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

Quantitation Report (Not Reviewed)

Data File : VV009745.D
Acq On : 16 Mar 2019 22:06
Operator : SY/MD
Sample : K1949-13
Misc : 5.64G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0Z4

Quant Time: Mar 18 07:47:29 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	5.66	114	247052	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106615	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78640	47.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.42%			
7) Chloroethane-d5	1.55	69	38989	31.73	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 63.46%#			
11) 1,1-Dichloroethene-d2	2.10	63	138163	38.95	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.90%			
21) 2-Butanone-d5	3.95	46	101115	101.91	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.91%			
24) Chloroform-d	4.40	84	151824	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.22%			
26) 1,2-Dichloroethane-d4	5.08	65	95755	51.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.12%			
32) Benzene-d6	5.09	84	327036	52.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.86%			
36) 1,2-Dichloropropane-d6	6.12	67	98143	51.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.36%			
41) Toluene-d8	7.36	98	311734	51.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.88%			
43) trans-1,3-Dichloropropene-	7.67	79	45557	50.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.46%			
47) 2-Hexanone-d5	8.14	63	89643	115.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.98%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	148901	51.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.38%			
64) 1,2-Dichlorobenzene-d4	11.68	152	114907	53.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.52%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.09	101	1310	0.427	ug/L #	34
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1310	0.771	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	1104	0.750	ug/L #	1
39) cis-1,3-Dichloropropene	7.03	75	3485	1.373	ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	2532	1.054	ug/L	89
48) 2-Hexanone	8.14	43	10517	6.477	ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	12859	5.883	ug/L #	86

