

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026063.D
 Acq On : 12 Oct 2018 16:02
 Operator : SY/MD
 Sample : J5315-17 100X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:56:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	418591	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	347483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	113857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	170124	5.15	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	2.63	69	167968	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	3.61	63	312763	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	6.58	46	235612	64.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.06%
24) Chloroform-d	7.20	84	300513	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	7.89	65	143099	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	7.85	84	566139	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	8.89	67	166340	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	9.97	98	487897	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	10.24	79	36334	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	10.59	63	181755	67.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.74%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72474	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	106316	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

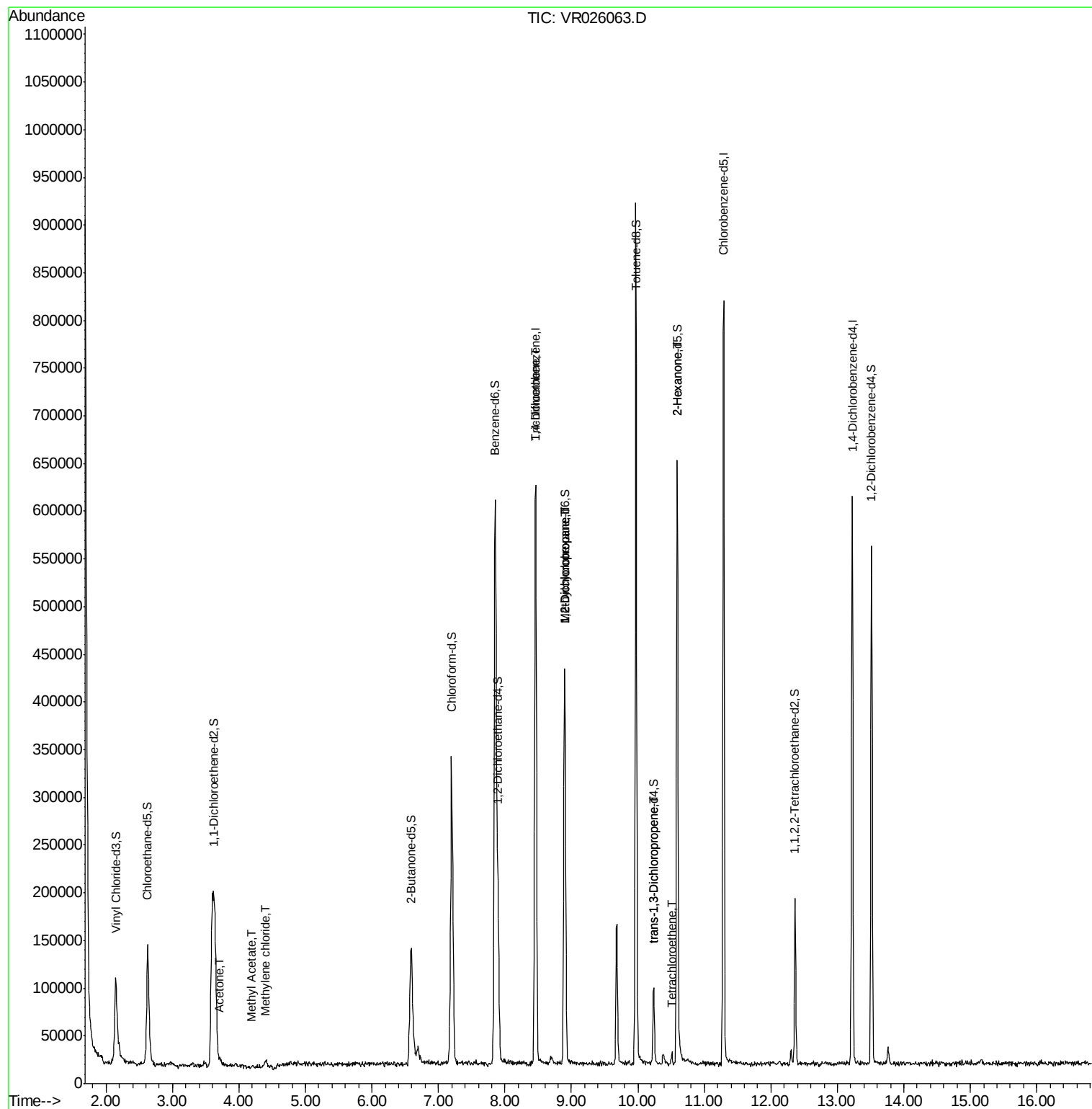
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	3774	1.415	ug/L	69
15) Methyl Acetate	4.19	43	693	0.094	ug/L #	84
16) Methylene chloride	4.40	84	5565	0.192	ug/L	78
34) Trichloroethene	8.46	95	14283	0.465	ug/L #	15
35) Methylcyclohexane	8.90	83	38412	0.832	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	21731	0.869	ug/L #	94
44) trans-1,3-Dichloropropene	10.24	75	2529	0.138	ug/L	98
47) Tetrachloroethene	10.51	164	2286	0.121	ug/L #	58
48) 2-Hexanone	10.59	43	26887	4.671	ug/L #	73

