

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110518\
 Data File : VR026174.D
 Acq On : 5 Nov 2018 11:57
 Operator : SY/MD
 Sample : J5802-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0BE8

Quant Time: Nov 06 03:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 06 03:06:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	608751	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	499905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	204310	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	2.62	69	208437	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.61	63	557478	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	6.59	46	222378	50.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	7.20	84	381240	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	7.90	65	158800	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	7.86	84	734370	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	202375	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	9.97	98	638627	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	10.23	79	35905	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	10.59	63	165530	52.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75276	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	122407	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

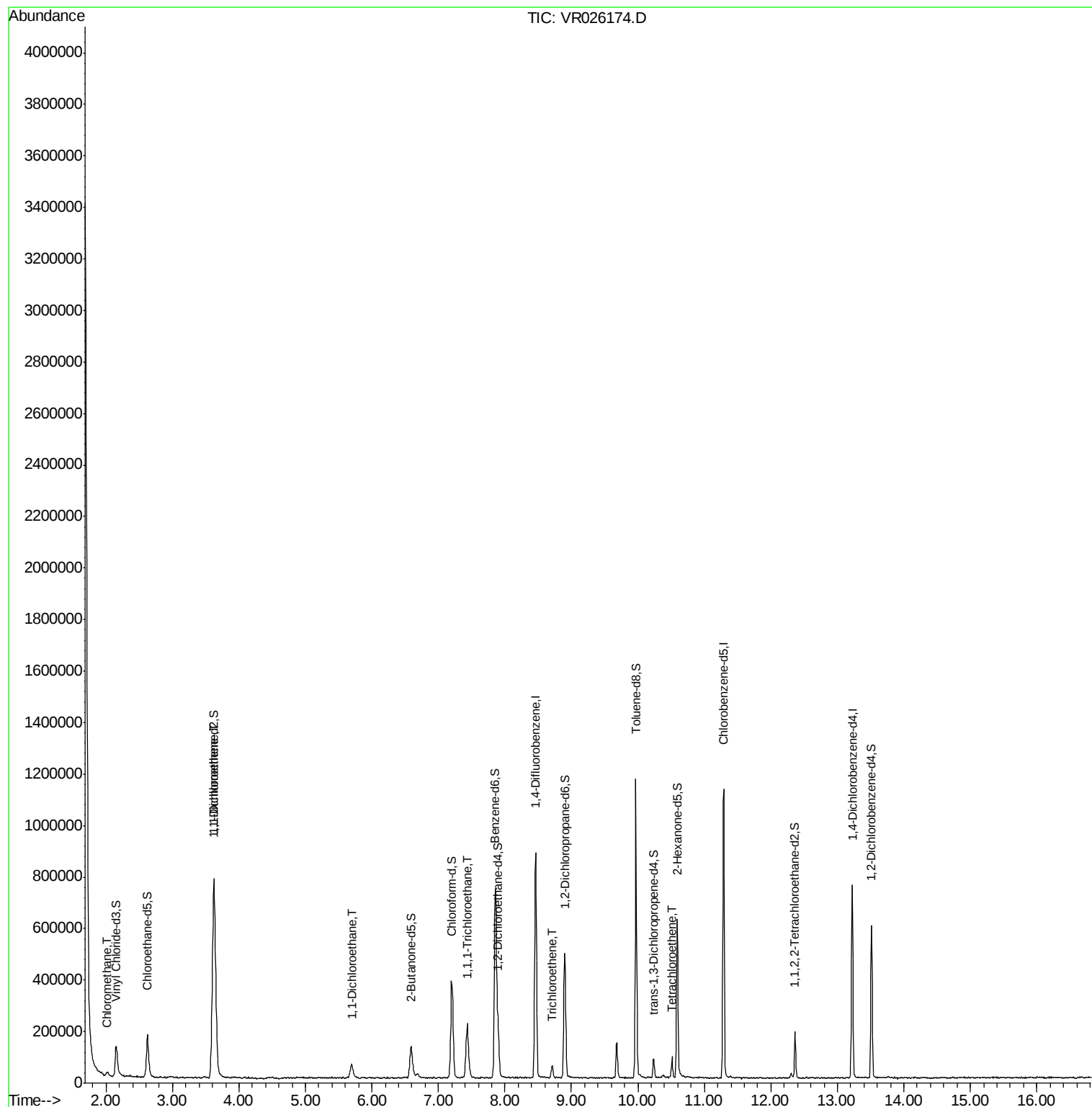
					Ovalue
3) Chloromethane	2.01	50	20913	0.322 ug/L	91
12) 1,1-Dichloroethene	3.63	96	328451	5.548 ug/L	83
19) 1,1-Dichloroethane	5.69	63	73293	0.872 ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	180946	2.649 ug/L	98
34) Trichloroethene	8.71	95	15091	0.314 ug/L	91
47) Tetrachloroethene	10.51	164	14538	0.424 ug/L	93

