Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\

Quantitation Report (Not Reviewed)

Data File : VV010536.D
Acq On : 27 Apr 2019 08:09
Operator : SY/MD
Sample : K2586-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0X56

Quant Time: Apr 29 02:02:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104312	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54690	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.57	69	38432	6.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 128.20%			
11) 1,1-Dichloroethene-d2	2.13	63	72969	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	3.93	46	126772	43.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.68%			
24) Chloroform-d	4.40	84	132809	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.08	65	68423	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.10	84	276430	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.12	67	76812	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.36	98	253278	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloropropene-	7.66	79	24886	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
46) 2-Hexanone-d5	8.13	63	110007	41.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.62%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58358	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	108264	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	439	0.085	ug/L #	45
9) Trichlorofluoromethane	1.76	101	17468	0.695	ug/L	97
13) Acetone	2.19	43	19541	13.566	ug/L	92
15) Methyl Acetate	2.32	43	2793	0.584	ug/L #	44
22) cis-1,2-Dichloroethene	3.96	96	9008	0.525	ug/L	89
25) Chloroform	4.42	83	11605	0.390	ug/L	92
34) Trichloroethene	5.96	95	6649	0.376	ug/L #	88
35) Methylcyclohexane	6.12	83	21017	0.917	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9411	0.673	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2159	0.107	ug/L #	50
47) Tetrachloroethene	8.02	164	5165	0.313	ug/L	94
48) 2-Hexanone	8.13	43	12697	2.452	ug/L #	73
49) Dibromochloromethane	8.02	129	4309	0.295	ug/L #	12
59) 1,2,3-Trichloropropane	10.05	75	2939	0.328	ug/L #	41
66) 1,2-Dibromo-3-chloropropan	12.29	75	221	0.126	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\

Quantitation Report (Not Reviewed)

Data File : VV010536.D
Acq On : 27 Apr 2019 08:09
Operator : SY/MD
Sample : K2586-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X56

Quant Time: Apr 29 02:02:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

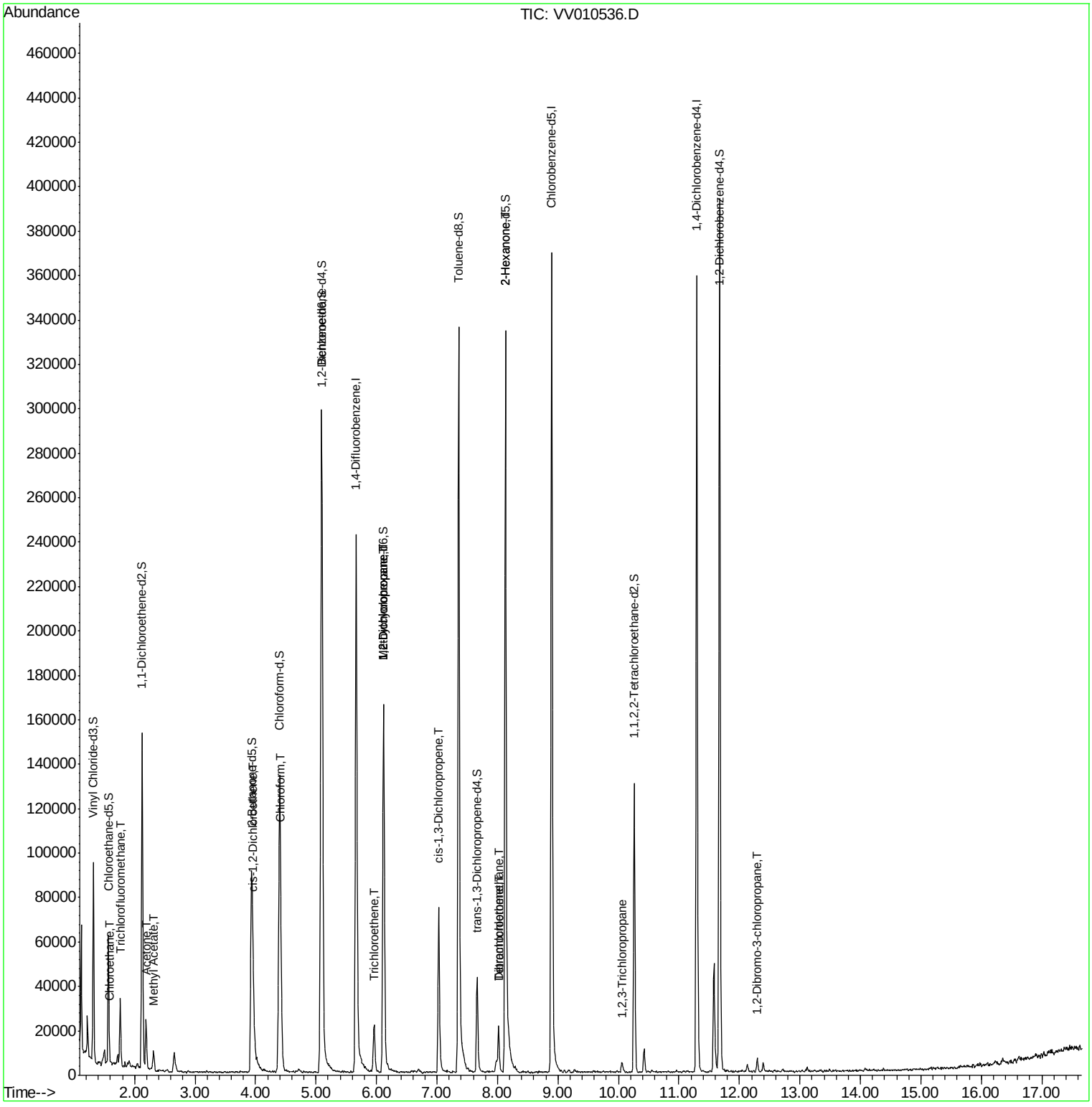
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\

