

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018122.D
 Acq On : 27 Aug 2020 17:34
 Operator : SY/MD
 Sample : L3800-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G5

Quant Time: Aug 28 07:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80753	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.58	69	72598	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.84%
11) 1,1-Dichloroethene-d2	2.12	63	125470	32.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.92%
21) 2-Butanone-d5	3.91	46	122409	92.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.38	84	160905	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.06	65	112447	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.07	84	329351	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
36) 1,2-Dichloropropane-d6	6.09	67	108480	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.58%
41) Toluene-d8	7.34	98	288199	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.64	79	48841	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.11	63	63344	83.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137116	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	126437	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

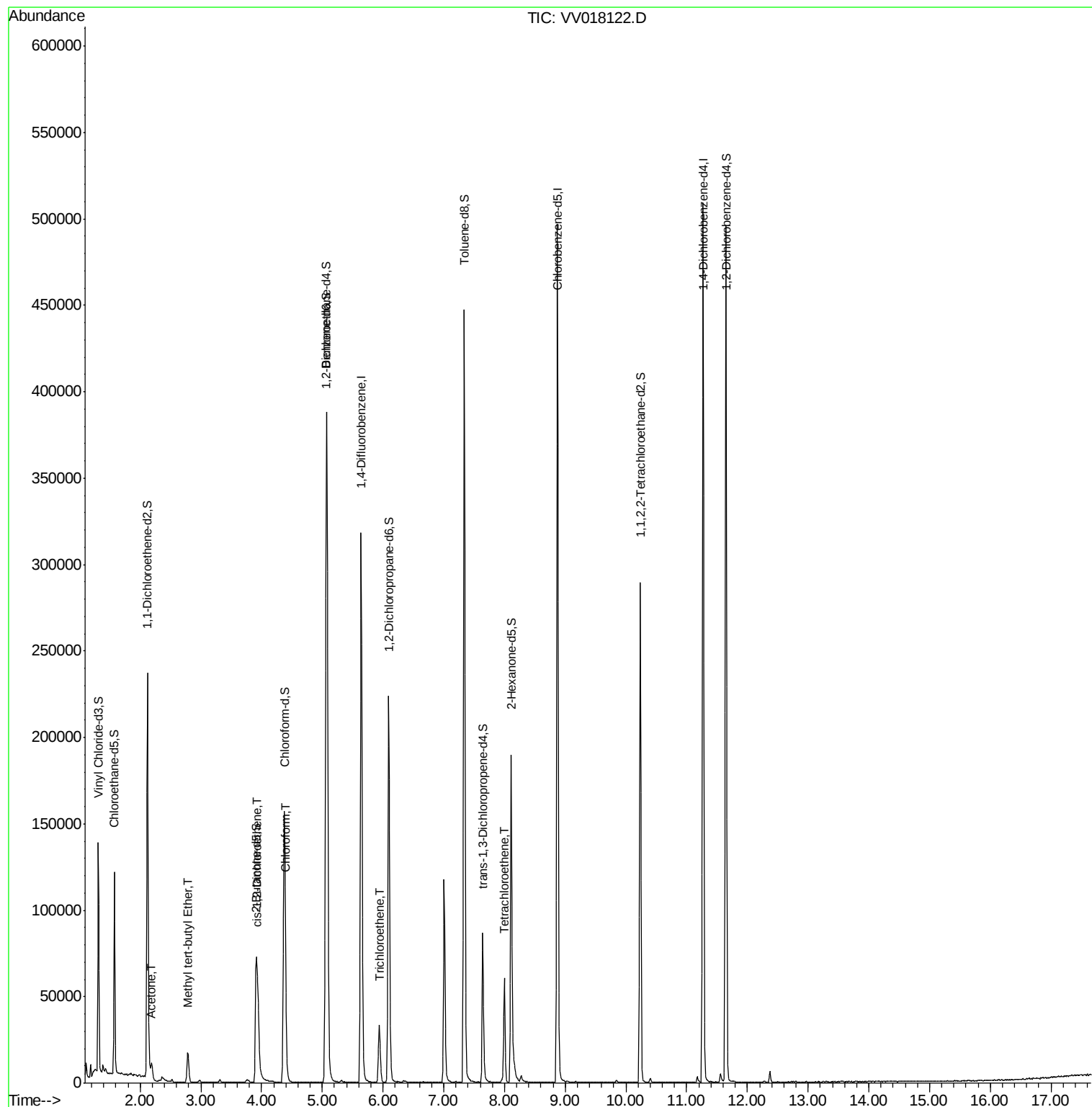
					Ovalue
13) Acetone	2.19	43	11185	8.183	ug/L 91
18) Methyl tert-butyl Ether	2.79	73	16720	2.769	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	15565	7.757	ug/L 94
25) Chloroform	4.40	83	6650	1.776	ug/L 88
34) Trichloroethene	5.94	95	9287	4.319	ug/L 94
46) Tetrachloroethene	8.00	164	14032	8.897	ug/L 98

