

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015970.D
 Acq On : 08 May 2020 17:07
 Operator : SY/MD
 Sample : L2520-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z0

Quant Time: May 09 03:25:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135719	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134402	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34228	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	35336	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	76888	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.92	46	115434	54.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.38	84	75561	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	49260	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.08	84	162574	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.09	67	51813	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.34	98	146156	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	7.65	79	17551	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	8.11	63	85675	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36779	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	55276	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

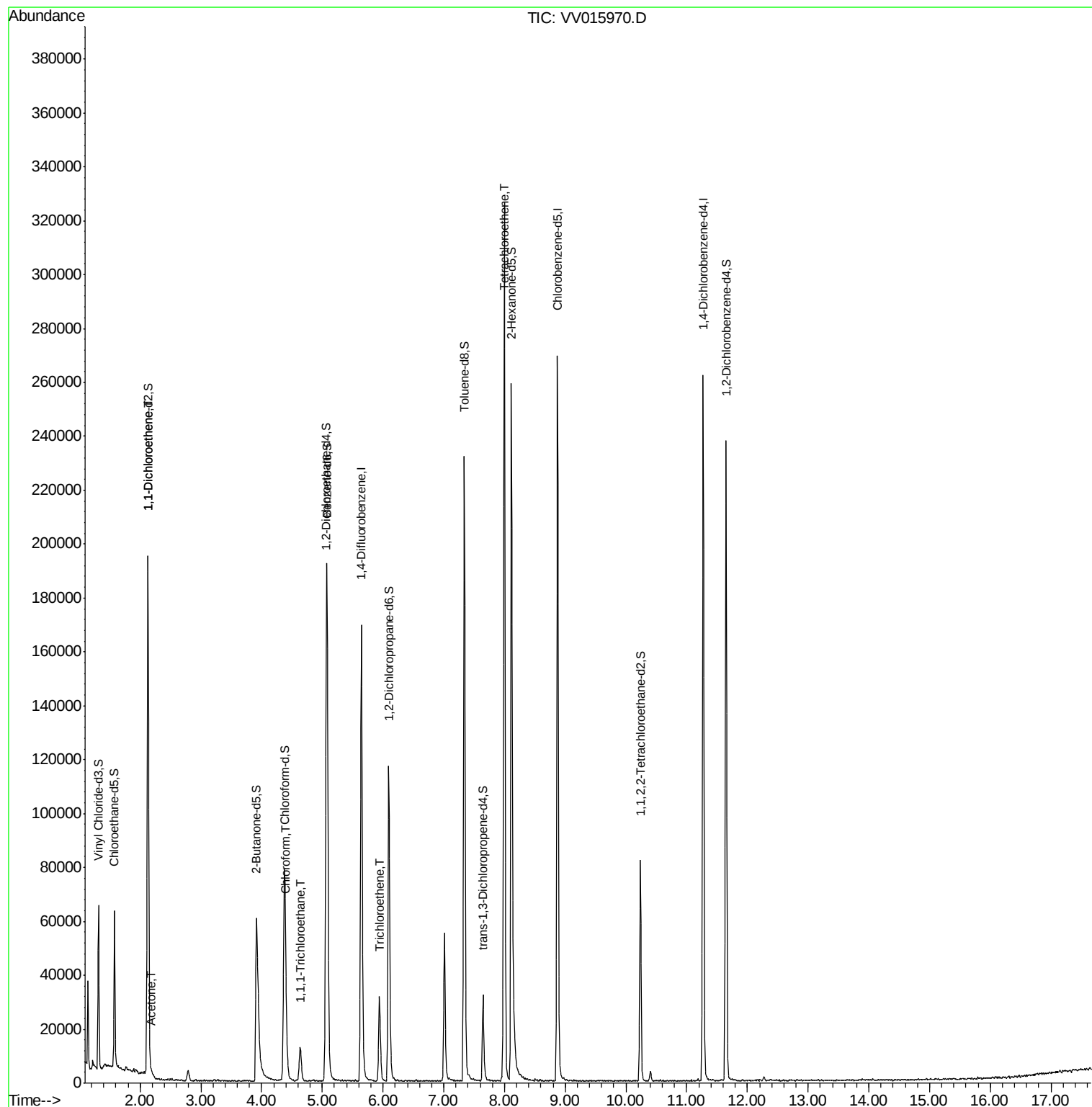
					Ovalue
12) 1,1-Dichloroethene	2.13	96	34548	4.626 ug/L	97
13) Acetone	2.20	43	2424	1.750 ug/L #	51
25) Chloroform	4.41	83	13141	0.751 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	10033	0.677 ug/L	99
34) Trichloroethene	5.94	95	10443	1.082 ug/L	95
49) Tetrachloroethene	8.00	164	64480	9.575 ug/L	98

