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

Quantitation Report (Not Reviewed)

Data File : VV011422.D
Acq On : 12 Jun 2019 15:07
Operator : SY/MD
Sample : K3289-03DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCL8DL

Quant Time: Jun 13 01:17:10 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	140374	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	123927	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48561	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	47289	4.45	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%				
7) Chloroethane-d5	1.56	69	34325	3.88	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.60%				
11) 1,1-Dichloroethene-d2	2.11	63	78556	3.70	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%				
20) 2-Butanone-d5	3.96	46	106290	44.39	ug/L		0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.78%				
24) Chloroform-d	4.40	84	85081	4.55	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%				
26) 1,2-Dichloroethane-d4	5.08	65	47764	4.72	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%				
32) Benzene-d6	5.09	84	169375	4.57	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%				
36) 1,2-Dichloropropane-d6	6.12	67	50805	4.45	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%				
41) Toluene-d8	7.36	98	148578	4.36	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%				
43) trans-1,3-Dichloropropene-	7.66	79	14659	3.37	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.40%				
46) 2-Hexanone-d5	8.14	63	77267	42.01	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.02%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33188	4.26	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.20%				
64) 1,2-Dichlorobenzene-d4	11.67	152	42958	4.48	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	7846	0.586	ug/L		93
5) Vinyl chloride	1.32	62	25085	1.942	ug/L	#	38
6) Bromomethane	1.53	94	10817	1.610	ug/L		94
8) Chloroethane	1.62	64	795	0.096	ug/L	#	65
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	833	0.092	ug/L	#	26
12) 1,1-Dichloroethene	2.12	96	4410	0.499	ug/L	#	1
16) Methylene chloride	2.53	84	1543	0.169	ug/L		89
18) trans-1,2-Dichloroethene	2.78	96	42933	4.336	ug/L		99
19) 1,1-Dichloroethane	3.22	63	49973	2.558	ug/L		96
22) cis-1,2-Dichloroethene	3.96	96	112079	10.220	ug/L		96
34) Trichloroethene	5.95	95	1033	0.101	ug/L		80
35) Methylcyclohexane	6.12	83	12628	0.750	ug/L	#	16
48) 2-Hexanone	8.14	43	11678	2.679	ug/L	#	70

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

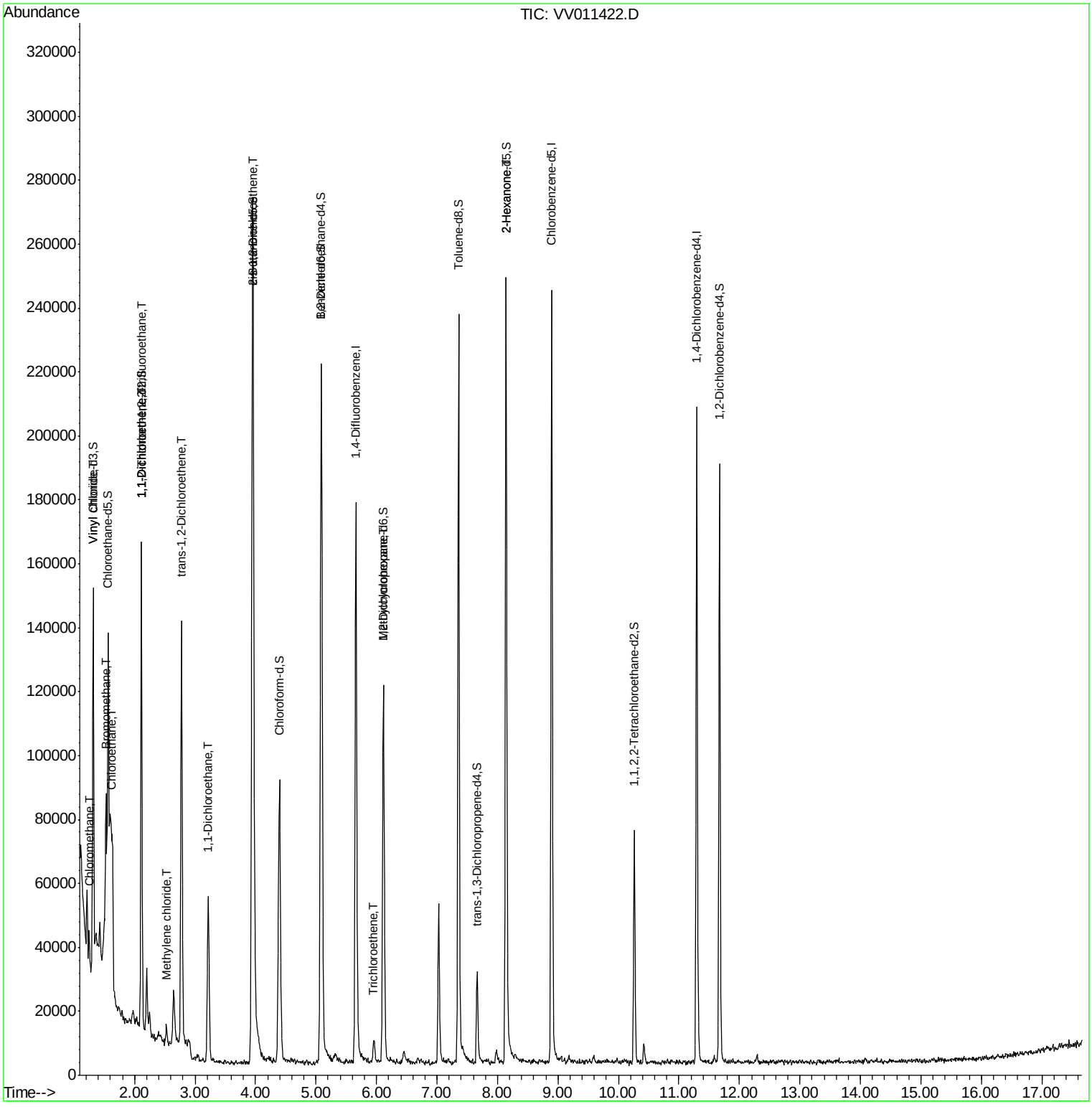
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

