Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\

Quantitation Report (Not Reviewed)

Data File : VV010594.D
Acq On : 01 May 2019 00:13
Operator : SY/MD
Sample : K2590-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XC4

Quant Time: May 01 08:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168766	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70148	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49730	5.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.80%			
7) Chloroethane-d5	1.57	69	37431	5.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.60%			
11) 1,1-Dichloroethene-d2	2.13	63	74040	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.60%			
20) 2-Butanone-d5	3.94	46	130452	60.98	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.96%			
24) Chloroform-d	4.40	84	108928	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	5.08	65	57276	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.20%			
32) Benzene-d6	5.10	84	220460	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.40%			
36) 1,2-Dichloropropane-d6	6.12	67	67253	5.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.20%			
41) Toluene-d8	7.36	98	192055	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	7.67	79	21955	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.13	63	112490	62.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47969	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	78463	6.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 128.80%#			
Target Compounds						Qvalue
8) Chloroethane	1.50	64	998	0.147	ug/L	84
9) Trichlorofluoromethane	1.76	101	445706	20.100	ug/L	99
13) Acetone	2.19	43	27866	21.066	ug/L	93
15) Methyl Acetate	2.32	43	13044	2.953	ug/L #	51
21) 2-Butanone	4.03	43	2850	1.208	ug/L #	70
25) Chloroform	4.43	83	3818	0.177	ug/L	79
27) 1,2-Dichloroethane	5.10	62	1475	0.120	ug/L #	77
31) Carbon tetrachloride	4.87	117	10958	0.630	ug/L	97
34) Trichloroethene	5.96	95	24315	1.870	ug/L	95
35) Methylcyclohexane	6.12	83	16944	0.936	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	7288	0.656	ug/L #	89
39) cis-1,3-Dichloropropene	7.02	75	984	0.063	ug/L #	65
42) Toluene	7.43	91	4427	0.089	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	696	0.092	ug/L #	73
47) Tetrachloroethene	8.02	164	1158556	116.823	ug/L	95
49) Dibromochloromethane	8.02	129	1084568	118.208	ug/L #	8
51) Chlorobenzene	8.92	112	5292	0.160	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\

Quantitation Report (Not Reviewed)

Data File : VV010594.D
Acq On : 01 May 2019 00:13
Operator : SY/MD
Sample : K2590-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XC4

Quant Time: May 01 08:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) 1,2-Dibromo-3-chloropropan	12.31	75	116	0.094	ug/L	#	7

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\

Quantitation Report (Not Reviewed)

Data File : VV010594.D
Acq On : 01 May 2019 00:13
Operator : SY/MD
Sample : K2590-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

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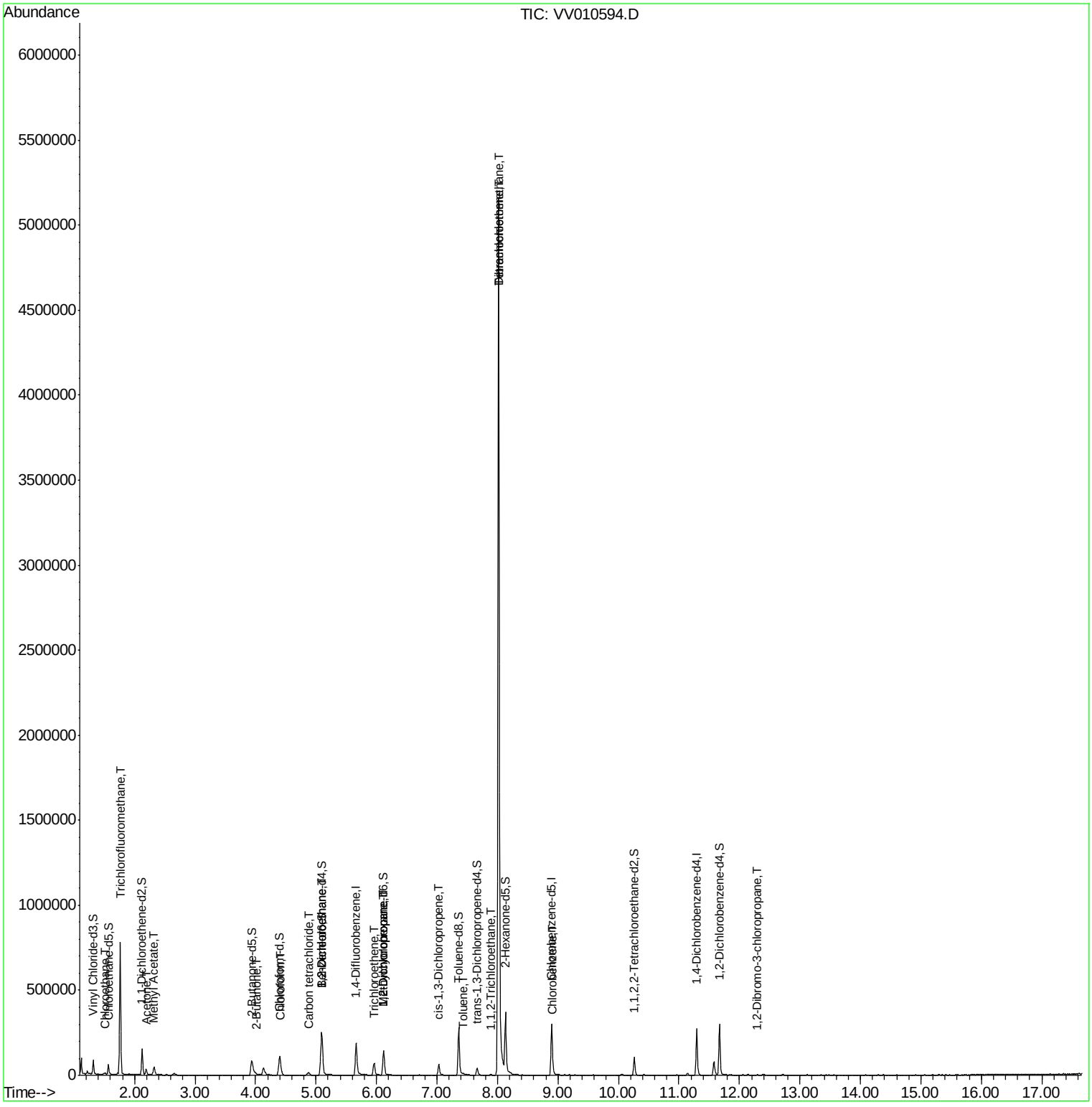
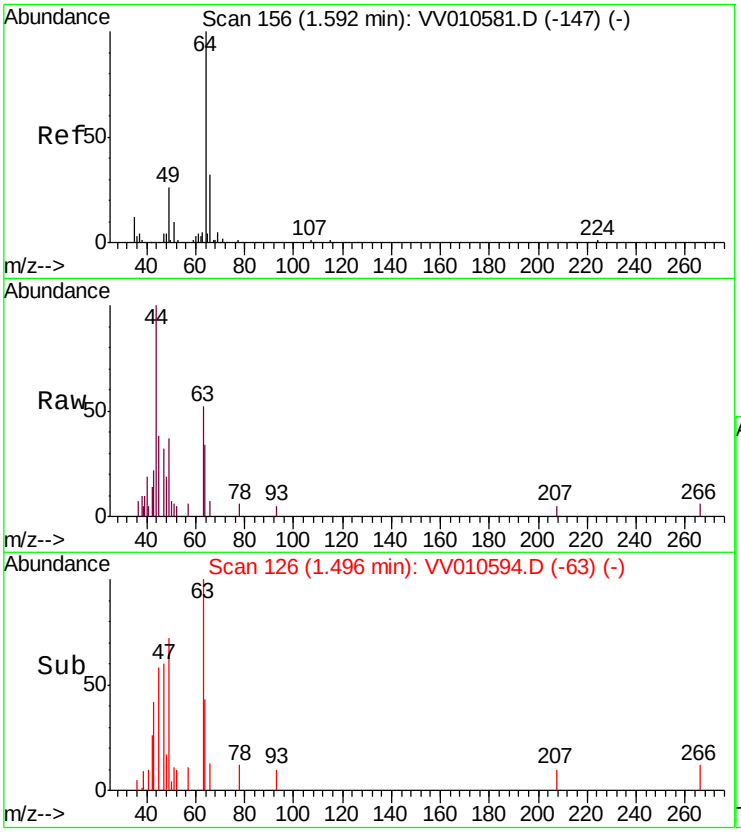
Quant Time: May 01 08:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration



