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

Quantitation Report (Not Reviewed)

Data File : VV011454.D
Acq On : 13 Jun 2019 10:52
Operator : SY/MD
Sample : K3289-08 1000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCL2

Quant Time: Jun 14 04:02:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 03:57:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139017	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	124676	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47553	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	33842	3.21	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.20%				
7) Chloroethane-d5	1.55	69	29513	3.37	ug/L		-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.40%				
11) 1,1-Dichloroethene-d2	2.12	63	66416	3.16	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%				
20) 2-Butanone-d5	3.95	46	123483	52.07	ug/L		-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.14%				
24) Chloroform-d	4.39	84	78731	4.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%				
26) 1,2-Dichloroethane-d4	5.08	65	45688	4.56	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%				
32) Benzene-d6	5.09	84	154856	4.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%				
36) 1,2-Dichloropropane-d6	6.11	67	50465	4.39	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.80%				
41) Toluene-d8	7.35	98	132798	3.88	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%				
43) trans-1,3-Dichloropropene-	7.66	79	13736	3.14	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.80%				
46) 2-Hexanone-d5	8.13	63	82247	44.45	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.90%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35350	4.51	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%				
64) 1,2-Dichlorobenzene-d4	11.67	152	41772	4.45	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	1965	0.148	ug/L		97
5) Vinyl chloride	1.32	62	15499	1.212	ug/L	#	1
8) Chloroethane	1.82	64	1933	0.237	ug/L	#	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4700	0.522	ug/L		94
12) 1,1-Dichloroethene	2.13	96	8850	1.010	ug/L	#	1
18) trans-1,2-Dichloroethene	2.78	96	2610	0.266	ug/L		79
19) 1,1-Dichloroethane	3.22	63	17273	0.893	ug/L		98
22) cis-1,2-Dichloroethene	3.95	96	209515	19.292	ug/L	#	96
25) Chloroform	4.42	83	2387	0.119	ug/L		98
29) 1,1,1-Trichloroethane	4.64	97	9514	0.598	ug/L		91
31) Carbon tetrachloride	4.65	117	1239	0.093	ug/L	#	47
34) Trichloroethene	5.95	95	173815	16.959	ug/L		99
35) Methylcyclohexane	6.12	83	11791	0.696	ug/L	#	16
37) 1,2-Dichloropropane	6.11	63	6468	0.655	ug/L	#	89
39) cis-1,3-Dichloropropene	7.03	75	1451	0.100	ug/L	#	78
47) Tetrachloroethene	8.01	164	13883	1.874	ug/L		94
48) 2-Hexanone	8.13	43	12761	2.910	ug/L	#	70

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

Quantitation Report (Not Reviewed)

Data File : VV011454.D
Acq On : 13 Jun 2019 10:52
Operator : SY/MD
Sample : K3289-08 1000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCL2

Quant Time: Jun 14 04:02:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 03:57:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.01	129	13418	1.869	ug/L	#	11
66) 1,2-Dibromo-3-chloropropan	12.30	75	102	0.098	ug/L	#	8

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

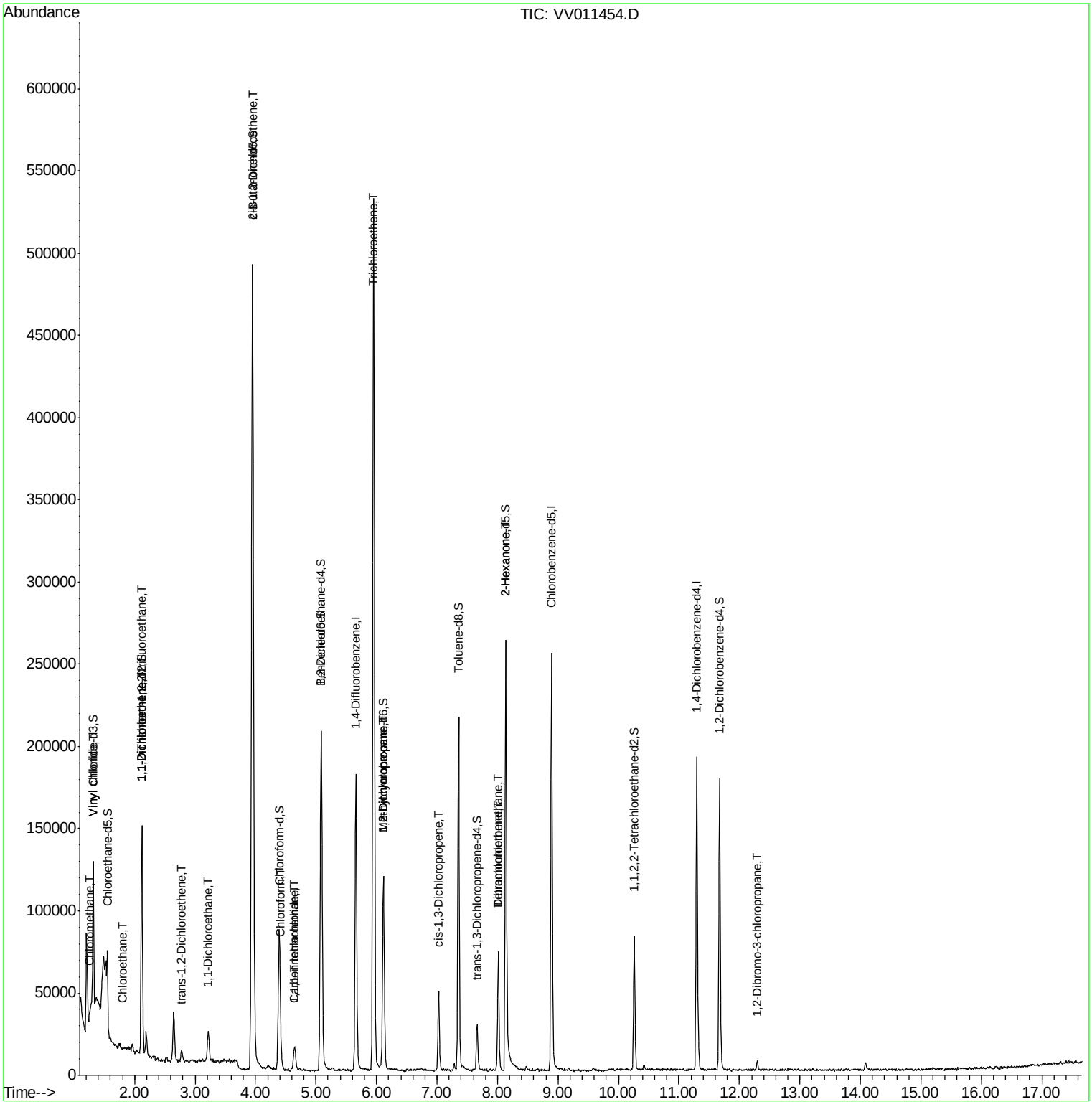
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

