

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022819\
 Data File : VR026420.D
 Acq On : 28 Feb 2019 15:44
 Operator : SY/MD
 Sample : K1588-10DL 5X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C09L9DL

Quant Time: Mar 01 16:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 06:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	506967	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	406044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	123103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	183506	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	2.62	69	155783	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	3.60	63	378307	3.25	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	6.59	46	173847	48.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.06%
24) Chloroform-d	7.20	84	331514	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	7.89	65	142452	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	7.85	84	607179	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	8.89	67	163319	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	9.97	98	518303	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	10.24	79	37421	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	10.59	63	140707	54.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60636	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	101974	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

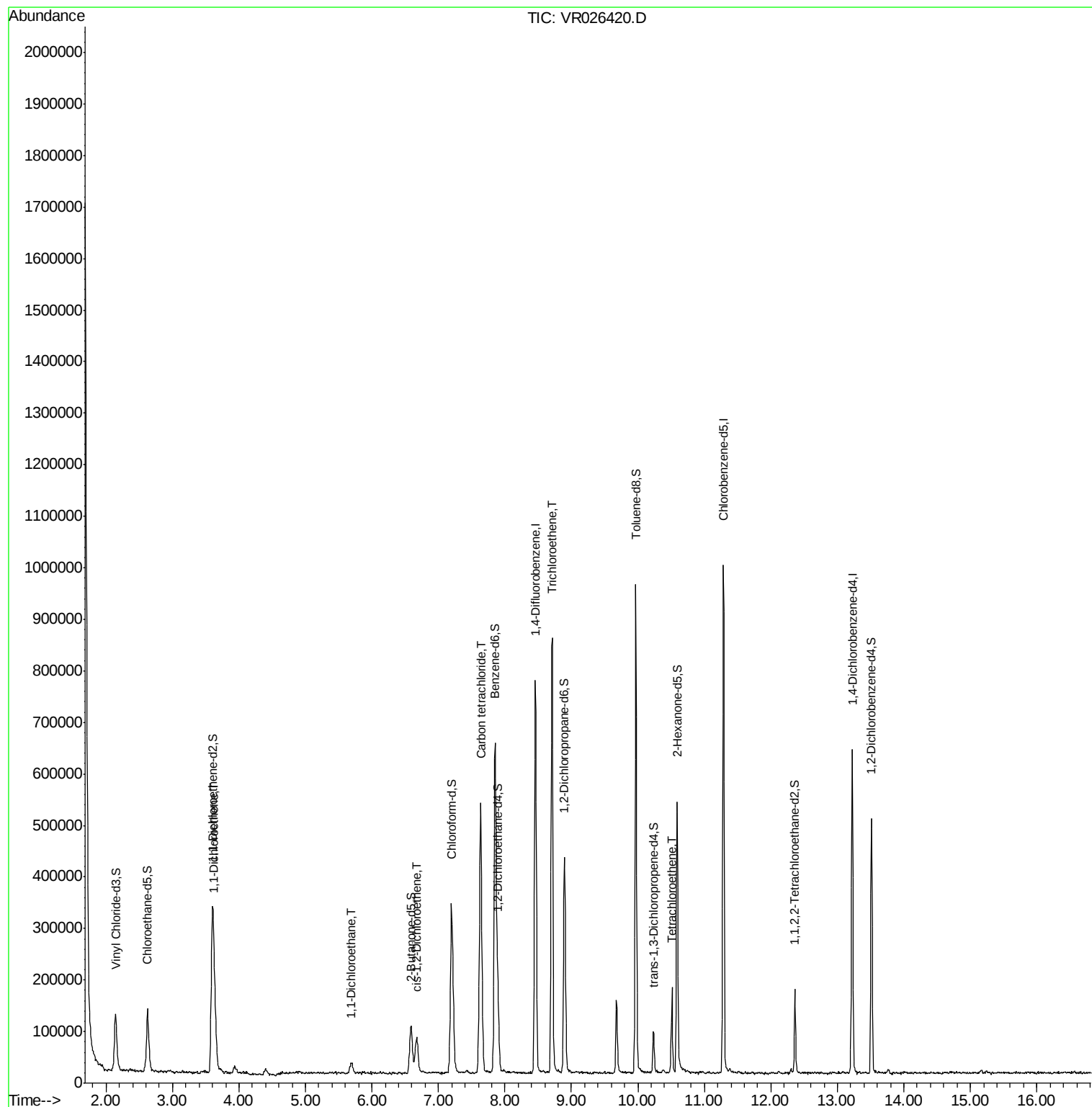
					Qvalue
12) 1,1-Dichloroethene	3.63	96	46680	1.054 ug/L #	1
19) 1,1-Dichloroethane	5.69	63	29004	0.392 ug/L #	82
22) cis-1,2-Dichloroethene	6.67	96	30606	0.902 ug/L #	98
31) Carbon tetrachloride	7.63	117	382814	6.999 ug/L	98
34) Trichloroethene	8.71	95	271134	6.907 ug/L	97
47) Tetrachloroethene	10.51	164	27405	0.963 ug/L	94