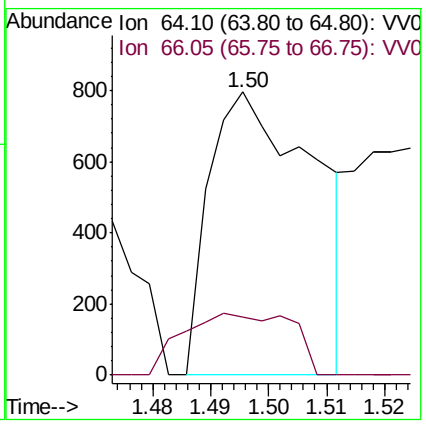


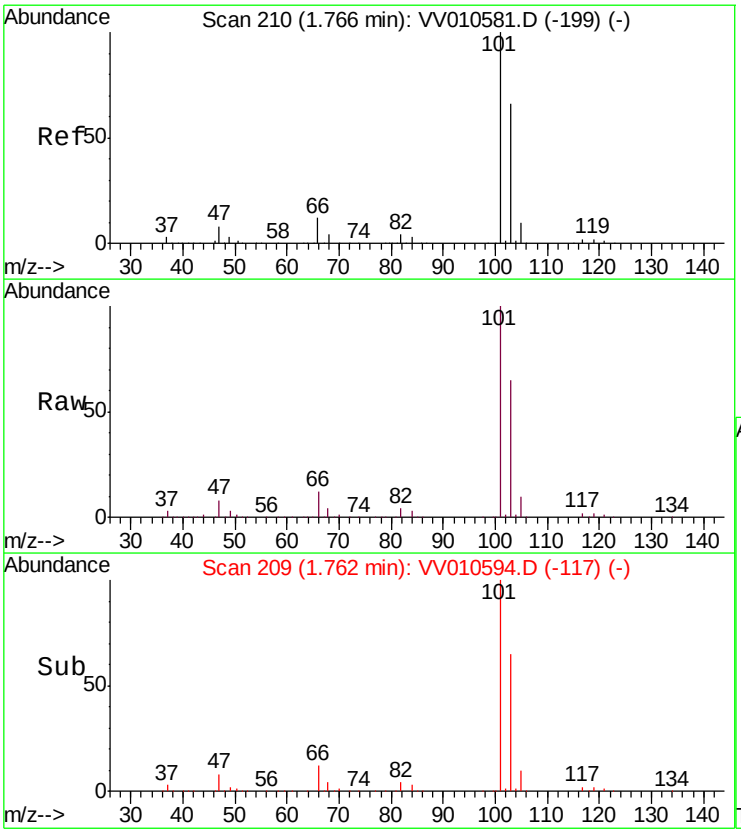
#8
Chloroethane
Concen: 0.147 ug/L
RT: 1.50 min Scan# 126
Delta R.T. -0.10 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion: 64 Resp: 998

Ion	Ratio	Lower	Upper
64	100		
66	20.4	20.3	37.7

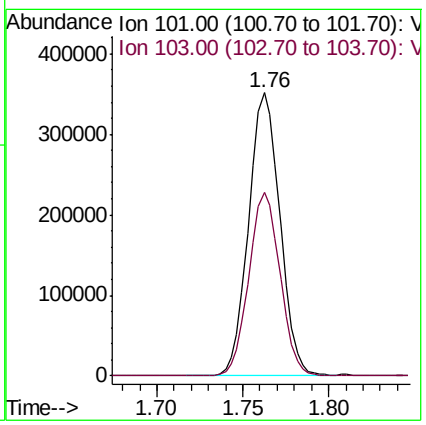


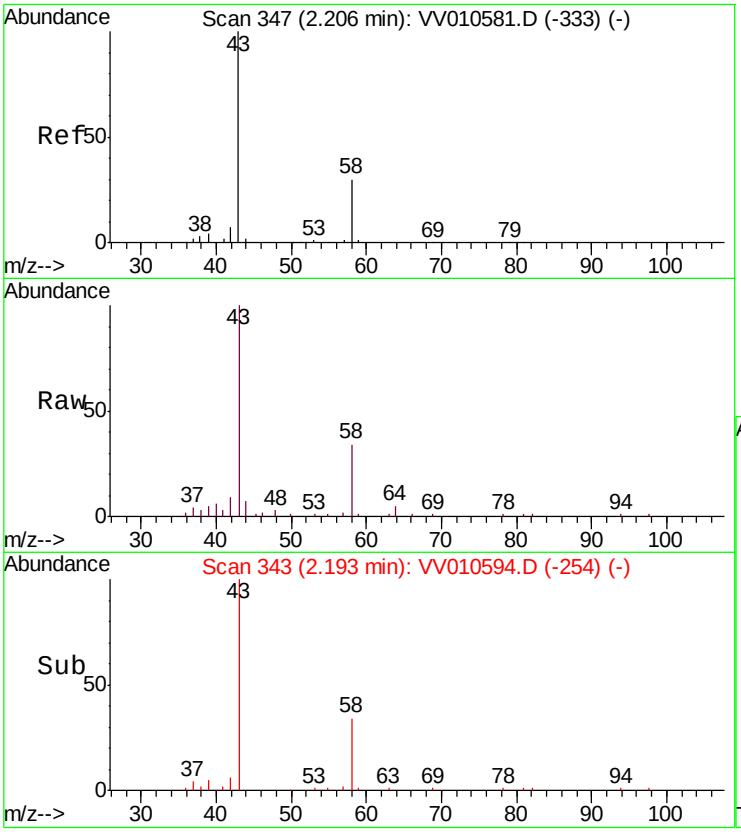


#9
Trichlorofluoromethane
Concen: 20.100 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion:101 Resp: 445706

Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4



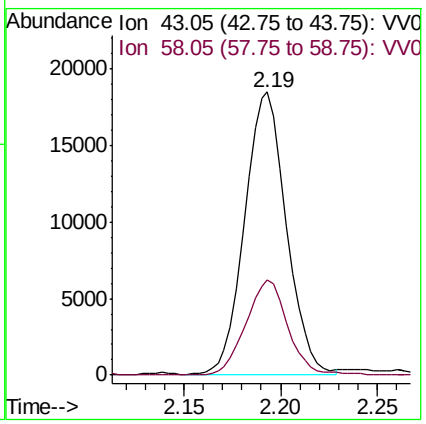


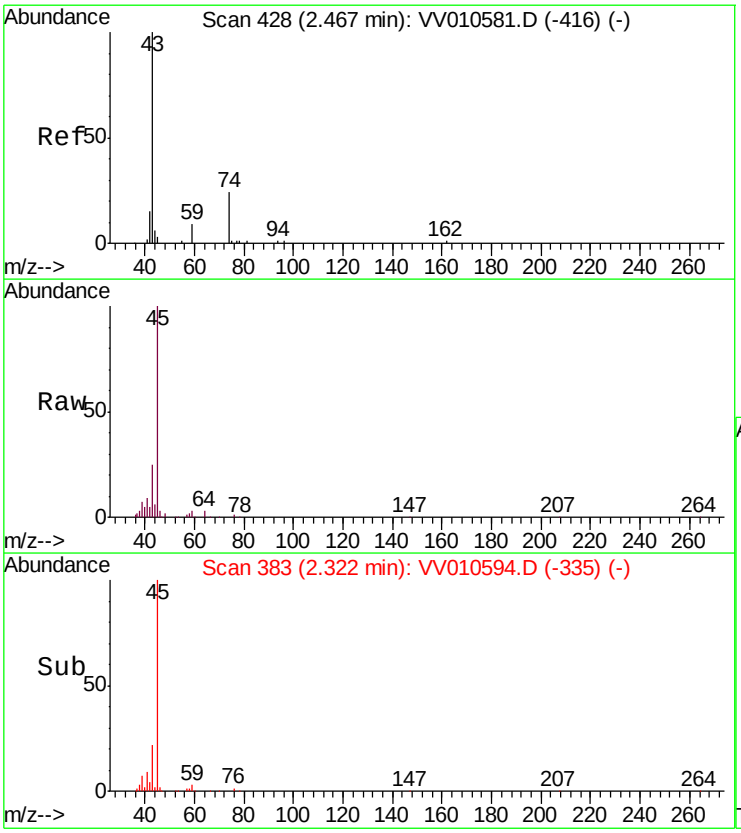
#13
Acetone
Concen: 21.066 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion: 43 Resp: 27866

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	59.8

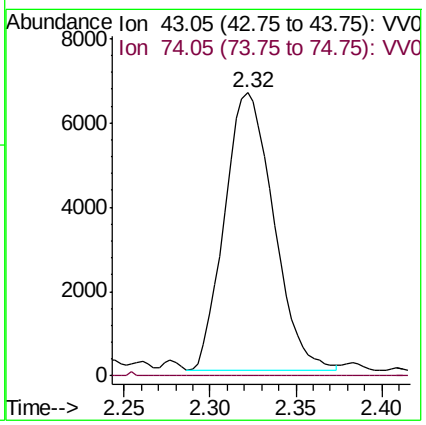


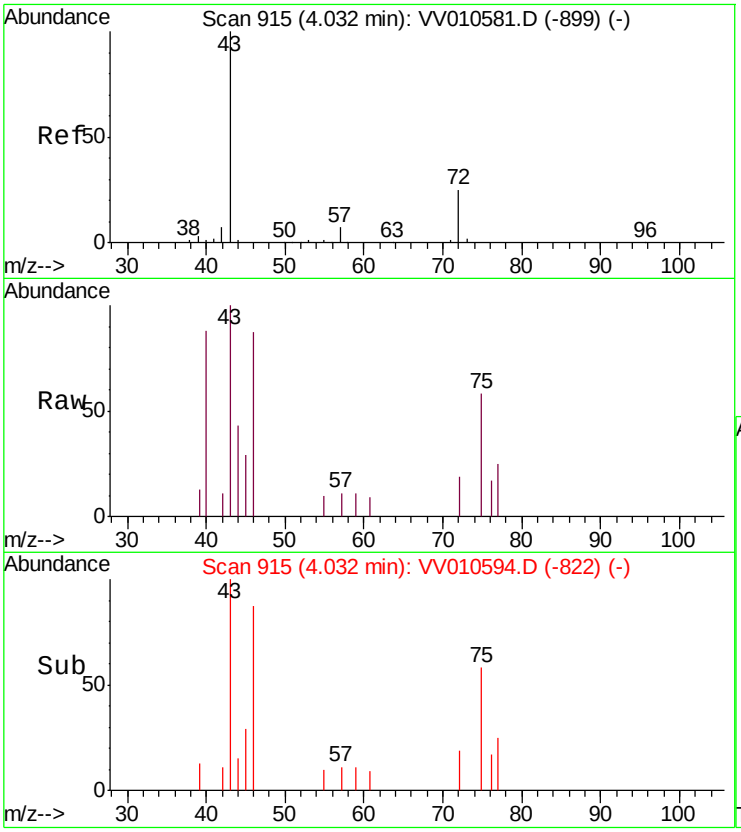


#15
Methyl Acetate
Concen: 2.953 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.14 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion: 43 Resp: 13044

