Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Quantitation Report (Not Reviewed)

Data File : VV013228.D
Acq On : 19 Oct 2019 02:51
Operator : SY/MD
Sample : K5457-12
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K17

Quant Time: Oct 19 06:40:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	413869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	445639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	228716	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	208971	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.58	69	166845	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.13	63	265812	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	3.96	46	535686	61.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.14%			
24) Chloroform-d	4.40	84	407290	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.08	65	207000	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.09	84	827579	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	257465	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.36	98	681586	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.66	79	83873	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.14	63	371785	51.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	188323	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	266042	5.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.80%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	5875	0.118	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2999	0.086	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	53927	1.622	ug/L #	26
17) Methyl tert-butyl Ether	2.81	73	10728	0.120	ug/L	98
19) 1,1-Dichloroethane	3.23	63	13578	0.172	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	323711	7.225	ug/L #	96
27) 1,2-Dichloroethane	5.09	62	5255	0.115	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	20341	0.296	ug/L	97
34) Trichloroethene	5.96	95	126215	2.712	ug/L	94
35) Methylcyclohexane	6.12	83	59680	0.836	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	27237	0.615	ug/L #	87
47) Tetrachloroethene	8.02	164	10334	0.254	ug/L	94
48) 2-Hexanone	8.14	43	58620	3.390	ug/L #	83
49) Dibromochloromethane	8.02	129	8374	0.230	ug/L #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Quantitation Report (Not Reviewed)

