

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026242.D
 Acq On : 20 Nov 2018 23:15
 Operator : SY/MD
 Sample : J6026-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0FK2

Quant Time: Nov 21 03:46:56 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	551427	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	452019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	151521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	199605	4.75	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	2.63	69	186002	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	3.61	63	394958	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.59	46	190647	48.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	7.20	84	367633	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	7.90	65	150253	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	7.86	84	736560	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.90	67	190861	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	9.97	98	658447	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	45317	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	10.59	63	131555	52.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.26%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	71660	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	127699	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

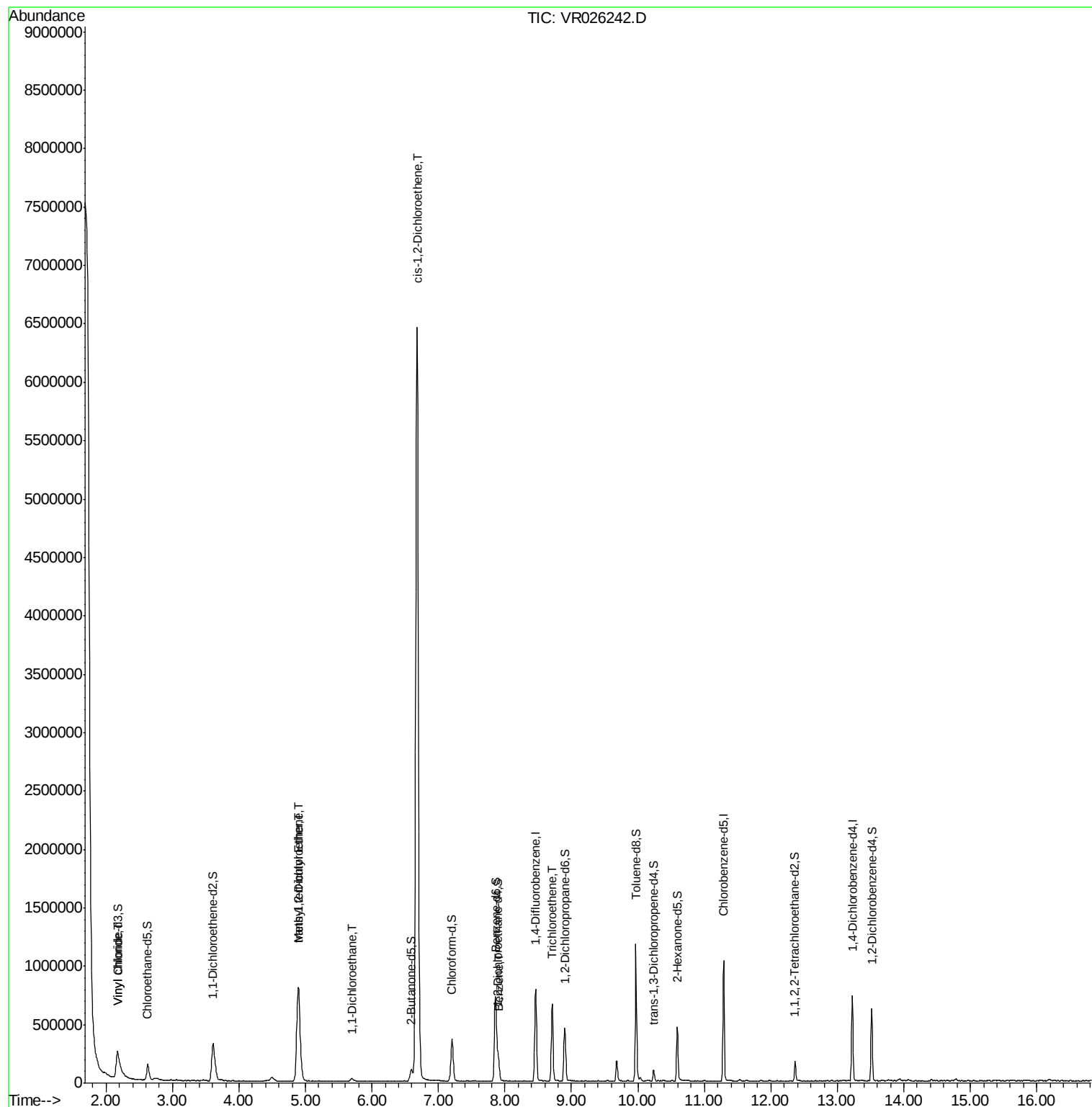
					Qvalue
5) Vinyl chloride	2.17	62	277295	5.686	ug/L 100
17) Methyl tert-butyl Ether	4.90	73	815606	17.046	ug/L 98
18) trans-1,2-Dichloroethene	4.89	96	183245	4.311	ug/L 98
19) 1,1-Dichloroethane	5.69	63	34504	0.452	ug/L 94
22) cis-1,2-Dichloroethene	6.68	96	3815651	99.606	ug/L # 96
33) Benzene	7.91	78	40333	0.244	ug/L 100
34) Trichloroethene	8.71	95	215290	4.921	ug/L 94