Ion	Ratio	Lower	Upper
43	100		
74	0.2	19.8	29.8#



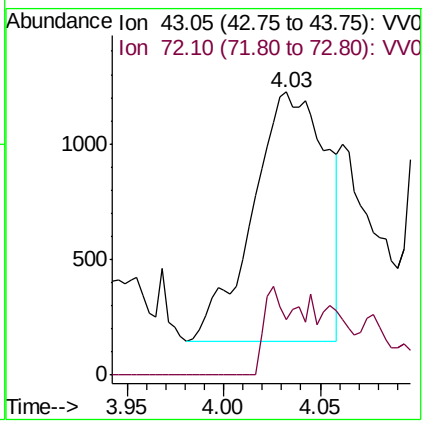


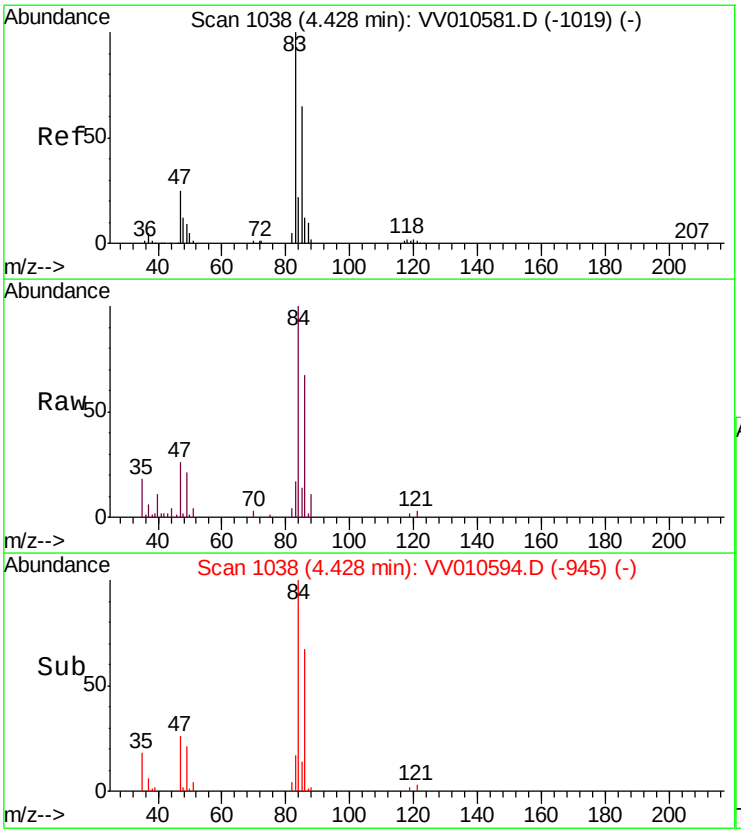
#21
2-Butanone
Concen: 1.208 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion: 43 Resp: 2850

Ion	Ratio	Lower	Upper
43	100		
72	9.7	12.5	37.5#

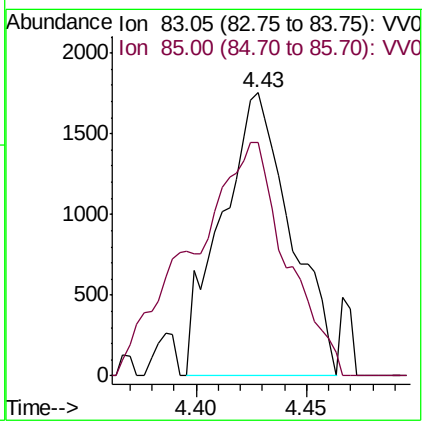


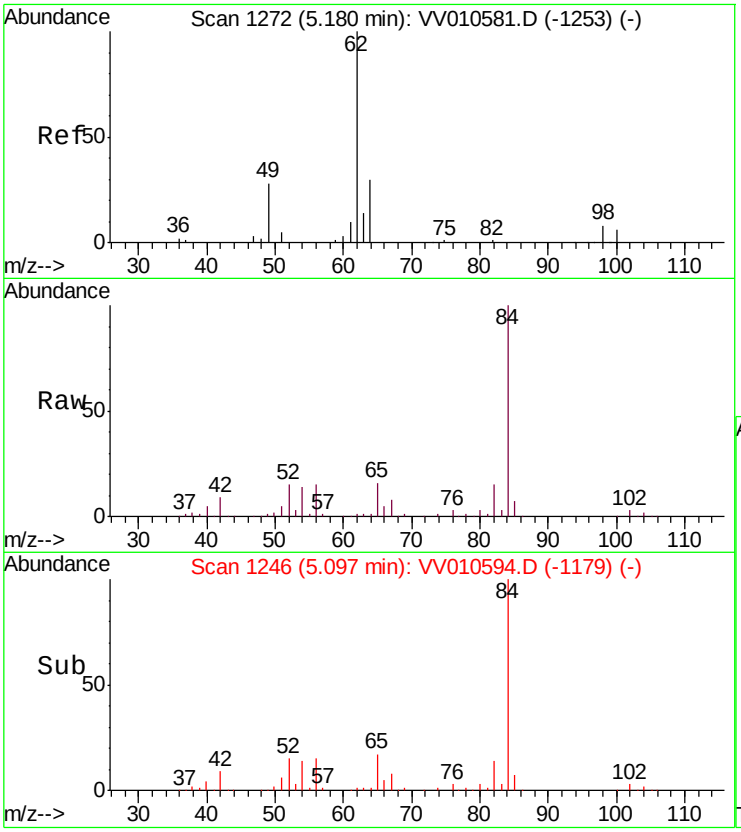


#25
Chloroform
Concen: 0.177 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion: 83 Resp: 3818

Ion	Ratio	Lower	Upper
83	100		
85	82.4	45.8	85.2



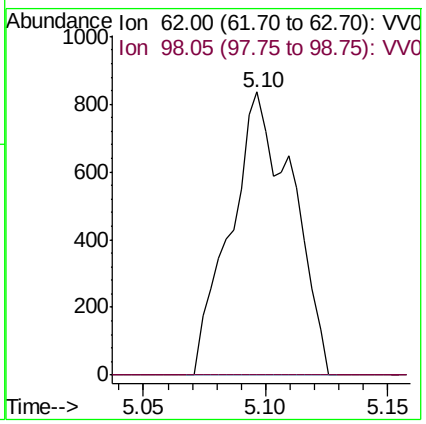


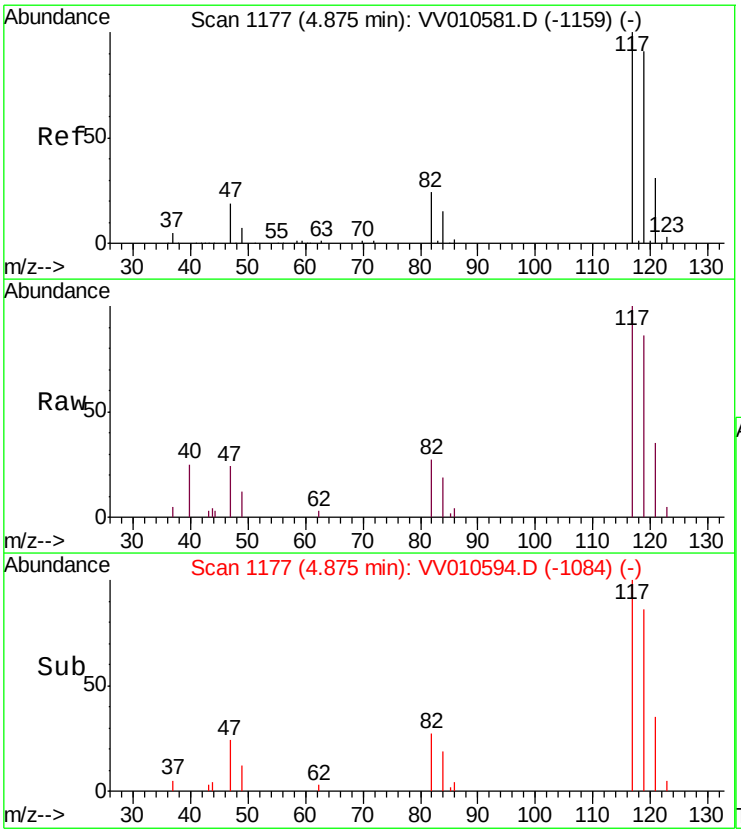
#27
1,2-Dichloroethane
Concen: 0.120 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion: 62 Resp: 1475