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Instrument : MSVOA_V
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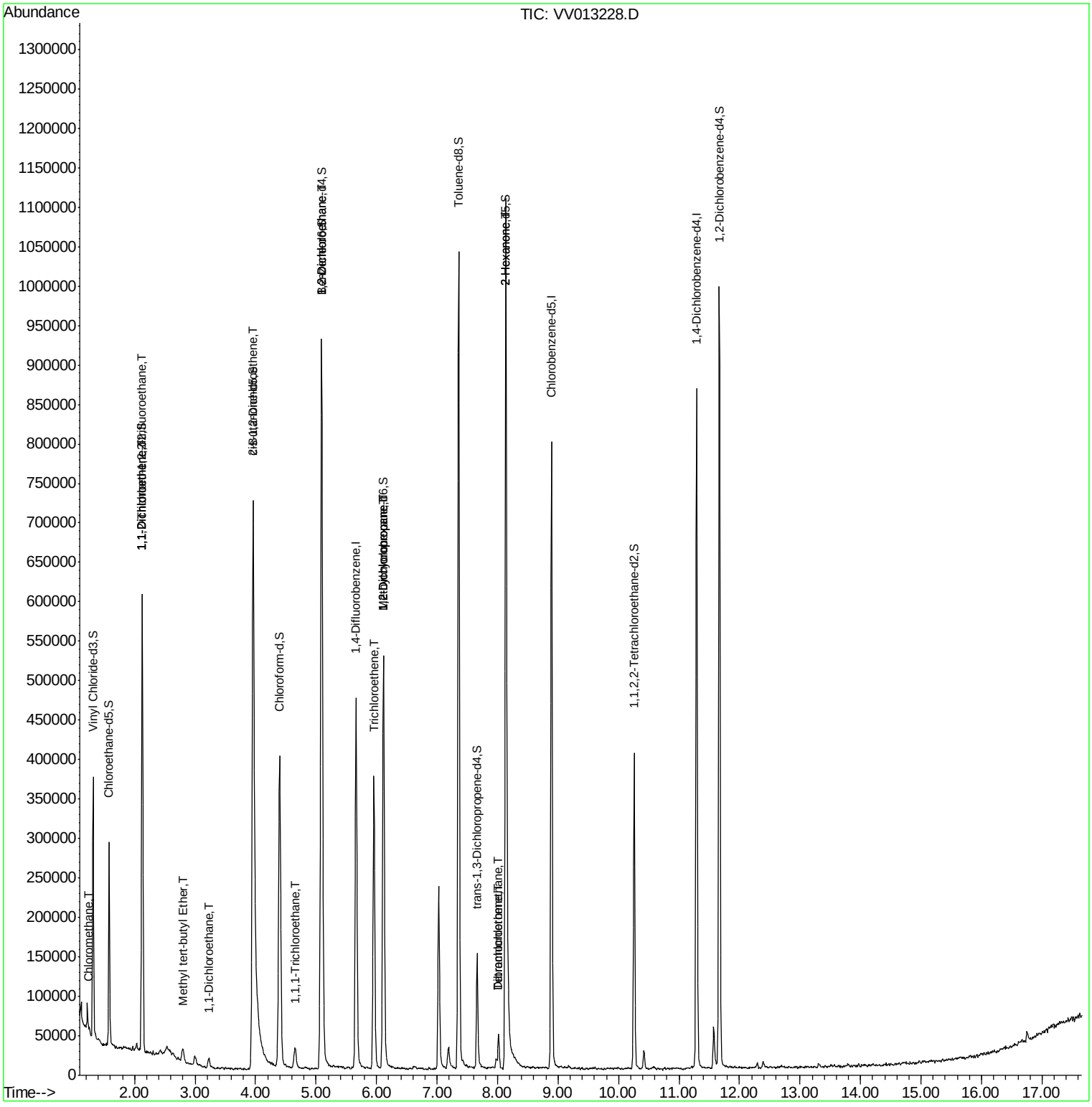
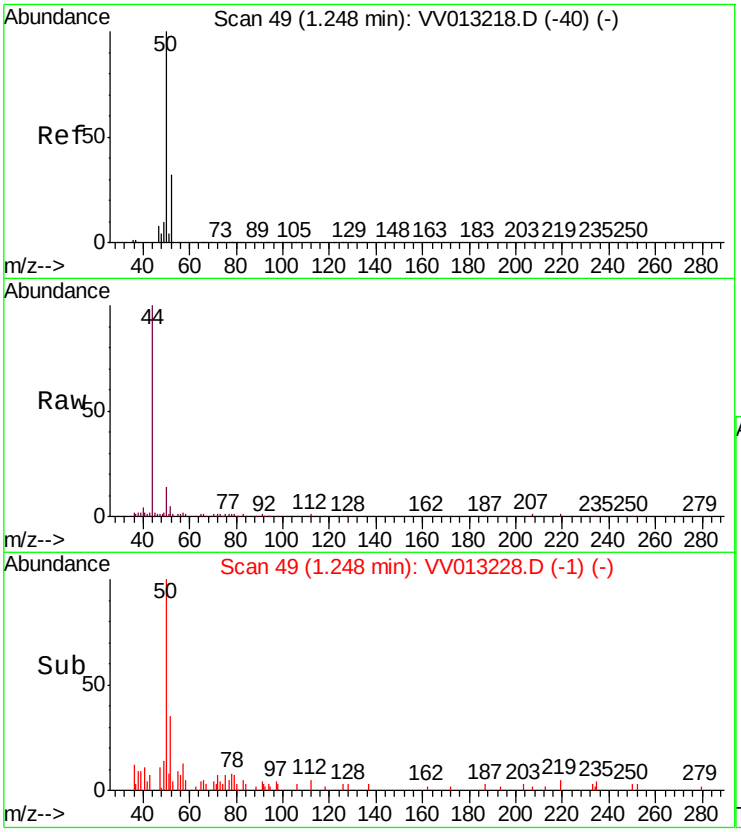
Quant Time: Oct 19 06:40:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration