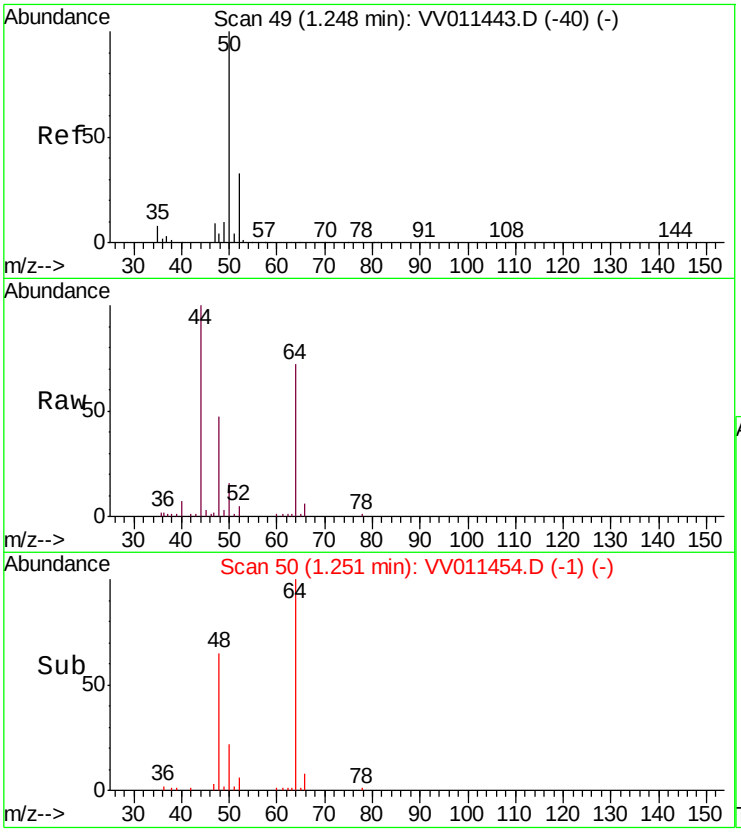
Quantitation Report (Not Reviewed)

Data File : VV011454.D
Acq On : 13 Jun 2019 10:52
Operator : SY/MD
Sample : K3289-08 1000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCL2

Quant Time: Jun 14 04:02:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 03:57:16 2019
Response via : Initial Calibration



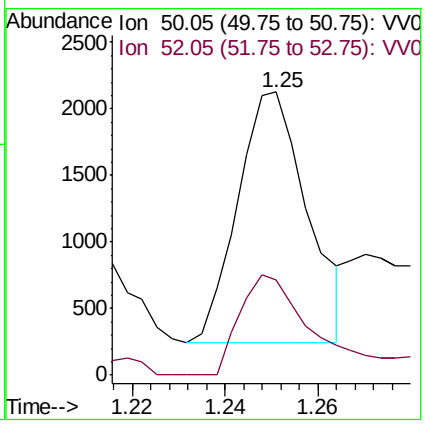


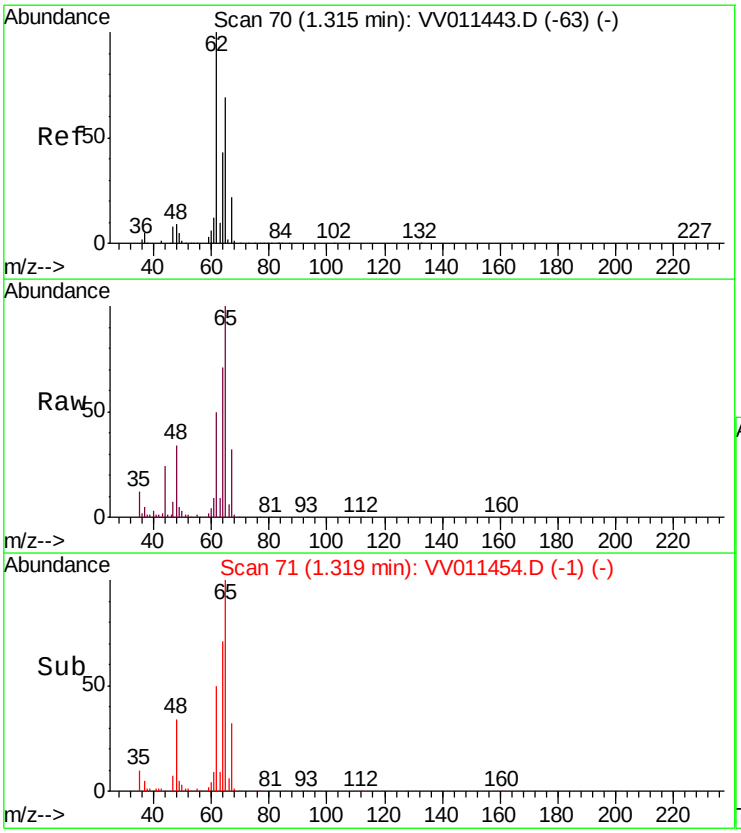
#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tgt Ion: 50 Resp: 1965

Ion	Ratio	Lower	Upper
50	100		
52	33.7	22.3	41.5

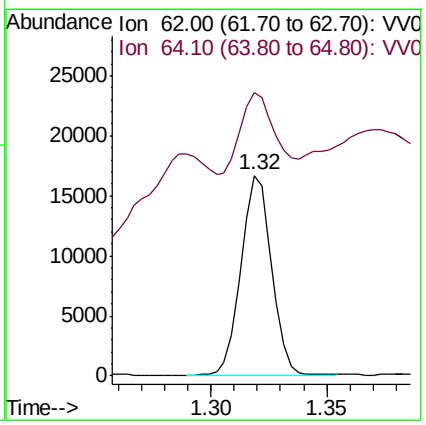


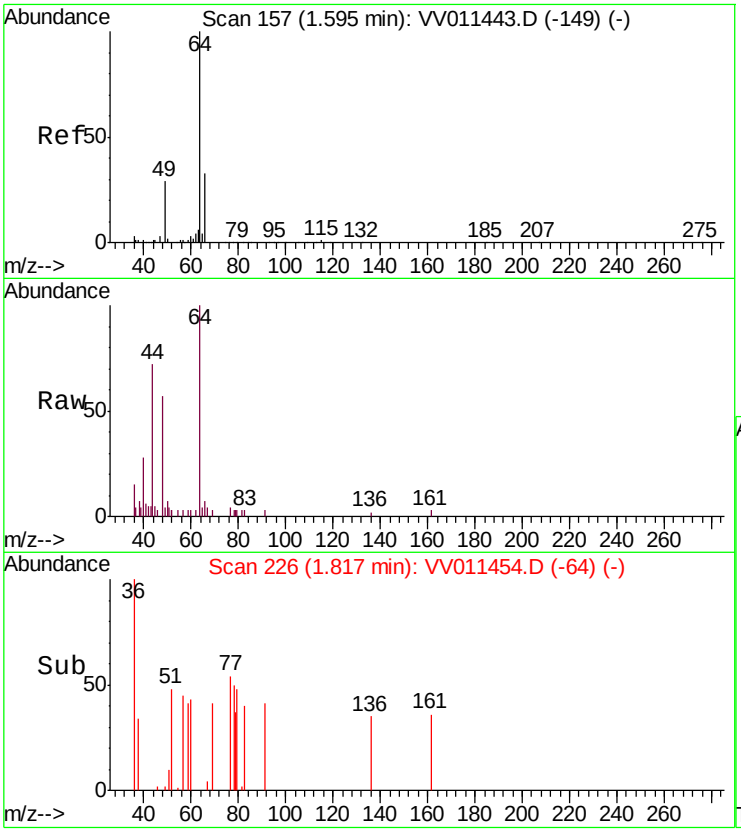


#5
Vinyl chloride
Concen: 1.212 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion: 62 Resp: 15499

