Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091919\

Quantitation Report (Not Reviewed)

Data File : VV012912.D
Acq On : 19 Sep 2019 00:32
Operator : SY/MD
Sample : K4649-07MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5169MS

Quant Time: Sep 19 05:18:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366140	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361443	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	133982	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	154290	7.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 149.00%#			
7) Chloroethane-d5	1.58	69	141023	9.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 194.00%#			
11) 1,1-Dichloroethene-d2	2.13	63	266677	7.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 142.00%#			
20) 2-Butanone-d5	3.96	46	171680	36.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.96%			
24) Chloroform-d	4.40	84	278831	6.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.60%			
26) 1,2-Dichloroethane-d4	5.08	65	141239	5.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.60%			
32) Benzene-d6	5.10	84	565962	6.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.40%			
36) 1,2-Dichloropropane-d6	6.12	67	178909	7.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 140.60%#			
41) Toluene-d8	7.36	98	460125	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
43) trans-1,3-Dichloropropene-	7.66	79	55364	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
46) 2-Hexanone-d5	8.14	63	233871	59.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.80%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	126992	6.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 133.00%#			
66) 1,2-Dichlorobenzene-d4	11.67	152	159319	6.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 133.60%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2295	0.126	ug/L #	16
12) 1,1-Dichloroethene	2.14	96	133428	7.932	ug/L	92
16) Methylene chloride	2.54	84	4310	0.250	ug/L	92
25) Chloroform	4.43	83	10074	0.185	ug/L	89
27) 1,2-Dichloroethane	5.14	62	5564	0.186	ug/L #	76
33) Benzene	5.15	78	596462	6.075	ug/L	100
34) Trichloroethene	5.96	95	143530	5.126	ug/L	98
35) Methylcyclohexane	6.12	83	42974	0.980	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	19659	0.865	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3919	0.110	ug/L #	68
42) Toluene	7.43	91	603654	5.530	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2595	0.090	ug/L #	78
47) Tetrachloroethene	8.02	164	2560	0.105	ug/L	89
48) 2-Hexanone	8.14	43	26165	2.889	ug/L #	76
51) Chlorobenzene	8.92	112	392619	5.379	ug/L	99
61) 1,2,3-Trichloropropane	11.29	75	16243	1.663	ug/L #	40
62) 1,3,5-Trimethylbenzene	10.58	105	342	0.005	ug/L #	27

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091919\

Quantitation Report (Not Reviewed)

Data File : VV012912.D
Acq On : 19 Sep 2019 00:32
Operator : SY/MD
Sample : K4649-07MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5169MS

Quant Time: Sep 19 05:18:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.96	105	314	0.004	ug/L	91

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

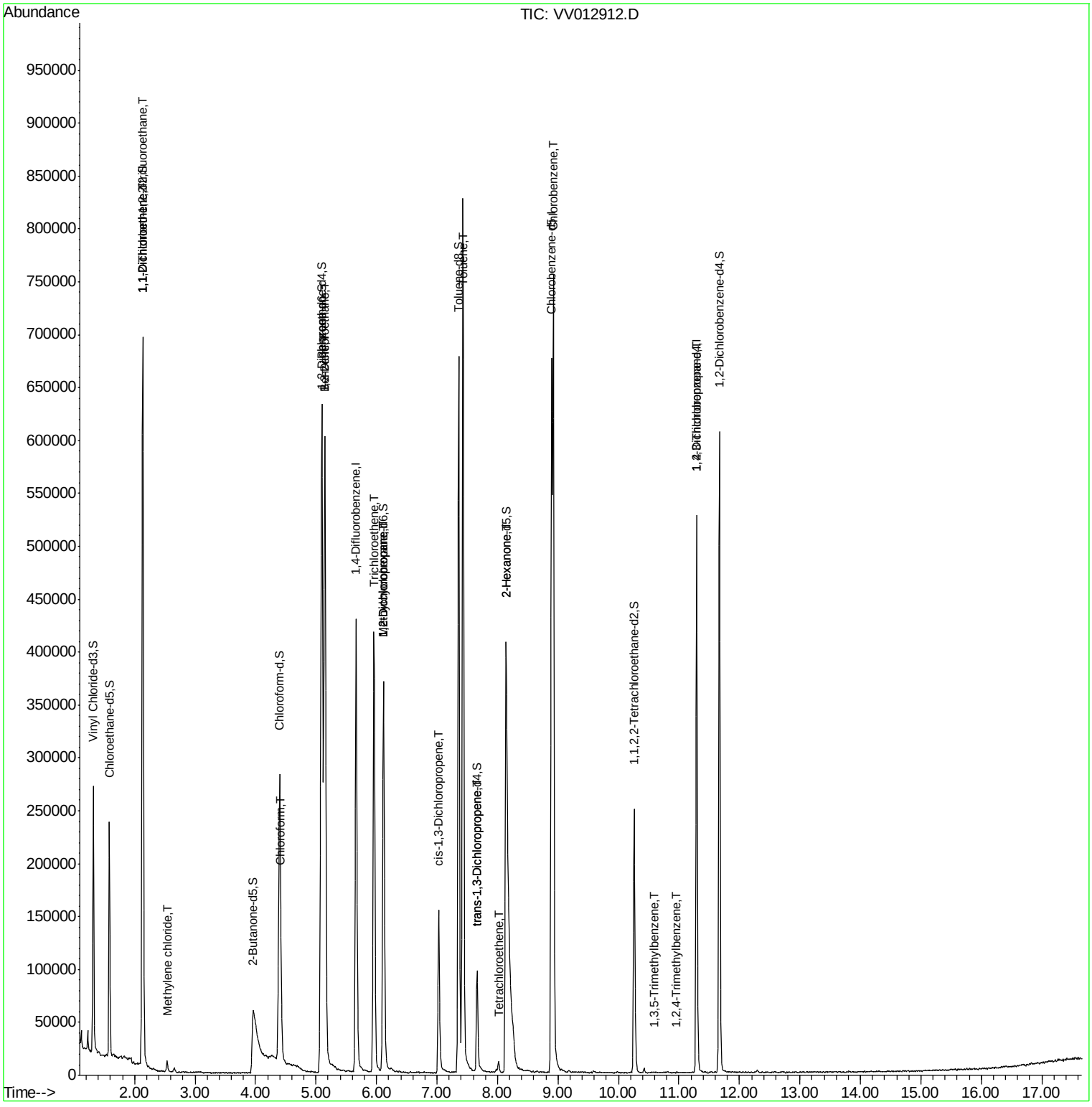
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091919\

