

Data File : VV014661.D
Acq On : 21 Feb 2020 18:26
Operator : SY/MD
Sample : L1607-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP7

Quant Time: Feb 21 23:41:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230805	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	100845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37598	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.42%
7) Chloroethane-d5	1.59	69	29301	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.13	63	60268	35.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.74%
21) 2-Butanone-d5	3.96	46	81533	97.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.31%
24) Chloroform-d	4.40	84	137365	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.08	65	91822	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
32) Benzene-d6	5.10	84	275741	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
36) 1,2-Dichloropropane-d6	6.11	67	81043	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.36	98	255525	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.66	79	43499	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.50%
47) 2-Hexanone-d5	8.13	63	63349	94.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.15%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	113849	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	99948	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

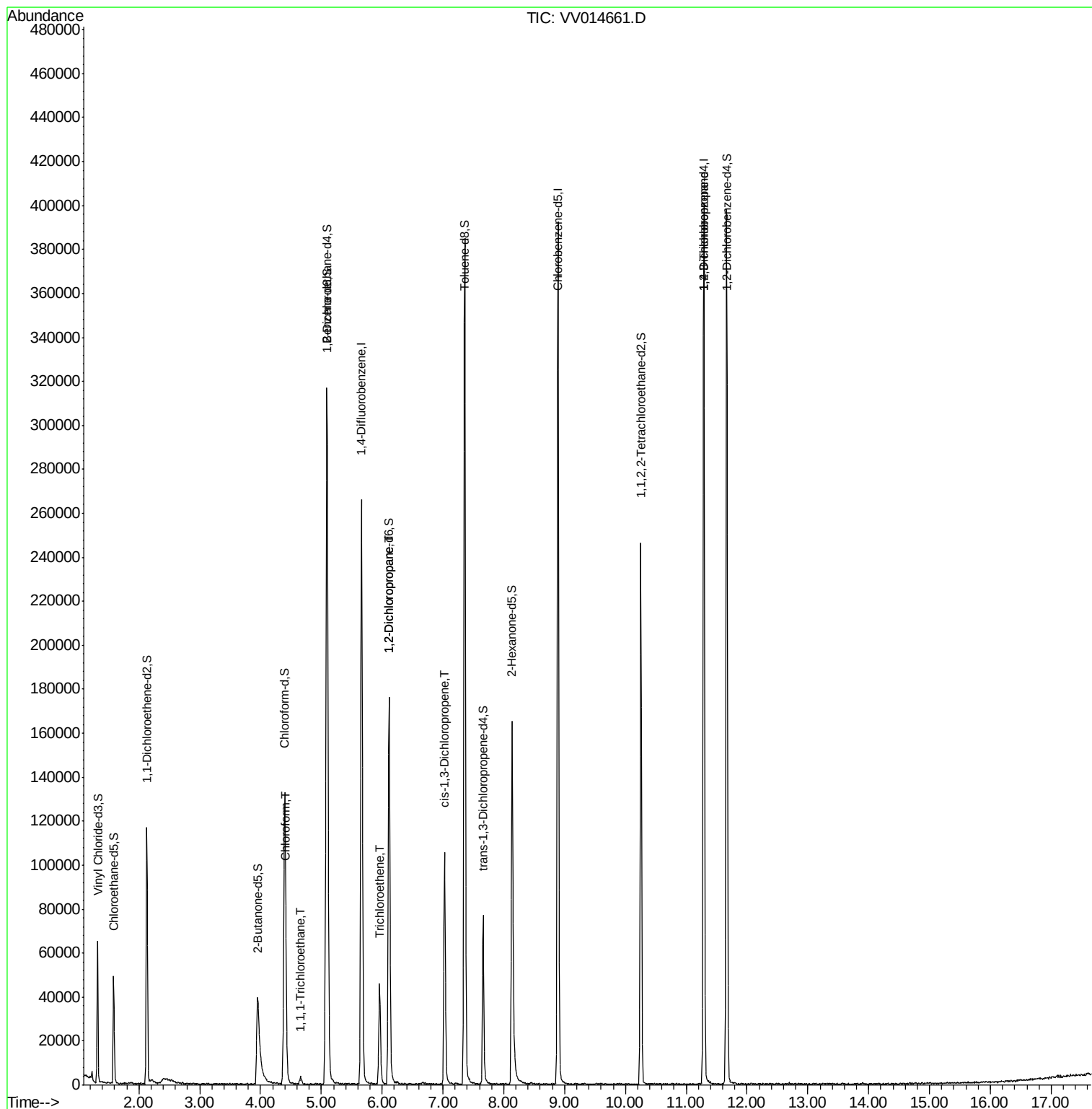
					Qvalue
25) Chloroform	4.42	83	4651	1.626 ug/L	88
30) 1,1,1-Trichloroethane	4.66	97	2216	0.876 ug/L #	78
34) Trichloroethene	5.96	95	15543	9.518 ug/L	95
37) 1,2-Dichloropropane	6.12	63	9507	6.928 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3090	1.261 ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	11229	6.048 ug/L	90