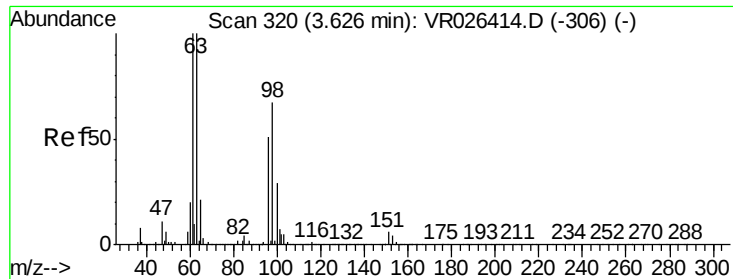
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.054 ug/L

RT: 3.63 min Scan# 320

Delta R.T. 0.00 min

Lab File: VR026420.D

Acq: 28 Feb 2019 15:44

Instrument :

MSVOA_R

ClientSampleID :

C09L9DL

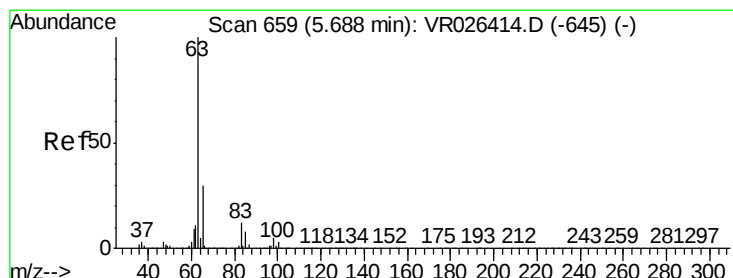
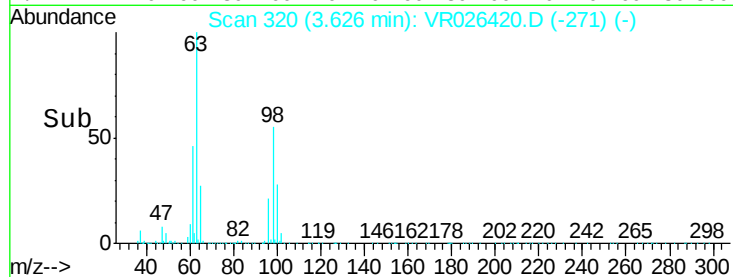
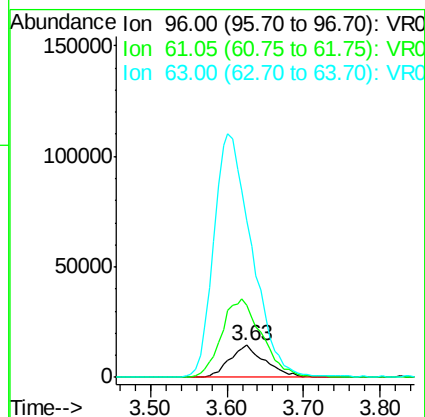
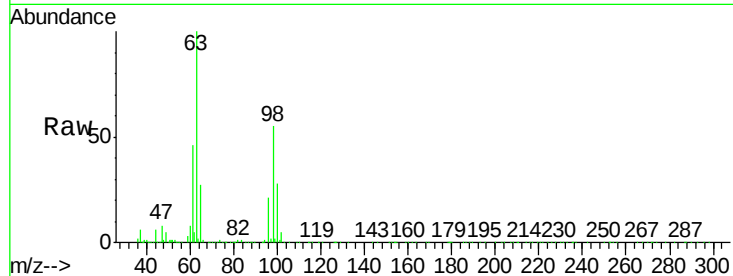
Tgt Ion: 96 Resp: 46680

