Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV043019\

Quantitation Report (Not Reviewed)

Data File : VV010565.D
Acq On : 29 Apr 2019 23:09
Operator : SY/MD
Sample : K2590-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X91

Quant Time: Apr 30 06:51:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	217632	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	217925	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98024	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	48965	4.63	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%				
7) Chloroethane-d5	1.57	69	32554	5.75	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.00%				
11) 1,1-Dichloroethene-d2	2.13	63	67742	3.40	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%				
20) 2-Butanone-d5	3.94	46	127007	46.52	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.04%				
24) Chloroform-d	4.40	84	132837	4.68	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%				
26) 1,2-Dichloroethane-d4	5.08	65	68299	5.22	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%				
32) Benzene-d6	5.10	84	259222	4.82	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%				
36) 1,2-Dichloropropane-d6	6.12	67	74875	4.88	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%				
41) Toluene-d8	7.36	98	240262	4.67	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%				
43) trans-1,3-Dichloropropene-	7.66	79	26536	4.53	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%				
46) 2-Hexanone-d5	8.13	63	117141	47.35	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.70%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57046	4.69	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%				
64) 1,2-Dichlorobenzene-d4	11.67	152	111365	5.89	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.80%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	1.76	101	4023	0.169	ug/L		99
13) Acetone	2.19	43	18392	13.523	ug/L		100
15) Methyl Acetate	2.32	43	4115	0.912	ug/L	#	46
21) 2-Butanone	4.04	43	5593	1.990	ug/L	#	62
25) Chloroform	4.43	83	9020	0.321	ug/L		90
34) Trichloroethene	5.96	95	63175	3.850	ug/L		97
35) Methylcyclohexane	6.12	83	19824	0.931	ug/L	#	20
39) cis-1,3-Dichloropropene	7.03	75	2180	0.116	ug/L	#	46
44) trans-1,3-Dichloropropene	7.67	75	1268	0.086	ug/L		84
47) Tetrachloroethene	8.02	164	7671	0.500	ug/L		89
49) Dibromochloromethane	8.02	129	6273	0.463	ug/L	#	12

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

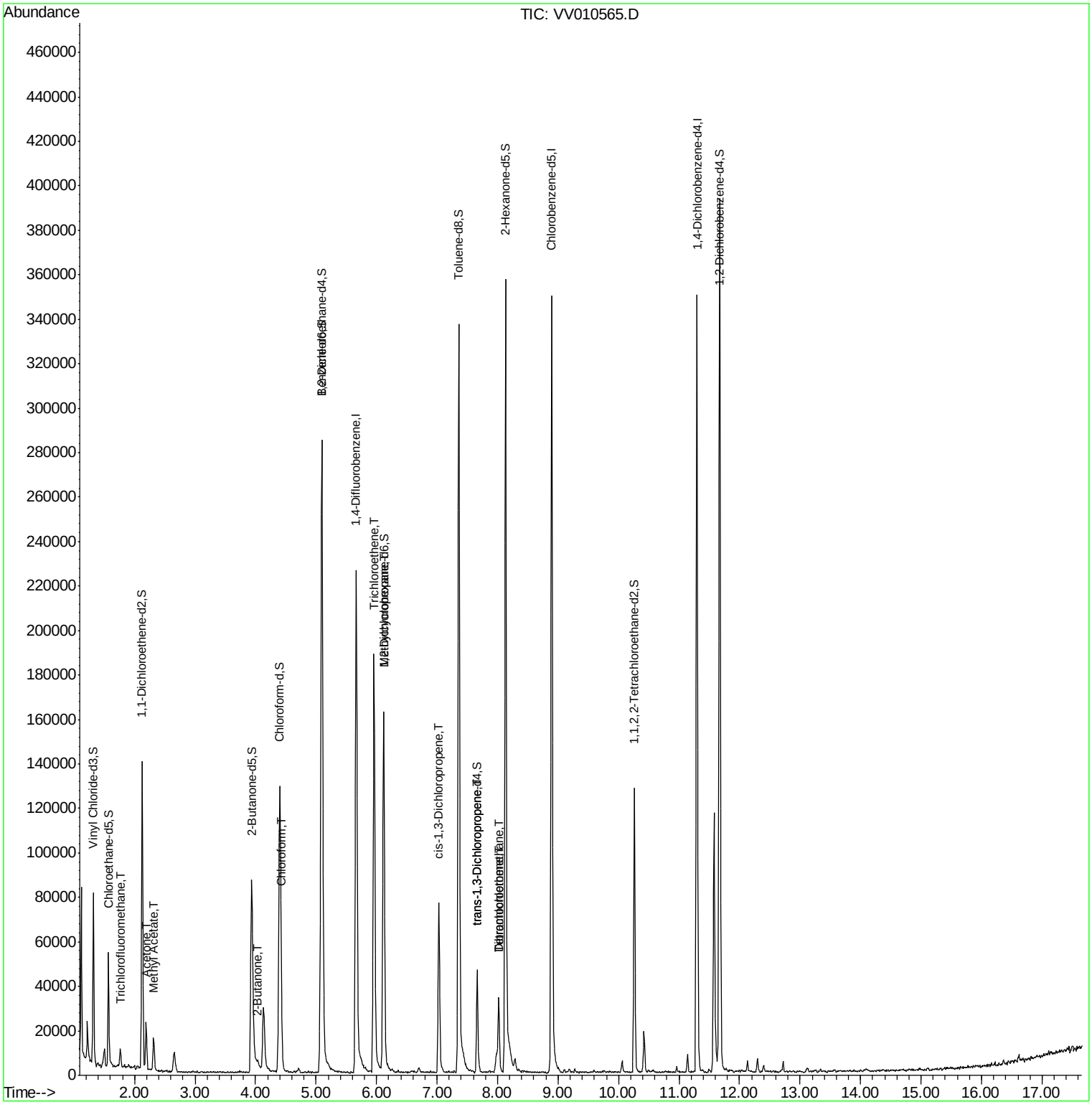
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV043019\