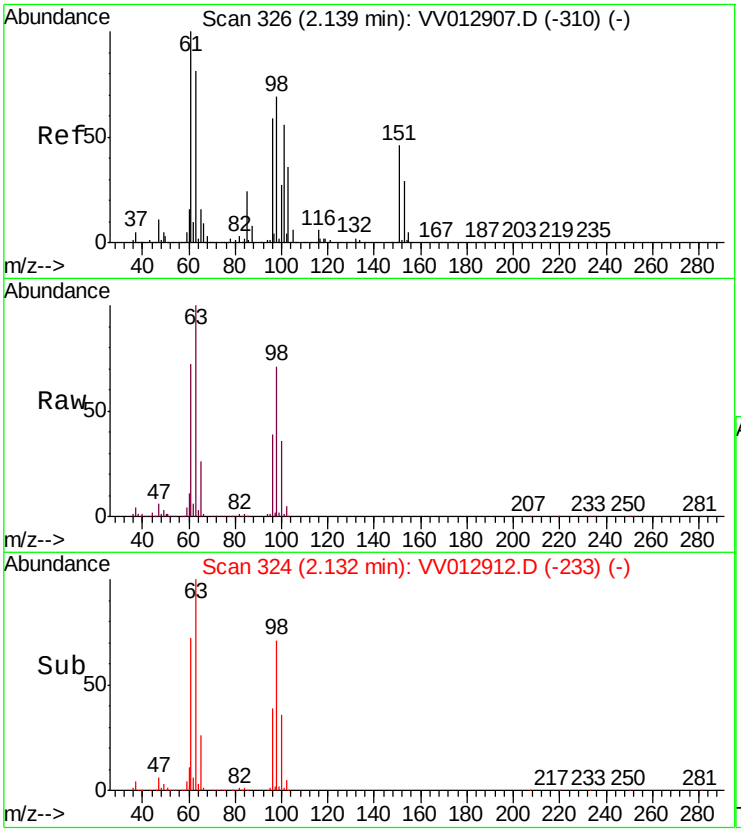
Quantitation Report (Not Reviewed)

Data File : VV012912.D
Acq On : 19 Sep 2019 00:32
Operator : SY/MD
Sample : K4649-07MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Quant Time: Sep 19 05:18:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration



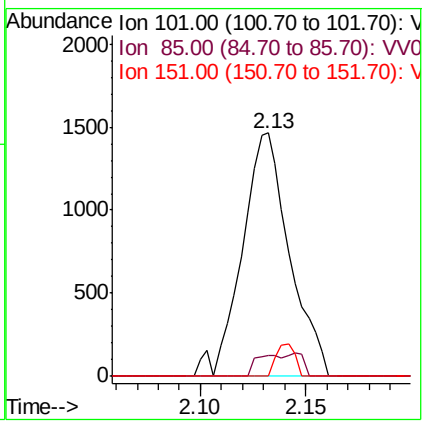


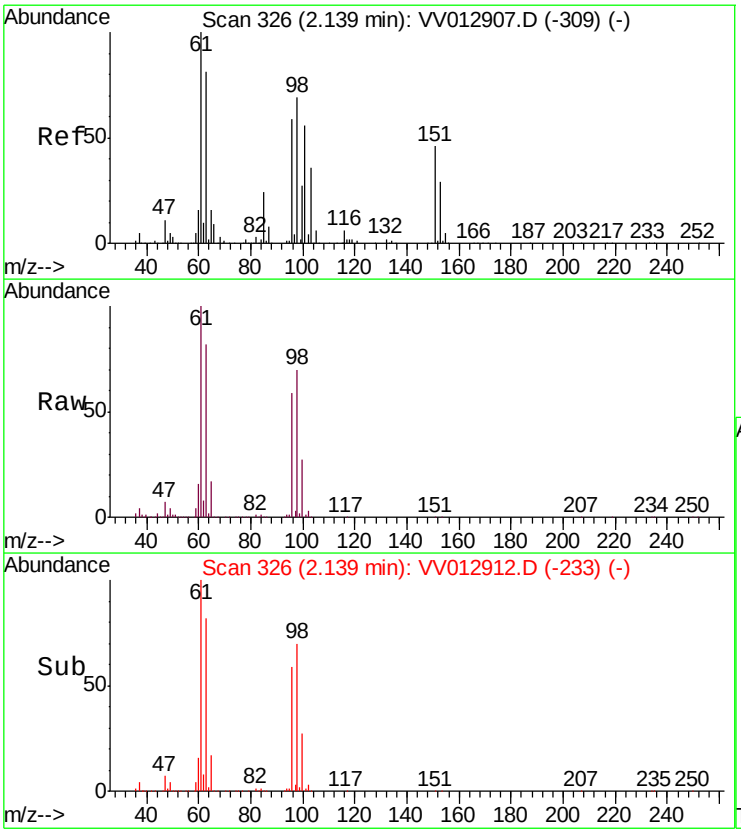
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.126 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion:101 Resp: 2295

Ion	Ratio	Lower	Upper
101	100		
85	4.9	37.8	56.8#
151	0.0	71.4	107.2#

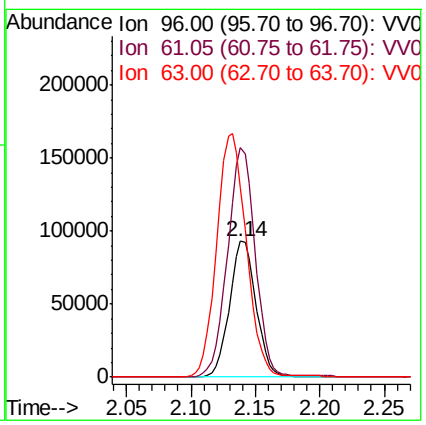


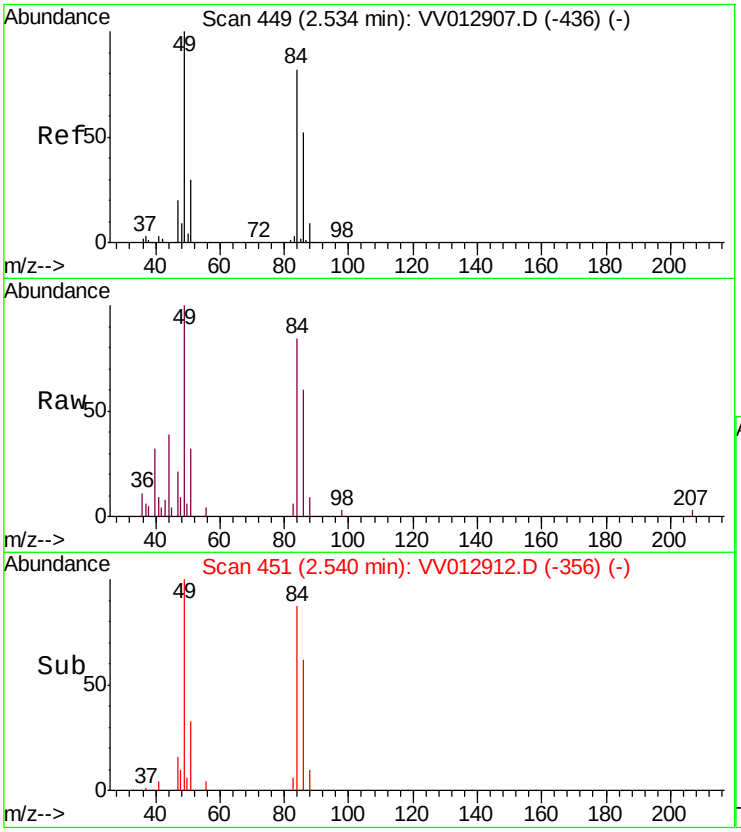


#12
1,1-Dichloroethene
Concen: 7.932 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 96 Resp: 133428

