Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011607.D
Acq On : 19 Jun 2019 06:21
Operator : SY/MD
Sample : K3381-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCK8

Quant Time: Jun 19 07:55:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160169	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54540	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41387	3.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.40%			
7) Chloroethane-d5	1.56	69	30345	3.96	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.20%			
11) 1,1-Dichloroethene-d2	2.12	63	64599	2.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.20%#			
20) 2-Butanone-d5	3.95	46	165007	48.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.98%			
24) Chloroform-d	4.40	84	95581	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.08	65	59237	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.09	84	183149	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.12	67	61523	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.36	98	145902	3.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.20%			
43) trans-1,3-Dichloropropene-	7.66	79	14168	3.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.40%			
46) 2-Hexanone-d5	8.14	63	114664	43.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.60%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44399	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	48046	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1829	0.128	ug/L	97
3) Chloromethane	1.25	50	1887	0.122	ug/L	97
5) Vinyl chloride	1.32	62	4358	0.285	ug/L #	33
8) Chloroethane	1.32	64	2394	0.323	ug/L	94
16) Methylene chloride	2.52	84	1673	0.148	ug/L	93
19) 1,1-Dichloroethane	3.22	63	18573	0.797	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	2525	0.198	ug/L	93
25) Chloroform	4.42	83	2939	0.126	ug/L	84
34) Trichloroethene	5.96	95	24572	2.049	ug/L	99
35) Methylcyclohexane	6.12	83	14666	0.858	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7771	0.621	ug/L #	93
48) 2-Hexanone	8.14	43	16718	2.665	ug/L #	74

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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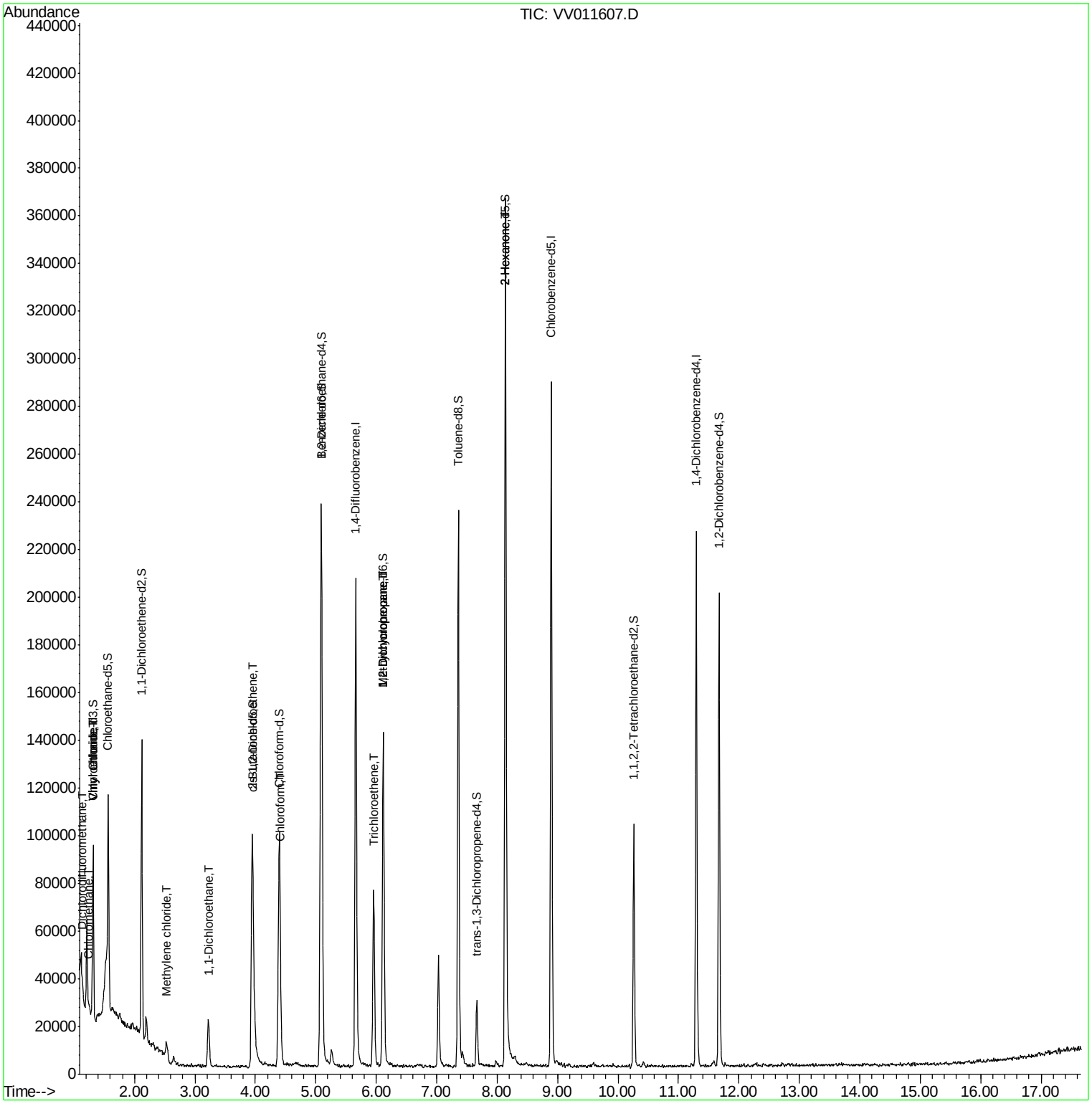
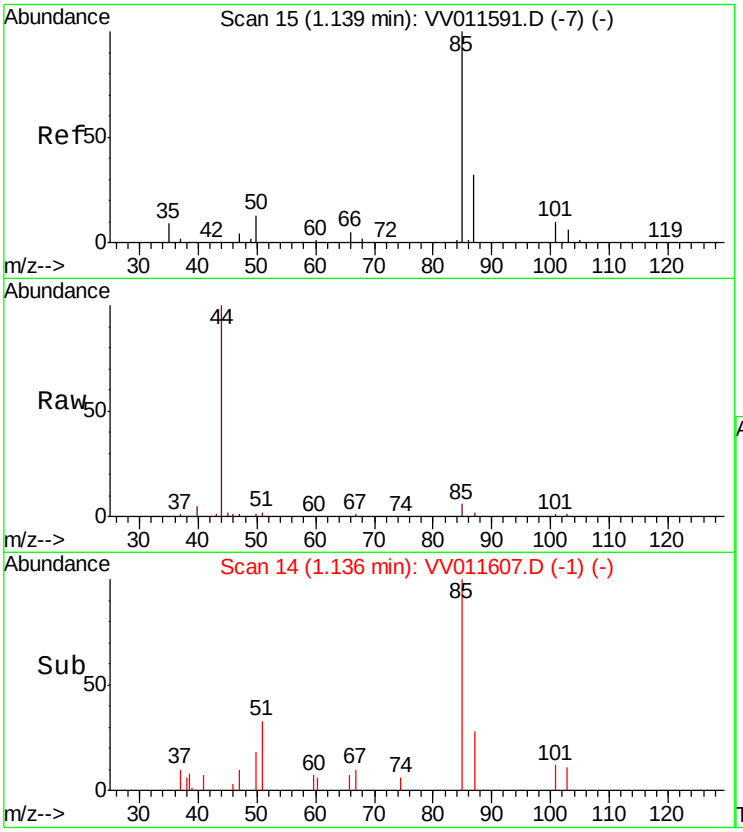
Instrument : MSVOA_V
ClientSampleId : BFCK8