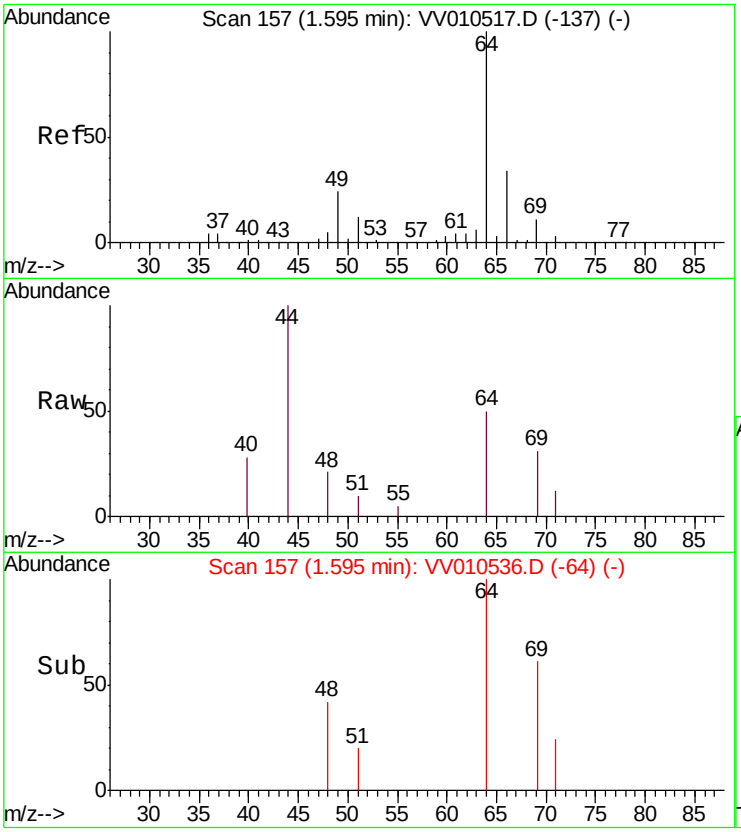
Quantitation Report (Not Reviewed)

Data File : VV010536.D
Acq On : 27 Apr 2019 08:09
Operator : SY/MD
Sample : K2586-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X56

Quant Time: Apr 29 02:02:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration



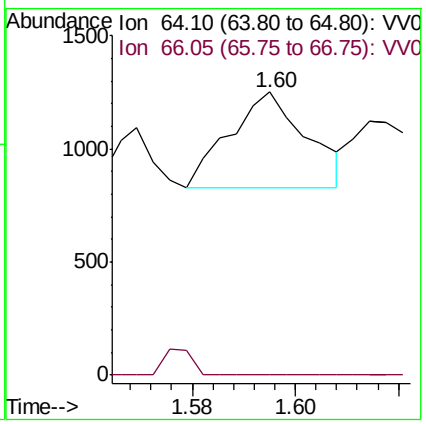


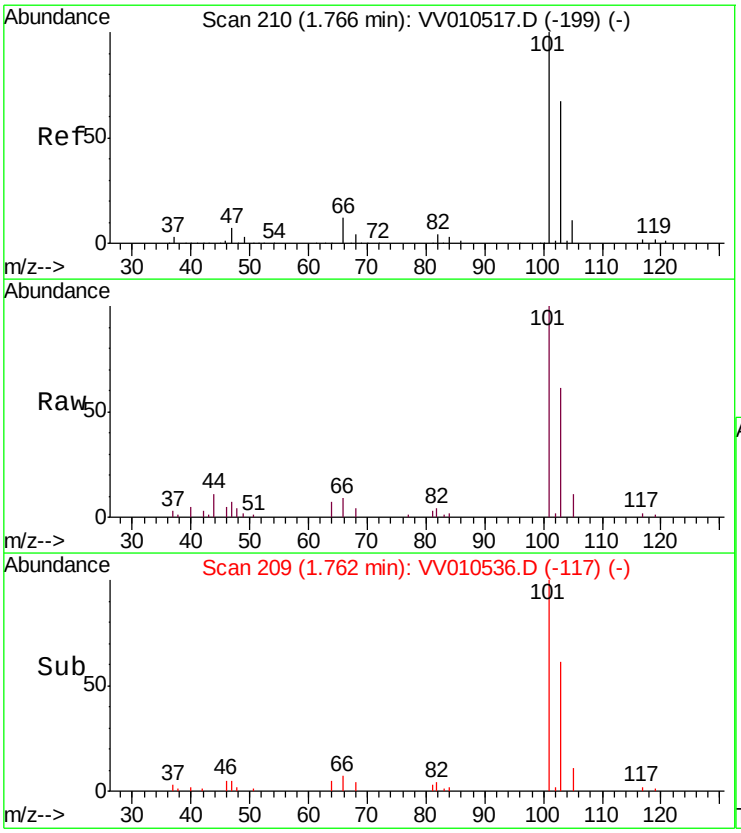
#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument : MSVOA_V
ClientSampleId : C0X56