Ion	Ratio	Lower	Upper
96	100		
61	169.0	127.8	237.4
63	139.3	92.7	172.3



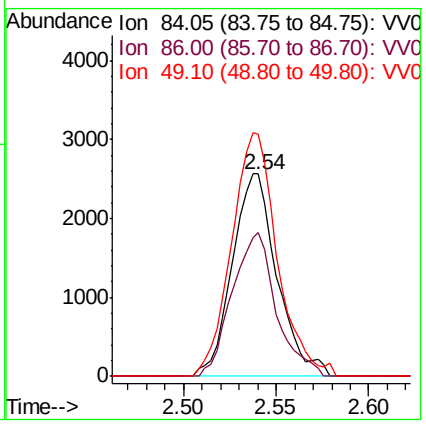


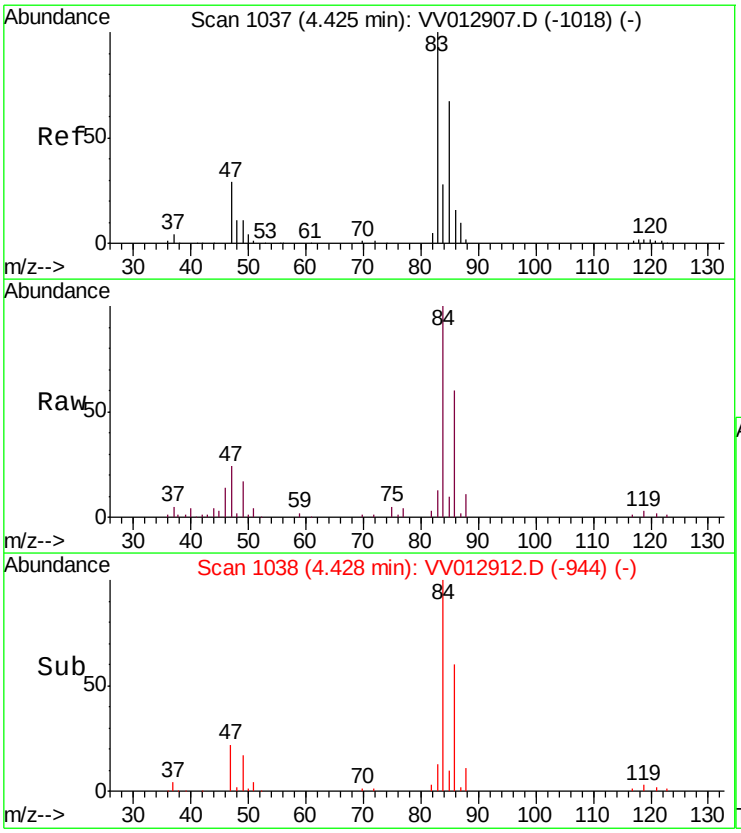
#16
Methylene chloride
Concen: 0.250 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion: 84 Resp: 4310

Ion	Ratio	Lower	Upper
84	100		
86	71.2	44.9	83.3
49	119.5	78.6	146.0

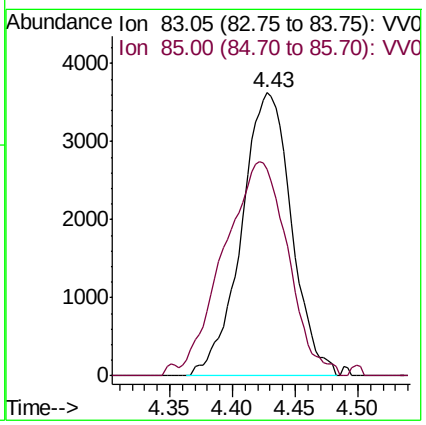


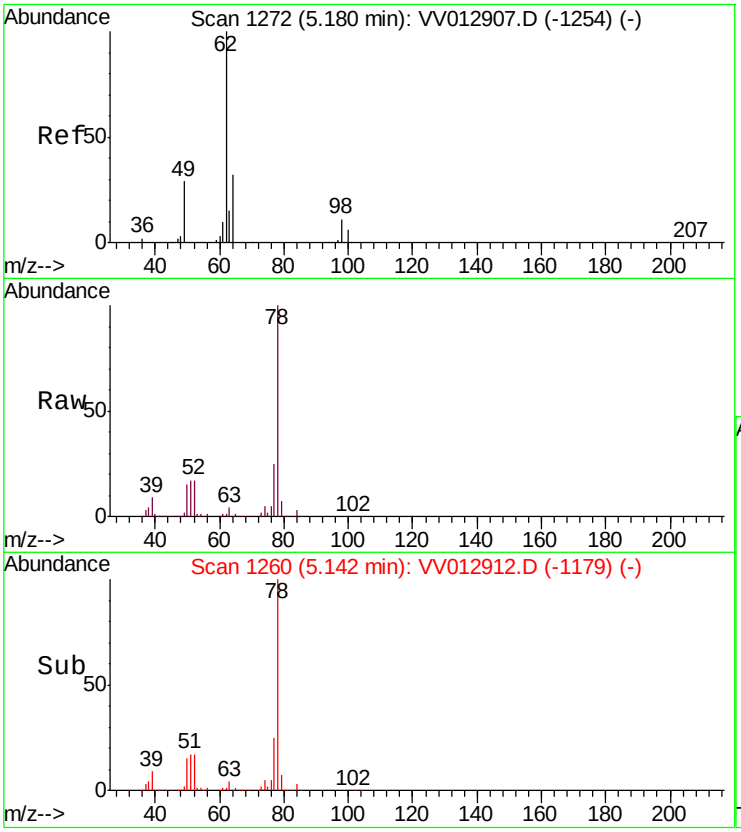


#25
Chloroform
Concen: 0.185 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 83 Resp: 10074

