

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092818\
 Data File : VR025899.D
 Acq On : 28 Sep 2018 14:10
 Operator : SY/MD
 Sample : J5156-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 29 05:15:40 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	552337	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	454385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	195496	4.49	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	2.63	69	155687	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	3.63	63	341844	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.59	46	217360	44.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	7.20	84	304415	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	7.90	65	132989	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	7.85	84	637170	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	8.90	67	169651	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	9.97	98	577411	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	10.23	79	34896	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	156361	44.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67940	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	103325	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

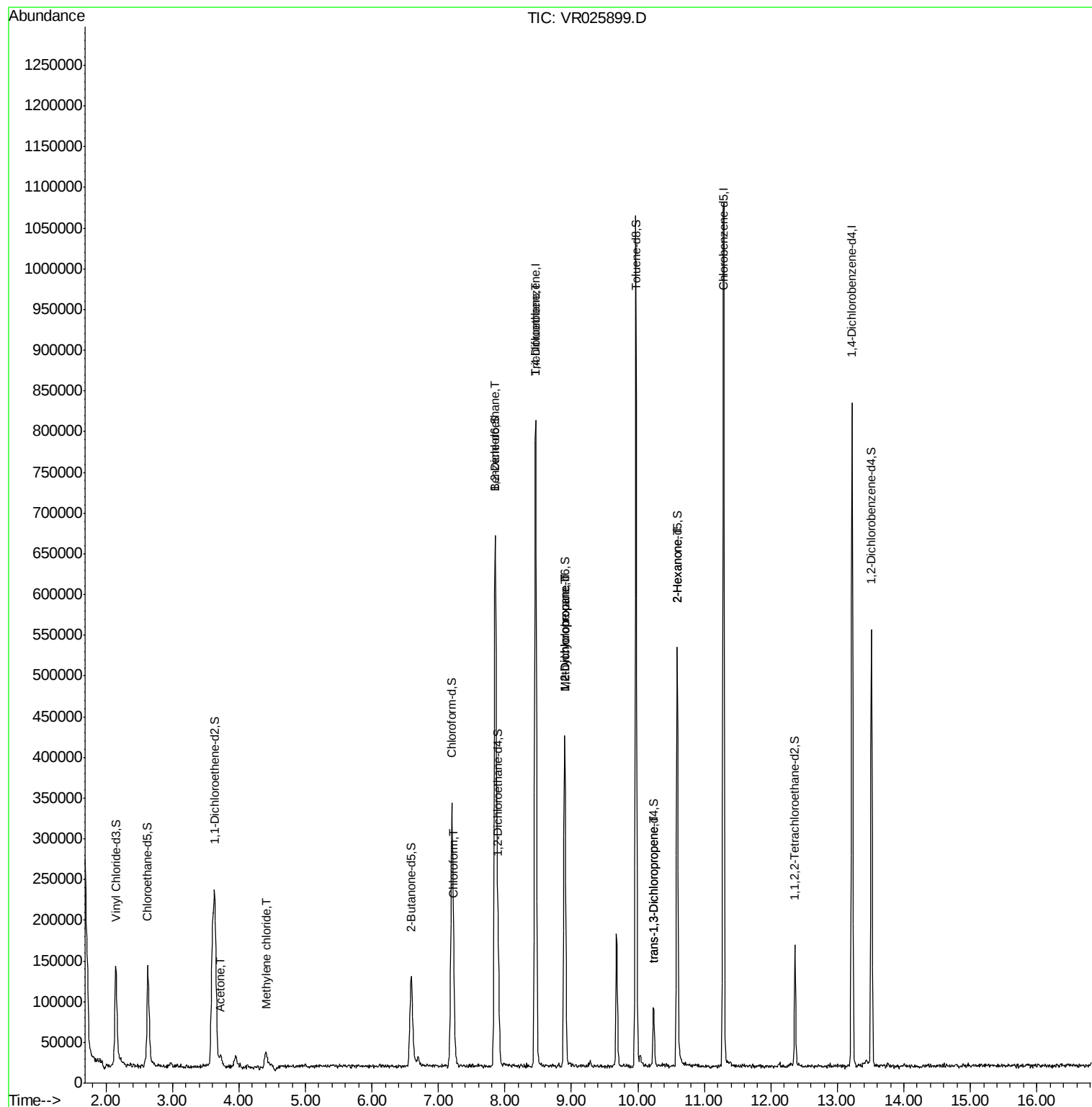
					Ovalue
13) Acetone	3.70	43	5837	1.659 ug/L	87
16) Methylene chloride	4.42	84	17394	0.454 ug/L	82
25) Chloroform	7.23	83	58814	0.885 ug/L	97
27) 1,2-Dichloroethane	7.85	62	5004	0.151 ug/L	99
34) Trichloroethene	8.46	95	19649	0.489 ug/L #	15
35) Methylcyclohexane	8.89	83	40373	0.669 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	22350	0.684 ug/L #	97
44) trans-1,3-Dichloropropene	10.24	75	2299	0.096 ug/L	84
48) 2-Hexanone	10.59	43	24666	3.277 ug/L #	72

