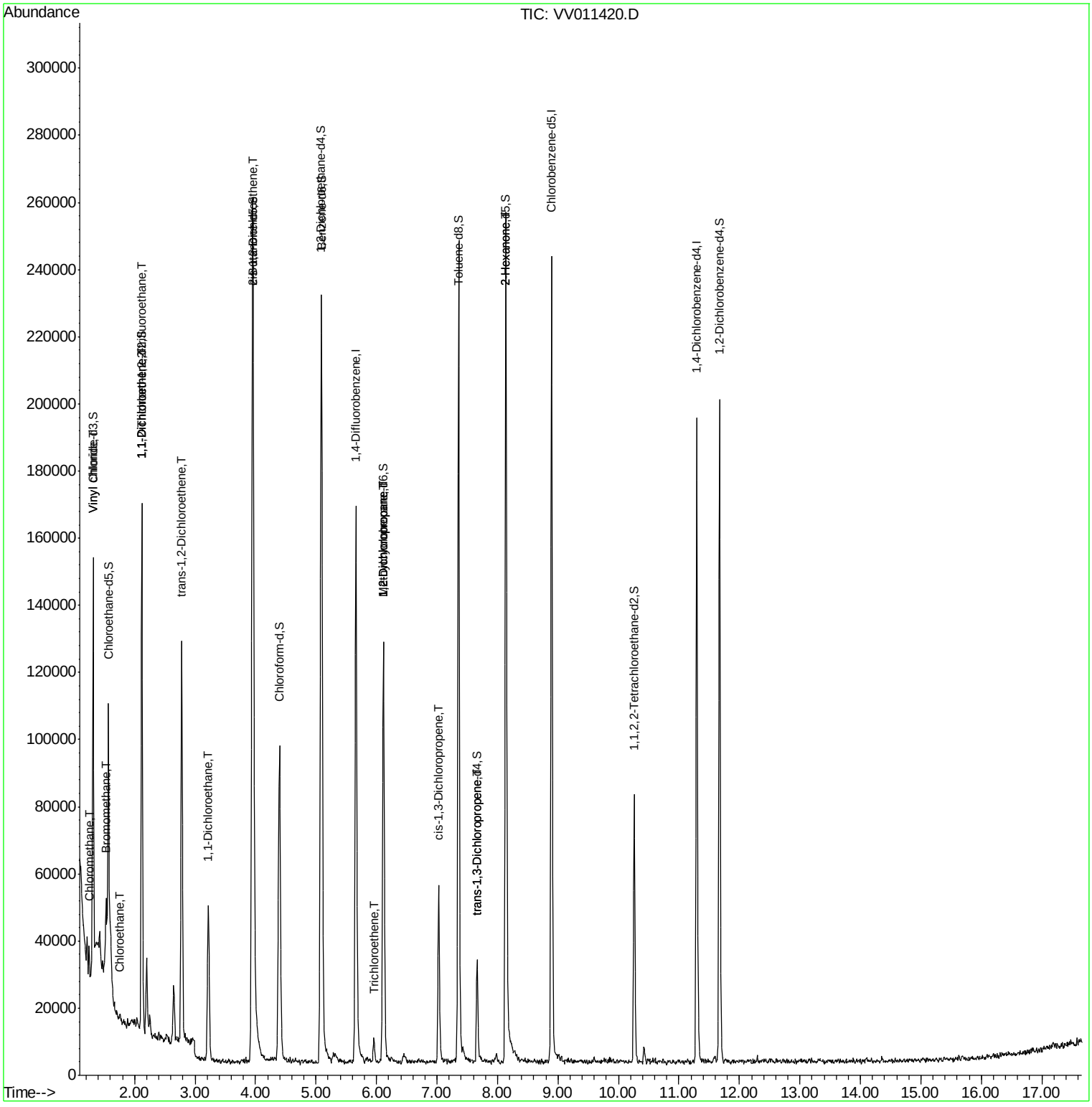
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

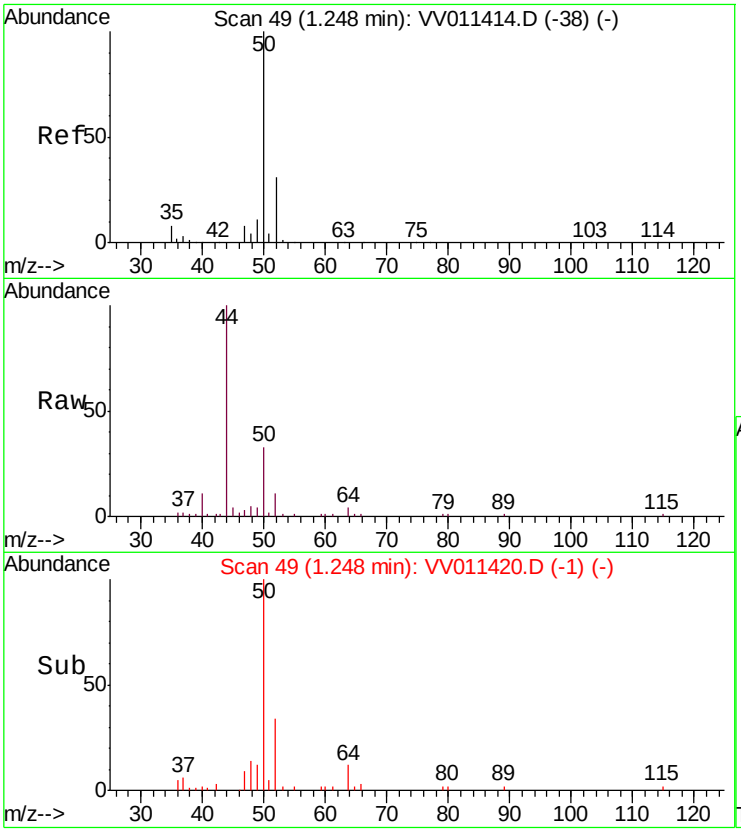
Quantitation Report (Not Reviewed)

