

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025955.D
 Acq On : 5 Oct 2018 13:48
 Operator : SY/MD
 Sample : J5276-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:22:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 04:21:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	406791	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	338063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	111930	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	121394	3.78	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	2.63	69	117656	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	3.63	63	227413	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	6.59	46	201758	56.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.84%
24) Chloroform-d	7.20	84	243779	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	7.89	65	112574	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	7.85	84	443720	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	8.90	67	133020	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	9.97	98	385706	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	10.24	79	28972	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	10.59	63	145091	55.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55523	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	77819	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

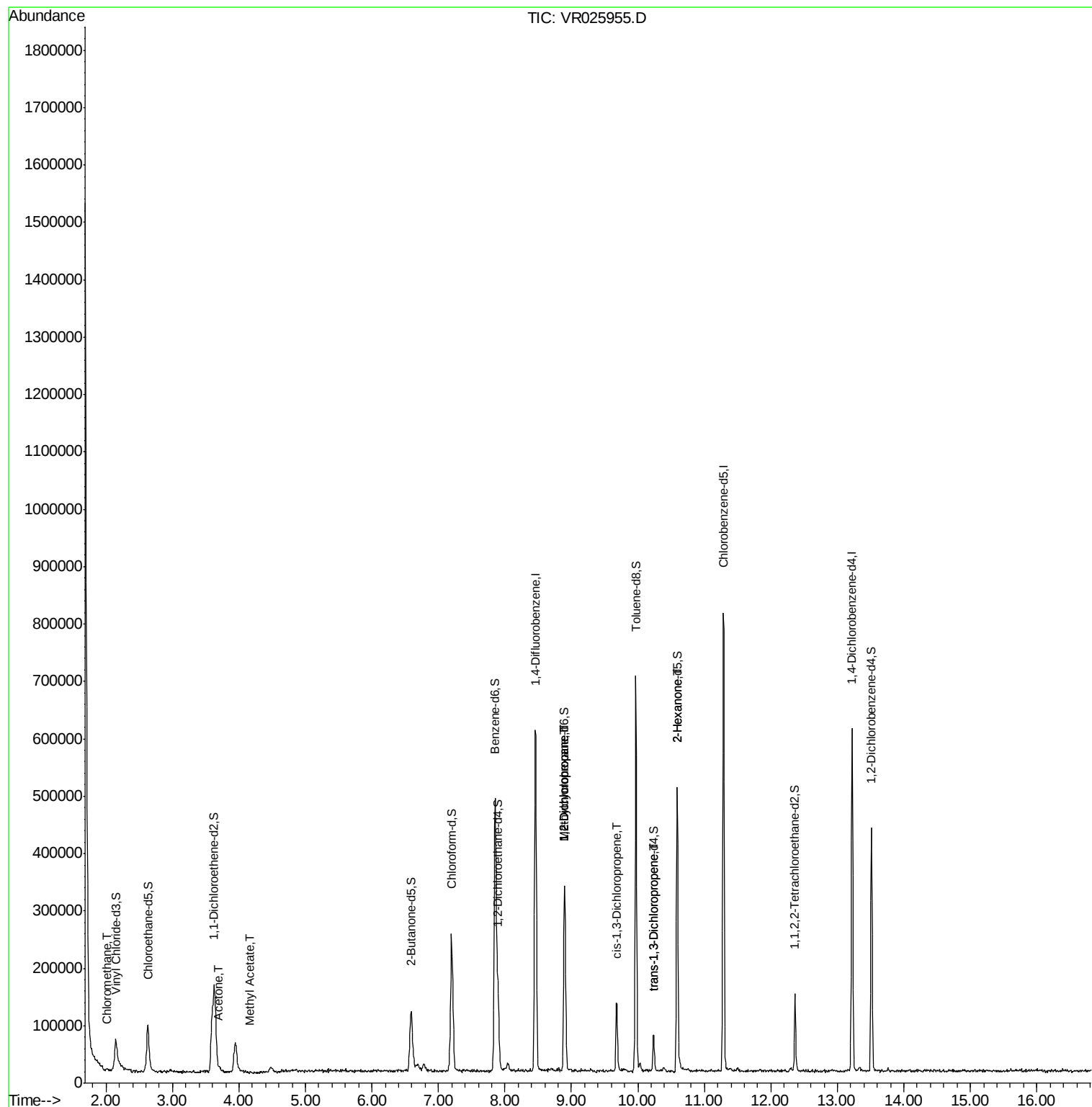
					Ovalue
3) Chloromethane	2.01	50	3567	0.101 ug/L #	73
13) Acetone	3.69	43	10695	4.126 ug/L	70
15) Methyl Acetate	4.17	43	694	0.097 ug/L #	72
35) Methylcyclohexane	8.89	83	32551	0.725 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	17739	0.729 ug/L #	93
39) cis-1,3-Dichloropropene	9.68	75	4269	0.157 ug/L	85
44) trans-1,3-Dichloropropene	10.23	75	1891	0.106 ug/L	87
48) 2-Hexanone	10.59	43	22218	3.967 ug/L #	66