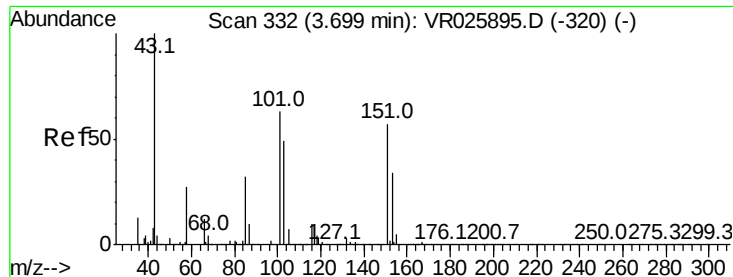
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.659 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

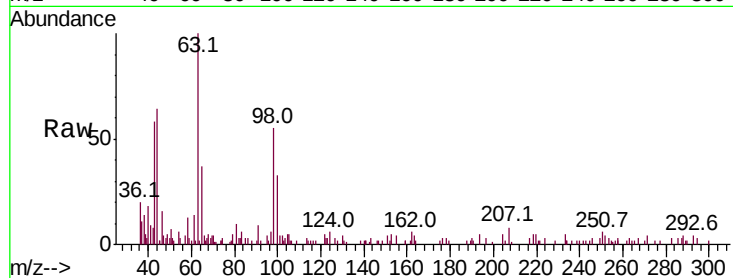
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 5837

Ion Ratio Lower Upper

43 100

58 18.9 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2000

1500

1000

500

0

3.60

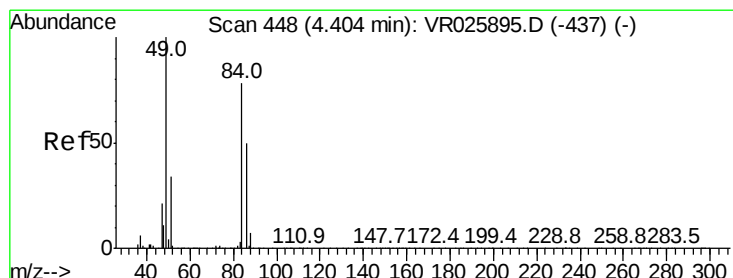
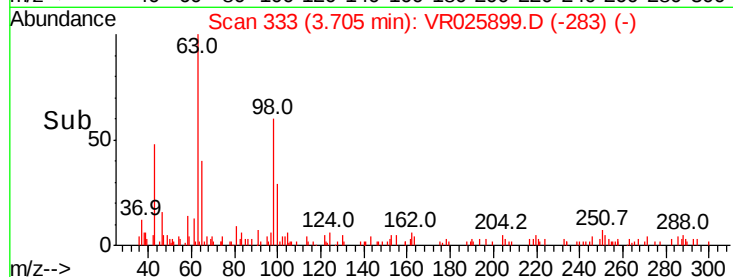
3.65