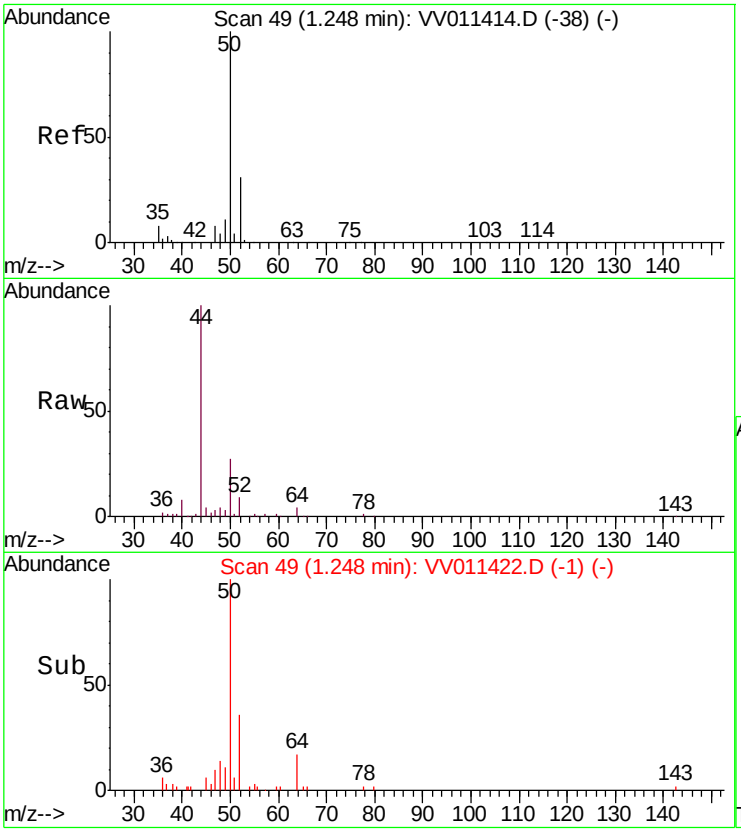
Quantitation Report (Not Reviewed)

Data File : VV011422.D
Acq On : 12 Jun 2019 15:07
Operator : SY/MD
Sample : K3289-03DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCL8DL

Quant Time: Jun 13 01:17:10 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



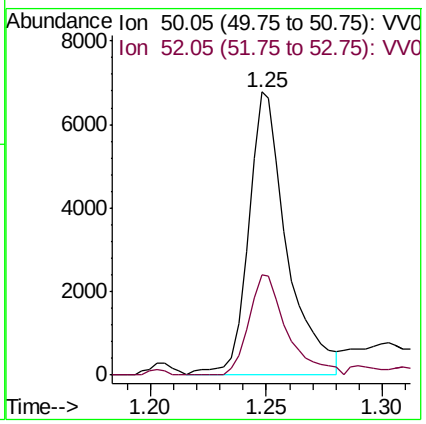


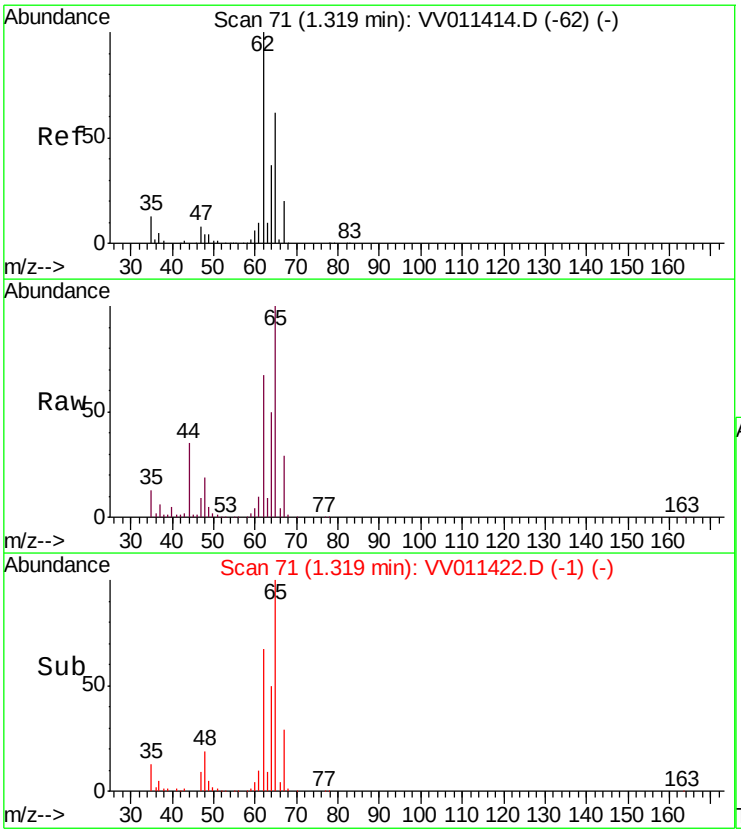
#3
Chloromethane
Concen: 0.586 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFCL8DL