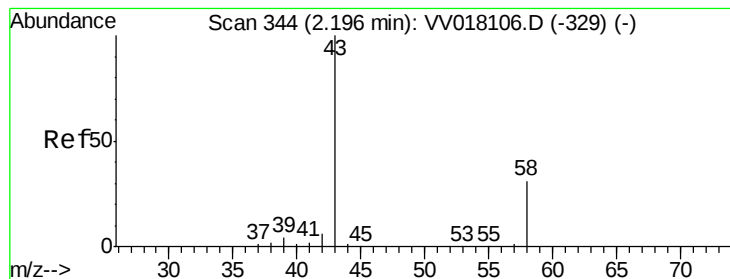
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.183 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

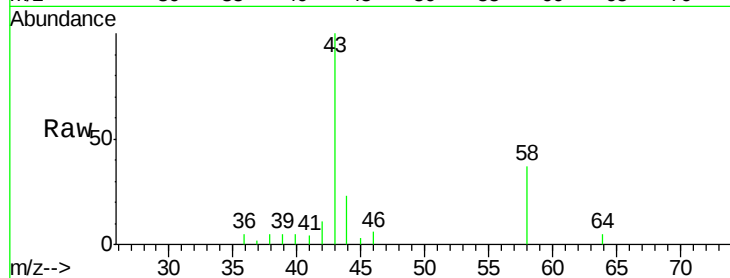
BG3G5

Tot Ion: 43 Resp: 11185

Ion Ratio Lower Upper

43 100

58 36.8 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV018106.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018106.D (-329) (-)

2.19

6000

5000

4000

3000

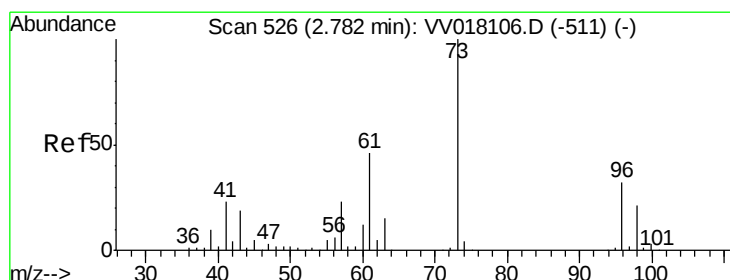
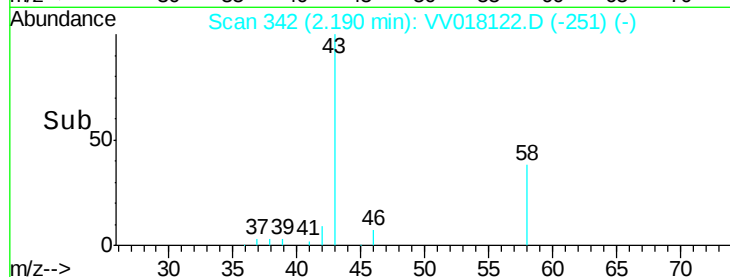
2000