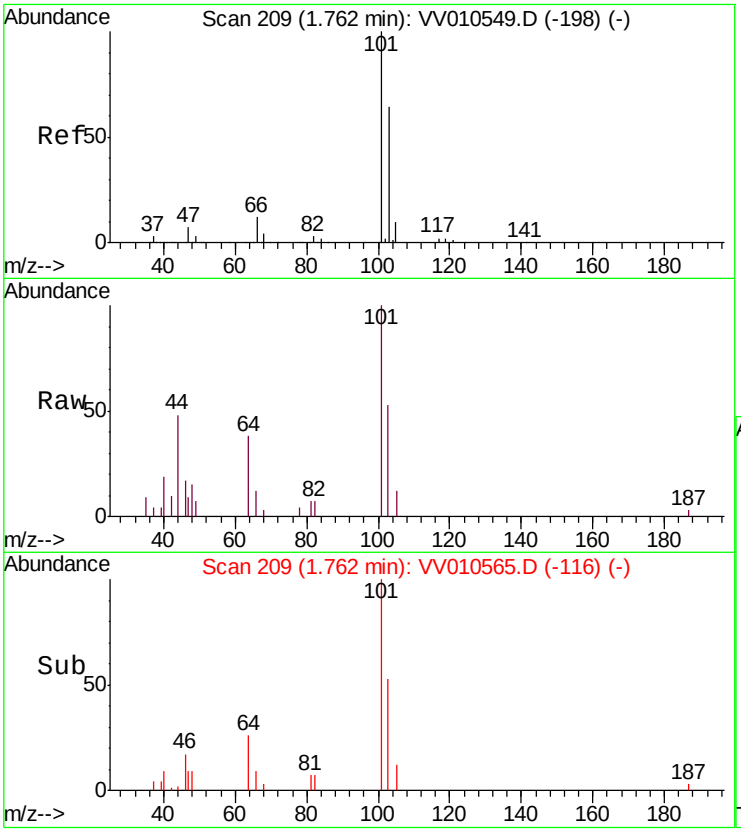
Quantitation Report (Not Reviewed)

Data File : VV010565.D
Acq On : 29 Apr 2019 23:09
Operator : SY/MD
Sample : K2590-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X91

Quant Time: Apr 30 06:51:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration



