

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026043.D
 Acq On : 11 Oct 2018 14:10
 Operator : SY/MD
 Sample : J5315-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 12 08:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	432669	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	376014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	126512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	133075	3.90	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	2.62	69	137075	4.92	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	3.63	63	247375	3.09	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	6.59	46	228211	60.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.00%
24) Chloroform-d	7.20	84	270611	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	7.90	65	129503	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	7.85	84	494090	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	8.90	67	151111	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	9.97	98	428319	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	10.24	79	32669	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	10.59	63	178903	61.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72144	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	102026	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

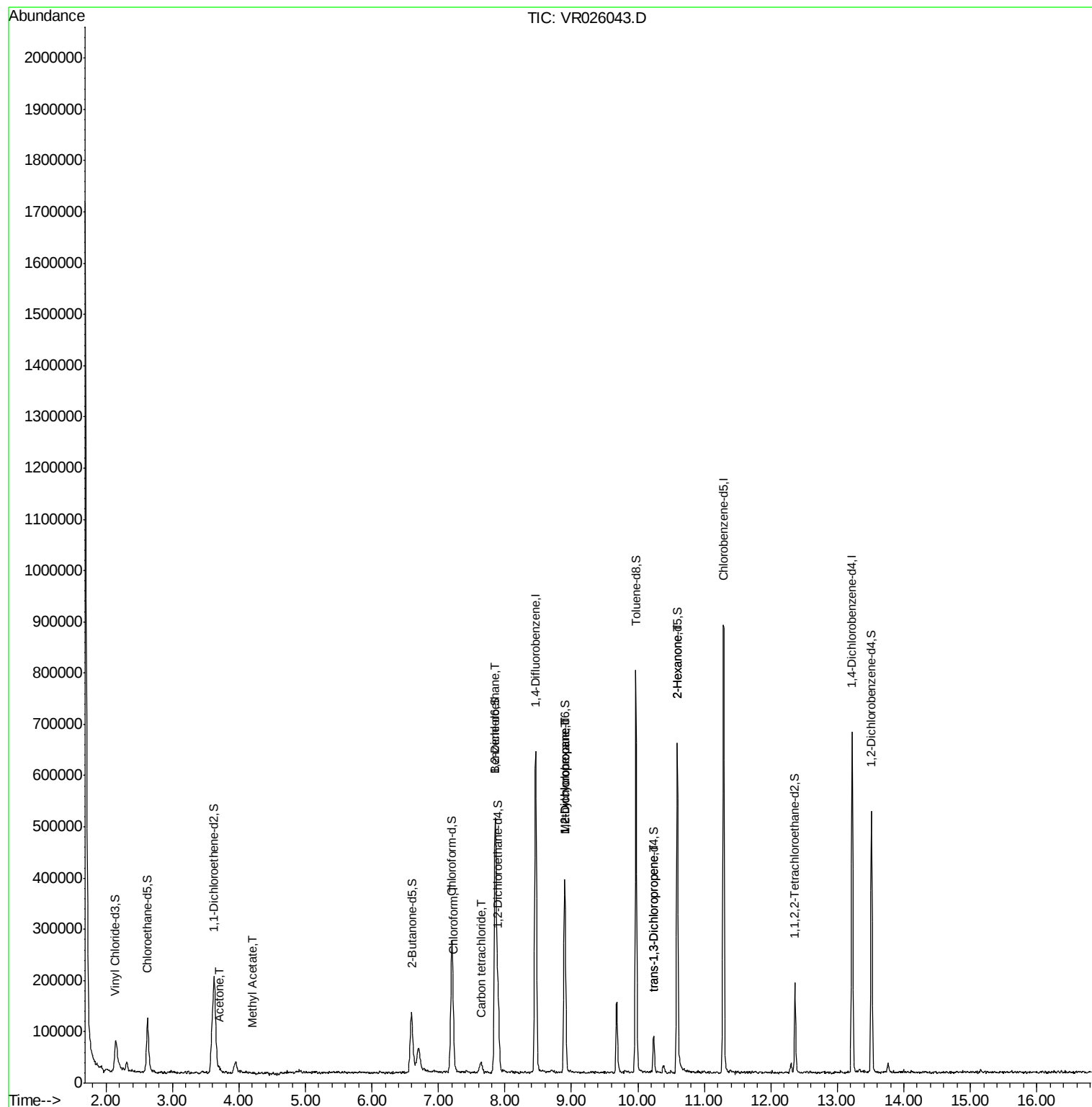
					Ovalue
13) Acetone	3.70	43	6448	2.339 ug/L	73
15) Methyl Acetate	4.21	43	695	0.091 ug/L #	80
25) Chloroform	7.23	83	6187	0.119 ug/L	77
27) 1,2-Dichloroethane	7.86	62	3844	0.148 ug/L	98
31) Carbon tetrachloride	7.64	117	15932	0.435 ug/L	94
35) Methylcyclohexane	8.90	83	37139	0.743 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20849	0.771 ug/L #	93
44) trans-1,3-Dichloropropene	10.23	75	2270	0.115 ug/L	84
48) 2-Hexanone	10.59	43	29251	4.696 ug/L #	70