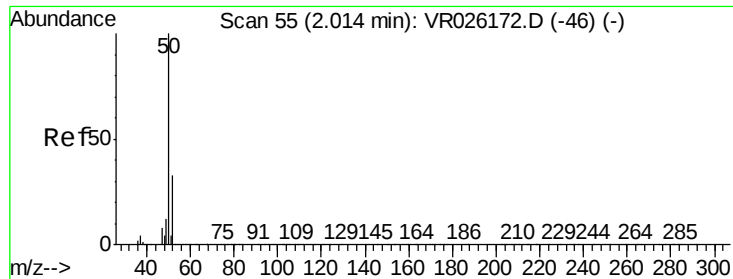
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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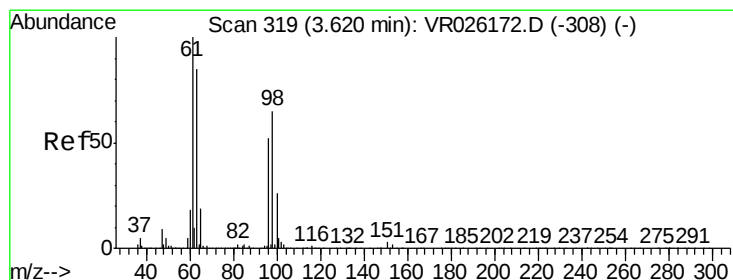
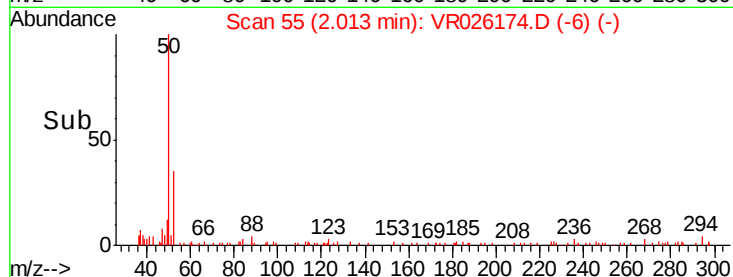
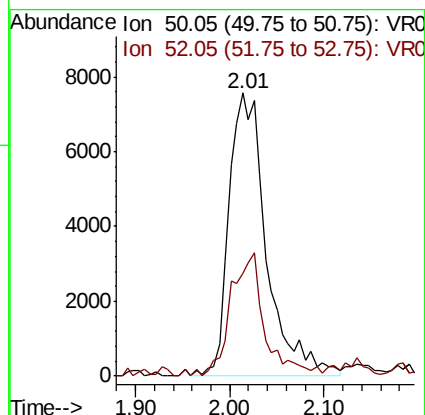
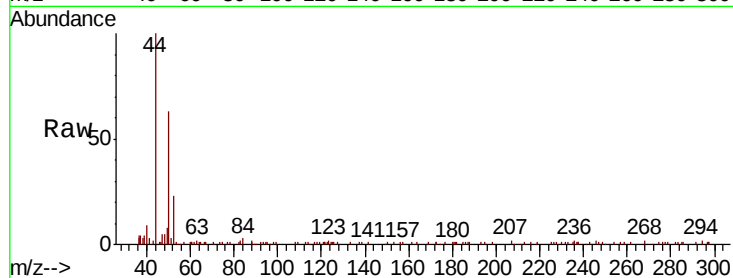