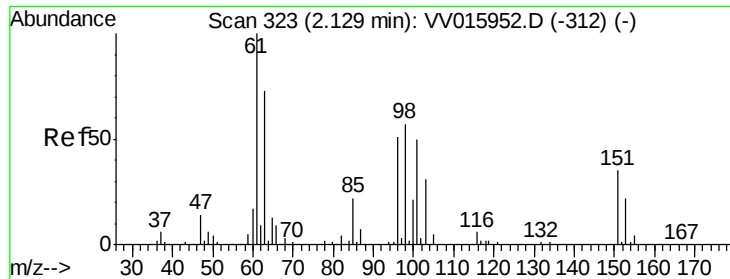
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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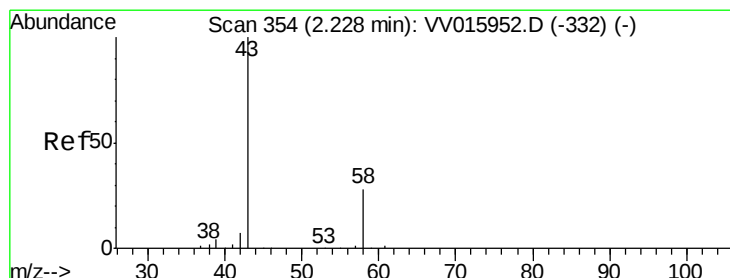
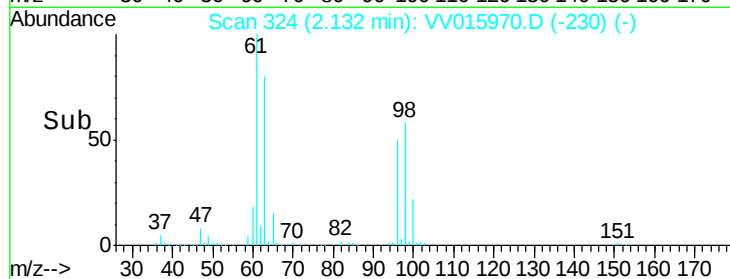
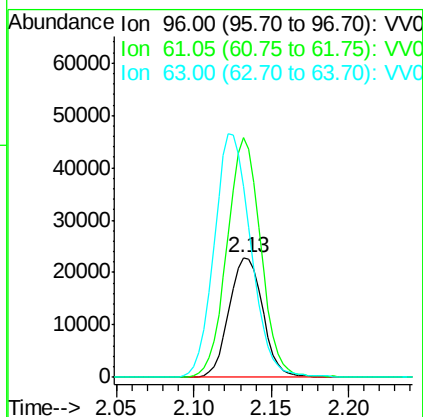
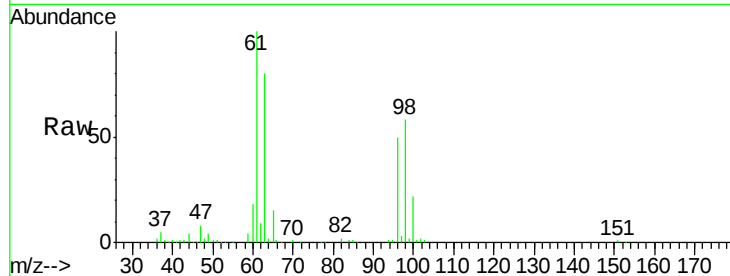