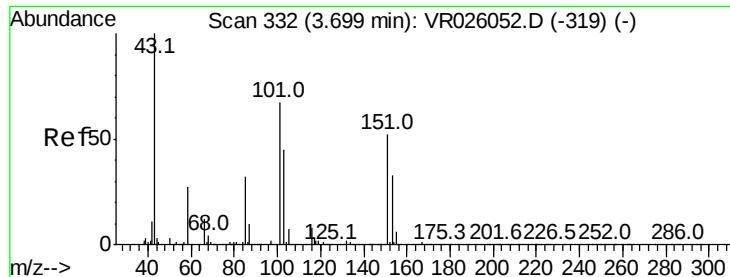
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.415 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026063.D

Acq: 12 Oct 2018 16:02

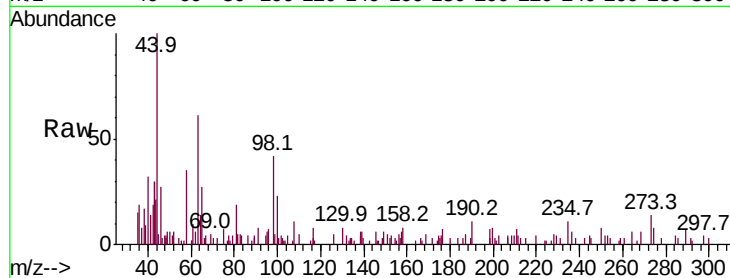
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 3774

Ion Ratio Lower Upper

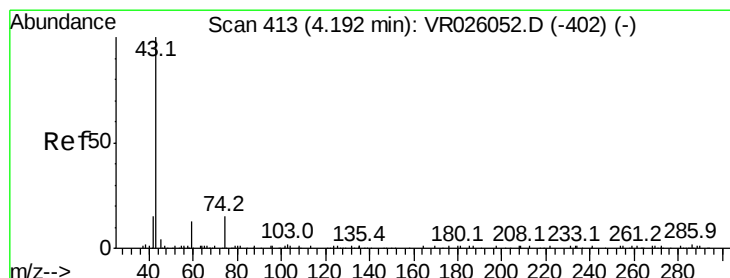
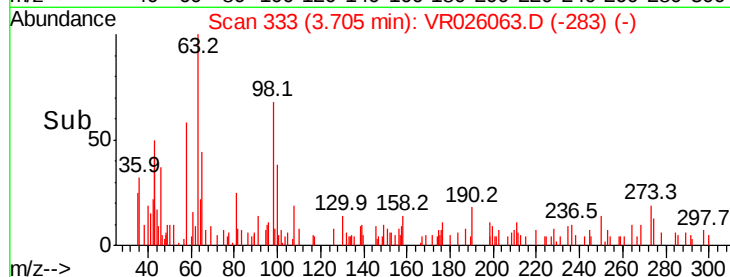
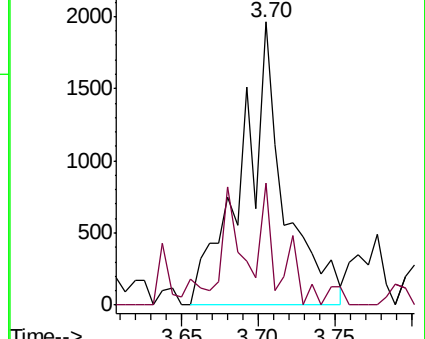
43 100