Ion Ratio Lower Upper

96 100

61 223.8 135.9 252.5

63 484.5 136.6 253.6#



#19

1,1-Dichloroethane

Concen: 0.392 ug/L

RT: 5.69 min Scan# 659

Delta R.T. 0.00 min

Lab File: VR026420.D

Acq: 28 Feb 2019 15:44

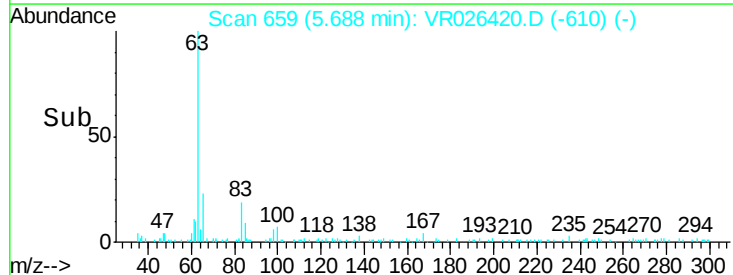
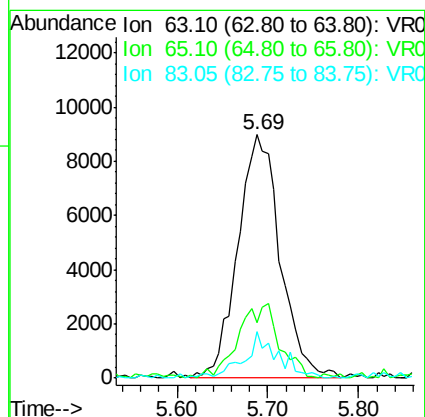
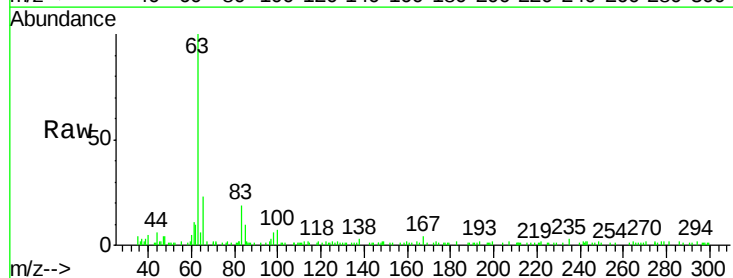
Tgt Ion: 63 Resp: 29004