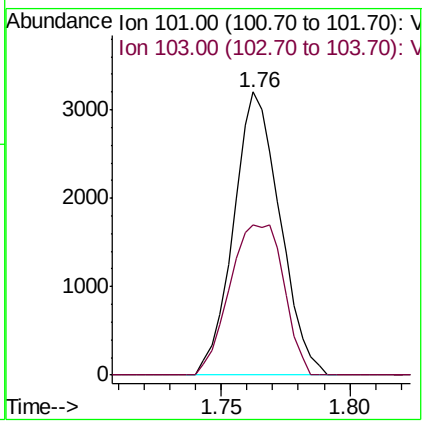


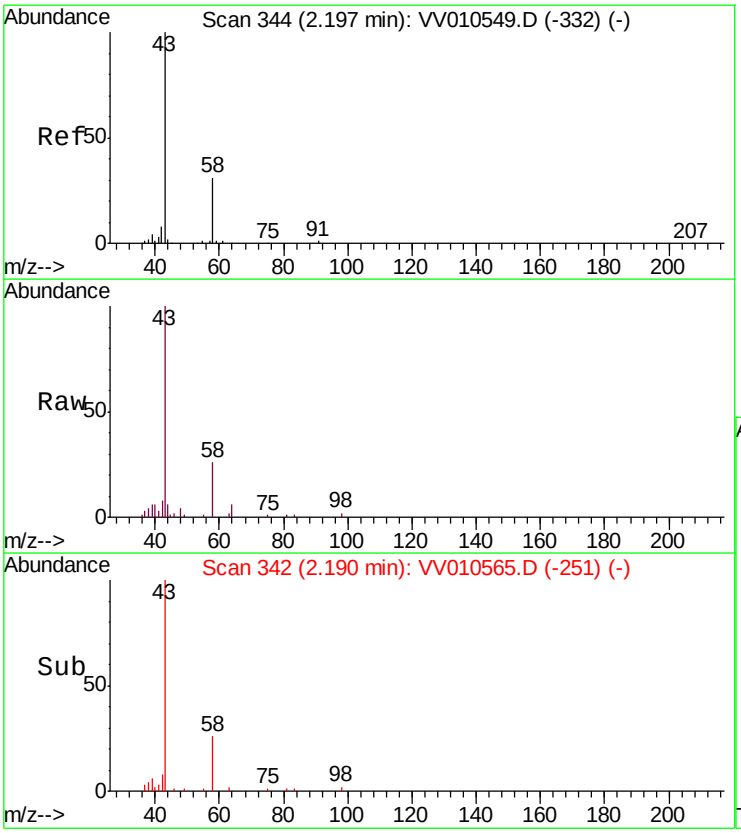
#9
Trichlorofluoromethane
Concen: 0.169 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Instrument :
MSVOA_V
ClientSampleId :
C0X91

Tgt Ion:101 Resp: 4023

Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.5	75.7

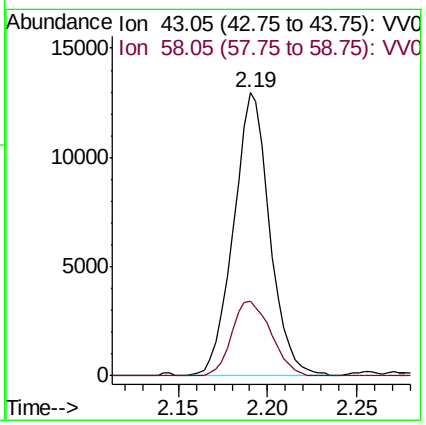


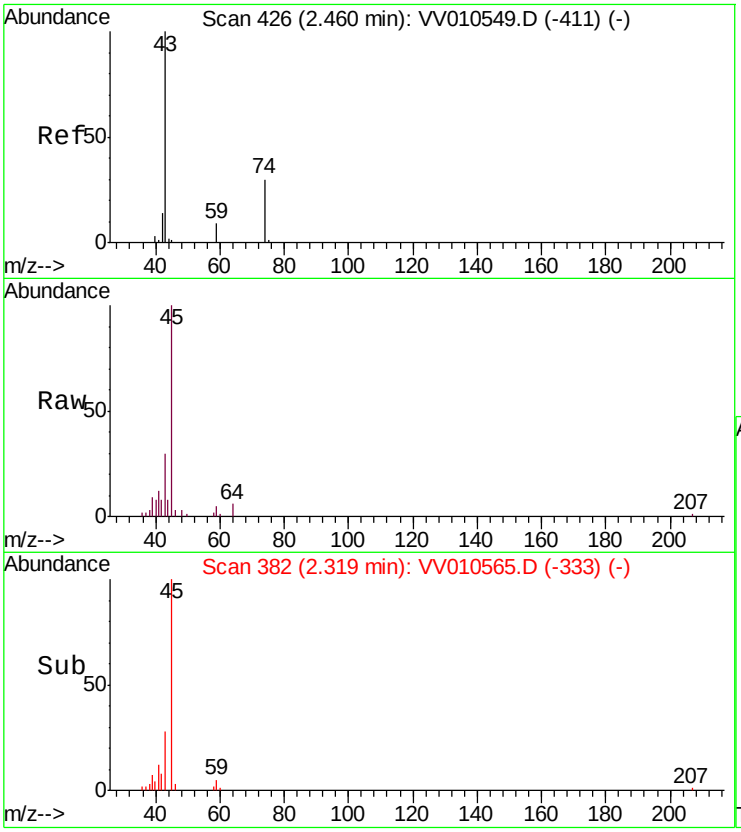


#13
Acetone
Concen: 13.523 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Tgt Ion: 43 Resp: 18392

