

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026247.D
 Acq On : 21 Nov 2018 1:59
 Operator : SY/MD
 Sample : J6026-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleID :
 H0FL8

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:40:11 PM

Quant Time: Nov 21 04:12:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 03:23:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	534265	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149867	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	221019	5.43	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	2.63	69	200823	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	3.61	63	430758	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	6.59	46	207256	54.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.88%
24) Chloroform-d	7.20	84	395302	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	7.90	65	155654	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	7.85	84	773584	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	8.90	67	196814	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	677217	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	10.24	79	46294	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	140827	56.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80749	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	136230	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Qvalue
5) Vinyl chloride	2.18	62	699330	14.801 ug/L	98
17) Methyl tert-butyl Ether	4.90	73	15331381	330.709 ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	62782	1.524 ug/L	92
19) 1,1-Dichloroethane	5.70	63	128263	1.735 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	91363	2.462 ug/L #	87
33) Benzene	7.91	78	92385m	0.566 ug/L	

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

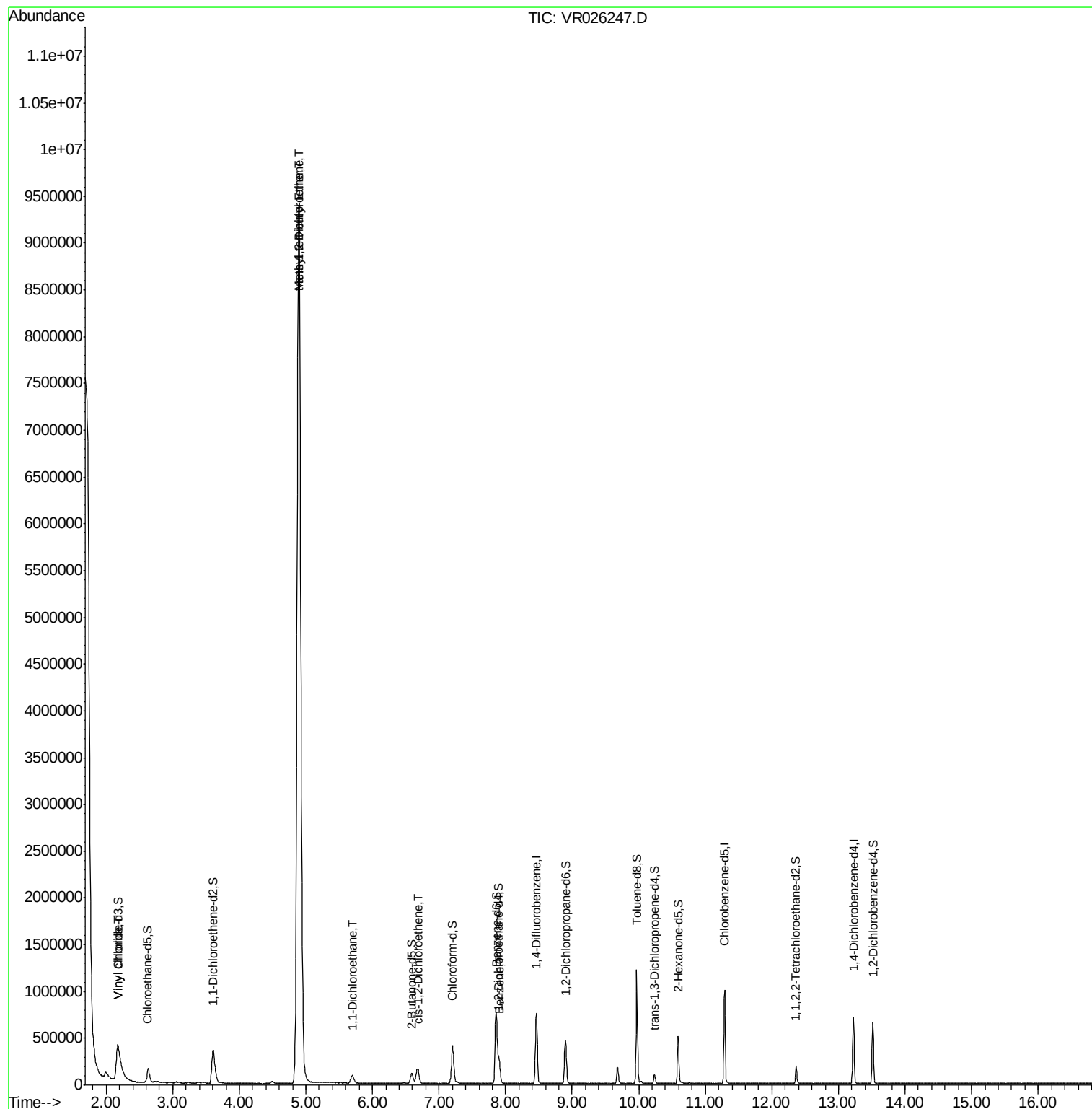
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
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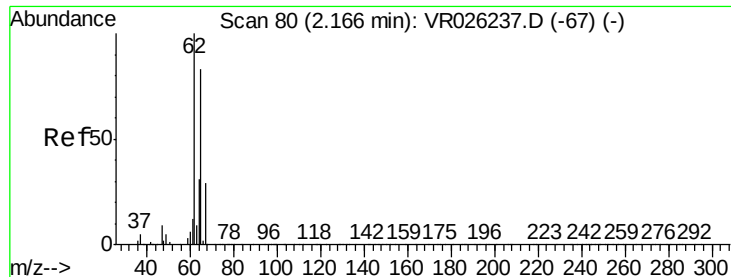
Instrument :
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Quant Time: Nov 21 04:12:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 14.801 ug/L

