Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031719\

Quantitation Report (Not Reviewed)

Data File : VV009736.D
Acq On : 16 Mar 2019 18:27
Operator : SY/MD
Sample : K1936-11 50X
Misc : 5.84G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0W9

Quant Time: Mar 18 07:45:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133351	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130953	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51697	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45861	51.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.02%			
7) Chloroethane-d5	1.55	69	35570	53.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.24%			
11) 1,1-Dichloroethene-d2	2.12	63	74883	39.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.22%			
21) 2-Butanone-d5	3.93	46	58168	108.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.61%			
24) Chloroform-d	4.40	84	79860	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.70%			
26) 1,2-Dichloroethane-d4	5.08	65	51529	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.80%			
32) Benzene-d6	5.10	84	173521	50.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.42%			
36) 1,2-Dichloropropane-d6	6.12	67	53944	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.56%			
41) Toluene-d8	7.36	98	167626	50.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.82%			
43) trans-1,3-Dichloropropene-	7.67	79	23552	47.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.60%			
47) 2-Hexanone-d5	8.14	63	43632	102.90	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.90%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	76933	48.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.36%			
64) 1,2-Dichlorobenzene-d4	11.68	152	56621	54.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.26%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	694	0.419	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	694	0.757	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	904	1.137	ug/L #	1
37) 1,2-Dichloropropane	6.12	63	5993	6.575	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1275	0.967	ug/L	99
45) 1,1,2-Trichloroethane	8.02	97	986	1.046	ug/L #	2
46) Tetrachloroethene	8.02	164	111523	143.402	ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	6664	5.557	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031719\

Quantitation Report (Not Reviewed)