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	57.4



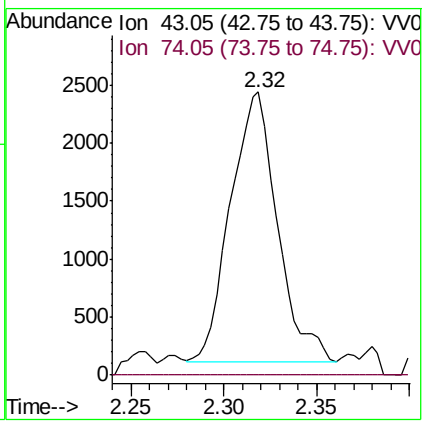


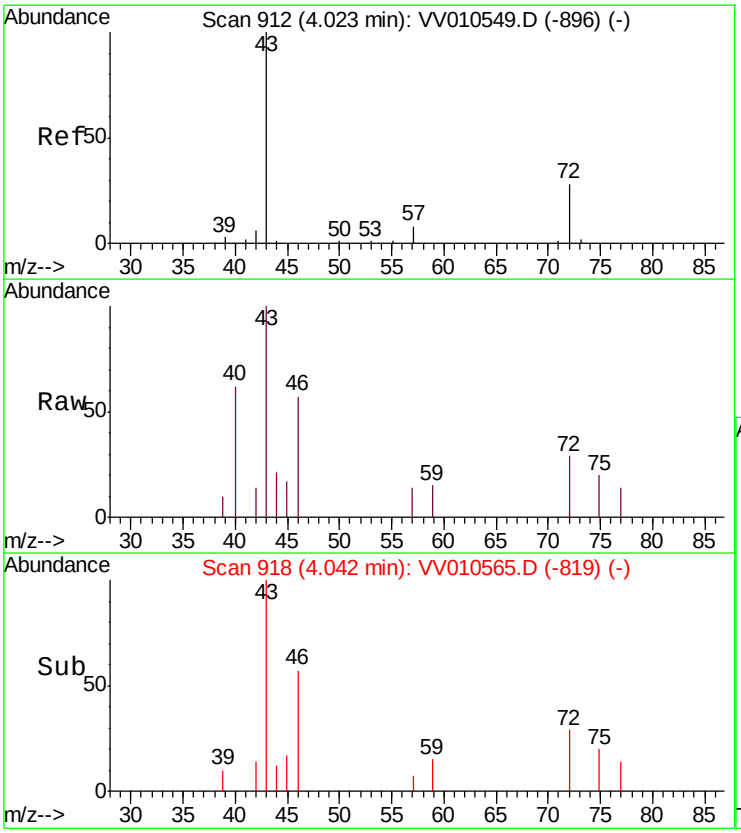
#15
Methyl Acetate
Concen: 0.912 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.14 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Instrument : MSVOA_V
ClientSampleId : C0X91