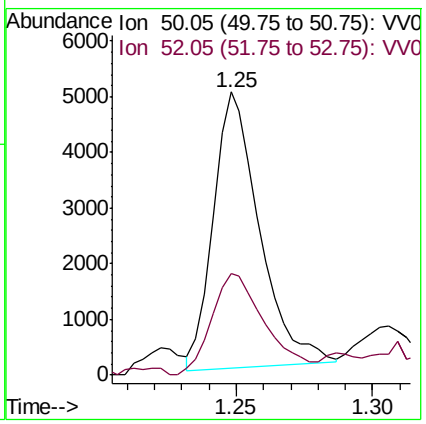


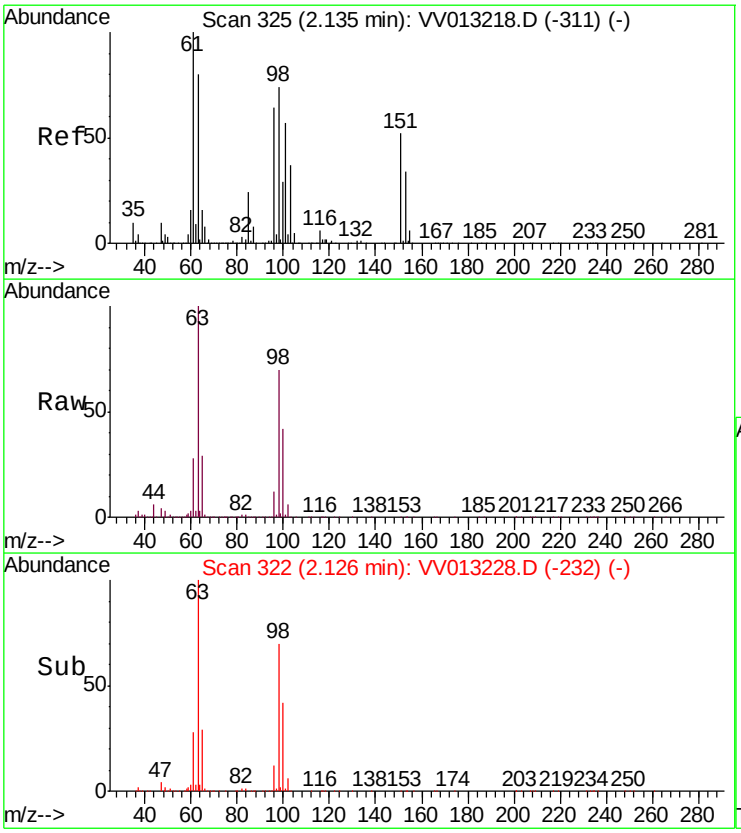
#3
Chloromethane
Concen: 0.118 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Instrument :
MSVOA_V
ClientSampleId :
C0K17