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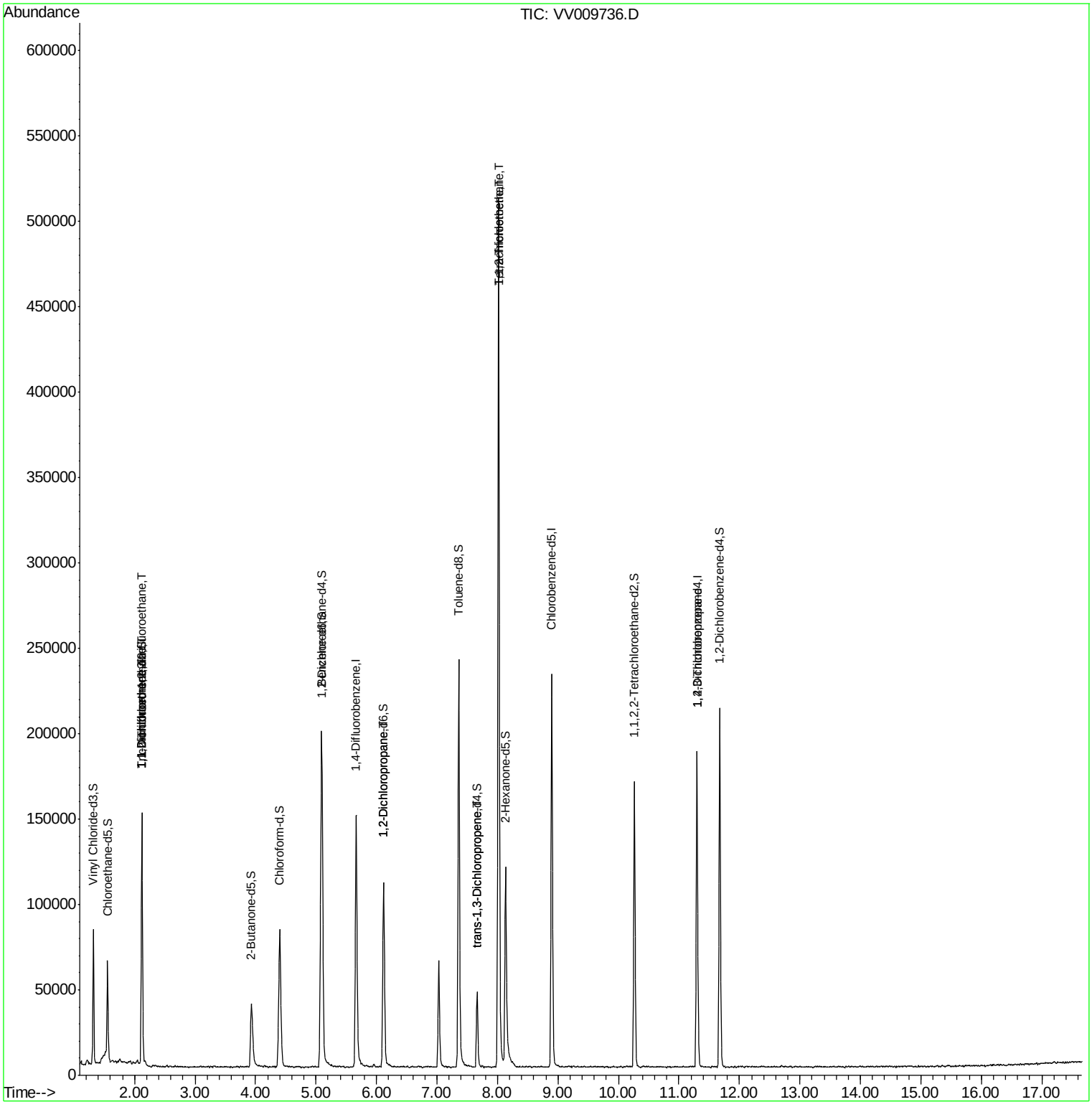
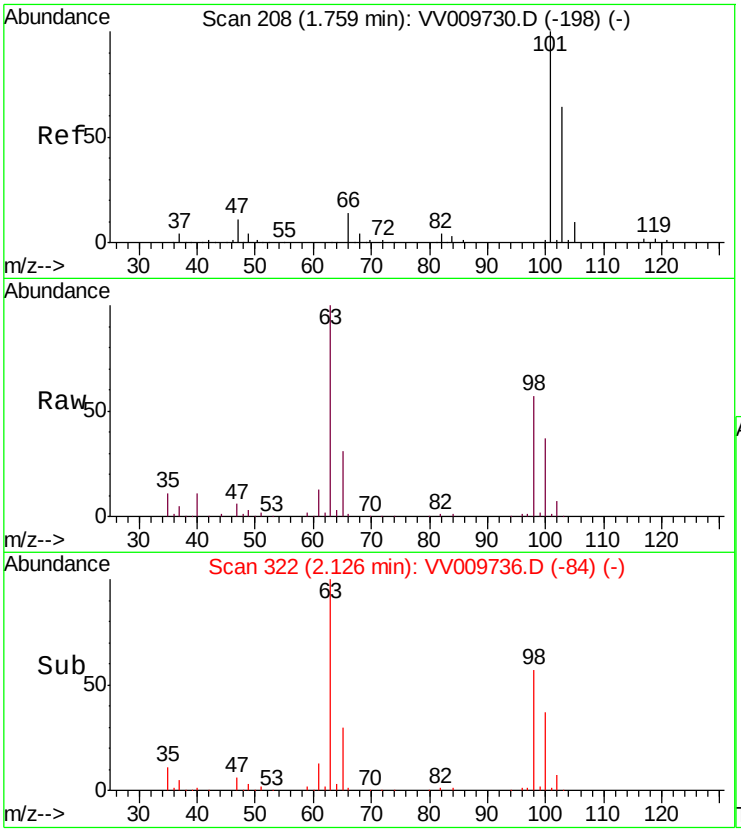
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0W9

Quant Time: Mar 18 07:45:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration



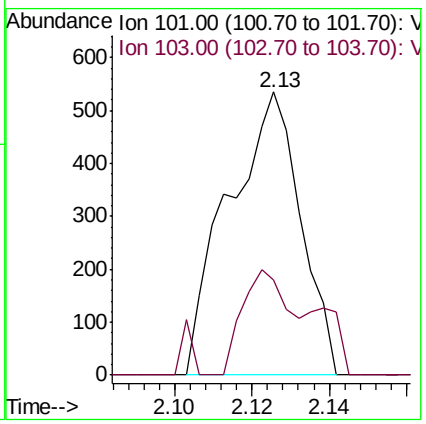


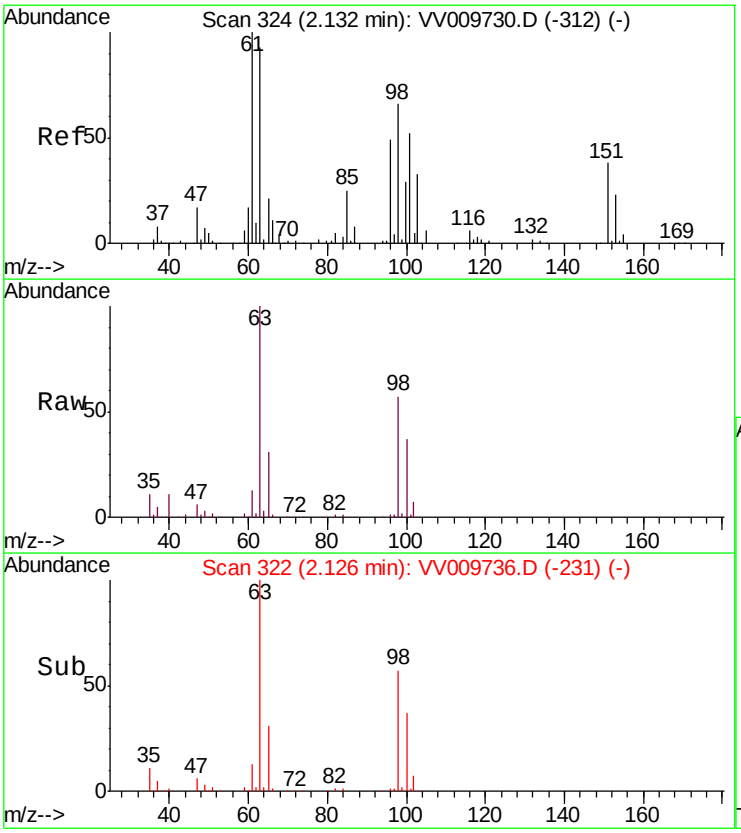
#9
Trichlorofluoromethane
Concen: 0.419 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.37 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Instrument :
MSVOA_V
ClientSampleId :
BF0W9