Tgt Ion: 43 Resp: 4115

Ion	Ratio	Lower	Upper
43	100		
74	1.1	24.2	36.2#

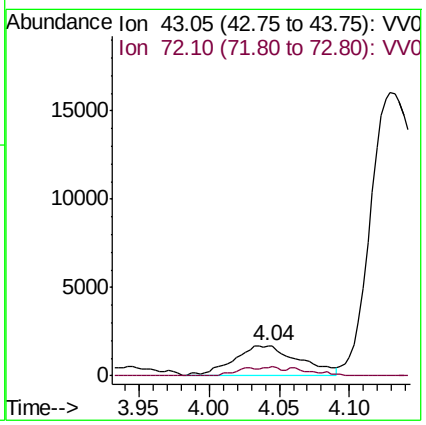


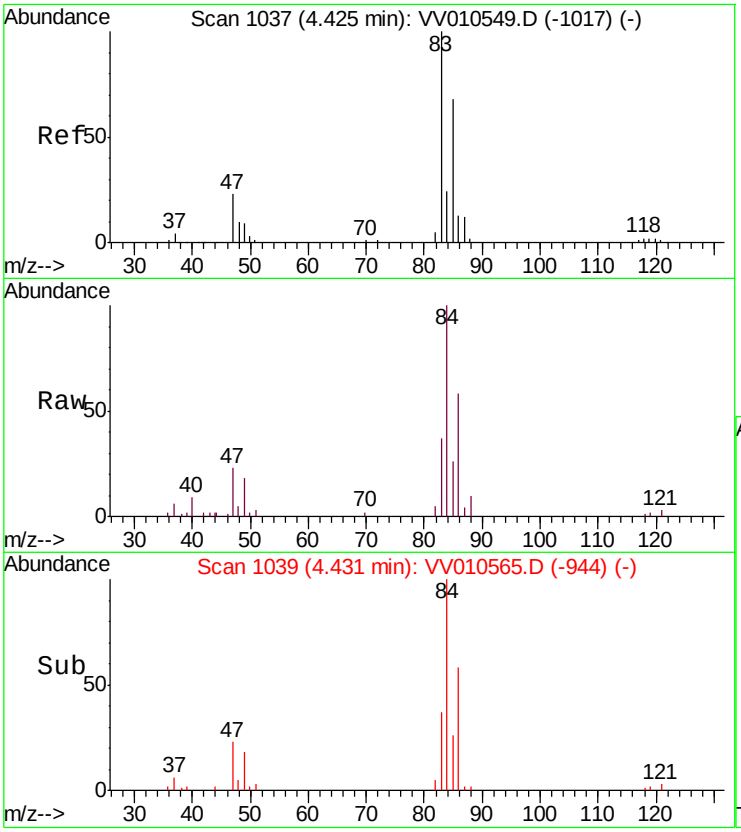


#21
2-Butanone
Concen: 1.990 ug/L
RT: 4.04 min Scan# 918
Delta R.T. 0.02 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Tgt Ion: 43 Resp: 5593

Ion	Ratio	Lower	Upper
43	100		
72	8.8	14.6	43.8#



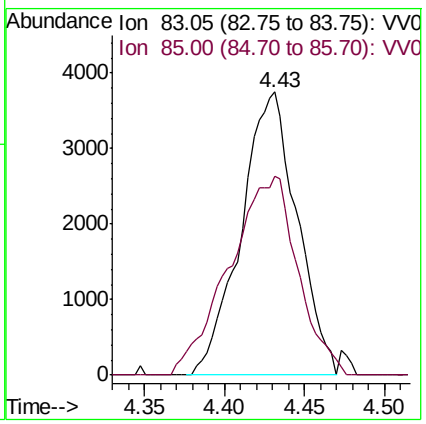


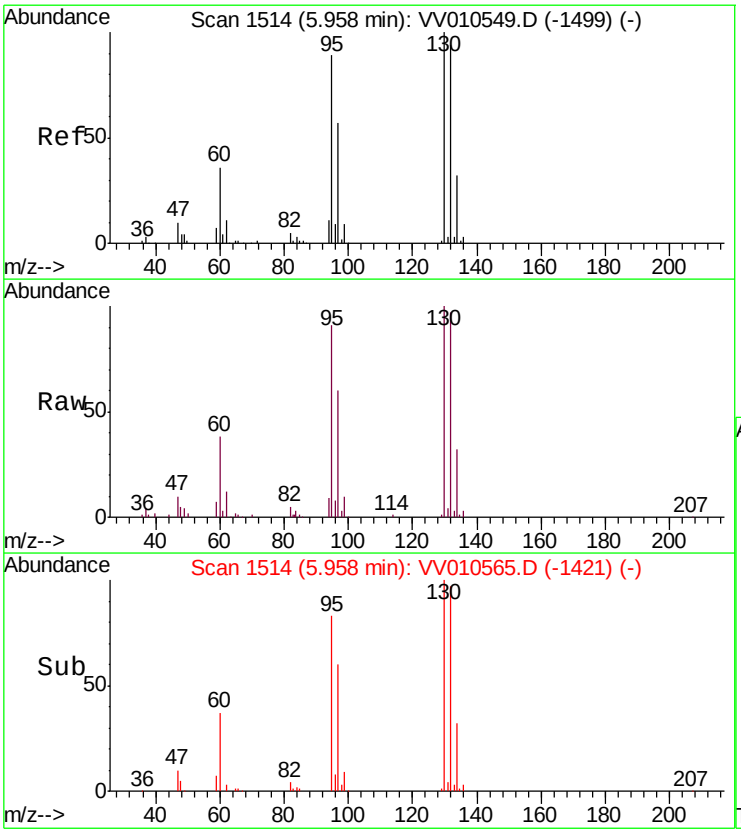
#25
Chloroform
Concen: 0.321 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Instrument : MSVOA_V
ClientSampleId : C0X91