Quant Time: Jun 19 07:55:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration



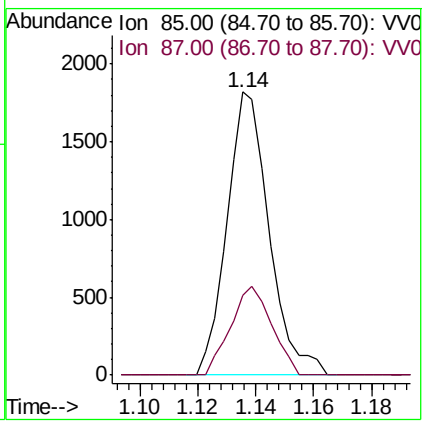


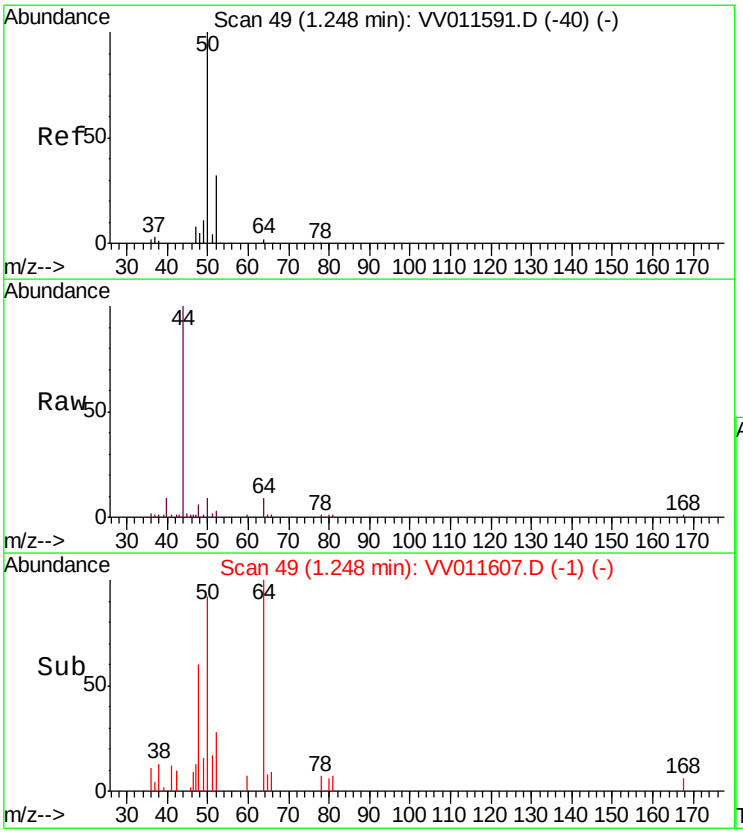
#2
Dichlorodifluoromethane
Concen: 0.128 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Instrument :
MSVOA_V
ClientSampleId :
BFCK8