Data File : VV011420.D
Acq On : 12 Jun 2019 14:06
Operator : SY/MD
Sample : K3289-06DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCW1DL

Quant Time: Jun 13 01:16:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration



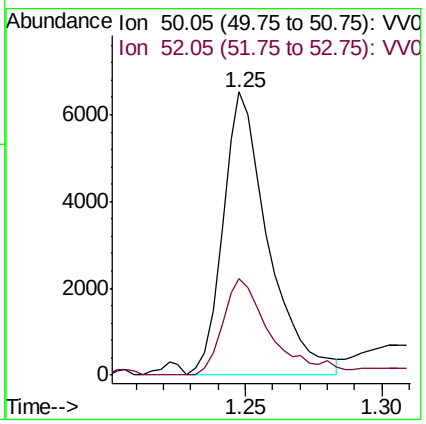


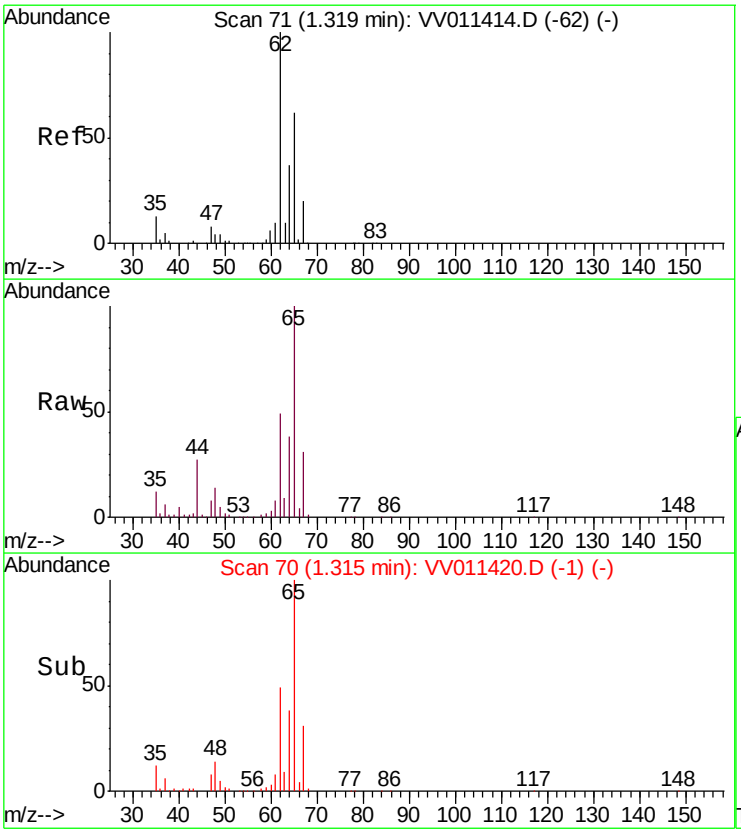
#3
Chloromethane
Concen: 0.607 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 50 Resp: 7544

Ion	Ratio	Lower	Upper
50	100		
52	34.2	22.3	41.5

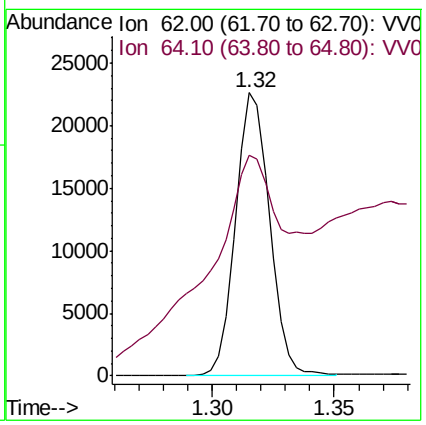


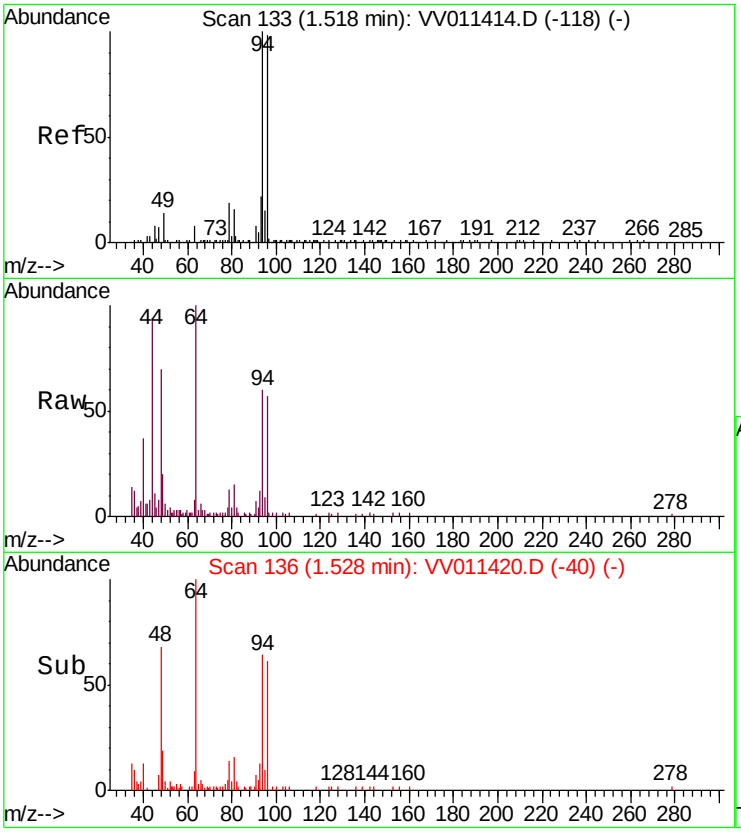


#5
Vinyl chloride
Concen: 1.823 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 62 Resp: 21849