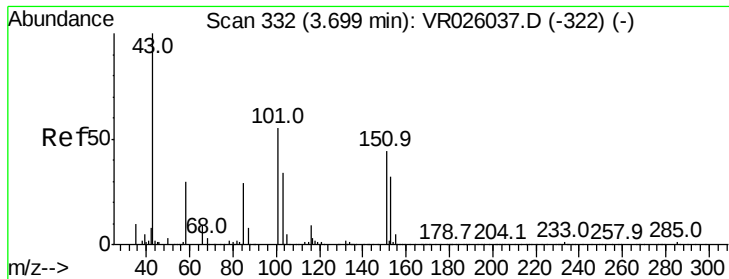
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.339 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026043.D

Acq: 11 Oct 2018 14:10

Instrument :

MSVOA_R

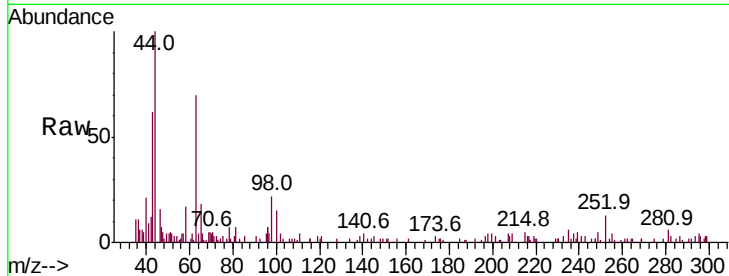
ClientSampled :

Tot Ion: 43 Resp: 6448

Ion Ratio Lower Upper

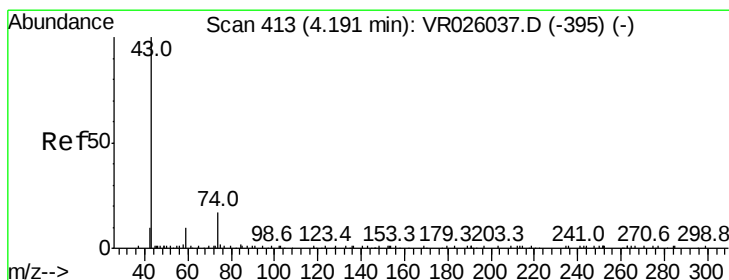
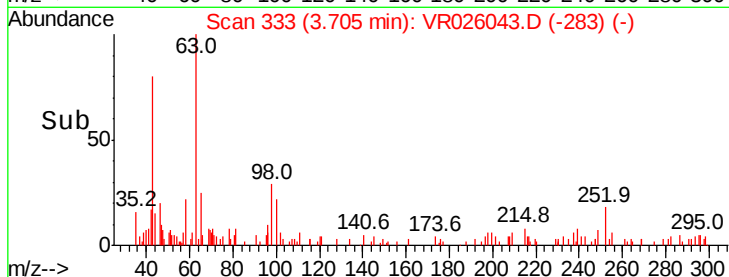
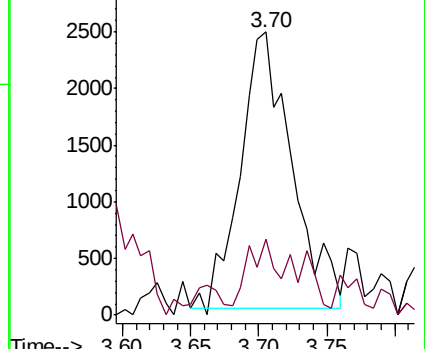
43 100