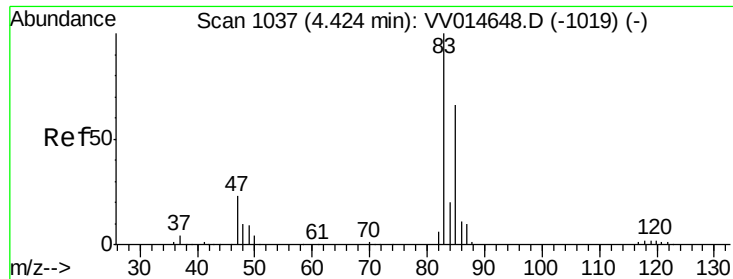
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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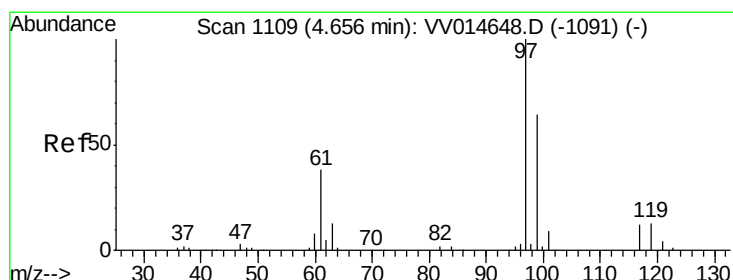
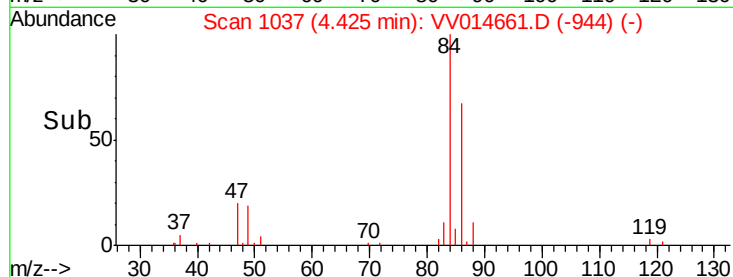
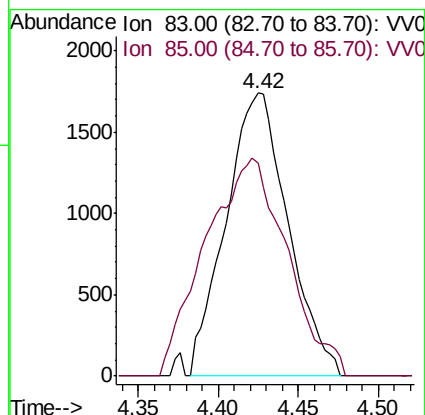
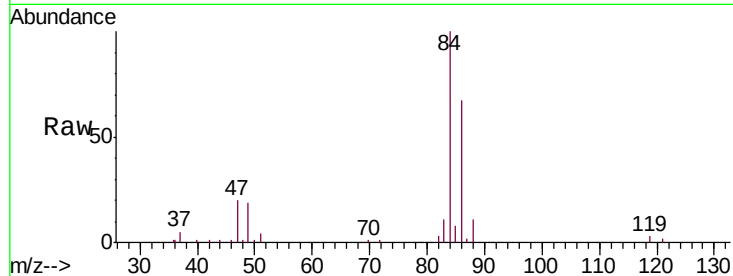