Ion	Ratio	Lower	Upper
83	100		
85	73.1	45.2	84.0



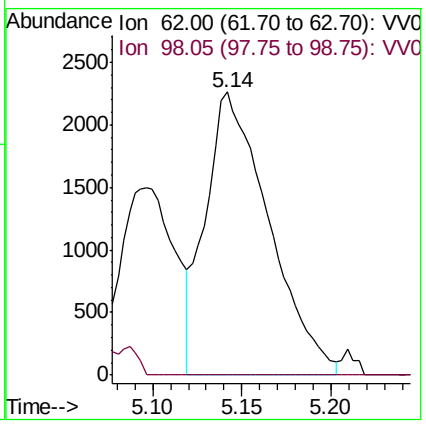


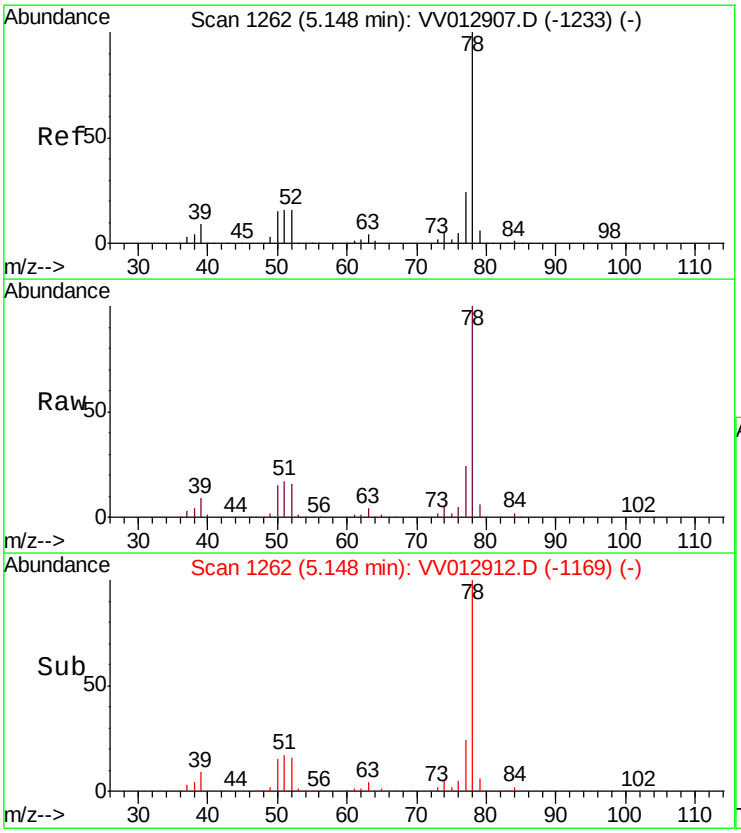
#27
1,2-Dichloroethane
Concen: 0.186 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.04 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion: 62 Resp: 5564

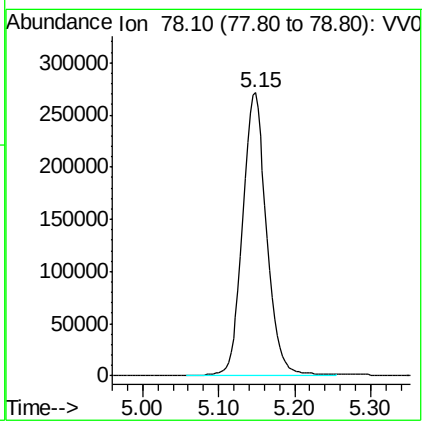
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#

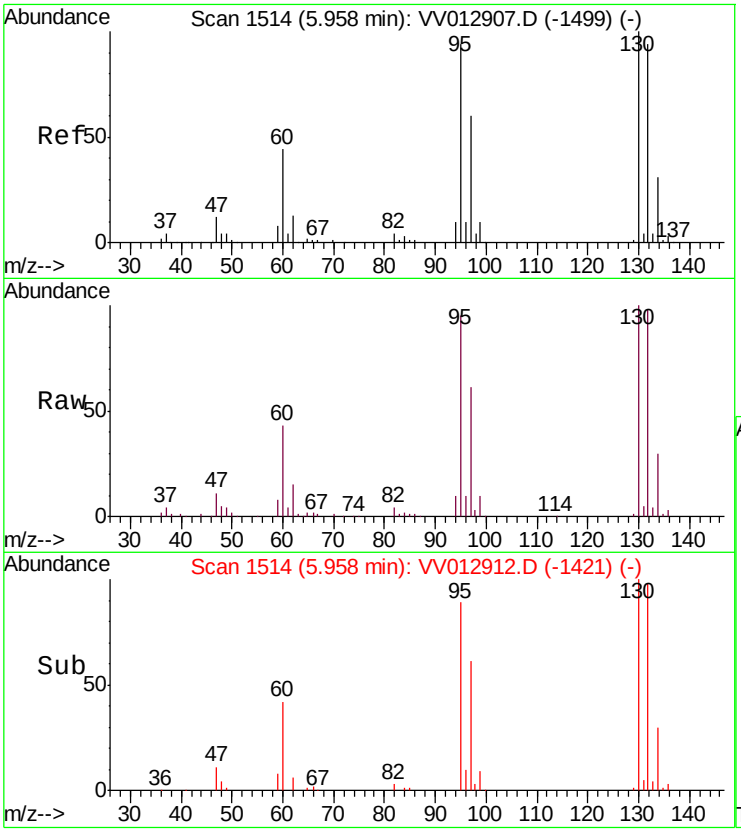




#33
Benzene
Concen: 6.075 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 78 Resp: 596462



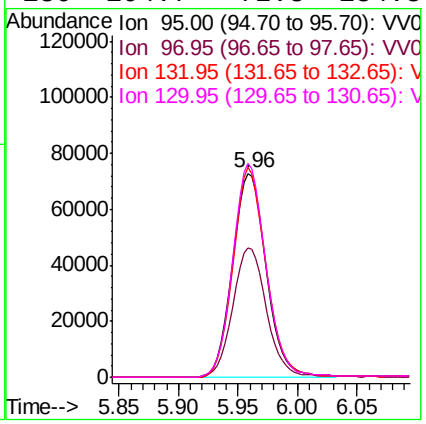


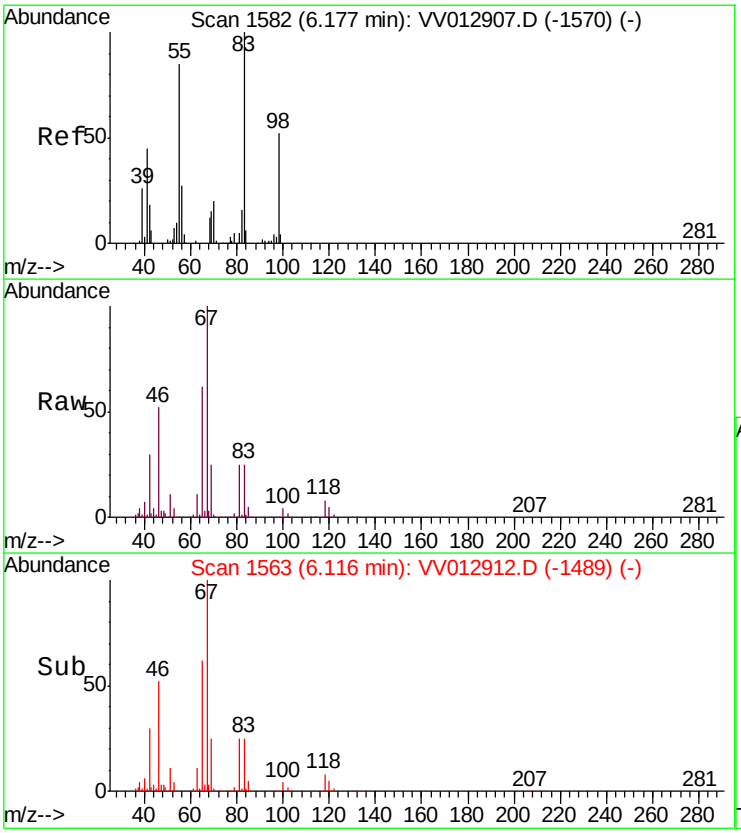
#34
Trichloroethene
Concen: 5.126 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion: 95 Resp: 143530

Ion	Ratio	Lower	Upper
95	100		
97	63.6	42.8	79.6
132	102.9	70.8	131.6
130	104.7	72.3	134.3