58 12.1 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: 0.091 ug/L

RT: 4.21 min Scan# 416

Delta R.T. 0.02 min

Lab File: VR026043.D

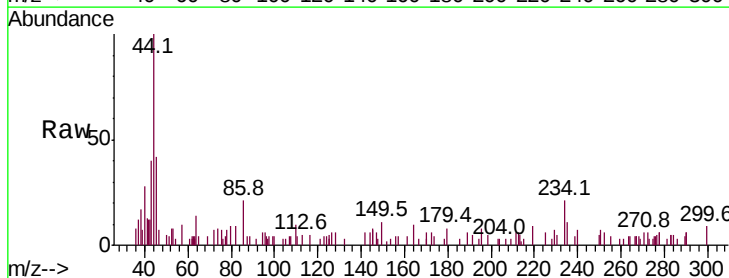
Acq: 11 Oct 2018 14:10

Tgt Ion: 43 Resp: 695

Ion Ratio Lower Upper

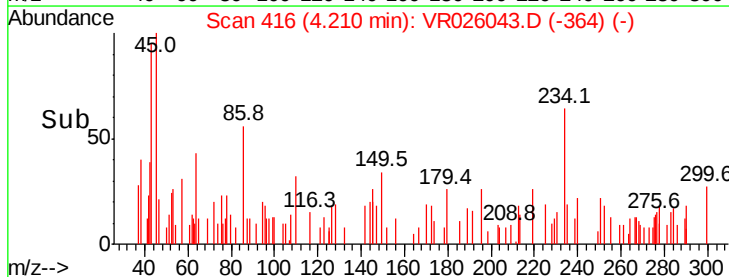
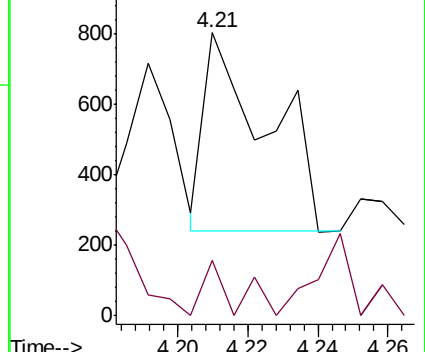
43 100

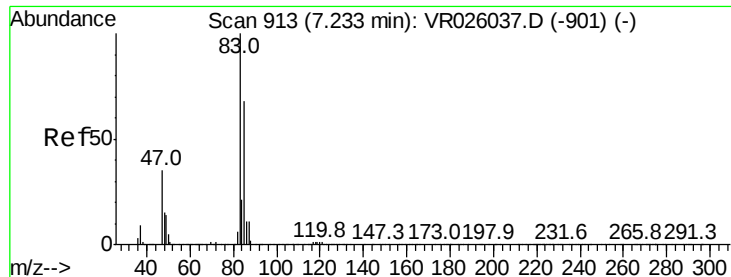
74 14.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#25

