

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026331.D
 Acq On : 15 Feb 2019 15:45
 Operator : SY/MD
 Sample : K1488-15
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXF1

Quant Time: Feb 16 03:44:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 03:20:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	596025	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	472817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142569	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	265191	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	2.63	69	195610	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	3.61	63	456742	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	6.59	46	176755	51.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	7.20	84	379820	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	7.89	65	144436	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	7.85	84	777679	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	8.89	67	191734	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	9.97	98	691788	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	10.23	79	41718	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	10.59	63	139451	55.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66794	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	126446	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

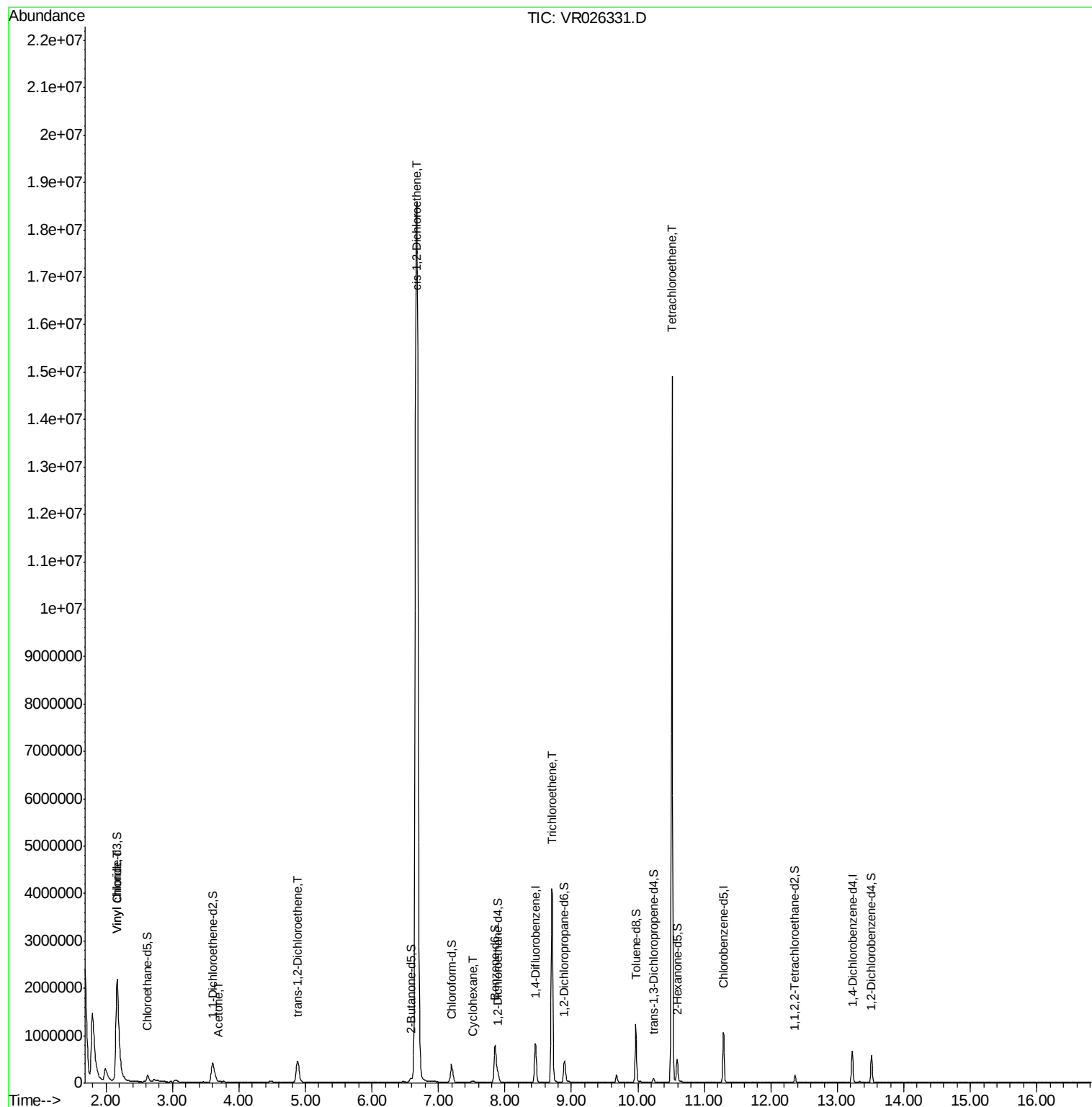
					Ovalue
5) Vinyl chloride	2.17	62	3884110	61.489	ug/L 97
13) Acetone	3.69	43	5583	1.528	ug/L 77
18) trans-1,2-Dichloroethene	4.89	96	263496	5.098	ug/L 98
22) cis-1,2-Dichloroethene	6.67	96	12430486	298.180	ug/L # 73
30) Cyclohexane	7.51	56	14642	0.235	ug/L 98
34) Trichloroethene	8.71	95	1302739	27.007	ug/L 99
47) Tetrachloroethene	10.51	164	2675071	72.273	ug/L 92