Tgt Ion: 64 Resp: 439

Ion	Ratio	Lower	Upper
64	100		
66	0.0	20.7	38.5#

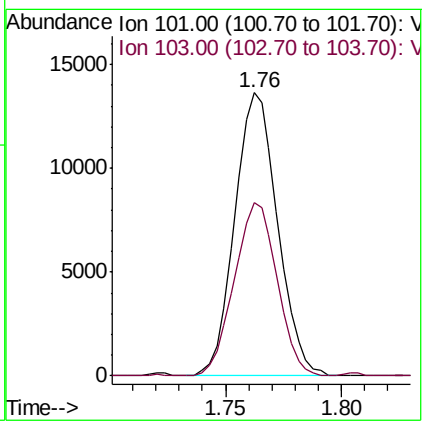


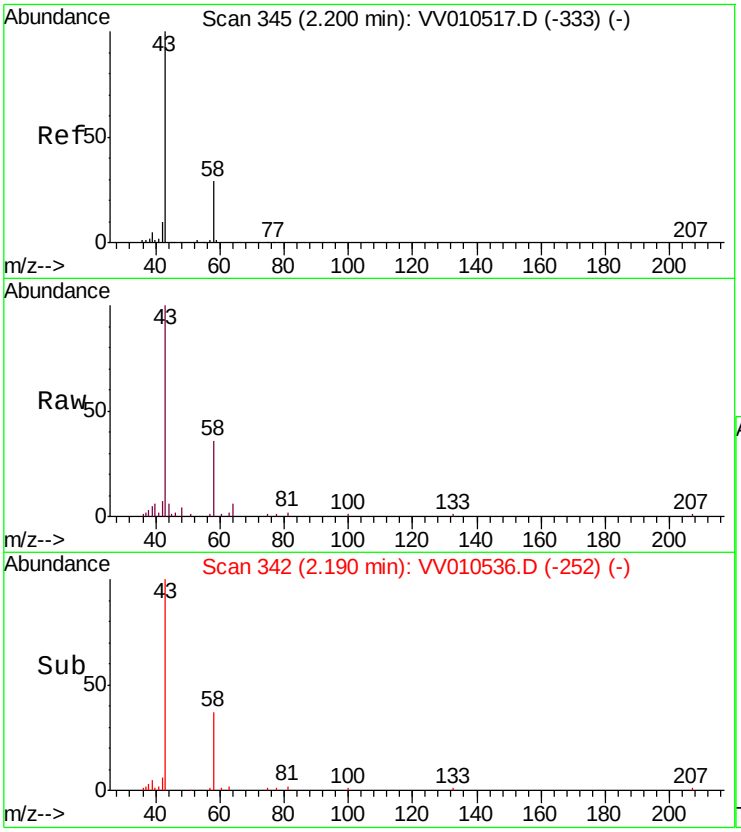


#9
Trichlorofluoromethane
Concen: 0.695 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion:101 Resp: 17468

Ion	Ratio	Lower	Upper
101	100		
103	61.1	50.5	75.7



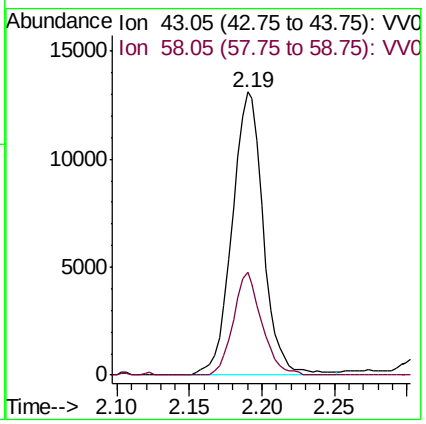


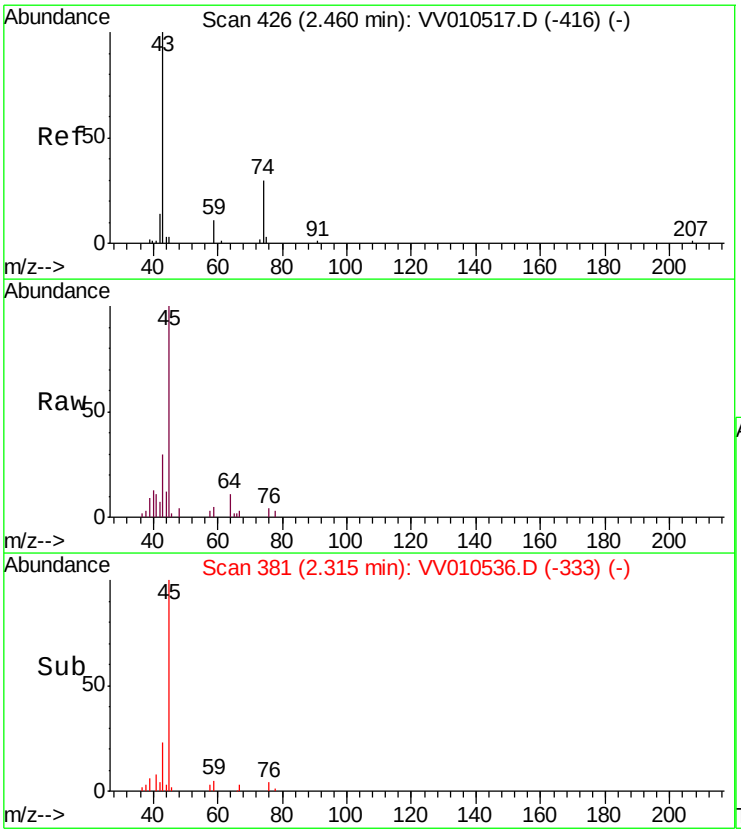
#13
Acetone
Concen: 13.566 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument :
MSVOA_V
ClientSampleId :
C0X56