3.70

3.75

3.80

Time-->



#16

Methylene chloride

Concen: 0.454 ug/L

RT: 4.42 min Scan# 450

Delta R.T. 0.01 min

Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

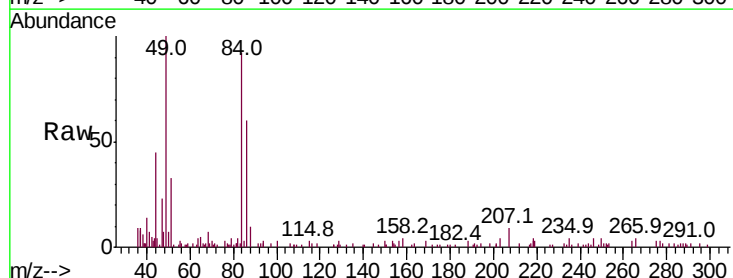
Tgt Ion: 84 Resp: 17394

Ion Ratio Lower Upper

84 100

86 65.4 43.1 80.1

49 108.2 95.5 177.3



Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

6000

4000

2000

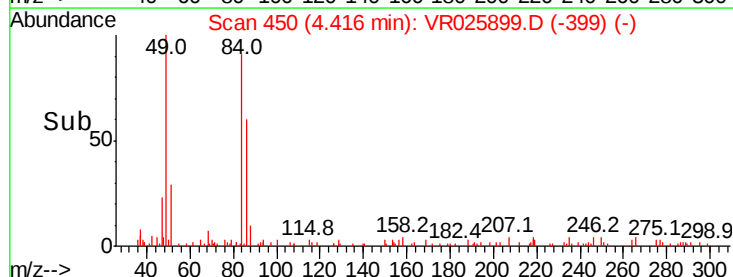
0

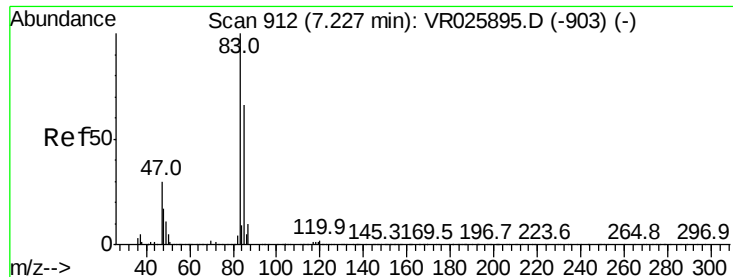
4.30

4.40

4.50

Time-->





#25

Chloroform

Concen: 0.885 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.01 min

Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

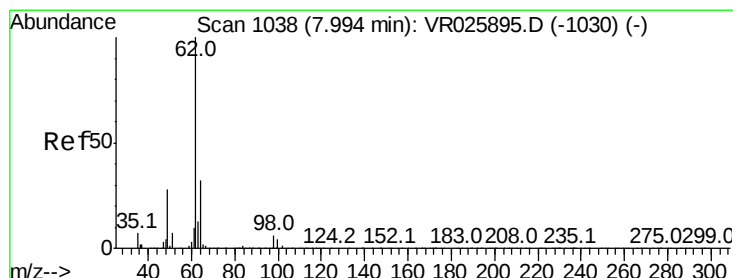
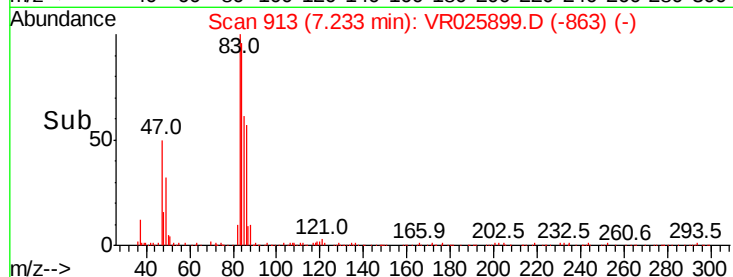
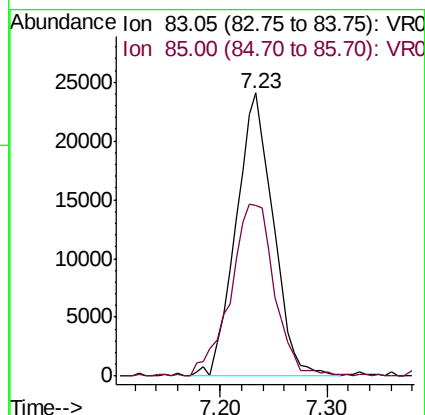
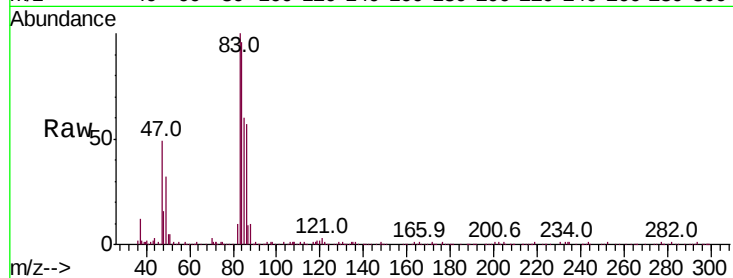
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 58814

