

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092818\
 Data File : VR025903.D
 Acq On : 28 Sep 2018 16:24
 Operator : SY/MD
 Sample : J5156-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 29 05:16:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 29 05:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	488593	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	389008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	136009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	203529	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	2.63	69	170850	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	3.63	63	356870	3.94	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	6.59	46	227454	52.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	7.20	84	320070	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	7.90	65	142732	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	7.85	84	661312	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	8.90	67	175113	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	9.97	98	606515	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	10.24	79	36217	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	10.59	63	165057	54.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68153	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	109746	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

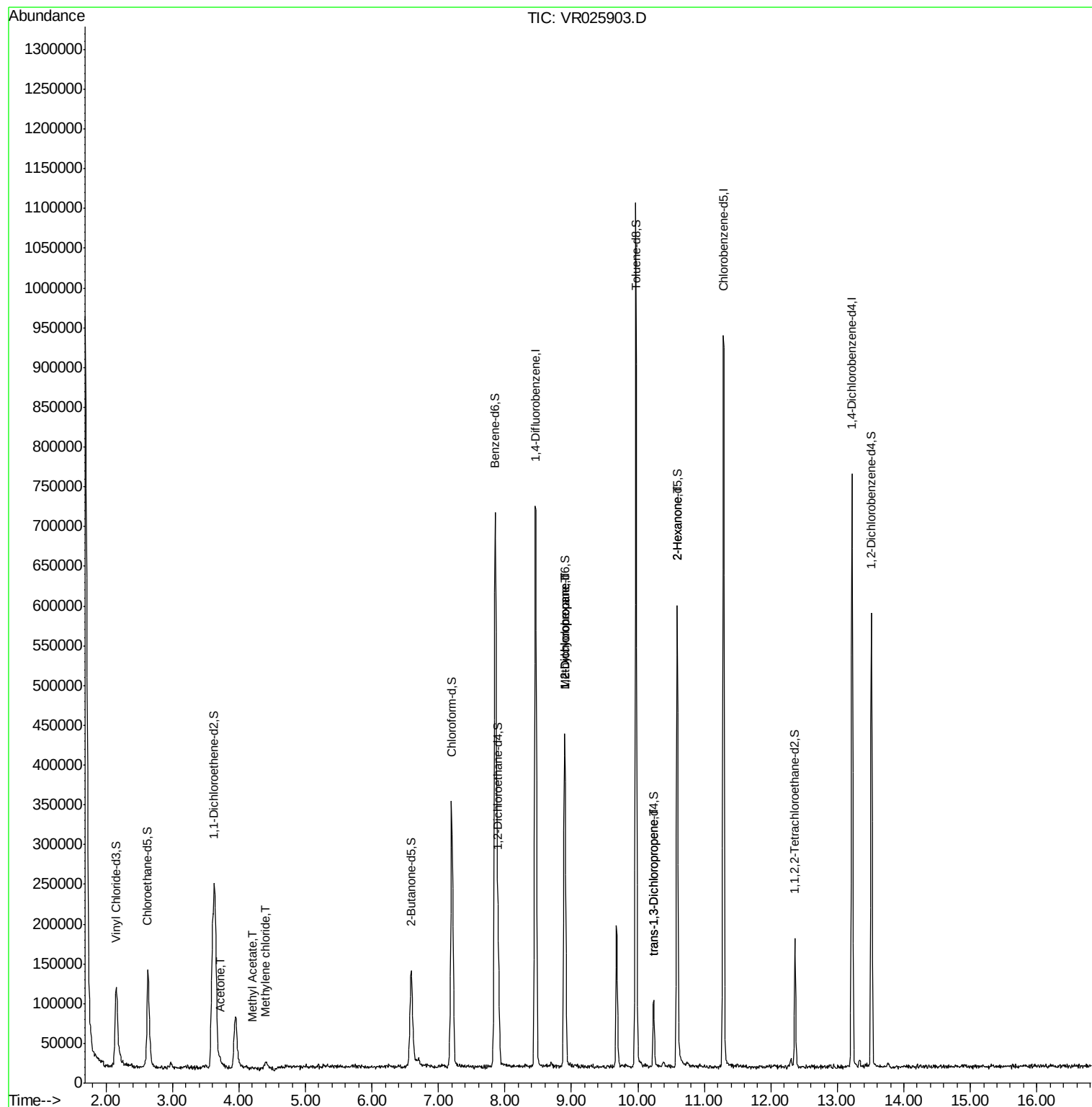
					Ovalue
13) Acetone	3.71	43	12115	3.891 ug/L	97
15) Methyl Acetate	4.20	43	2354	0.273 ug/L	97
16) Methylene chloride	4.40	84	6148	0.181 ug/L #	67
35) Methylcyclohexane	8.90	83	42466	0.822 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	21666	0.774 ug/L #	94
44) trans-1,3-Dichloropropene	10.24	75	2513	0.123 ug/L	92
48) 2-Hexanone	10.59	43	26199	4.066 ug/L #	72

