

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025657.D
 Acq On : 29 Aug 2018 14:43
 Operator : SY/MD
 Sample : J4643-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K14

Quant Time: Aug 30 06:44:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	425196	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	353951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	107687	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	147080	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	2.62	69	125619	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	3.63	63	266598	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	6.60	46	133499	63.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.60%
24) Chloroform-d	7.20	84	241967	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	7.89	65	86848	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	7.86	84	602822	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	8.90	67	160098	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	9.97	98	541733	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	10.24	79	32733	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	10.59	63	141857	62.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65110	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	113569	6.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.00%#

Target Compounds

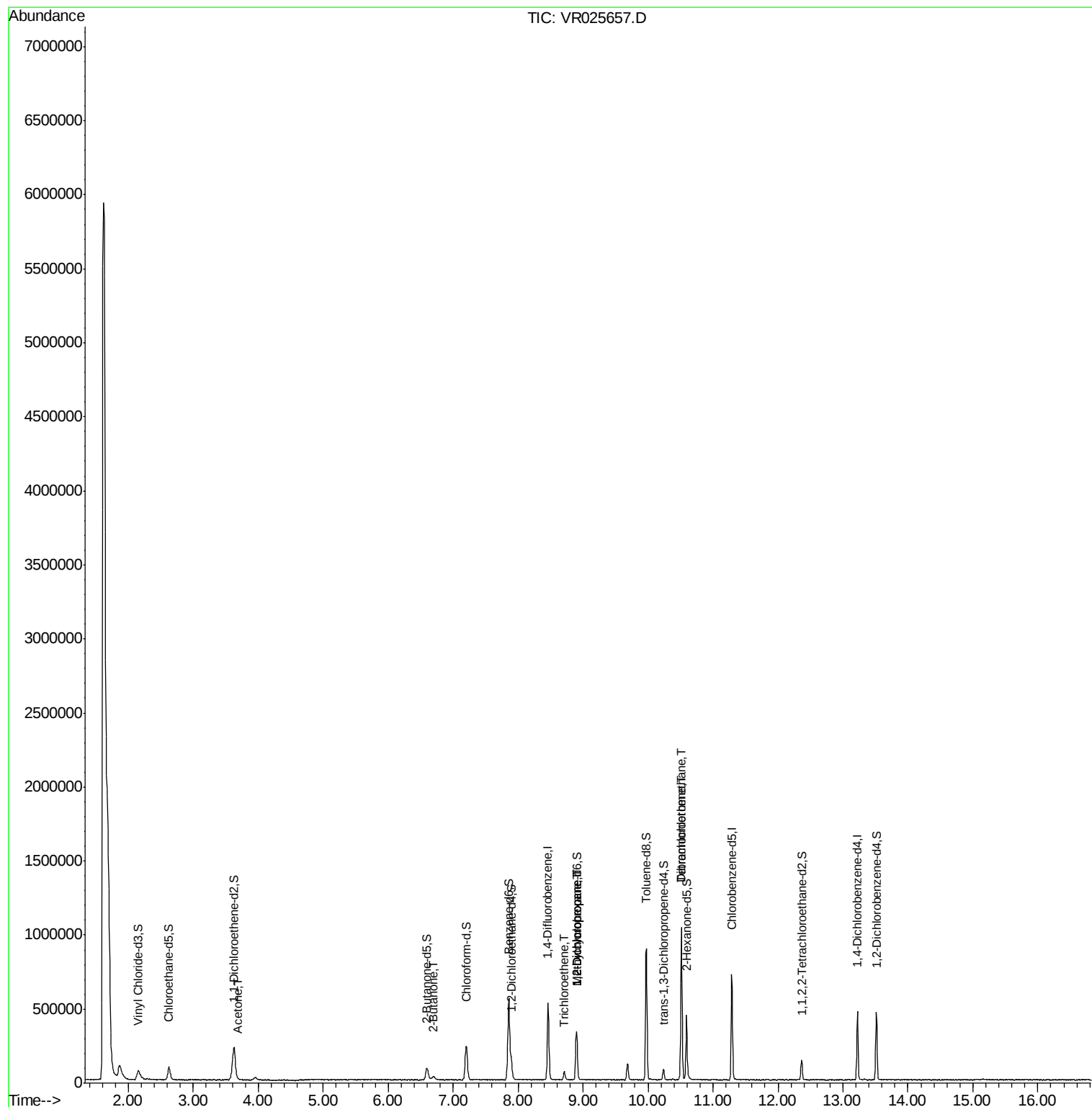
					Qvalue
13) Acetone	3.69	43	1229	0.935 ug/L	87
21) 2-Butanone	6.70	43	2215	0.855 ug/L	74
34) Trichloroethene	8.71	95	18666	0.630 ug/L	91
35) Methylcyclohexane	8.90	83	36016	0.748 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	15237	0.537 ug/L #	97
47) Tetrachloroethene	10.52	164	223030	9.851 ug/L	95
49) Dibromochloromethane	10.52	129	182511	13.528 ug/L #	13