Ion Ratio Lower Upper

83 100

85 60.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.151 ug/L

RT: 7.85 min Scan# 1015

Delta R.T. -0.14 min

Lab File: VR025899.D

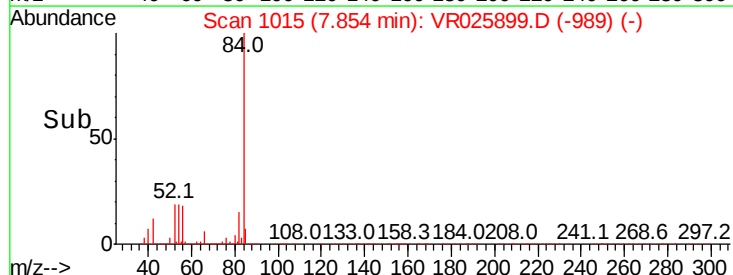
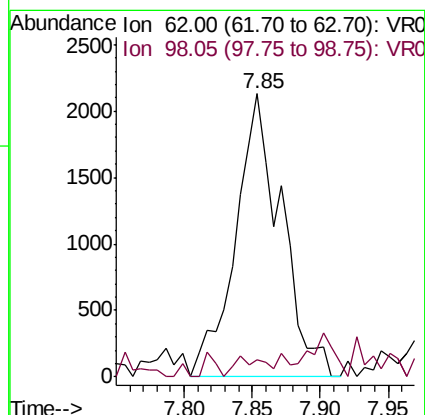
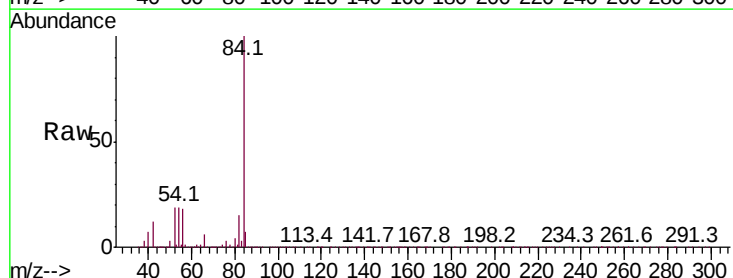
Acq: 28 Sep 2018 14:10