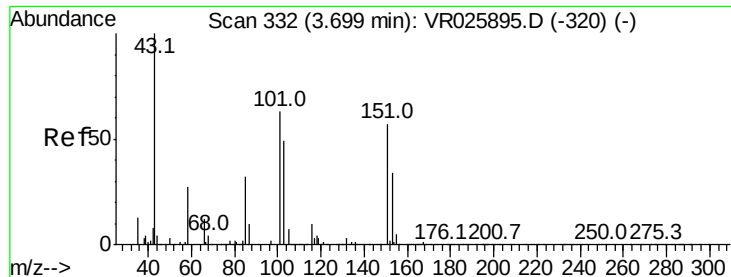
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.891 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025903.D

Acq: 28 Sep 2018 16:24

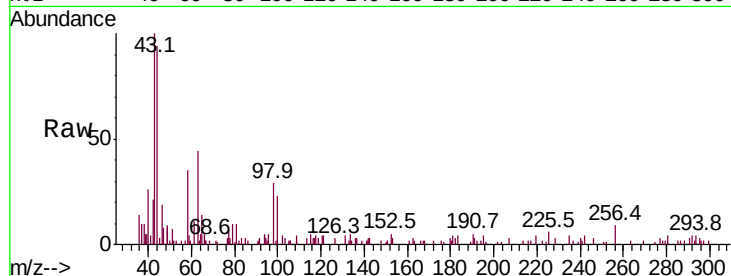
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 12115

Ion Ratio Lower Upper

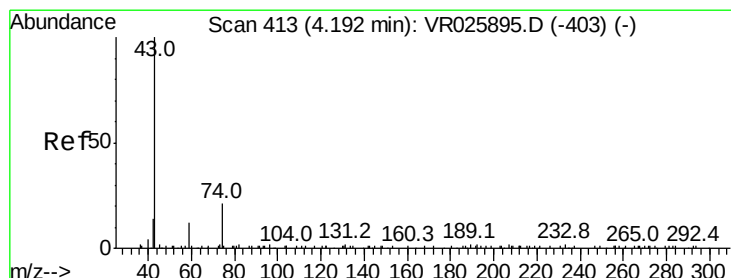
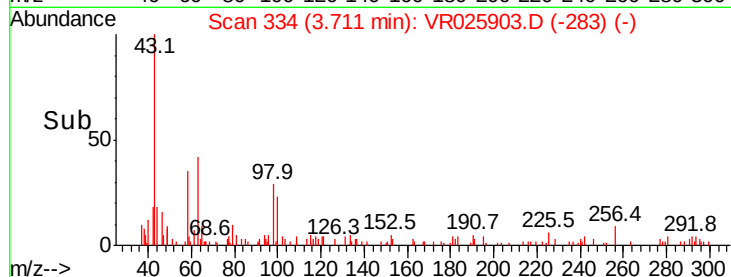
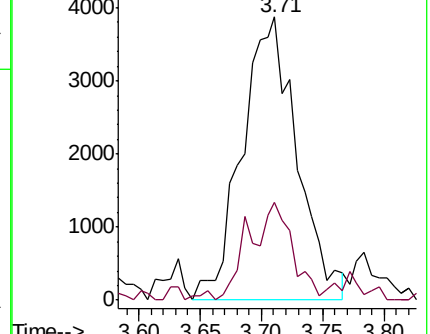
43 100

