

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021419\
 Data File : VR026321.D
 Acq On : 14 Feb 2019 20:11
 Operator : SY/MD
 Sample : K1488-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXE7

Quant Time: Feb 15 05:21:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 14:16:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	564157	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	489896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	194619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	227255	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.63	69	197366	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	3.62	63	422188	3.41	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	6.58	46	195003	59.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.90%
24) Chloroform-d	7.20	84	384806	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	7.89	65	154257	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	7.85	84	761337	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.89	67	195082	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	9.97	98	691130	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	10.23	79	48344	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	10.59	63	165431	63.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79995	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	158099	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

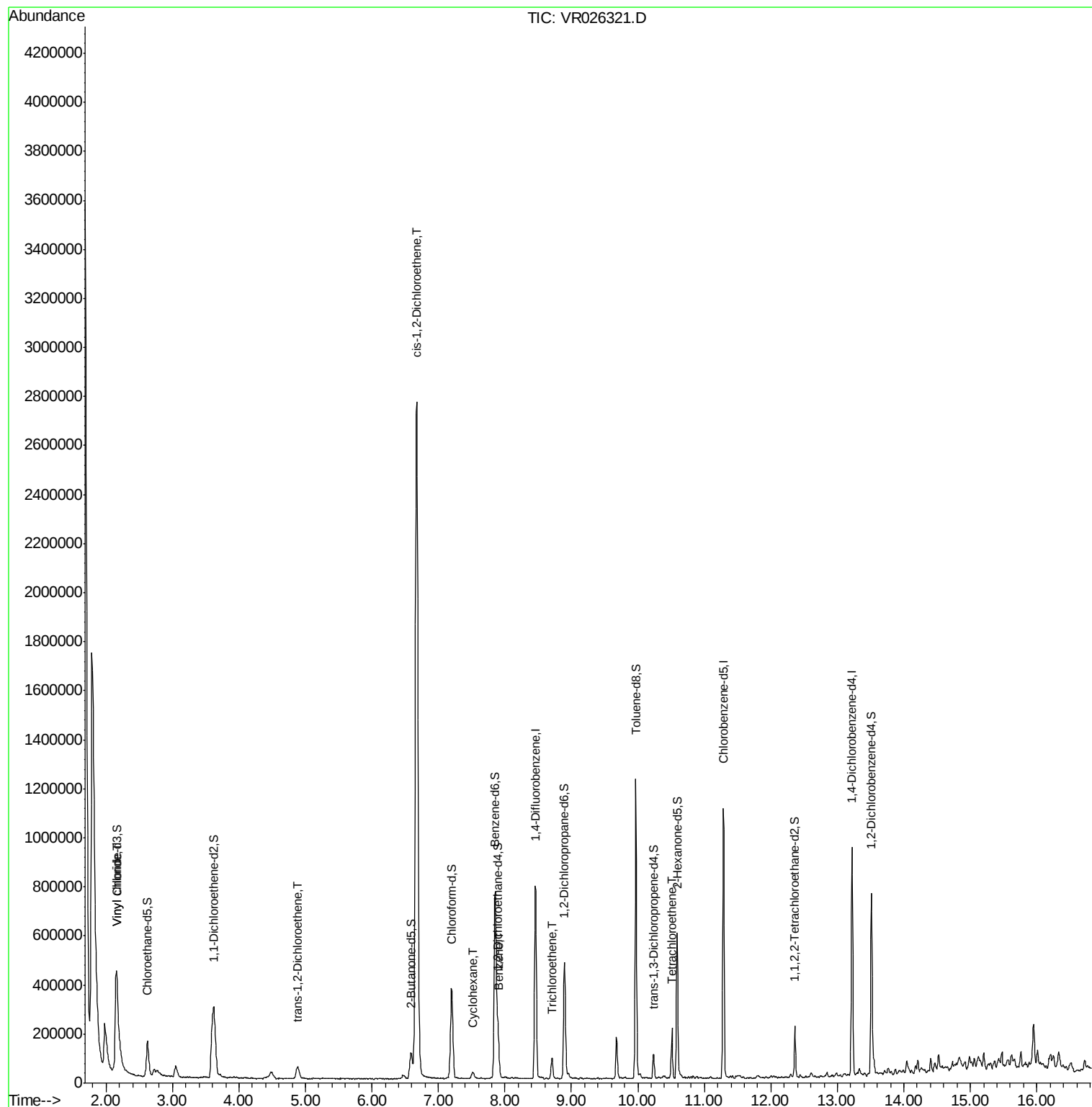
					Ovalue
5) Vinyl chloride	2.16	62	33465	0.560 ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	25755	0.526 ug/L	87
22) cis-1,2-Dichloroethene	6.67	96	1603203	40.630 ug/L #	89
30) Cyclohexane	7.52	56	10440	0.162 ug/L	95
33) Benzene	7.91	78	24127	0.124 ug/L	100
34) Trichloroethene	8.71	95	28148	0.563 ug/L	96
47) Tetrachloroethene	10.51	164	36992	0.965 ug/L	92