Tgt Ion: 50 Resp: 7846

Ion	Ratio	Lower	Upper
50	100		
52	35.5	22.3	41.5

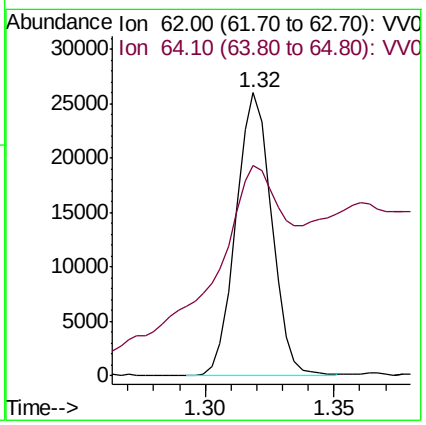


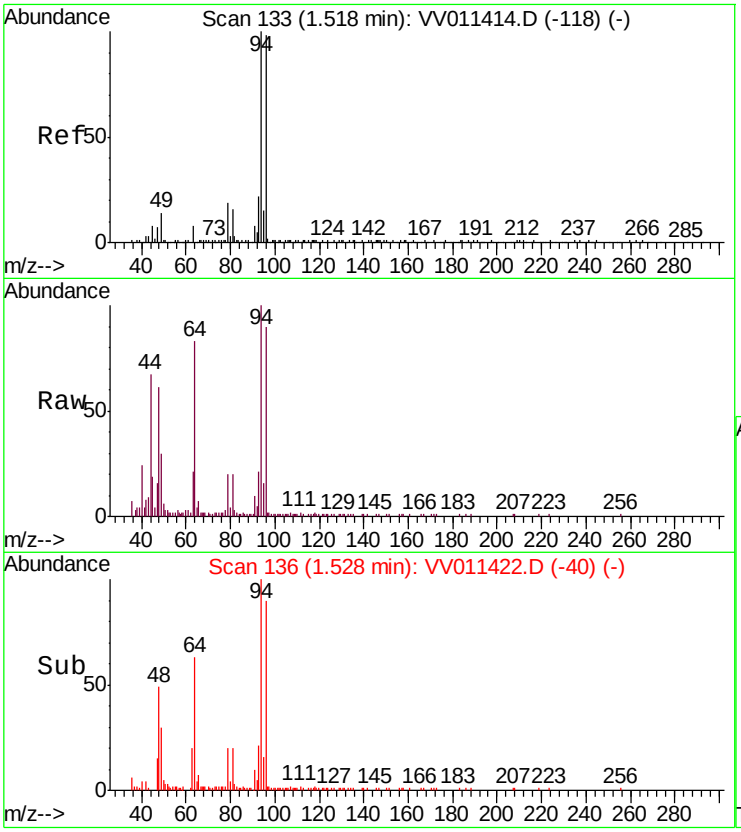


#5
Vinyl chloride
Concen: 1.942 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 62 Resp: 25085

Ion	Ratio	Lower	Upper
62	100		
64	74.2	25.9	48.1#



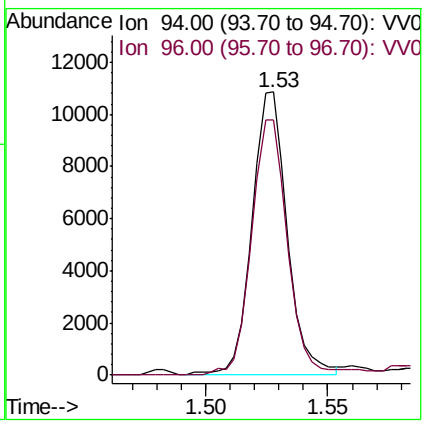


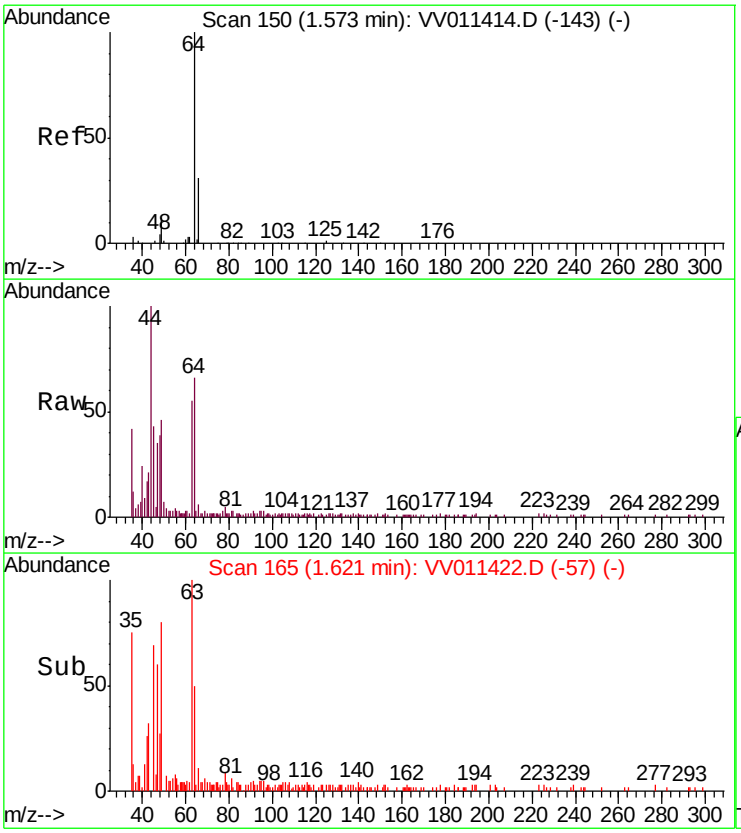
#6
Bromomethane
Concen: 1.610 ug/L
RT: 1.53 min Scan# 136
Delta R.T. 0.01 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFCL8DL