#3
Chloromethane
Concen: 0.322 ug/L
RT: 2.01 min Scan# 55
Delta R.T. -0.00 min
Lab File: VR026174.D
Acq: 5 Nov 2018 11:57

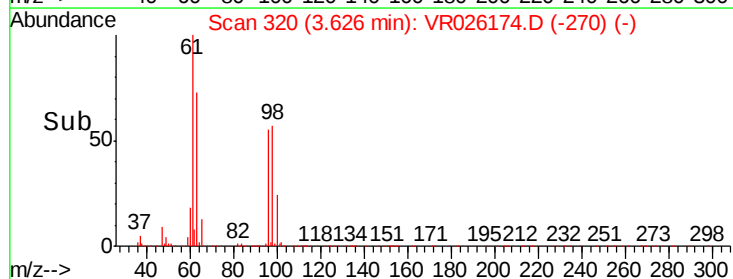
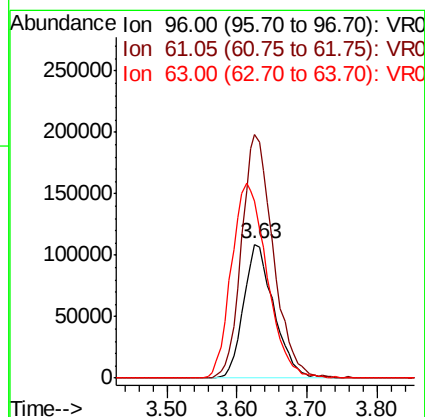
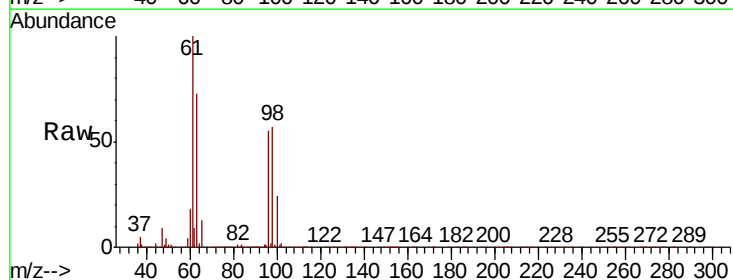
Instrument :
MSVOA_R
ClientSampleId :
C0BE8

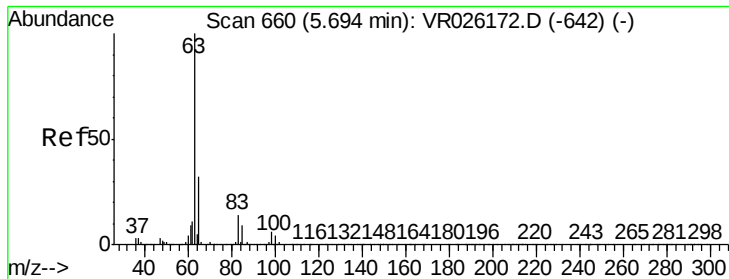
Tot Ion: 50 Resp: 20913
Ion Ratio Lower Upper
50 100
52 36.4 22.0 40.8



#12
1,1-Dichloroethene
Concen: 5.548 ug/L
RT: 3.63 min Scan# 320
Delta R.T. 0.01 min
Lab File: VR026174.D
Acq: 5 Nov 2018 11:57

Tgt Ion: 96 Resp: 328451
Ion Ratio Lower Upper
96 100
61 182.2 126.7 235.3
63 132.6 125.0 232.2