Ion	Ratio	Lower	Upper
62	100		
64	141.3	25.9	48.1#



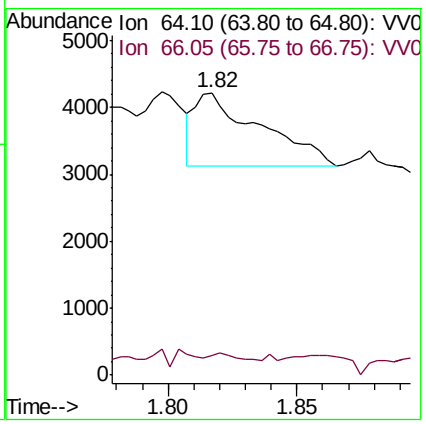


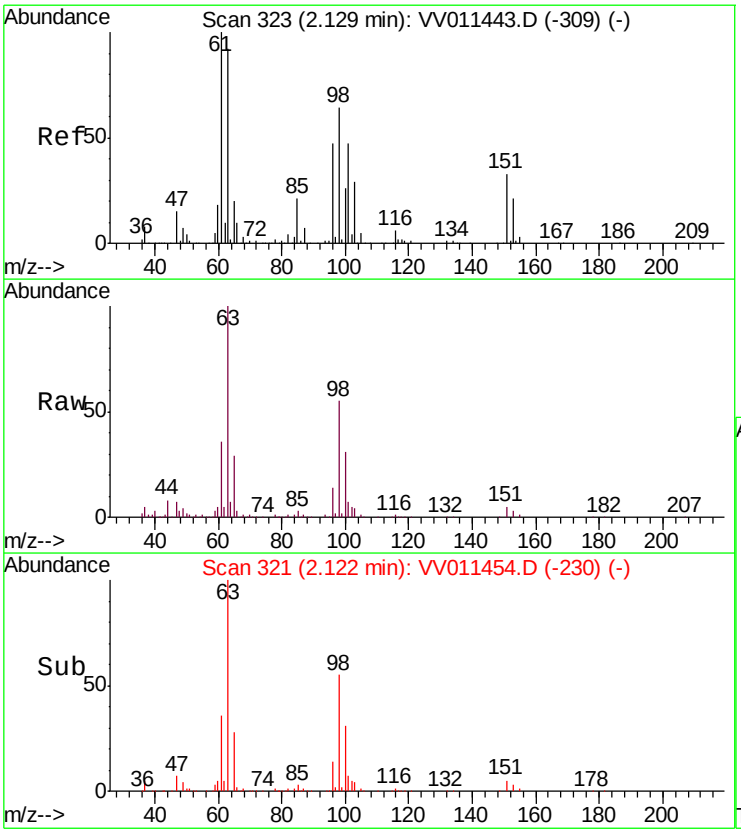
#8
Chloroethane
Concen: 0.237 ug/L
RT: 1.82 min Scan# 226
Delta R.T. 0.22 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tgt Ion: 64 Resp: 1933

Ion	Ratio	Lower	Upper
64	100		
66	7.2	19.4	36.0#

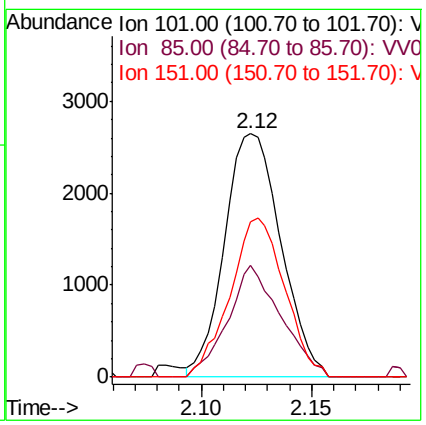


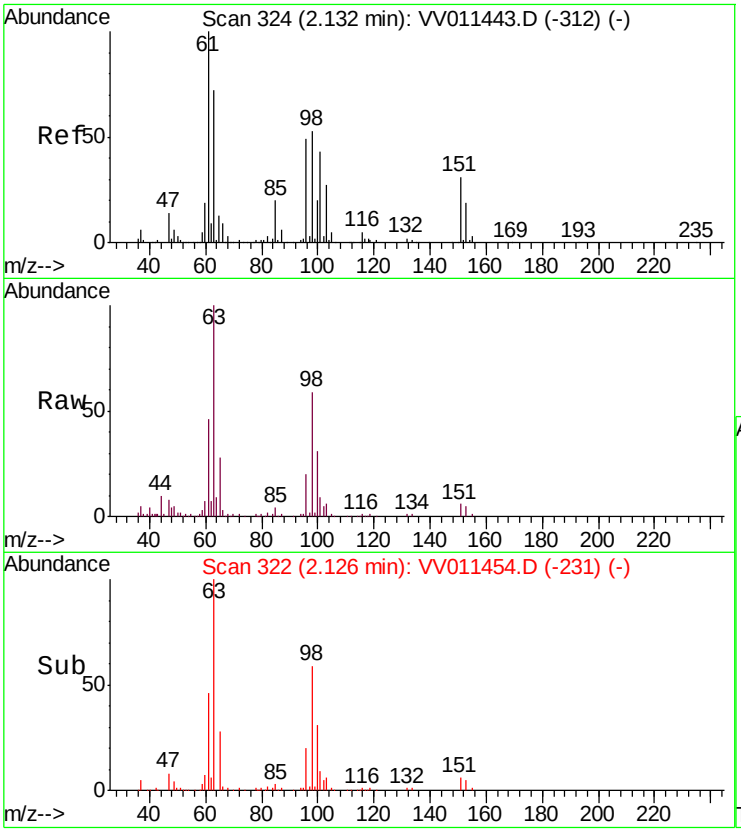


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.522 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion:101 Resp: 4700

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.5	53.3
151	63.1	56.9	85.3



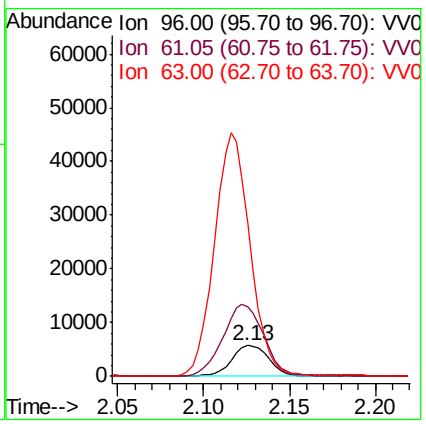


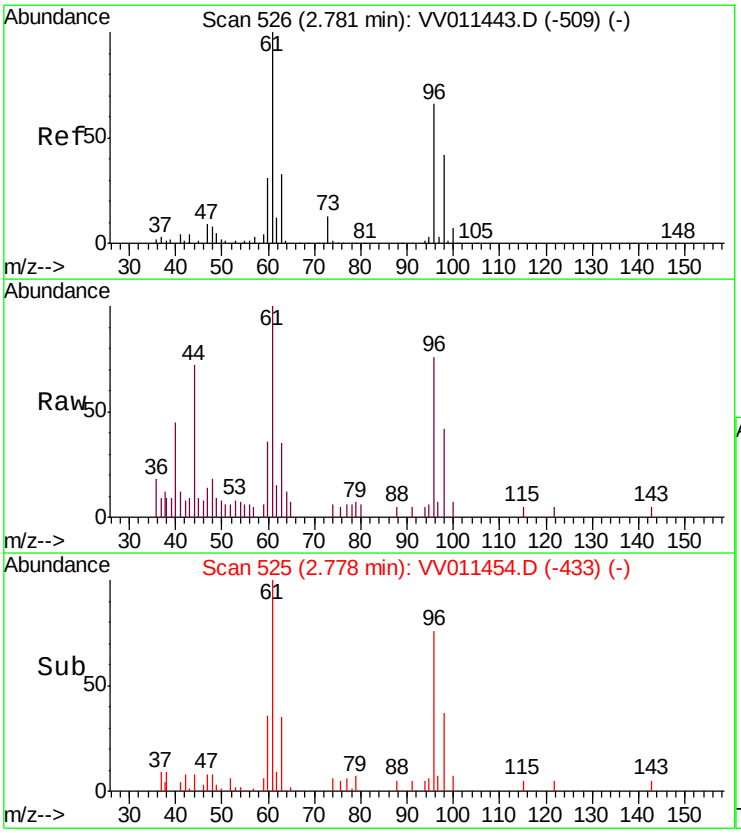
#12
1,1-Dichloroethene
Concen: 1.010 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument : MSVOA_V
ClientSampleId : BFCL2