58 10.0 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.094 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.01 min

Lab File: VR026063.D

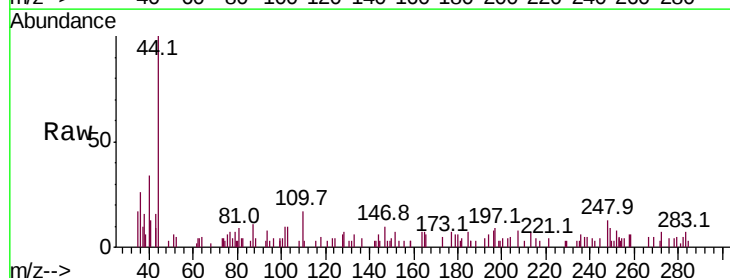
Acq: 12 Oct 2018 16:02

Tgt Ion: 43 Resp: 693

Ion Ratio Lower Upper

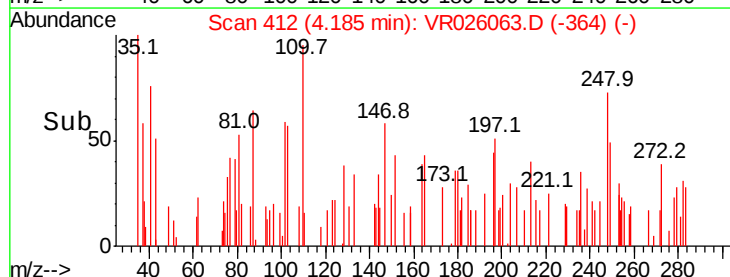
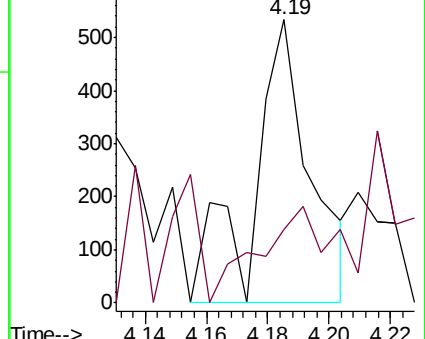
43 100

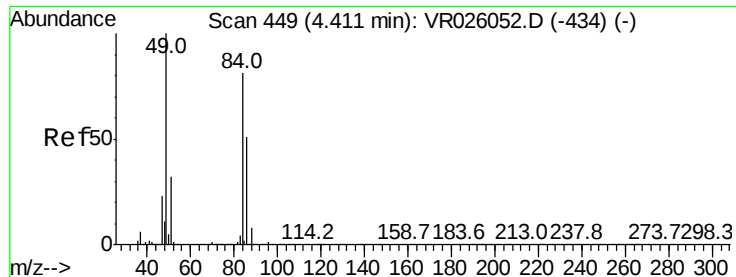
74 31.5 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