Tgt Ion: 43 Resp: 19541

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	57.4

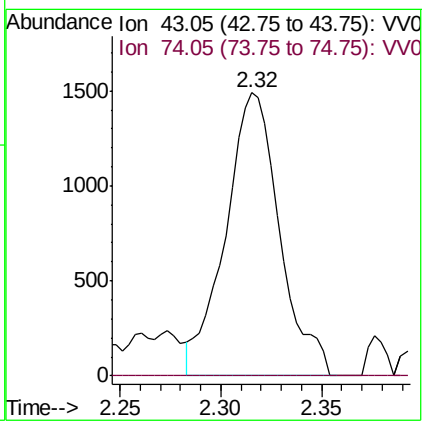


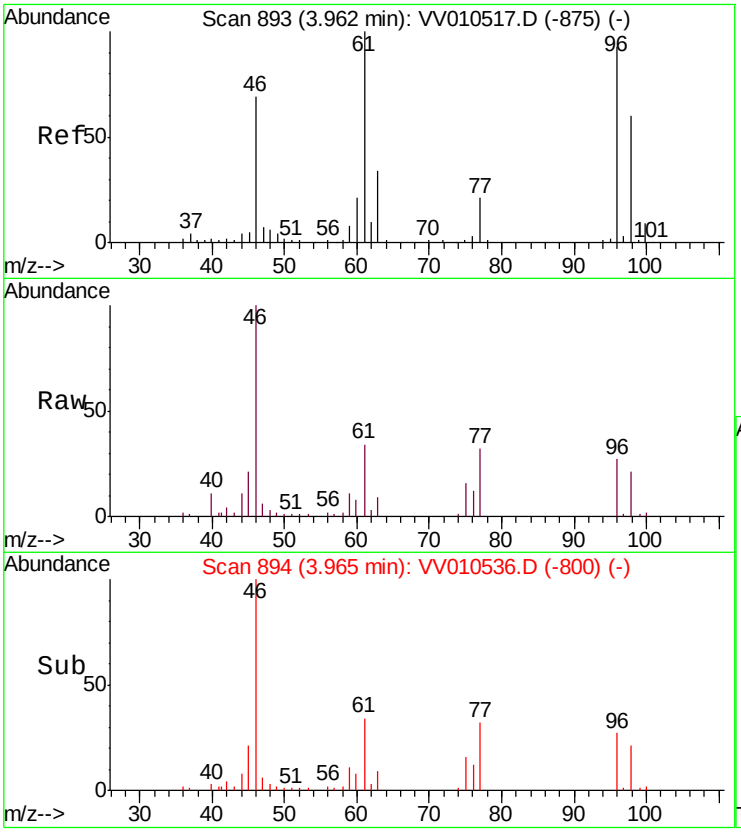


#15
Methyl Acetate
Concen: 0.584 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.14 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 43 Resp: 2793

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.2	36.2#



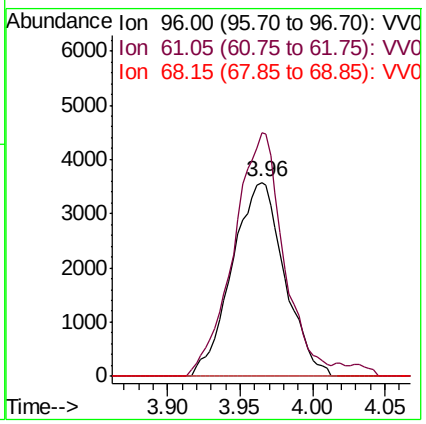


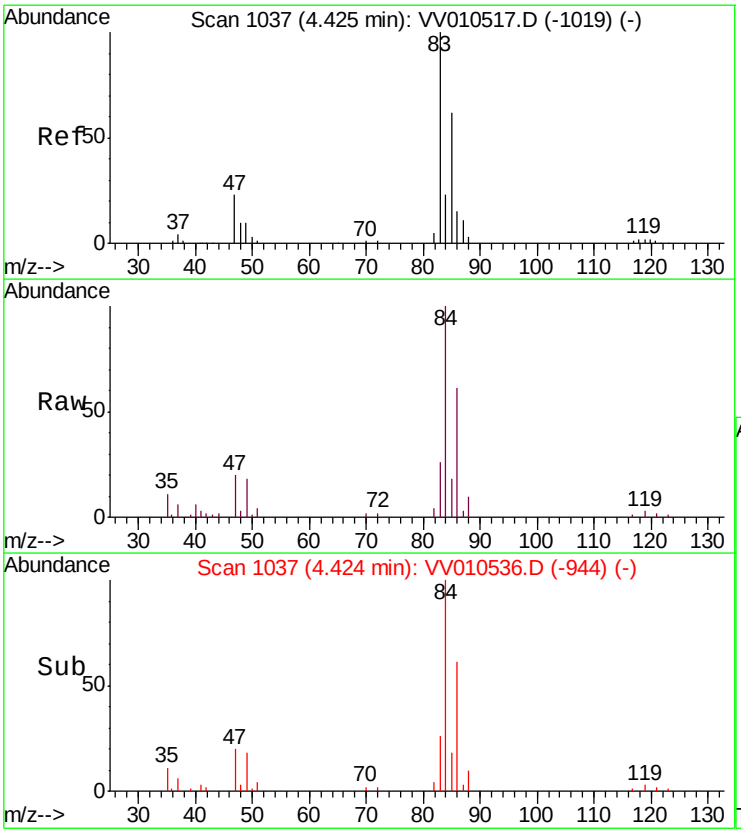
#22
cis-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument :
MSVOA_V
ClientSampleId :
C0X56

Tgt Ion: 96 Resp: 9008

Ion	Ratio	Lower	Upper
96	100		
61	125.5	79.9	148.3
68	0.0	0.0	0.0

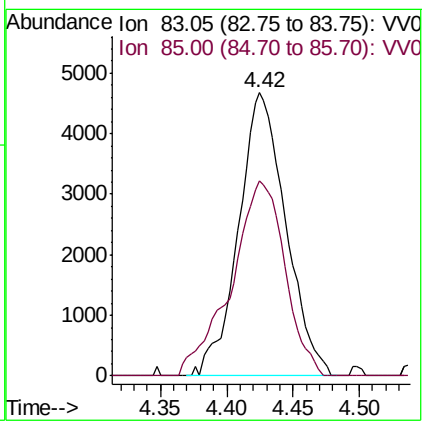


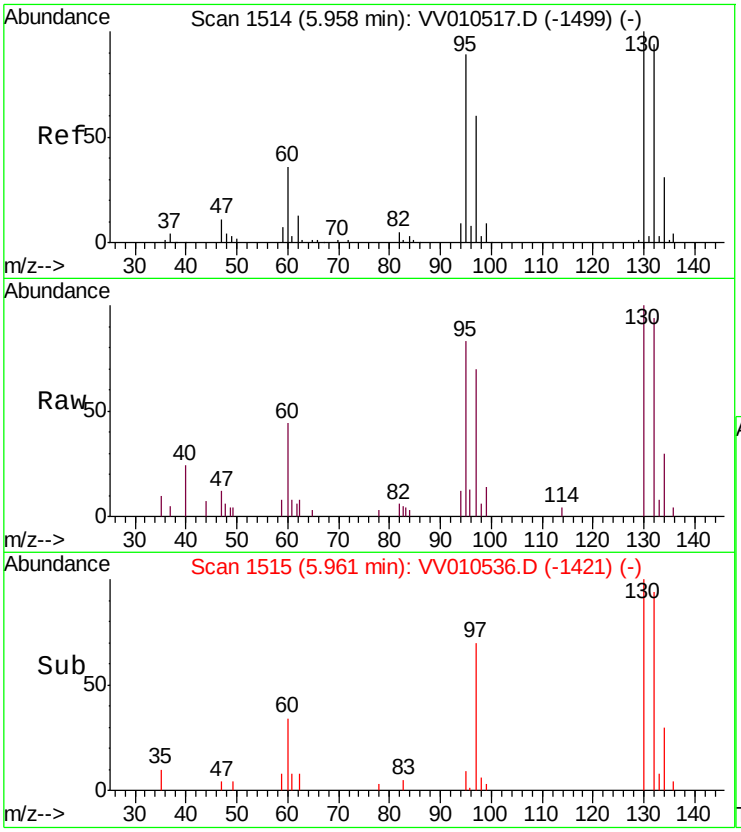


#25
Chloroform
Concen: 0.390 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 83 Resp: 11605