Tgt Ion: 85 Resp: 1829

Ion	Ratio	Lower	Upper
85	100		
87	30.6	25.9	38.9

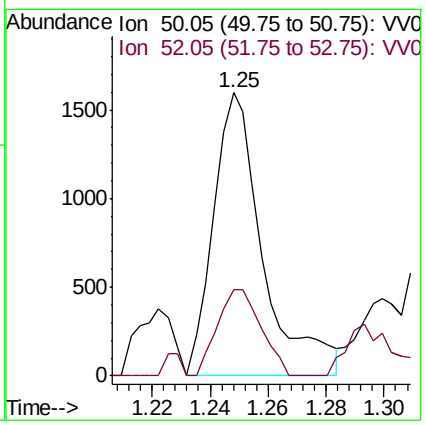


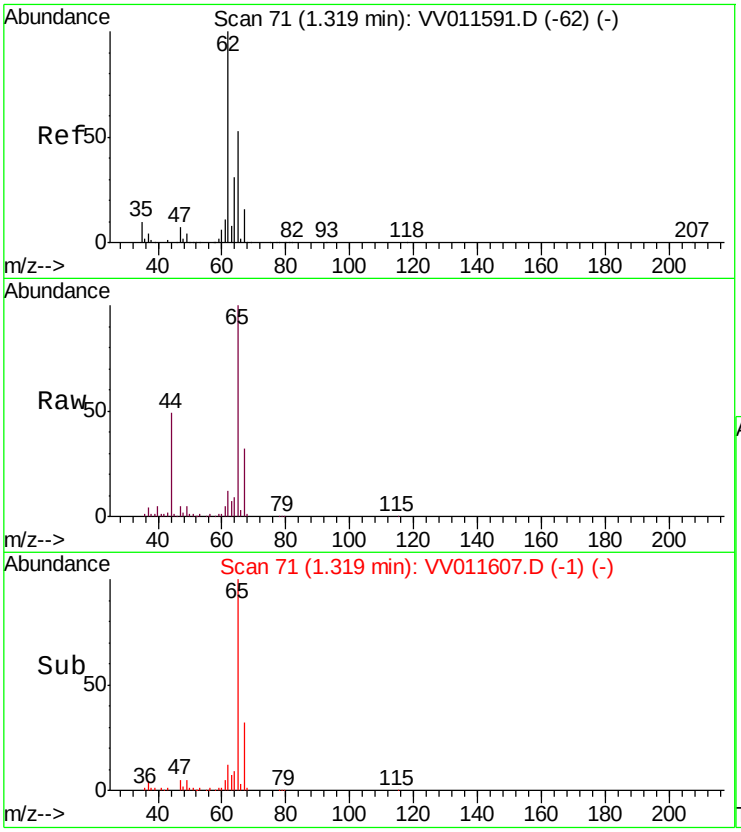


#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Tgt Ion: 50 Resp: 1887

Ion	Ratio	Lower	Upper
50	100		
52	30.5	22.7	42.1



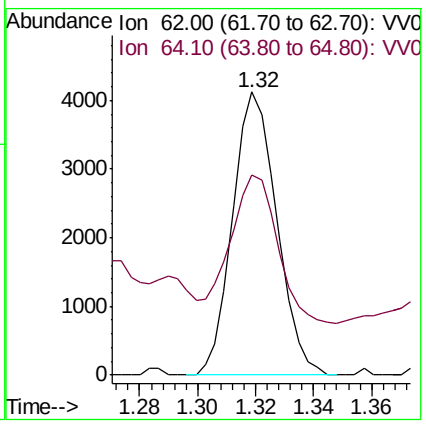


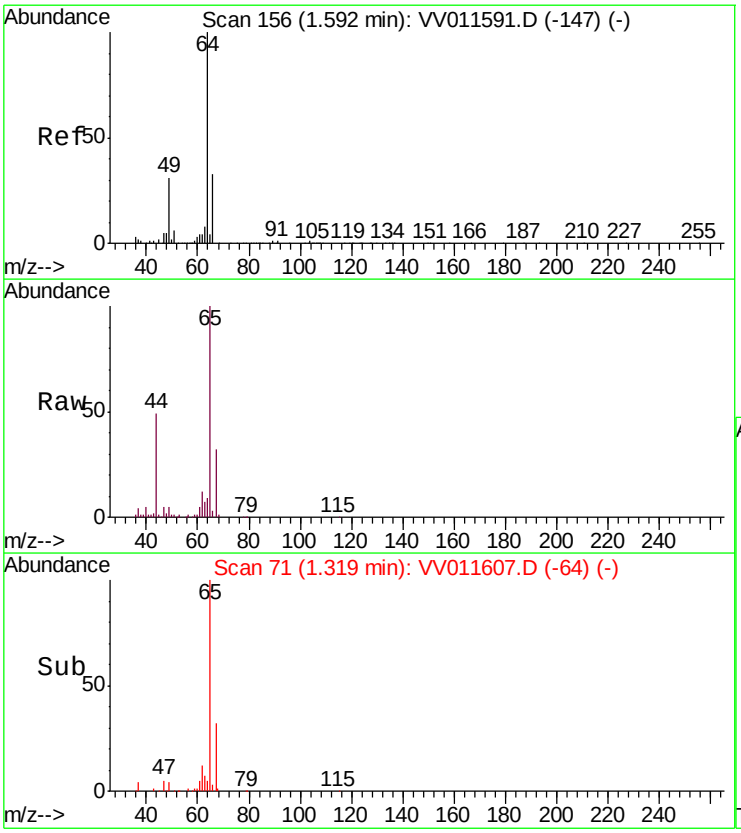
#5
Vinyl chloride