Ion	Ratio	Lower	Upper
62	100		
64	78.1	25.9	48.1#



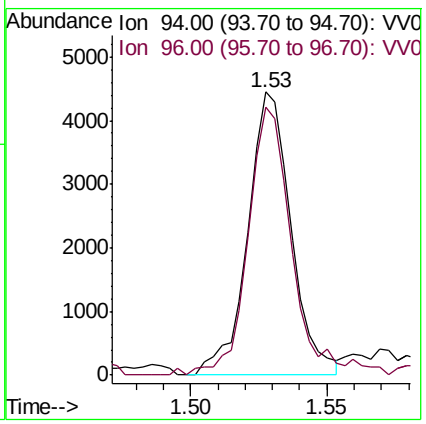


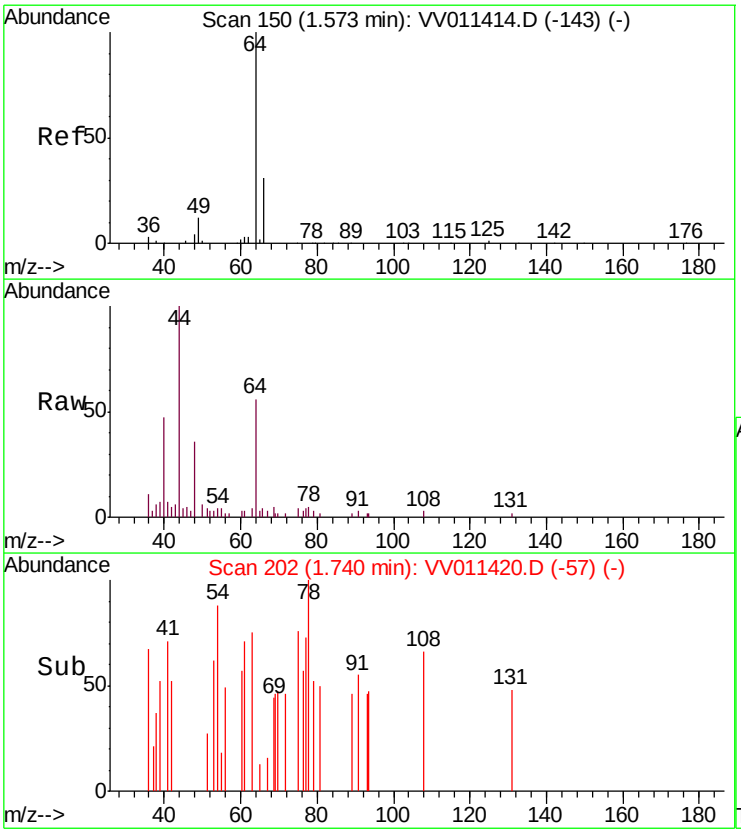
#6
Bromomethane
Concen: 0.783 ug/L
RT: 1.53 min Scan# 136
Delta R.T. 0.01 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 94 Resp: 4886

Ion	Ratio	Lower	Upper
94	100		
96	94.6	67.0	124.4

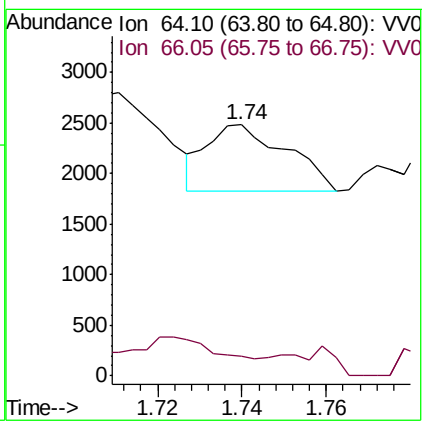


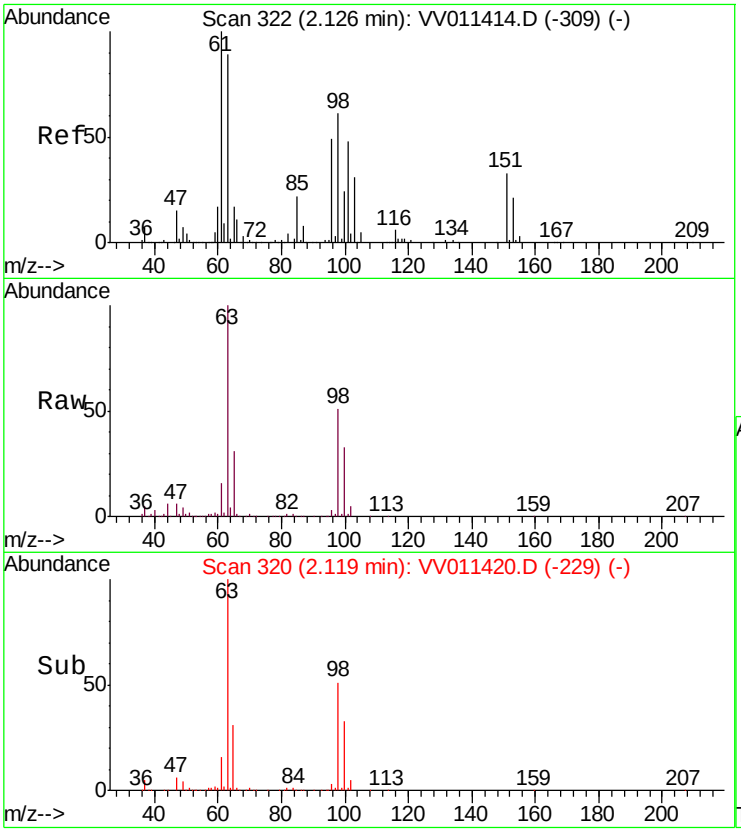


#8
Chloroethane
Concen: 0.111 ug/L
RT: 1.74 min Scan# 202
Delta R.T. 0.17 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 64 Resp: 851