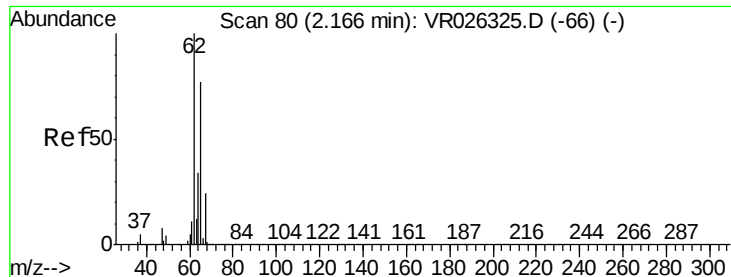
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
Data File : VR026331.D
Acq On : 15 Feb 2019 15:45
Operator : SY/MD
Sample : K1488-15
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Quant Time: Feb 16 03:44:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 61.489 ug/L

RT: 2.17 min Scan# 81

Delta R.T. 0.01 min

Lab File: VR026331.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_R

ClientSampleId :

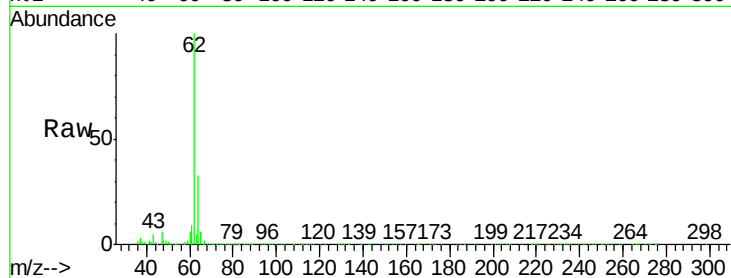
ESXF1

Tot Ion: 62 Resp: 3884110

Ion Ratio Lower Upper

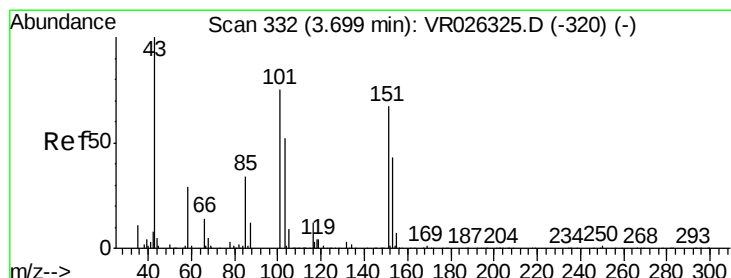
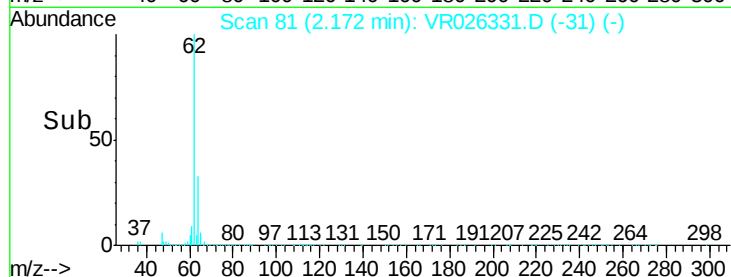
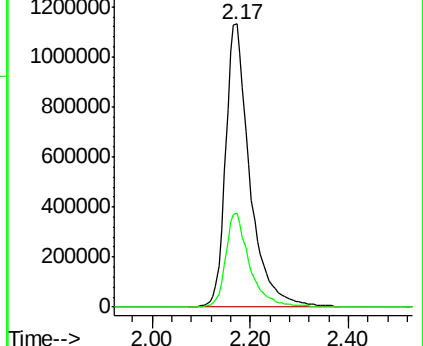
62 100