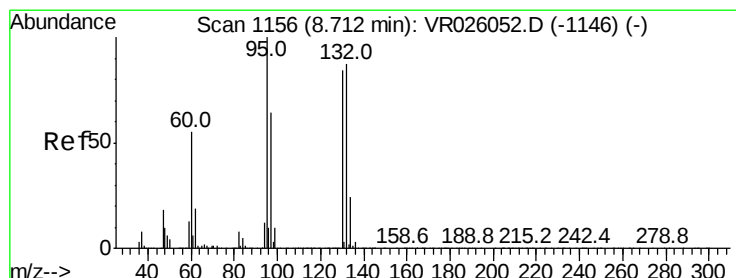
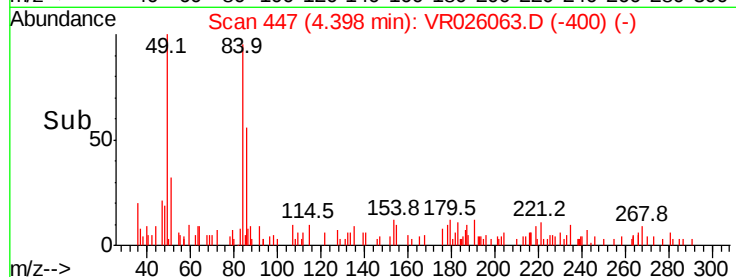
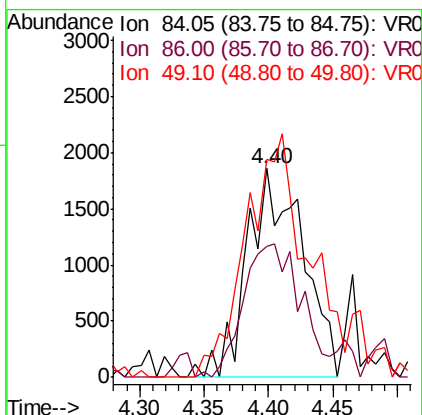
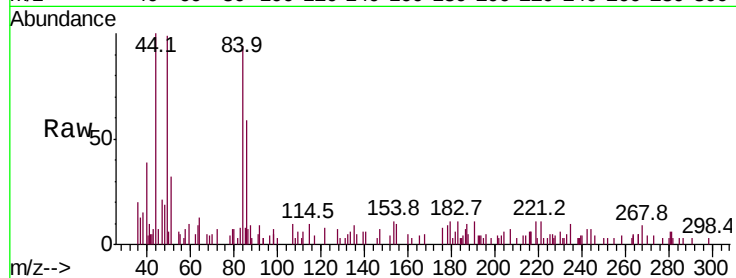




#16
Methvlene chloride
Concen: 0.192 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026063.D
Acq: 12 Oct 2018 16:02

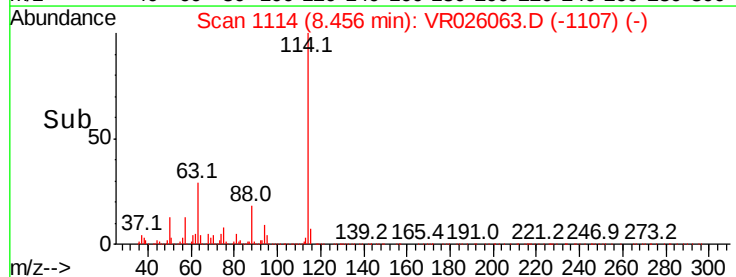
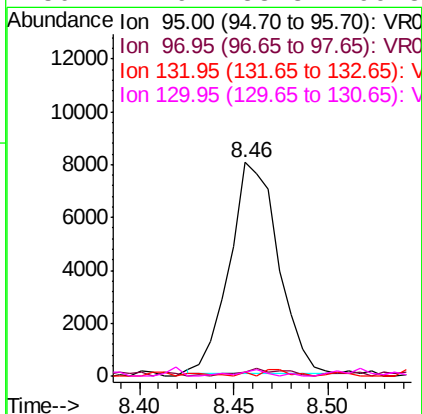
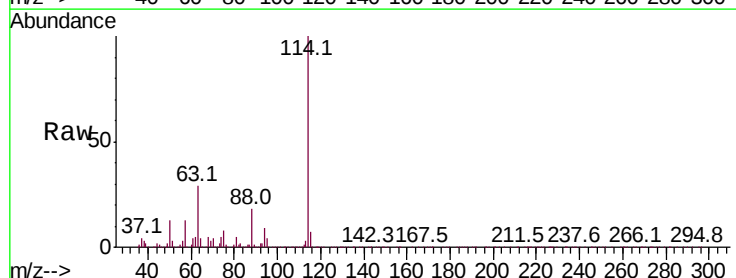
Instrument :
MSVOA_R
ClientSampled :

