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

Quantitation Report (Not Reviewed)

Data File : VV009746.D
Acq On : 16 Mar 2019 22:30
Operator : SY/MD
Sample : K1949-14
Misc : 5.18G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0Z5

Quant Time: Mar 18 07:47:38 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	145252	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58856	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47951	48.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.92%			
7) Chloroethane-d5	1.55	69	22213	30.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.48%#			
11) 1,1-Dichloroethene-d2	2.09	63	79577	38.16	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.32%			
21) 2-Butanone-d5	3.95	46	60491	103.70	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.70%			
24) Chloroform-d	4.40	84	86120	47.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.74%			
26) 1,2-Dichloroethane-d4	5.08	65	56203	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.94%			
32) Benzene-d6	5.09	84	189003	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.72%			
36) 1,2-Dichloropropane-d6	6.12	67	54905	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.10%			
41) Toluene-d8	7.36	98	179194	49.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.24%			
43) trans-1,3-Dichloropropene-	7.67	79	25060	46.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.76%			
47) 2-Hexanone-d5	8.15	63	50809	109.26	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.26%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81682	47.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.24%			
64) 1,2-Dichlorobenzene-d4	11.68	152	64004	53.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.48%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.10	101	676	0.374	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	676	0.677	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	690	0.797	ug/L #	1
16) Methylene chloride	2.52	84	441	0.438	ug/L	90
27) 1,2-Dichloroethane	5.09	62	1109	0.831	ug/L #	74
33) Benzene	5.09	78	1619	0.413	ug/L	100
35) Methylcyclohexane	6.12	83	12785	7.603	ug/L #	23
37) 1,2-Dichloropropane	6.11	63	6588	6.590	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1881	1.232	ug/L	83
44) trans-1,3-Dichloropropene	7.67	75	1168	0.808	ug/L #	80
49) Dibromochloromethane	8.02	129	544	0.490	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7485	5.691	ug/L	94

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

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

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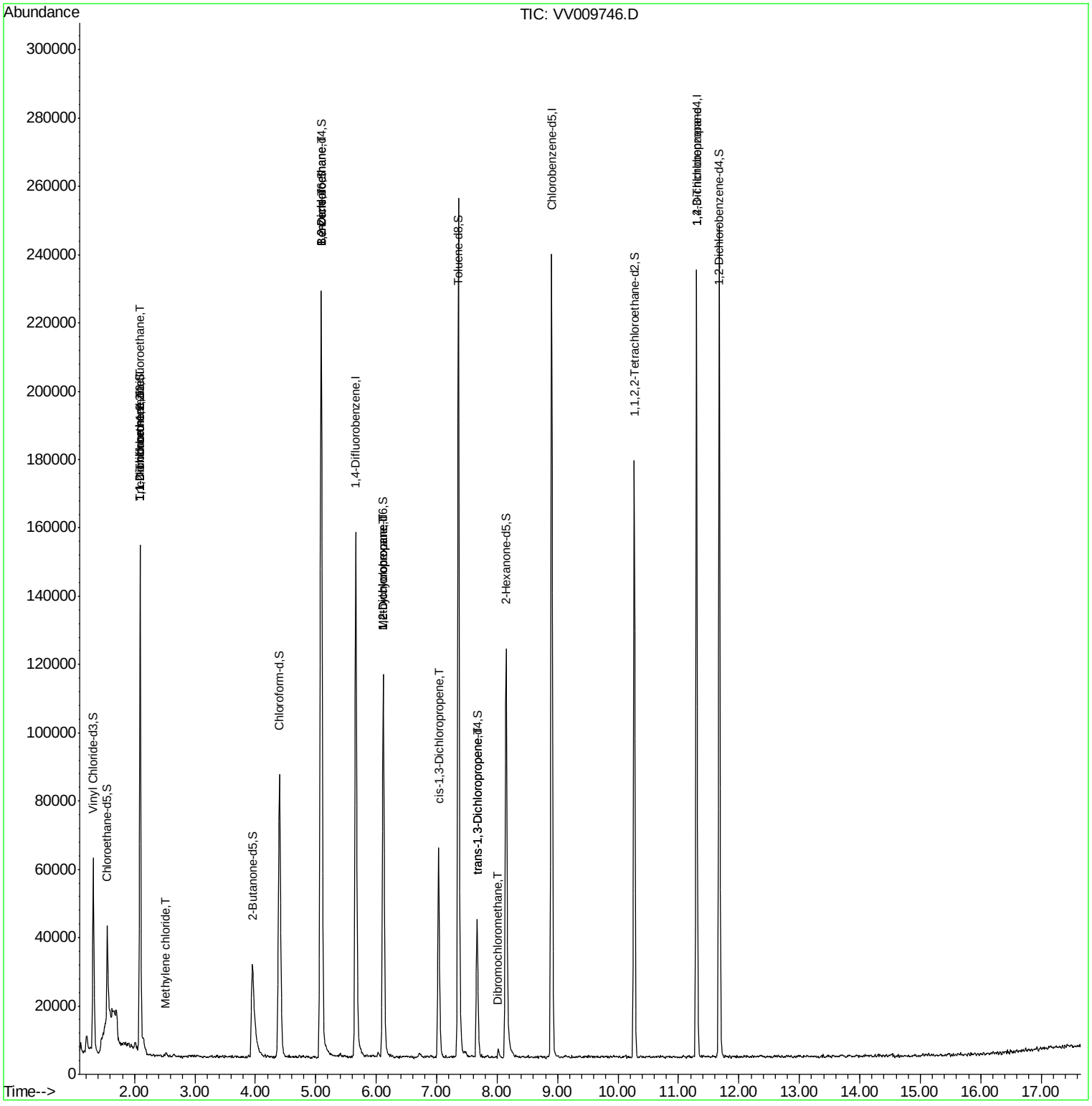
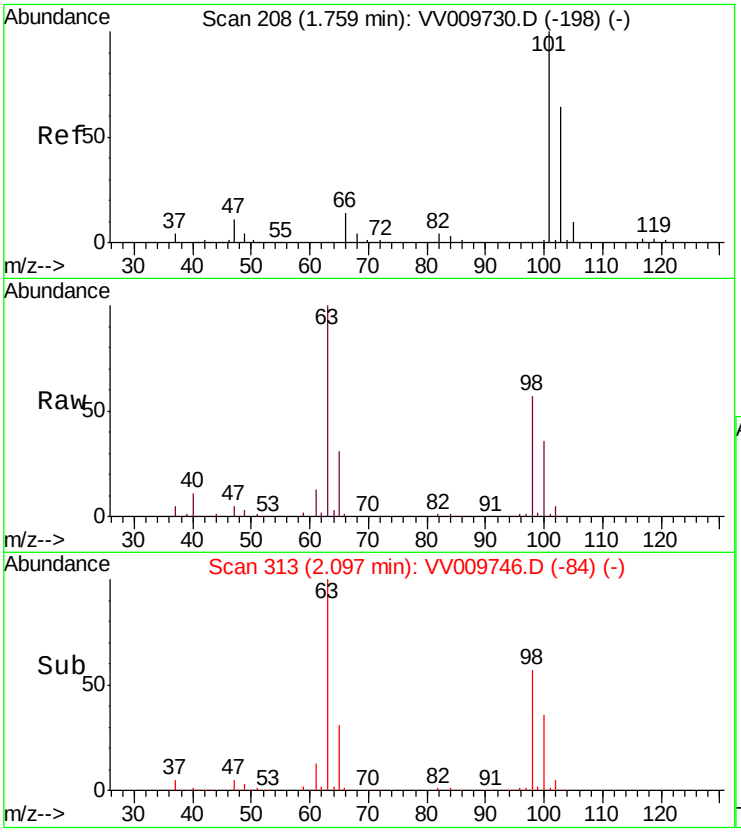
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration



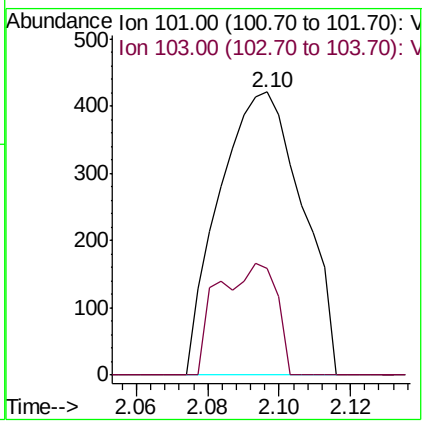


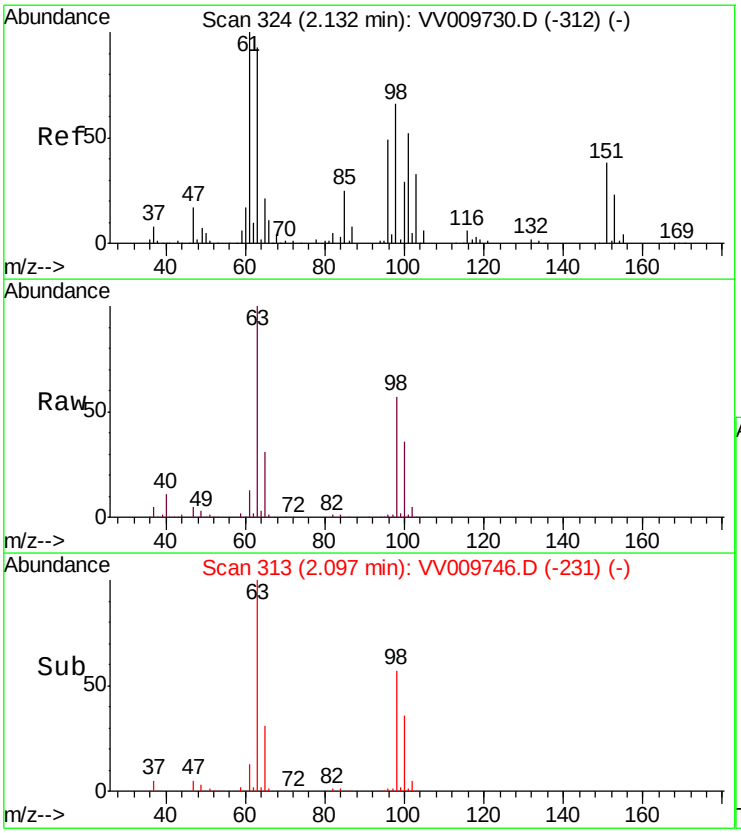
#9
Trichlorofluoromethane
Concen: 0.374 ug/L
RT: 2.10 min Scan# 313
Delta R.T. 0.34 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Instrument : MSVOA_V
ClientSampleId : BF0Z5