Tgt Ion:101 Resp: 694

Ion	Ratio	Lower	Upper
101	100		
103	24.2	52.3	78.5#

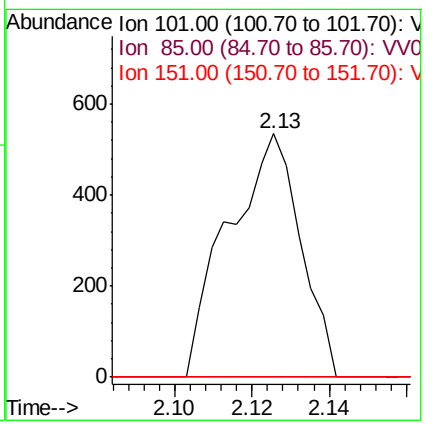


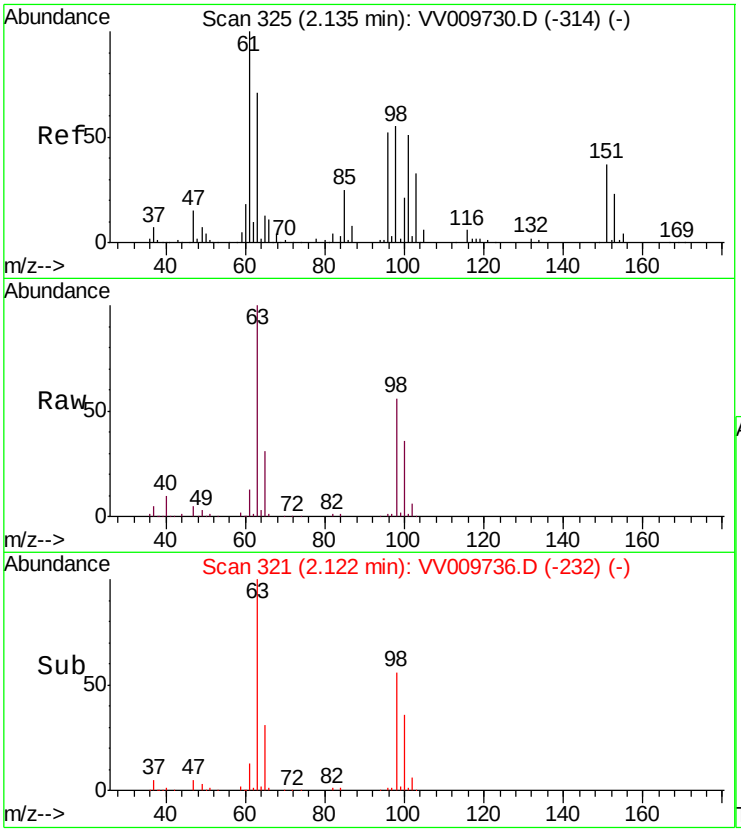


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.757 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Tgt Ion:101 Resp: 694

Ion	Ratio	Lower	Upper
101	100		
85	0.0	38.5	57.7#
151	0.0	58.9	88.3#



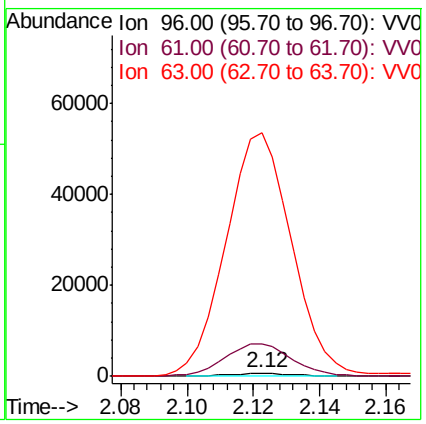


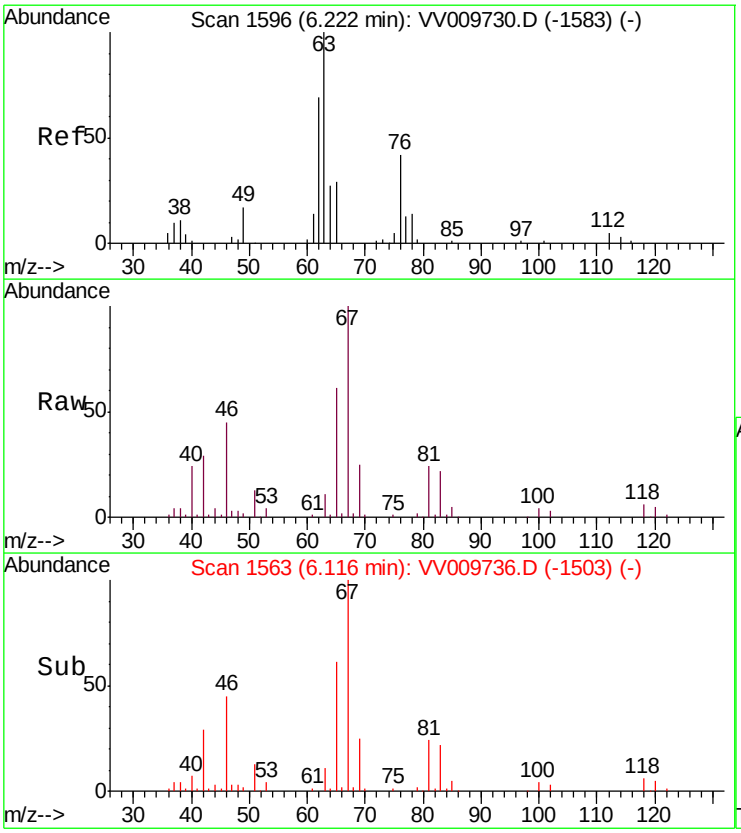
#12
1,1-Dichloroethene
Concen: 1.137 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Instrument : MSVOA_V
ClientSampleId : BF0W9