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#

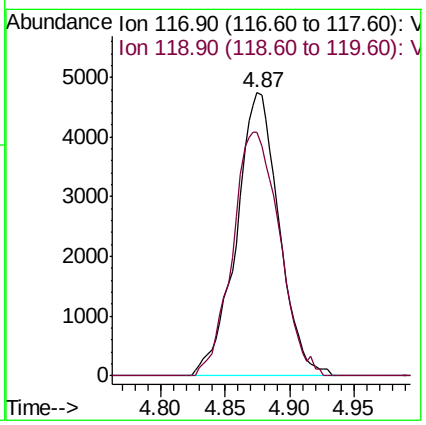


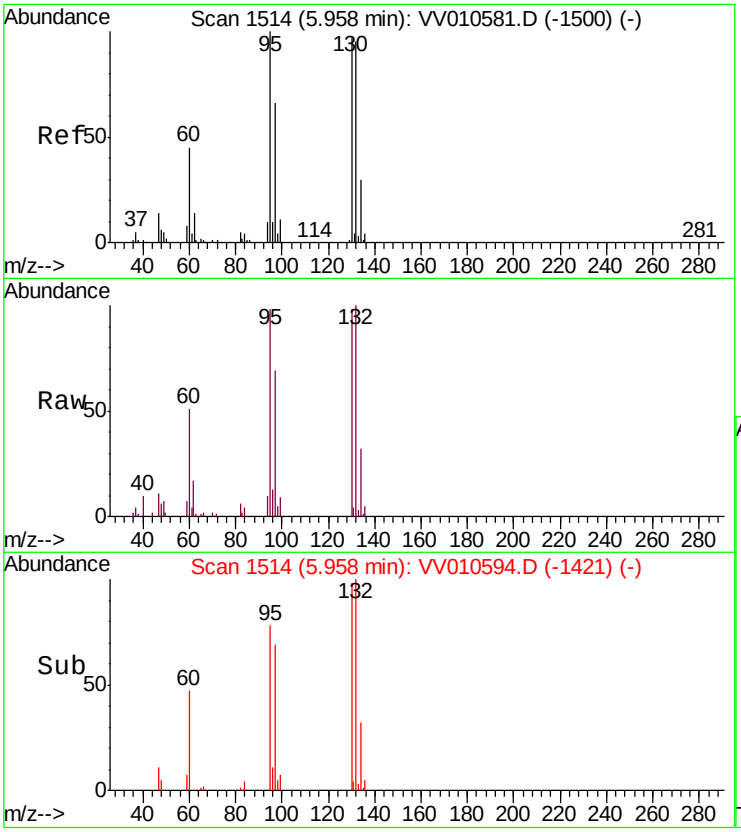


#31
Carbon tetrachloride
Concen: 0.630 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion:117 Resp: 10958

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.7	116.5



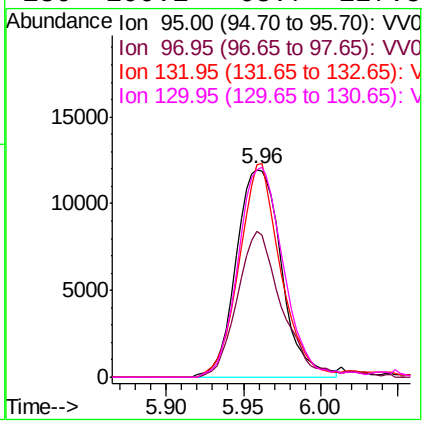


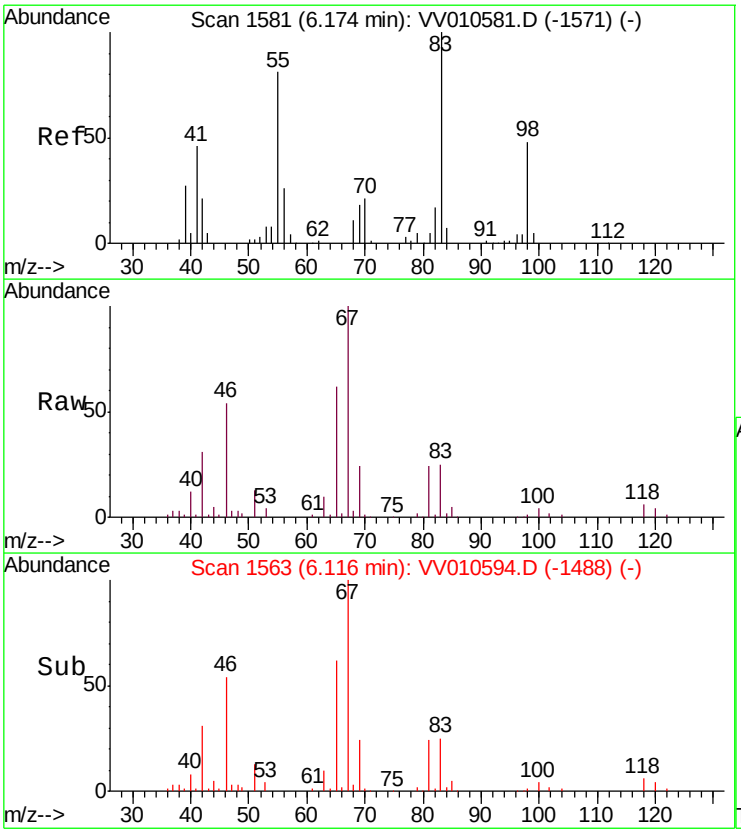
#34
Trichloroethene
Concen: 1.870 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument : MSVOA_V
ClientSampleId : C0XC4

Tgt Ion: 95 Resp: 24315

Ion	Ratio	Lower	Upper
95	100		
97	70.0	44.3	82.3
132	102.0	67.1	124.7
130	100.1	68.7	127.5