RT: 2.18 min Scan# 82

Delta R.T. 0.01 min

Lab File: VR026247.D

Acq: 21 Nov 2018 1:59

Instrument :

MSVOA_R

ClientSampleId :

H0FL8

Tgt Ion: 62 Resp: 699330

Ion Ratio Lower Upper

62 100

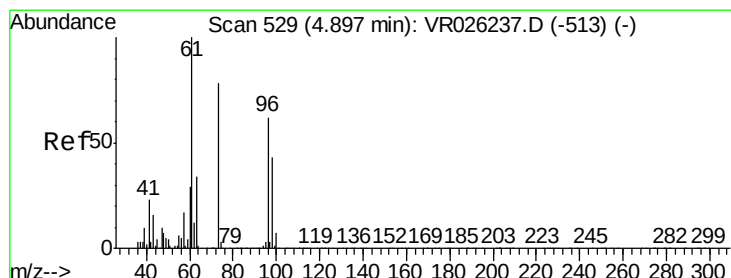
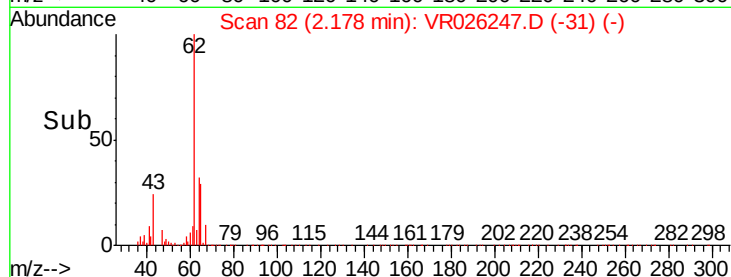
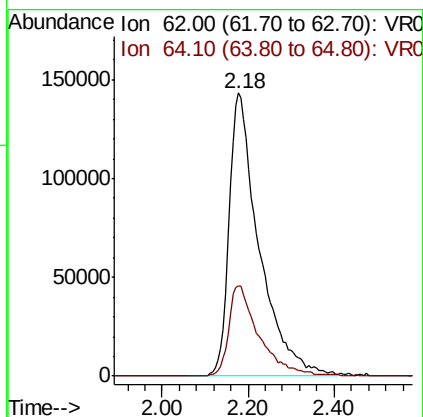
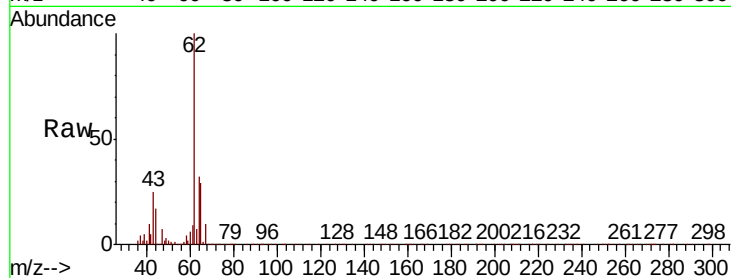
64 31.7 21.3 39.5