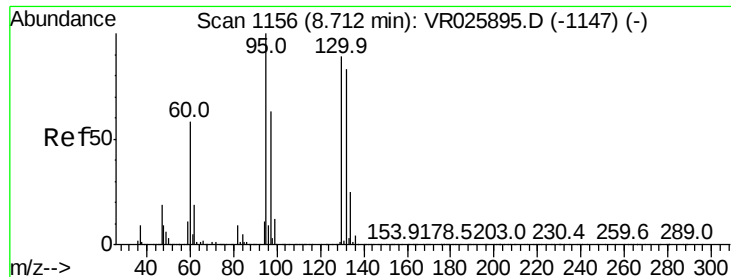
Tgt Ion: 62 Resp: 5004

Ion Ratio Lower Upper

62 100

98 6.1 5.2 7.8





#34

Trichloroethene

Concen: 0.489 ug/L

RT: 8.46 min Scan# 1115

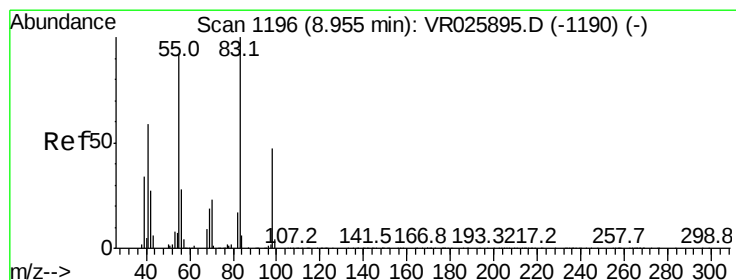
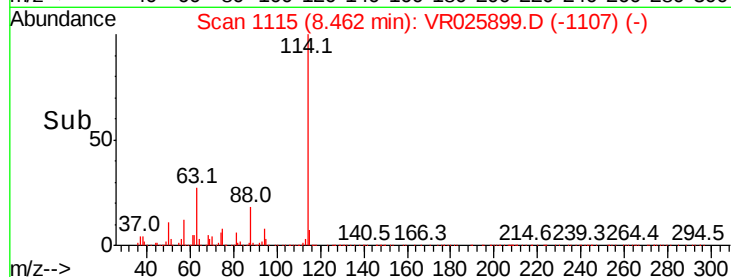
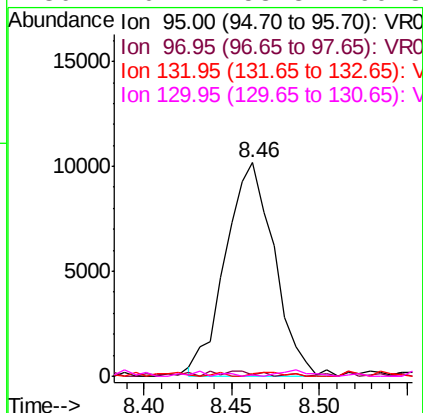
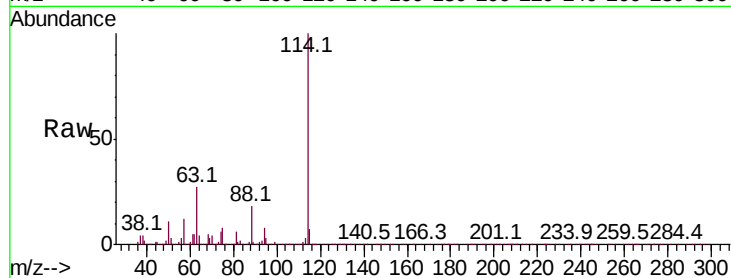
Delta R.T. -0.25 min

Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	95	Resp:	19649
Ion	Ratio	Lower	Upper
95	100		
97	0.7	43.9	81.5#
132	1.4	53.3	98.9#
130	0.7	53.8	99.8#



#35

Methylcyclohexane

Concen: 0.669 ug/L

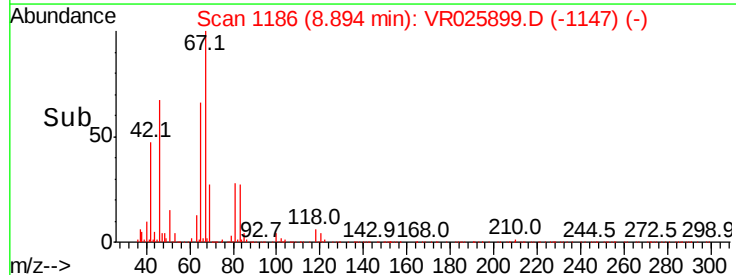
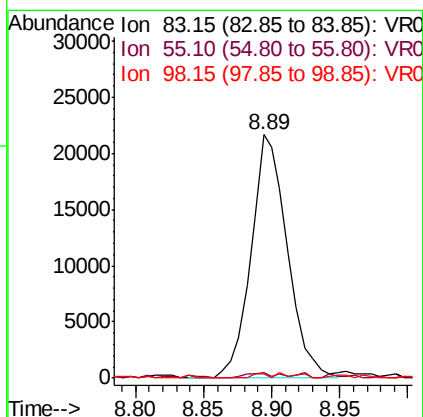
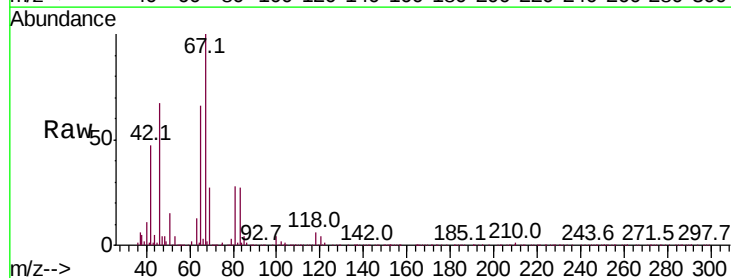
RT: 8.89 min Scan# 1186