Tgt Ion: 94 Resp: 10817

Ion	Ratio	Lower	Upper
94	100		
96	90.2	67.0	124.4

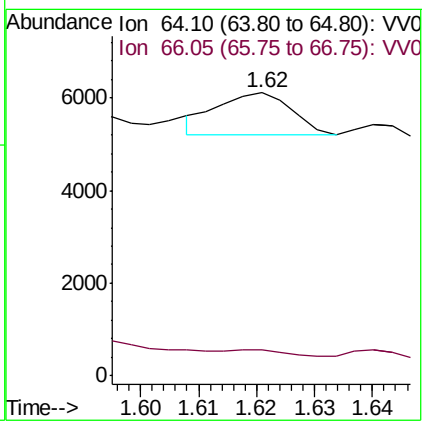


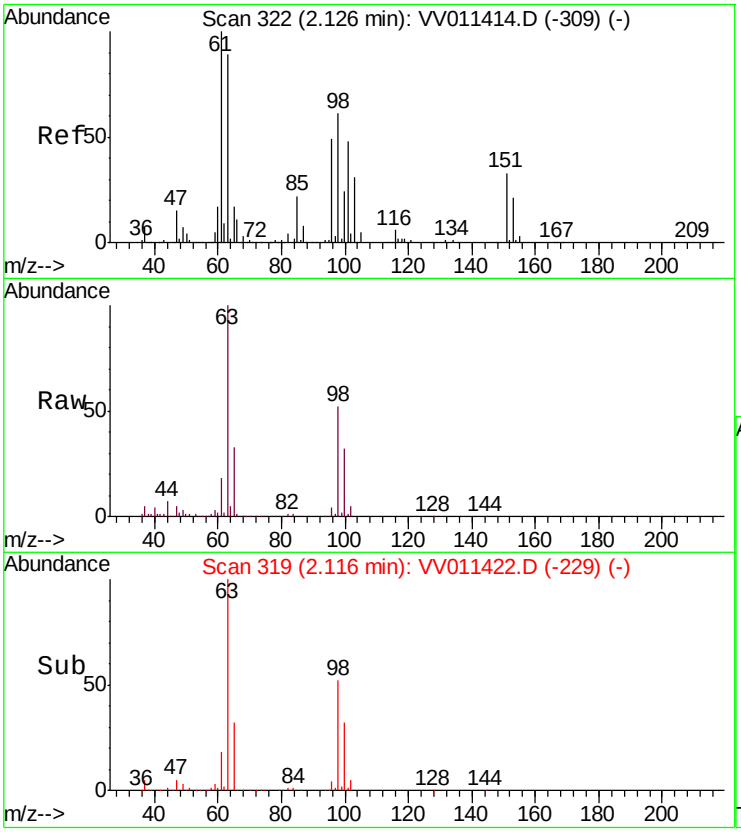


#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.62 min Scan# 165
Delta R.T. 0.05 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 64 Resp: 795

Ion	Ratio	Lower	Upper
64	100		
66	9.2	19.4	36.0#



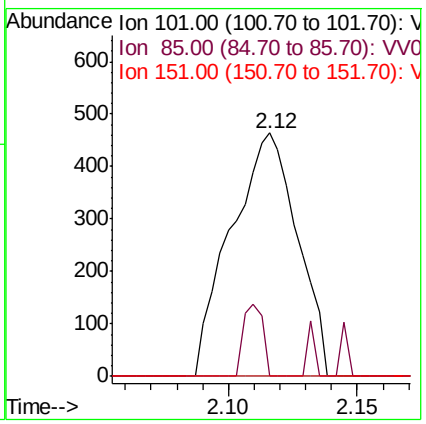


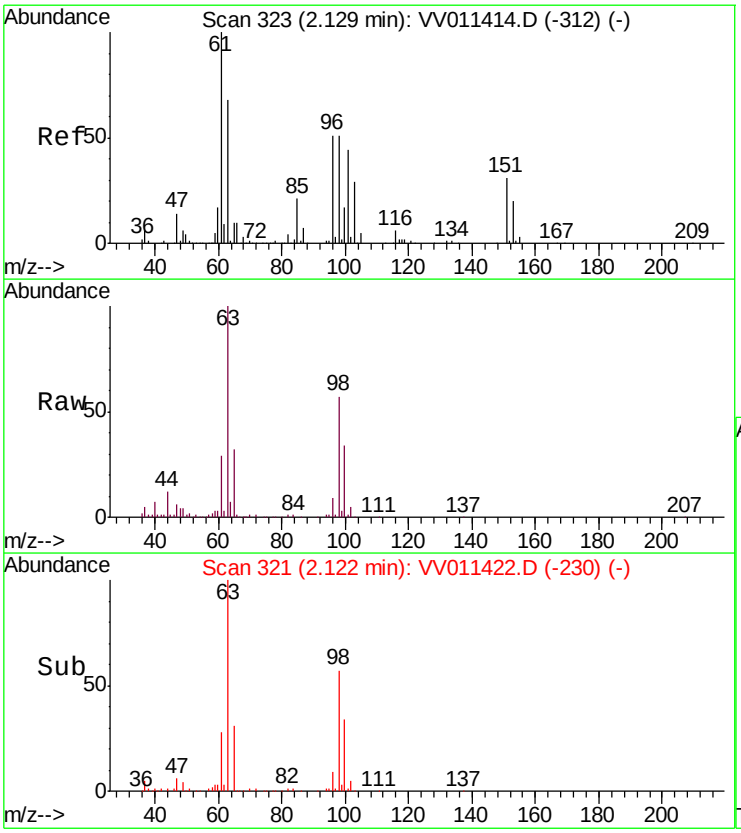
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument : MSVOA_V
ClientSampleId : BFCL8DL