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#17

Methyl tert-butyl Ether

Concen: 330.709 ug/L

RT: 4.90 min Scan# 529

Delta R.T. 0.00 min

Lab File: VR026247.D

Acq: 21 Nov 2018 1:59

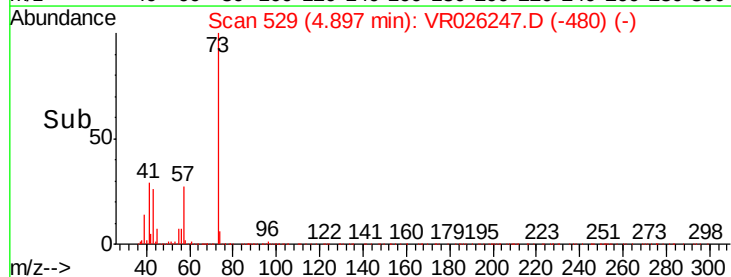
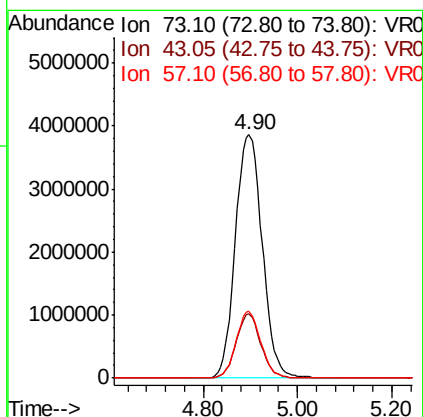
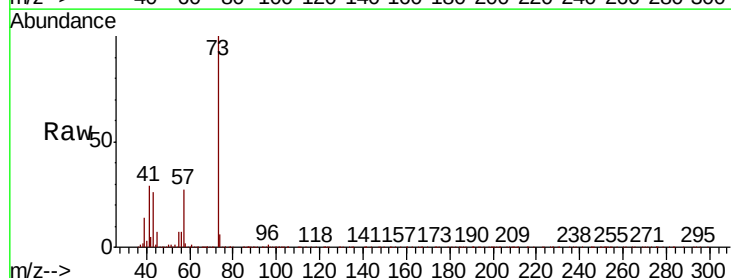
Tgt Ion: 73 Resp: 15331381

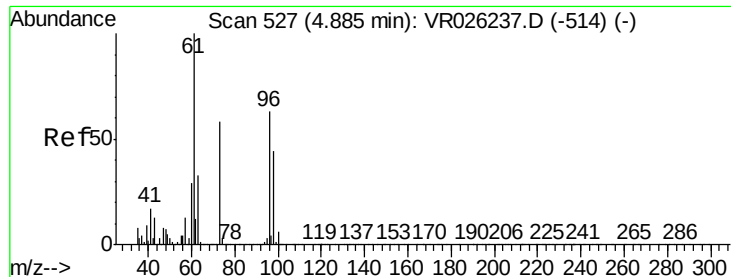
Ion Ratio Lower Upper

73 100

43 24.3 19.0 28.4

57 25.2 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 1.524 ug/L

RT: 4.89 min Scan# 528

Delta R.T. 0.01 min

Lab File: VR026247.D

Acq: 21 Nov 2018 1:59

Instrument :