Chloroform

Concen: 0.119 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.01 min

Lab File: VR026043.D

Acq: 11 Oct 2018 14:10

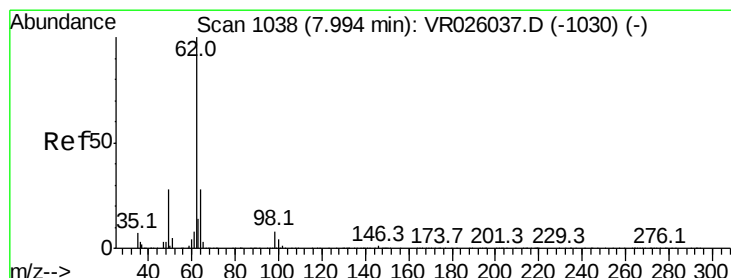
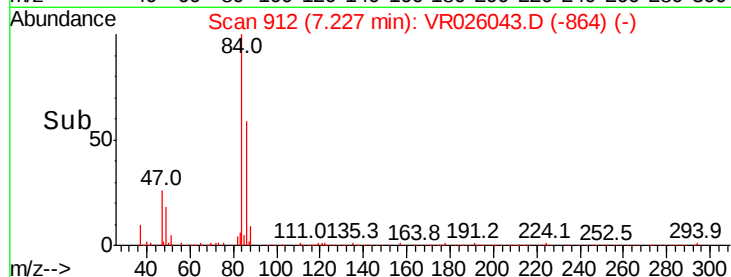
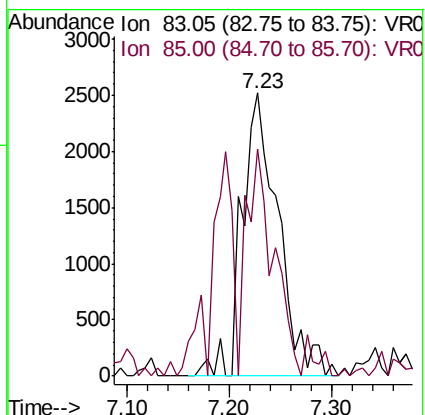
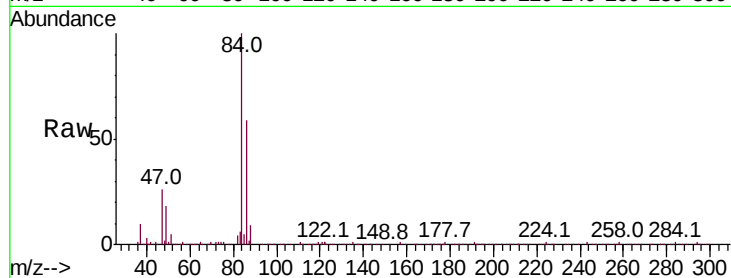
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 6187

Ion Ratio Lower Upper

83 100

85 80.2 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.148 ug/L

RT: 7.86 min Scan# 1016

Delta R.T. -0.13 min

Lab File: VR026043.D

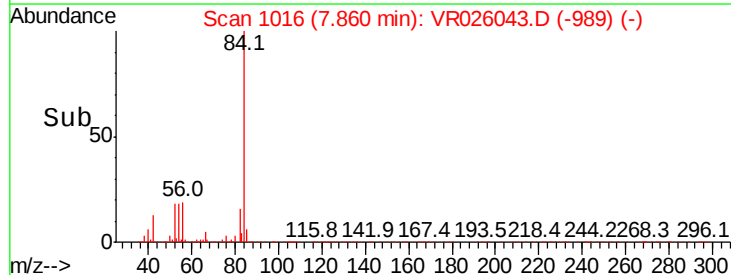
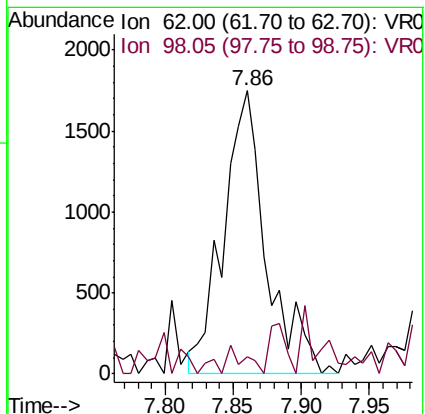
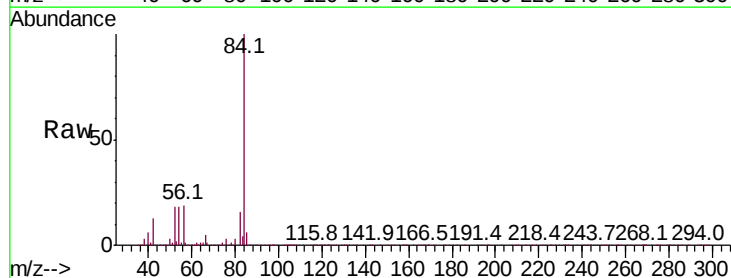
Acq: 11 Oct 2018 14:10