#12
 1,1-Dichloroethene
 Concen: 4.626 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV015970.D
 Acq: 08 May 2020 17:07

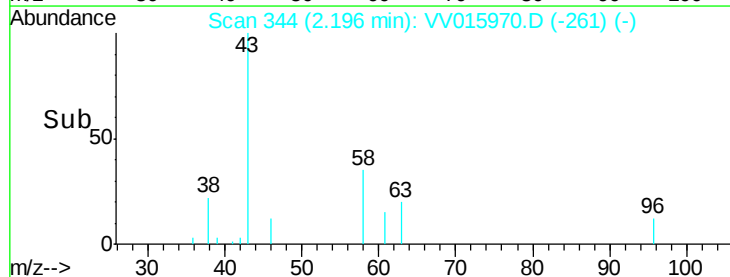
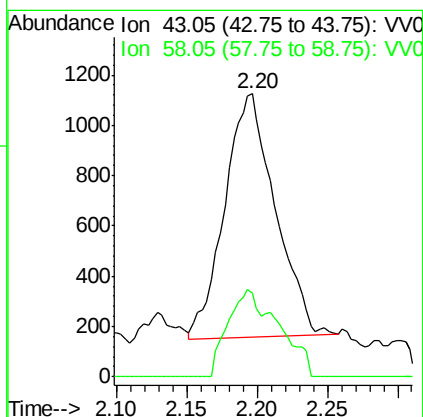
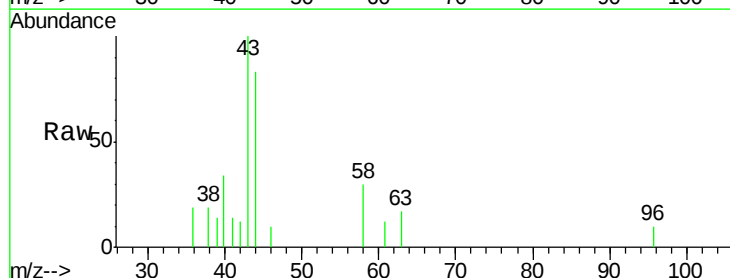
Instrument :
 MSVOA_V
 ClientSampled :
 H41Z0

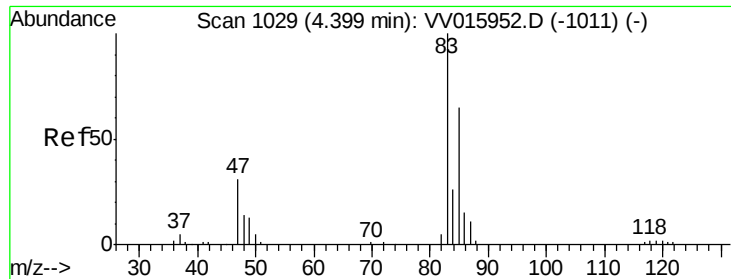
Tot Ion: 96 Resp: 34548
 Ion Ratio Lower Upper
 96 100
 61 200.9 139.9 259.7
 63 159.9 106.4 197.6



#13
 Acetone
 Concen: 1.750 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. -0.03 min
 Lab File: VV015970.D
 Acq: 08 May 2020 17:07