MSVOA_R

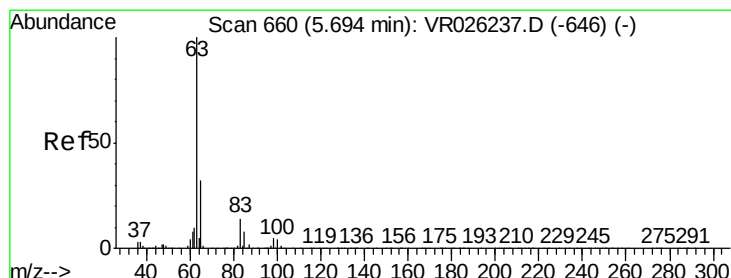
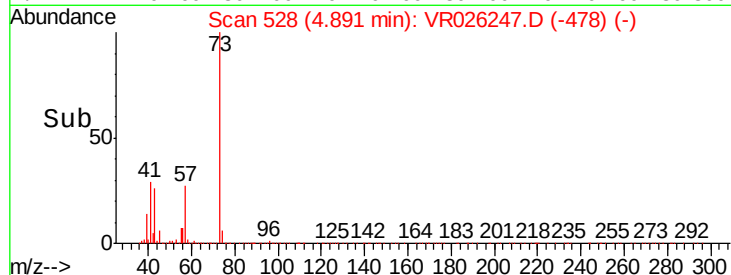
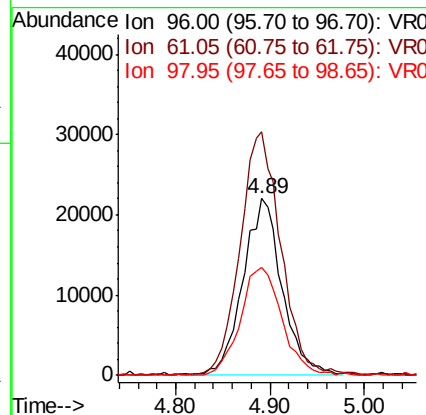
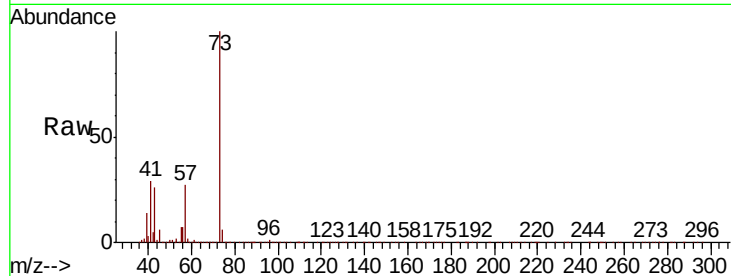
ClientSampleId :

H0FL8

Tgt Ion:	96	Resp:	62782
Ion Ratio	Lower	Upper	
96	100		
61	137.6	105.4	195.8
98	61.3	42.1	78.1

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#19

1,1-Dichloroethane

Concen: 1.735 ug/L

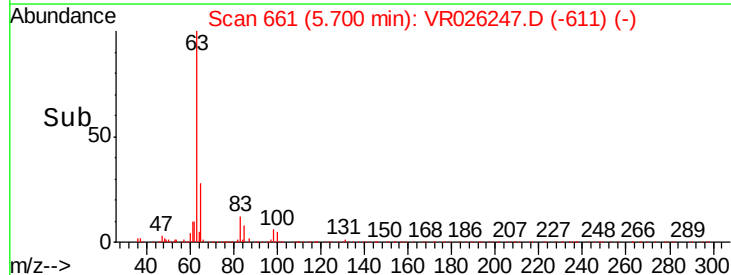
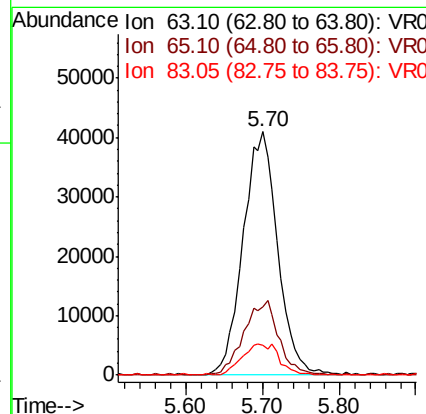
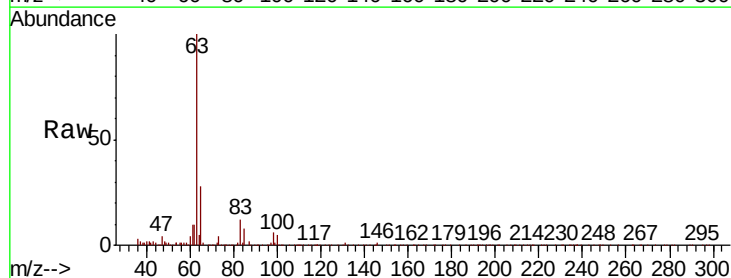
RT: 5.70 min Scan# 661