Concen: 0.285 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Instrument :
MSVOA_V
ClientSampleId :
BFCK8

Tgt Ion: 62 Resp: 4358

Ion	Ratio	Lower	Upper
62	100		
64	70.7	23.0	42.6#

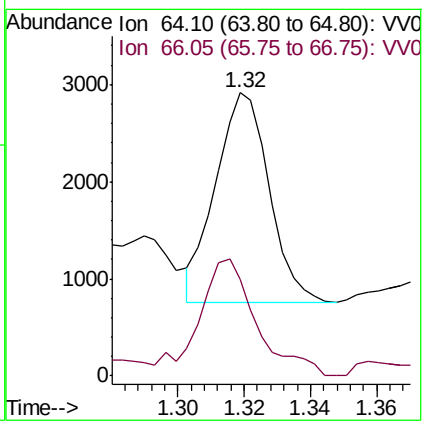


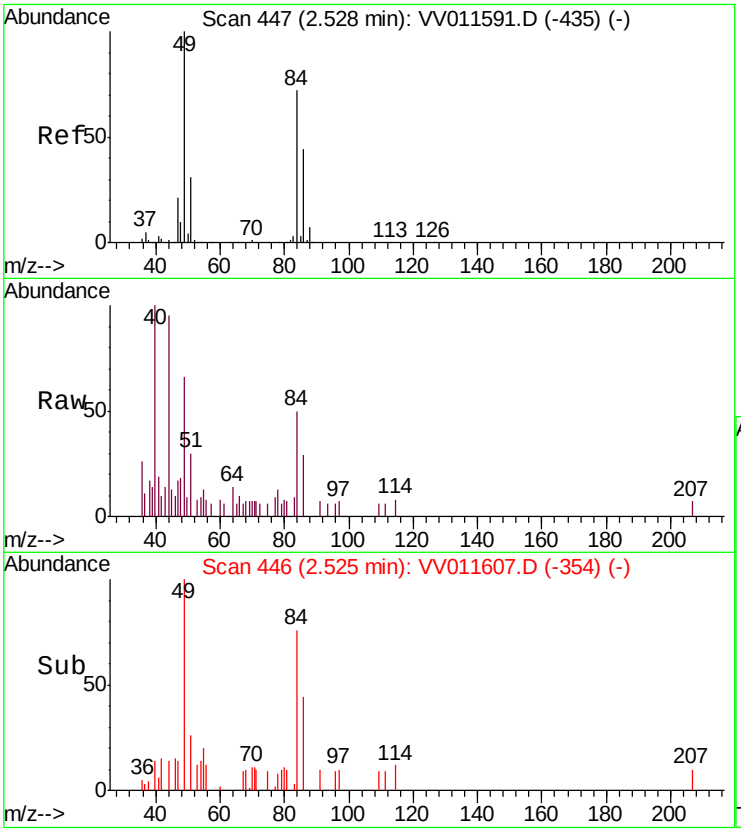


#8
Chloroethane
Concen: 0.323 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Tgt Ion: 64 Resp: 2394