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

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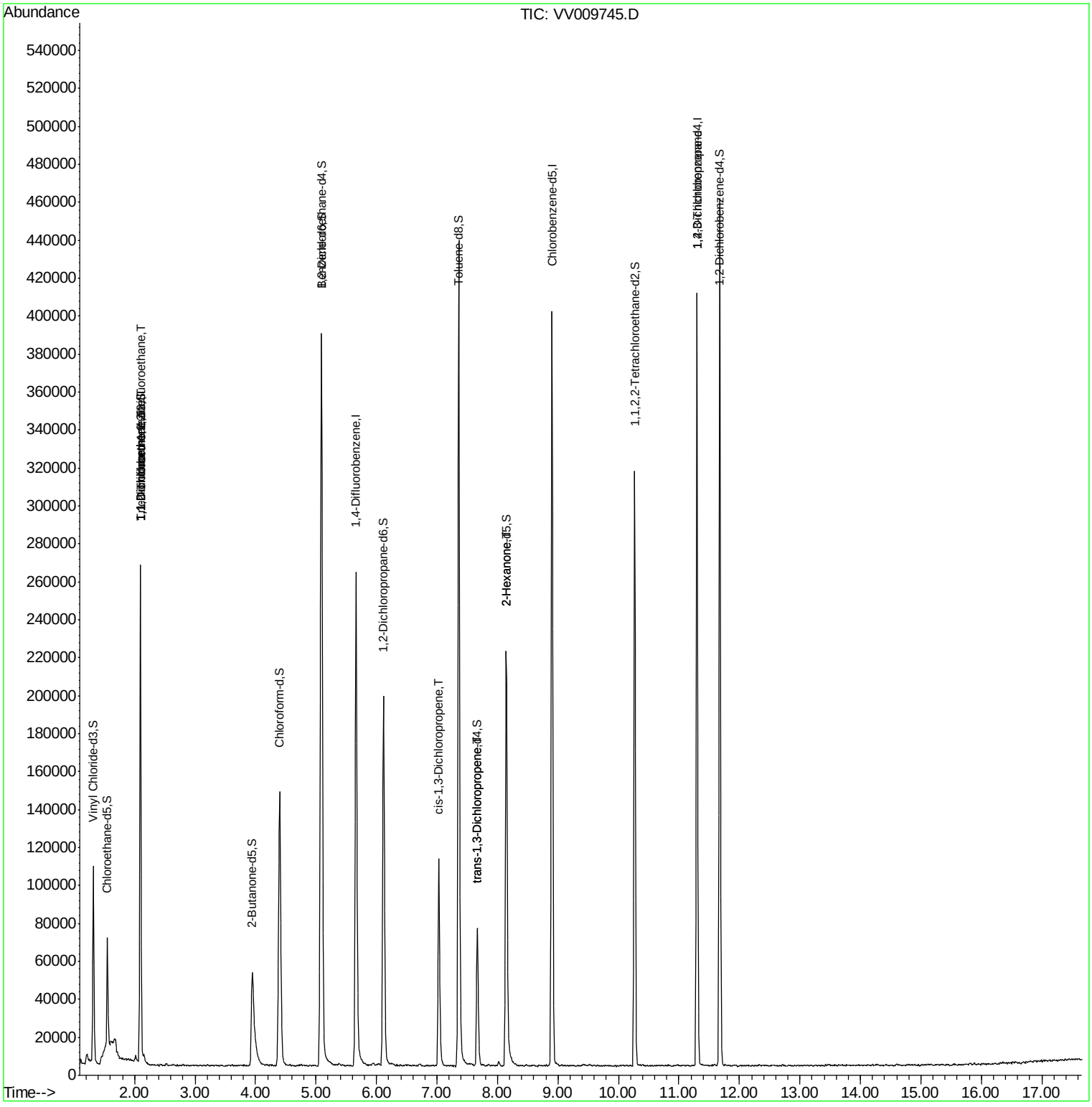
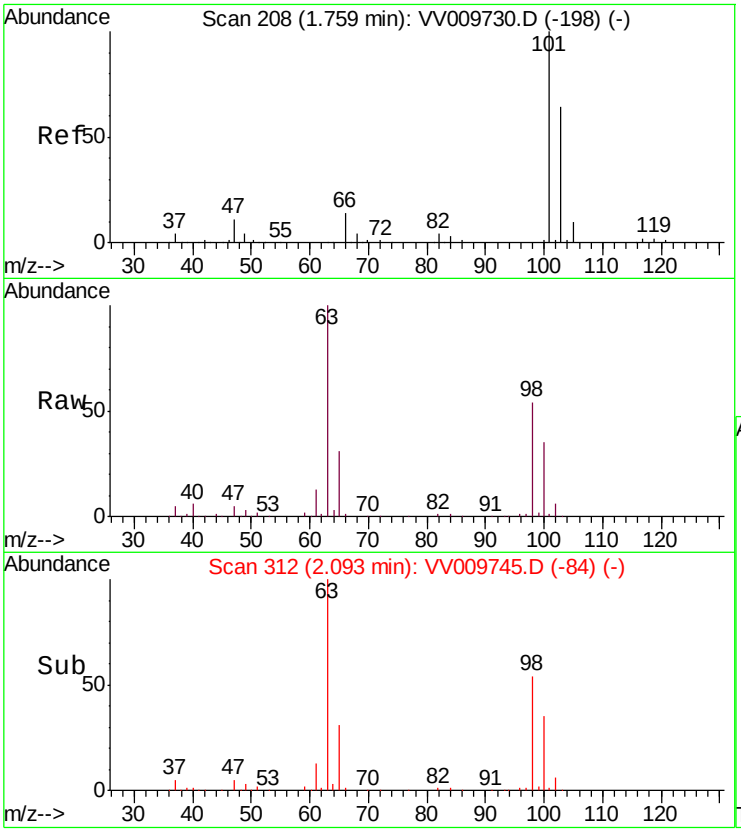
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration



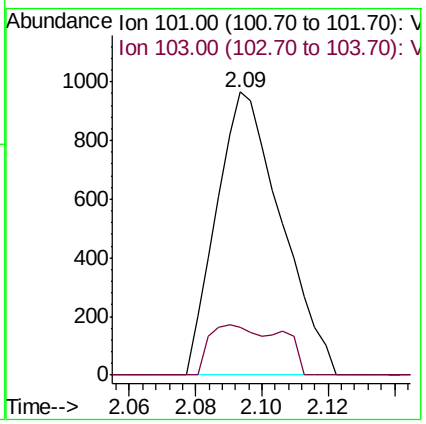


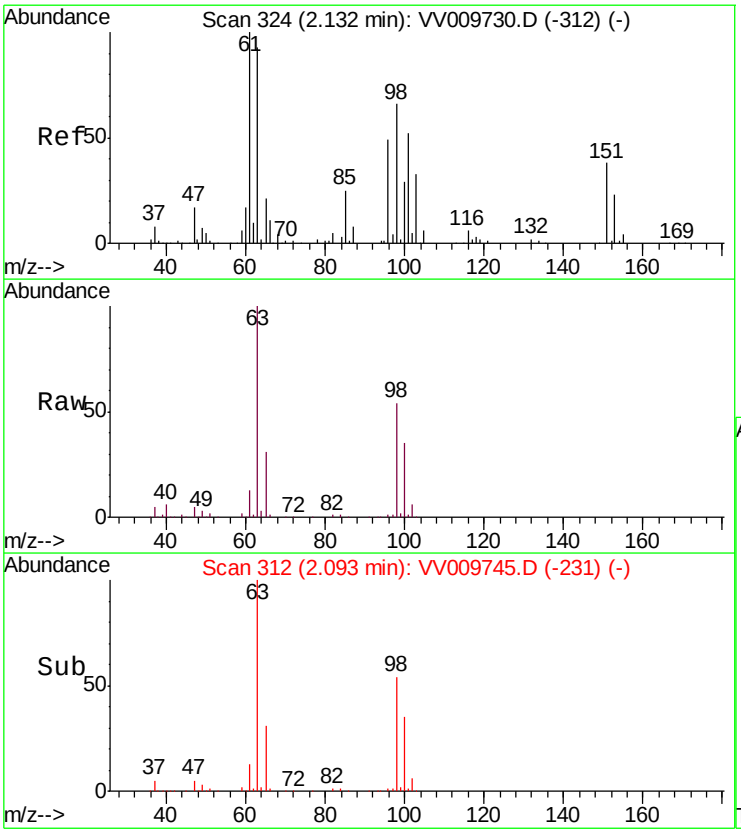
#9
Trichlorofluoromethane
Concen: 0.427 ug/L
RT: 2.09 min Scan# 312
Delta R.T. 0.33 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Instrument : MSVOA_V
ClientSampleId : BF0Z4