64 33.2 22.2 41.2



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0



#13

Acetone

Concen: 1.528 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026331.D

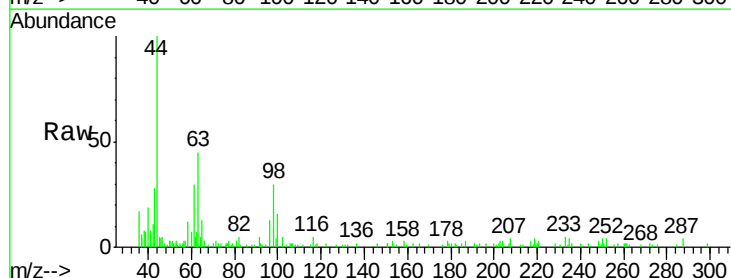
Acq: 15 Feb 2019 15:45

Tgt Ion: 43 Resp: 5583

Ion Ratio Lower Upper

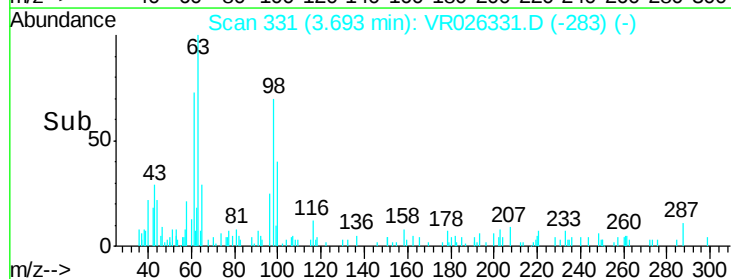
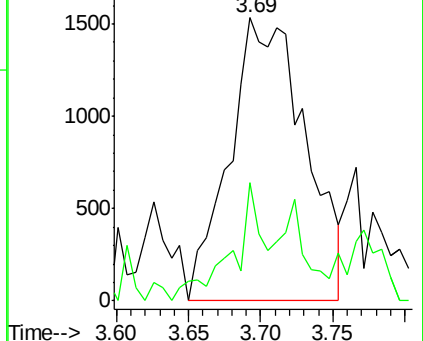
43 100

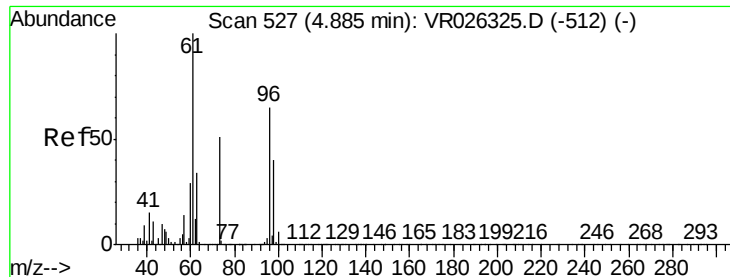
58 16.4 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#18

trans-1,2-Dichloroethene

Concen: 5.098 ug/L

RT: 4.89 min Scan# 527

Delta R.T. 0.00 min

Lab File: VR026331.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_R

ClientSampleId :