#25
Chloroform
Concen: 1.626 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014661.D
Acq: 21 Feb 2020 18:26

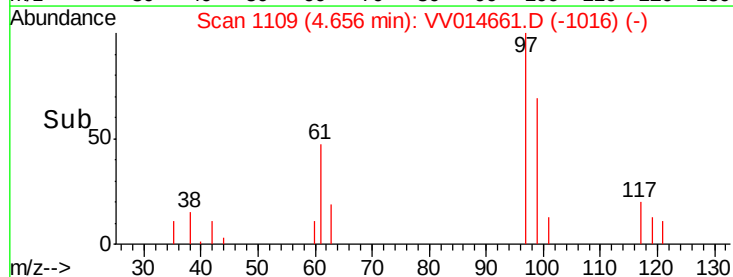
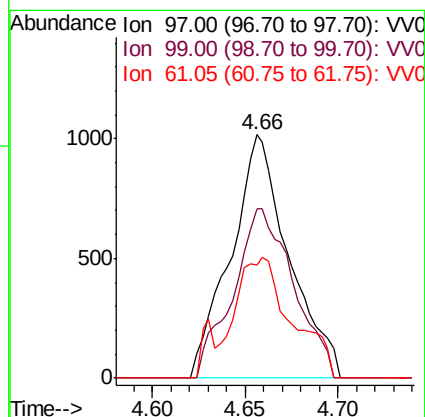
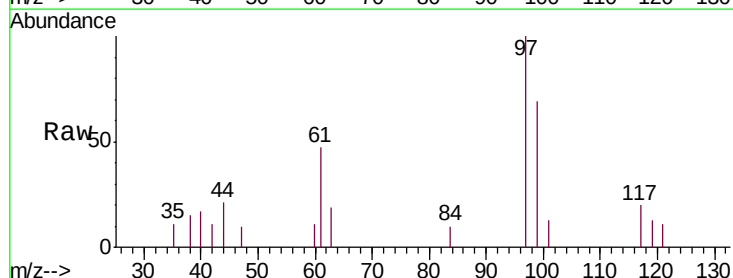
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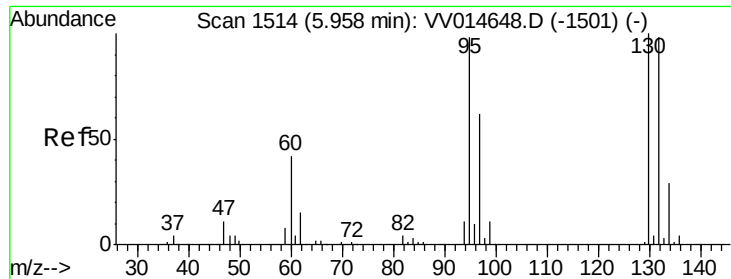
Tgt Ion: 83 Resp: 4651
Ion Ratio Lower Upper
83 100
85 75.1 46.1 85.7



#30
1,1,1-Trichloroethane
Concen: 0.876 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014661.D
Acq: 21 Feb 2020 18:26

Tgt Ion: 97 Resp: 2216
Ion Ratio Lower Upper
97 100
99 72.6 52.0 78.0
61 12.6 31.4 47.0#