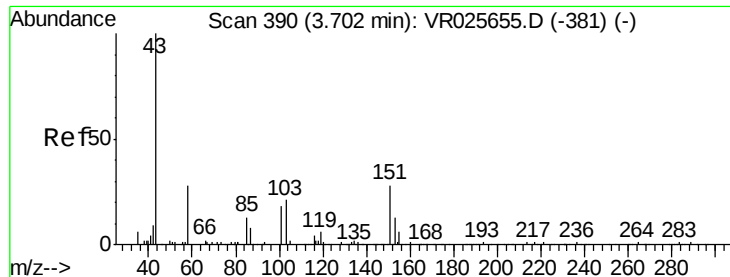
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.935 ug/L

RT: 3.69 min Scan# 388

Delta R.T. -0.01 min

Lab File: VR025657.D

Acq: 29 Aug 2018 14:43

Instrument :

MSVOA_R

ClientSampled :

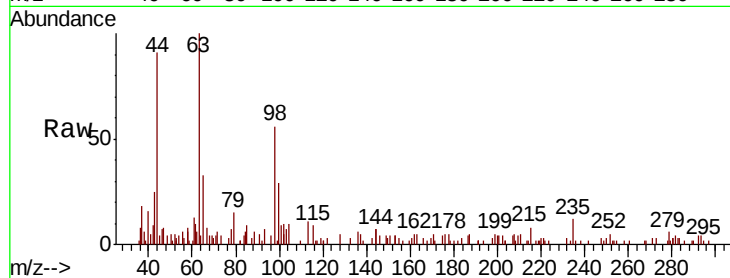
H0K14

Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

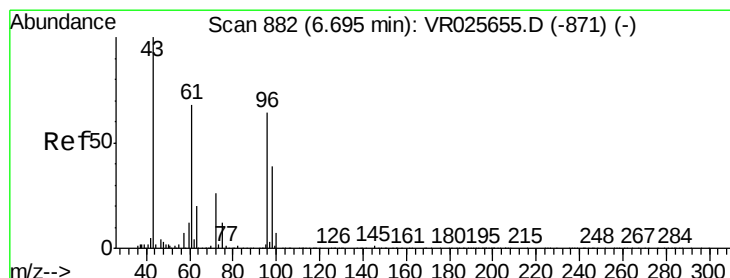
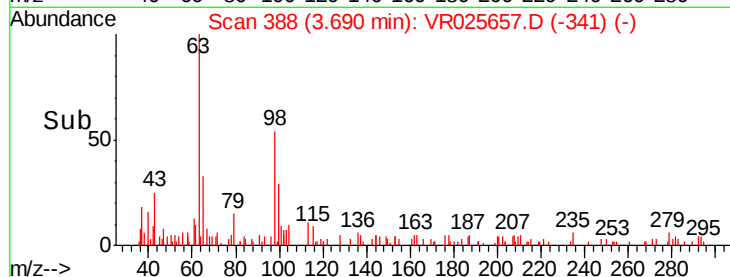
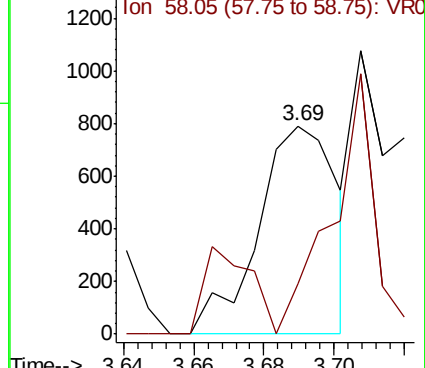
43 100