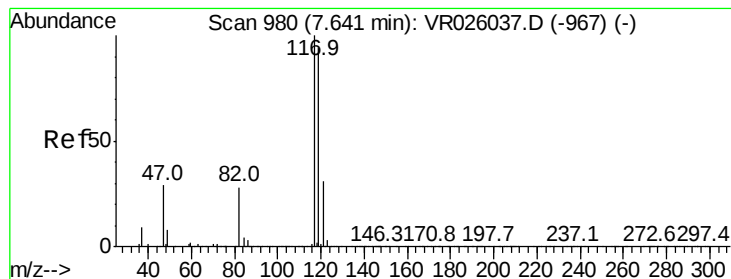
Tgt Ion: 62 Resp: 3844

Ion Ratio Lower Upper

62 100

98 5.9 5.2 7.8





#31

Carbon tetrachloride

Concen: 0.435 ug/L

RT: 7.64 min Scan# 980

Delta R.T. 0.00 min

Lab File: VR026043.D

Acq: 11 Oct 2018 14:10

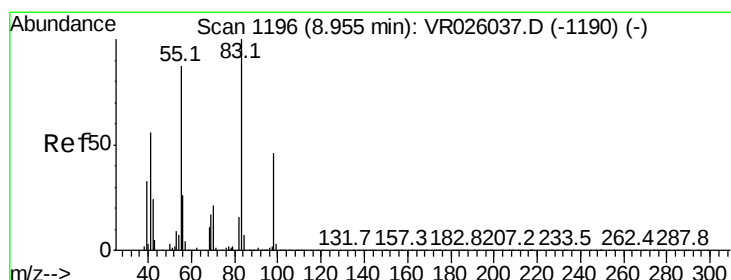
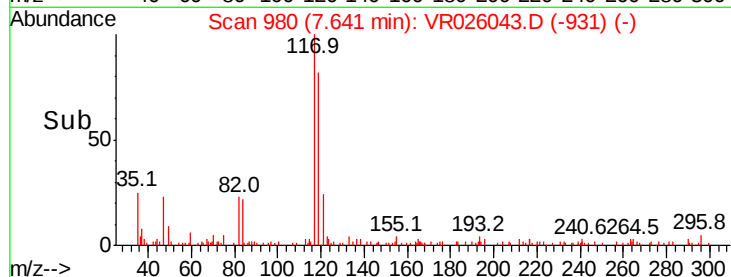
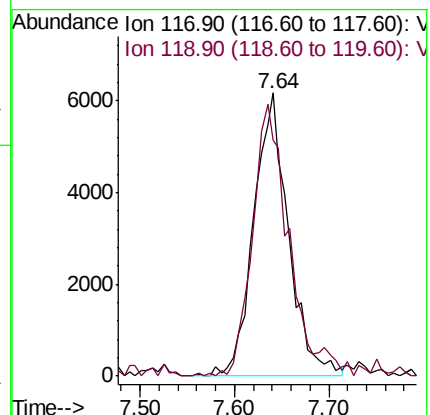
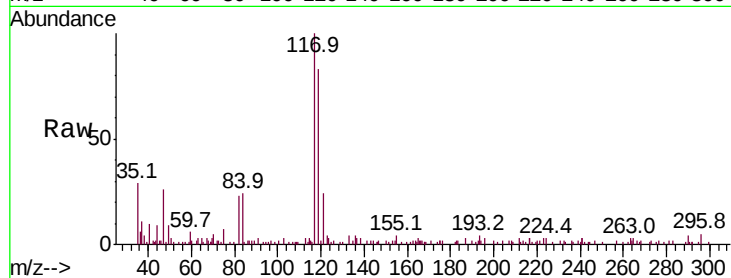
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:117 Resp: 15932