Tgt Ion: 96 Resp: 8850

Ion	Ratio	Lower	Upper
96	100		
61	229.5	139.8	259.6
63	502.0	94.3	175.1#

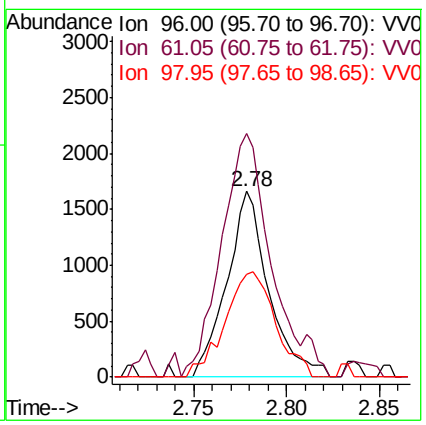


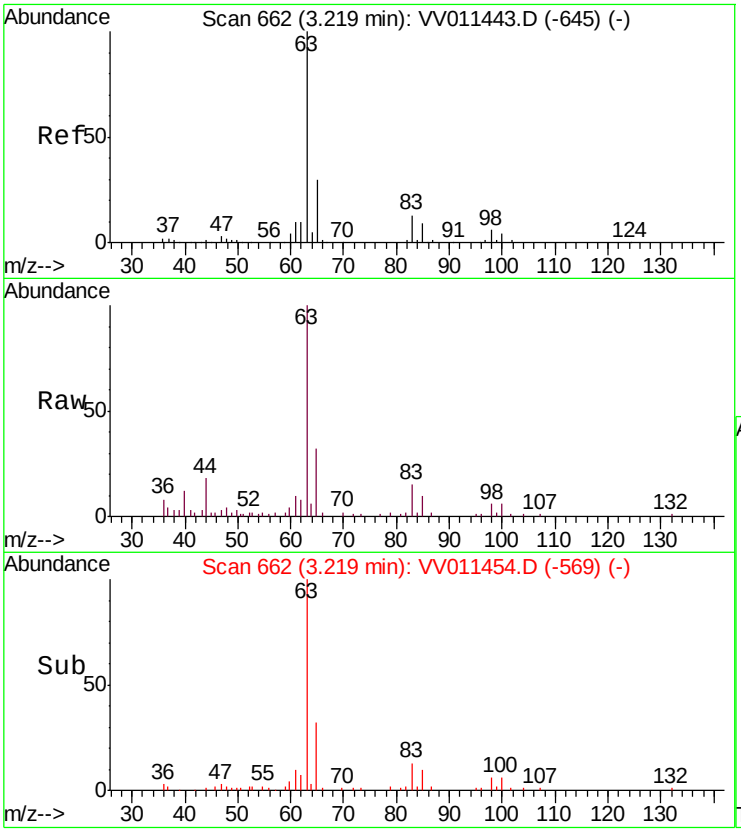


#18
trans-1,2-Dichloroethene
Concen: 0.266 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion: 96 Resp: 2610

Ion	Ratio	Lower	Upper
96	100		
61	120.6	104.0	193.2
98	51.1	45.7	84.9



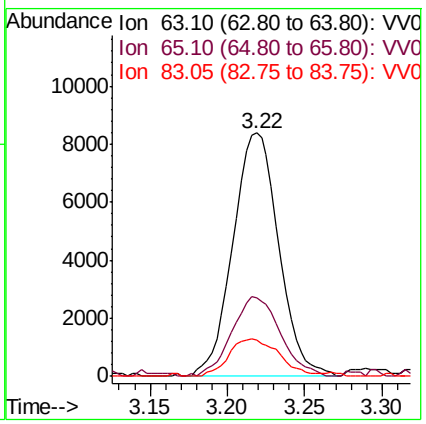


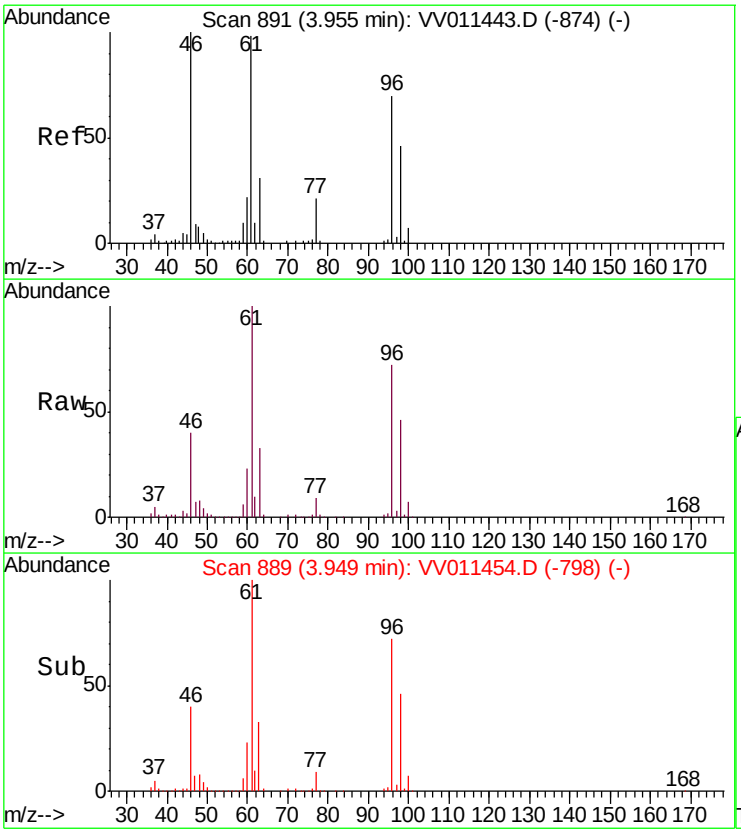
#19
1,1-Dichloroethane
Concen: 0.893 ug/L
RT: 3.22 min Scan# 662
Delta R.T. 0.00 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tgt Ion: 63 Resp: 17273