Ion	Ratio	Lower	Upper
64	100		
66	7.7	19.4	36.0#



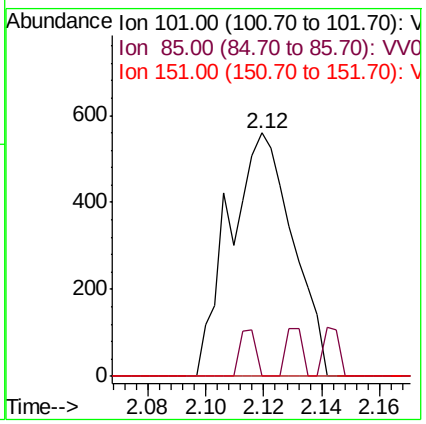


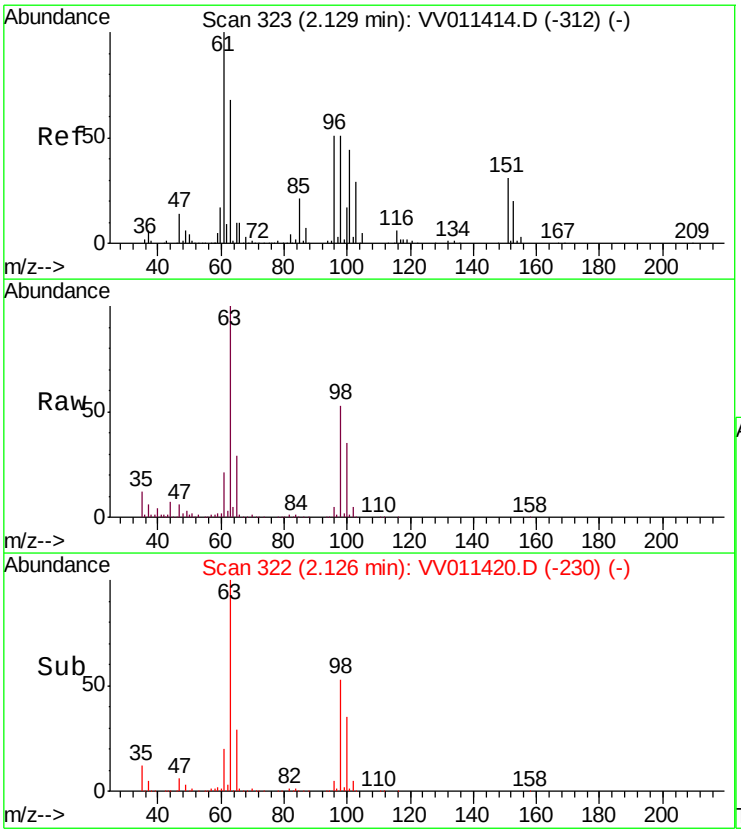
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.100 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument : MSVOA_V
ClientSampleId : BFCW1DL

Tgt Ion:101 Resp: 847

Ion	Ratio	Lower	Upper
101	100		
85	4.8	35.5	53.3#
151	0.0	56.9	85.3#

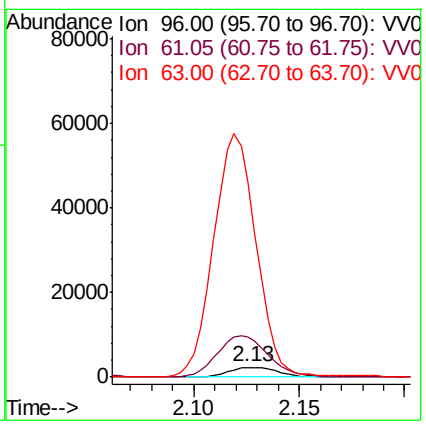


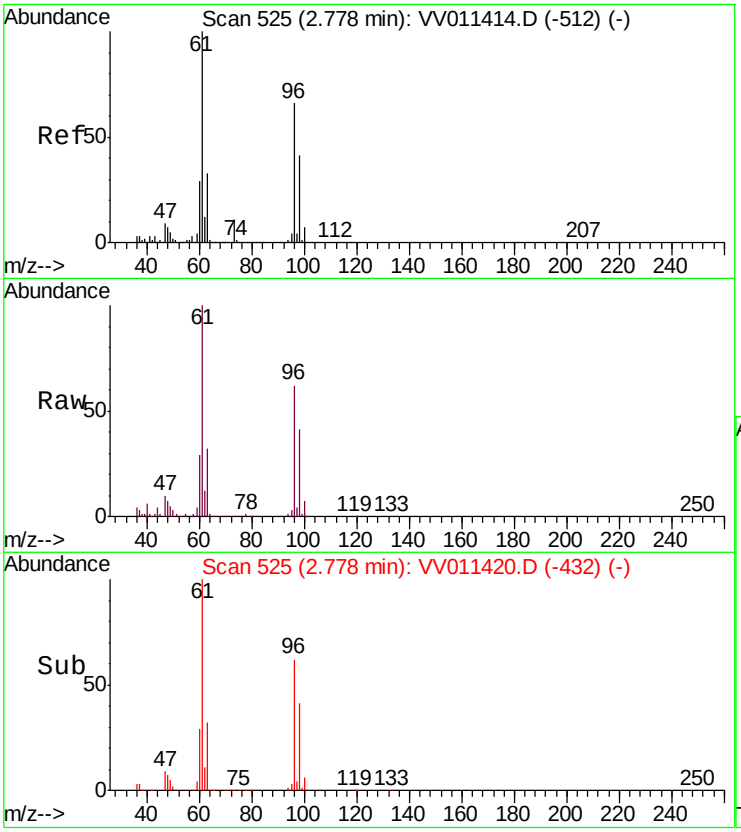


#12
1,1-Dichloroethene
Concen: 0.473 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 96 Resp: 3879