Tgt Ion: 50 Resp: 5875

Ion	Ratio	Lower	Upper
50	100		
52	35.9	23.0	42.8

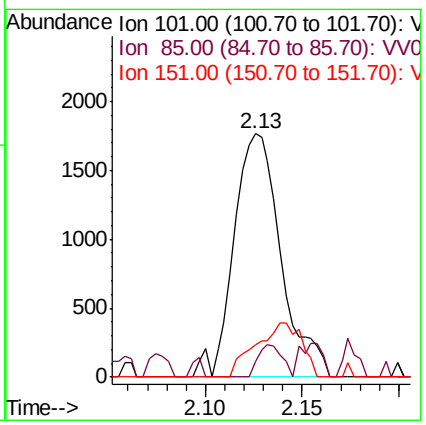


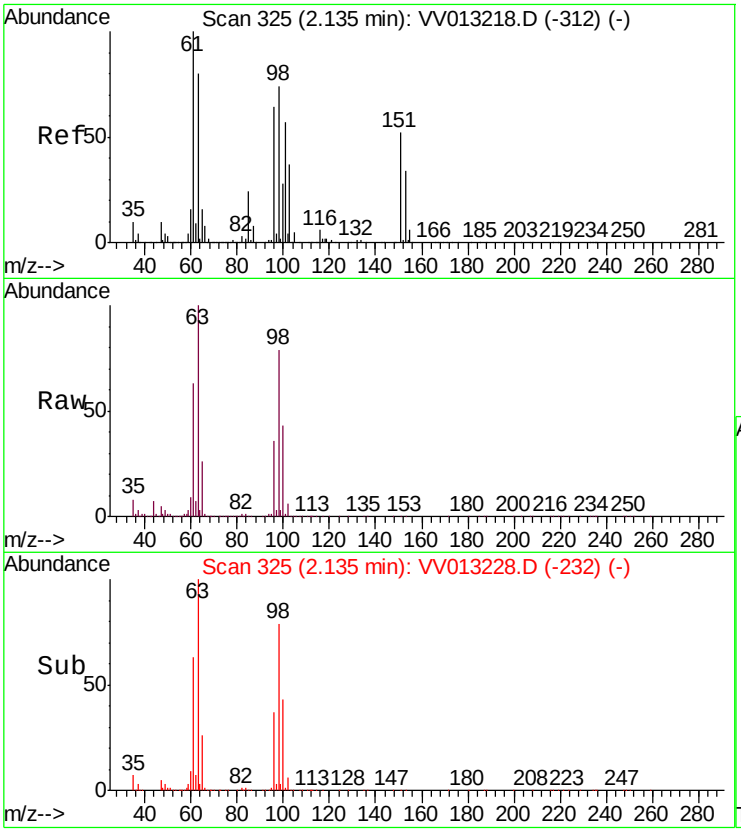


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion:101 Resp: 2999

Ion	Ratio	Lower	Upper
101	100		
85	6.7	32.4	48.6#
151	0.0	71.9	107.9#



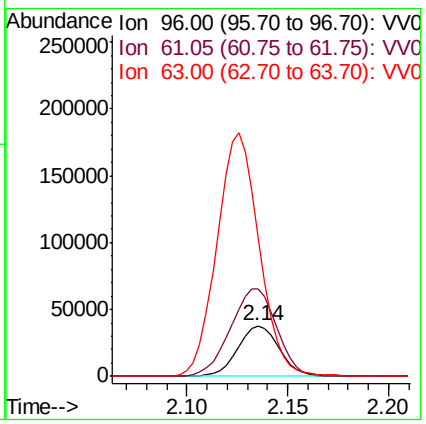


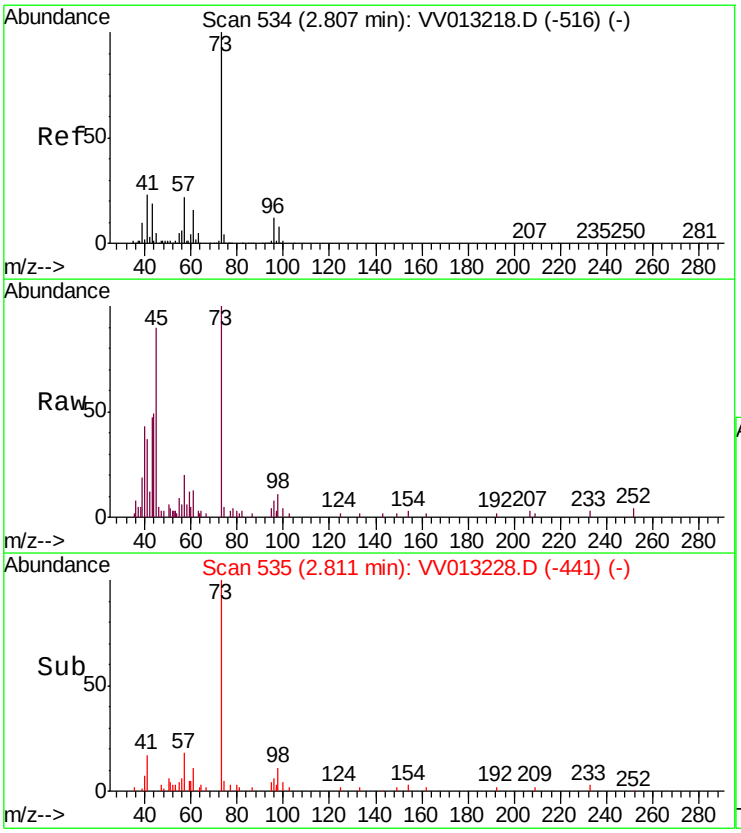
#12
1,1-Dichloroethene
Concen: 1.622 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Instrument :
MSVOA_V
ClientSampleId :
C0K17