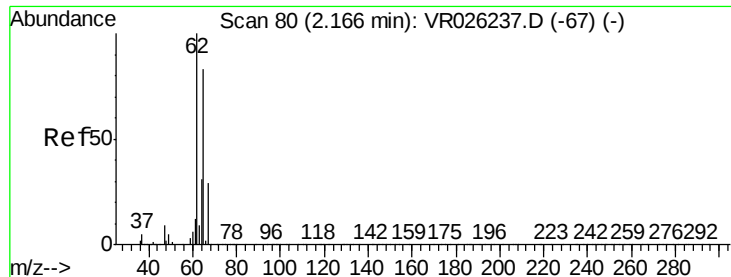
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.686 ug/L

RT: 2.17 min Scan# 81

Delta R.T. 0.01 min

Lab File: VR026242.D

Acq: 20 Nov 2018 23:15

Instrument :

MSVOA_R

ClientSampleId :

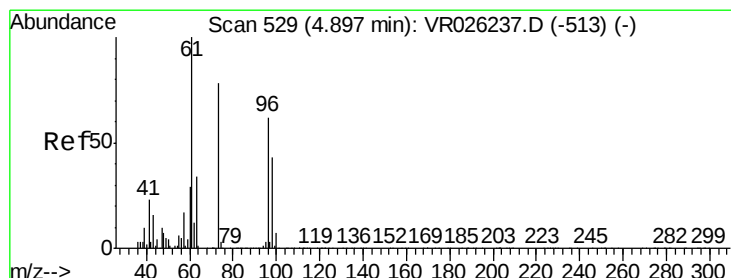
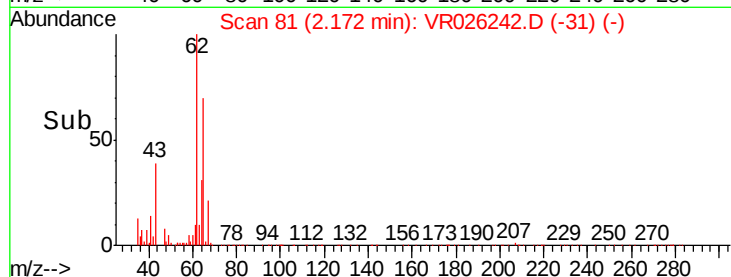
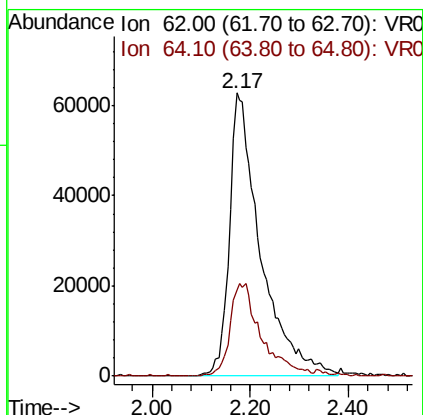
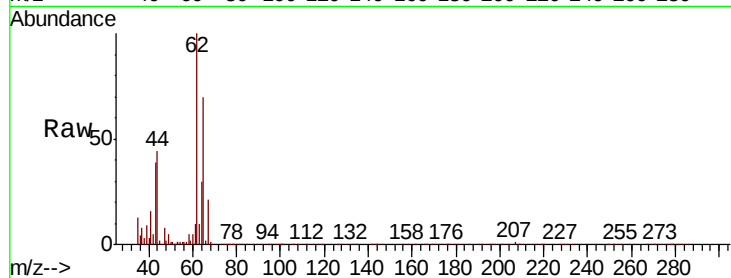
H0FK2