Tgt Ion: 83 Resp: 9020

Ion	Ratio	Lower	Upper
83	100		
85	70.1	43.6	81.0

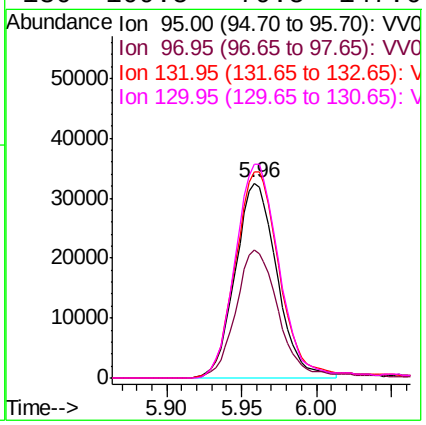


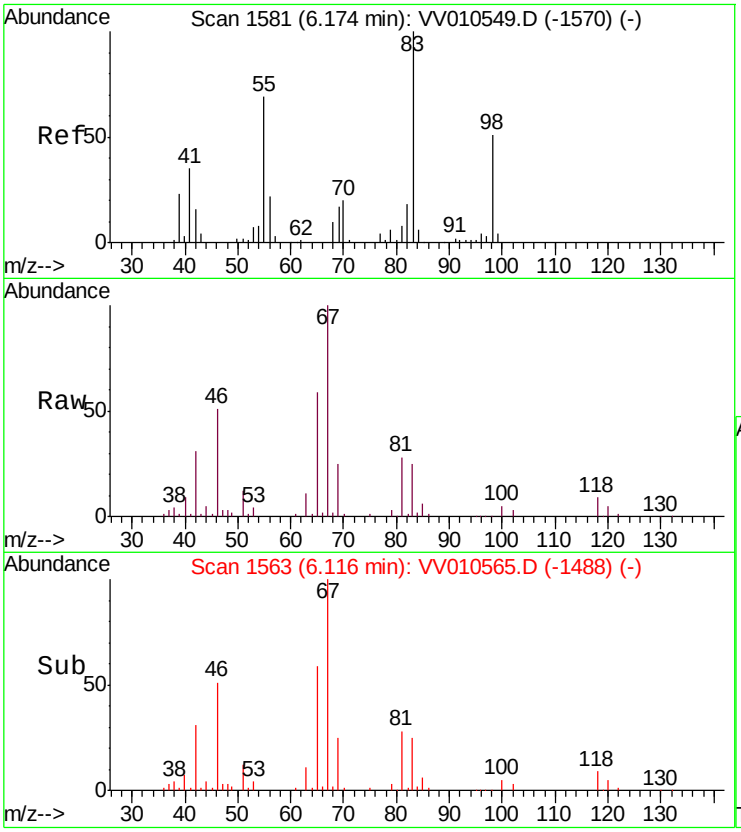


#34
Trichloroethene
Concen: 3.850 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Tgt Ion: 95 Resp: 63175

Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.3	80.5
132	105.9	74.1	137.5
130	109.5	79.5	147.6



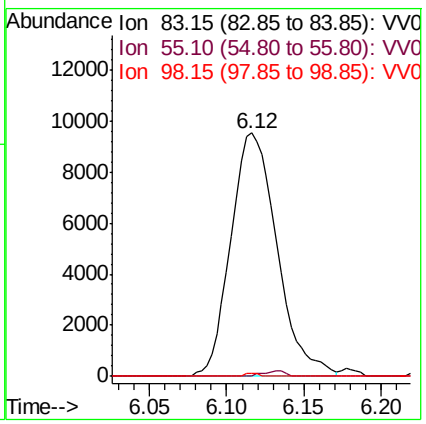


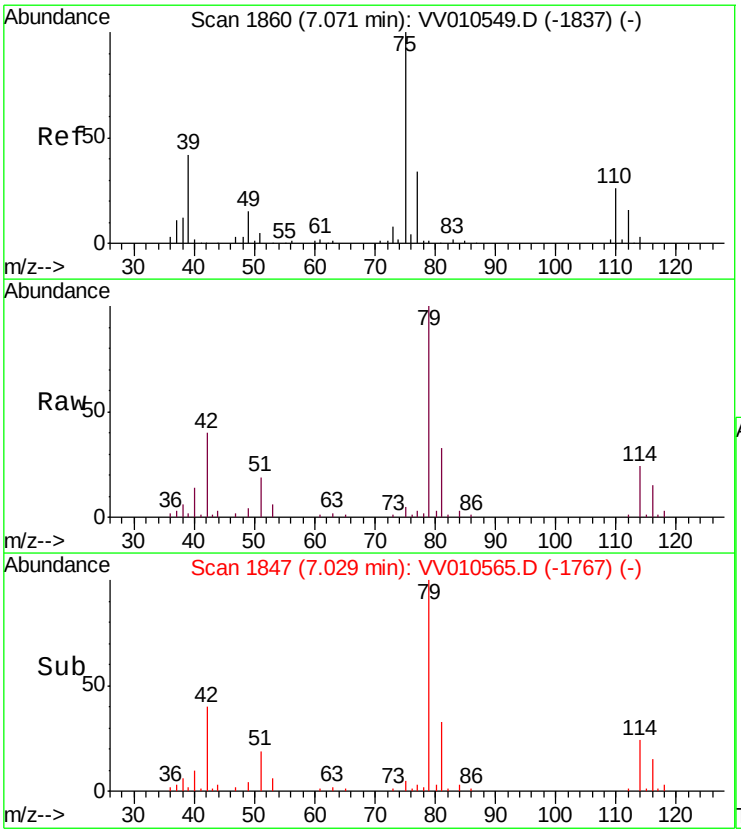
#35
Methylcyclohexane
Concen: 0.931 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Instrument :
MSVOA_V
ClientSampleId :
C0X91