Ion	Ratio	Lower	Upper
83	100		
85	68.8	43.6	81.0



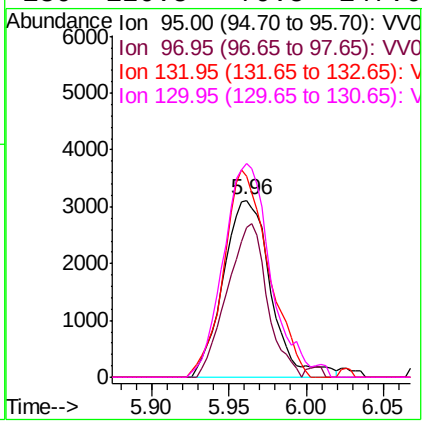


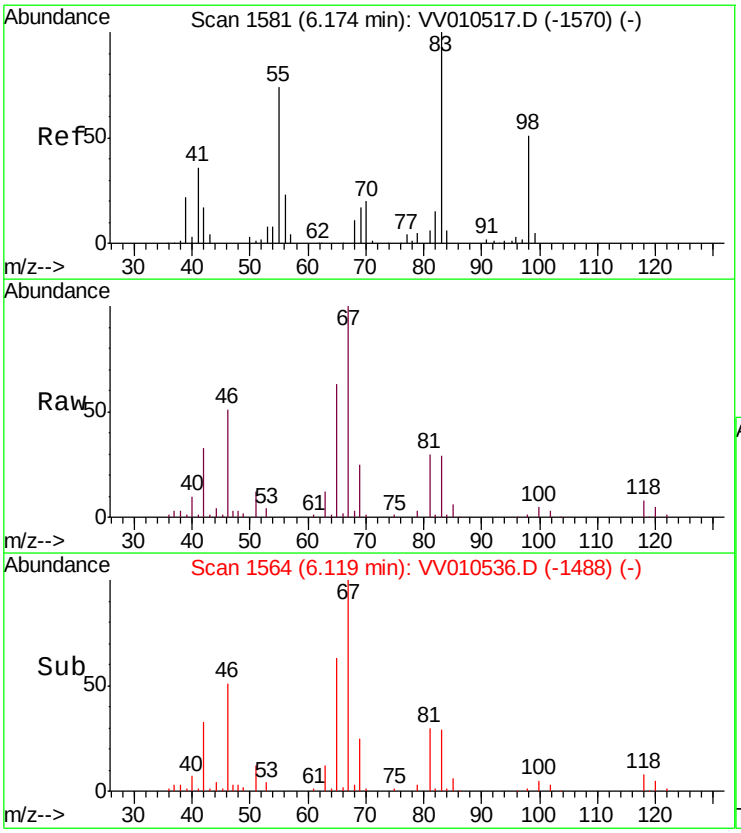
#34
Trichloroethene
Concen: 0.376 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument : MSVOA_V
ClientSampleId : C0X56

Tgt Ion: 95 Resp: 6649

Ion	Ratio	Lower	Upper
95	100		
97	84.4	43.3	80.5#
132	113.6	74.1	137.5
130	120.5	79.5	147.6

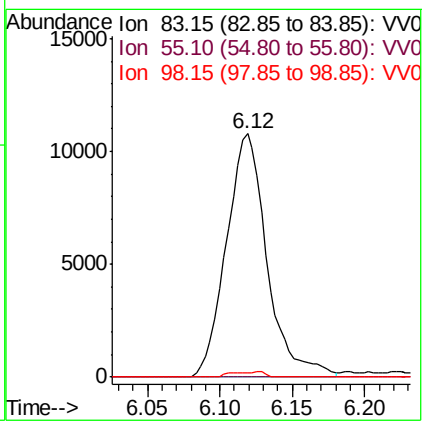


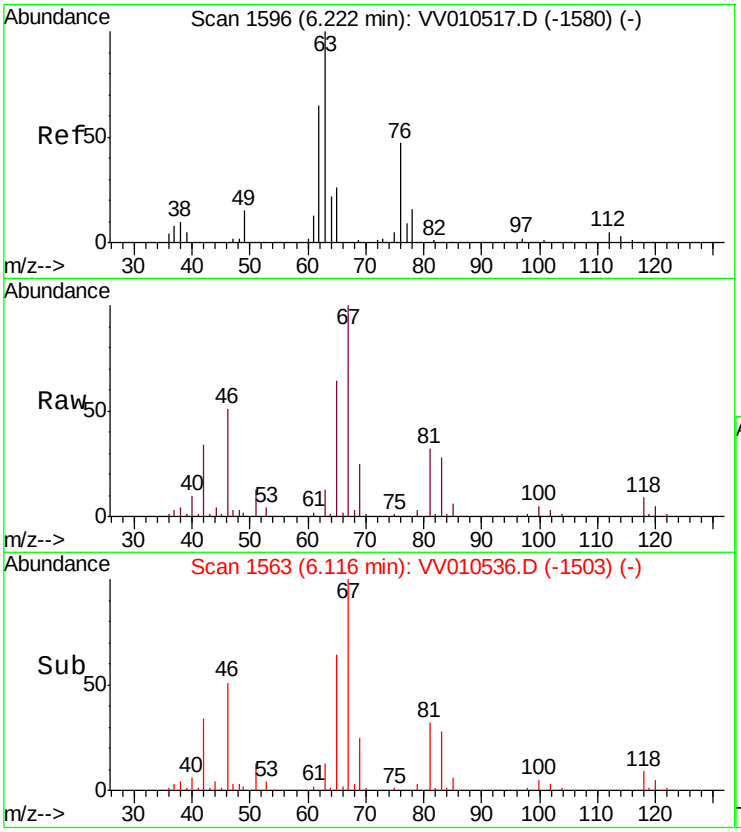


#35
Methylcyclohexane
Concen: 0.917 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 83 Resp: 21017