Tgt Ion: 96 Resp: 53927

Ion	Ratio	Lower	Upper
96	100		
61	172.5	109.8	204.0
63	274.1	72.6	134.8#

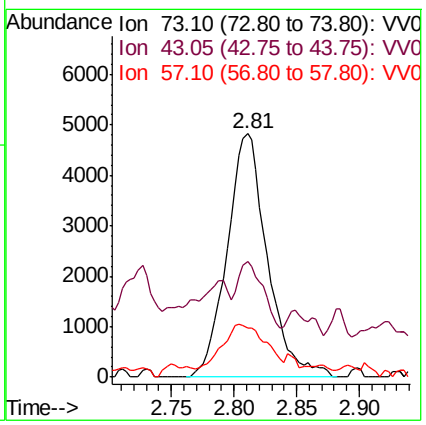


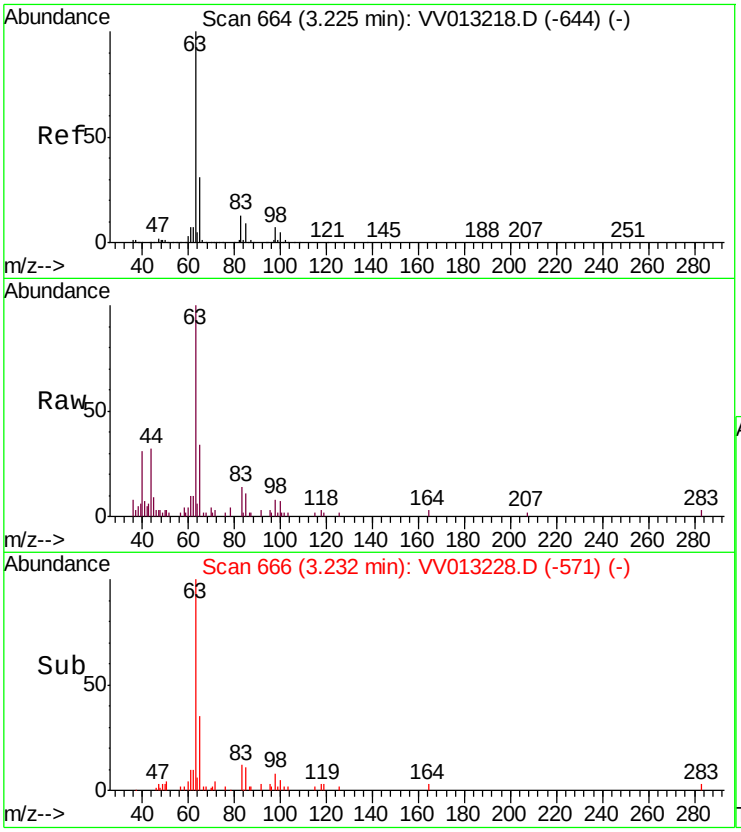


#17
Methyl tert-butyl Ether
Concen: 0.120 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 73 Resp: 10728

Ion	Ratio	Lower	Upper
73	100		
43	17.0	14.6	22.0
57	22.7	17.8	26.8



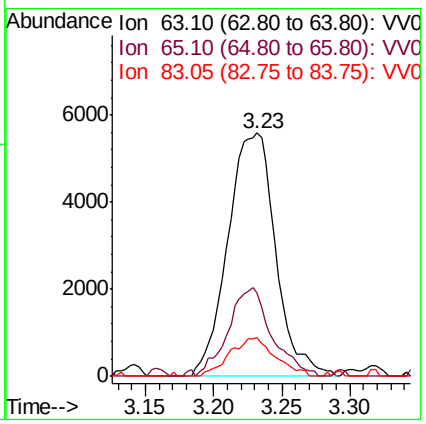


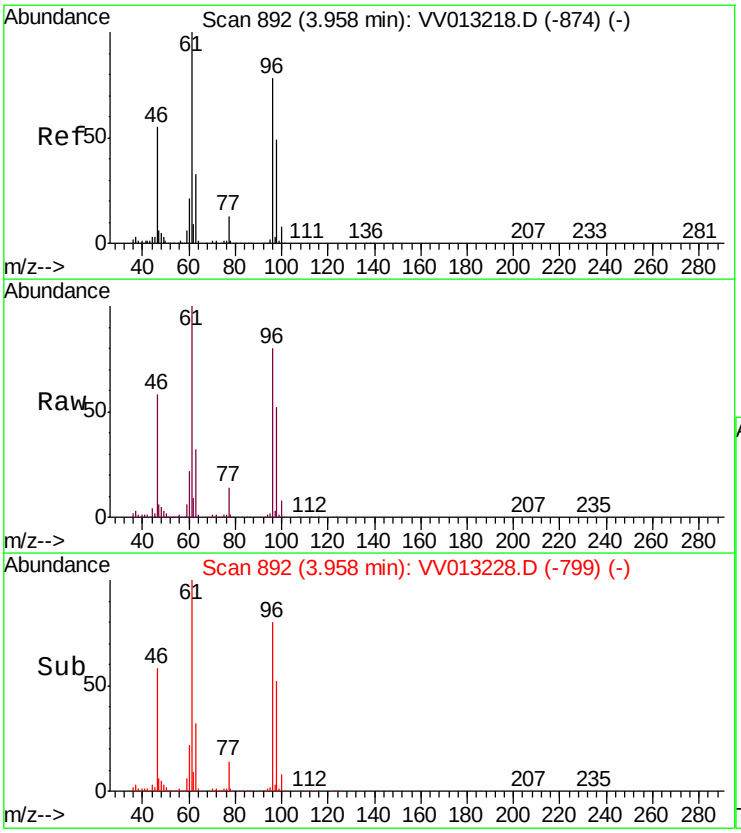
#19
1,1-Dichloroethane
Concen: 0.172 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Instrument : MSVOA_V
ClientSampleId : C0K17