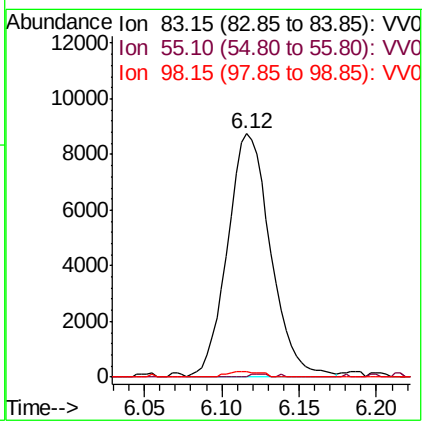


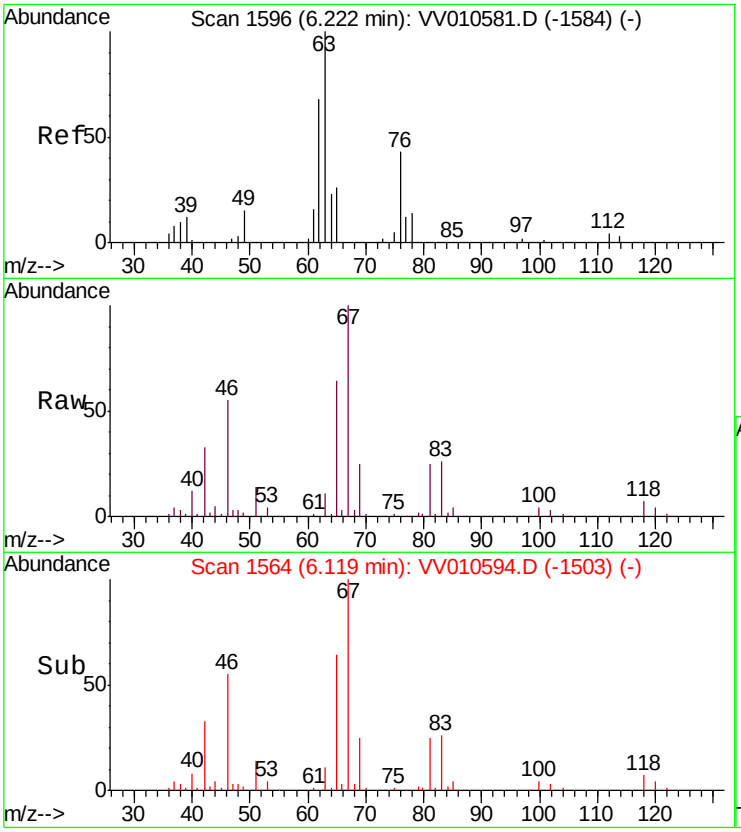


#35
Methylcyclohexane
Concen: 0.936 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion: 83 Resp: 16944

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	1.8	38.8	58.2#



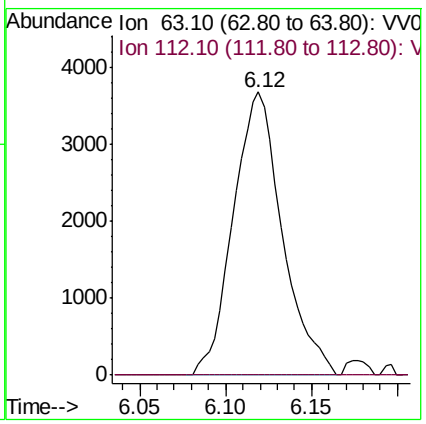


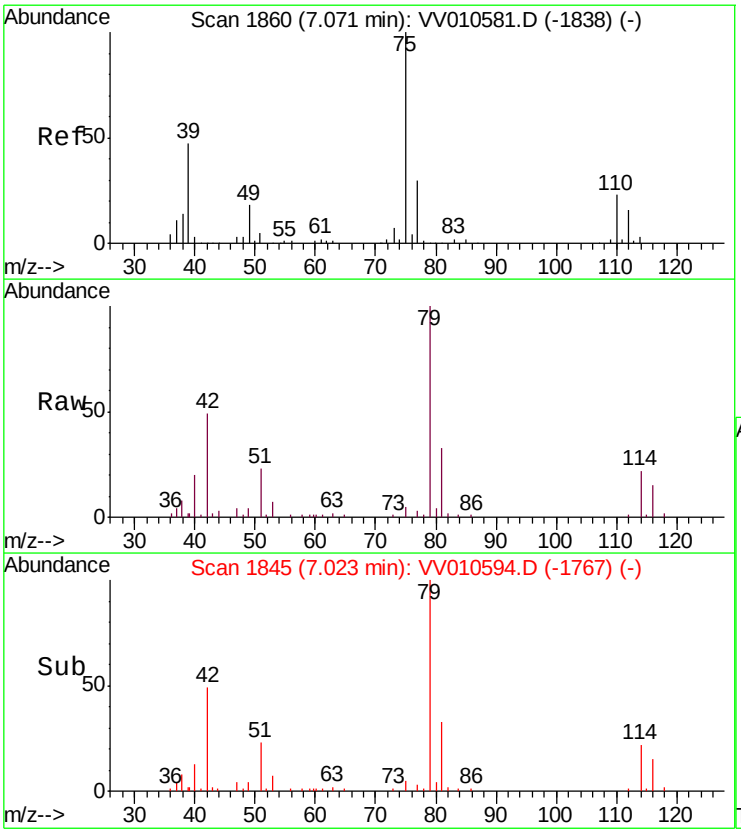
#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion: 63 Resp: 7288