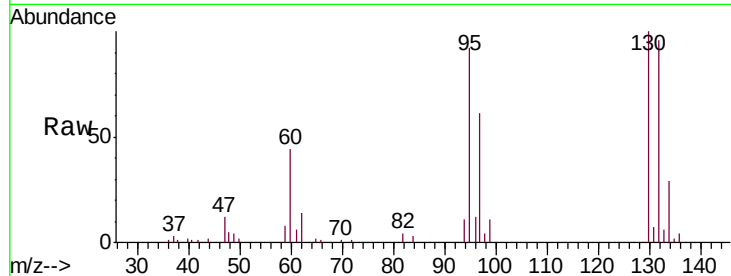




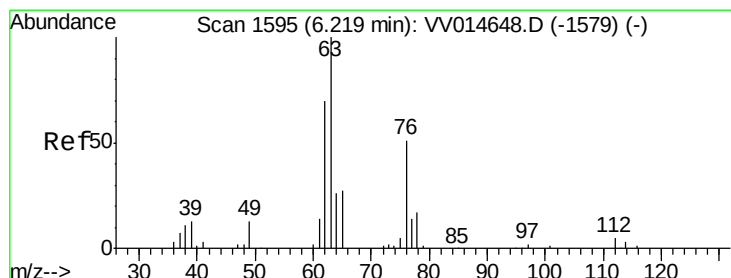
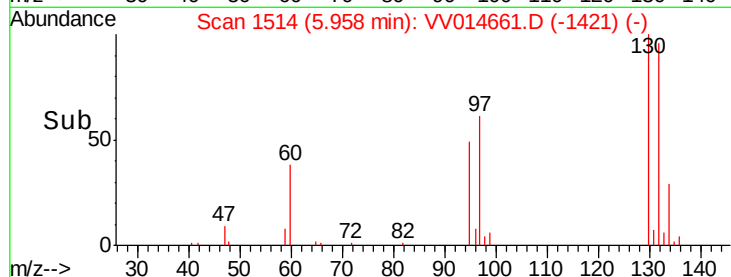
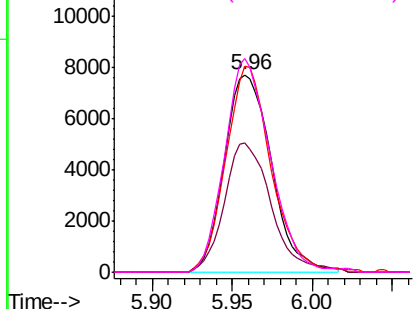
#34
 Trichloroethene
 Concen: 9.518 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014661.D
 Acq: 21 Feb 2020 18:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP7

Tgt Ion: 95 Resp: 15543
 Ion Ratio Lower Upper
 95 100
 97 65.6 44.3 82.3
 132 104.3 69.7 129.4
 130 108.1 71.3 132.5

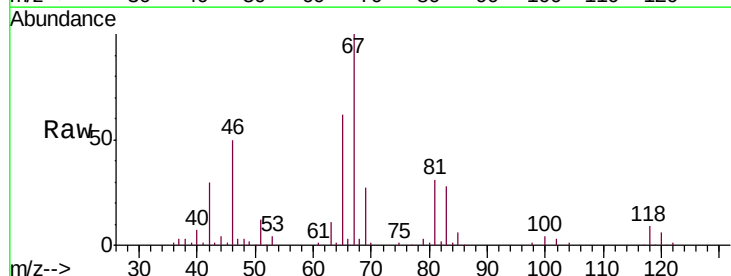


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

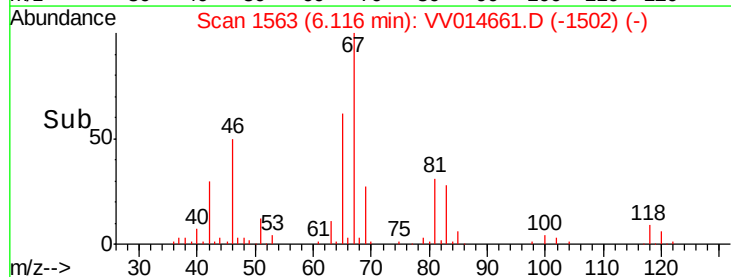
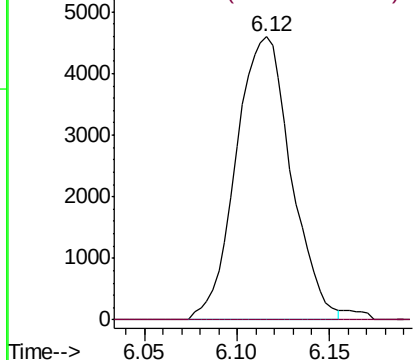