Tgt Ion: 62 Resp: 277295

Ion Ratio Lower Upper

62 100

64 30.5 21.3 39.5



#17

Methyl tert-butyl Ether

Concen: 17.046 ug/L

RT: 4.90 min Scan# 529

Delta R.T. 0.00 min

Lab File: VR026242.D

Acq: 20 Nov 2018 23:15

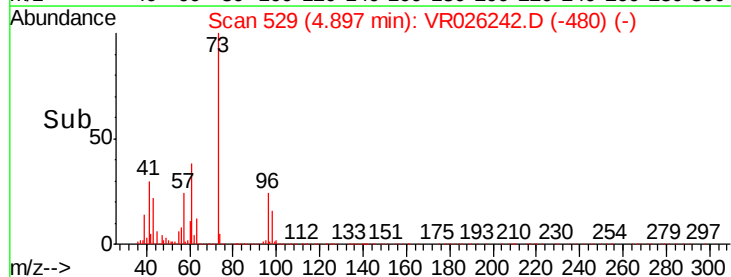
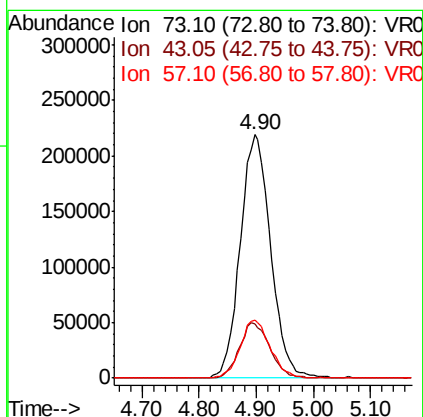
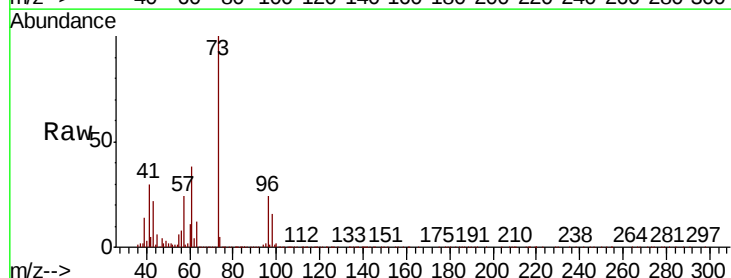
Tgt Ion: 73 Resp: 815606