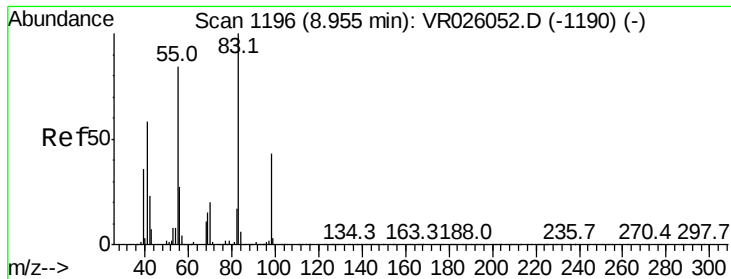
Tot Ion: 84 Resp: 5565
Ion Ratio Lower Upper
84 100
86 70.5 43.1 80.1
49 104.7 95.5 177.3



#34
Trichloroethene
Concen: 0.465 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR026063.D
Acq: 12 Oct 2018 16:02

Tgt Ion: 95 Resp: 14283
Ion Ratio Lower Upper
95 100
97 1.6 43.9 81.5#
132 1.5 53.3 98.9#
130 1.6 53.8 99.8#

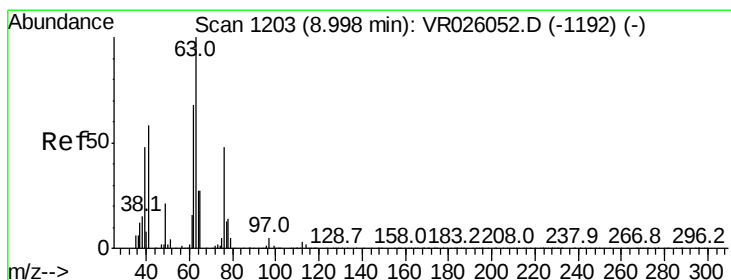
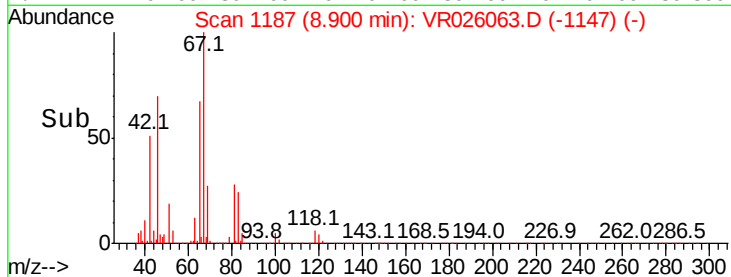
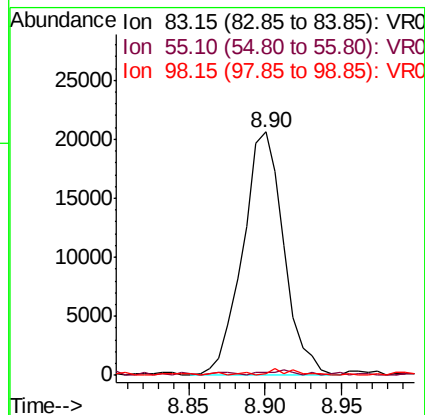
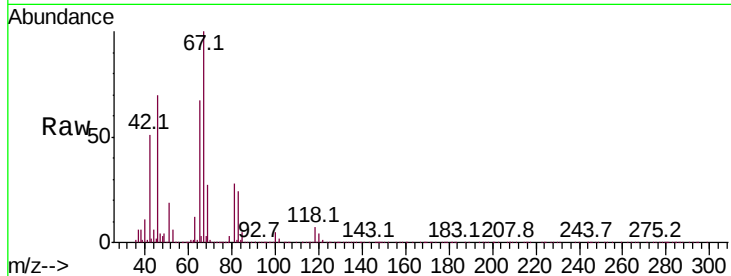




#35
Methvlcvclohexane
Concen: 0.832 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026063.D
Acq: 12 Oct 2018 16:02