58 27.1 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: 0.273 ug/L

RT: 4.20 min Scan# 415

Delta R.T. 0.01 min

Lab File: VR025903.D

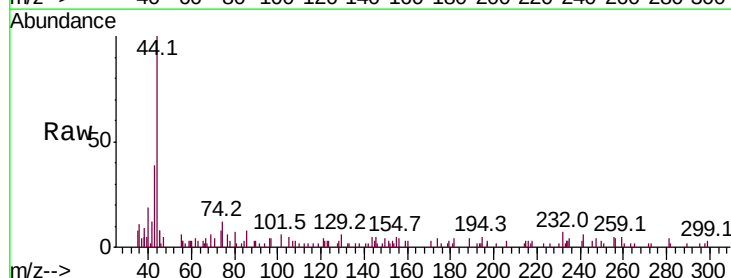
Acq: 28 Sep 2018 16:24

Tgt Ion: 43 Resp: 2354

Ion Ratio Lower Upper

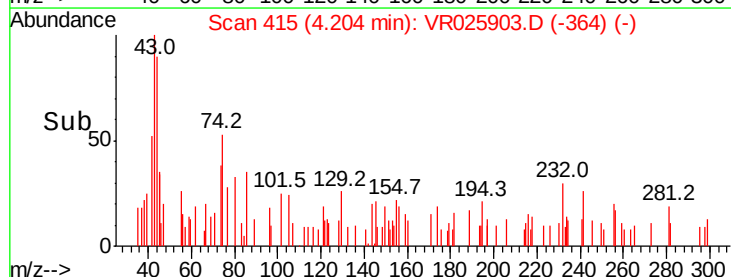
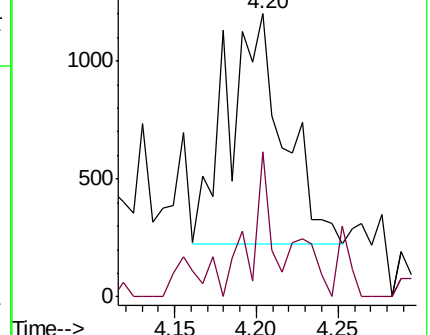
43 100

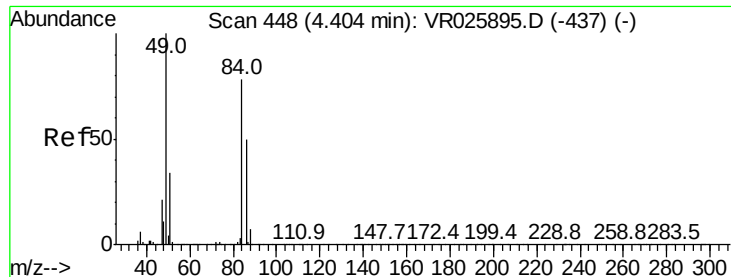
74 22.2 19.0 28.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