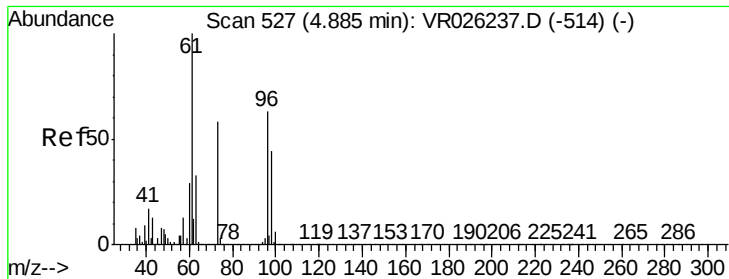
Ion Ratio Lower Upper

73 100

43 22.8 19.0 28.4

57 23.5 17.9 26.9

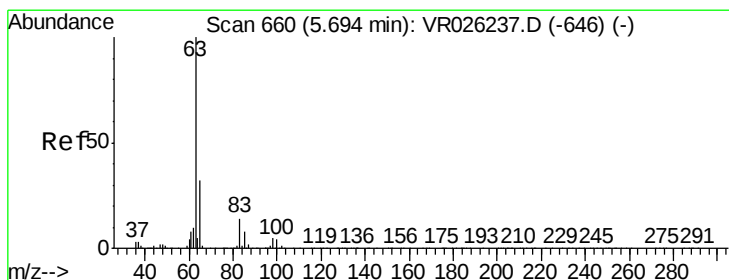
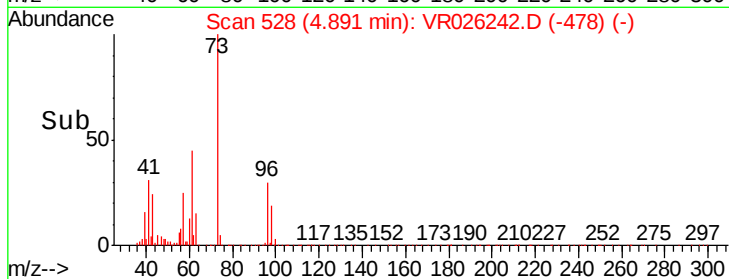
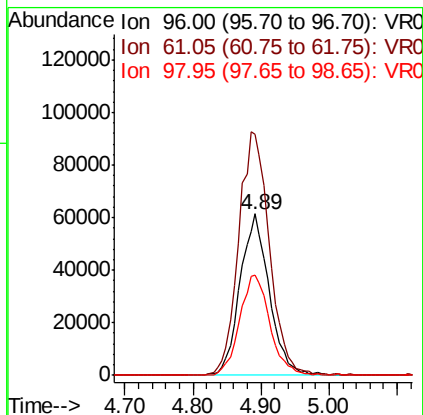
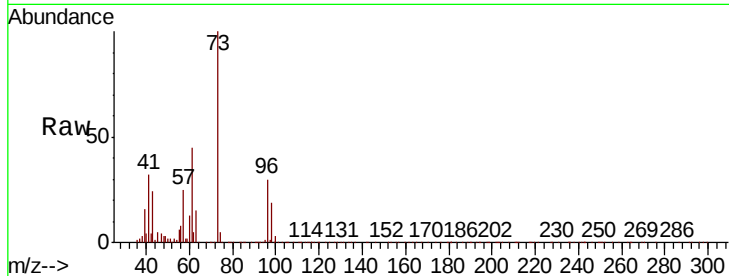




#18
trans-1,2-Dichloroethene
Concen: 4.311 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
Lab File: VR026242.D
Acq: 20 Nov 2018 23:15

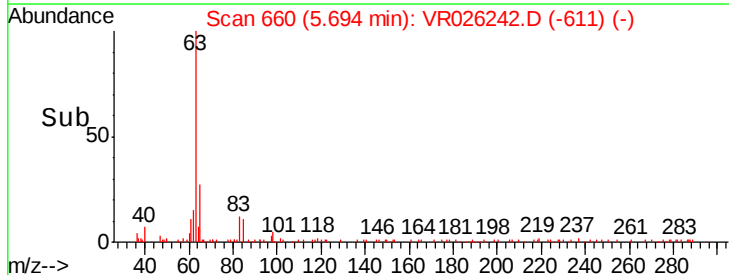
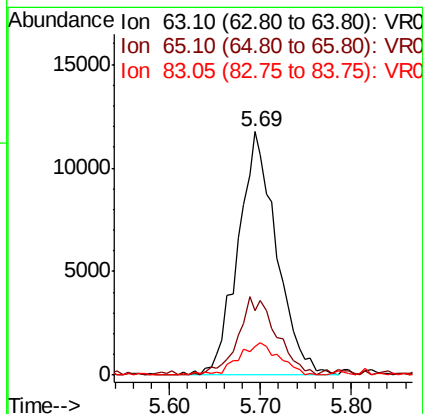
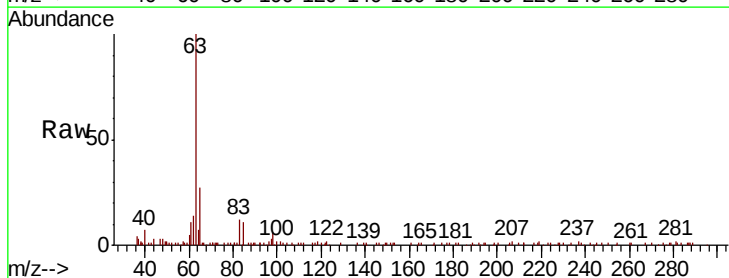
Instrument :
MSVOA_R
ClientSampleId :
H0FK2

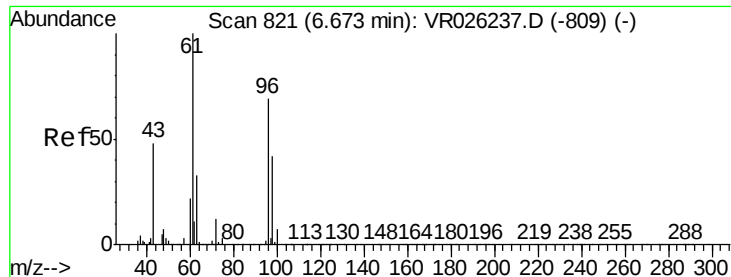
Tgt Ion: 96 Resp: 183245
Ion Ratio Lower Upper
96 100
61 149.5 105.4 195.8
98 62.5 42.1 78.1