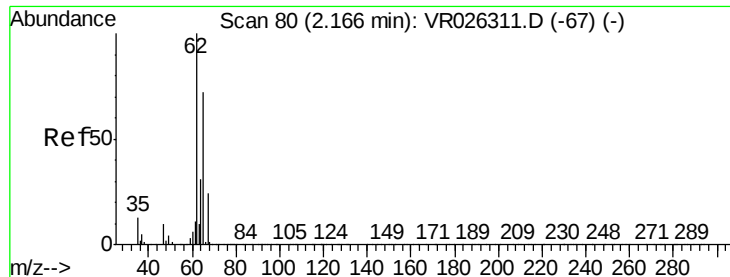
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 14:16:44 2019
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#5

Vinyl chloride

Concen: 0.560 ug/L

RT: 2.16 min Scan# 79

Delta R.T. -0.01 min

Lab File: VR026321.D

Acq: 14 Feb 2019 20:11

Instrument :

MSVOA_R

ClientSampled :

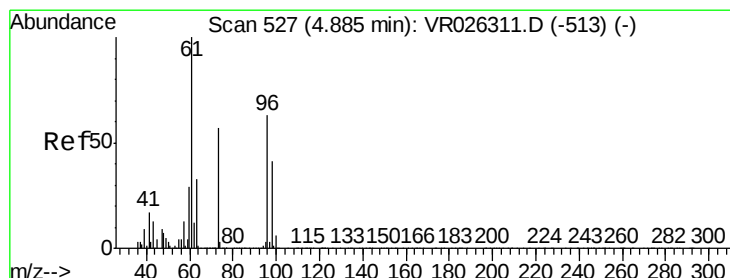
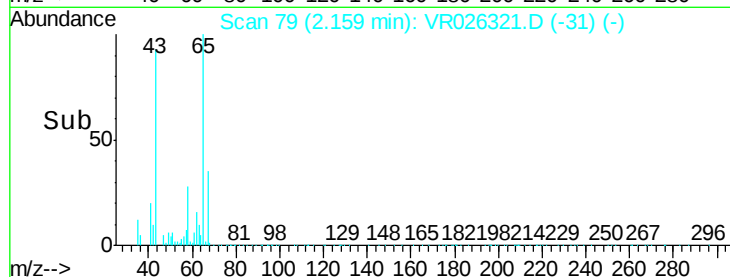
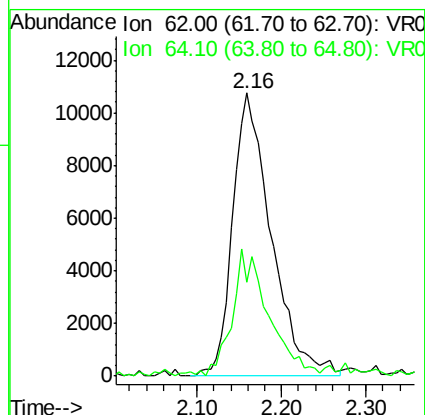
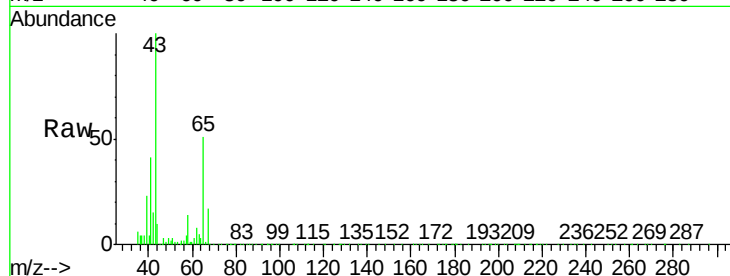
ESXE7