Tgt Ion: 96 Resp: 904

Ion	Ratio	Lower	Upper
96	100		
61	1053.7	135.5	251.7#
63	7862.6	100.2	186.2#

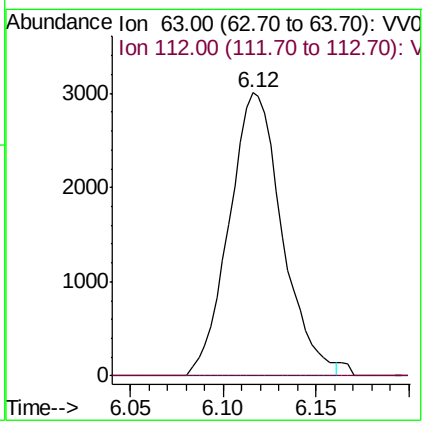


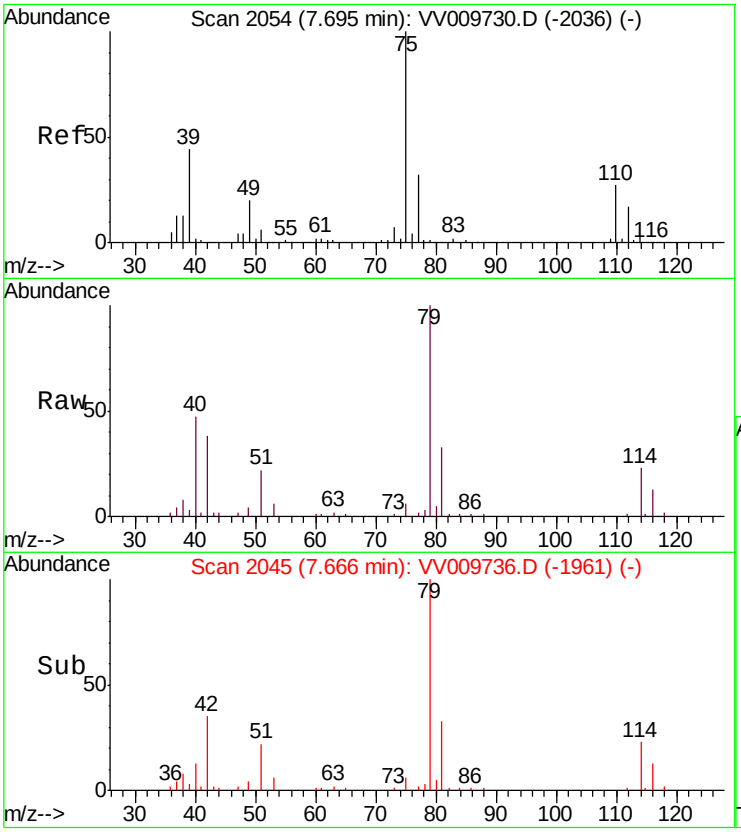


#37
1,2-Dichloropropane
Concen: 6.575 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Tgt Ion: 63 Resp: 5993