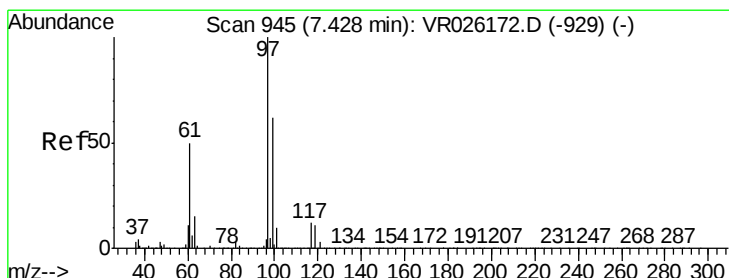
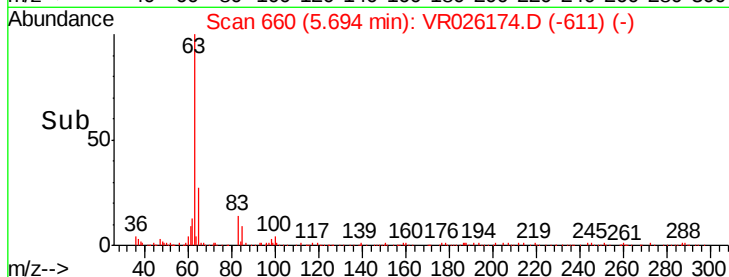
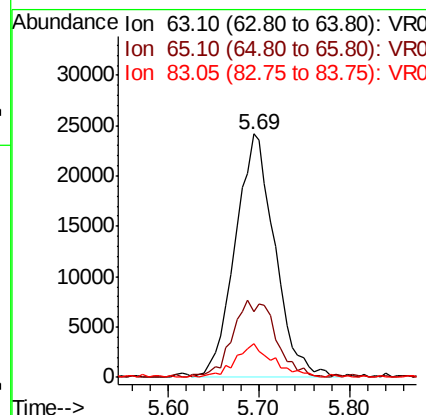
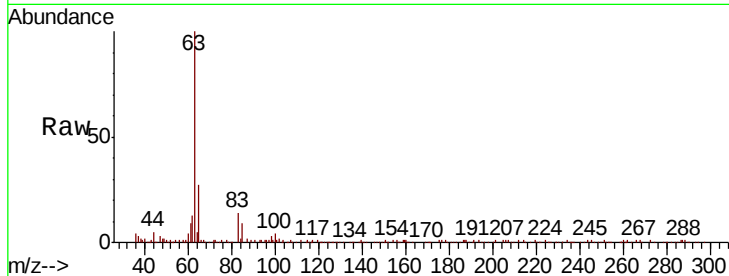




#19
 1,1-Dichloroethane
 Concen: 0.872 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VR026174.D
 Acq: 5 Nov 2018 11:57

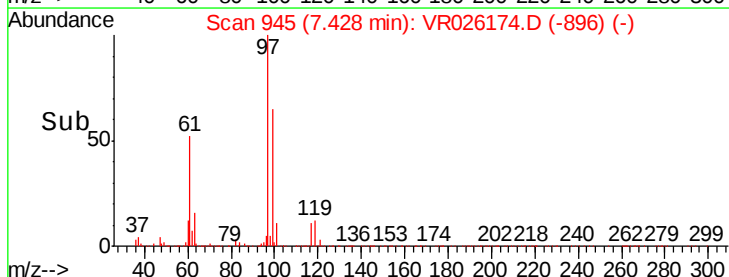
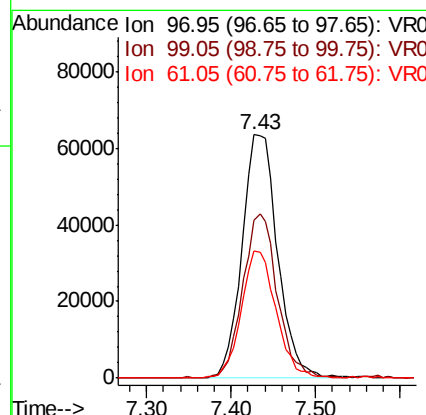
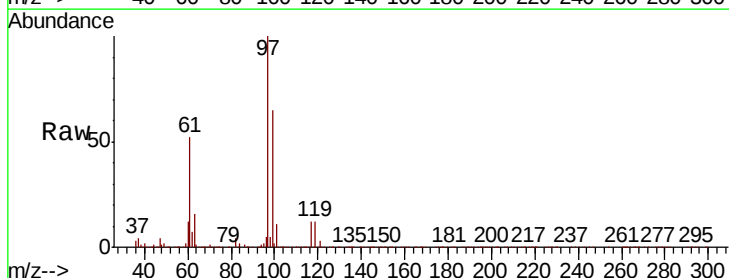
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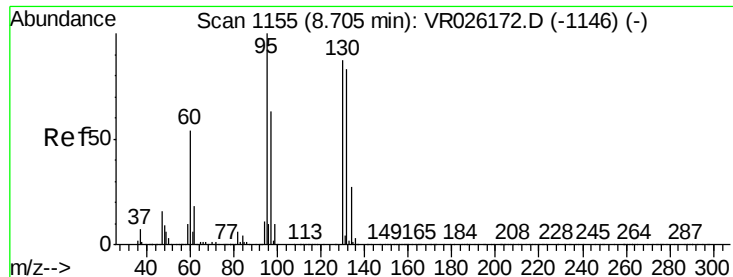
Tot Ion:	63	Resp:	73293
Ion	Ratio	Lower	Upper
63	100		
65	27.1	21.2	39.4
83	13.8	9.2	17.2