Ion	Ratio	Lower	Upper
83	100		
55	0.2	58.0	87.0#
98	1.7	40.4	60.6#



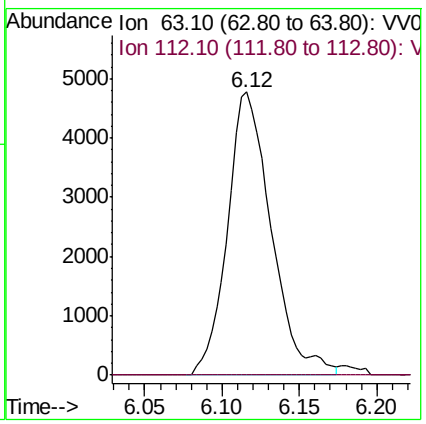


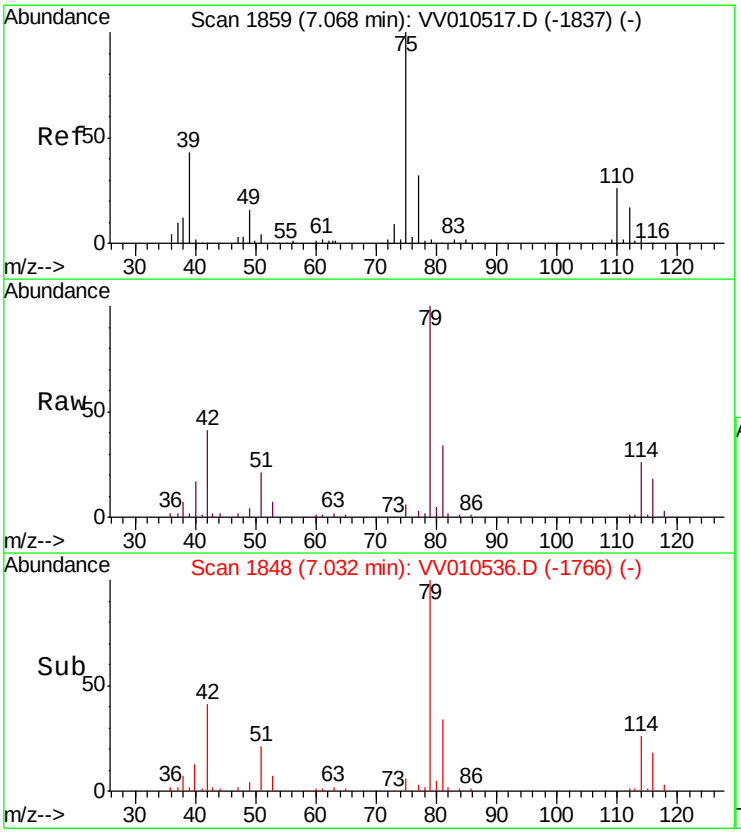
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument :
MSVOA_V
ClientSampleId :
C0X56