Ion	Ratio	Lower	Upper
96	100		
61	412.7	139.8	259.6#
63	1984.5	94.3	175.1#



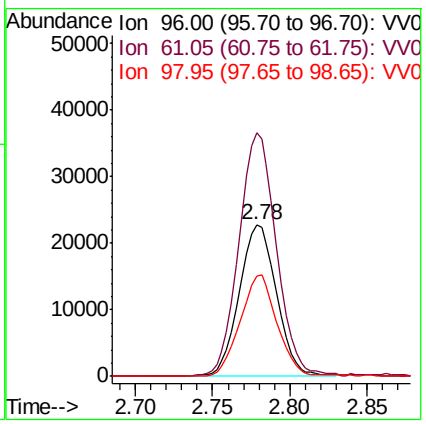


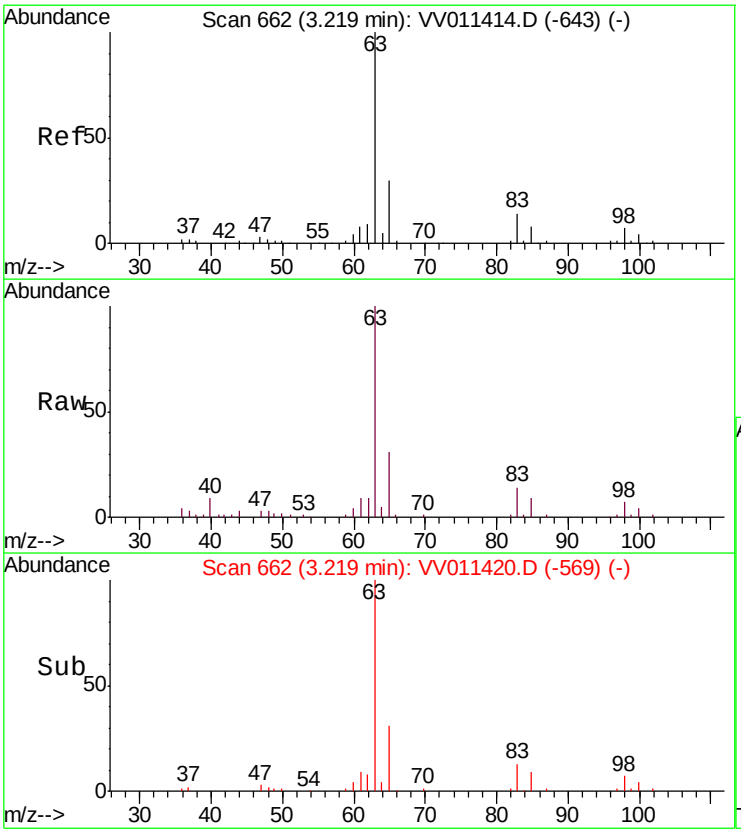
#18
trans-1,2-Dichloroethene
Concen: 4.164 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 96 Resp: 38273

Ion	Ratio	Lower	Upper
96	100		
61	160.4	104.0	193.2
98	66.2	45.7	84.9

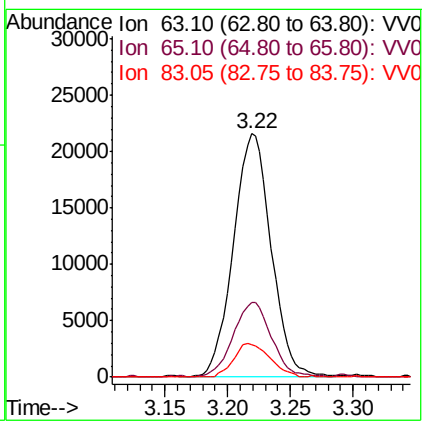


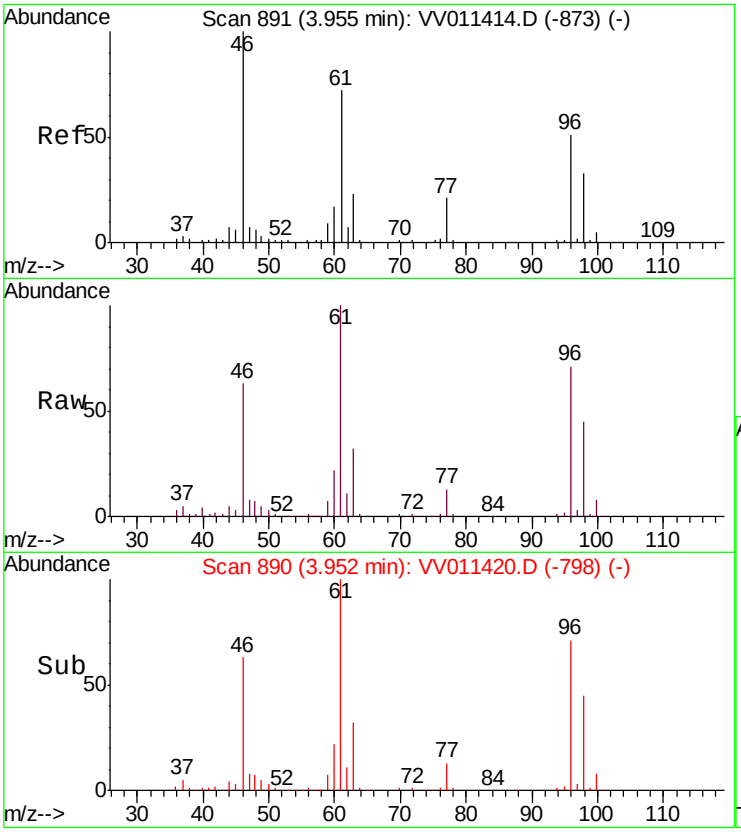


#19
1,1-Dichloroethane
Concen: 2.495 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 63 Resp: 45237