Tgt Ion:101 Resp: 676

Ion	Ratio	Lower	Upper
101	100		
103	16.6	52.3	78.5#

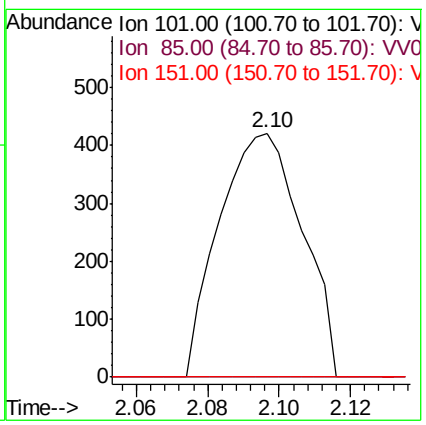


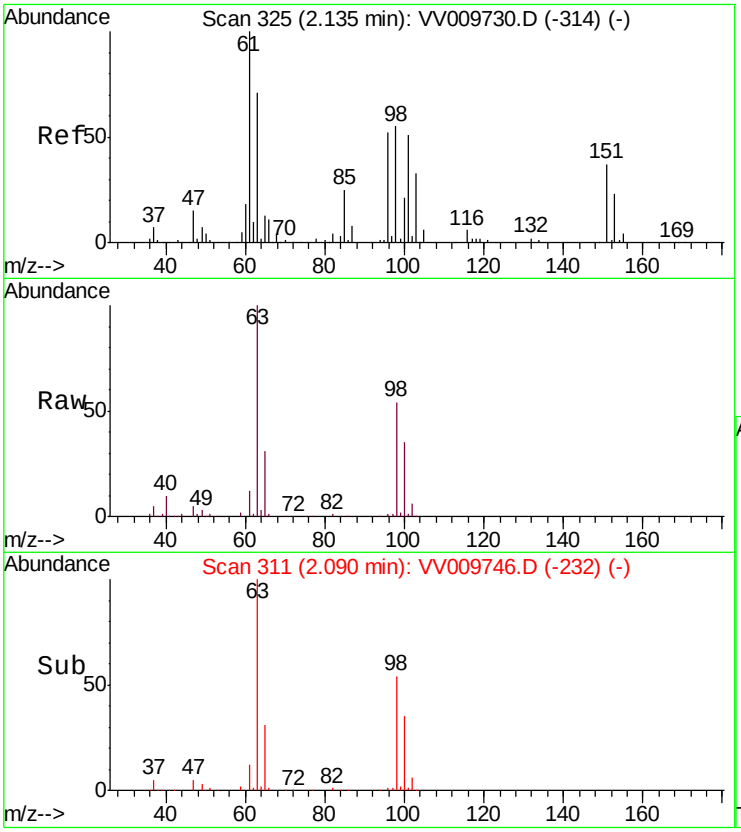


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.677 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Tgt Ion:101 Resp: 676