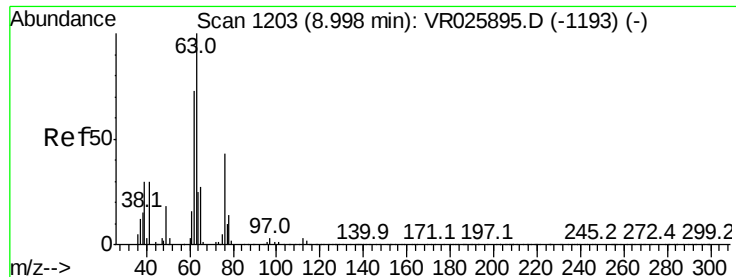
Delta R.T. -0.06 min

Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

Tgt Ion:	83	Resp:	40373
Ion	Ratio	Lower	Upper
83	100		
55	1.8	71.8	107.6#
98	0.9	34.2	51.4#





#37

1,2-Dichloropropane

Concen: 0.684 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

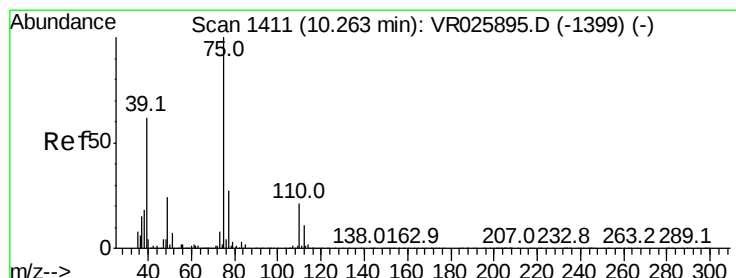
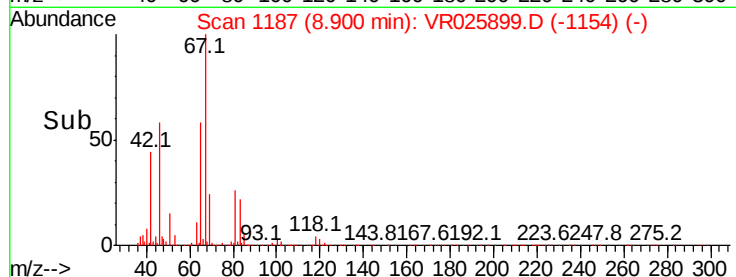
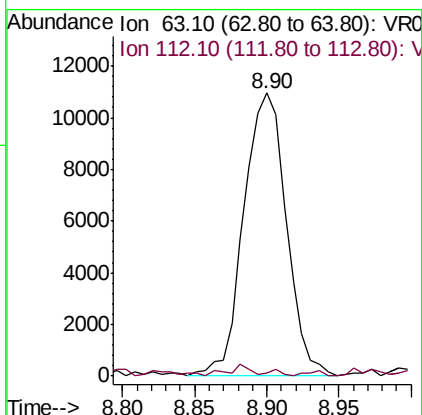
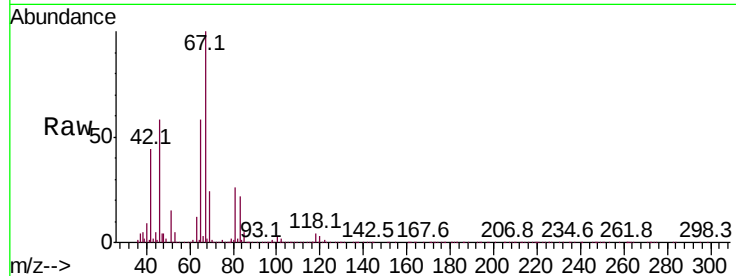
Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 22350

Ion	Ratio	Lower	Upper
63	100		
112	2.1	2.5	3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 10.24 min Scan# 1407