58 24.6 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.855 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025657.D

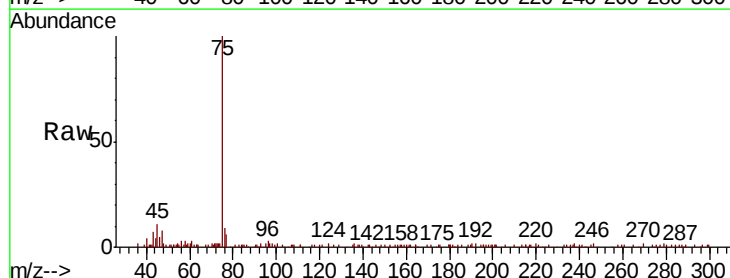
Acq: 29 Aug 2018 14:43

Tgt Ion: 43 Resp: 2215

Ion Ratio Lower Upper

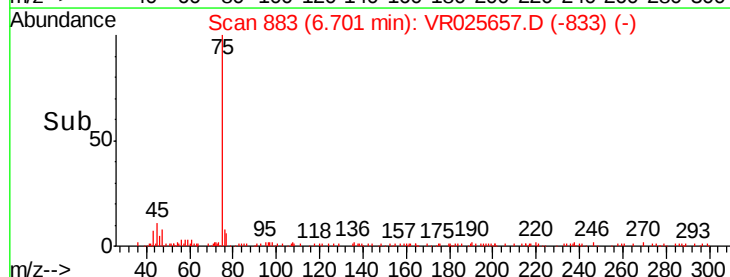
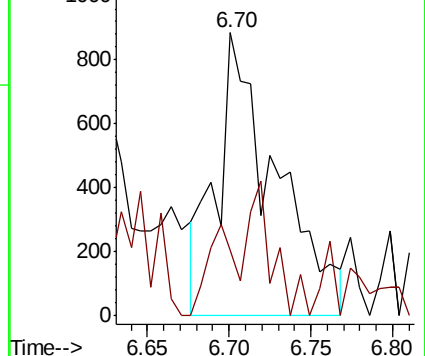
43 100

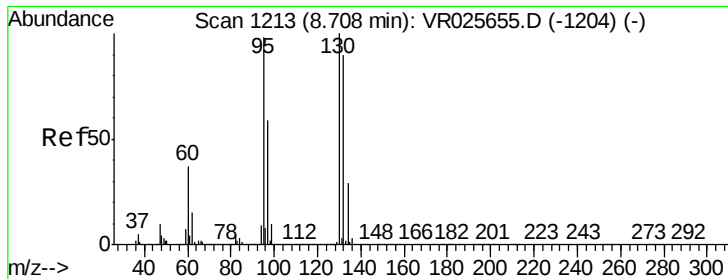
72 14.9 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.630 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025657.D

Acq: 29 Aug 2018 14:43

Instrument :

MSVOA_R

ClientSampleId :