Tgt Ion:101 Resp: 1310

Ion	Ratio	Lower	Upper
101	100		
103	13.4	52.3	78.5#

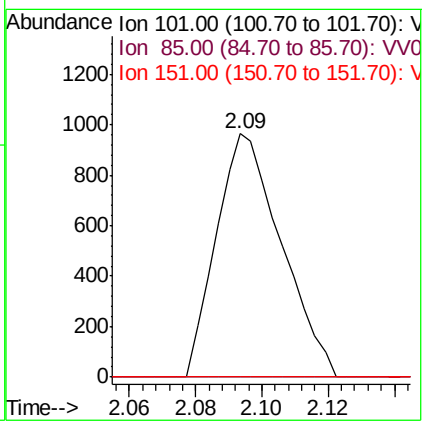


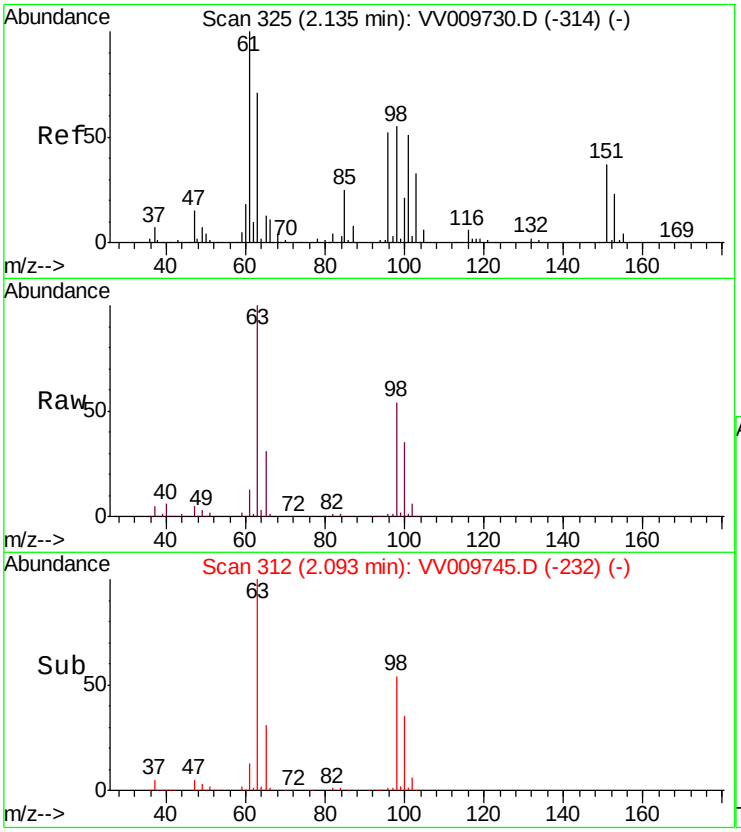


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.771 ug/L
RT: 2.09 min Scan# 312
Delta R.T. -0.04 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Tgt Ion:101 Resp: 1310

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



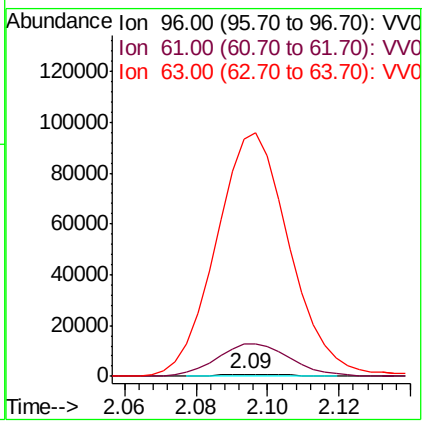


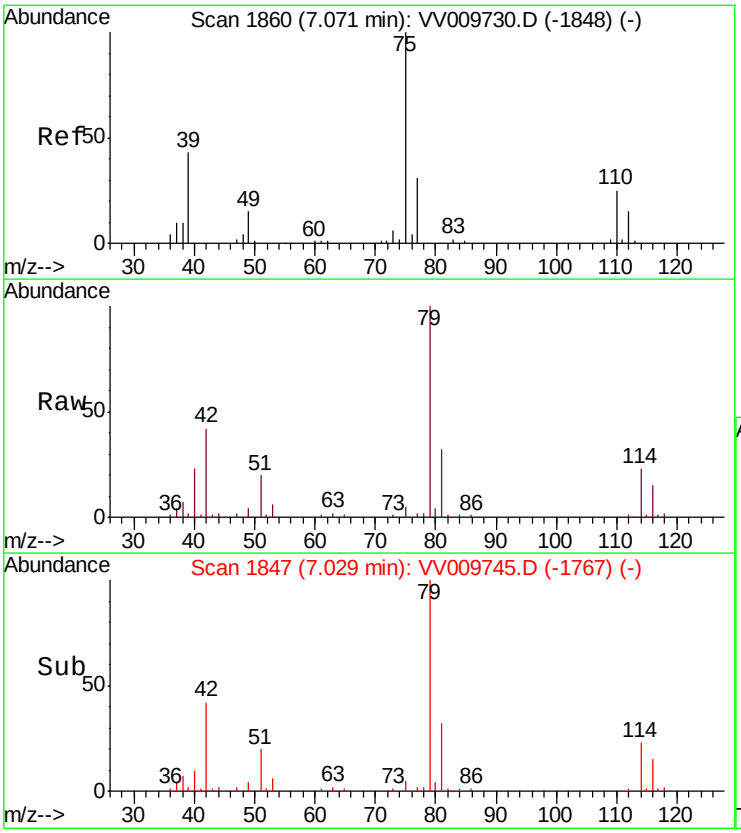
#12
1,1-Dichloroethene
Concen: 0.750 ug/L
RT: 2.09 min Scan# 312
Delta R.T. -0.04 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Instrument : MSVOA_V
ClientSampleId : BF0Z4