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.6	5.4#

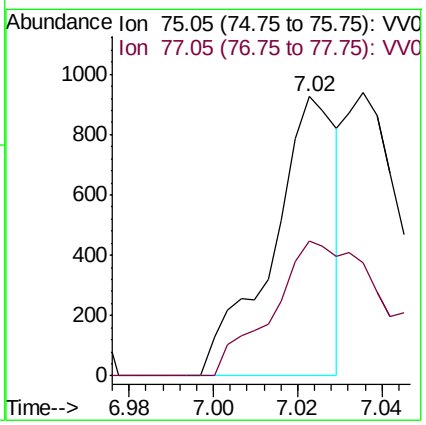


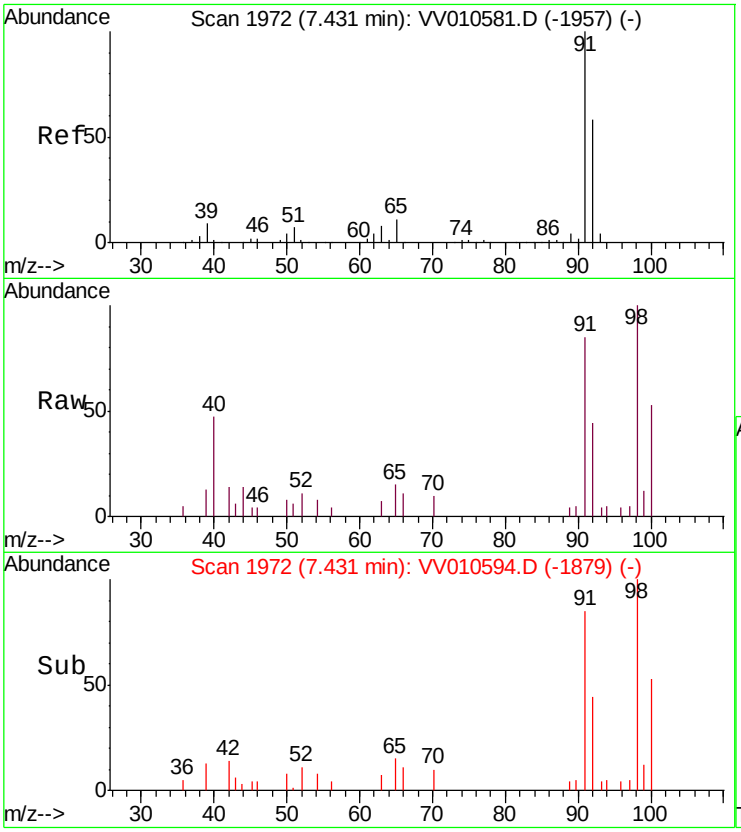


#39
cis-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion: 75 Resp: 984

Ion	Ratio	Lower	Upper
75	100		
77	48.5	20.9	38.7#



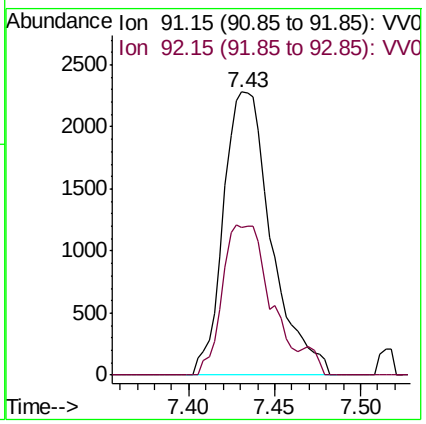


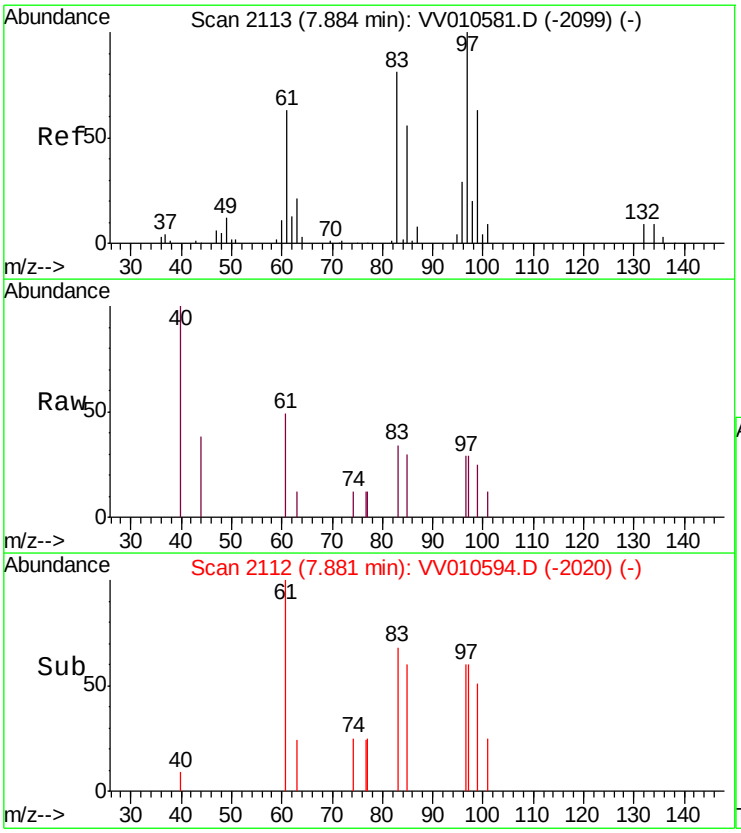
#42
Toluene
Concen: 0.089 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion: 91 Resp: 4427

Ion	Ratio	Lower	Upper
91	100		
92	52.3	40.1	74.5

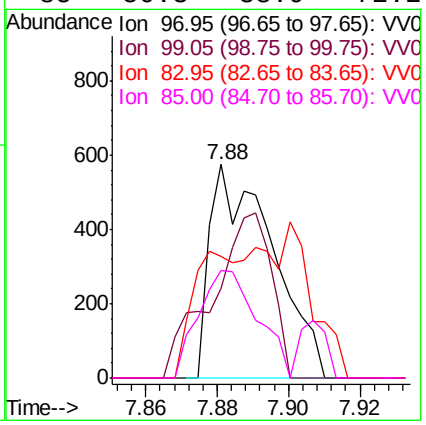


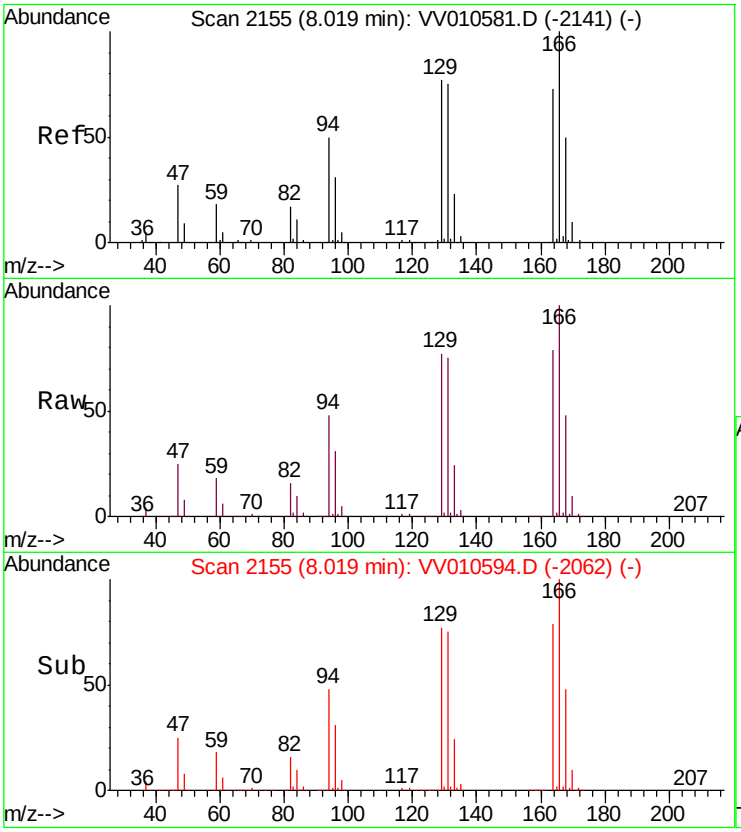


#45
1,1,2-Trichloroethane
Concen: 0.092 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion: 97 Resp: 696

Ion	Ratio	Lower	Upper
97	100		
99	42.3	47.9	89.1#
83	57.0	62.9	116.9#
85	50.3	38.9	72.2



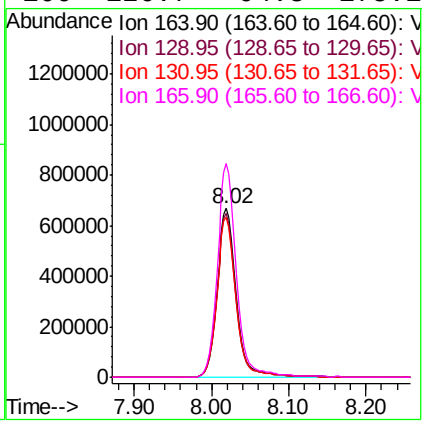


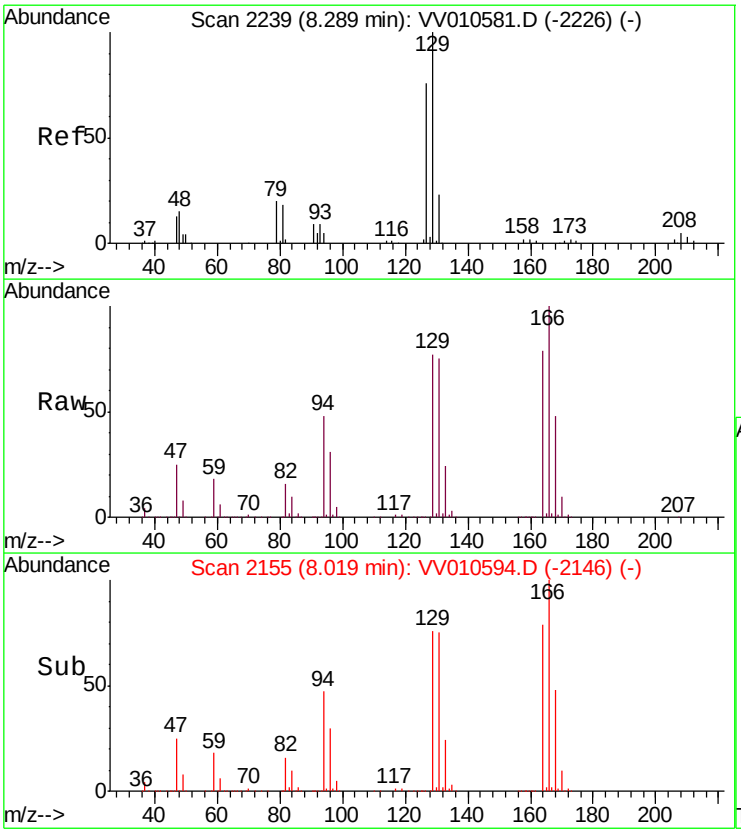
#47
Tetrachloroethene
Concen: 116.823 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion:164 Resp: 1158556