Tgt Ion: 83 Resp: 19824

Ion	Ratio	Lower	Upper
83	100		
55	1.0	58.0	87.0#
98	0.0	40.4	60.6#

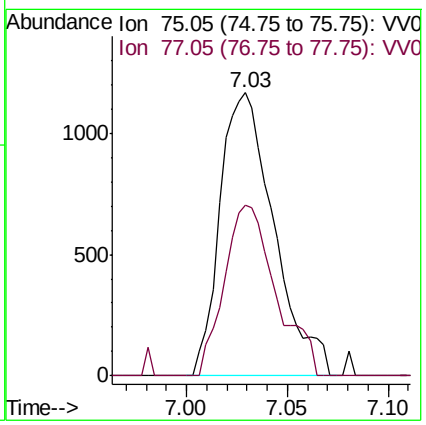


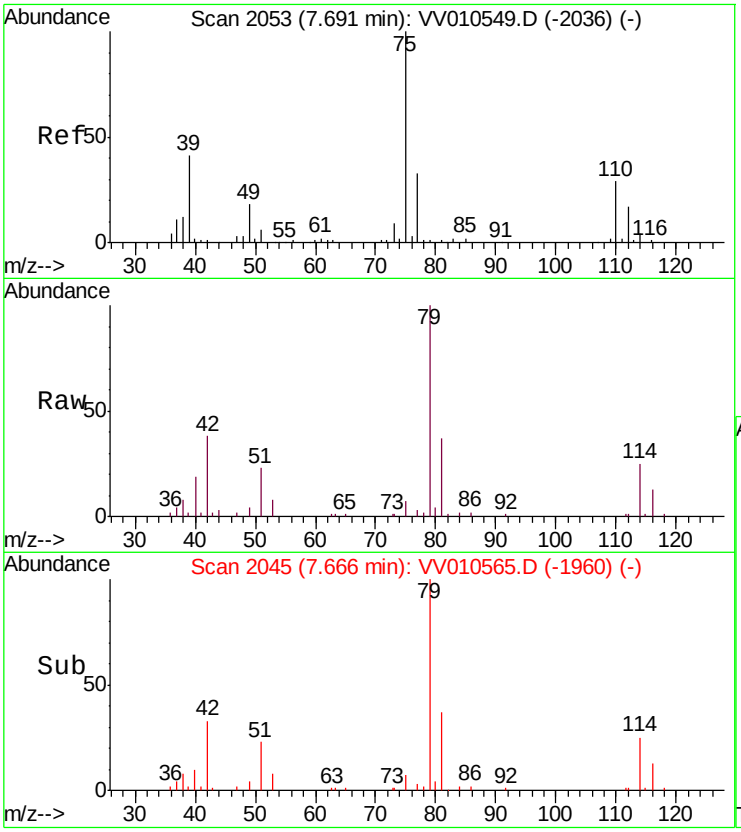


#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Tgt Ion: 75 Resp: 2180

Ion	Ratio	Lower	Upper
75	100		
77	60.3	21.6	40.0#



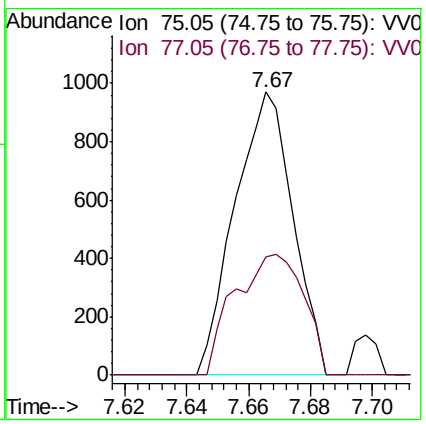


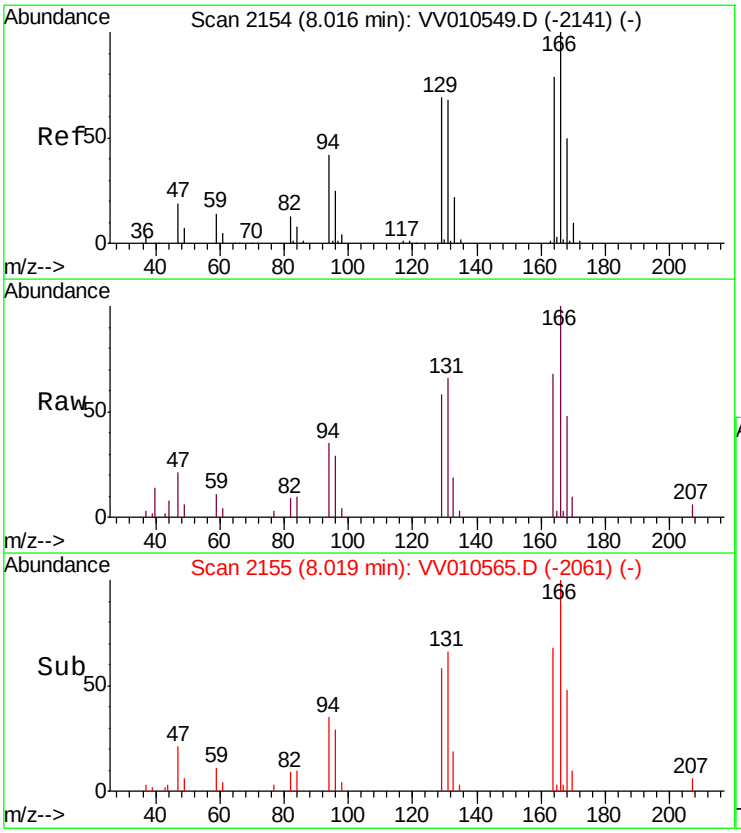
#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Instrument : MSVOA_V
ClientSampleId : C0X91

Tgt Ion: 75 Resp: 1268

Ion	Ratio	Lower	Upper
75	100		