Tgt Ion: 96 Resp: 1104

Ion	Ratio	Lower	Upper
96	100		
61	1484.5	135.5	251.7#
63	10996.5	100.2	186.2#

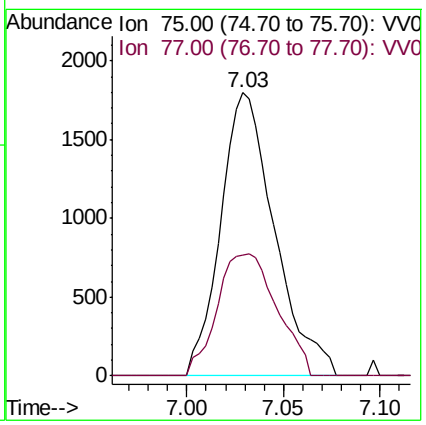


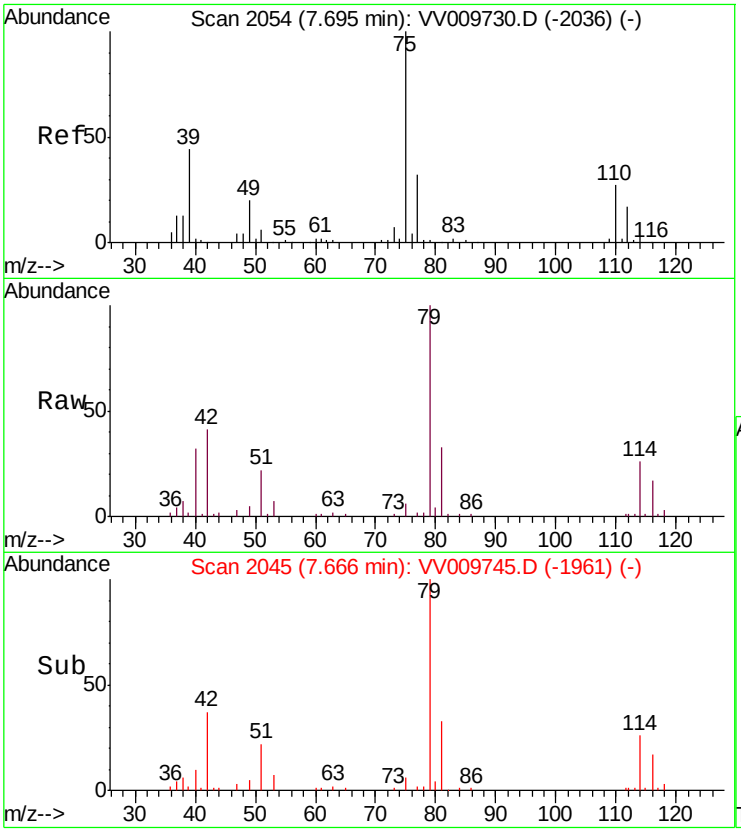


#39
cis-1,3-Dichloropropene
Concen: 1.373 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Tgt Ion: 75 Resp: 3485

Ion	Ratio	Lower	Upper
75	100		
77	42.6	22.4	41.6#



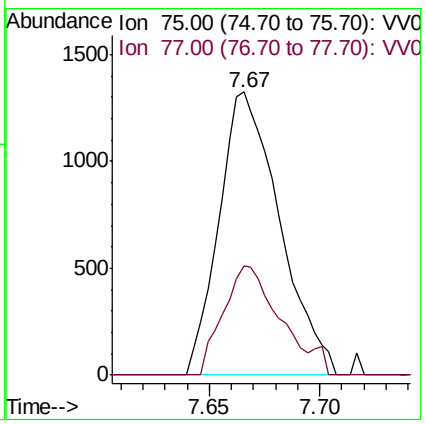


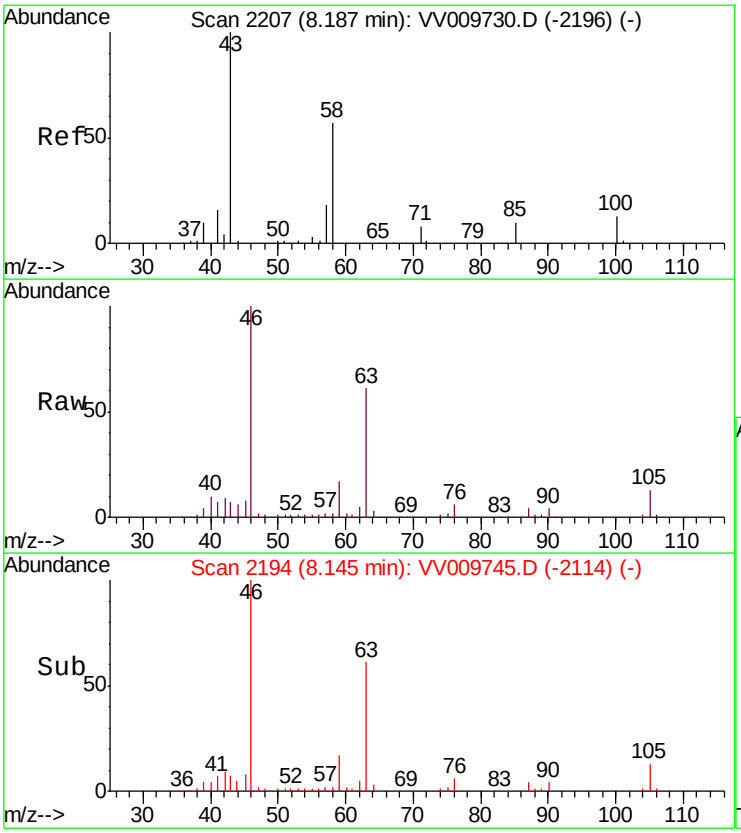
#44
trans-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Instrument :
MSVOA_V
ClientSampleId :
BF0Z4