#19
1,1-Dichloroethane
Concen: 0.452 ug/L
RT: 5.69 min Scan# 660
Delta R.T. 0.00 min
Lab File: VR026242.D
Acq: 20 Nov 2018 23:15

Tgt Ion: 63 Resp: 34504
Ion Ratio Lower Upper
63 100
65 26.6 21.1 39.3
83 12.0 9.9 18.5





#22

cis-1,2-Dichloroethene

Concen: 99.606 ug/L

RT: 6.68 min Scan# 822

Delta R.T. 0.01 min

Lab File: VR026242.D

Acq: 20 Nov 2018 23:15

Instrument :

MSVOA_R

ClientSampled :

H0FK2

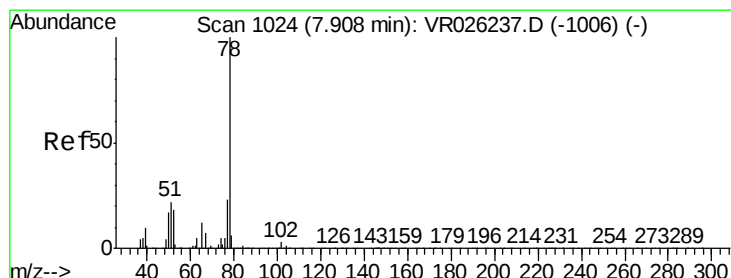
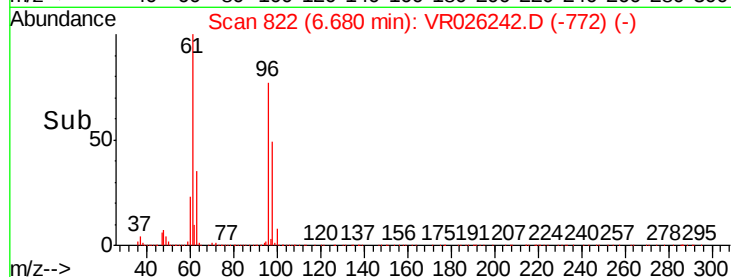
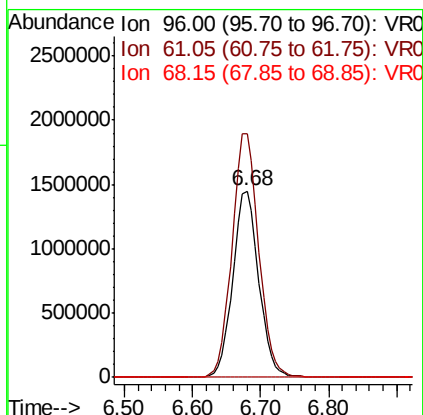
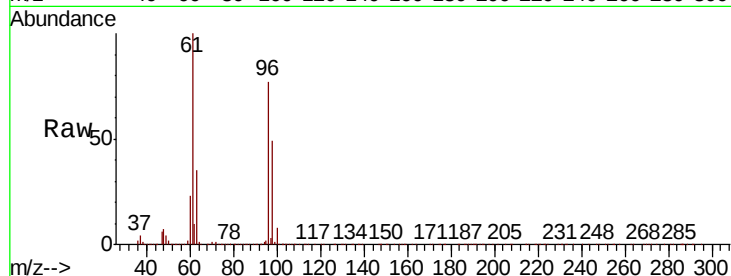
Tgt Ion: 96 Resp: 3815651