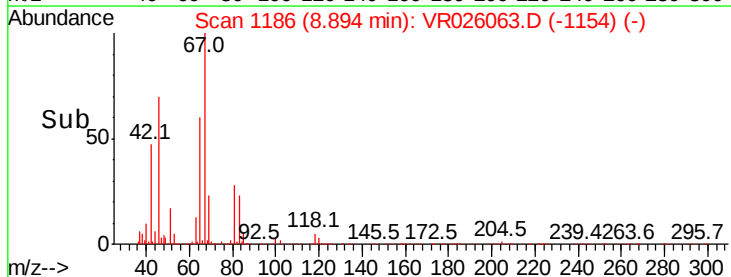
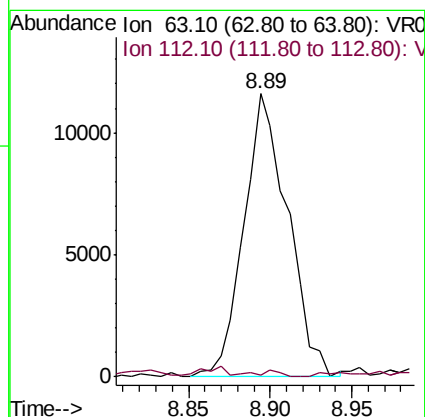
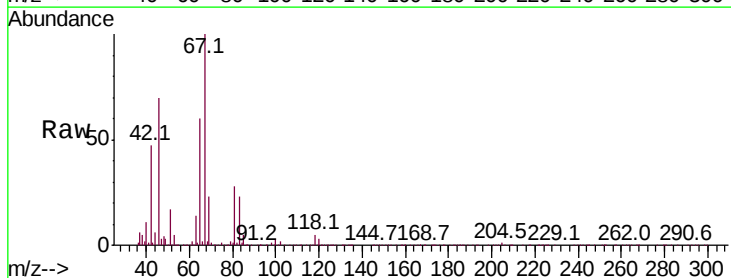
Instrument :
MSVOA_R
ClientSampleId :

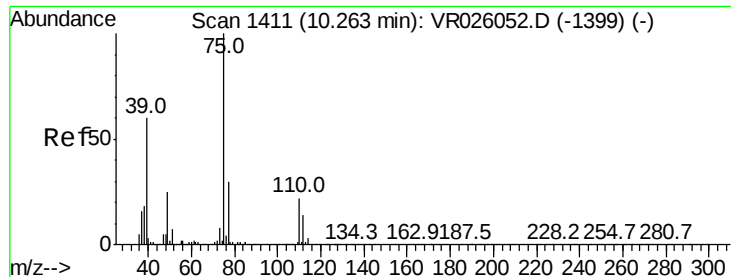
Tot Ion: 83 Resp: 38412
Ion Ratio Lower Upper
83 100
55 1.2 71.8 107.6#
98 0.8 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.869 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026063.D
Acq: 12 Oct 2018 16:02

Tgt Ion: 63 Resp: 21731
Ion Ratio Lower Upper
63 100
112 1.2 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 10.24 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VR026063.D

Acq: 12 Oct 2018 16:02

Instrument :

MSVOA_R

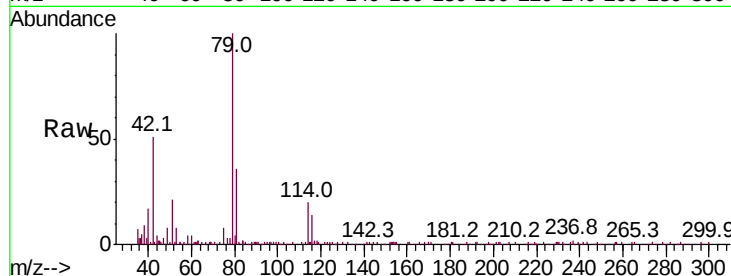
ClientSampleId :