ESXF1

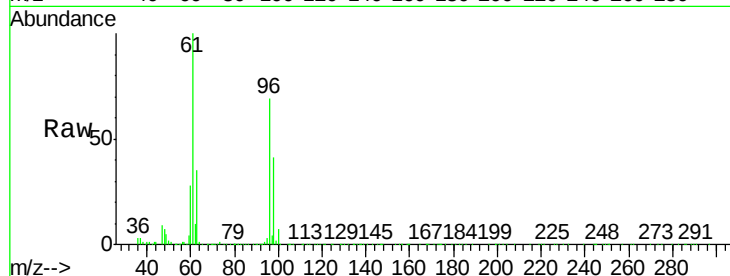
Tot Ion: 96 Resp: 263496

Ion Ratio Lower Upper

96 100

61 145.0 102.5 190.3

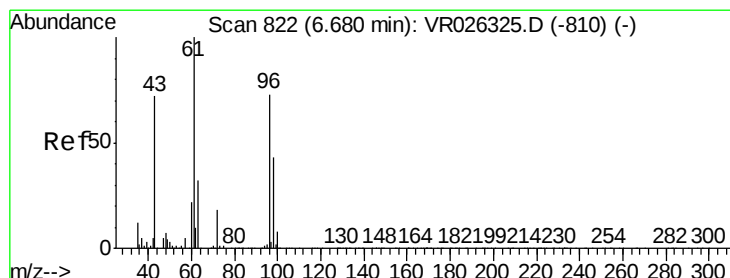
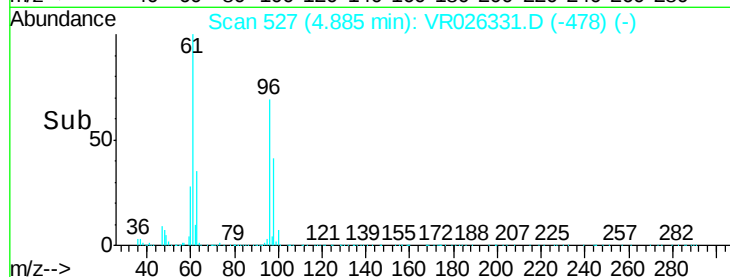
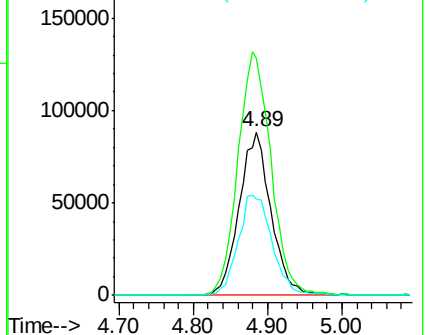
98 59.3 43.9 81.5