Tgt Ion:101 Resp: 833

Ion	Ratio	Lower	Upper
101	100		
85	8.6	35.5	53.3#
151	0.0	56.9	85.3#

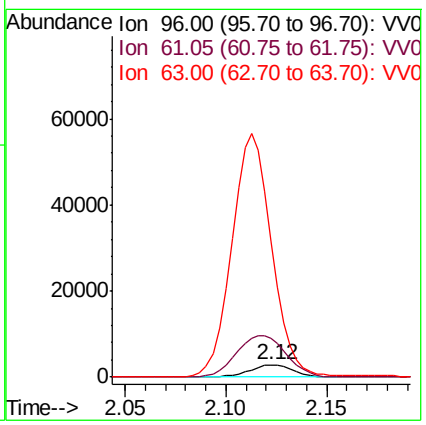


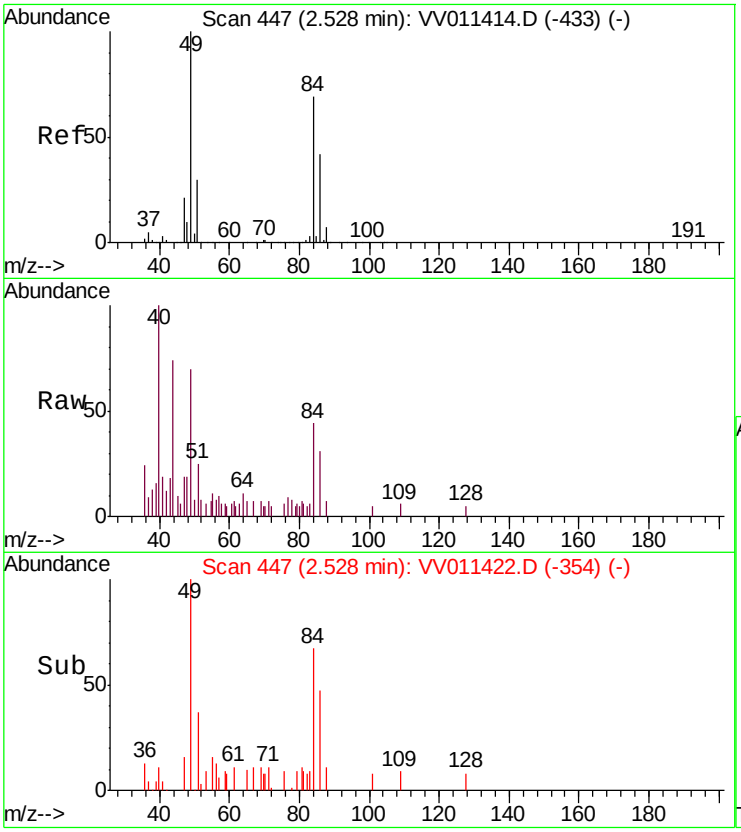


#12
1,1-Dichloroethene
Concen: 0.499 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 96 Resp: 4410