Tot Ion: 62 Resp: 33465

Ion Ratio Lower Upper

62 100

64 33.4 22.2 41.2



#18

trans-1,2-Dichloroethene

Concen: 0.526 ug/L

RT: 4.88 min Scan# 526

Delta R.T. -0.01 min

Lab File: VR026321.D

Acq: 14 Feb 2019 20:11

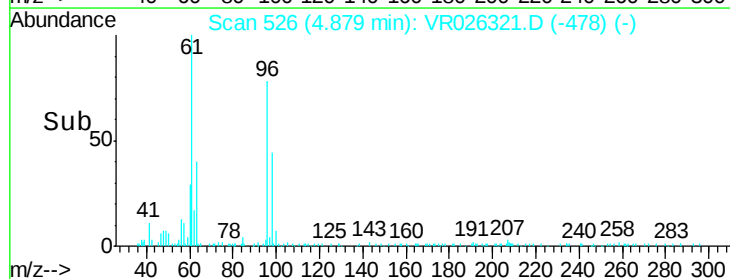
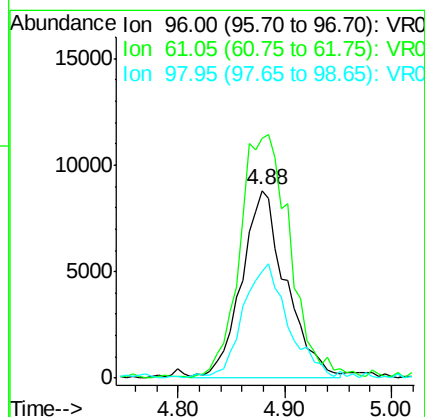
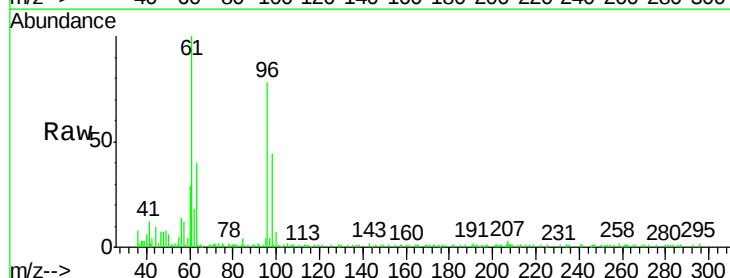
Tgt Ion: 96 Resp: 25755