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



#22

cis-1,2-Dichloroethene

Concen: 298.180 ug/L

RT: 6.67 min Scan# 821

Delta R.T. -0.01 min

Lab File: VR026331.D

Acq: 15 Feb 2019 15:45

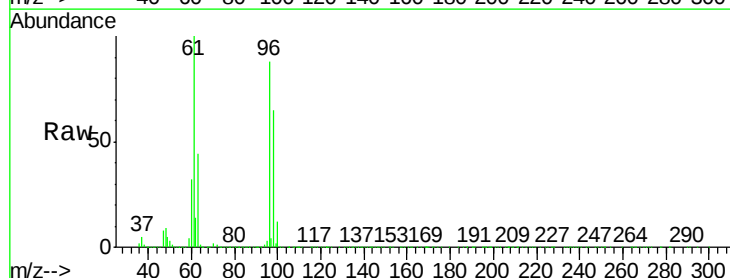
Tgt Ion: 96 Resp: 12430486

Ion Ratio Lower Upper

96 100

61 113.4 103.3 191.9

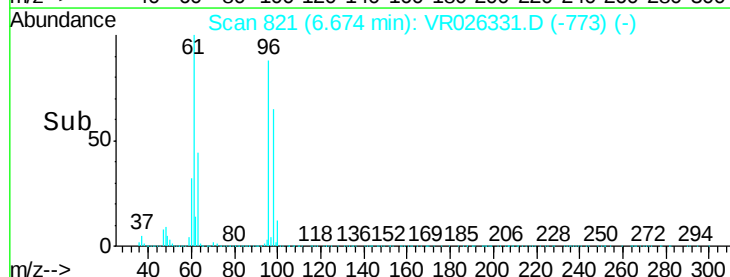
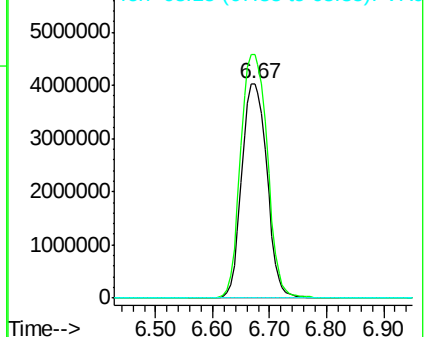
68 0.0 0.1 0.3#

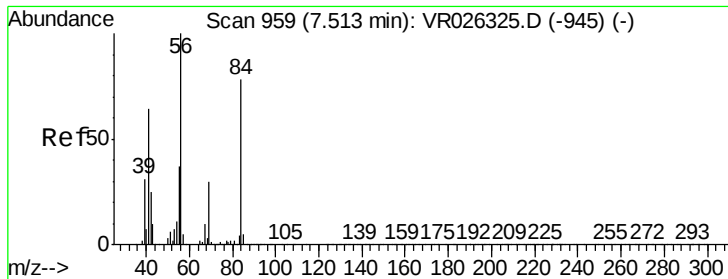


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

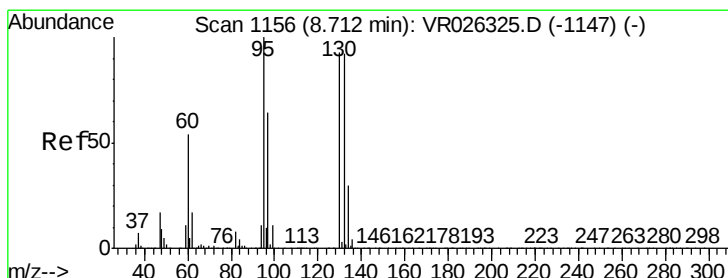
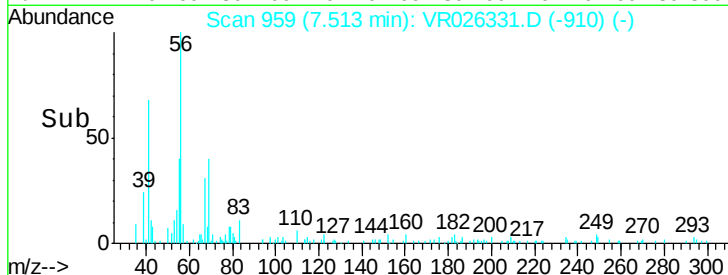
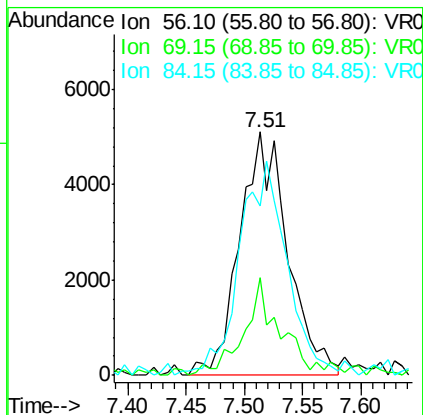
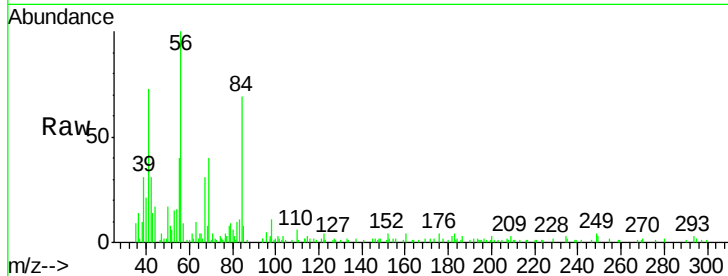