H0K14

Tgt Ion: 95 Resp: 18666

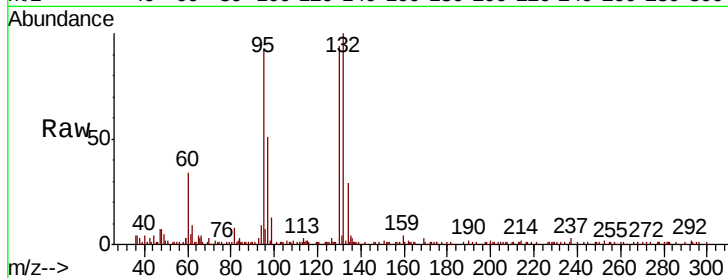
Ion Ratio Lower Upper

95 100

97 54.7 45.7 84.9

132 107.9 66.6 123.6

130 101.5 72.2 134.0

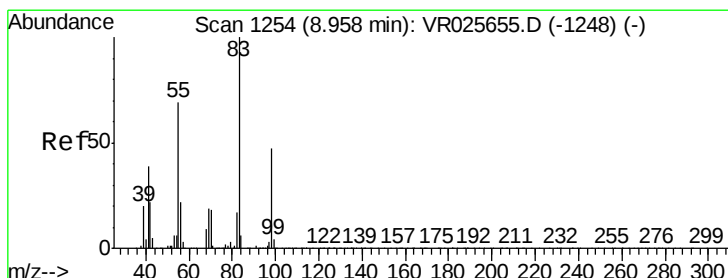
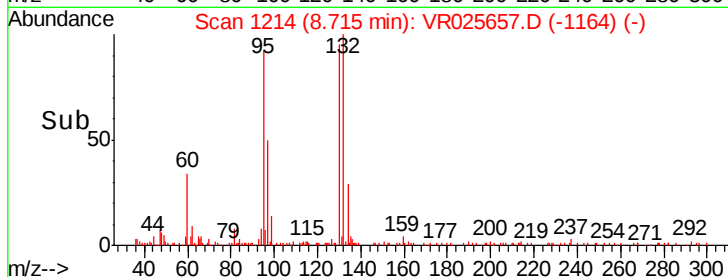
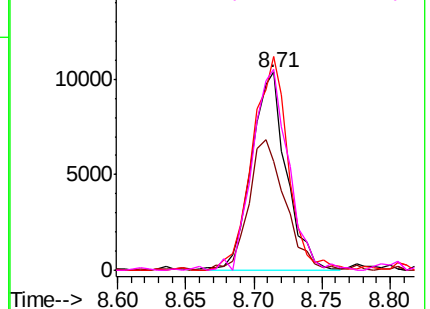