77	41.8	23.0	42.6

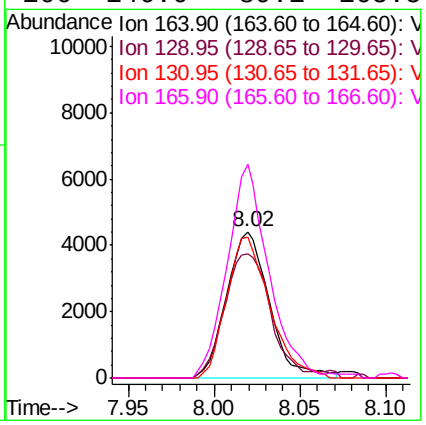


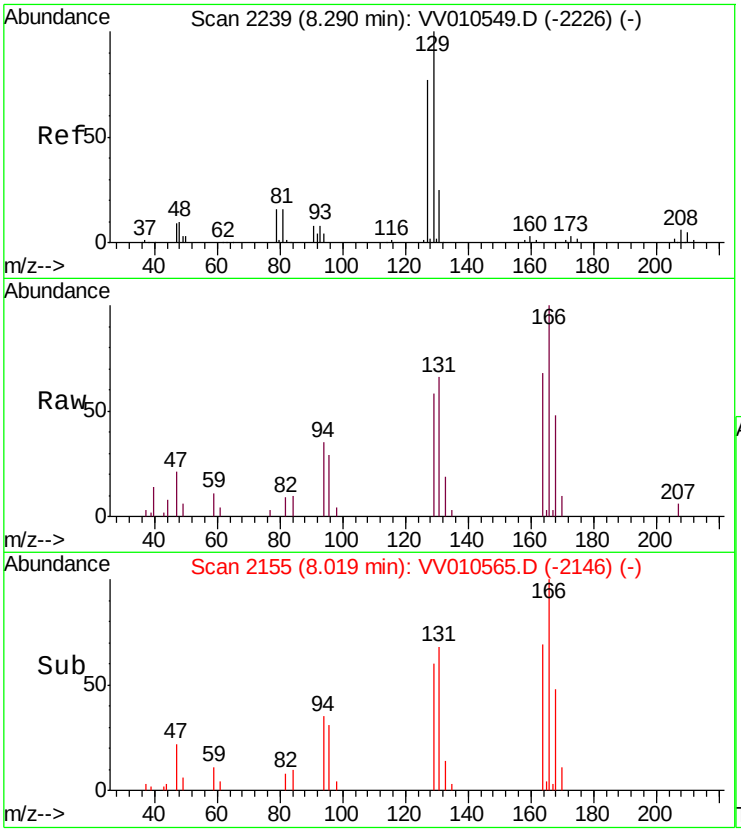


#47
Tetrachloroethene
Concen: 0.500 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Tgt Ion:164 Resp: 7671

Ion	Ratio	Lower	Upper
164	100		
129	85.0	62.2	115.4
131	96.0	61.5	114.1
166	146.0	89.1	165.5





#49
Dibromochloromethane
Concen: 0.463 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010565.D
Acq: 29 Apr 2019 23:09

Instrument :
MSVOA_V
ClientSampleId :
C0X91

Tgt Ion:129 Resp: 6273

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#