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



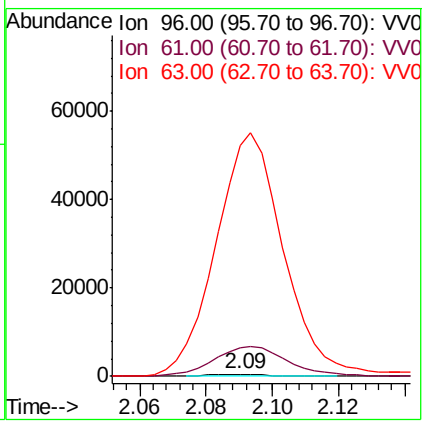


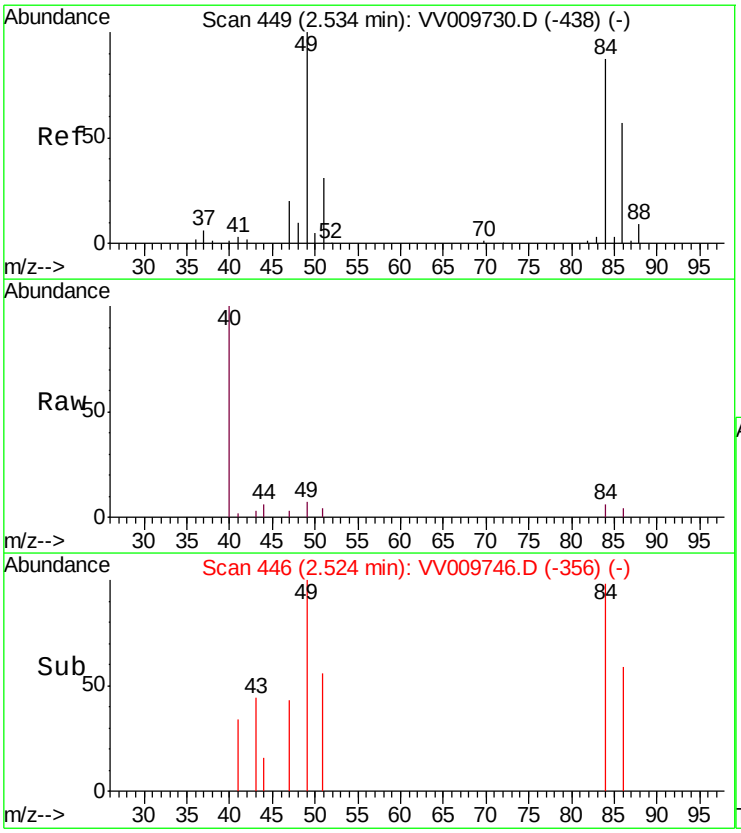
#12
1,1-Dichloroethene
Concen: 0.797 ug/L
RT: 2.09 min Scan# 311
Delta R.T. -0.05 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Instrument : MSVOA_V
ClientSampleId : BF0Z5

Tgt Ion: 96 Resp: 690

Ion	Ratio	Lower	Upper
96	100		
61	1335.7	135.5	251.7#
63	10703.3	100.2	186.2#

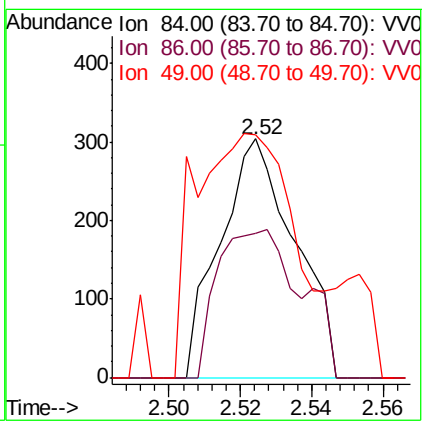


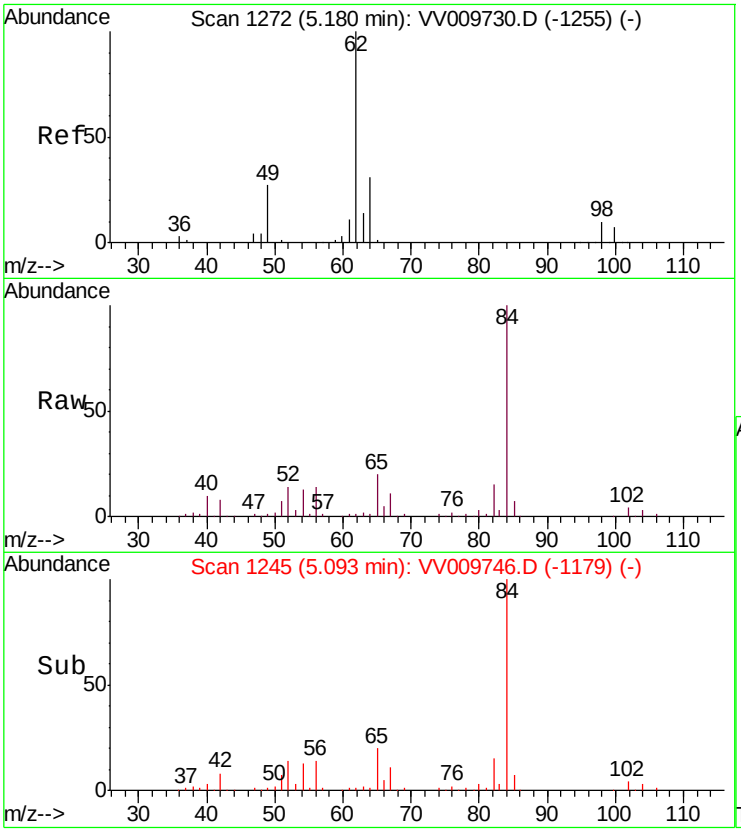


#16
Methylene chloride
Concen: 0.438 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Tgt Ion: 84 Resp: 441