Ion Ratio Lower Upper

96 100

61 130.5 94.8 176.2

68 0.0 0.0 0.0#



#33

Benzene

Concen: 0.244 ug/L

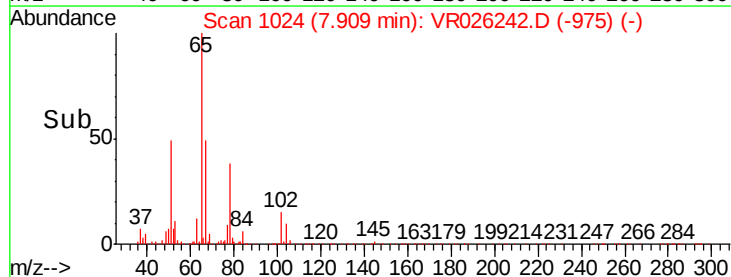
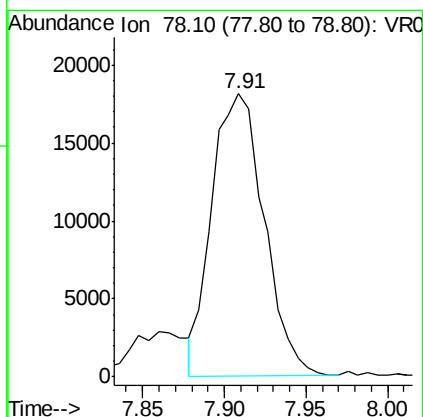
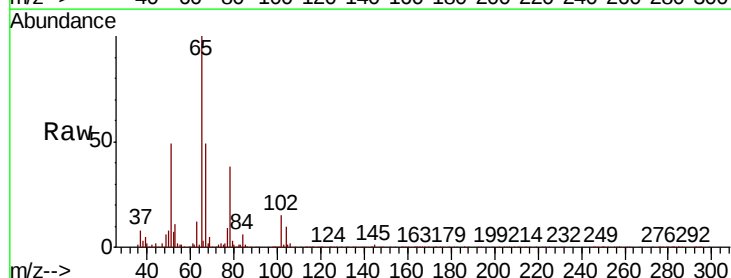
RT: 7.91 min Scan# 1024

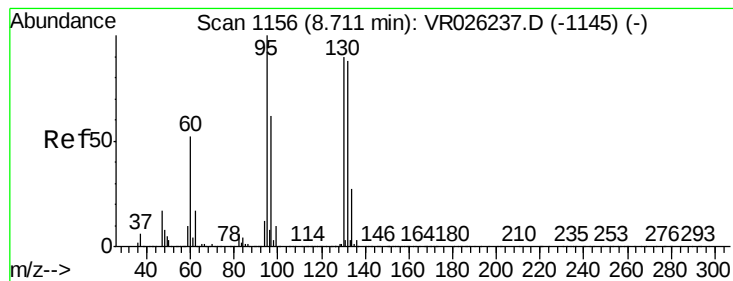
Delta R.T. 0.00 min

Lab File: VR026242.D

Acq: 20 Nov 2018 23:15

Tgt Ion: 78 Resp: 40333





#34

Trichloroethene

Concen: 4.921 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026242.D

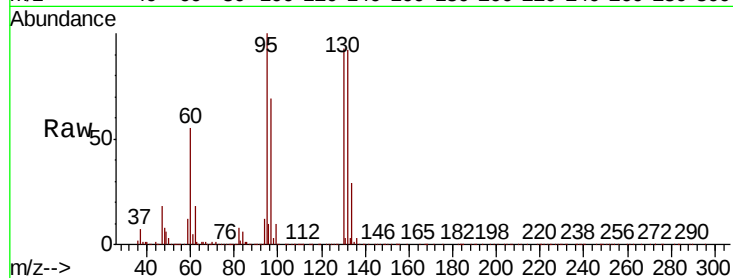
Acq: 20 Nov 2018 23:15

Instrument :

MSVOA_R

ClientSampleId :

H0FK2



Tgt Ion: 95 Resp: 215290

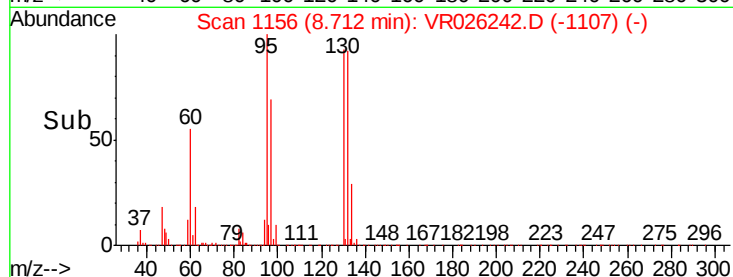
Ion Ratio Lower Upper

95 100

97 68.8 45.1 83.7

132 91.7 59.8 111.0

130 92.8 61.4 114.0



Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