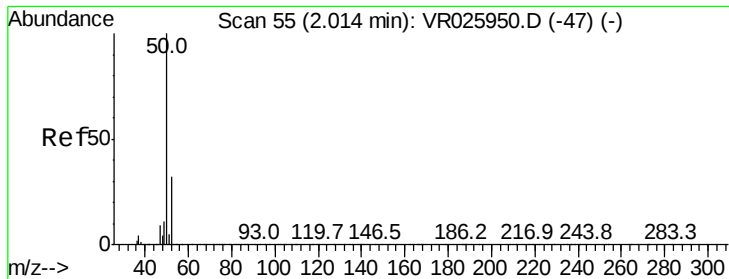
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.101 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

Instrument :

MSVOA_R

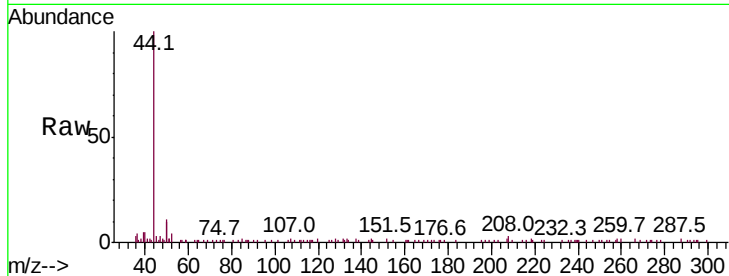
ClientSampleId :

Tot Ion: 50 Resp: 3567

Ion Ratio Lower Upper

50 100

52 16.4 22.1 41.1#



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0

2.01

2000

1500

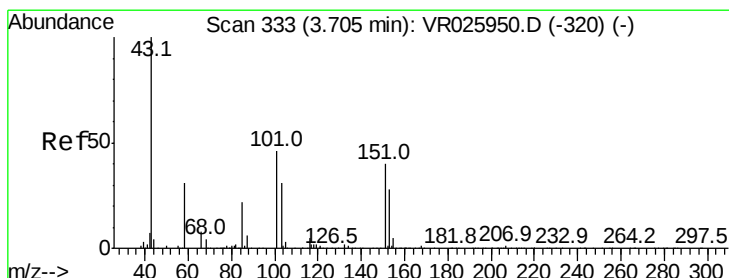
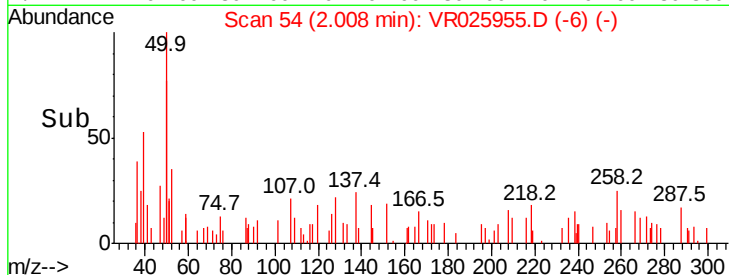
1000