Tgt Ion: 63 Resp: 9411

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

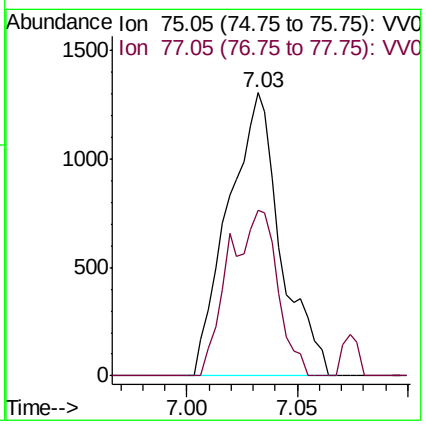


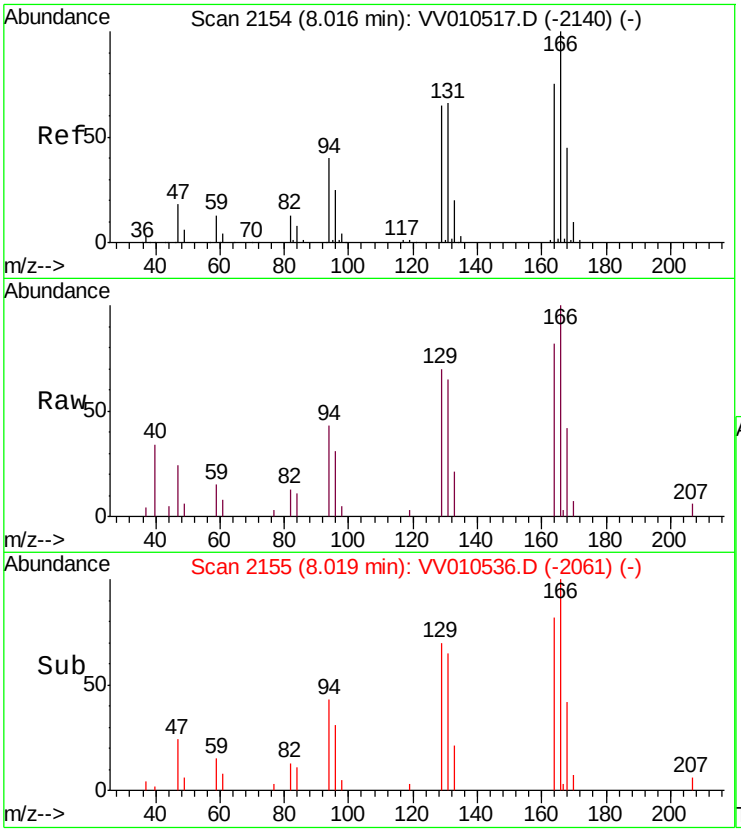


#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 75 Resp: 2159

Ion	Ratio	Lower	Upper
75	100		
77	58.3	21.6	40.0#



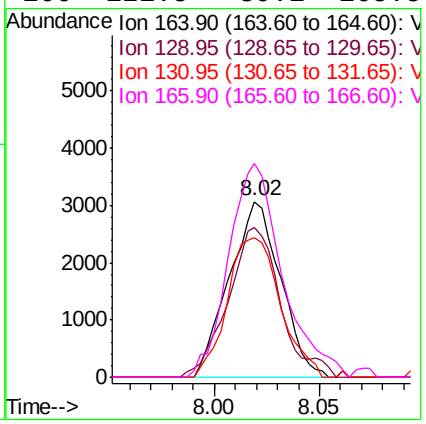


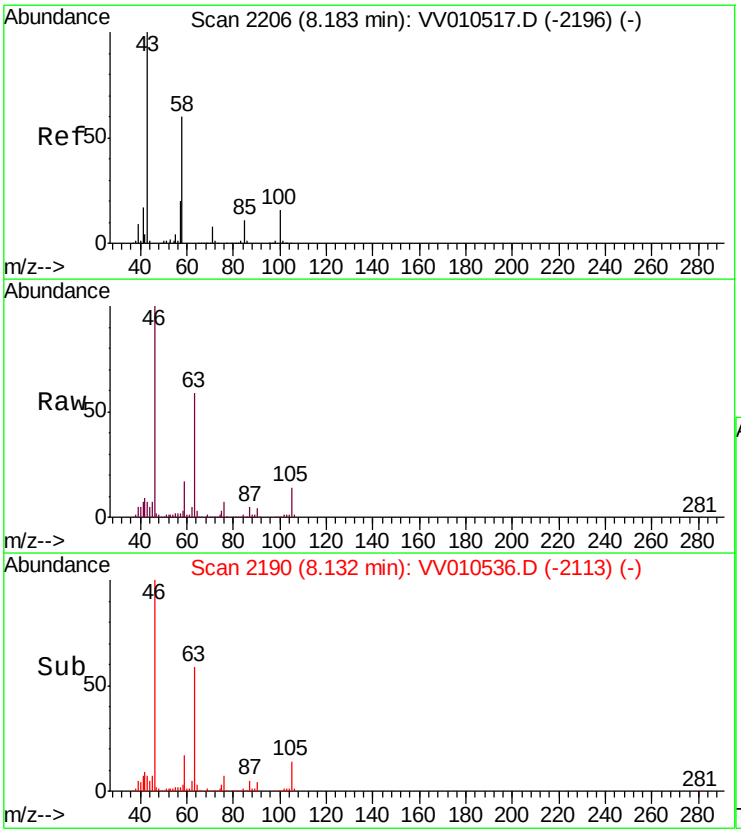
#47
Tetrachloroethene
Concen: 0.313 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument : MSVOA_V
ClientSampleId : C0X56

Tgt Ion:164 Resp: 5165

Ion	Ratio	Lower	Upper
164	100		
129	85.3	62.2	115.4
131	79.2	61.5	114.1
166	121.5	89.1	165.5

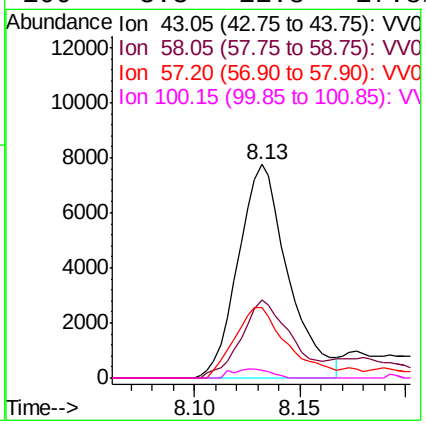


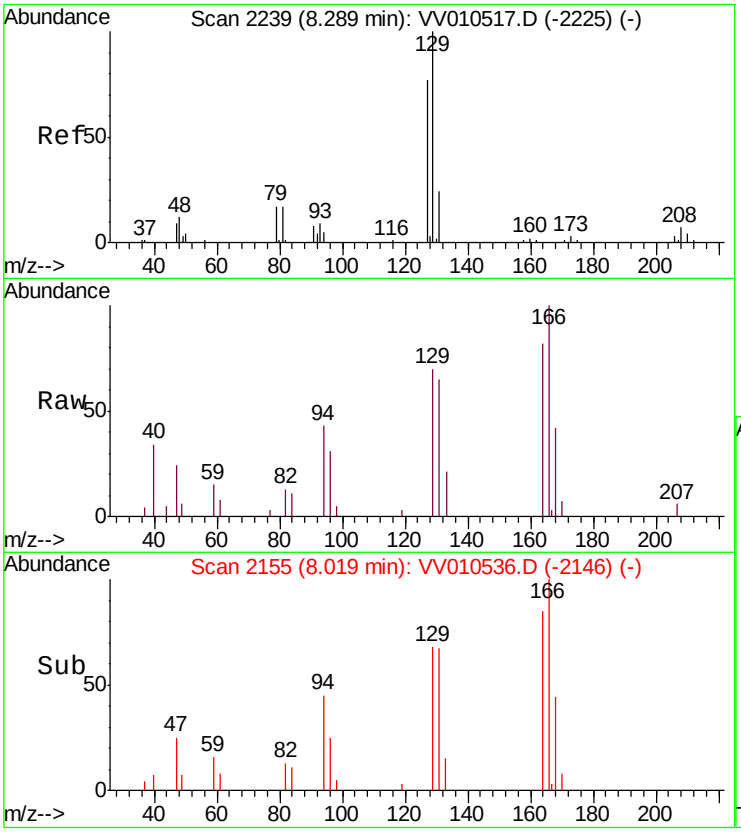


#48
2-Hexanone
Concen: 2.452 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 43 Resp: 12697

Ion	Ratio	Lower	Upper
43	100		
58	36.6	43.1	64.7#
57	35.4	16.3	24.5#
100	3.3	11.8	17.8#