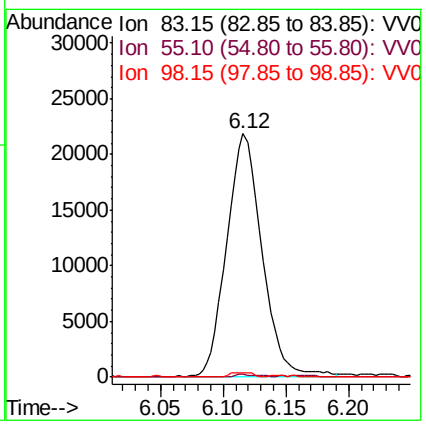


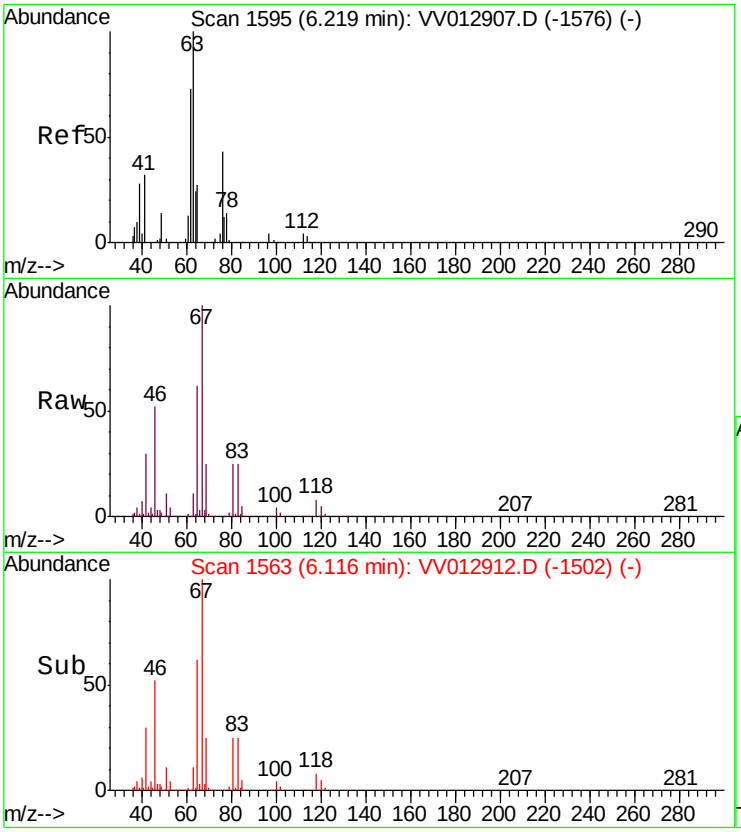


#35
Methylcyclohexane
Concen: 0.980 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 83 Resp: 42974

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.1	90.1#
98	1.1	40.2	60.4#



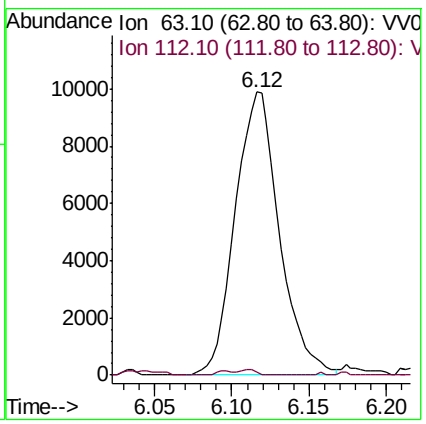


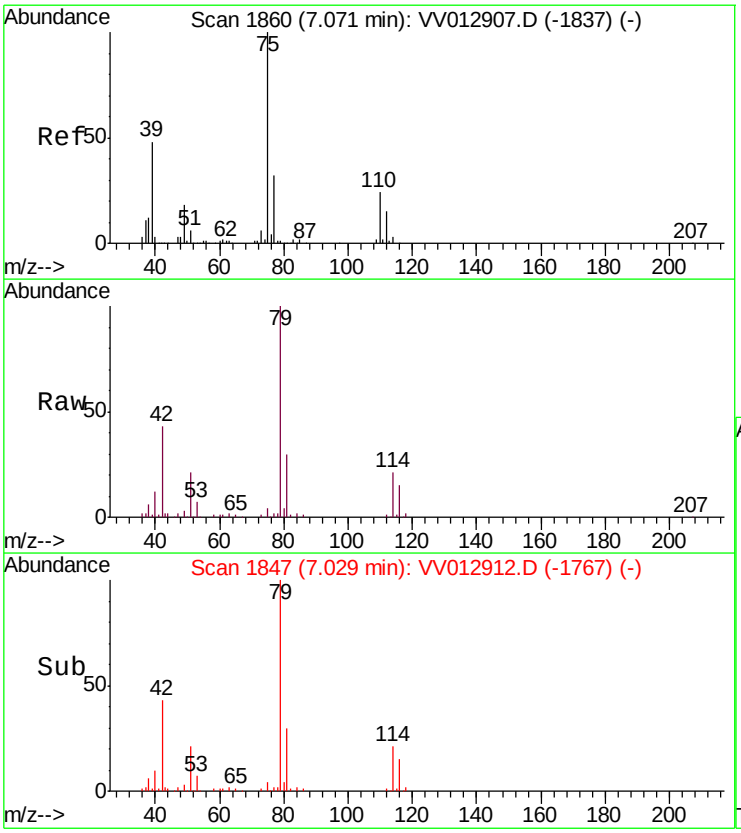
#37
1,2-Dichloropropane
Concen: 0.865 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument : MSVOA_V
ClientSampleId : A5169MS