500

0

1.95 2.00 2.05

Time-->



#13

Acetone

Concen: 4.126 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR025955.D

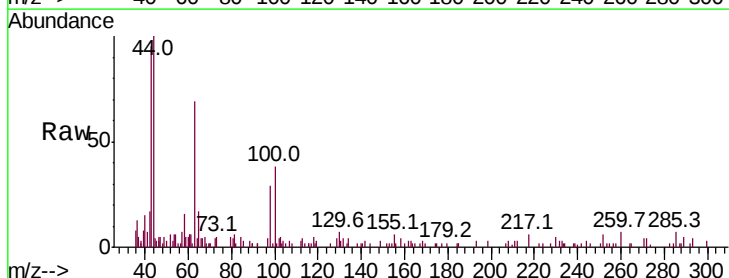
Acq: 5 Oct 2018 13:48

Tgt Ion: 43 Resp: 10695

Ion Ratio Lower Upper

43 100

58 10.4 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.69

3000

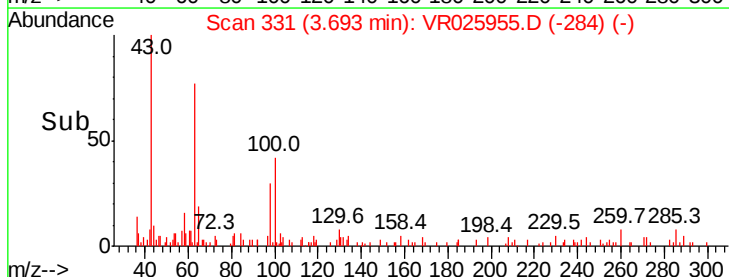
2000

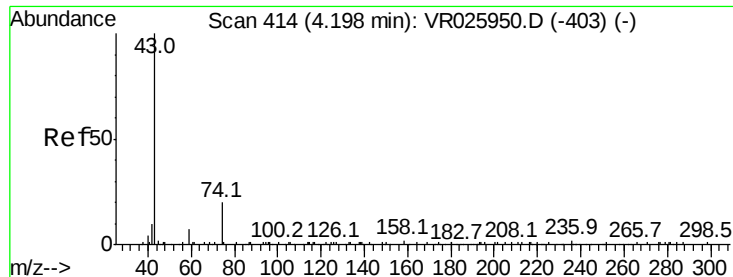
1000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#15

Methyl Acetate

Concen: 0.097 ug/L

RT: 4.17 min Scan# 409

Delta R.T. -0.03 min

Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

Instrument :

MSVOA_R

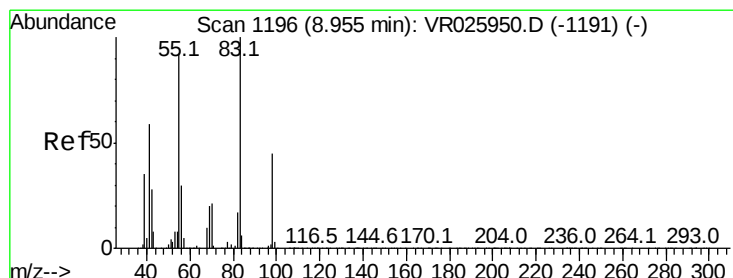
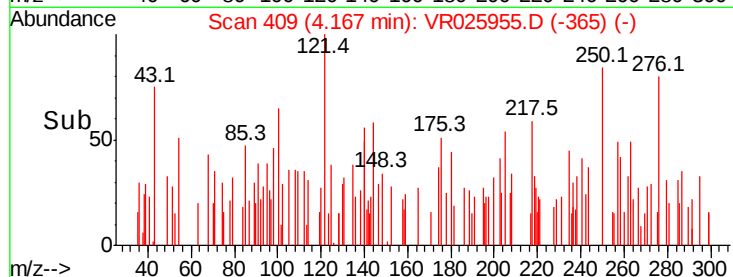
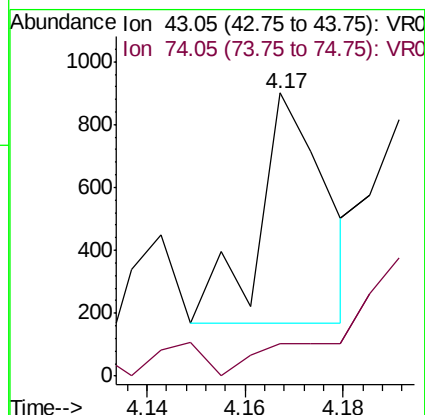
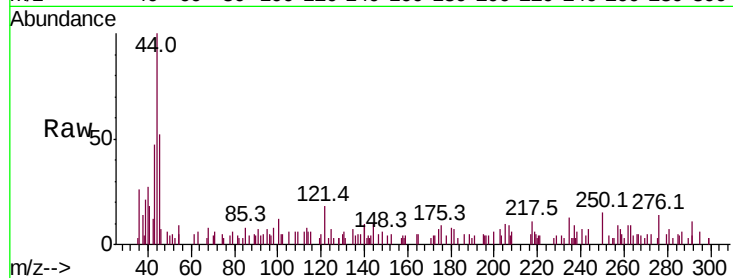
ClientSampled :