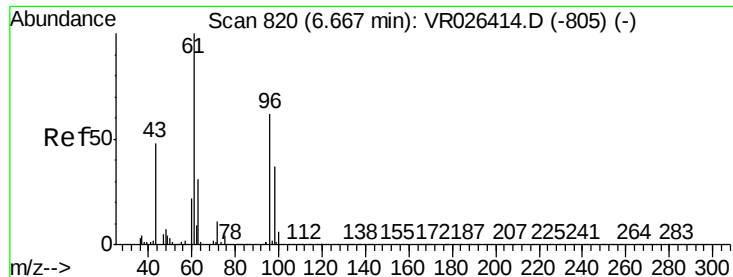
Ion Ratio Lower Upper

63 100

65 22.7 23.6 43.8#

83 19.1 8.8 16.4#



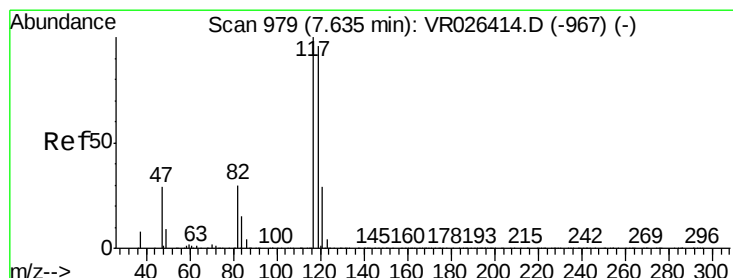
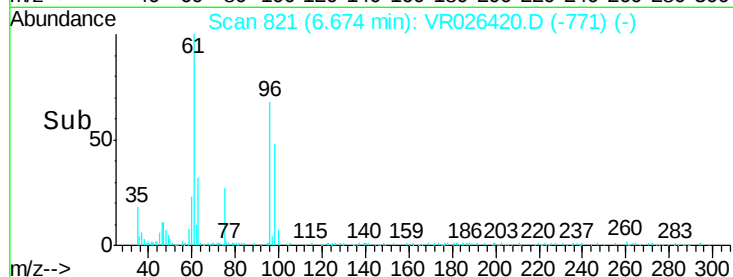
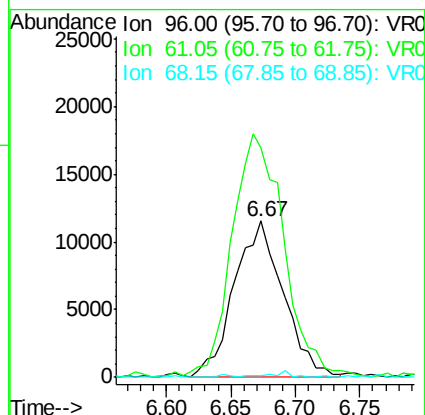
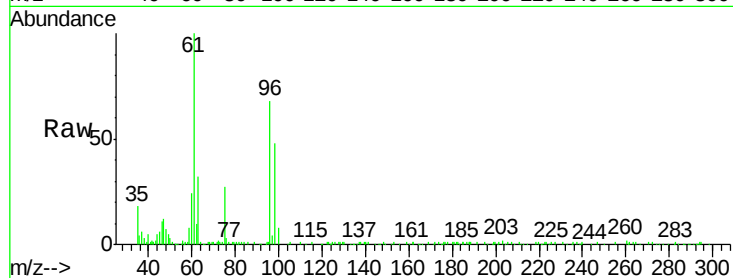


#22

cis-1,2-Dichloroethene
 Concen: 0.902 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: VR026420.D
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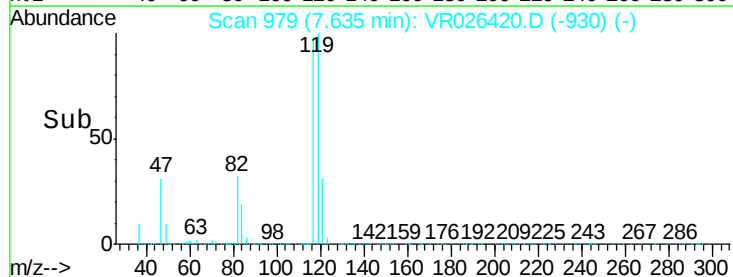
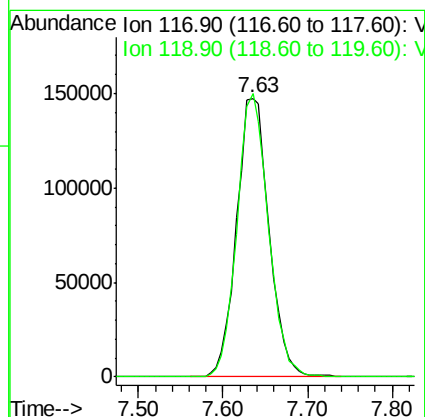
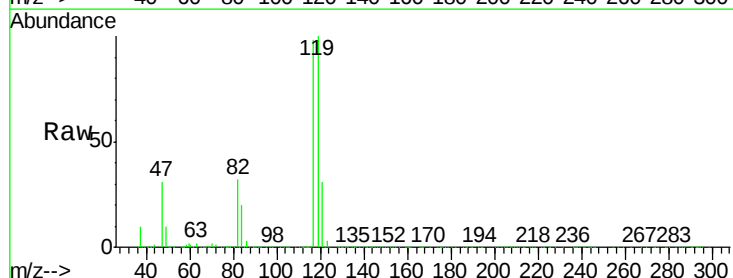
Tgt Ion: 96 Resp: 30606
 Ion Ratio Lower Upper
 96 100
 61 146.9 100.8 187.2
 68 1.0 0.1 0.1#