Ion	Ratio	Lower	Upper
84	100		
86	60.2	45.8	85.2
49	101.6	80.6	149.6



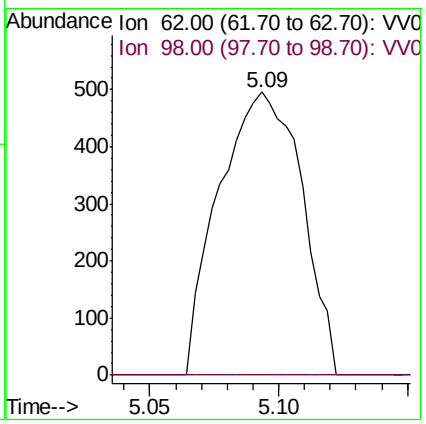


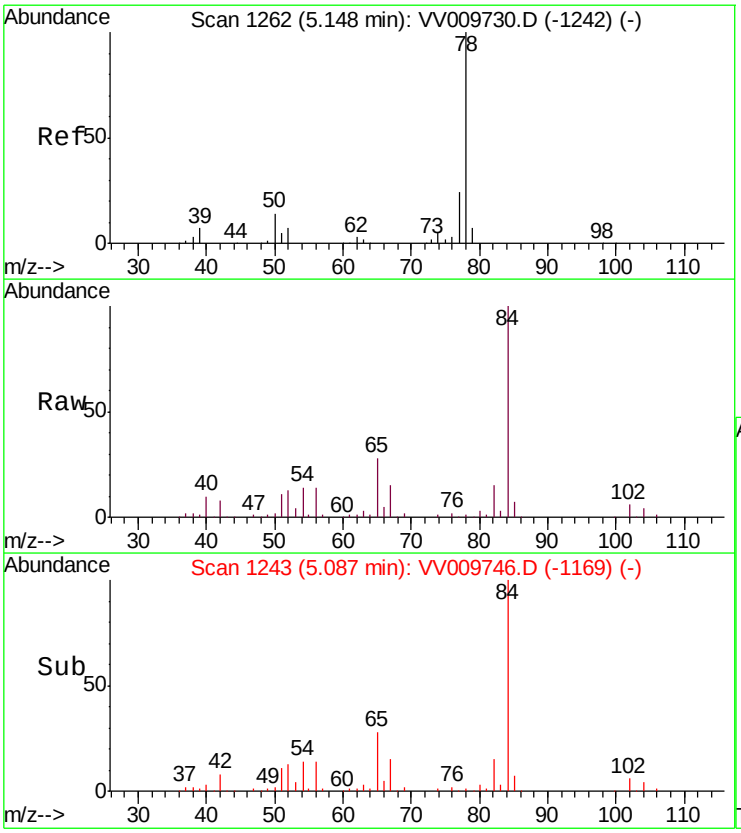
#27
1,2-Dichloroethane
Concen: 0.831 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Instrument :
MSVOA_V
ClientSampleId :
BF0Z5

Tgt Ion: 62 Resp: 1109

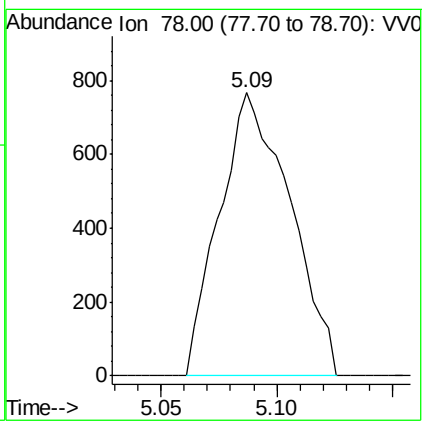
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.6#

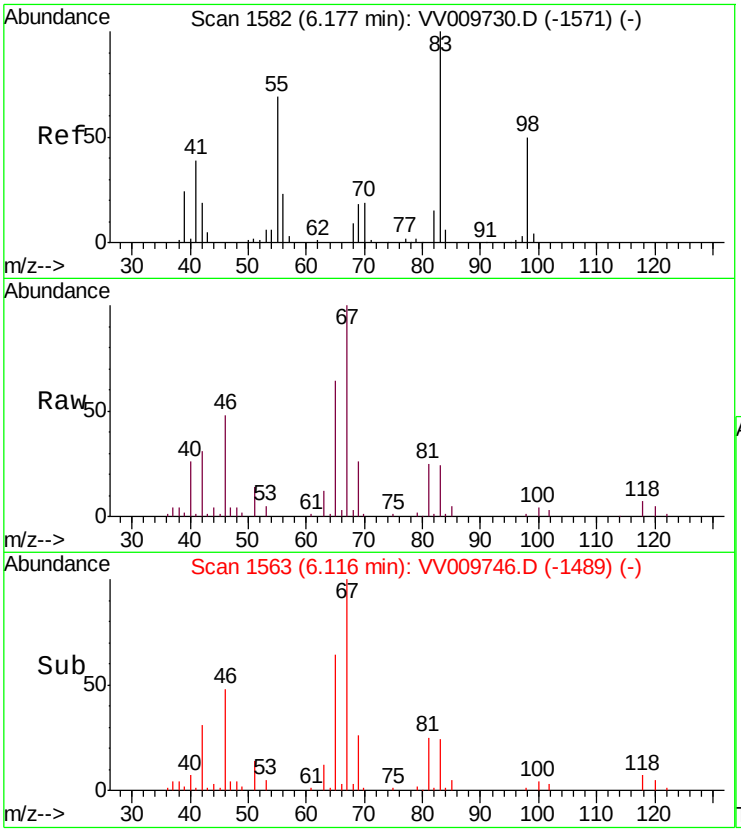




#33
Benzene
Concen: 0.413 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.06 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Tgt Ion: 78 Resp: 1619



