

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025880.D
 Acq On : 27 Sep 2018 18:56
 Operator : SY/MD
 Sample : J5119-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:45:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	533562	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	426385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	143268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	198918	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	2.63	69	158978	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	3.63	63	345324	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	6.59	46	236612	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	7.20	84	328580	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	7.90	65	147203	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.85	84	692056	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	8.90	67	184194	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	9.97	98	623180	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.23	79	37650	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	172233	52.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71013	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	109245	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

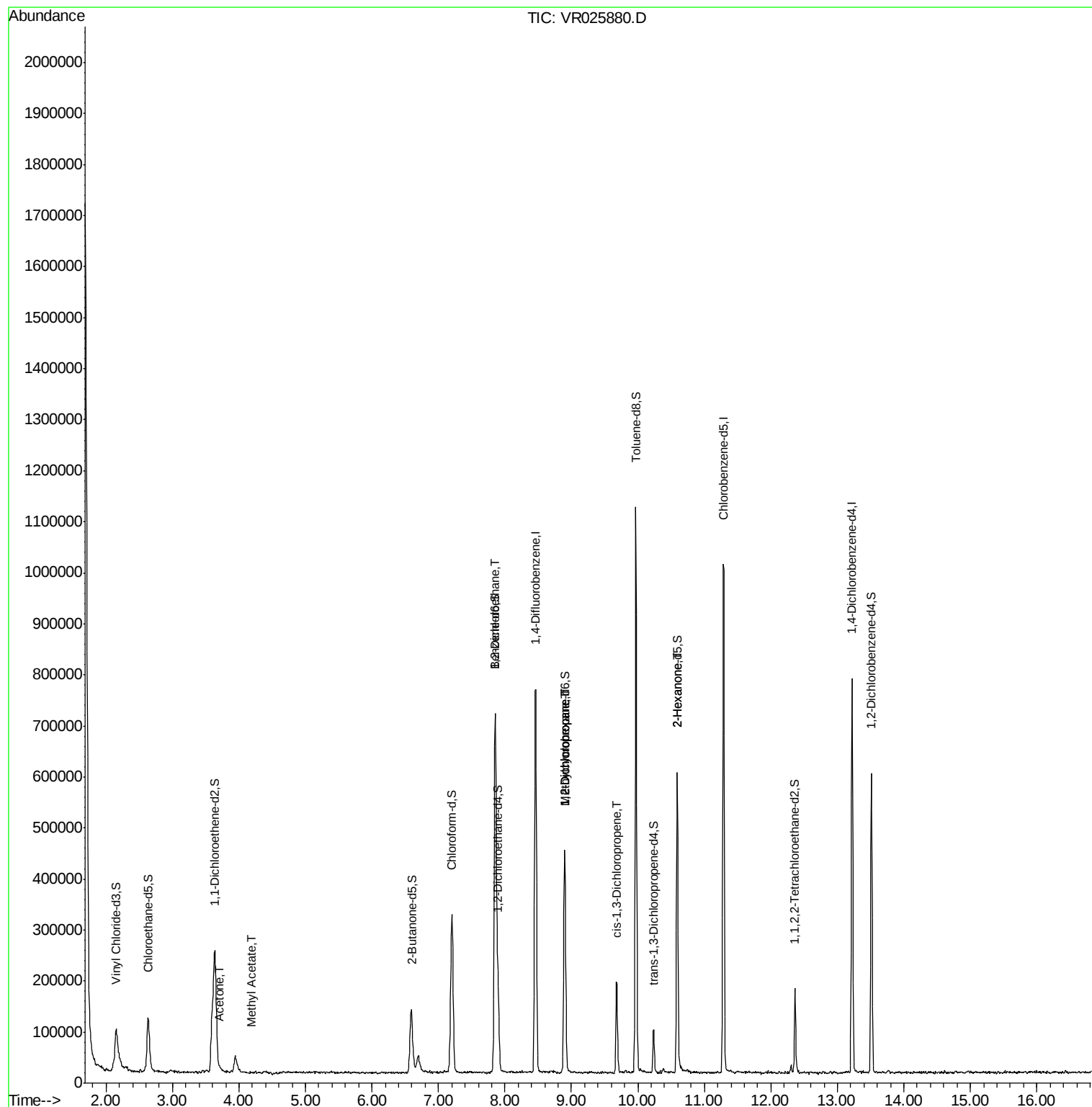
					Ovalue
13) Acetone	3.71	43	4150	1.221 ug/L	75
15) Methyl Acetate	4.19	43	806	0.086 ug/L	92
27) 1,2-Dichloroethane	7.85	62	5263	0.164 ug/L	97
35) Methylcyclohexane	8.90	83	41688	0.736 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	23862	0.778 ug/L #	95
39) cis-1,3-Dichloropropene	9.68	75	6044	0.176 ug/L	92
48) 2-Hexanone	10.59	43	24382	3.452 ug/L #	71