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.1	41.1
83	13.5	9.2	17.0



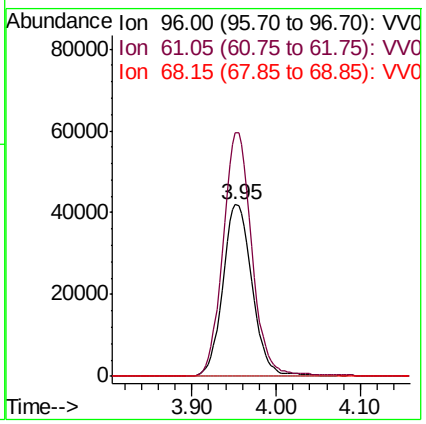


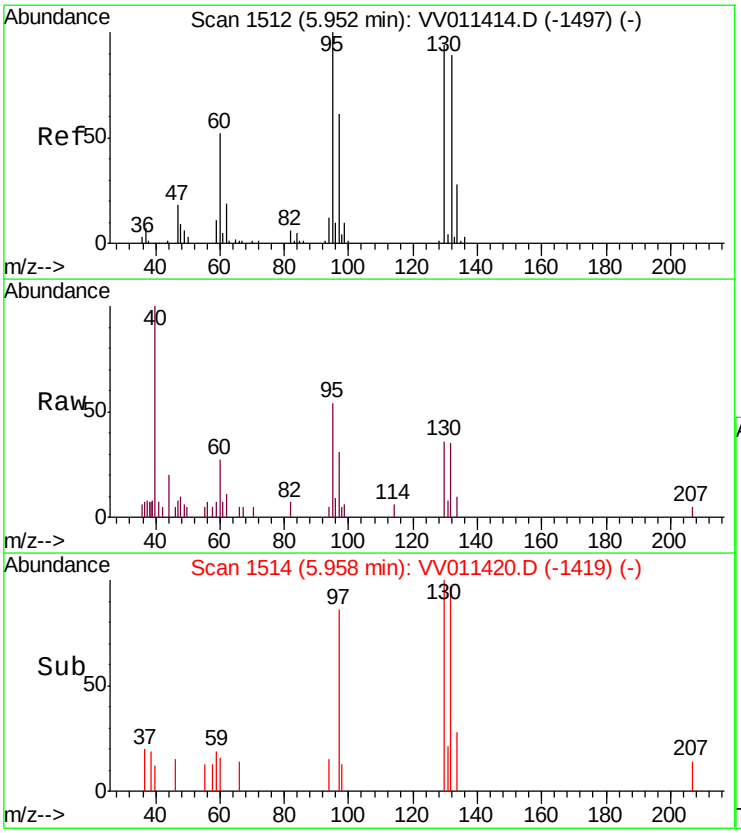
#22
cis-1,2-Dichloroethene
Concen: 10.002 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 96 Resp: 101813

Ion	Ratio	Lower	Upper
96	100		
61	141.7	100.8	187.2
68	0.0	0.0	0.0

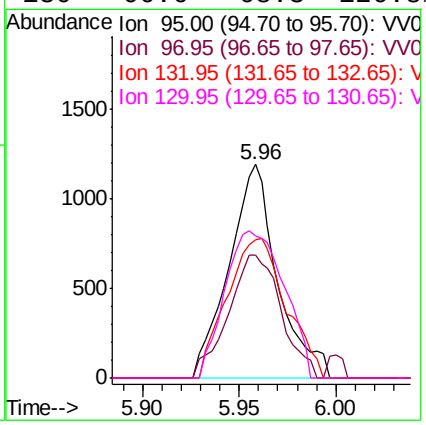


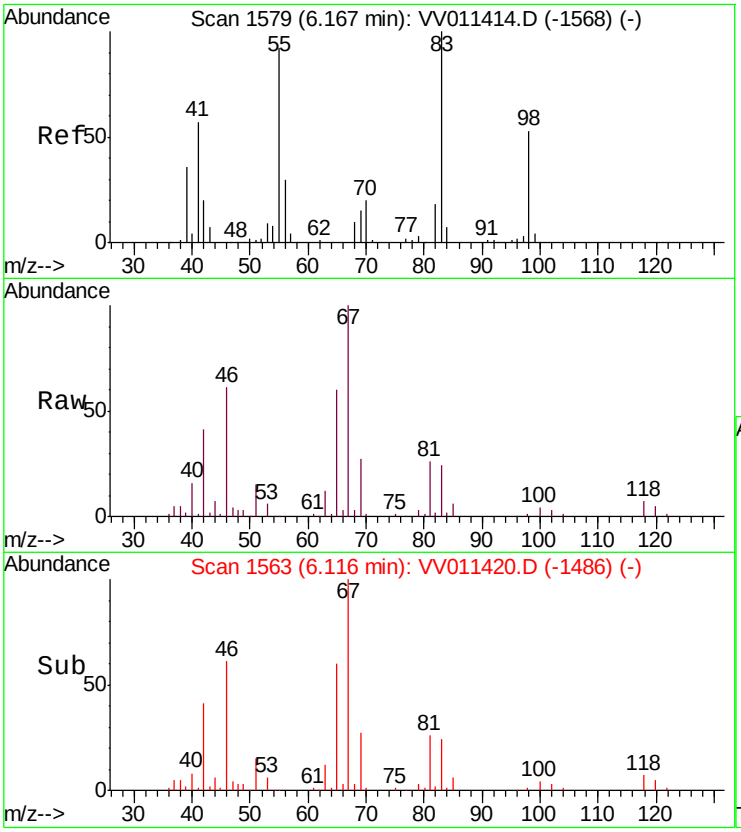


#34
Trichloroethene
Concen: 0.215 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 95 Resp: 2076