Ion	Ratio	Lower	Upper
96	100		
61	312.7	139.8	259.6#
63	1088.1	94.3	175.1#



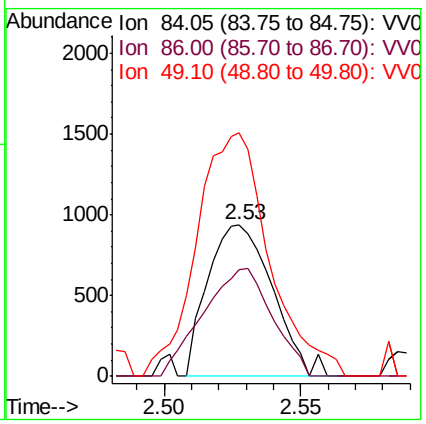


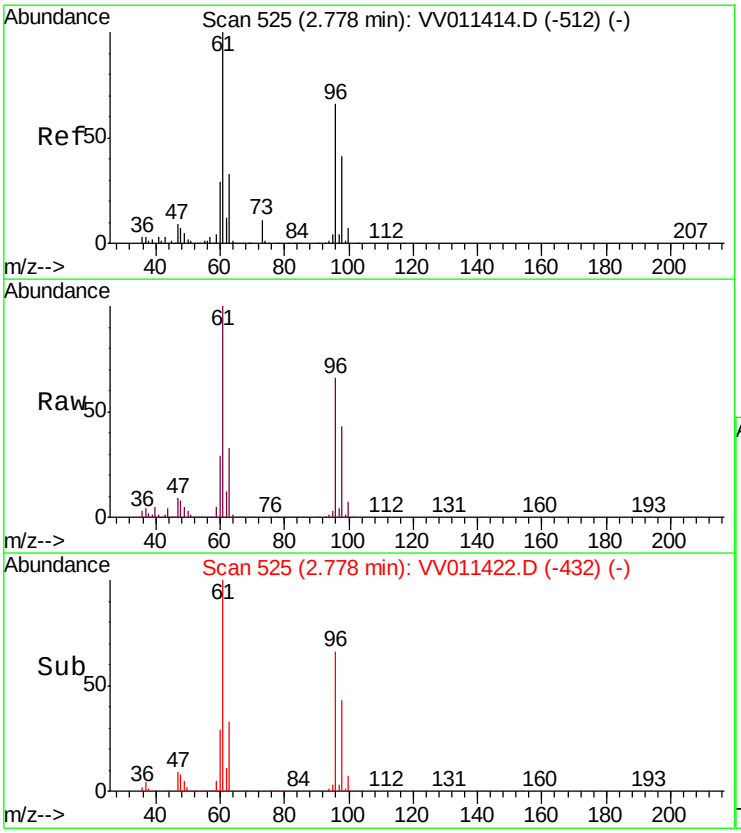
#16
Methylene chloride
Concen: 0.169 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFCL8DL

Tgt Ion: 84 Resp: 1543

Ion	Ratio	Lower	Upper
84	100		
86	70.6	44.9	83.3
49	160.5	102.1	189.5

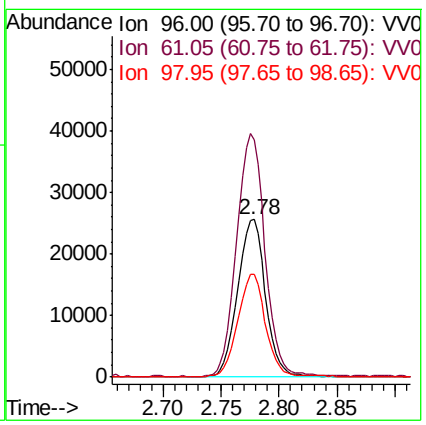


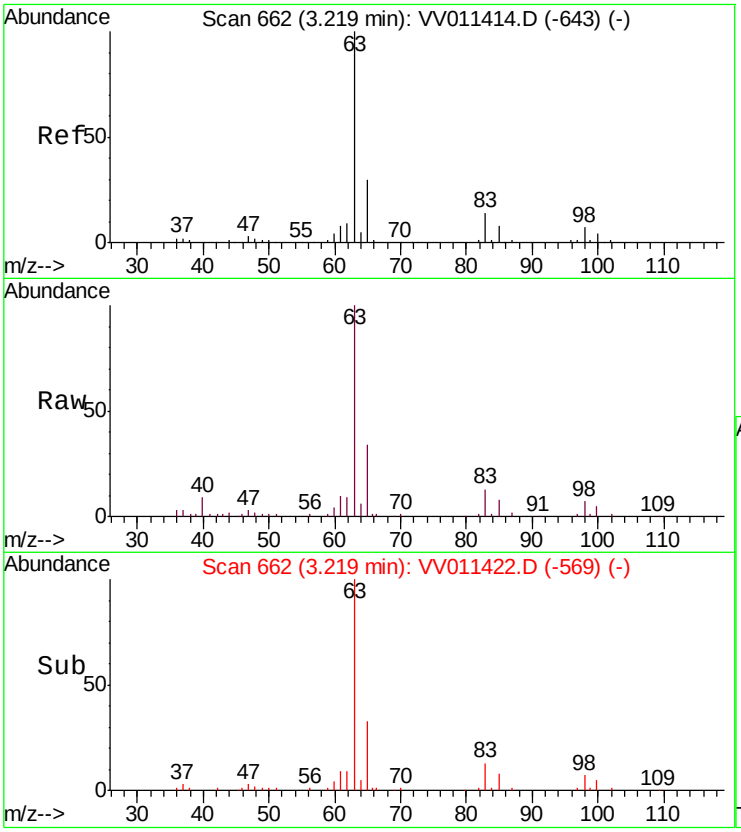


#18
trans-1,2-Dichloroethene
Concen: 4.336 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 96 Resp: 42933