Tot Ion: 43 Resp: 694

Ion Ratio Lower Upper

43 100

74 10.1 19.0 28.4#



#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

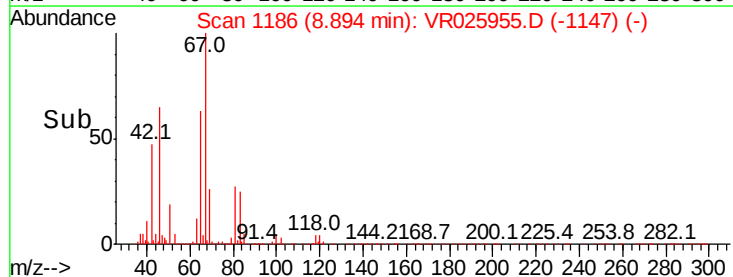
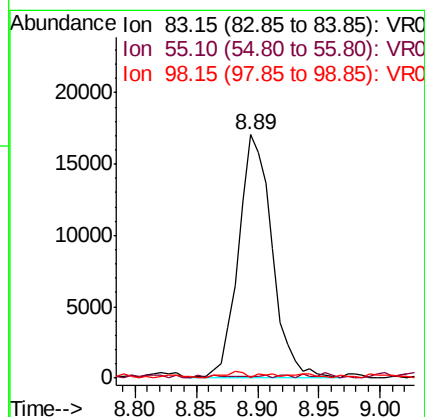
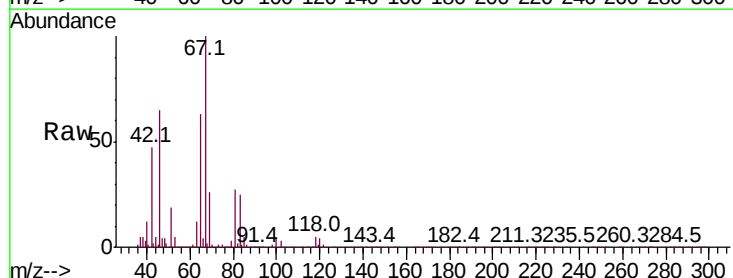
Tgt Ion: 83 Resp: 32551

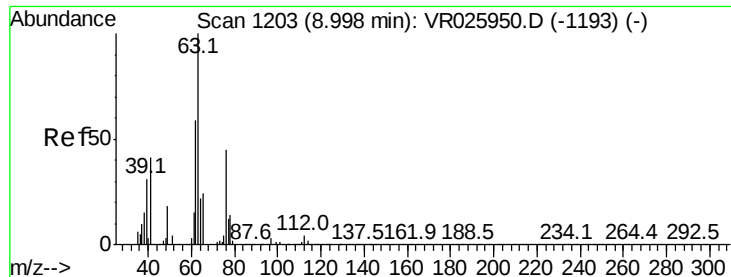
Ion Ratio Lower Upper

83 100

55 0.5 71.8 107.6#

98 1.1 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.729 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