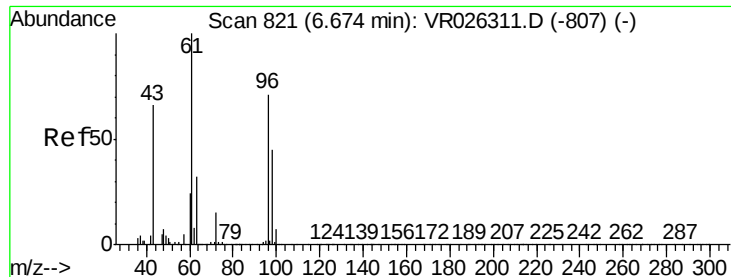
Ion Ratio Lower Upper

96 100

61 127.8 102.5 190.3

98 56.7 43.9 81.5



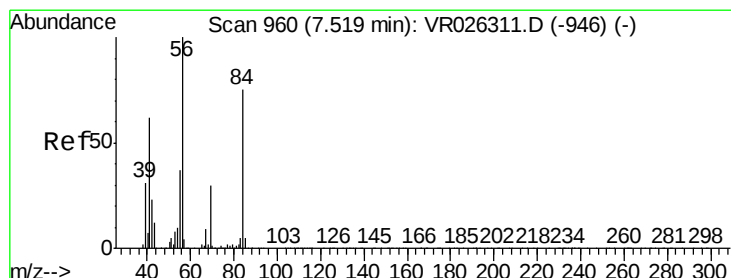
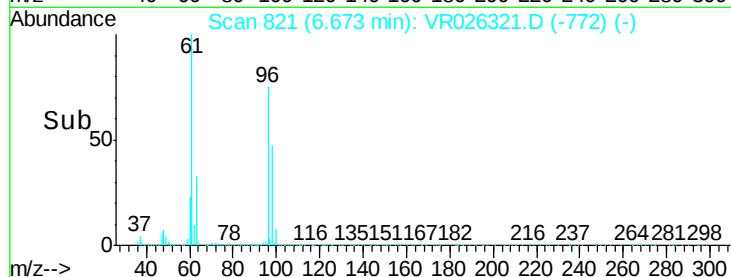
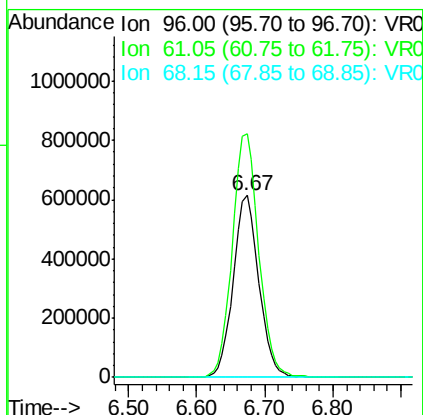
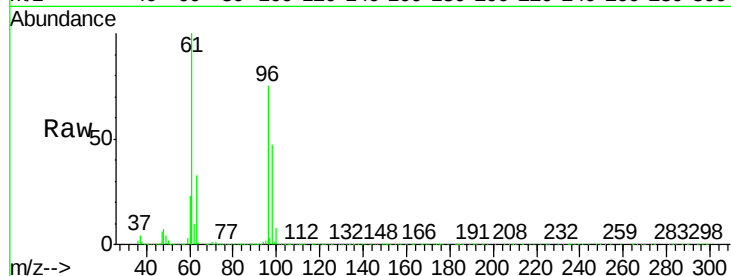


#22

cis-1,2-Dichloroethene
Concen: 40.630 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.00 min
Lab File: VR026321.D
Acq: 14 Feb 2019 20:11

Instrument :
MSVOA_R
ClientSampleId :
ESXE7

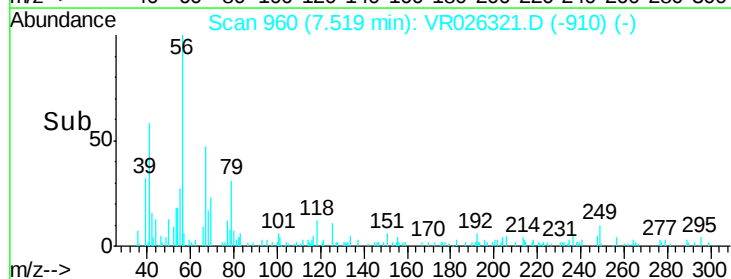
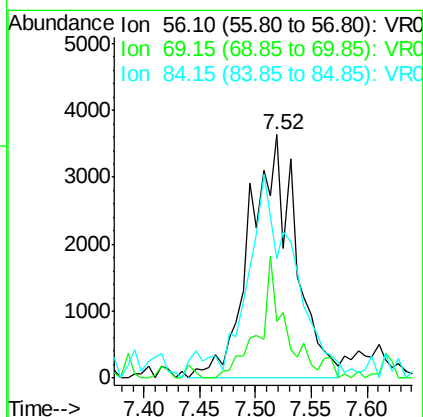
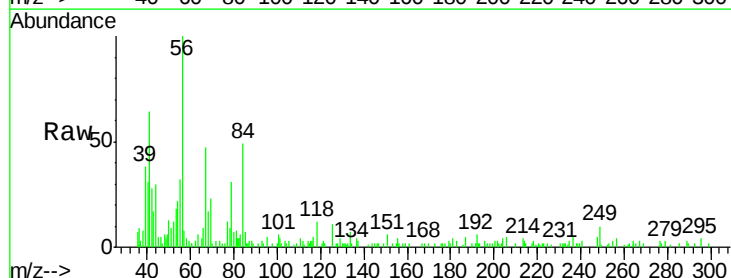
Tot Ion: 96 Resp: 1603203
Ion Ratio Lower Upper
96 100
61 133.7 103.3 191.9
68 0.0 0.1 0.3#