Tgt Ion: 43 Resp: 2424
 Ion Ratio Lower Upper
 43 100
 58 35.8 0.0 30.8#

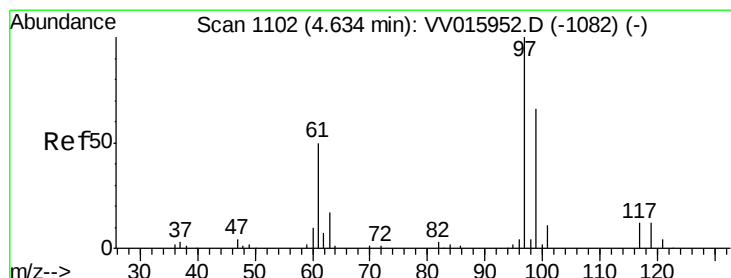
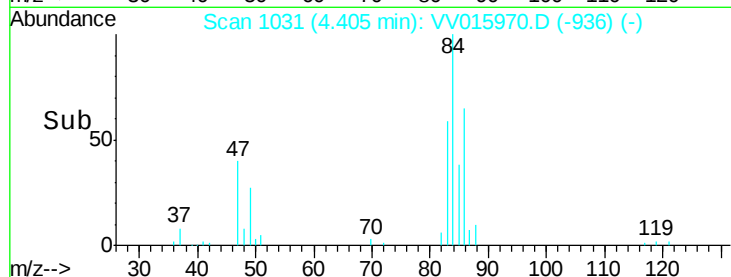
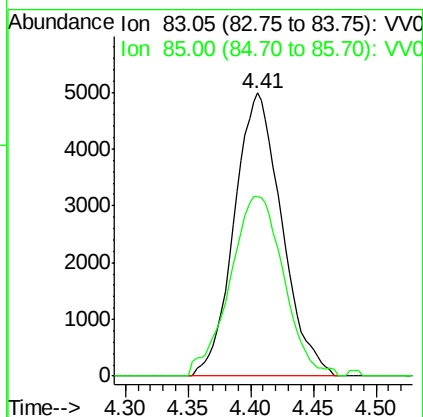
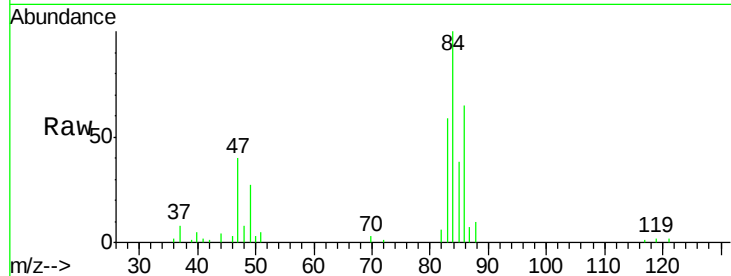




#25
Chloroform
Concen: 0.751 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

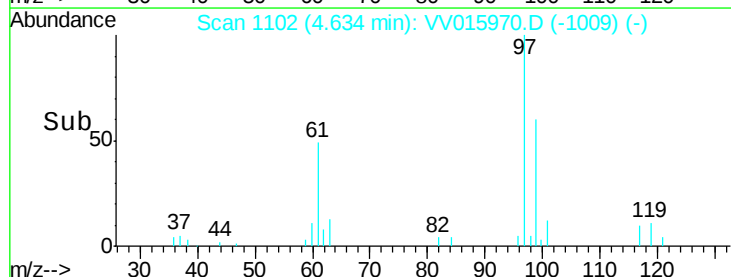
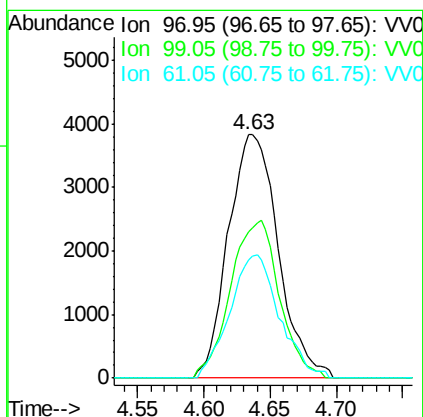
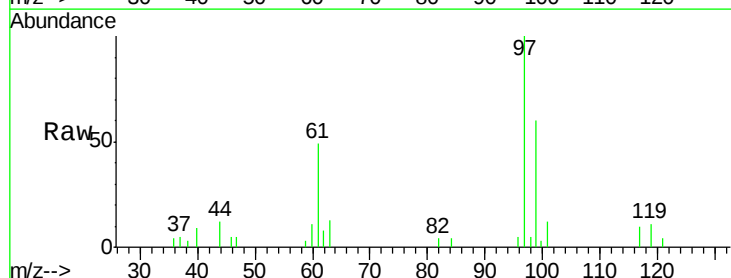
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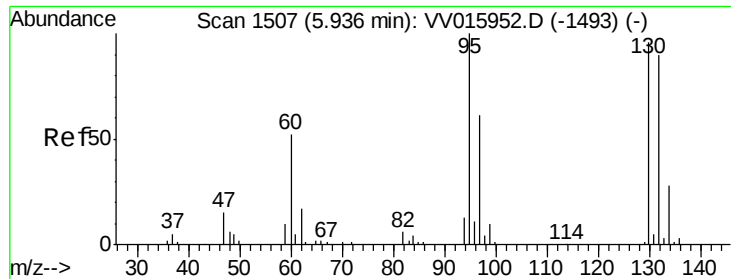
Tot Ion: 83 Resp: 13141
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.677 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV015970.D
Acq: 08 May 2020 17:07