1000

0

2.10 2.15 2.20 2.25 2.30

Time-->



#18

Methyl tert-butyl Ether

Concen: 2.769 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

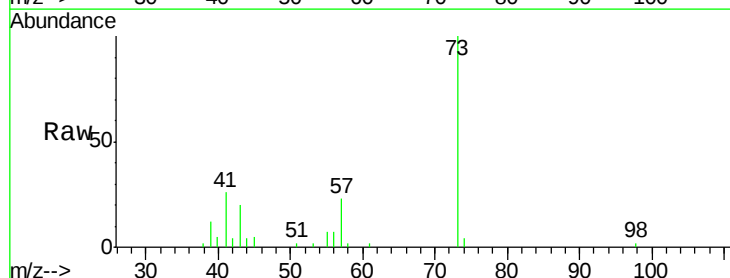
Tgt Ion: 73 Resp: 16720

Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9

57 23.0 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VV018106.D (-511) (-)

Ion 43.00 (42.70 to 43.70): VV018106.D (-511) (-)

Ion 57.00 (56.70 to 57.70): VV018106.D (-511) (-)

2.79

10000

8000

6000

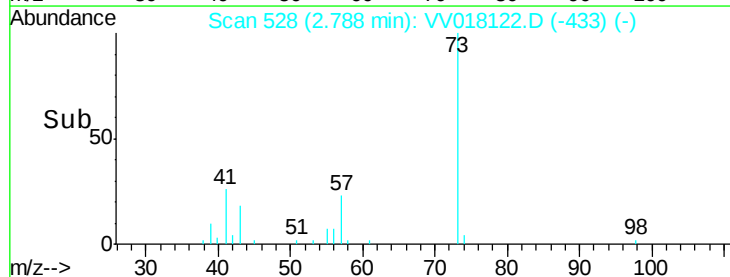
4000

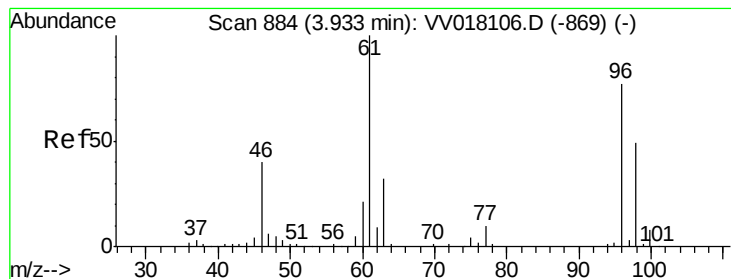
2000

0

2.70 2.75 2.80 2.85