Ion	Ratio	Lower	Upper
95	100		
97	57.5	45.8	85.2
132	64.7	66.4	123.2#
130	66.6	68.3	126.8#



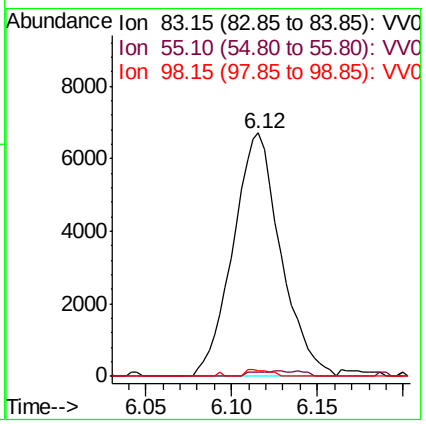


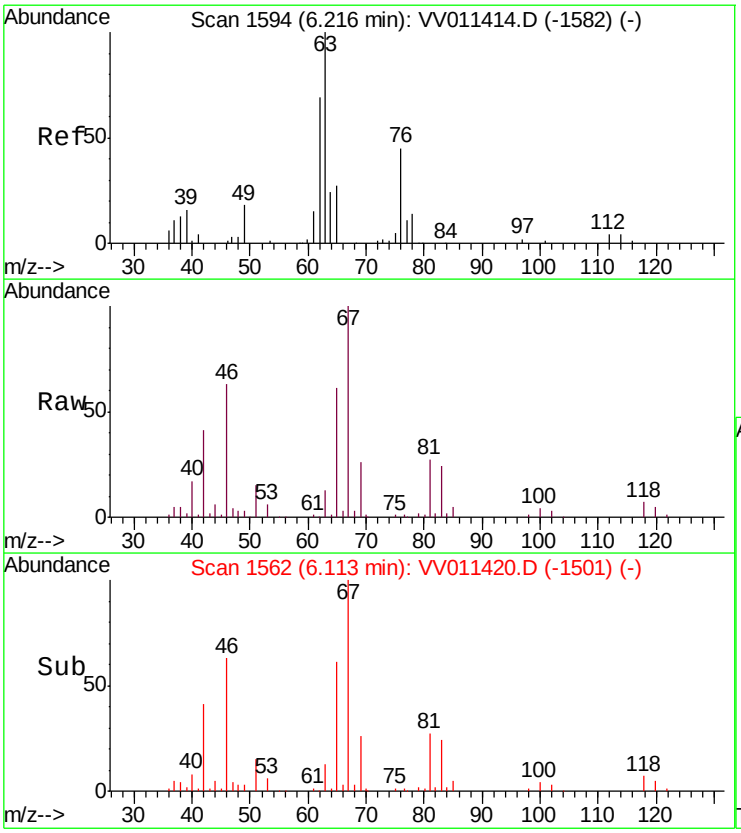
#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 83 Resp: 12909

Ion	Ratio	Lower	Upper
83	100		
55	1.7	67.0	100.6#
98	1.3	40.0	60.0#

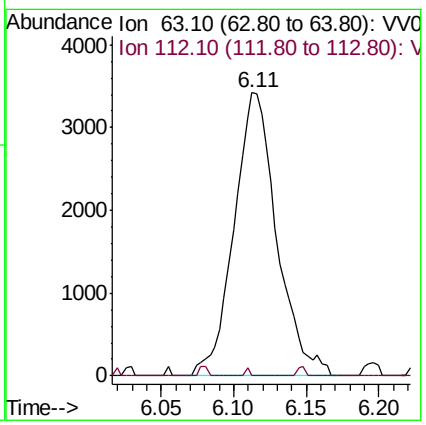


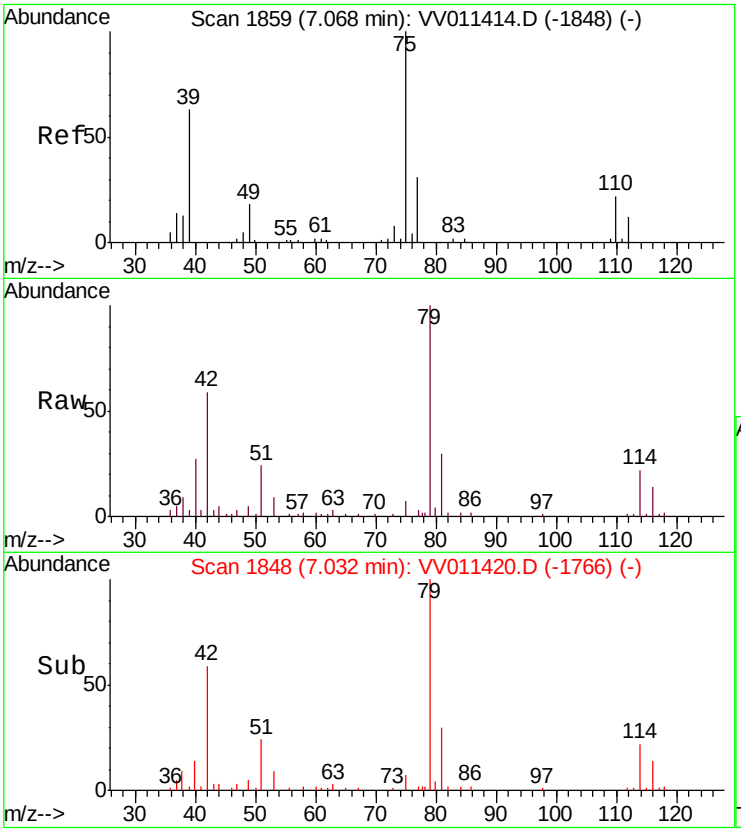


#37
1,2-Dichloropropane
Concen: 0.758 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 63 Resp: 7038