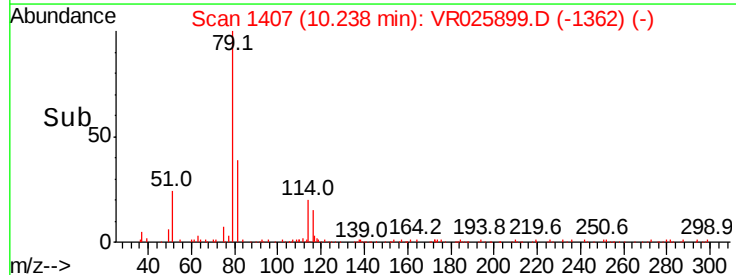
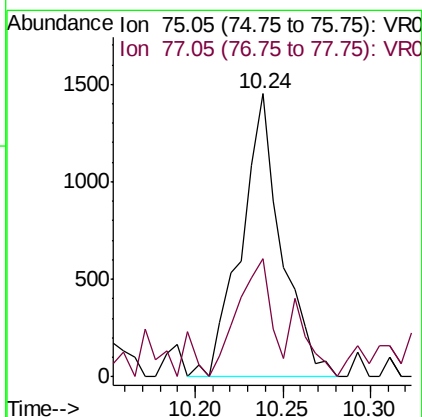
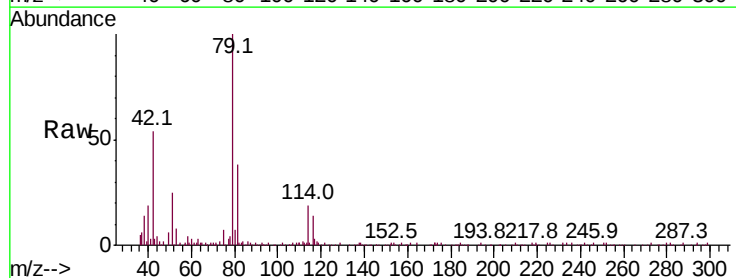
Delta R.T. -0.02 min

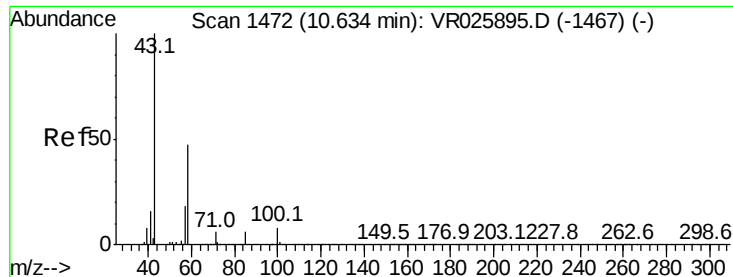
Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

Tgt Ion: 75 Resp: 2299

Ion	Ratio	Lower	Upper
75	100		
77	41.8	23.0	42.8





#48

2-Hexanone

Concen: 3.277 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025899.D

Acq: 28 Sep 2018 14:10

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 24666

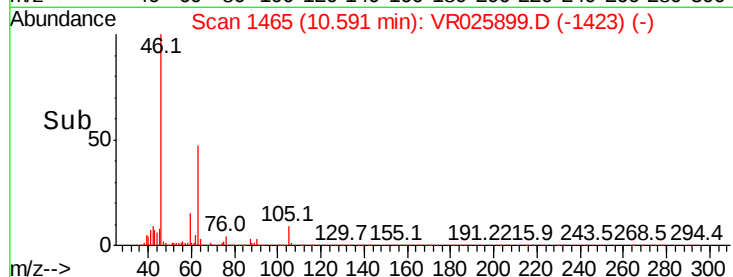
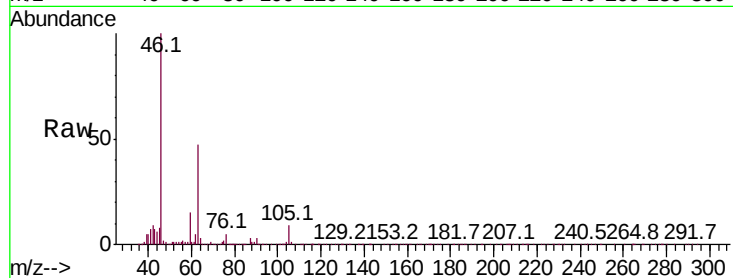
Ion Ratio Lower Upper

43 100

58 23.9 39.5 59.3#

57 23.6 14.6 21.8#

100 4.1 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