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.1	41.1
83	14.8	9.2	17.0

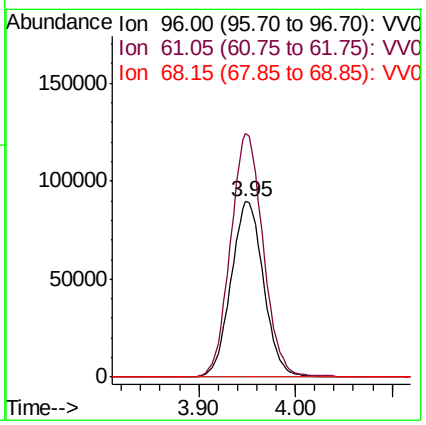


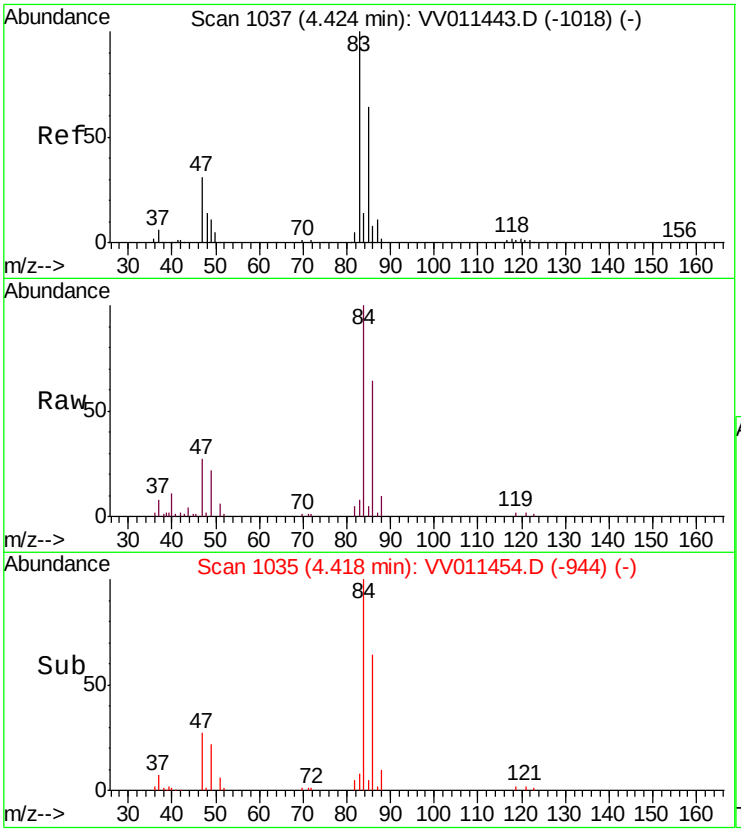


#22
cis-1,2-Dichloroethene
Concen: 19.292 ug/L
RT: 3.95 min Scan# 889
Delta R.T. -0.01 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion: 96 Resp: 209515

Ion	Ratio	Lower	Upper
96	100		
61	138.7	100.8	187.2
68	0.1	0.0	0.0#



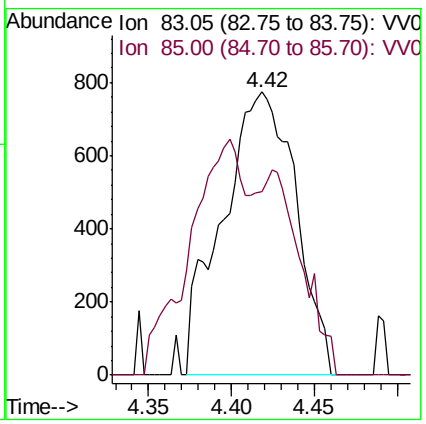


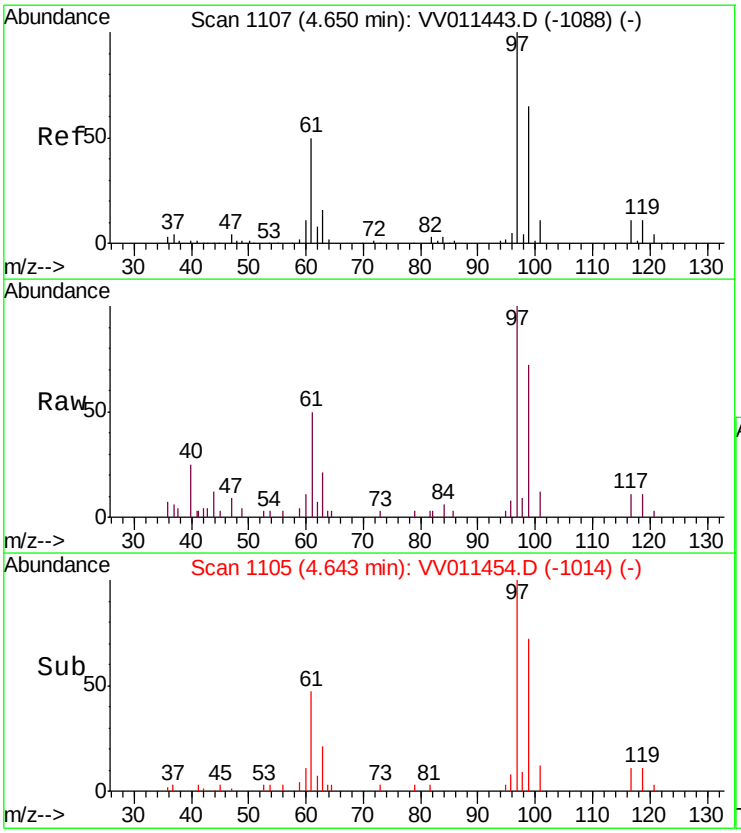
#25
Chloroform
Concen: 0.119 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument : MSVOA_V
ClientSampleId : BFCL2

Tgt Ion: 83 Resp: 2387

Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.1	81.9

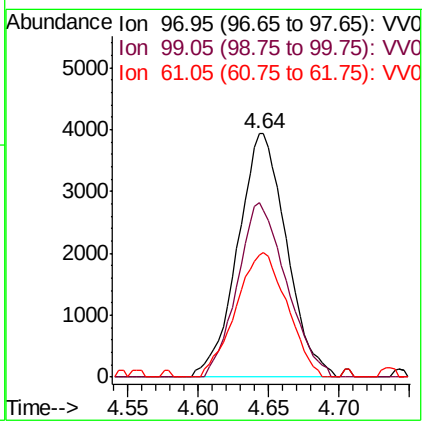


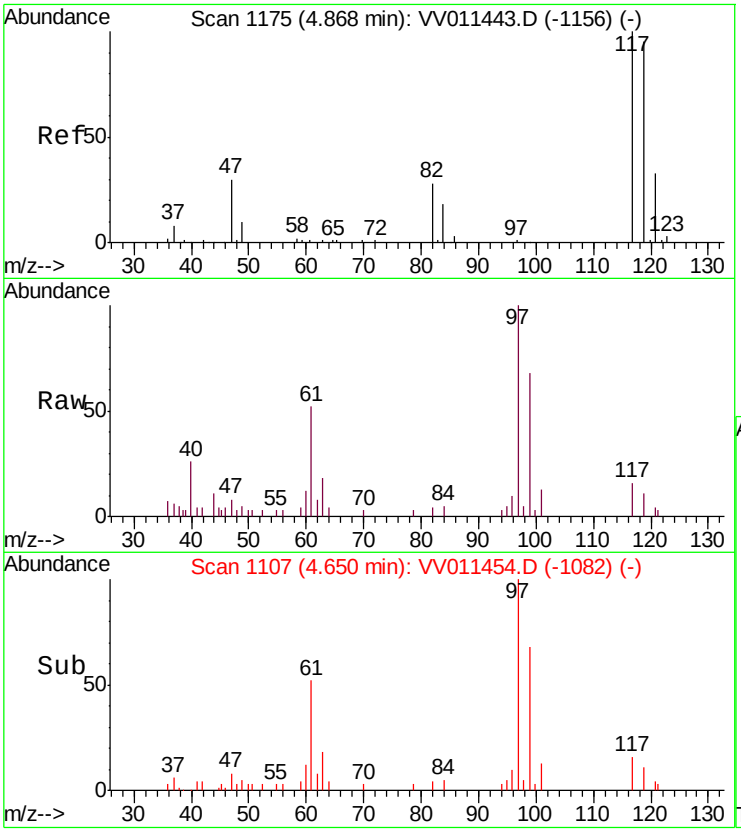


#29
1,1,1-Trichloroethane
Concen: 0.598 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion: 97 Resp: 9514