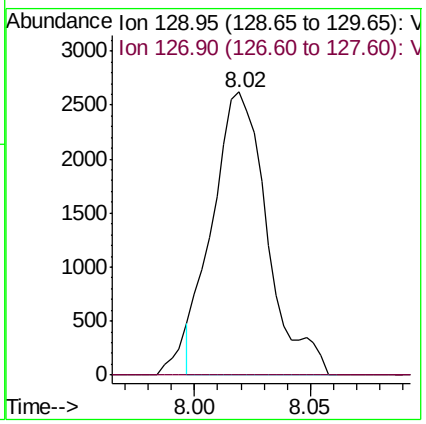


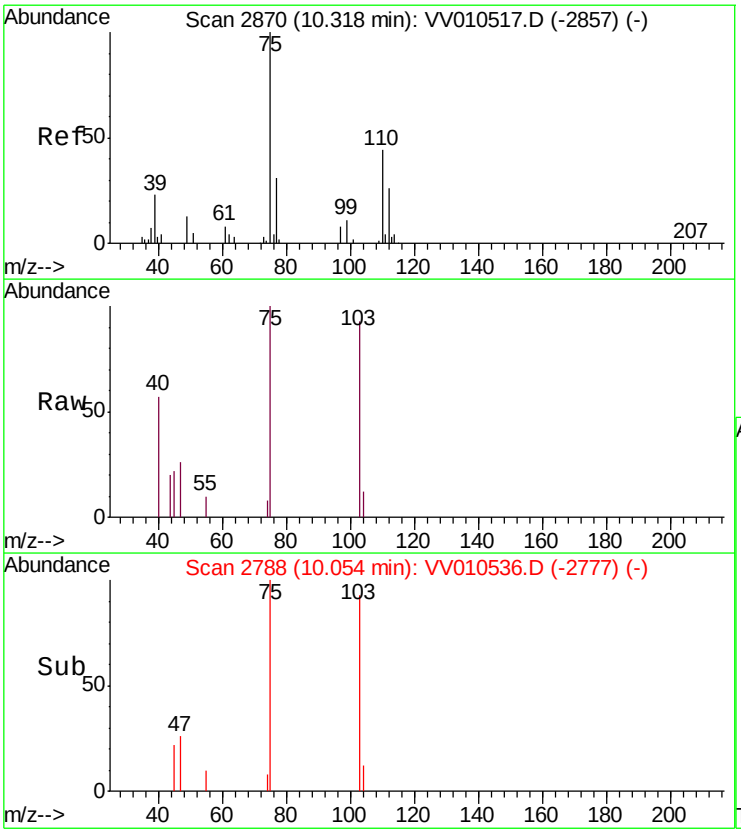
#49
Dibromochloromethane
Concen: 0.295 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument : MSVOA_V
ClientSampleId : C0X56

Tgt Ion:129 Resp: 4309

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#

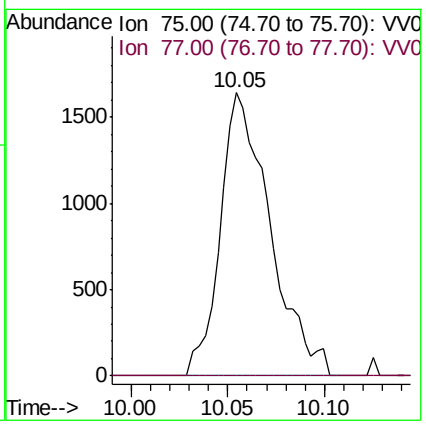


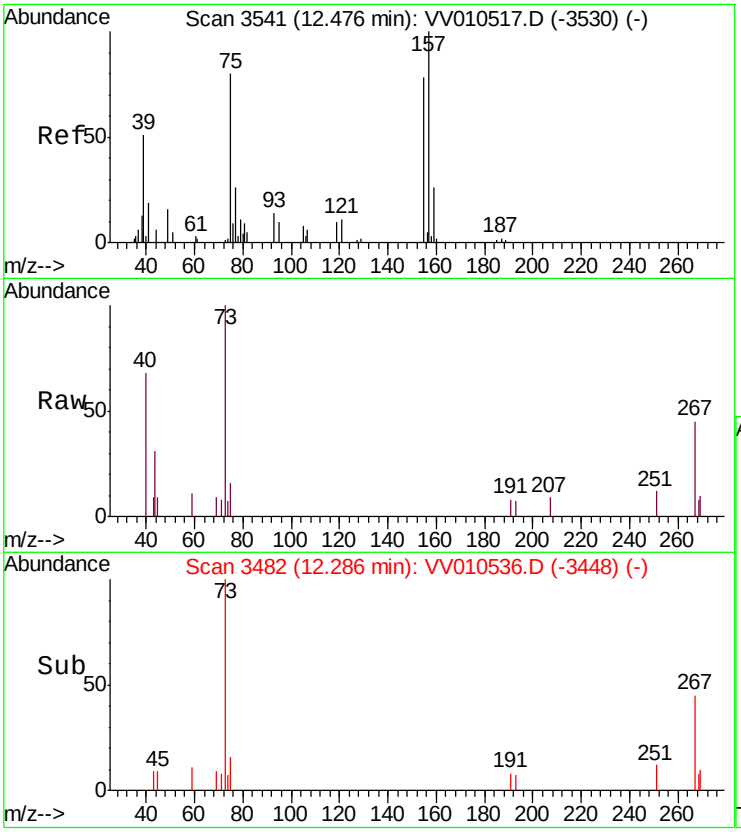


#59
1,2,3-Trichloropropane
Concen: 0.328 ug/L
RT: 10.05 min Scan# 2788
Delta R.T. -0.26 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Tgt Ion: 75 Resp: 2939

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.9	40.3#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.126 ug/L
RT: 12.29 min Scan# 3482
Delta R.T. -0.19 min
Lab File: VV010536.D
Acq: 27 Apr 2019 08:09

Instrument :
MSVOA_V
ClientSampleId :
C0X56

Tgt Ion: 75 Resp: 221

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.4	110.0#
157	0.0	99.4	149.2#