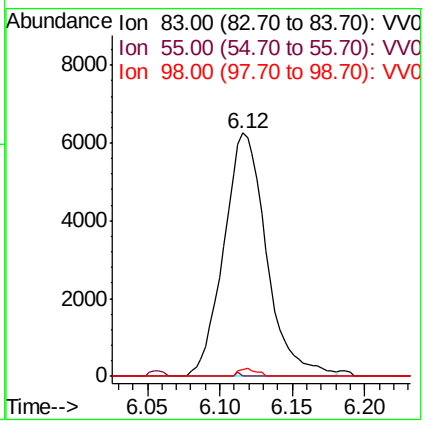


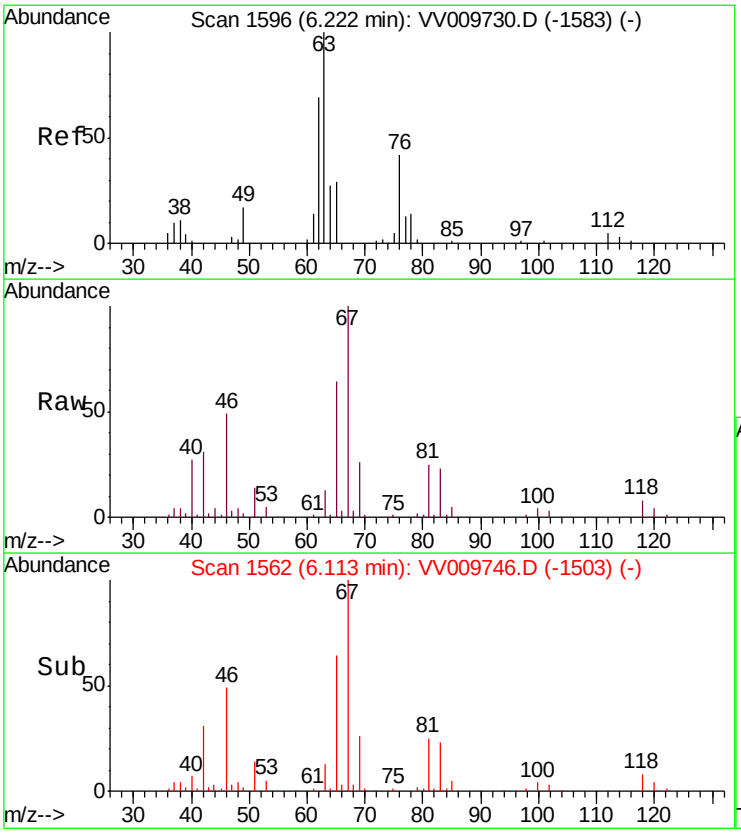
#35
Methylcyclohexane
Concen: 7.603 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Instrument :
MSVOA_V
ClientSampleId :
BF0Z5