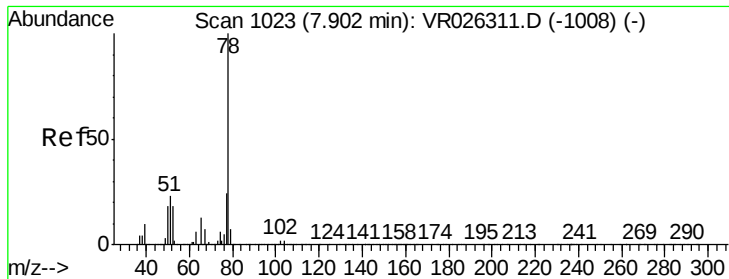


#30

Cyclohexane
Concen: 0.162 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.01 min
Lab File: VR026321.D
Acq: 14 Feb 2019 20:11

Tgt Ion: 56 Resp: 10440
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.2
84 75.0 63.8 95.6





#33

Benzene

Concen: 0.124 ug/L

RT: 7.91 min Scan# 1024

Delta R.T. 0.01 min

Lab File: VR026321.D

Acq: 14 Feb 2019 20:11

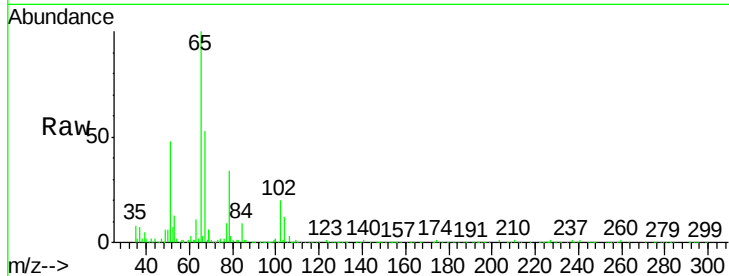
Instrument :

MSVOA_R

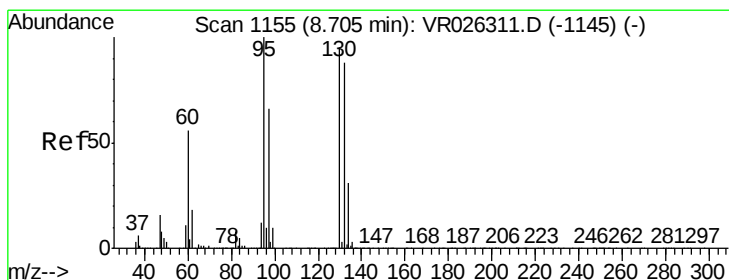
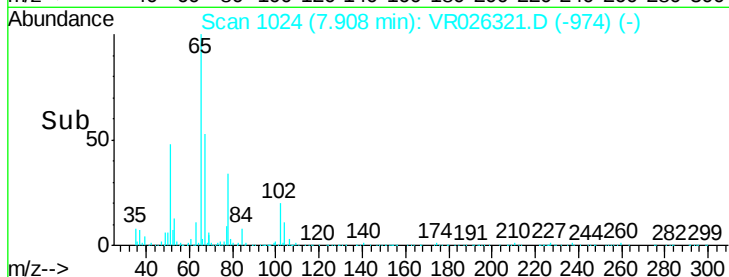
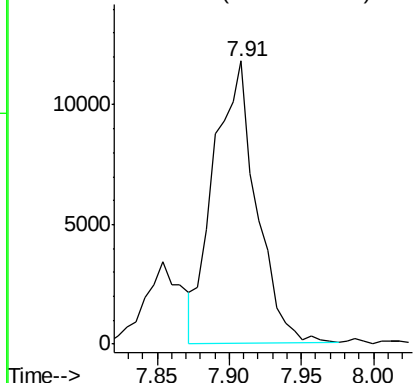
ClientSampleId :