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025657.D

Acq: 29 Aug 2018 14:43

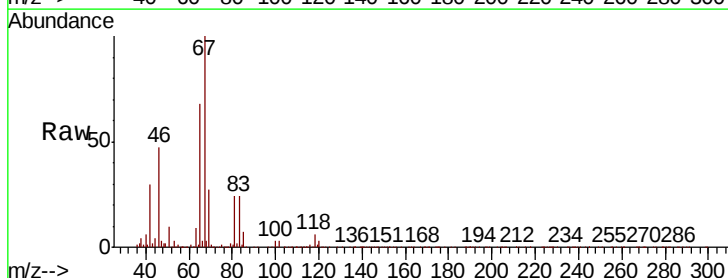
Tgt Ion: 83 Resp: 36016

Ion Ratio Lower Upper

83 100

55 1.3 56.7 85.1#

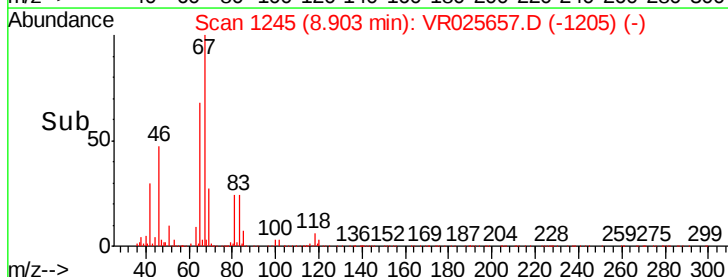
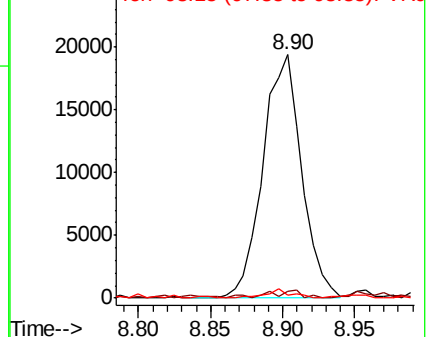
98 2.6 35.8 53.8#

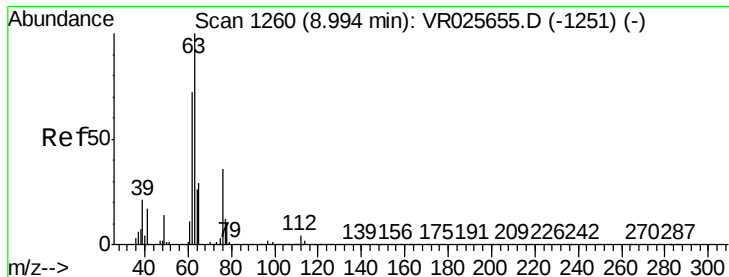


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025657.D

Acq: 29 Aug 2018 14:43

Instrument :

MSVOA_R

ClientSampleId :

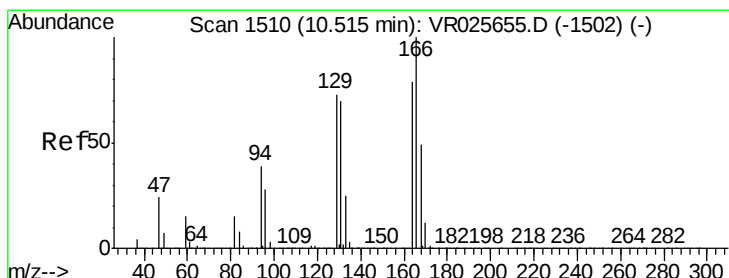
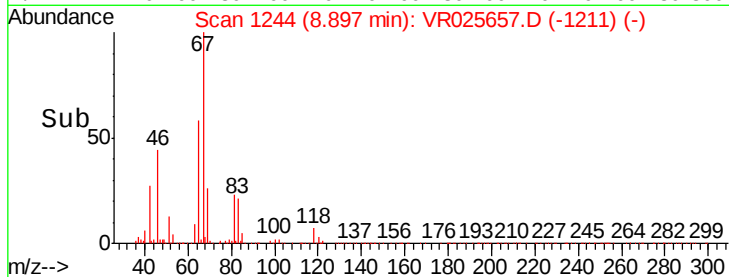
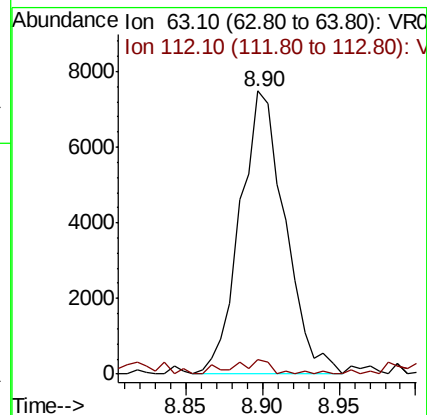
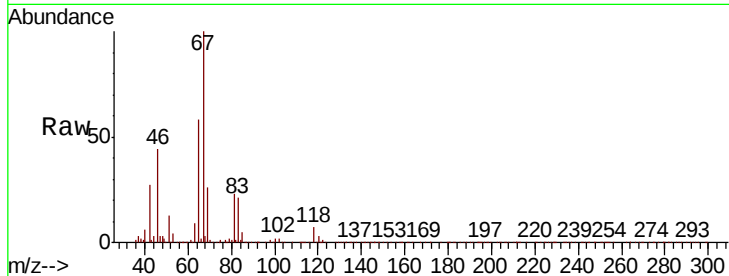
H0K14