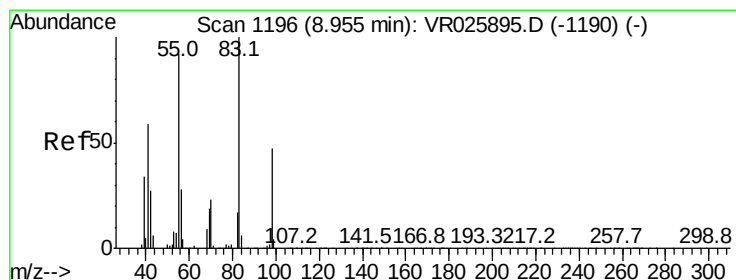
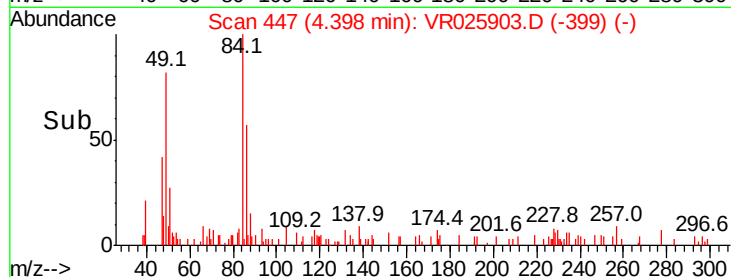
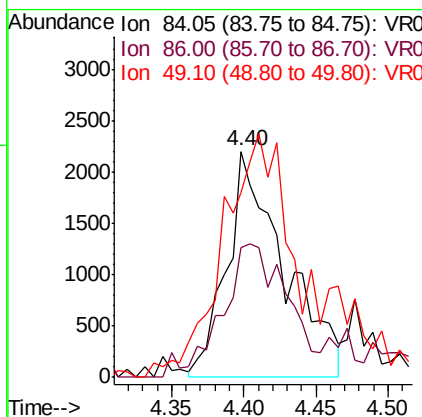
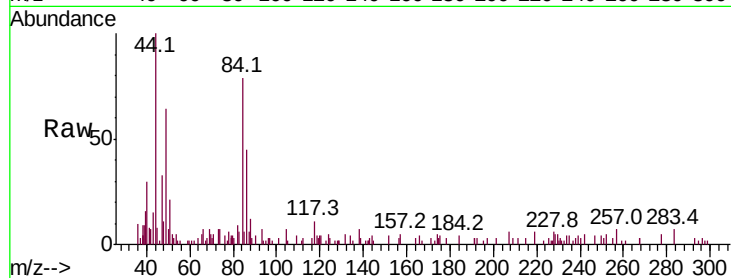




#16
Methylene chloride
Concen: 0.181 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR025903.D
Acq: 28 Sep 2018 16:24

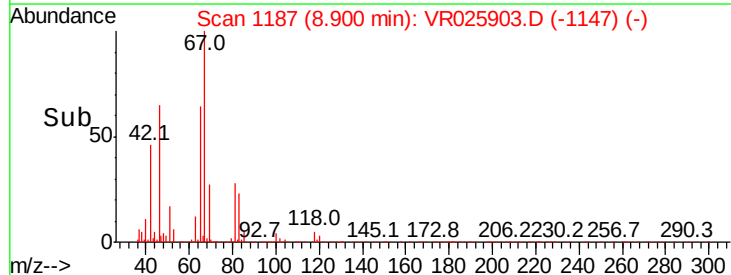
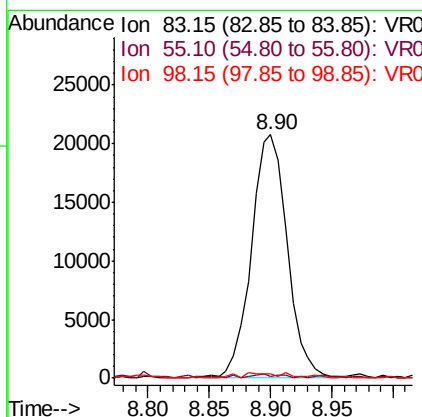
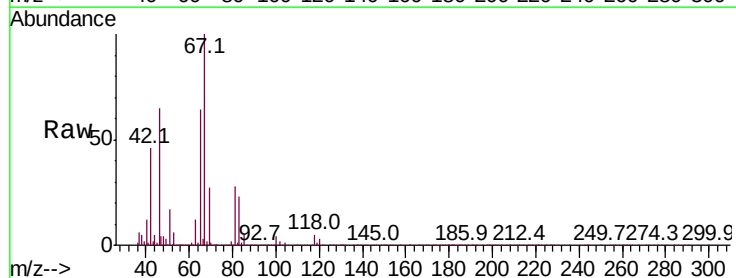
Instrument :
MSVOA_R
ClientSampleId :