Ion	Ratio	Lower	Upper
164	100		
129	97.3	69.8	129.6
131	94.9	70.2	130.4
166	126.7	94.3	175.1

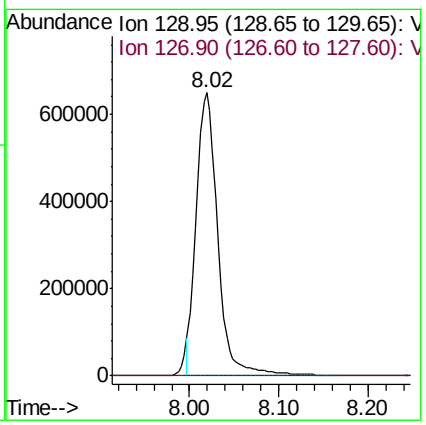


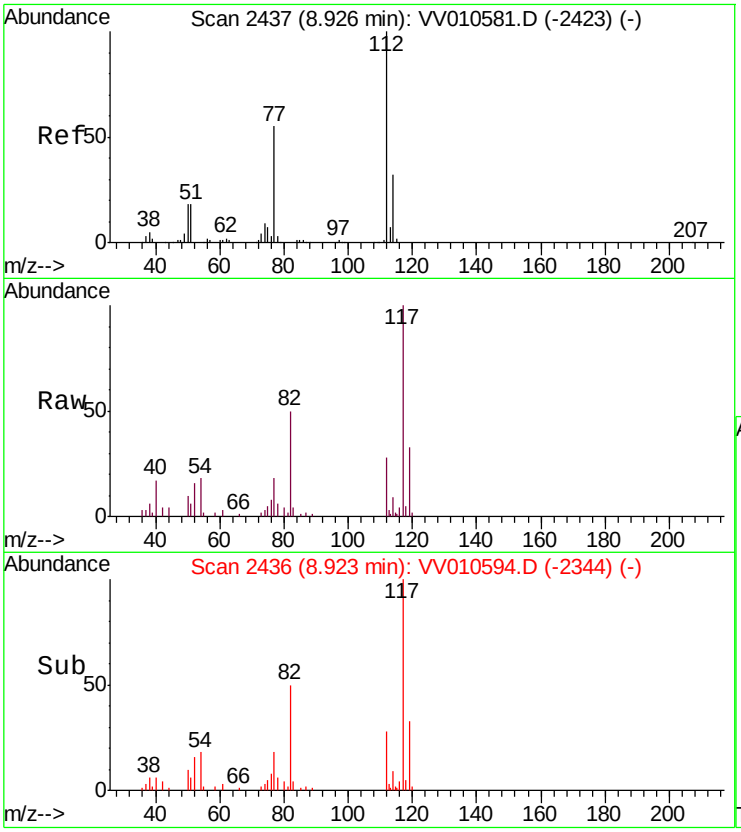


#49
Dibromochloromethane
Concen: 118.208 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion:129 Resp: 1084568

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.5	106.7#



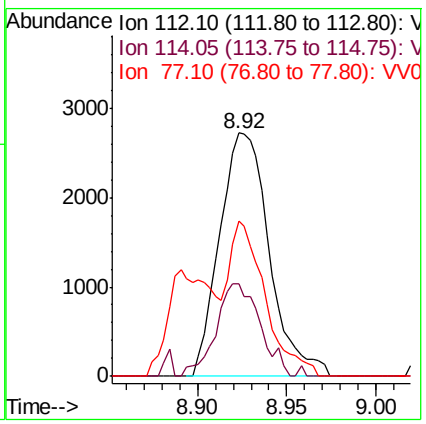


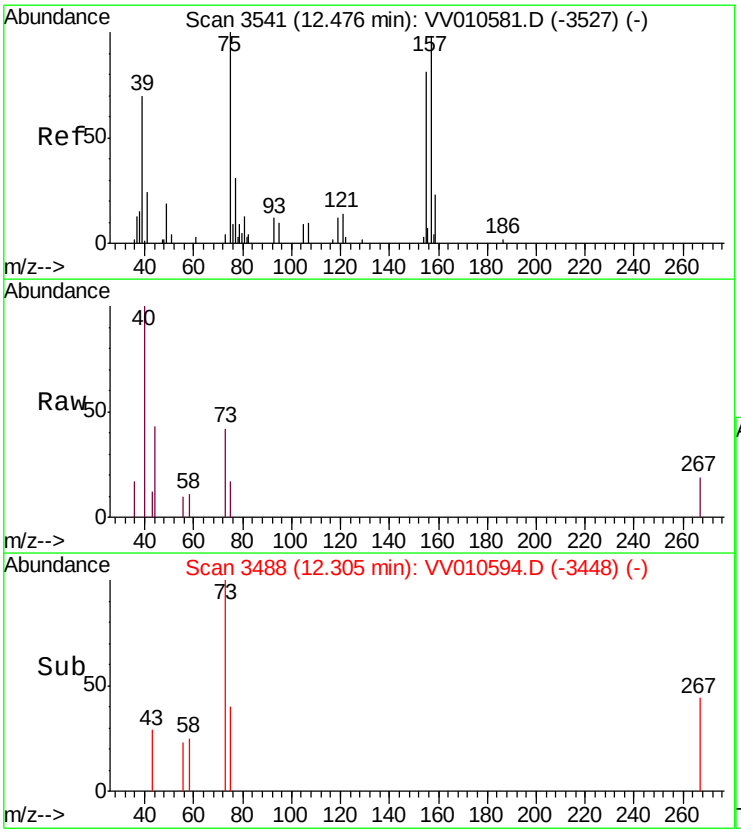
#51
Chlorobenzene
Concen: 0.160 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Instrument :
MSVOA_V
ClientSampleId :
C0XC4

Tgt Ion:112 Resp: 5292

Ion	Ratio	Lower	Upper
112	100		
114	34.3	23.1	42.9
77	57.8	44.9	67.3





#66
1,2-Dibromo-3-chloropropane
Concen: 0.094 ug/L
RT: 12.31 min Scan# 3488
Delta R.T. -0.17 min
Lab File: VV010594.D
Acq: 01 May 2019 00:13

Tgt Ion: 75 Resp: 116

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.4	89.2#
157	0.0	75.4	113.2#