#29
 1,1,1-Trichloroethane
 Concen: 2.649 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VR026174.D
 Acq: 5 Nov 2018 11:57

Tgt Ion:	97	Resp:	180946
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.1	76.7
61	51.1	42.1	63.1





#34

Trichloroethene

Concen: 0.314 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

Instrument :

MSVOA_R

ClientSampleId :

C0BE8

Tot Ion: 95 Resp: 15091

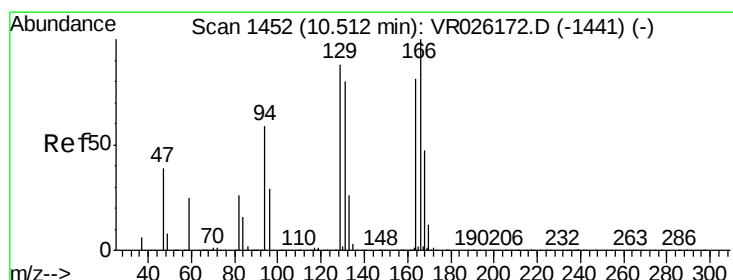
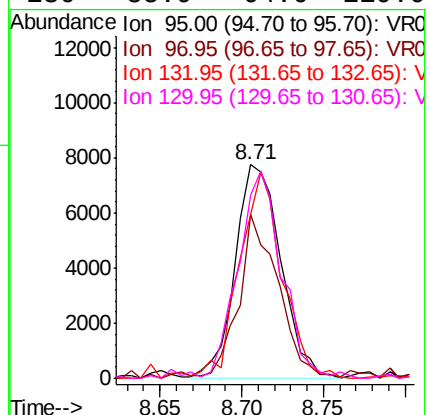
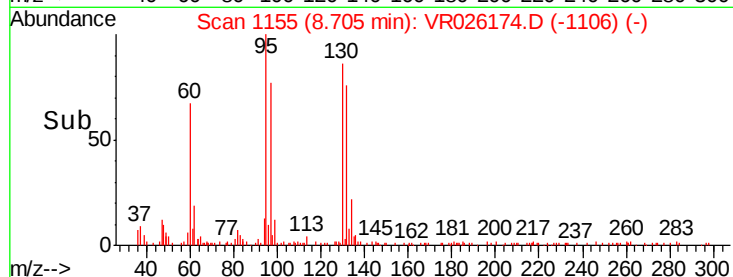
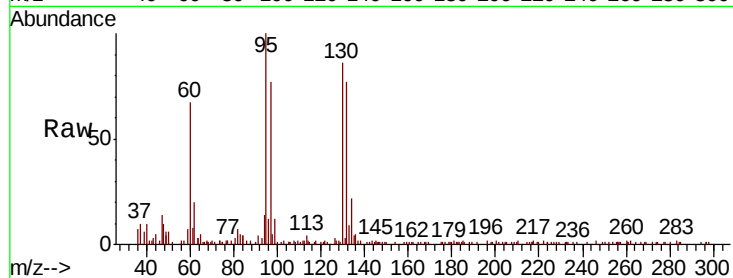
Ion Ratio Lower Upper

95 100

97 76.9 45.7 84.9

132 76.6 58.3 108.3

130 85.9 64.0 119.0



#47

Tetrachloroethene

Concen: 0.424 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026174.D

Acq: 5 Nov 2018 11:57

Tgt Ion: 164 Resp: 14538

Ion Ratio Lower Upper

164 100

129 94.3 70.3 130.5

131 87.7 67.3 125.1

166 129.4 86.1 159.9