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



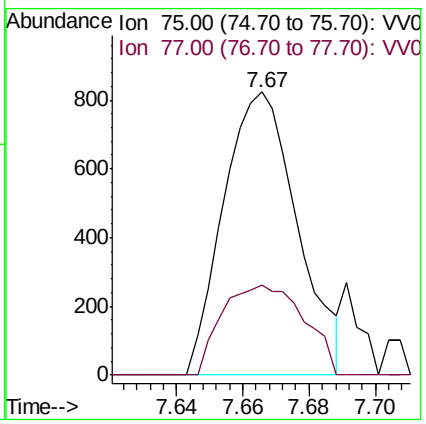


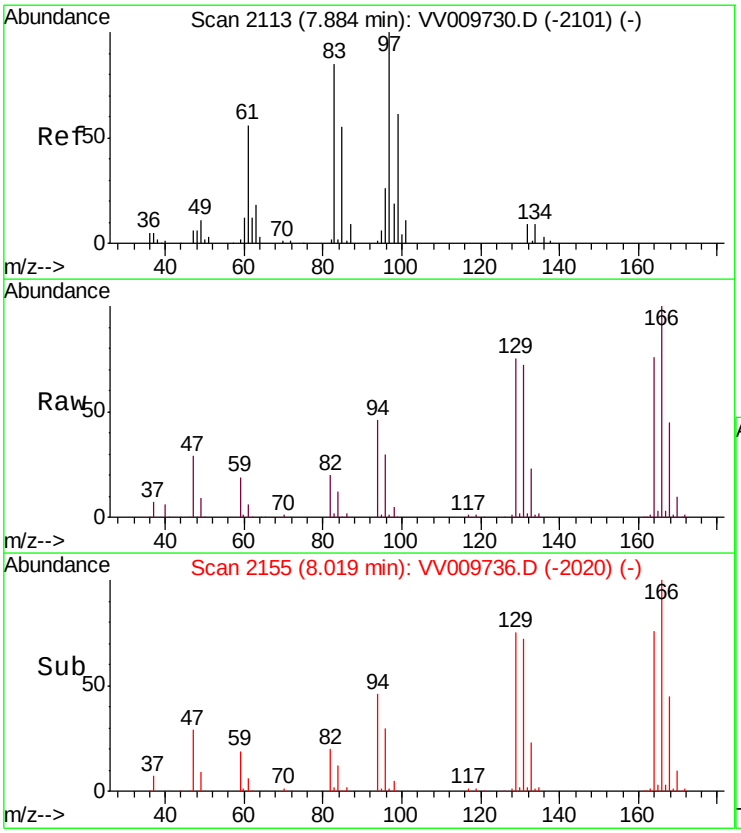
#44
trans-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Instrument : MSVOA_V
ClientSampleId : BF0W9