ESXE7

Tgt Ion: 78 Resp: 24127



Abundance Ion 78.10 (77.80 to 78.80): VR0



#34

Trichloroethene

Concen: 0.563 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026321.D

Acq: 14 Feb 2019 20:11

Tgt Ion: 95 Resp: 28148

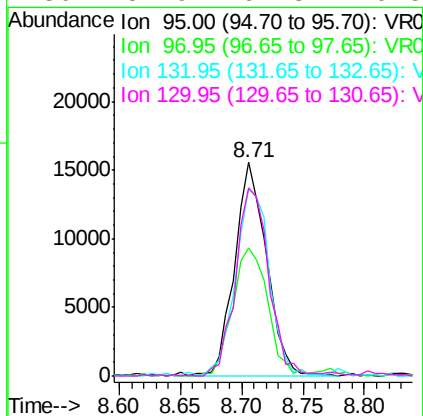
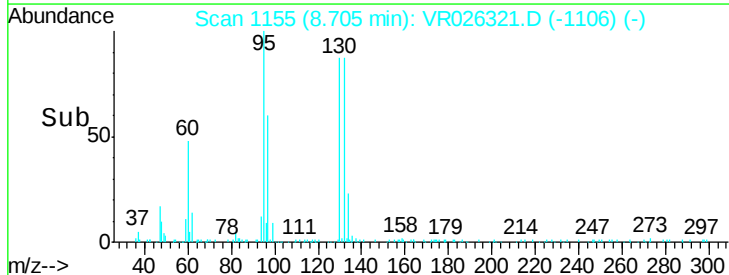
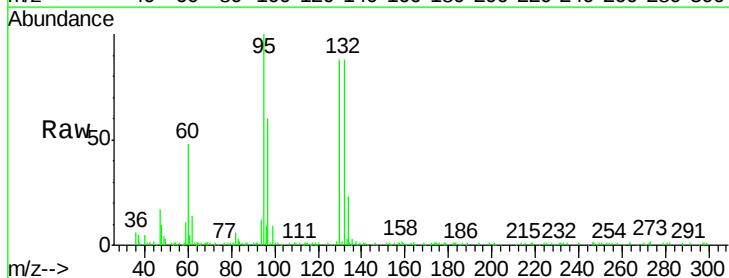
Ion	Ratio	Lower	Upper
95	100		
97	60.1	46.6	86.6
132	87.5	61.9	114.9
130	87.9	64.3	119.5

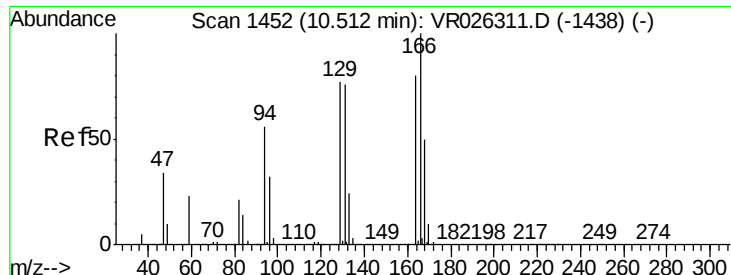
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): VR0

Ion 129.95 (129.65 to 130.65): VR0





#47

Tetrachloroethene

Concen: 0.965 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026321.D

Acq: 14 Feb 2019 20:11

Instrument :

MSVOA_R

ClientSampleId :

ESXE7

Tot Ion:164 Resp: 36992

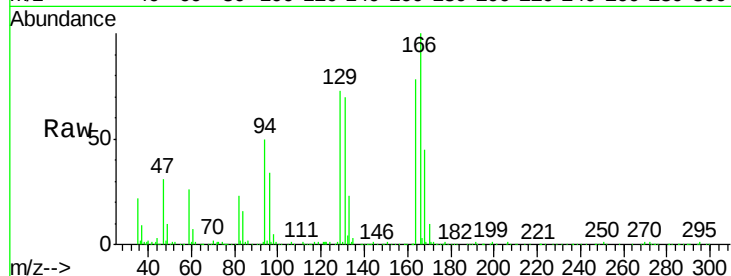
Ion Ratio Lower Upper

164 100

129 94.1 71.5 132.9

131 89.6 72.8 135.2

166 128.7 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