Tgt Ion: 63 Resp: 19659

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.6#

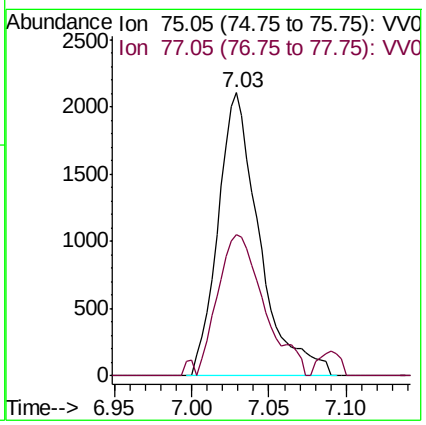


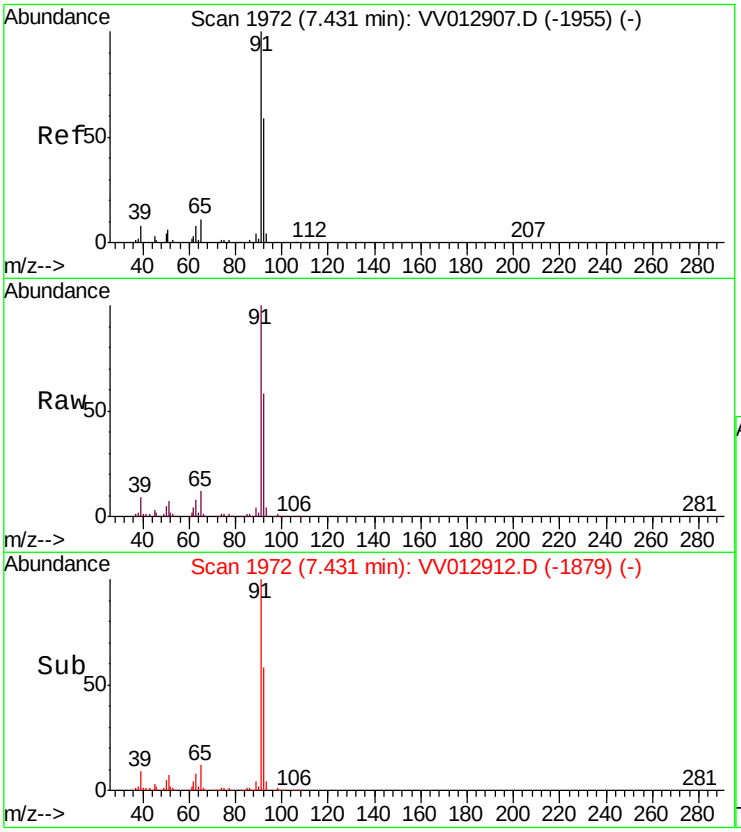


#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 75 Resp: 3919

Ion	Ratio	Lower	Upper
75	100		
77	50.0	22.4	41.6#



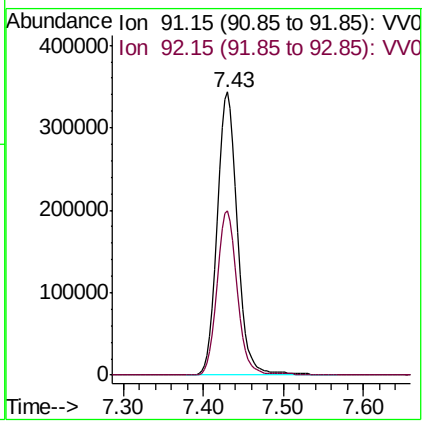


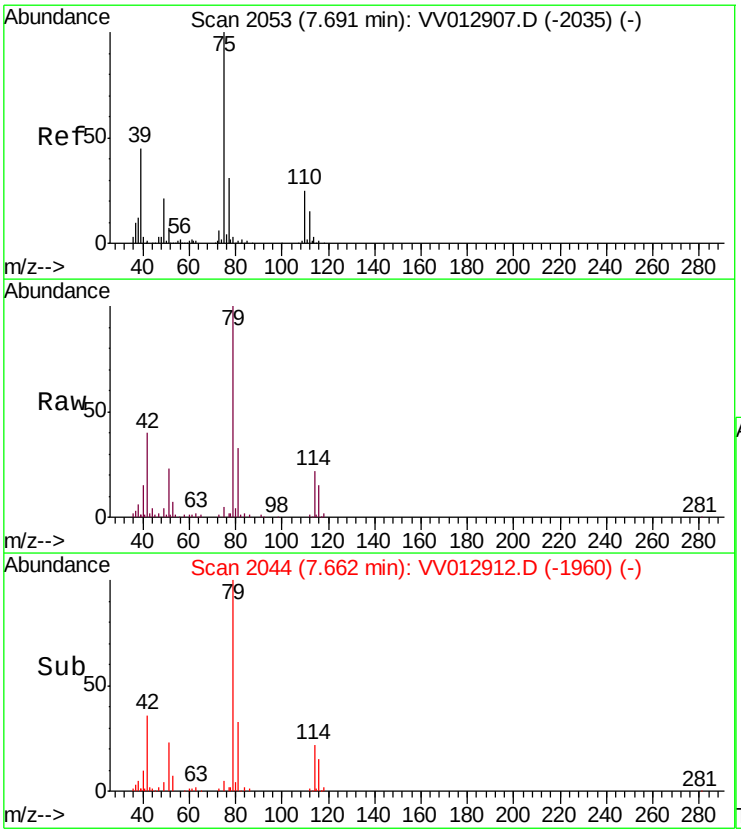
#42
Toluene
Concen: 5.530 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion: 91 Resp: 603654