Tgt Ion: 75 Resp: 1275

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.5	41.7

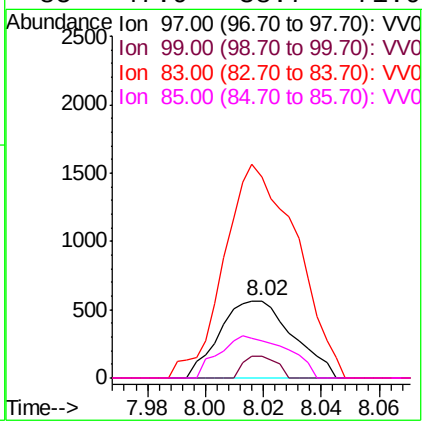


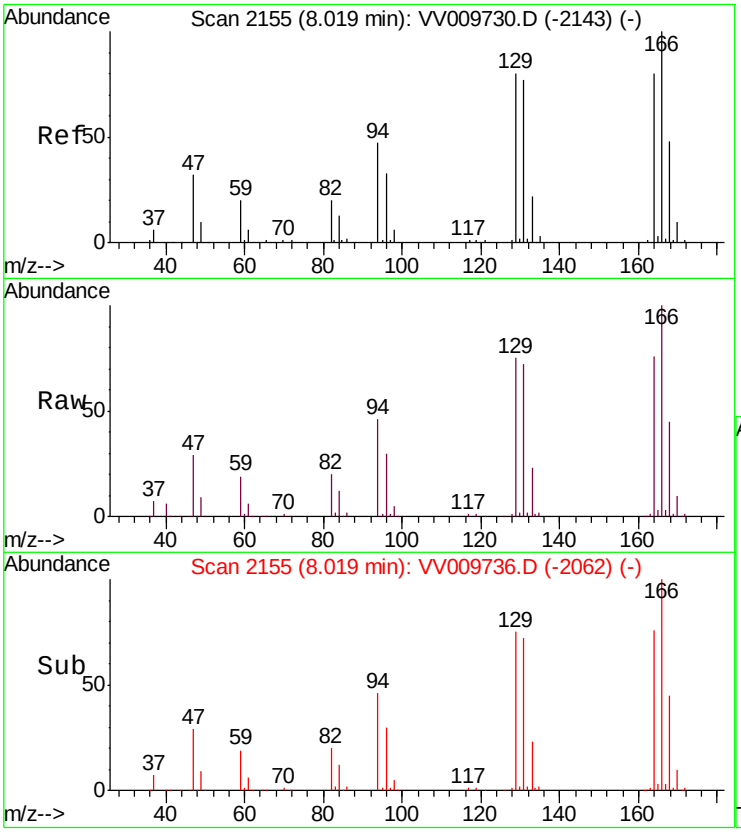


#45
1,1,2-Trichloroethane
Concen: 1.046 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.13 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Tgt Ion: 97 Resp: 986

Ion	Ratio	Lower	Upper
97	100		
99	27.5	42.8	79.6#
83	261.3	59.7	110.9#
85	47.9	38.7	71.9



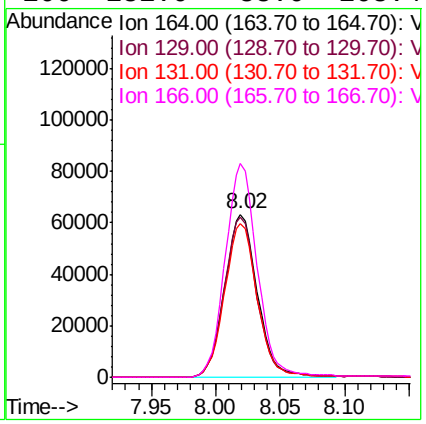


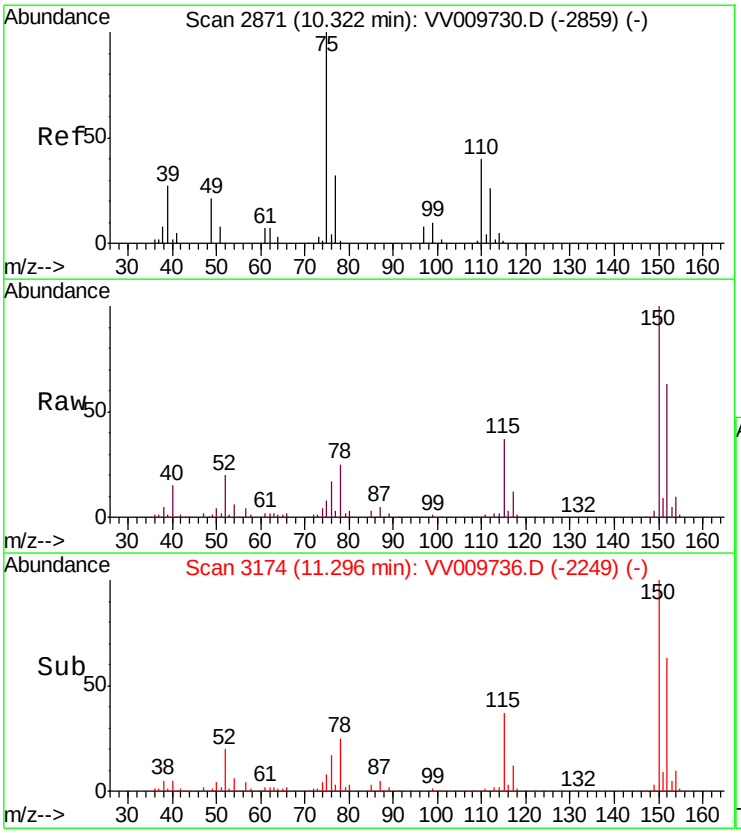
#46
Tetrachloroethene
Concen: 143.402 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Instrument : MSVOA_V
ClientSampleId : BF0W9

Tgt Ion:164 Resp: 111523

Ion	Ratio	Lower	Upper
164	100		
129	98.5	70.0	130.0
131	94.6	67.5	125.4
166	131.0	88.0	163.4





#59
1,2,3-Trichloropropane
Concen: 5.557 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009736.D
Acq: 16 Mar 2019 18:27

Tgt Ion: 75 Resp: 6664

Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.2	39.4