Tgt Ion: 83 Resp: 12785

Ion	Ratio	Lower	Upper
83	100		
55	0.8	54.2	81.4#
98	1.3	38.4	57.6#

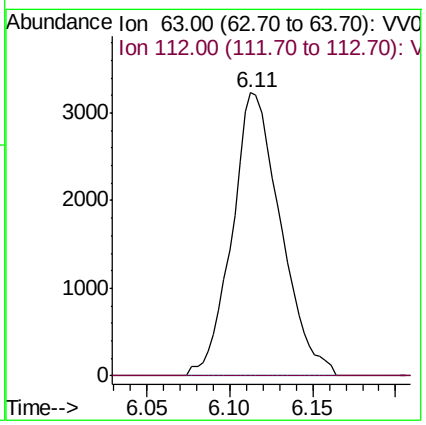


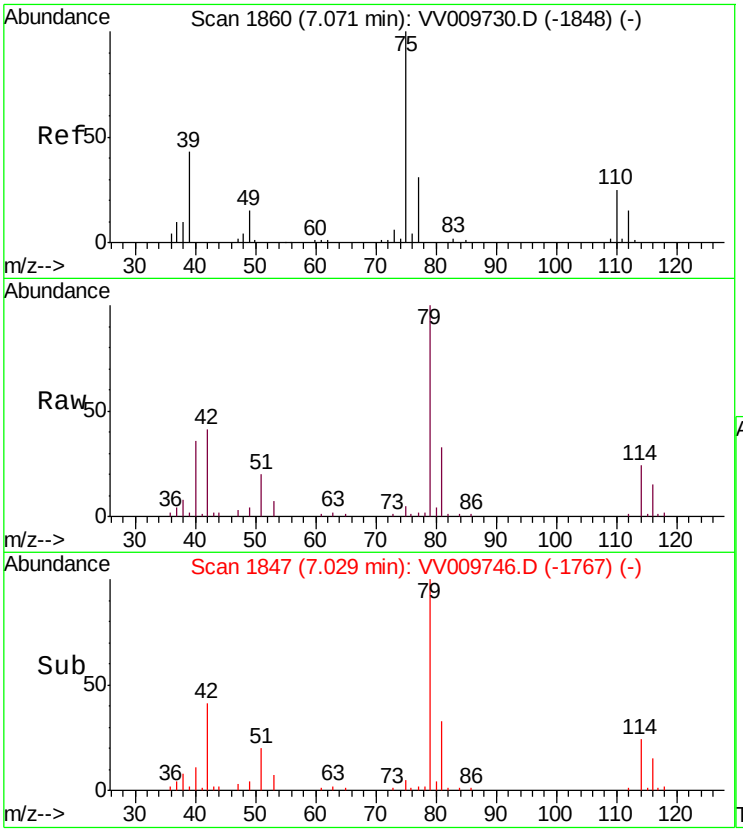


#37
1,2-Dichloropropane
Concen: 6.590 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Tgt Ion: 63 Resp: 6588

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



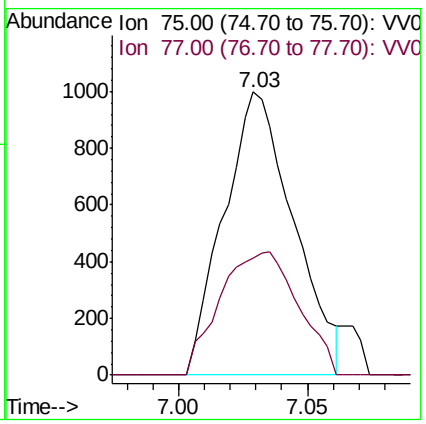


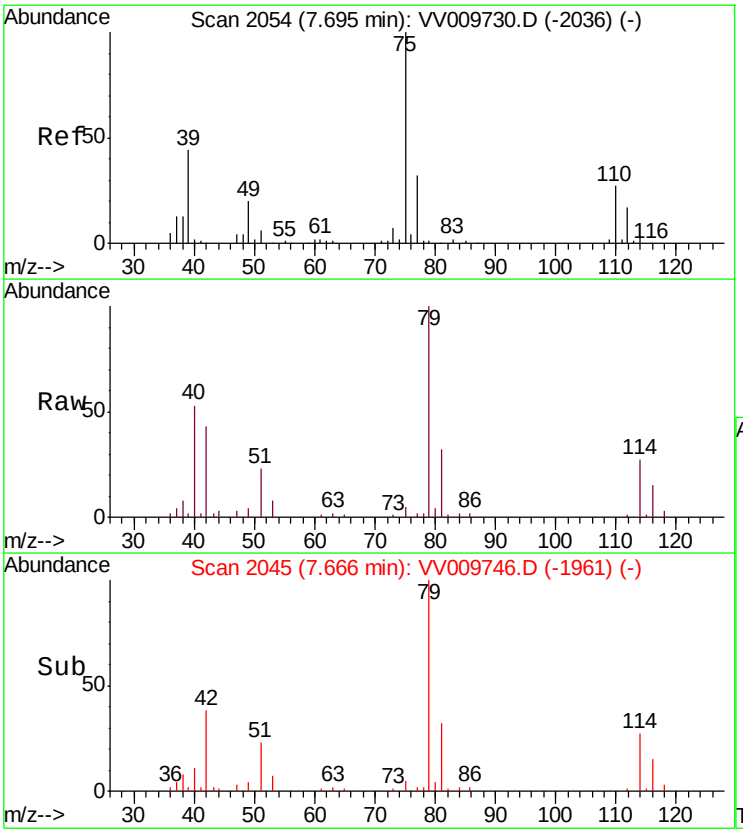
#39
cis-1,3-Dichloropropene
Concen: 1.232 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Instrument : MSVOA_V
ClientSampleId : BF0Z5