Ion	Ratio	Lower	Upper
97	100		
99	71.8	50.8	76.2
61	53.6	38.9	58.3



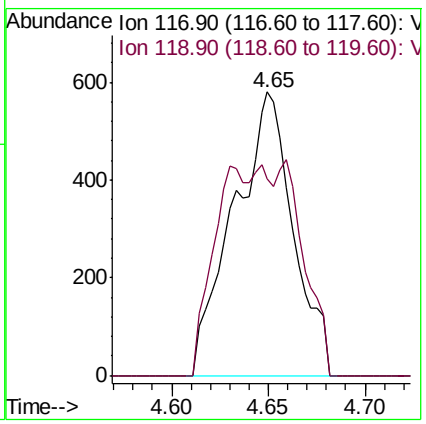


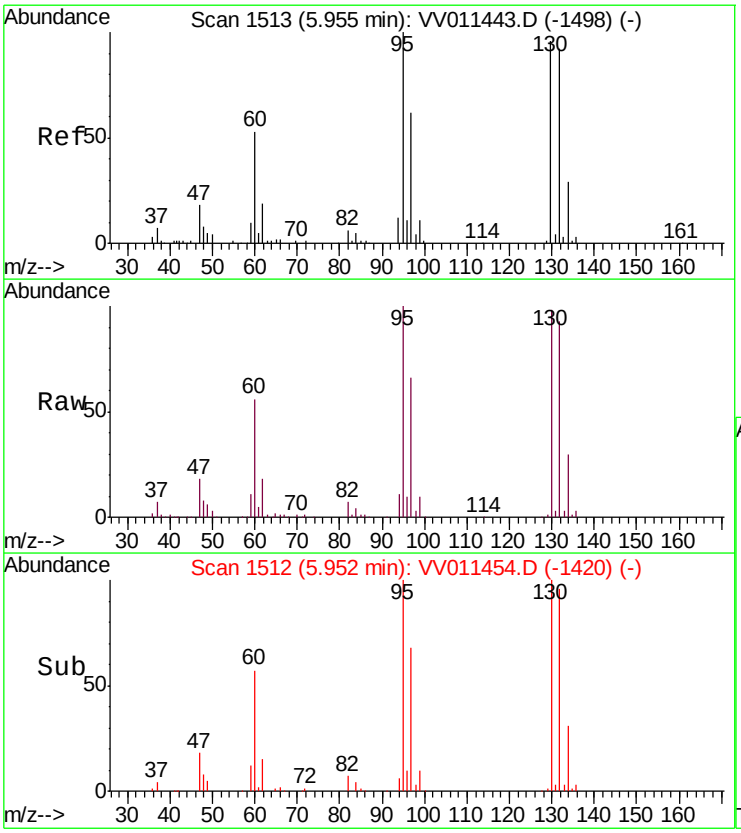
#31
Carbon tetrachloride
Concen: 0.093 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.22 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument : MSVOA_V
ClientSampleId : BFCL2

Tgt Ion:117 Resp: 1239

Ion	Ratio	Lower	Upper
117	100		
119	45.0	77.9	116.9#

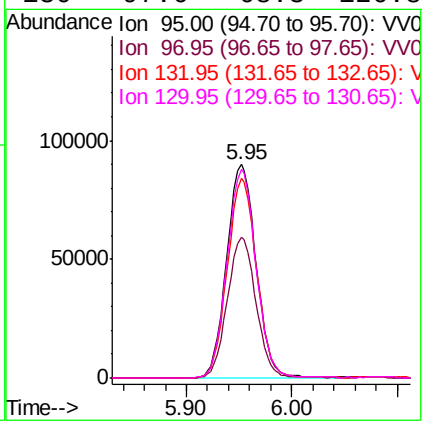


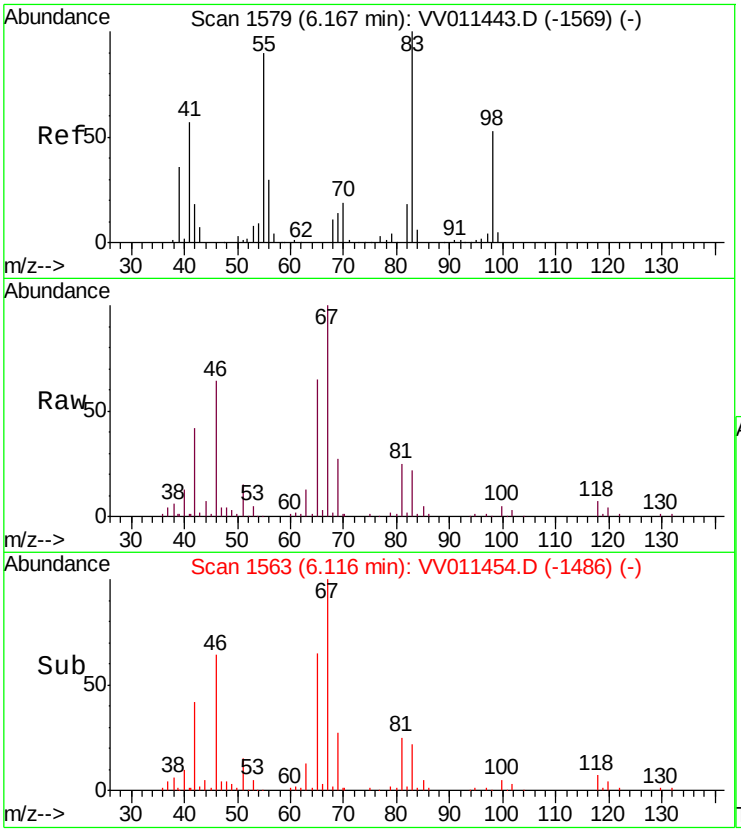


#34
Trichloroethene
Concen: 16.959 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion: 95 Resp: 173815

Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.8	85.2
132	93.4	66.4	123.2
130	97.6	68.3	126.8



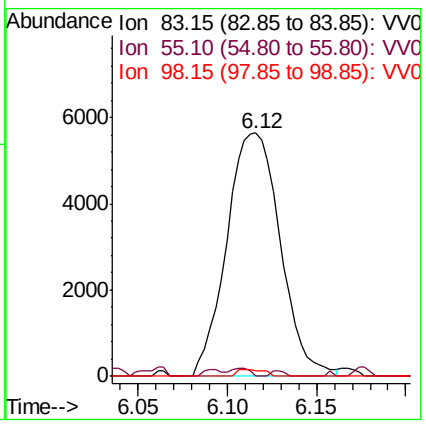


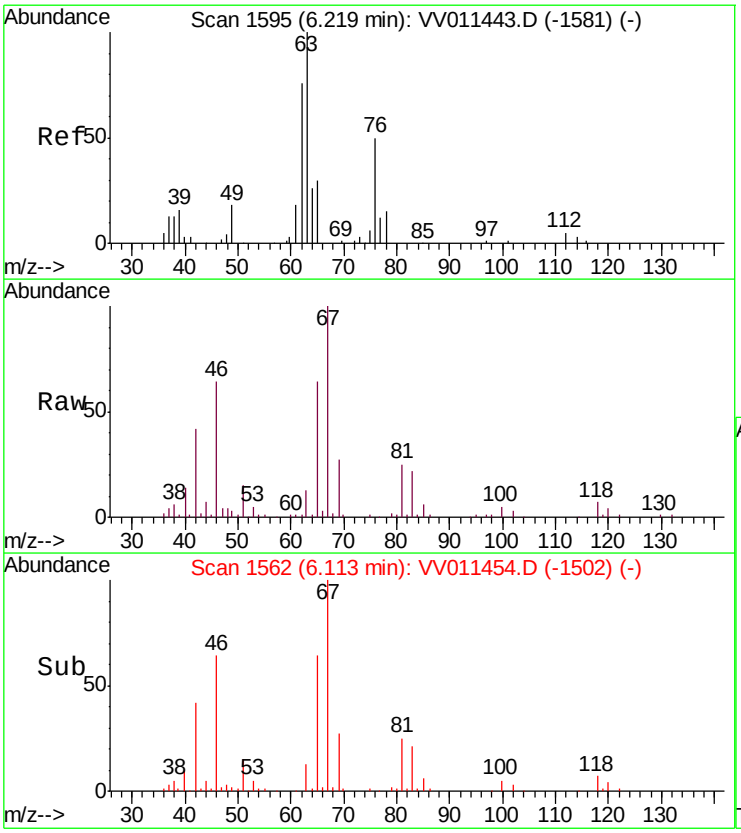
#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tgt Ion: 83 Resp: 11791