Tgt Ion: 63 Resp: 13578

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.5	41.7
83	15.9	9.5	17.7

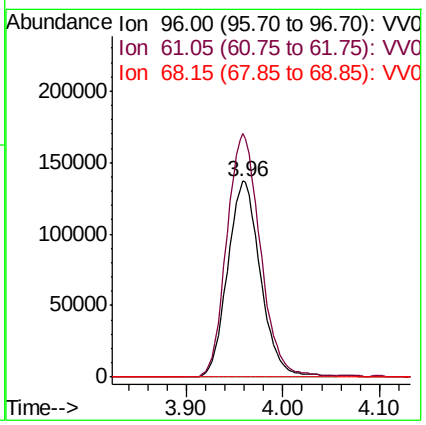


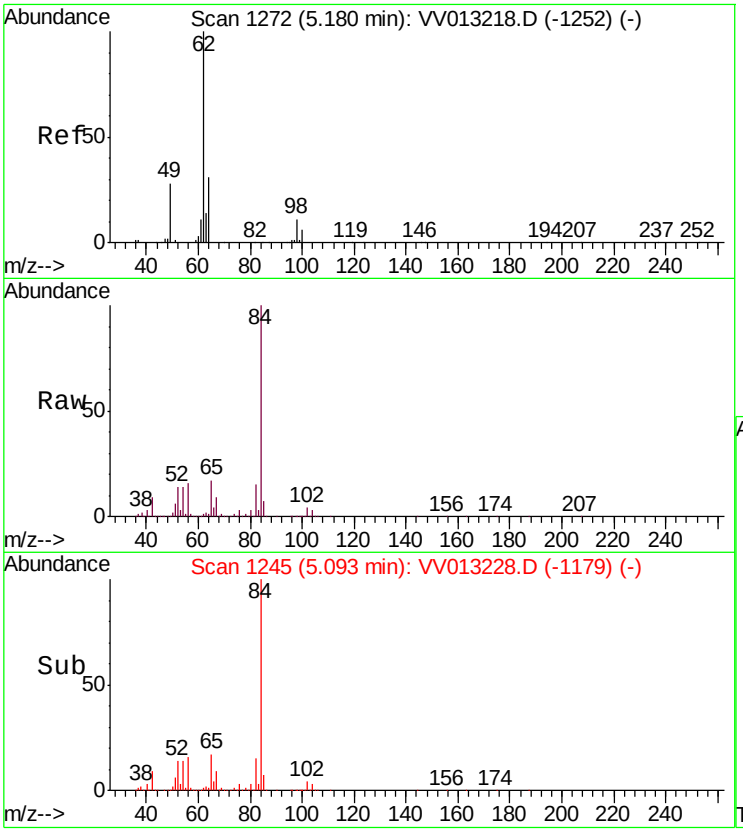


#22
cis-1,2-Dichloroethene
Concen: 7.225 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 96 Resp: 323711