Tot Ion: 75 Resp: 2529

Ion Ratio Lower Upper

75 100

77 34.1 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

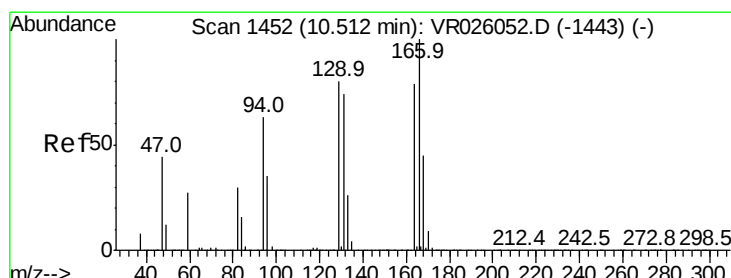
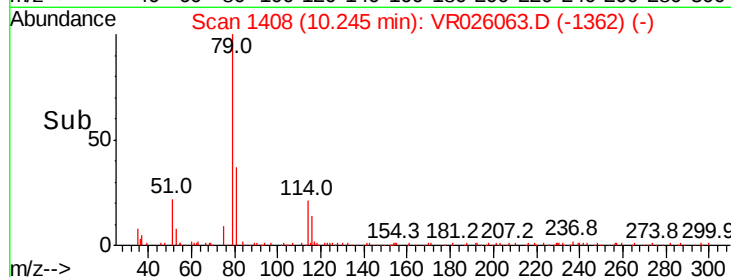
1500

1000

500

0

Time-->



#47

Tetrachloroethene

Concen: 0.121 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026063.D

Acq: 12 Oct 2018 16:02

Tgt Ion: 164 Resp: 2286

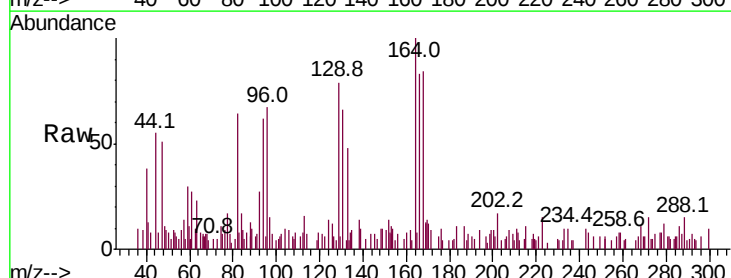
Ion Ratio Lower Upper

164 100

129 78.4 80.8 150.2#

131 60.7 74.5 138.3#

166 77.0 92.5 171.7#



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

2000

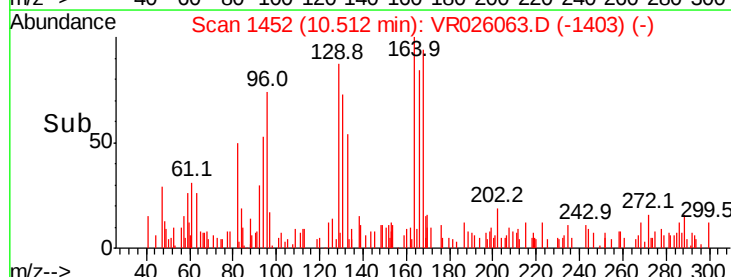
1500

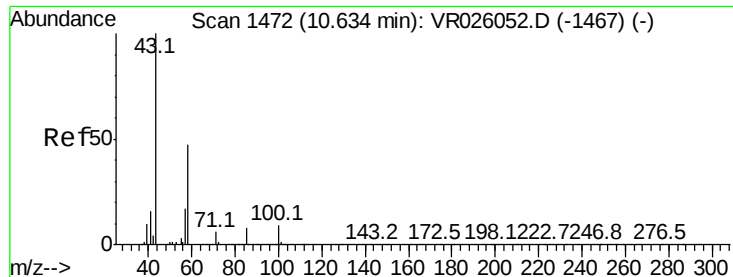
1000

500

0

Time-->





#48

2-Hexanone

Concen: 4.671 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026063.D

Acq: 12 Oct 2018 16:02

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 26887

Ion Ratio Lower Upper

43 100

58 27.9 39.5 59.3#

57 26.9 14.6 21.8#

100 1.5 6.7 10.1#