Ion	Ratio	Lower	Upper
83	100		
55	1.2	67.0	100.6#
98	0.0	40.0	60.0#

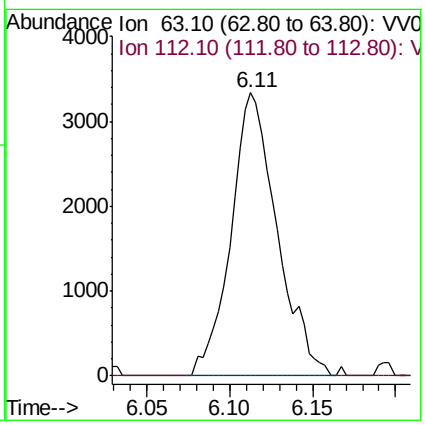


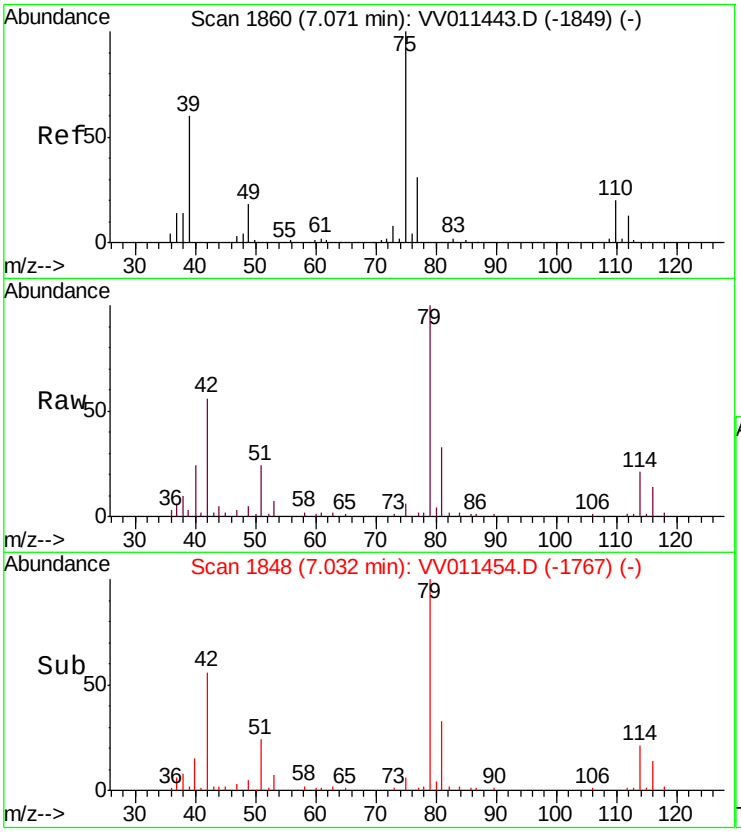


#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion: 63 Resp: 6468

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.6	5.4#



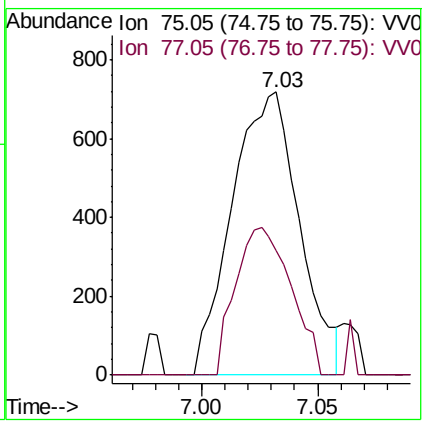


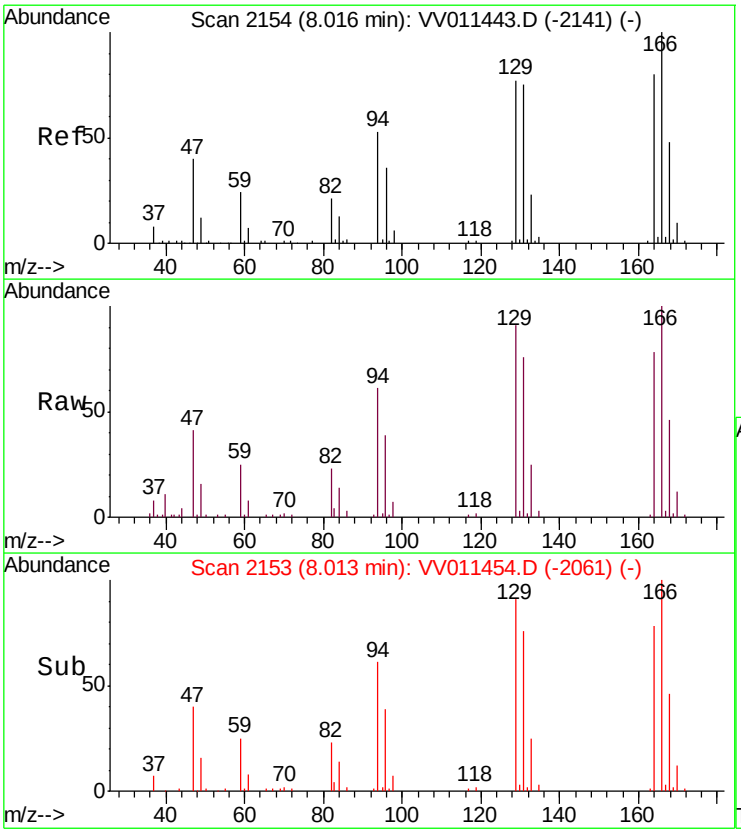
#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tgt Ion: 75 Resp: 1451