Ion	Ratio	Lower	Upper
96	100		
61	124.4	90.6	168.2
68	0.0	0.1	0.1#



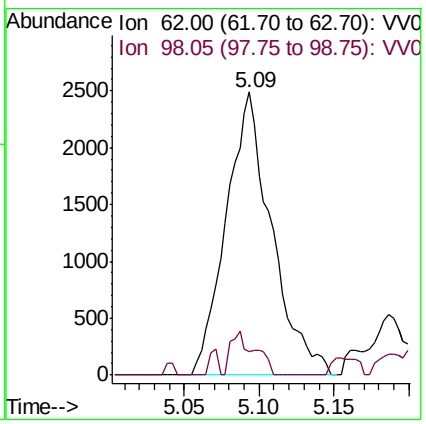


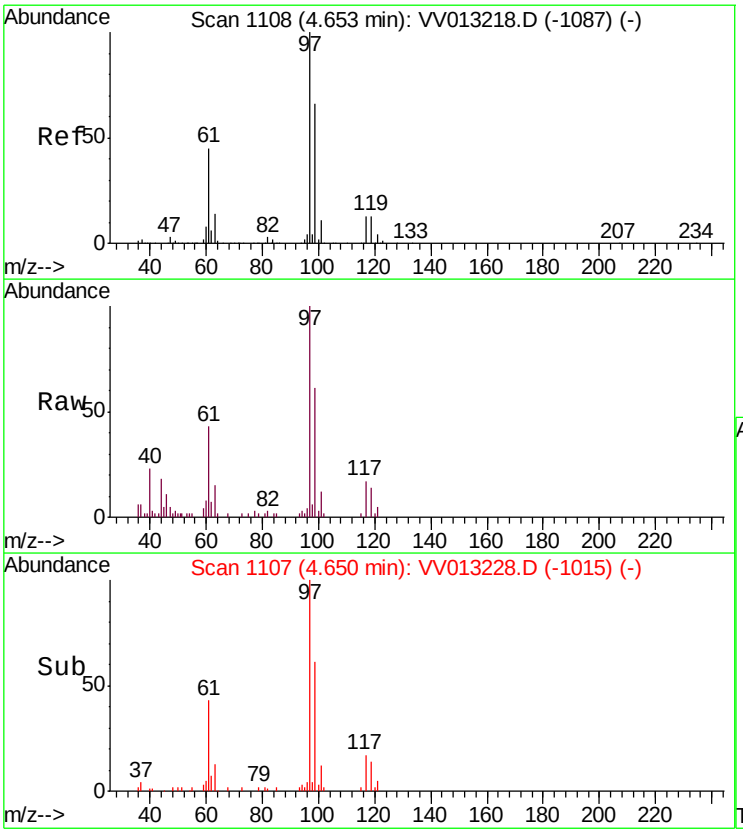
#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Instrument :
MSVOA_V
ClientSampleId :
C0K17