Tgt Ion: 63 Resp: 15237

Ion Ratio Lower Upper

63 100

112 4.1 2.5 3.7#



#47

Tetrachloroethene

Concen: 9.851 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VR025657.D

Acq: 29 Aug 2018 14:43

Tgt Ion: 164 Resp: 223030

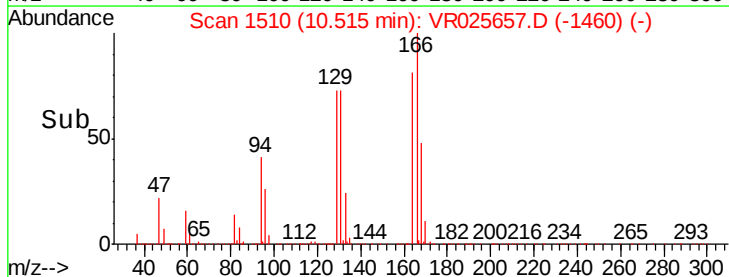
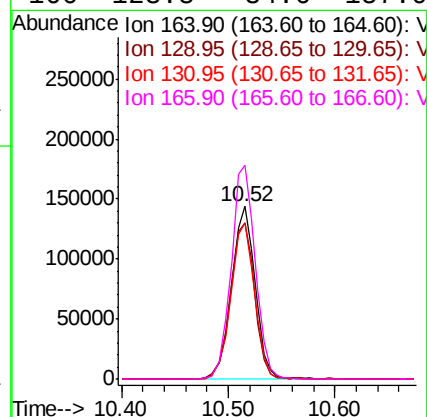
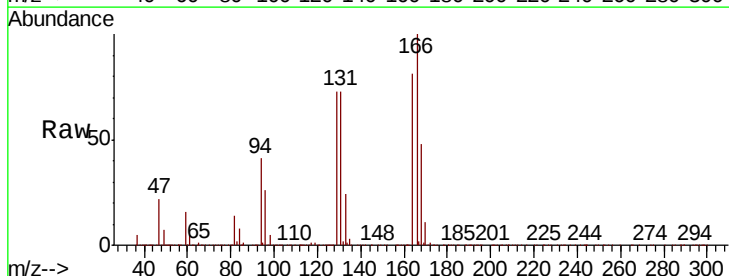
Ion Ratio Lower Upper

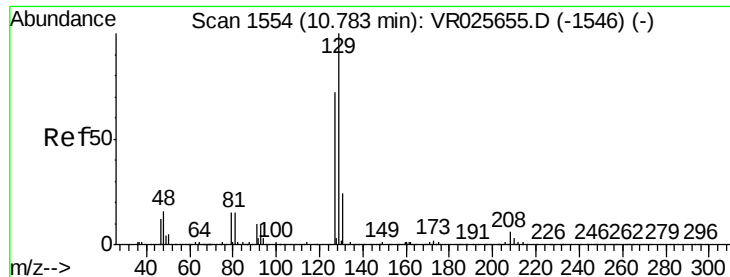
164 100

129 90.4 68.7 127.5

131 90.5 66.4 123.4

166 123.8 84.6 157.0





#49

Dibromochloromethane

Concen: 13.528 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.27 min

Lab File: VR025657.D

Acq: 29 Aug 2018 14:43

Instrument :

MSVOA_R

ClientSampleId :

H0K14

Tgt Ion:129 Resp: 182511

Ion Ratio Lower Upper

129 100

127 0.6 51.6 95.8#