Ion	Ratio	Lower	Upper
64	100		
66	34.0	21.6	40.2



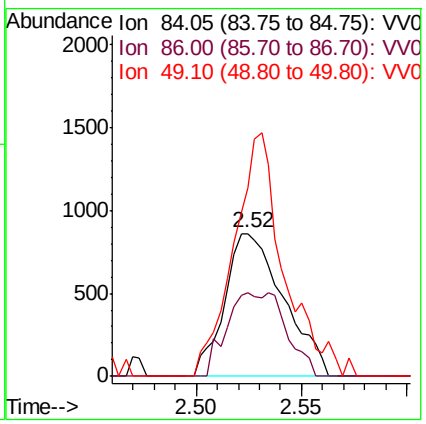


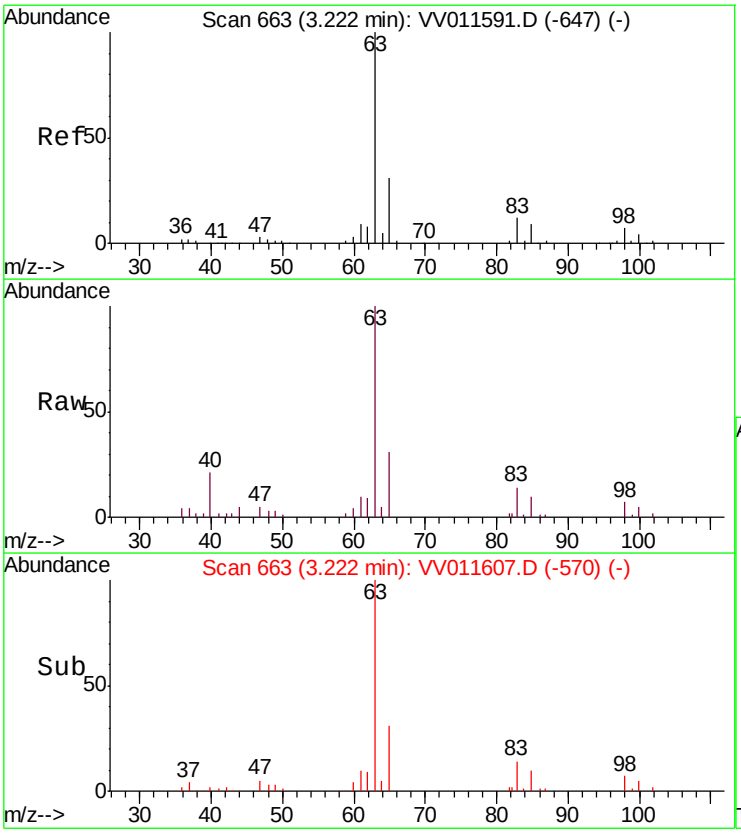
#16
Methylene chloride
Concen: 0.148 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Instrument :
MSVOA_V
ClientSampleId :
BFCK8

Tgt Ion: 84 Resp: 1673

Ion	Ratio	Lower	Upper
84	100		
86	58.1	42.5	78.9
49	150.1	97.7	181.5

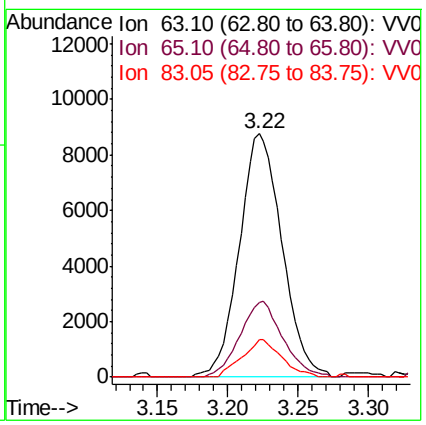


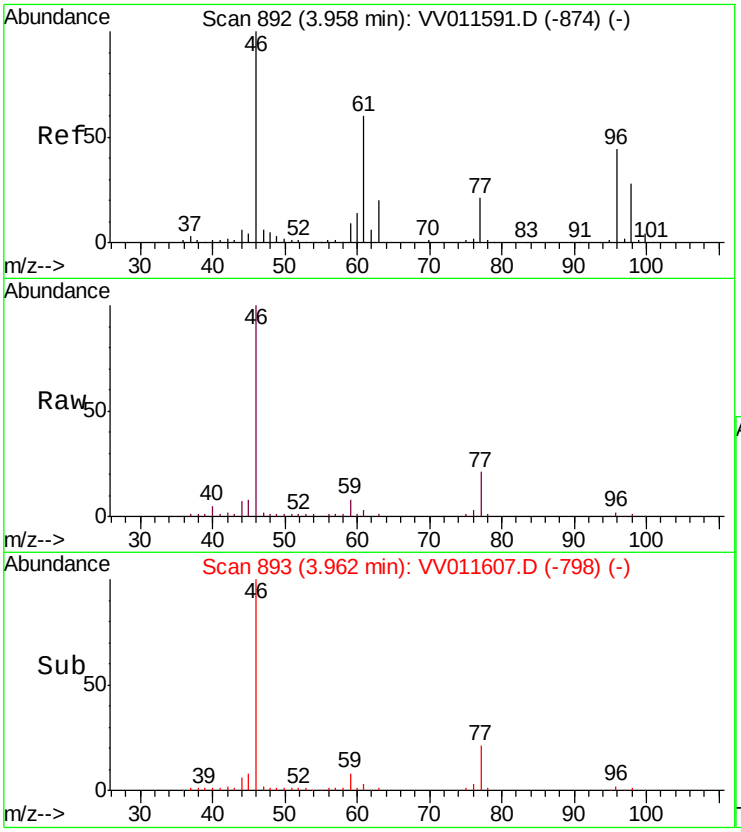


#19
1,1-Dichloroethane
Concen: 0.797 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Tgt Ion: 63 Resp: 18573

Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.5	41.9
83	15.2	10.1	18.9



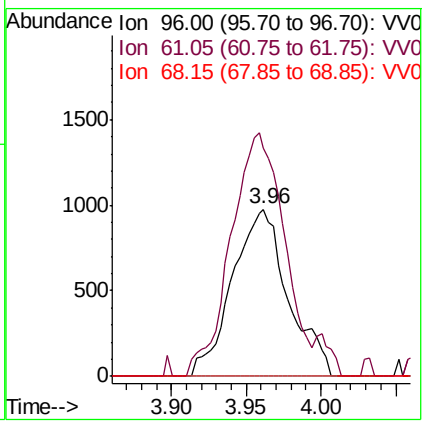


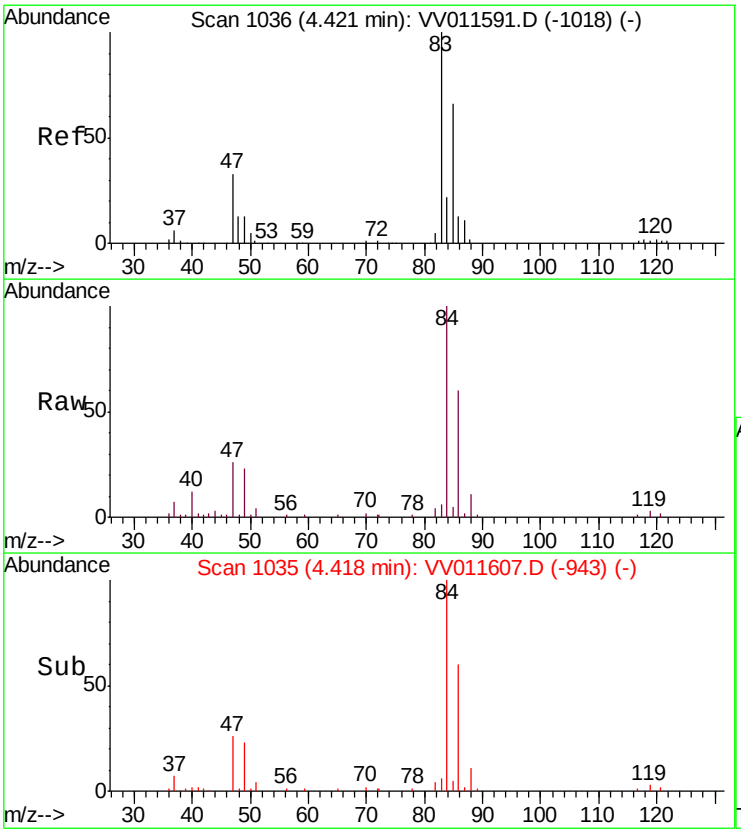
#22
cis-1,2-Dichloroethene
Concen: 0.198 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Instrument :
MSVOA_V
ClientSampleId :
BFCK8