Time-->



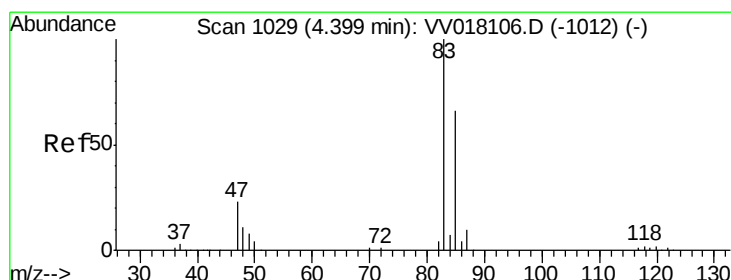
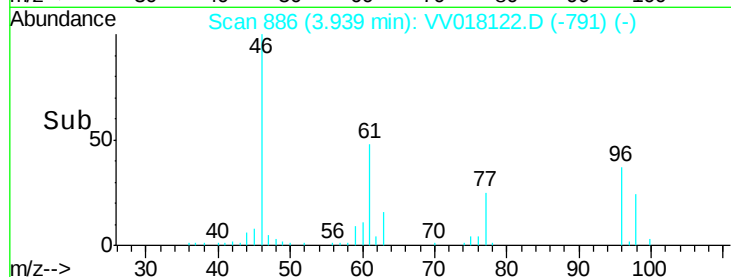
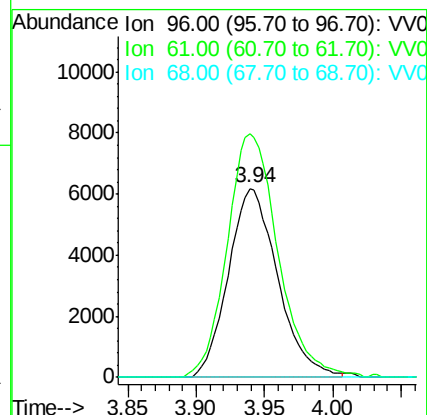
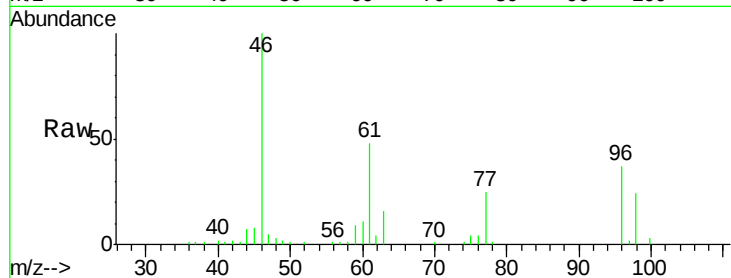


#20

cis-1,2-Dichloroethene
Concen: 7.757 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018122.D
Acq: 27 Aug 2020 17:34

Instrument :
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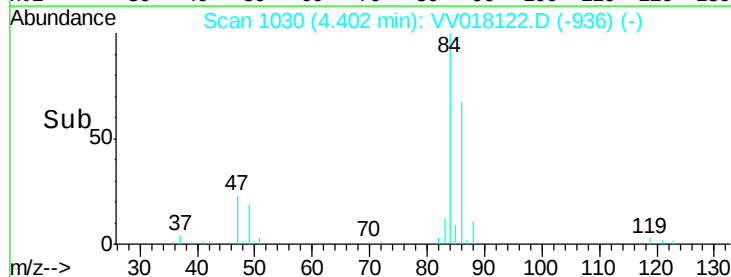
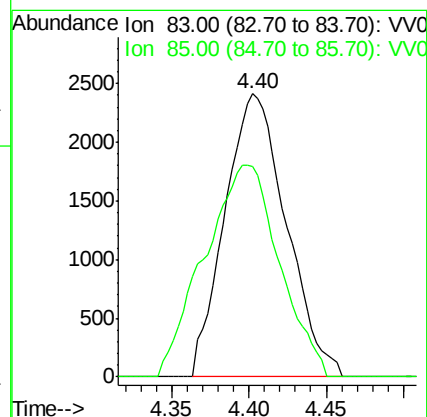
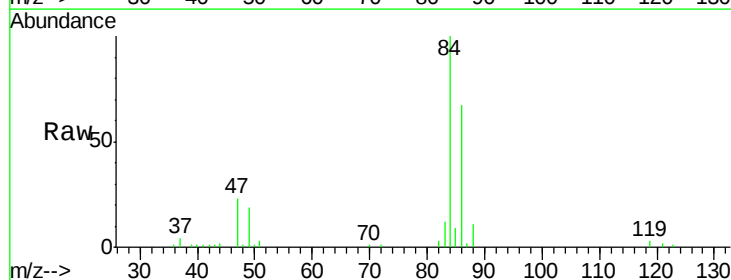
Tot Ion: 96 Resp: 15565
Ion Ratio Lower Upper
96 100
61 129.1 95.0 176.4
68 0.0 0.0 0.0