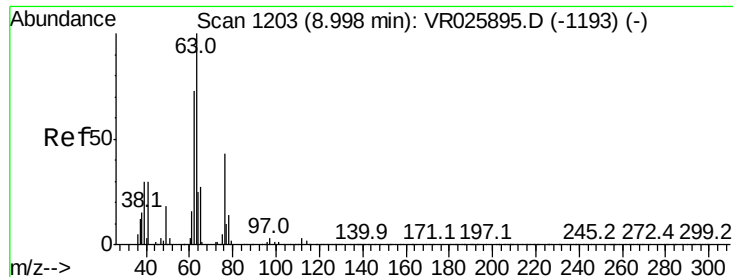
Tot Ion: 84 Resp: 6148
Ion Ratio Lower Upper
84 100
86 57.4 43.1 80.1
49 81.7 95.5 177.3#



#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025903.D
Acq: 28 Sep 2018 16:24

Tgt Ion: 83 Resp: 42466
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 1.9 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.774 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025903.D

Acq: 28 Sep 2018 16:24

Instrument :

MSVOA_R

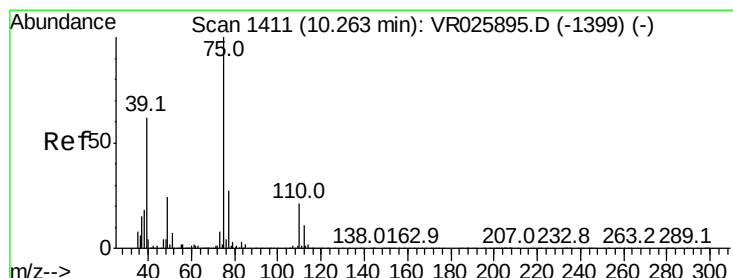
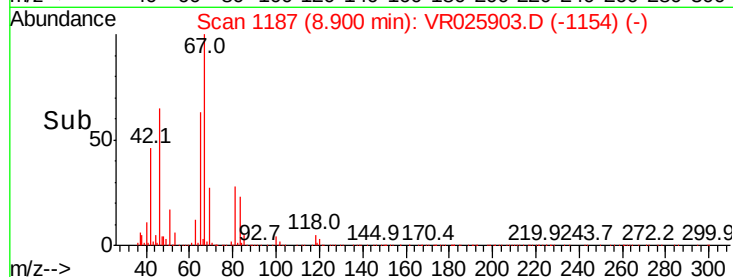
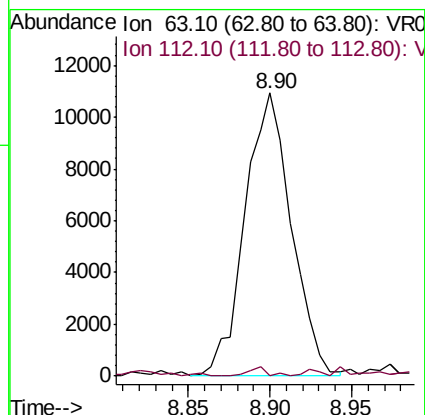
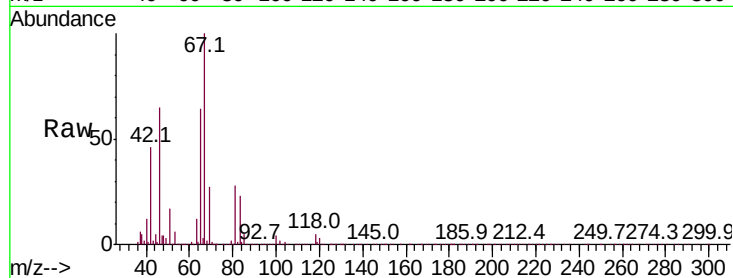
ClientSampleId :