#30
Cyclohexane
Concen: 0.235 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

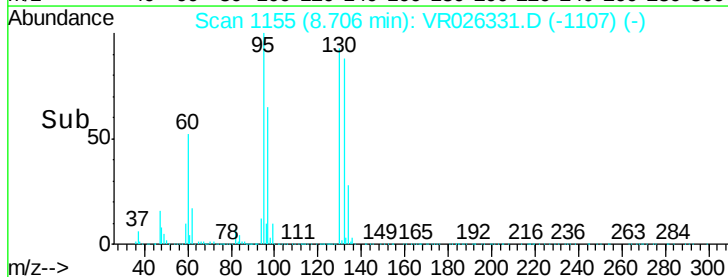
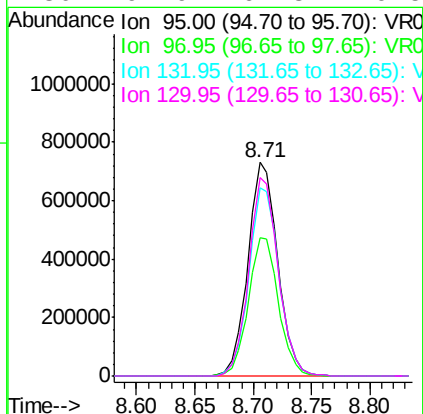
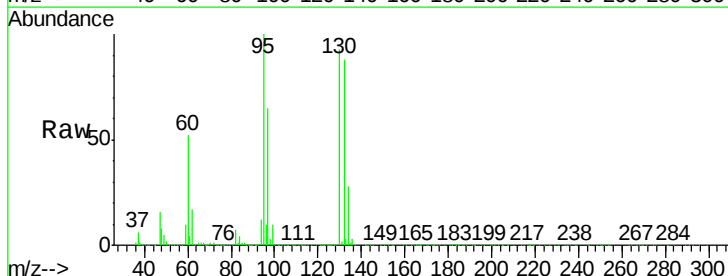
Instrument :
MSVOA_R
ClientSampleId :
ESXF1

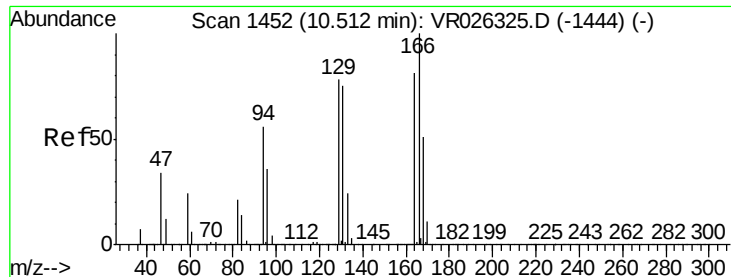
Tot Ion: 56 Resp: 14642
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 81.2 63.8 95.6



#34
Trichloroethene
Concen: 27.007 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 95 Resp: 1302739
Ion Ratio Lower Upper
95 100
97 64.9 46.6 86.6
132 88.0 61.9 114.9
130 92.9 64.3 119.5





#47

Tetrachloroethene

Concen: 72.273 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026331.D

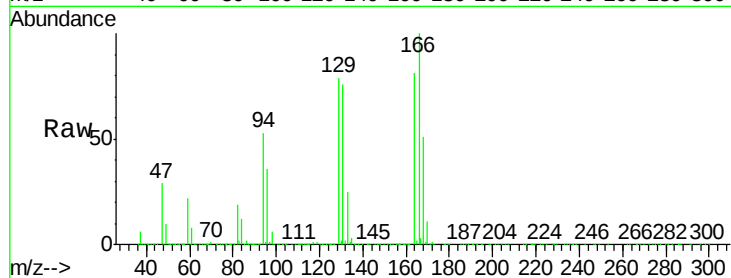
Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_R

ClientSampleId :

ESXF1



Tot Ion:164 Resp: 2675071

Ion Ratio Lower Upper

164 100

129 97.0 71.5 132.9

131 94.0 72.8 135.2

166 123.0 93.4 173.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