Tgt Ion: 75 Resp: 2532

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.5	41.7

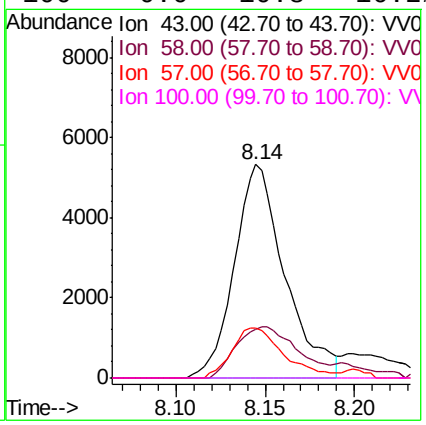


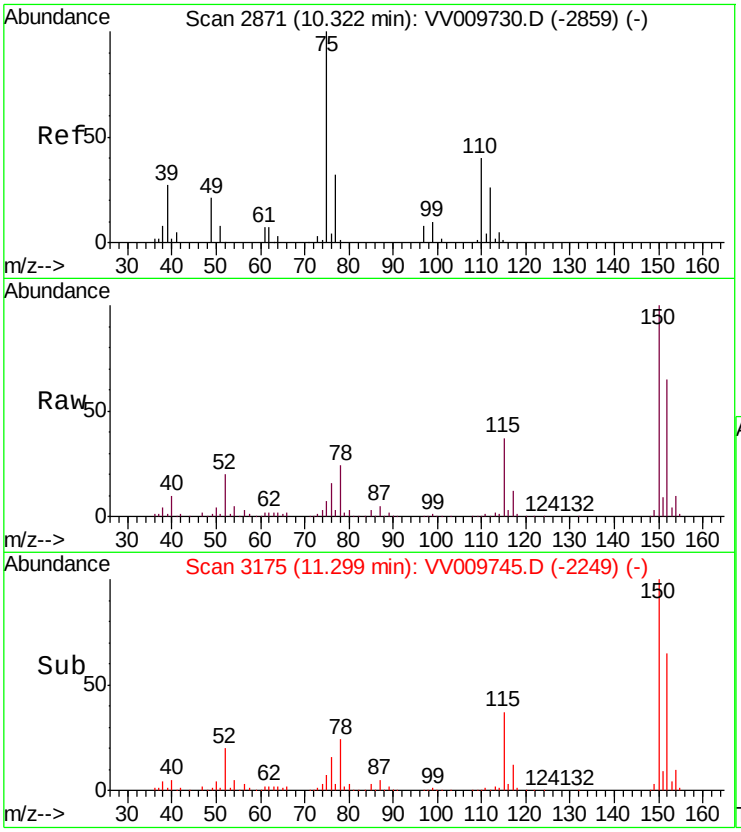


#48
2-Hexanone
Concen: 6.477 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Tgt Ion: 43 Resp: 10517

Ion	Ratio	Lower	Upper
43	100		
58	29.2	46.0	69.0#
57	24.0	14.8	22.2#
100	0.0	10.8	16.2#





#59
1,2,3-Trichloropropane
Concen: 5.883 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009745.D
Acq: 16 Mar 2019 22:06

Instrument :
MSVOA_V
ClientSampleId :
BF0Z4

Tgt Ion: 75 Resp: 12859

Ion	Ratio	Lower	Upper
75	100		
77	40.6	26.2	39.4#