Ion	Ratio	Lower	Upper
96	100		
61	150.9	104.0	193.2
98	65.2	45.7	84.9



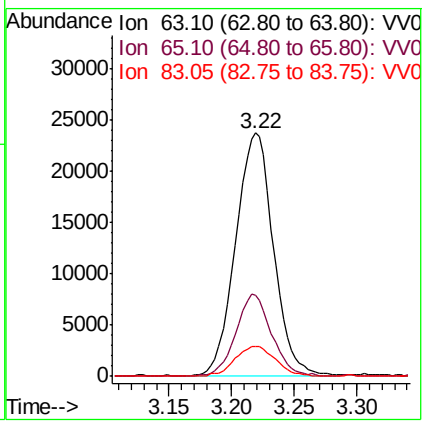


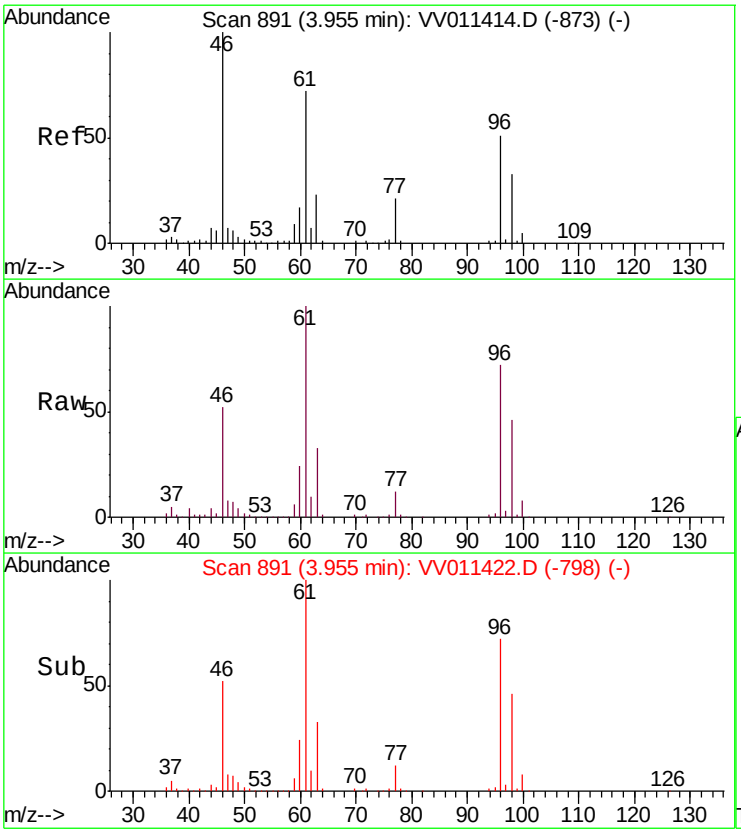
#19
1,1-Dichloroethane
Concen: 2.558 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument : MSVOA_V
ClientSampleId : BFCL8DL

Tgt Ion: 63 Resp: 49973

Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.1	41.1
83	12.5	9.2	17.0

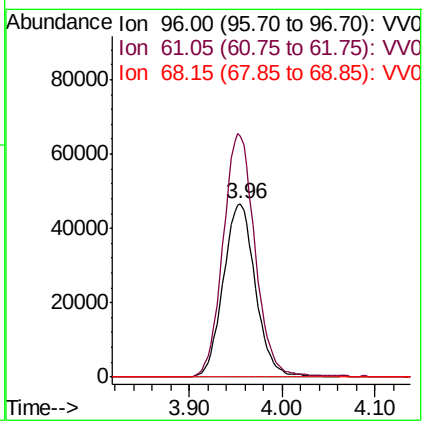


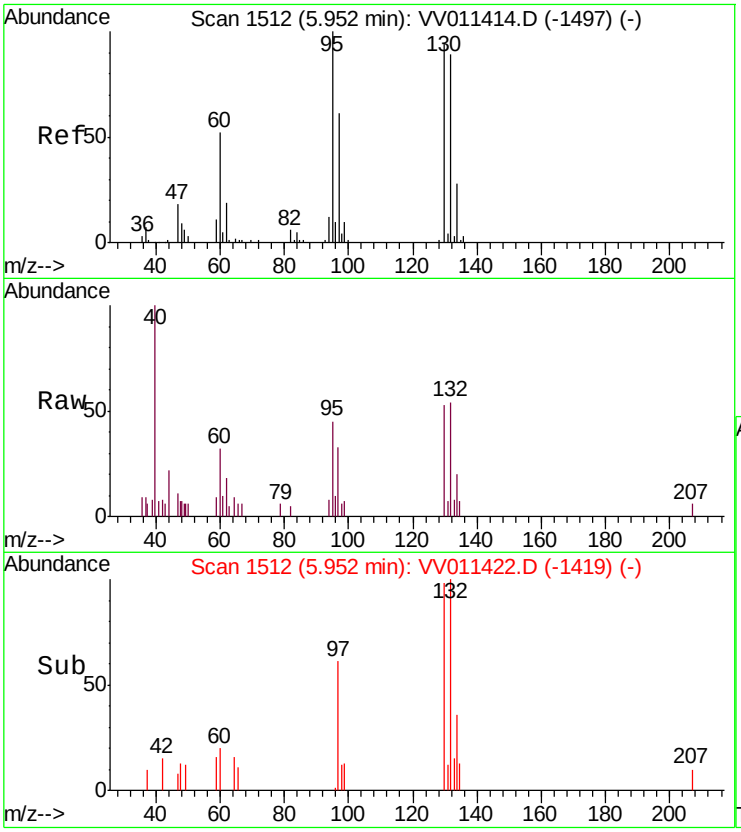


#22
cis-1,2-Dichloroethene
Concen: 10.220 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 96 Resp: 112079