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.3	76.7

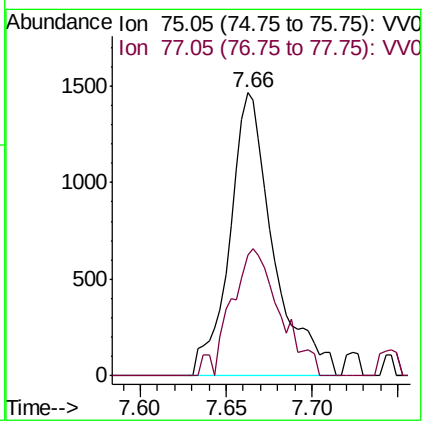


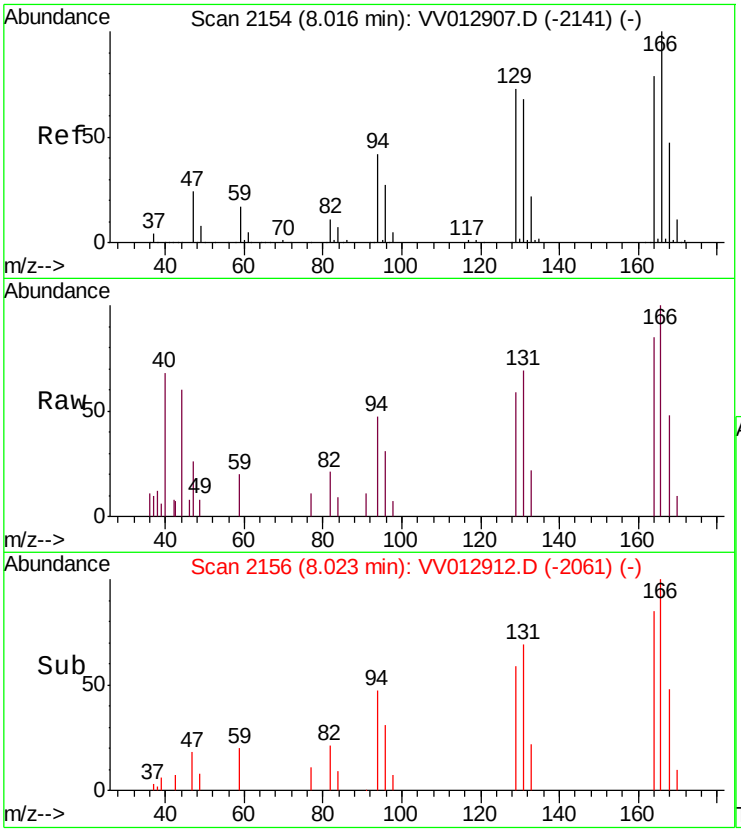


#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 75 Resp: 2595

Ion	Ratio	Lower	Upper
75	100		
77	42.9	21.6	40.0#



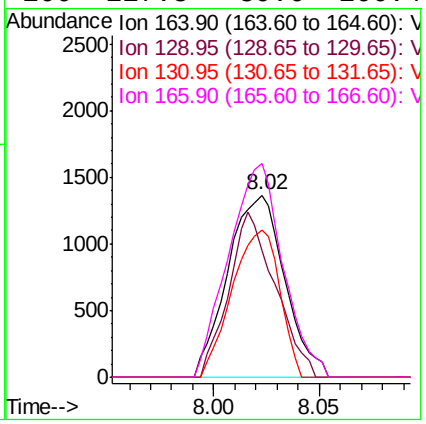


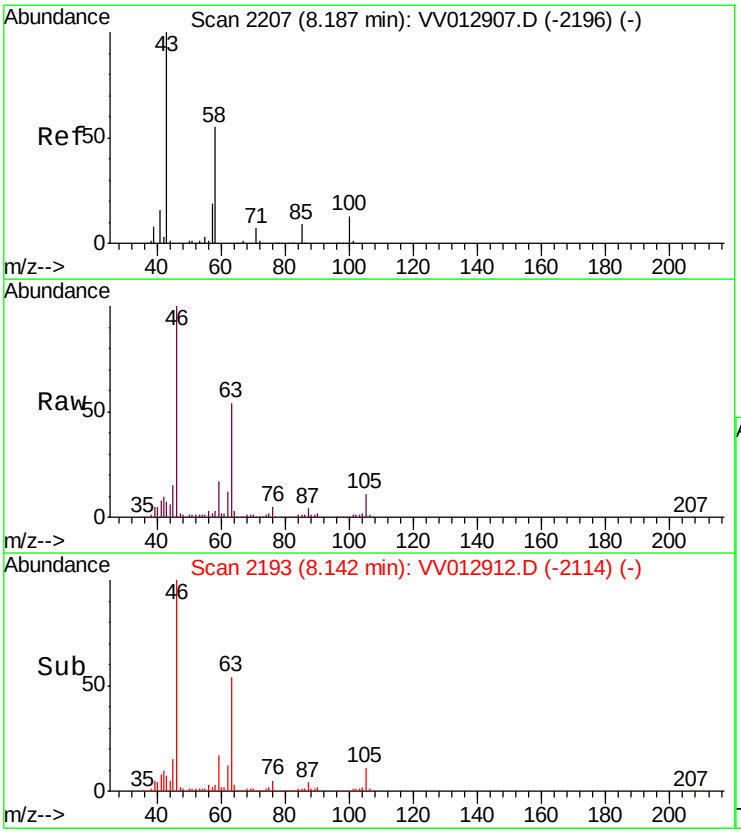
#47
Tetrachloroethene
Concen: 0.105 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument : MSVOA_V
ClientSampleId : A5169MS

Tgt Ion:164 Resp: 2560

Ion	Ratio	Lower	Upper
164	100		
129	69.4	61.9	114.9
131	81.0	59.4	110.4
166	117.3	89.6	166.4

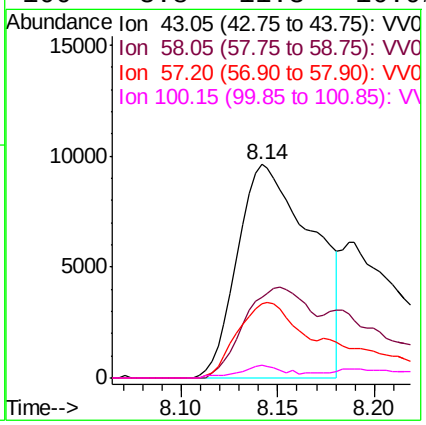


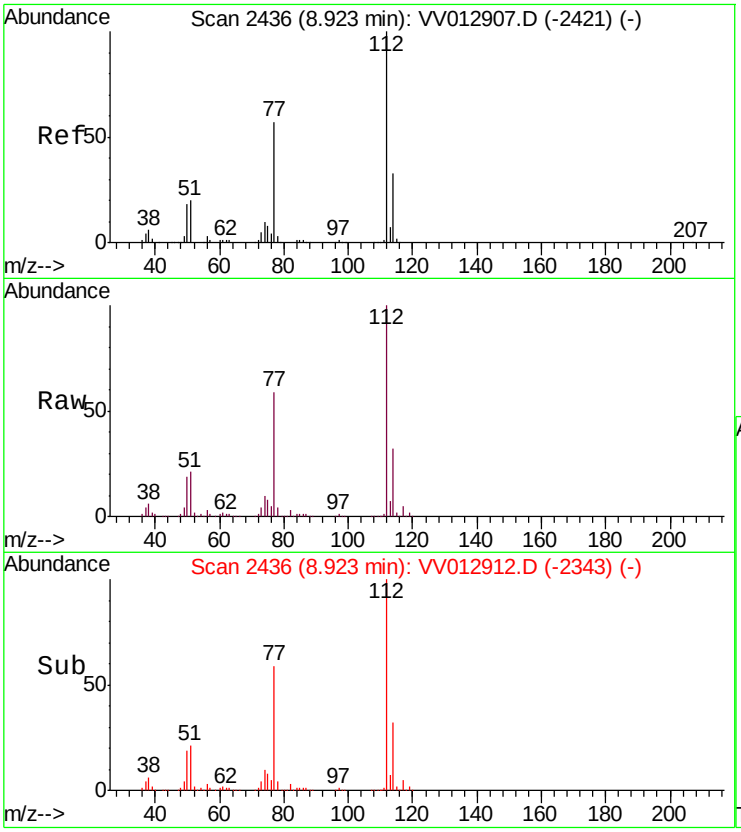


#48
2-Hexanone
Concen: 2.889 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 43 Resp: 26165

Ion	Ratio	Lower	Upper
43	100		
58	36.4	44.1	66.1#
57	29.1	16.1	24.1#
100	3.8	11.3	16.9#



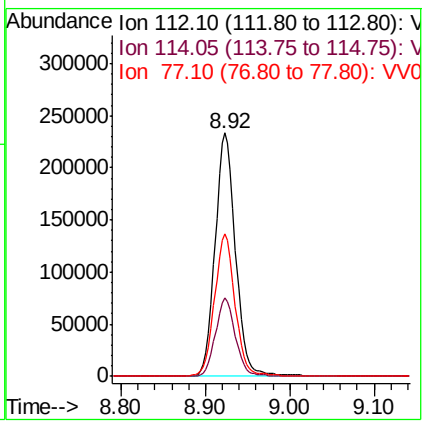


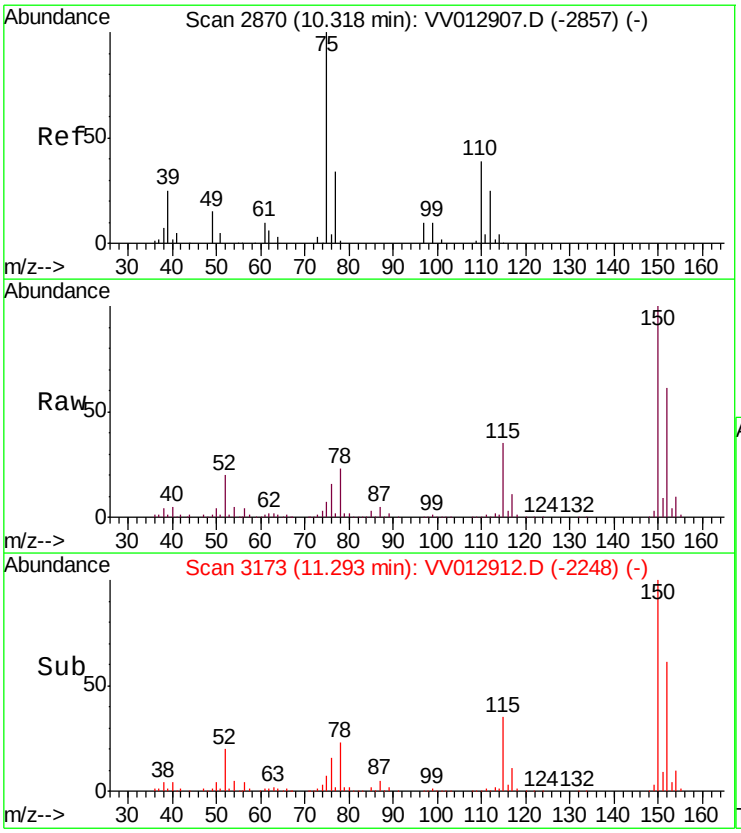
#51
Chlorobenzene
Concen: 5.379 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion:112 Resp: 392619