Tgt Ion: 96 Resp: 2525

Ion	Ratio	Lower	Upper
96	100		
61	137.1	102.2	189.8
68	0.0	0.0	0.0

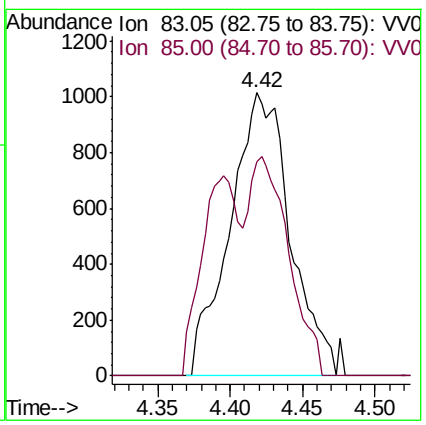


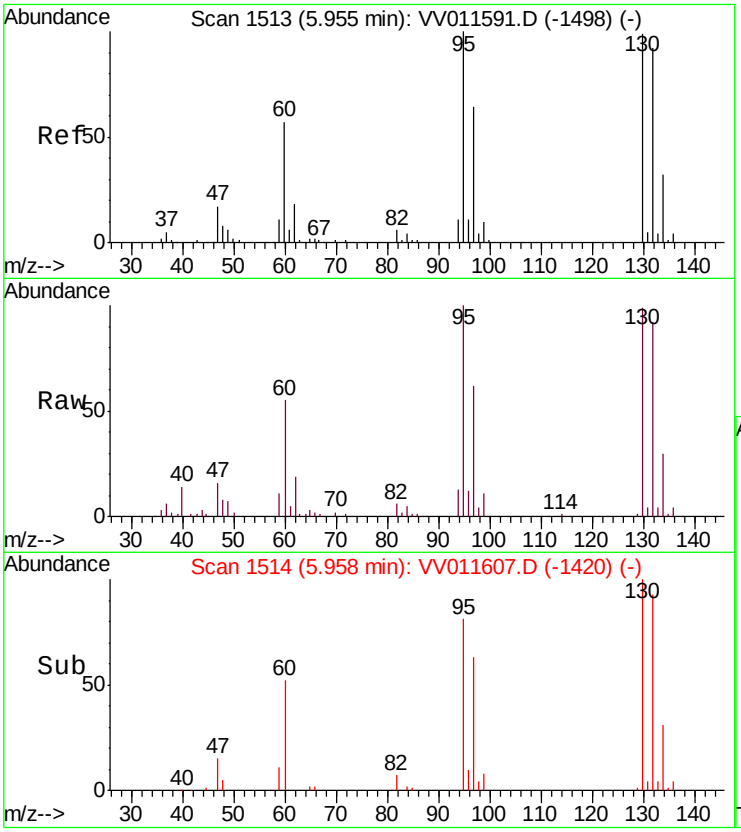


#25
Chloroform
Concen: 0.126 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Tgt Ion: 83 Resp: 2939

Ion	Ratio	Lower	Upper
83	100		
85	75.9	44.6	82.8



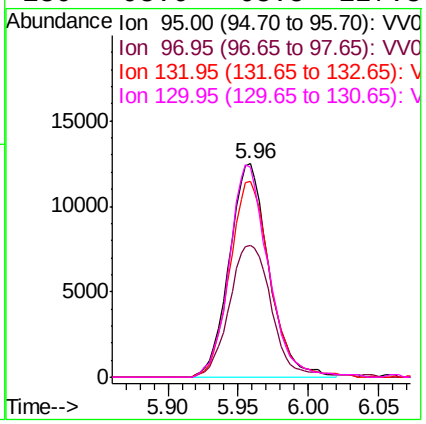


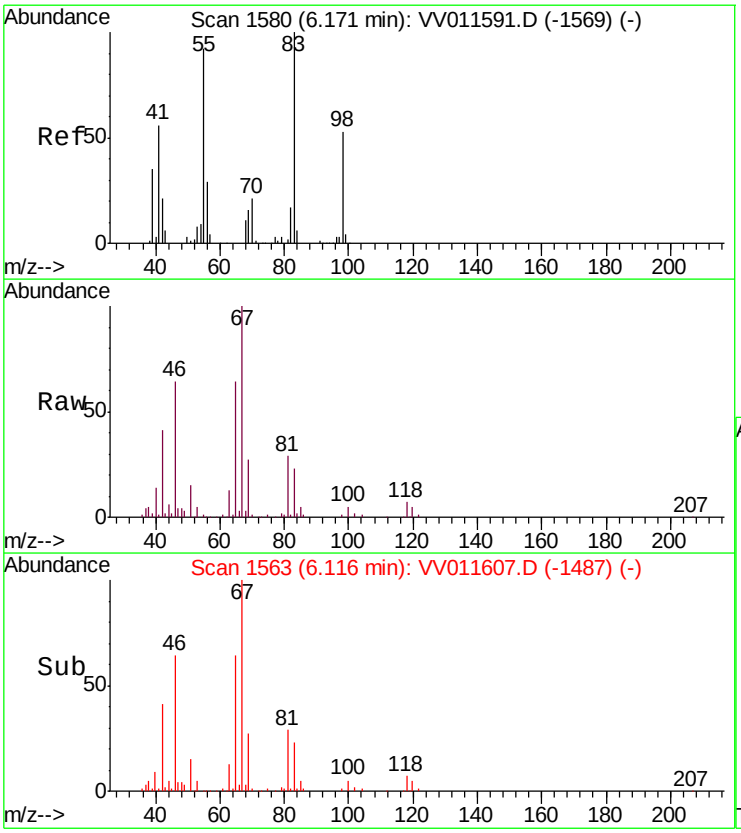
#34
Trichloroethene
Concen: 2.049 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Instrument :
MSVOA_V
ClientSampleId :
BFCK8

Tgt Ion: 95 Resp: 24572

Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.4	82.4
132	91.8	63.5	117.9
130	98.6	68.5	127.3