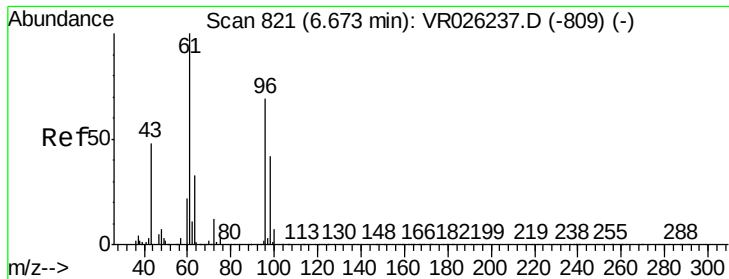
Delta R.T. 0.01 min

Lab File: VR026247.D

Acq: 21 Nov 2018 1:59

Tgt Ion:	63	Resp:	128263
Ion Ratio	Lower	Upper	
63	100		
65	28.0	21.1	39.3
83	12.3	9.9	18.5





#22

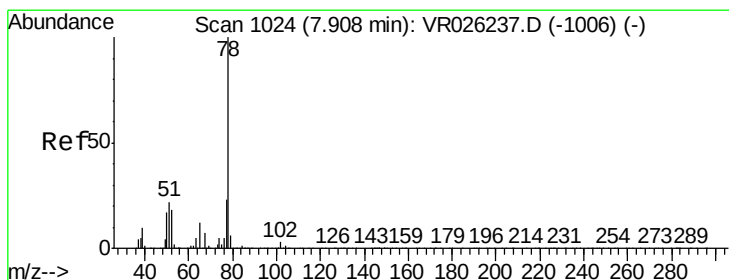
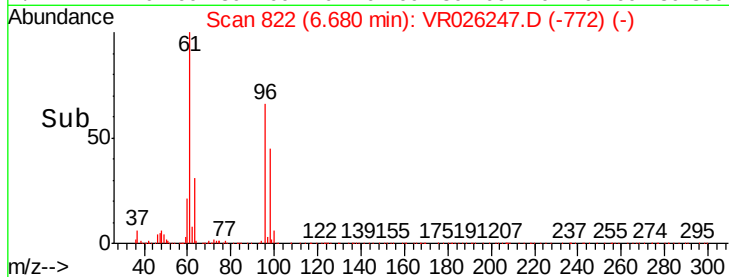
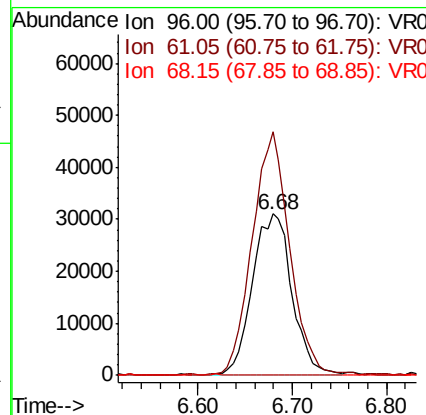
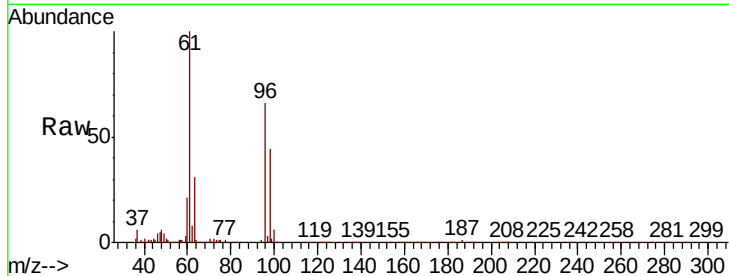
cis-1,2-Dichloroethene
Concen: 2.462 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026247.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	151.1	94.8	176.2
68	0.2	0.0	0.0#

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#33

Benzene
Concen: 0.566 ug/L m
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR026247.D
Acq: 21 Nov 2018 1:59

Tgt Ion: 78 Resp: 92385