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.1	41.1
77	58.7	45.9	68.9

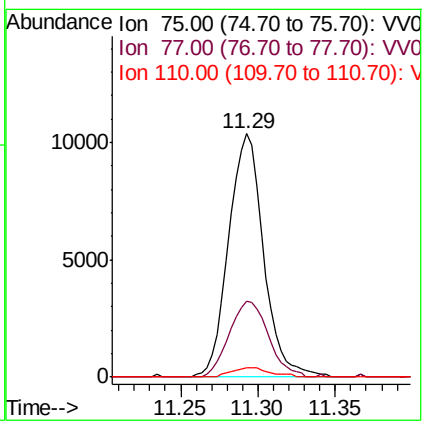


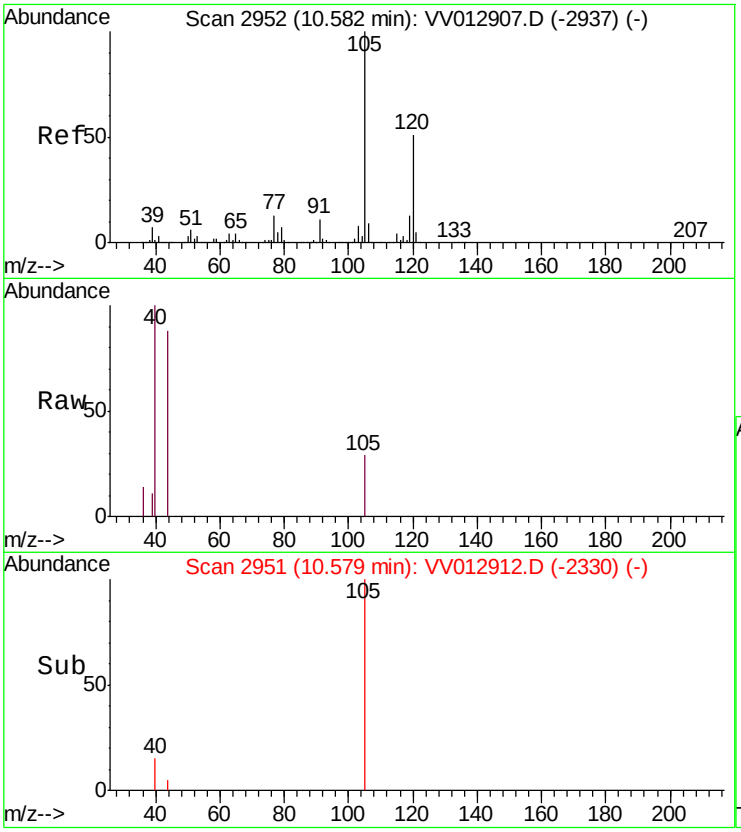


#61
1,2,3-Trichloropropane
Concen: 1.663 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion: 75 Resp: 16243

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.8	40.2#
110	4.3	35.0	52.6#



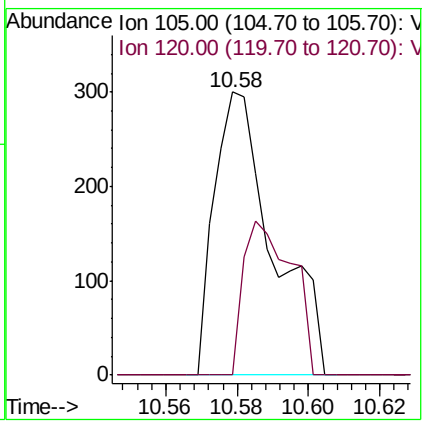


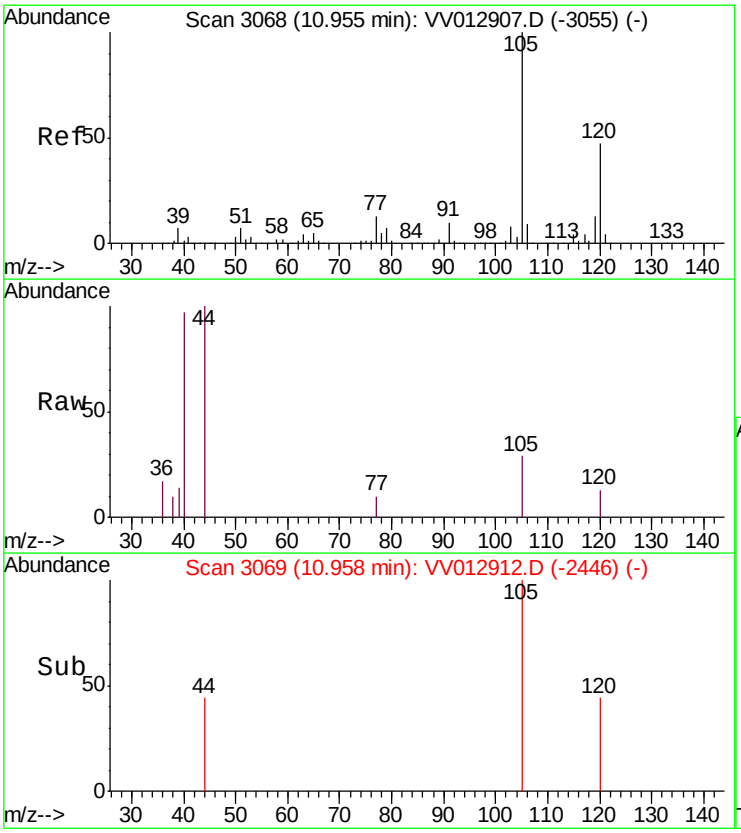
#62
1,3,5-Trimethylbenzene
Concen: 0.005 ug/L
RT: 10.58 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tgt Ion:105 Resp: 342

Ion	Ratio	Lower	Upper
105	100		
120	0.0	40.1	60.1#





#63
1,2,4-Trimethylbenzene
Concen: 0.004 ug/L
RT: 10.96 min Scan# 3069
Delta R.T. 0.00 min
Lab File: VV012912.D
Acq: 19 Sep 2019 00:32

Tgt Ion:105 Resp: 314

Ion	Ratio	Lower	Upper
105	100		
120	39.2	35.8	53.8