Tgt Ion: 75 Resp: 1881

Ion	Ratio	Lower	Upper
75	100		
77	41.3	22.4	41.6

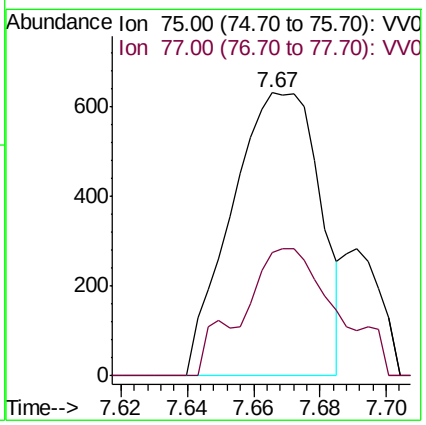


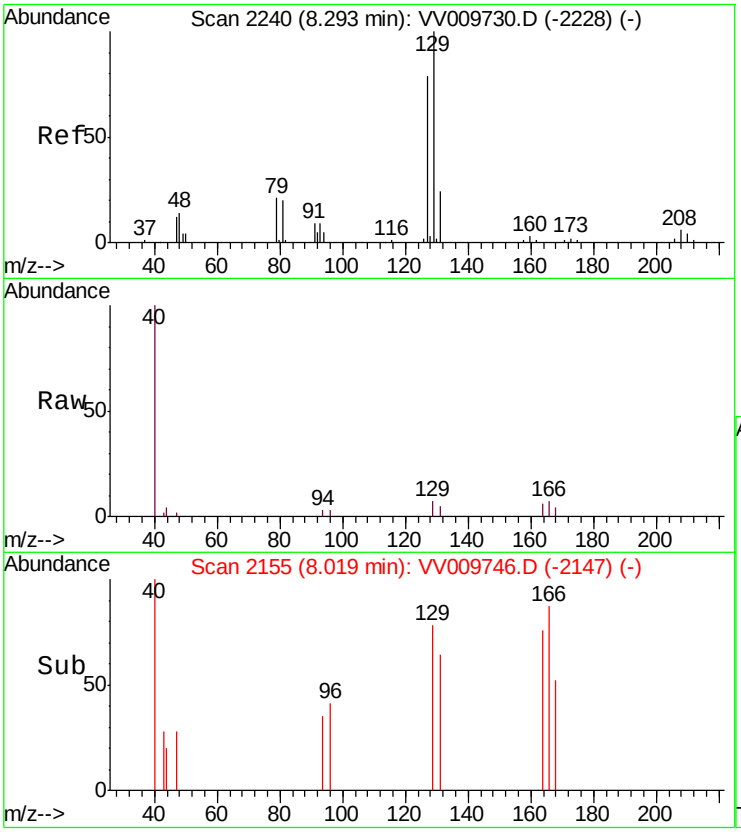


#44
trans-1,3-Dichloropropene
Concen: 0.808 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Tgt Ion: 75 Resp: 1168

Ion	Ratio	Lower	Upper
75	100		
77	43.5	22.5	41.7#



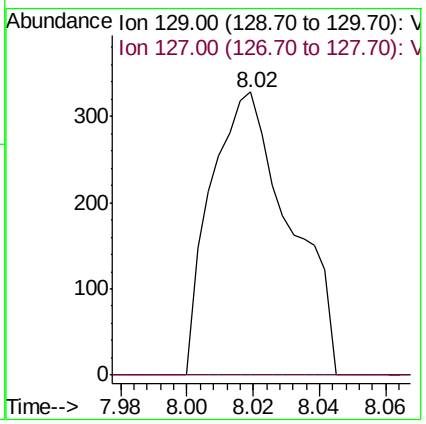


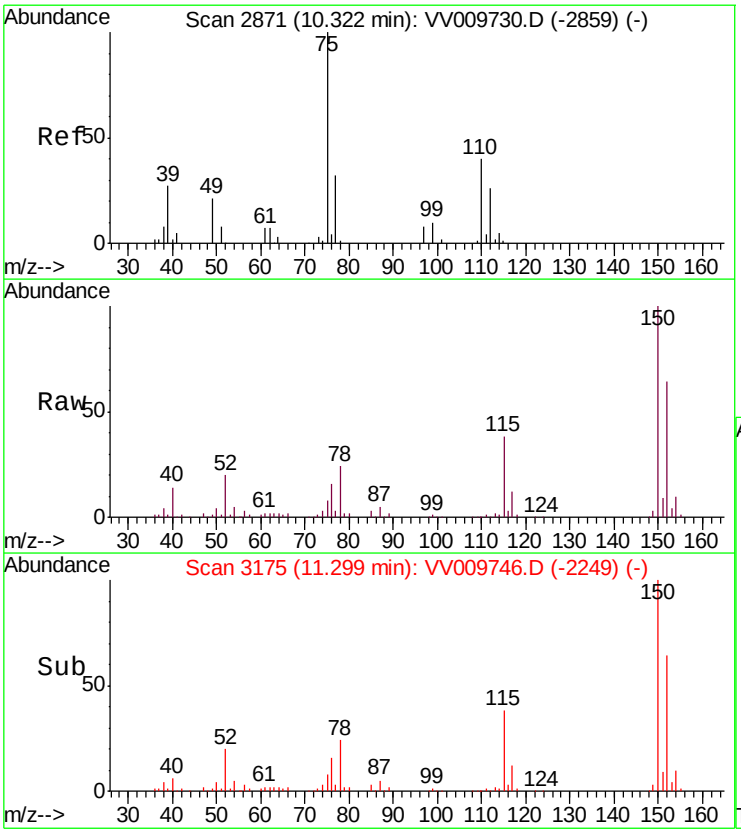
#49
Dibromochloromethane
Concen: 0.490 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Instrument : MSVOA_V
ClientSampleId : BF0Z5

Tgt Ion:129 Resp: 544

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#





#59
1,2,3-Trichloropropane
Concen: 5.691 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009746.D
Acq: 16 Mar 2019 22:30

Tgt Ion: 75 Resp: 7485

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.2	39.4