Ion Ratio Lower Upper

117 100

119 100.8 75.6 113.4



#35

Methylcyclohexane

Concen: 0.743 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026043.D

Acq: 11 Oct 2018 14:10

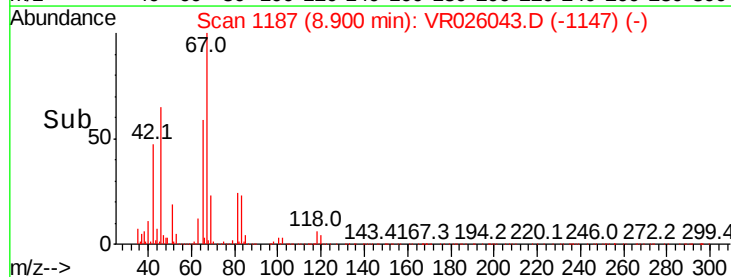
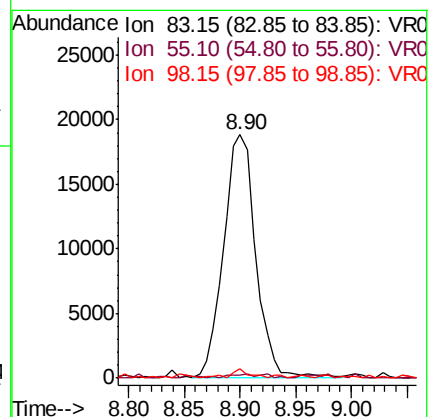
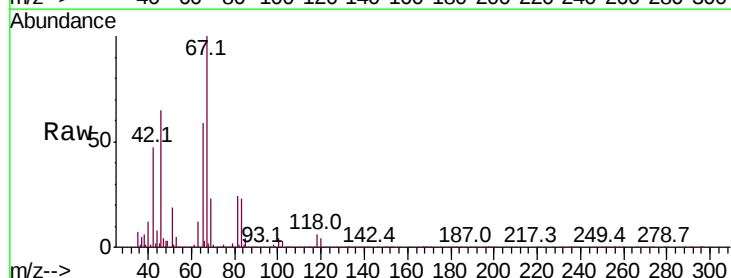
Tgt Ion: 83 Resp: 37139

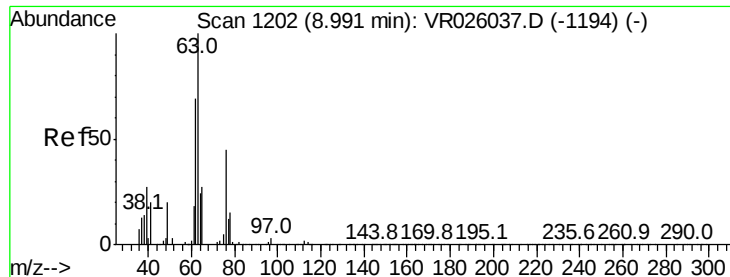
Ion Ratio Lower Upper

83 100

55 0.0 71.8 107.6#

98 2.3 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.771 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026043.D

Acq: 11 Oct 2018 14:10

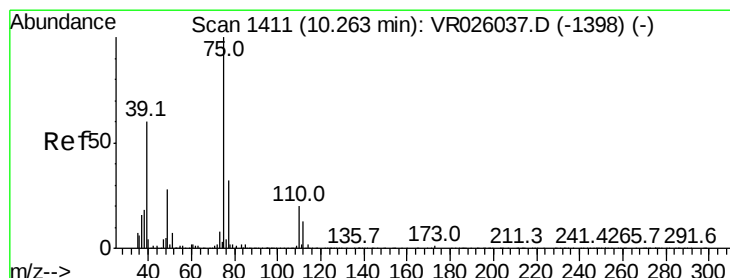
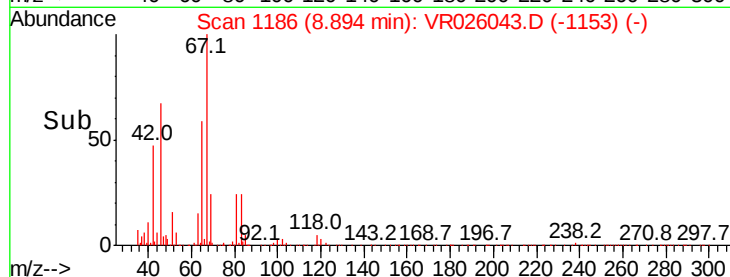
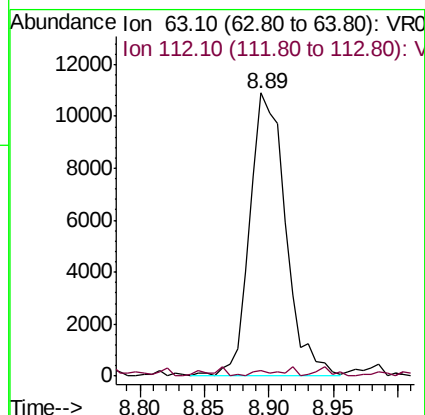
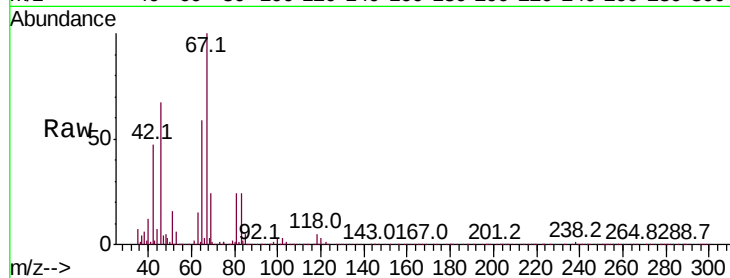
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 20849