Ion	Ratio	Lower	Upper
75	100		
77	43.9	22.2	41.2#

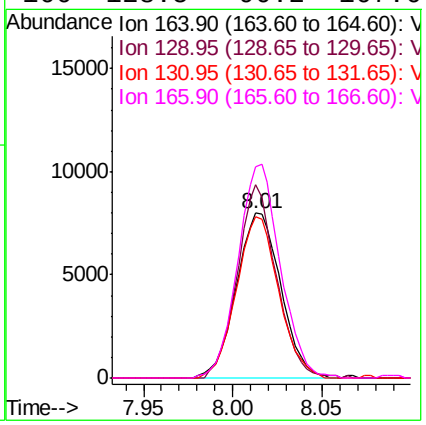


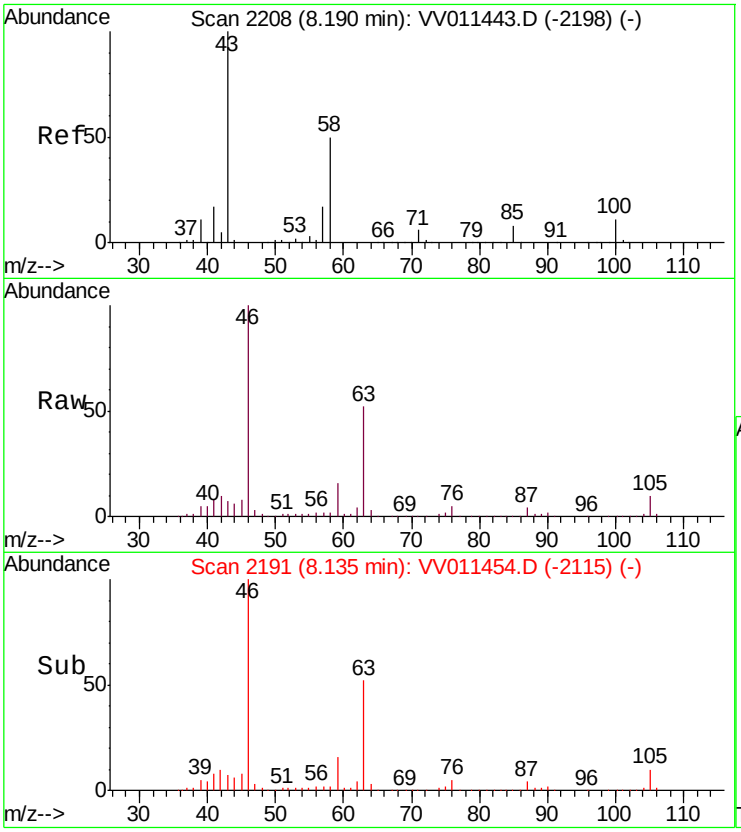


#47
Tetrachloroethene
Concen: 1.874 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion:164 Resp: 13883

Ion	Ratio	Lower	Upper
164	100		
129	117.1	69.9	129.9
131	97.7	66.8	124.2
166	128.5	90.2	167.6



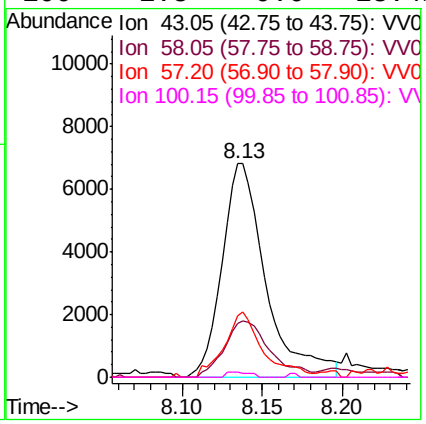


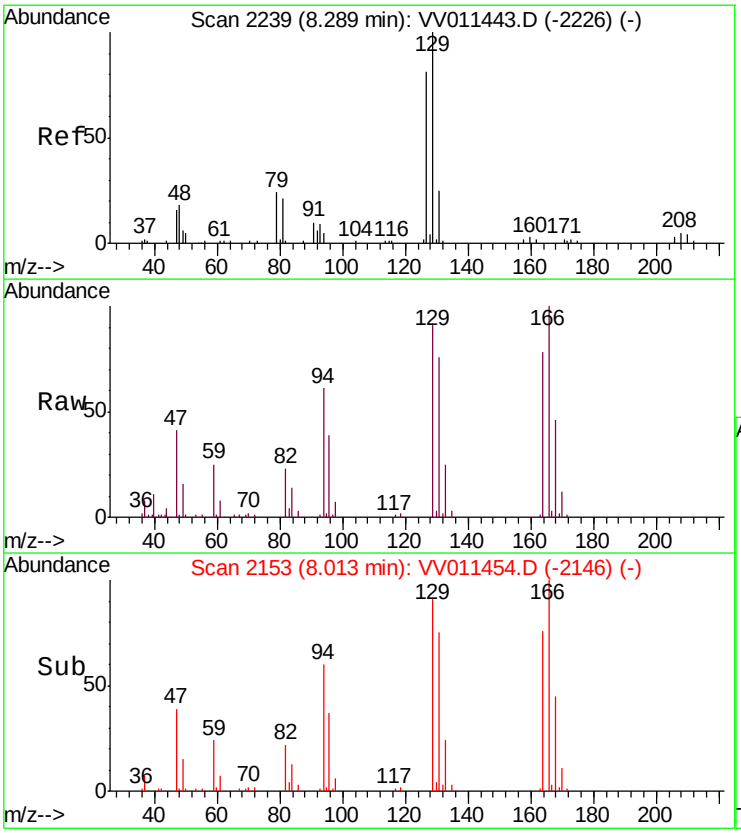
#48
2-Hexanone
Concen: 2.910 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument : MSVOA_V
ClientSampleId : BFCL2

Tgt Ion: 43 Resp: 12761

Ion	Ratio	Lower	Upper
43	100		
58	27.3	41.4	62.0#
57	26.6	15.0	22.4#
100	1.3	9.0	13.4#

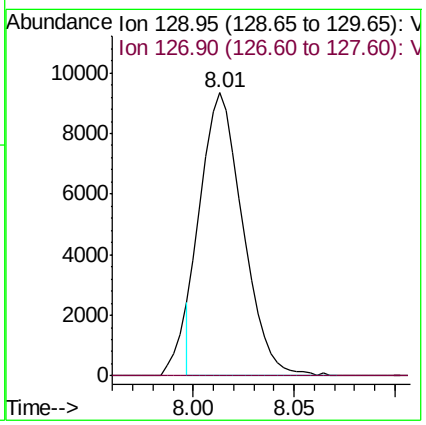


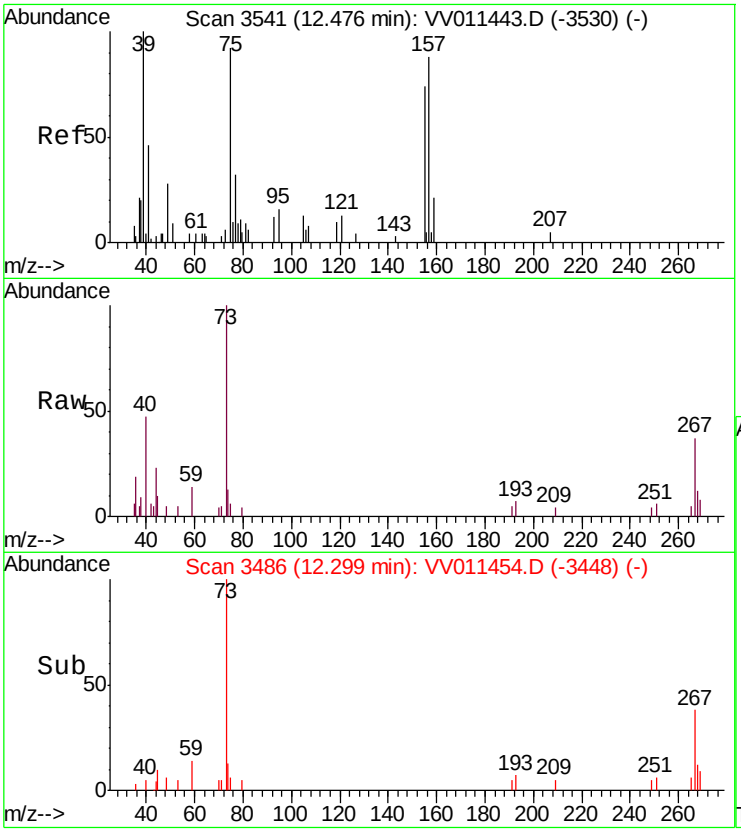


#49
Dibromochloromethane
Concen: 1.869 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.28 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Tgt Ion:129 Resp: 13418

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.098 ug/L
RT: 12.30 min Scan# 3486
Delta R.T. -0.18 min
Lab File: VV011454.D
Acq: 13 Jun 2019 10:52

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tgt Ion: 75 Resp: 102

Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.4	96.6#
157	0.0	66.7	100.1#