Tgt Ion: 97 Resp: 10033
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 50.2 38.8 58.2

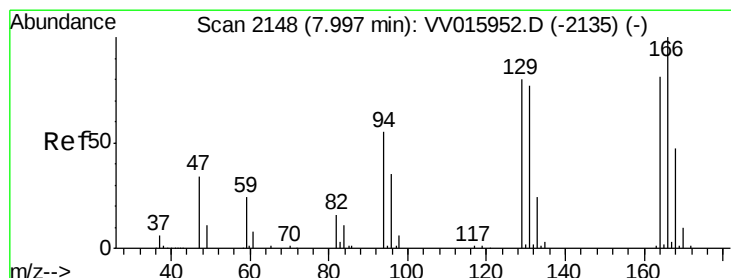
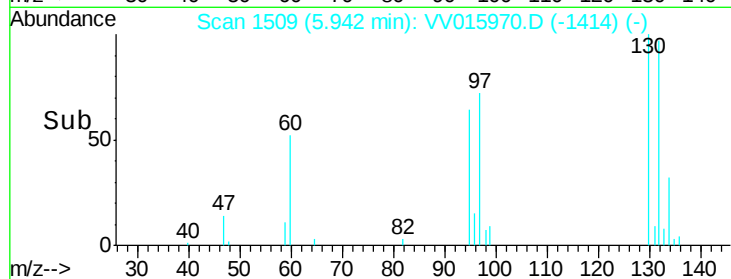
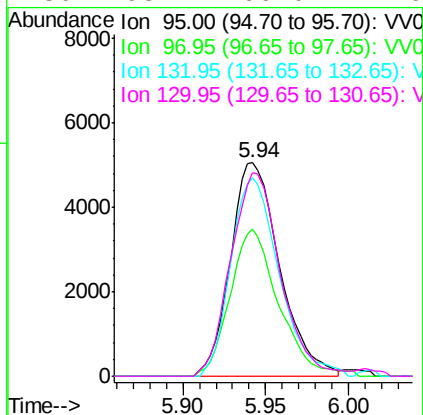
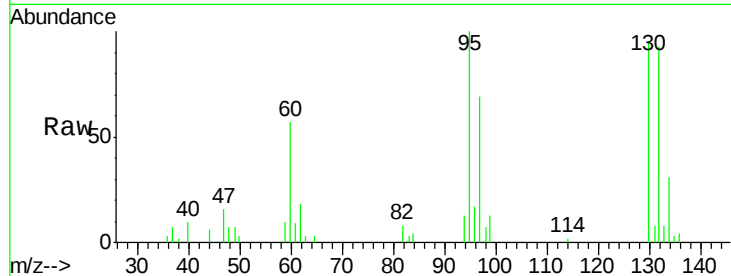




#34
 Trichloroethene
 Concen: 1.082 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015970.D
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Tot Ion:	95	Resp:	10443
Ion	Ratio	Lower	Upper
95	100		
97	68.7	43.3	80.5
132	92.8	60.3	112.1
130	95.4	66.0	122.6



#49
 Tetrachloroethene
 Concen: 9.575 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015970.D
 Acq: 08 May 2020 17:07

Tgt Ion:	164	Resp:	64480
Ion	Ratio	Lower	Upper
164	100		
129	100.7	69.7	129.4
131	98.6	66.8	124.2
166	130.1	89.1	165.5