Ion Ratio Lower Upper

63 100

112 0.8 2.5 3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026043.D

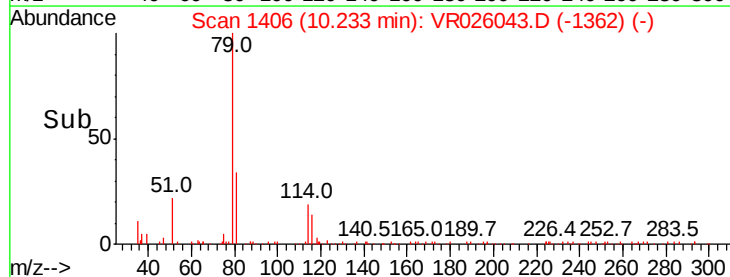
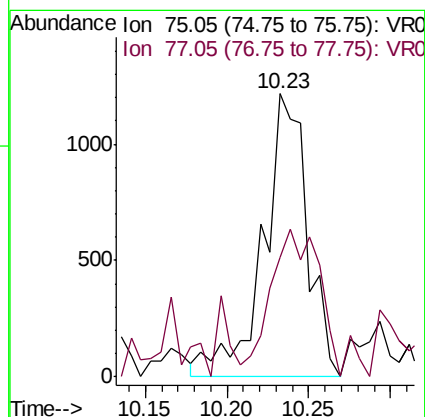
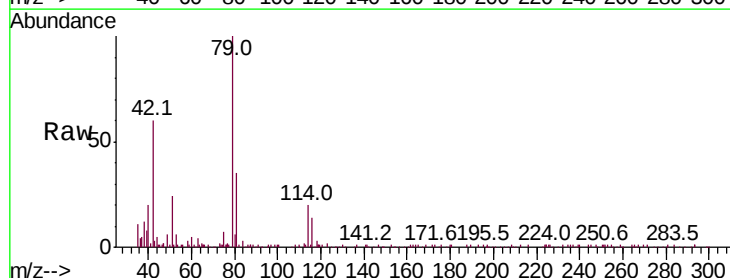
Acq: 11 Oct 2018 14:10

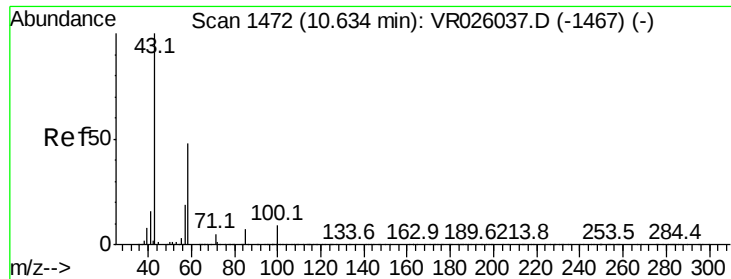
Tgt Ion: 75 Resp: 2270

Ion Ratio Lower Upper

75 100

77 42.2 23.0 42.8





#48
 2-Hexanone
 Concen: 4.696 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026043.D
 Acq: 11 Oct 2018 14:10

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 43 Resp: 29251
 Ion Ratio Lower Upper
 43 100
 58 23.1 39.5 59.3#
 57 24.1 14.6 21.8#
 100 3.1 6.7 10.1#