Ion	Ratio	Lower	Upper
96	100		
61	139.5	100.8	187.2
68	0.0	0.0	0.0



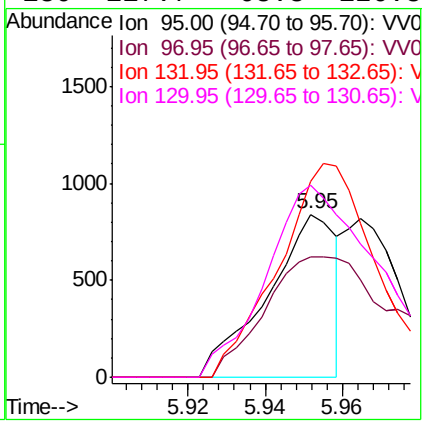


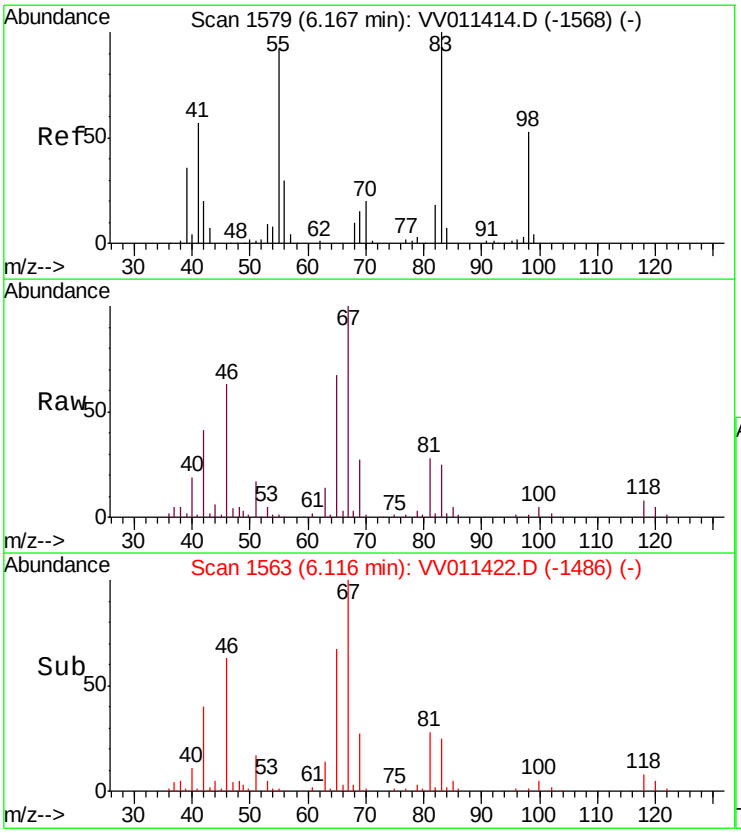
#34
Trichloroethene
Concen: 0.101 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFCL8DL

Tgt Ion: 95 Resp: 1033

Ion	Ratio	Lower	Upper
95	100		
97	73.5	45.8	85.2
132	120.5	66.4	123.2
130	117.7	68.3	126.8

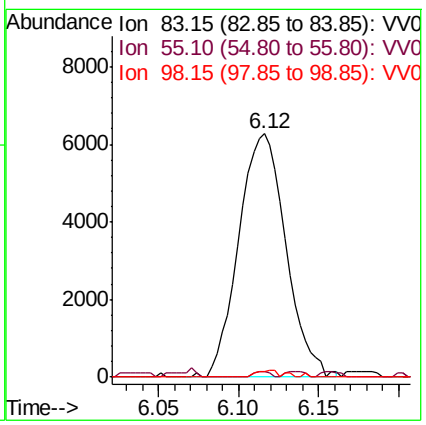


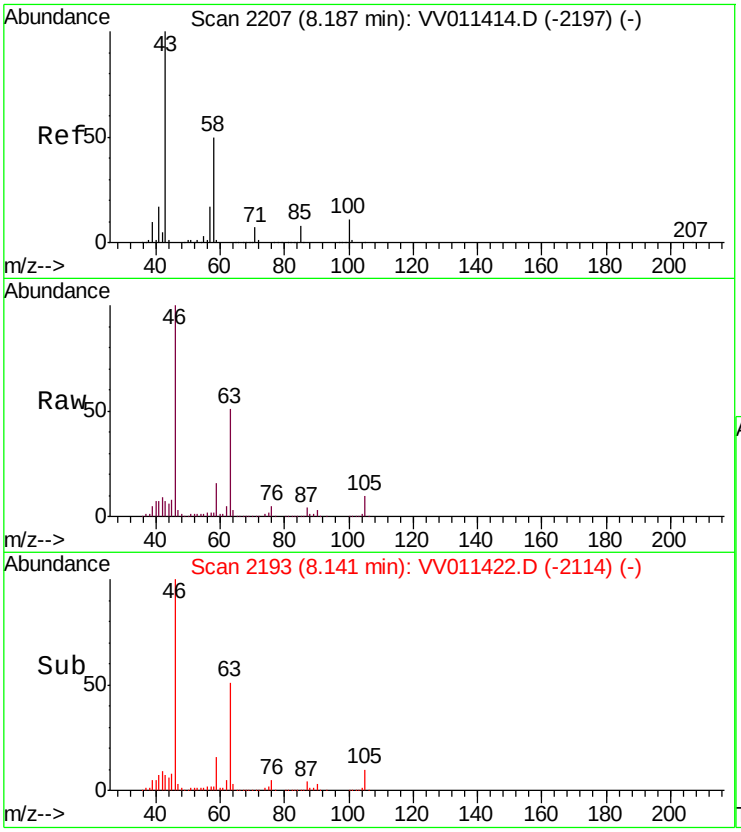


#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 83 Resp: 12628

Ion	Ratio	Lower	Upper
83	100		
55	0.8	67.0	100.6#
98	1.1	40.0	60.0#





#48
2-Hexanone
Concen: 2.679 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
BFCL8DL

Tgt Ion: 43 Resp: 11678

Ion	Ratio	Lower	Upper
43	100		
58	26.9	41.4	62.0#
57	25.7	15.0	22.4#
100	0.4	9.0	13.4#