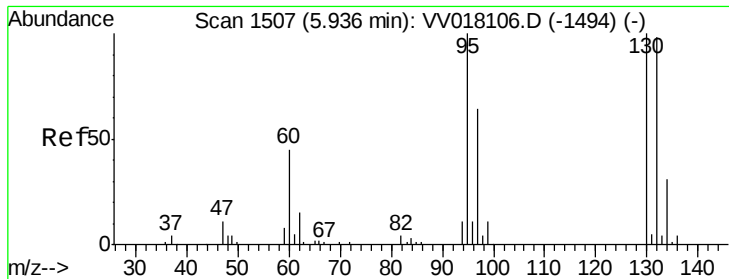


#25

Chloroform
Concen: 1.776 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018122.D
Acq: 27 Aug 2020 17:34

Tgt Ion: 83 Resp: 6650
Ion Ratio Lower Upper
83 100
85 74.5 45.5 84.5

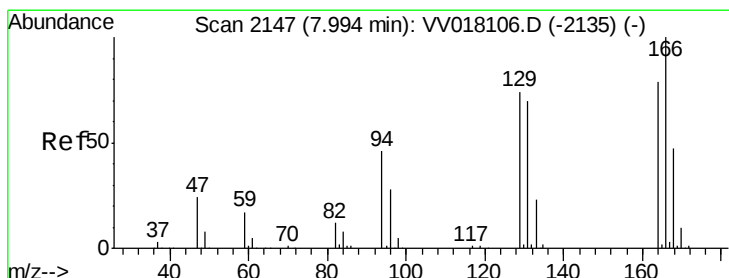
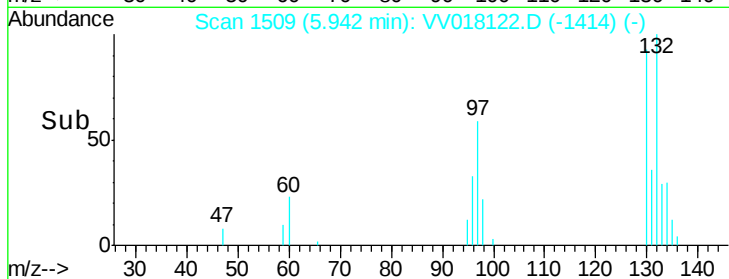
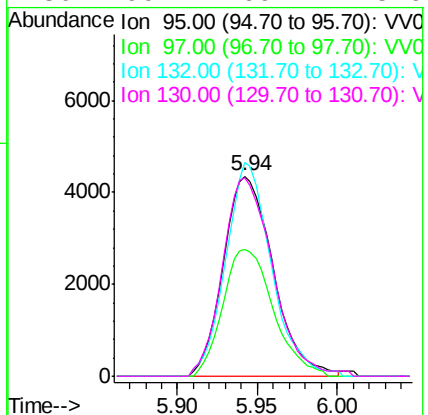
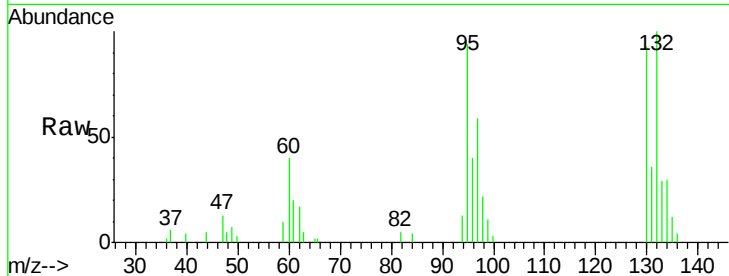




#34
 Trichloroethene
 Concen: 4.319 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018122.D
 Acq: 27 Aug 2020 17:34

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Tot Ion:	95	Resp:	9287
Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.0	85.4
132	106.7	65.8	122.2
130	99.4	69.2	128.6



#46
 Tetrachloroethene
 Concen: 8.897 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018122.D
 Acq: 27 Aug 2020 17:34

Tgt Ion:	164	Resp:	14032
Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.8	120.3
131	87.5	64.5	119.9
166	128.5	88.9	165.1