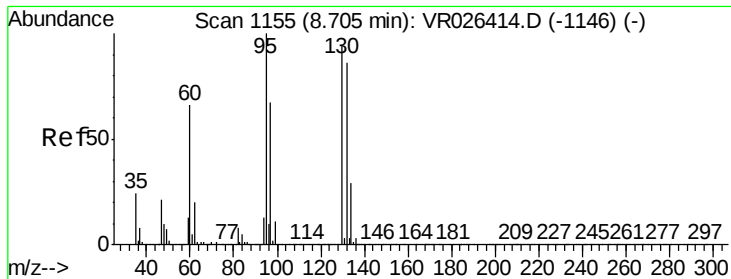


#31

Carbon tetrachloride
 Concen: 6.999 ug/L
 RT: 7.63 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: VR026420.D
 Acq: 28 Feb 2019 15:44

Tgt Ion: 117 Resp: 382814
 Ion Ratio Lower Upper
 117 100
 119 98.0 77.0 115.6

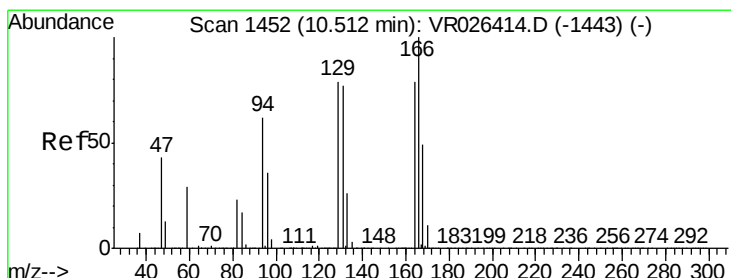
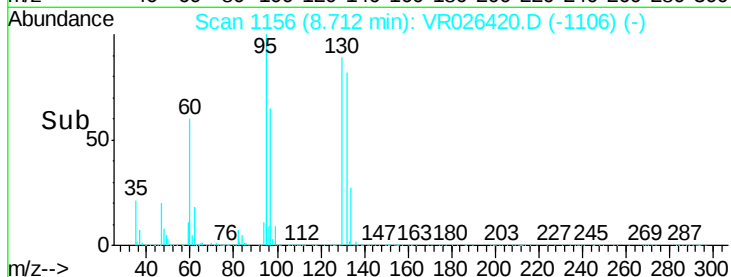
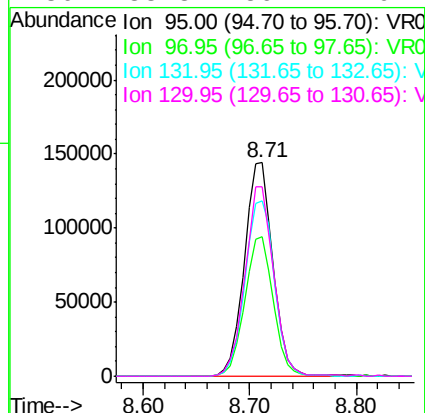
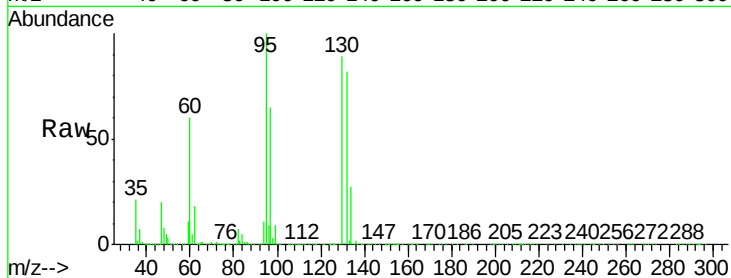




#34
 Trichloroethene
 Concen: 6.907 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR026420.D
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Tgt Ion:	95	Resp:	271134
Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.5	80.7
132	82.0	58.6	108.8
130	88.8	59.4	110.2



#47
 Tetrachloroethene
 Concen: 0.963 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026420.D
 Acq: 28 Feb 2019 15:44

Tgt Ion:	164	Resp:	27405
Ion	Ratio	Lower	Upper
164	100		
129	102.7	67.2	124.8
131	106.6	67.3	125.1
166	126.3	90.4	167.8