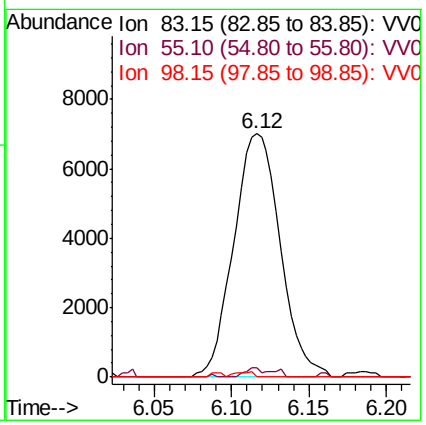


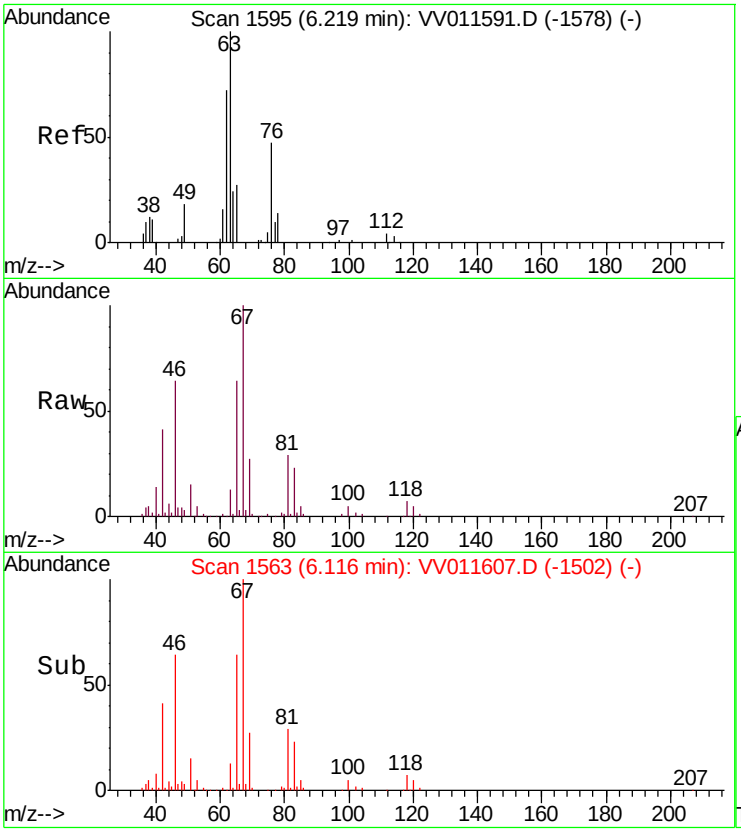


#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Tgt Ion: 83 Resp: 14666

Ion	Ratio	Lower	Upper
83	100		
55	1.5	67.9	101.9#
98	0.8	39.6	59.4#



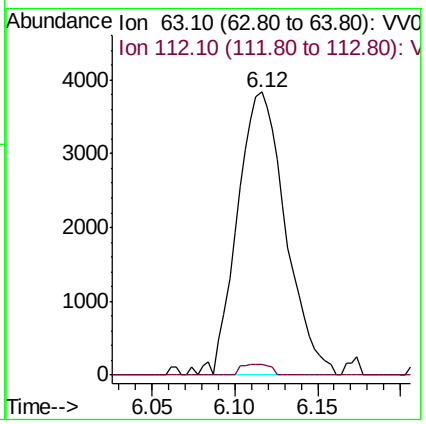


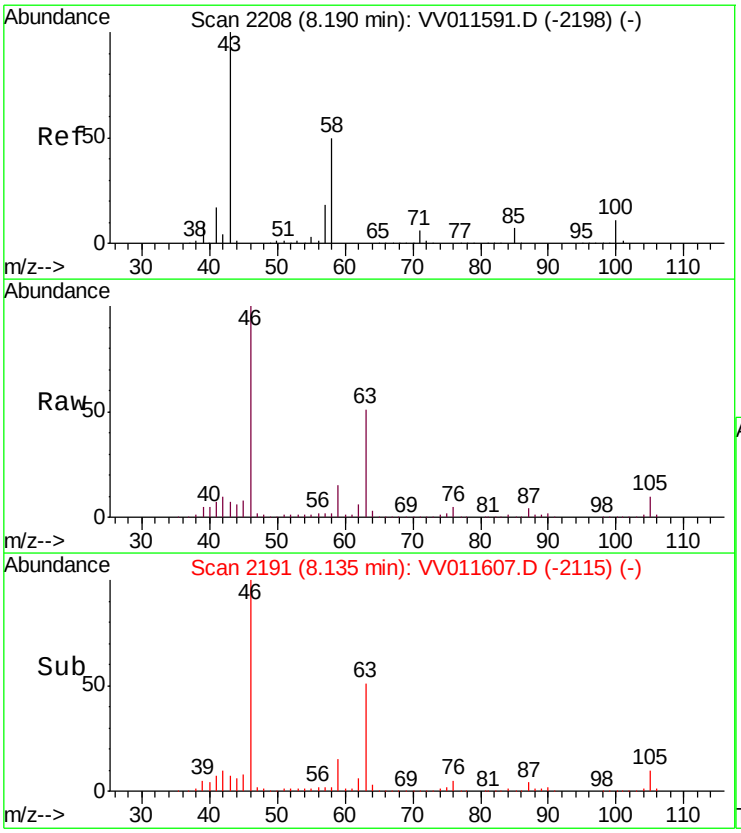
#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Instrument : MSVOA_V
ClientSampleId : BFCK8

Tgt Ion: 63 Resp: 7771

Ion	Ratio	Lower	Upper
63	100		
112	2.2	3.7	5.5#





#48
2-Hexanone
Concen: 2.665 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011607.D
Acq: 19 Jun 2019 06:21

Tgt Ion: 43 Resp: 16718

Ion	Ratio	Lower	Upper
43	100		
58	32.1	40.6	60.8#
57	29.6	14.2	21.4#
100	2.1	8.6	12.8#