Tot Ion: 63 Resp: 21666

Ion Ratio Lower Upper

63 100

112 1.3 2.5 3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025903.D

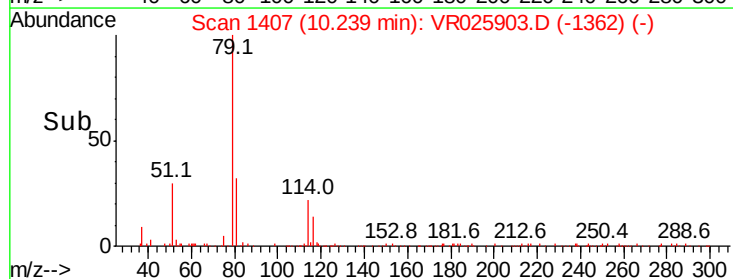
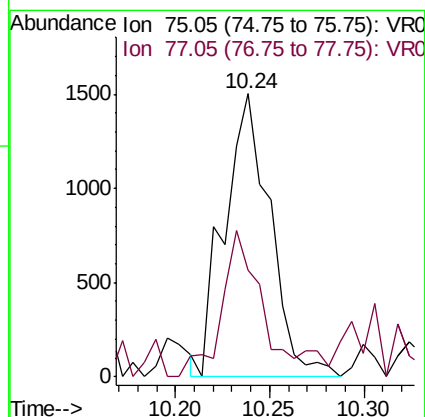
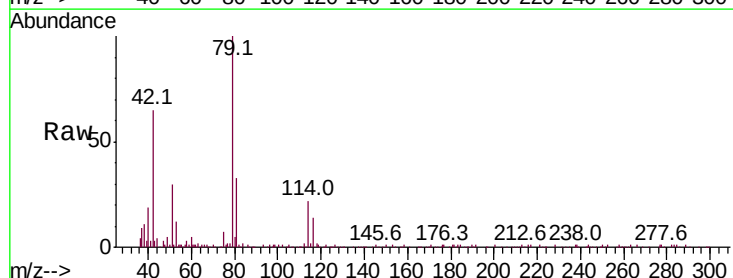
Acq: 28 Sep 2018 16:24

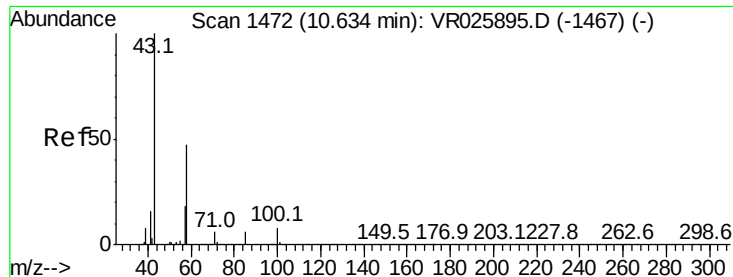
Tgt Ion: 75 Resp: 2513

Ion Ratio Lower Upper

75 100

77 37.6 23.0 42.8





#48

2-Hexanone

Concen: 4.066 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

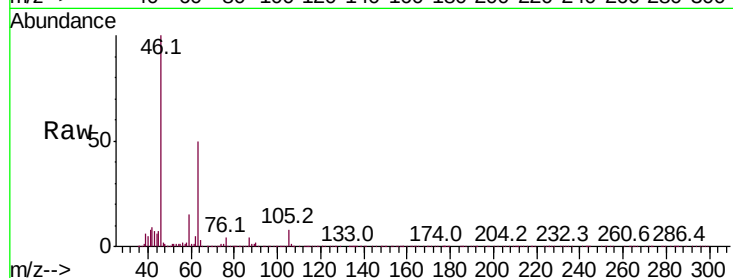
Lab File: VR025903.D

Acq: 28 Sep 2018 16:24

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion: 43 Resp: 26199

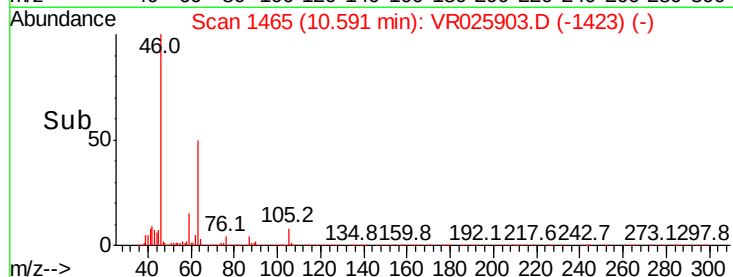
Ion Ratio Lower Upper

43 100

58 23.9 39.5 59.3#

57 20.7 14.6 21.8

100 1.7 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