Tgt Ion: 62 Resp: 5255

Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.4	11.2

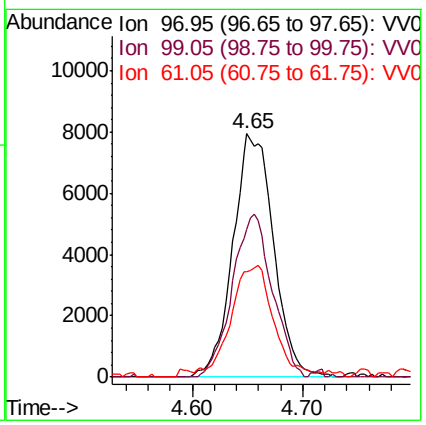


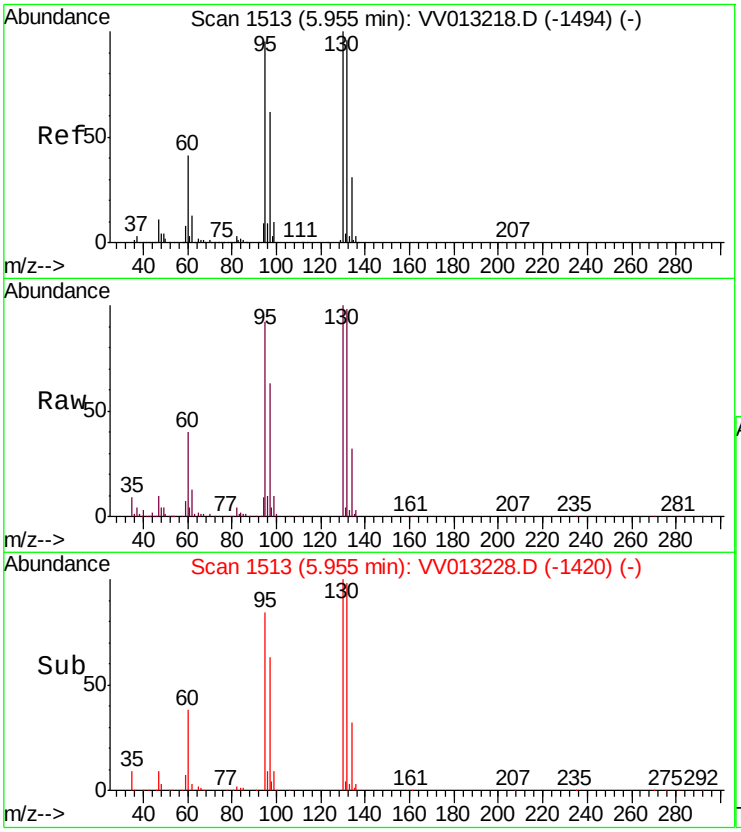


#29
1,1,1-Trichloroethane
Concen: 0.296 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 97 Resp: 20341

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.2	76.8
61	48.4	37.0	55.4



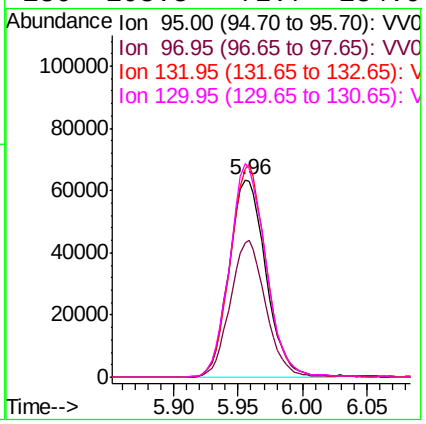


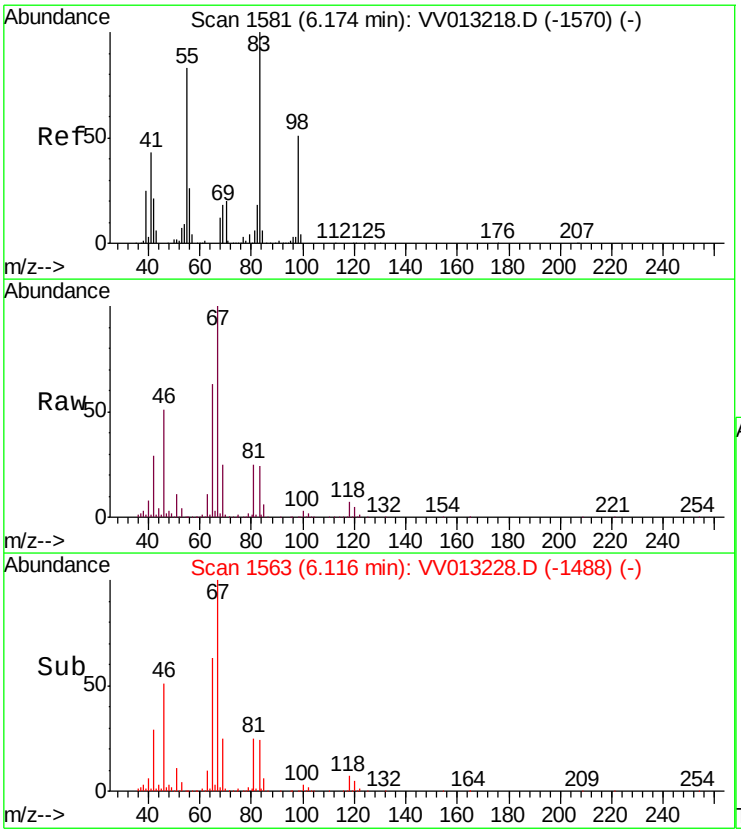
#34
Trichloroethene
Concen: 2.712 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Instrument :
MSVOA_V
ClientSampleId :
C0K17

Tgt Ion: 95 Resp: 126215

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.7	82.9
132	105.7	68.9	127.9
130	108.3	72.7	134.9





#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013228.D
Acq: 19 Oct 2019 02:51

Tgt Ion: 83 Resp: 59680

Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.0	96.0#
98	1.9	38.6	57.8#