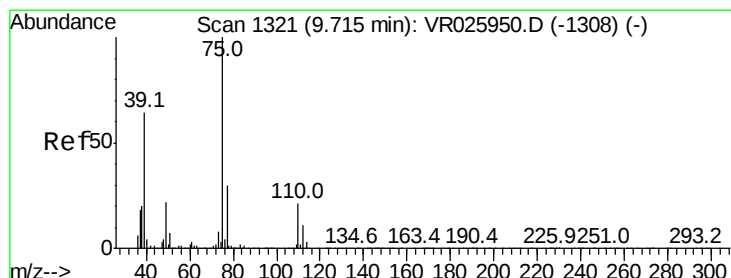
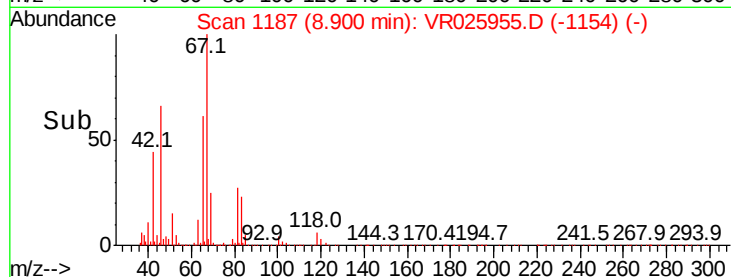
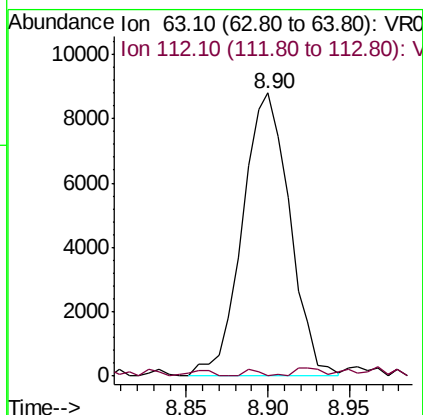
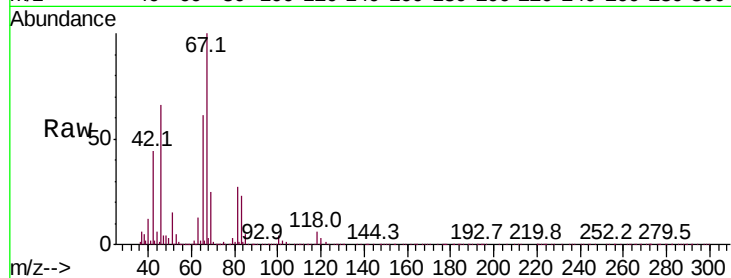
Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 17739

Ion	Ratio	Lower	Upper
63	100		
112	0.8	2.5	3.7#



#39

cis-1,3-Dichloropropene

Concen: 0.157 ug/L

RT: 9.68 min Scan# 1315

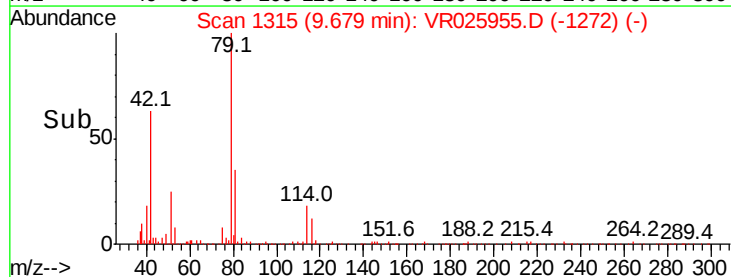
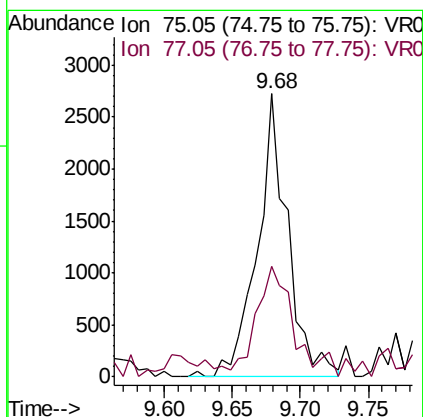
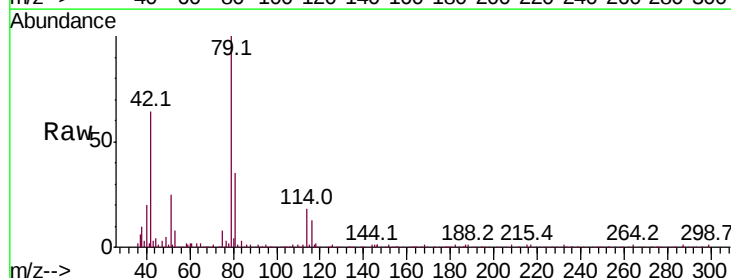
Delta R.T. -0.04 min