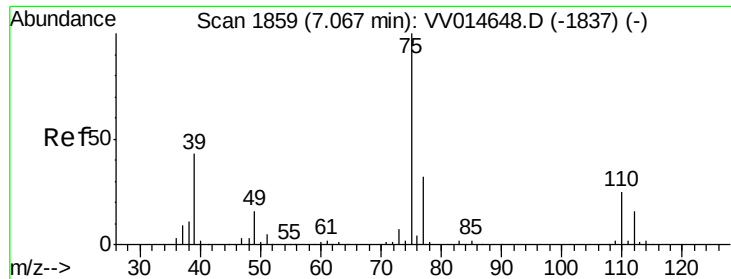
#37
 1,2-Dichloropropane
 Concen: 6.928 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014661.D
 Acq: 21 Feb 2020 18:26

Tgt Ion: 63 Resp: 9507
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0

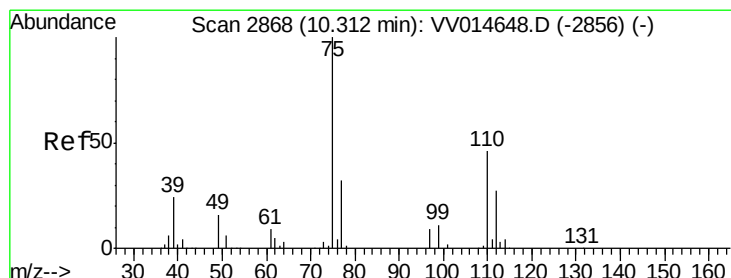
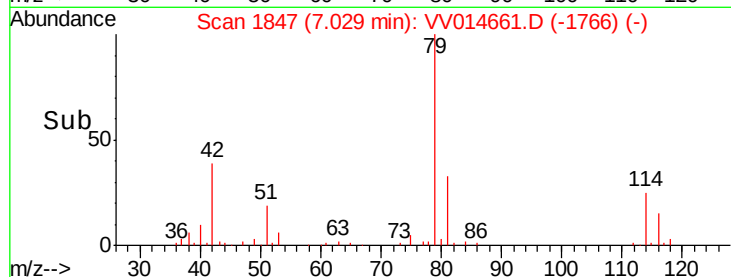
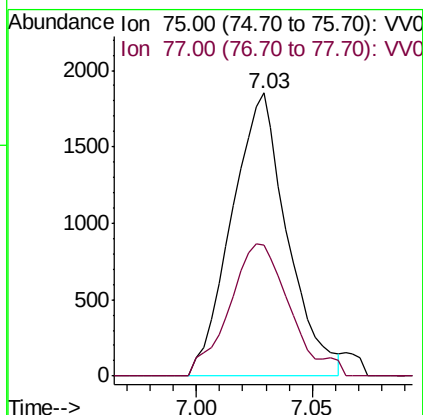
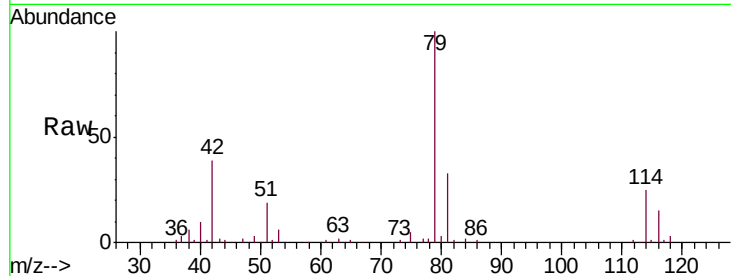




#39
 cis-1,3-Dichloropropene
 Concen: 1.261 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014661.D
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Tgt Ion: 75 Resp: 3090
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.048 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014661.D
 Acq: 21 Feb 2020 18:26

Tgt Ion: 75 Resp: 11229
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.7 38.5