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#



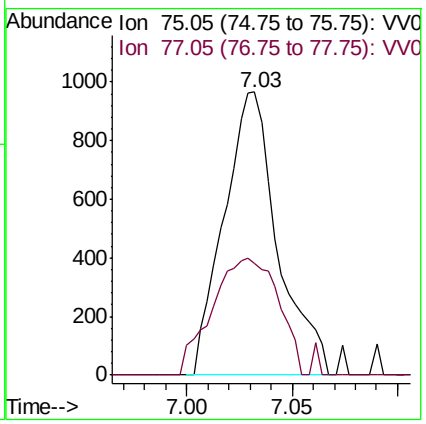


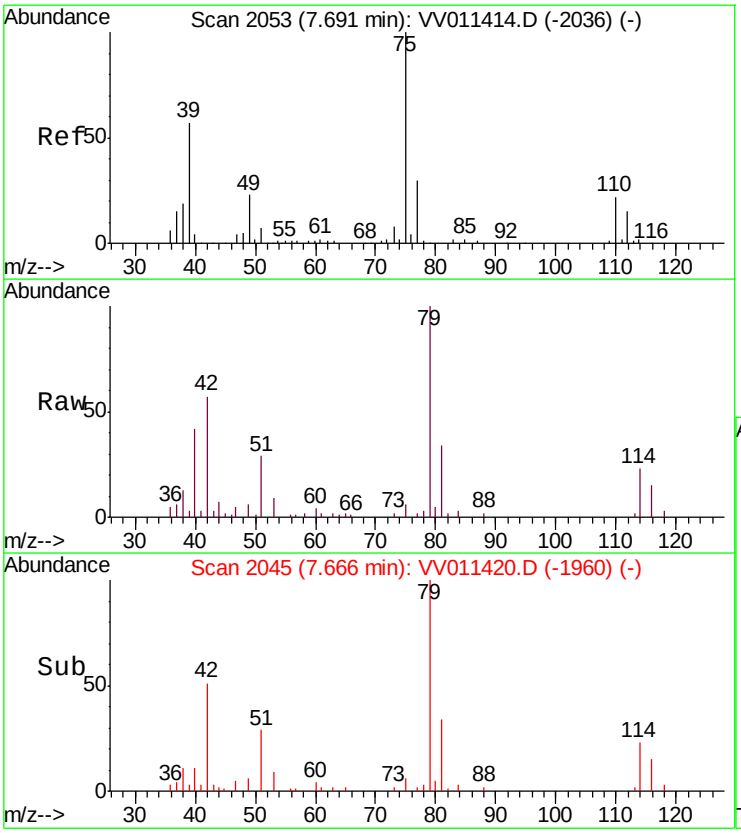
#39
cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 75 Resp: 1714

Ion	Ratio	Lower	Upper
75	100		
77	39.5	22.2	41.2

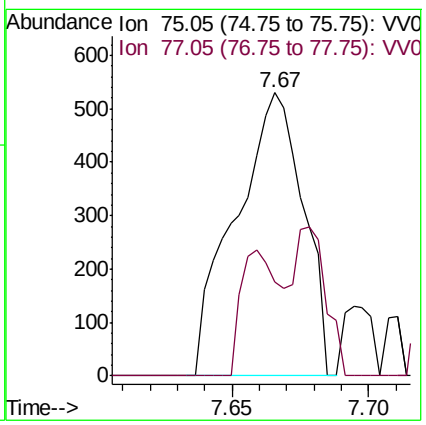


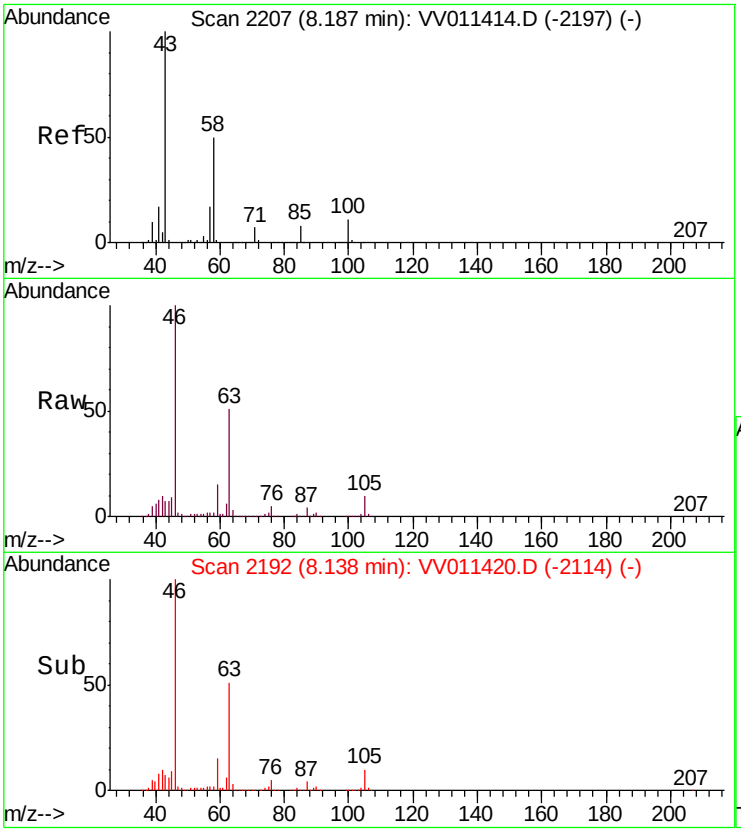


#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Tgt Ion: 75 Resp: 916

Ion	Ratio	Lower	Upper
75	100		
77	33.4	23.1	42.9





#48
2-Hexanone
Concen: 3.270 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011420.D
Acq: 12 Jun 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
BFCW1DL

Tgt Ion: 43 Resp: 13480

Ion	Ratio	Lower	Upper
43	100		
58	25.6	41.4	62.0#
57	17.1	15.0	22.4
100	0.5	9.0	13.4#