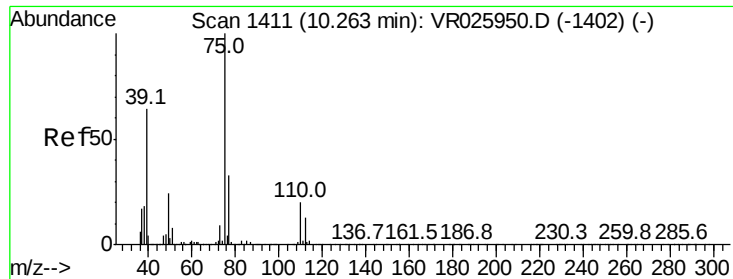
Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

Tgt Ion: 75 Resp: 4269

Ion	Ratio	Lower	Upper
75	100		
77	39.1	21.5	39.9





#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

Instrument :

MSVOA_R

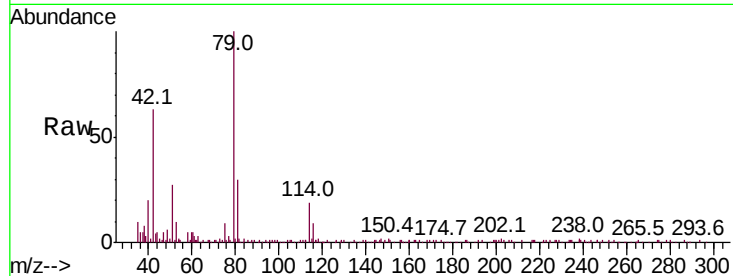
ClientSampleId :

Tot Ion: 75 Resp: 1891

Ion Ratio Lower Upper

75 100

77 40.2 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.23

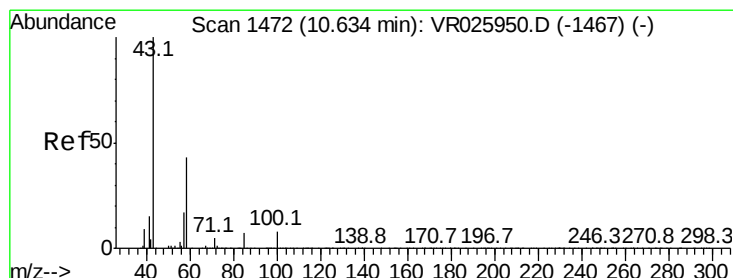
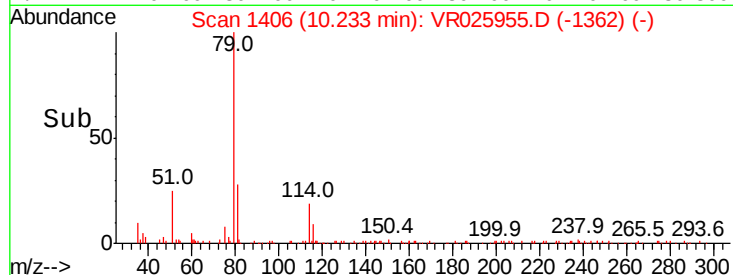
1500

1000

500

0

Time-->



#48

2-Hexanone

Concen: 3.967 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025955.D

Acq: 5 Oct 2018 13:48

Tgt Ion: 43 Resp: 22218

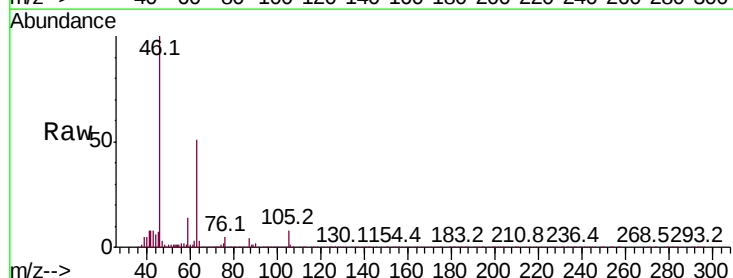
Ion Ratio Lower Upper

43 100

58 22.5 39.5 59.3#

57 29.2 14.6 21.8#

100 1.3 6.7 10.1#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

20000

15000

10000

5000

0

Time-->