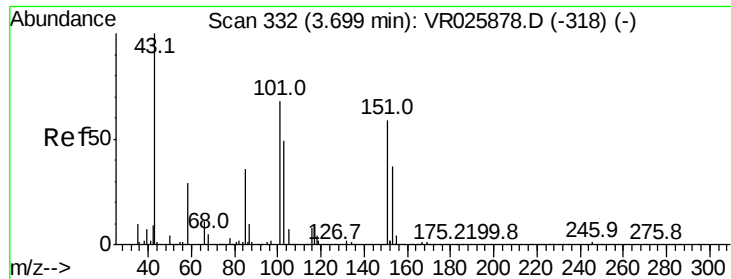
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 05:44:06 2018
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#13

Acetone

Concen: 1.221 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025880.D

Acq: 27 Sep 2018 18:56

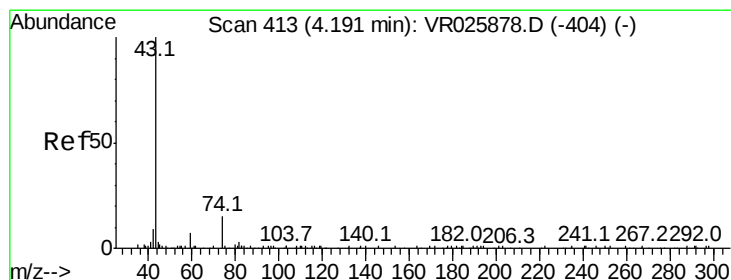
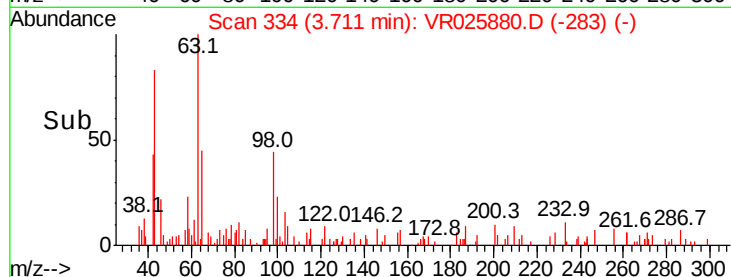
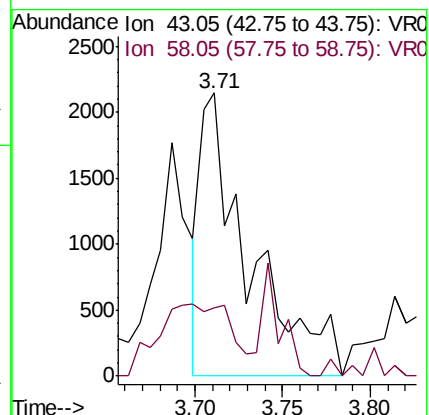
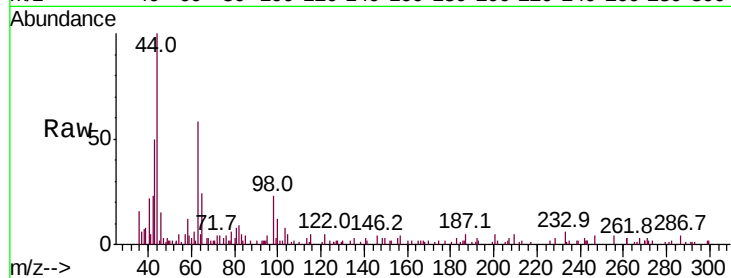
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 4150

Ion Ratio Lower Upper

43 100

58 38.2 0.0 51.4



#15

Methyl Acetate

Concen: 0.086 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.01 min

Lab File: VR025880.D

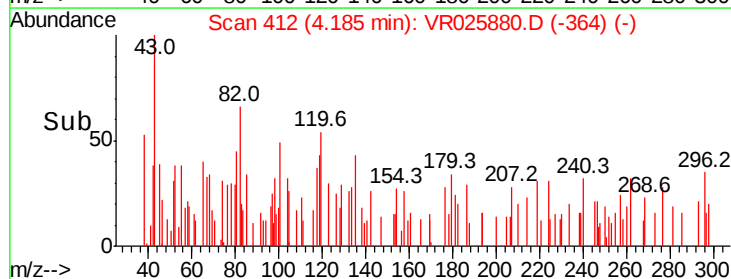
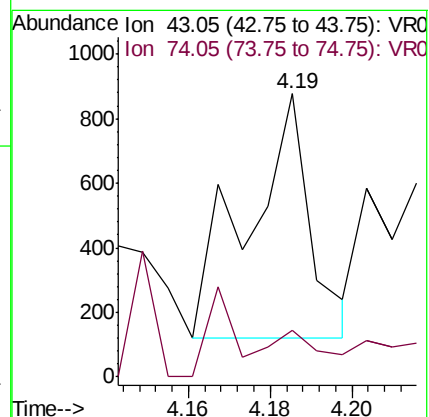
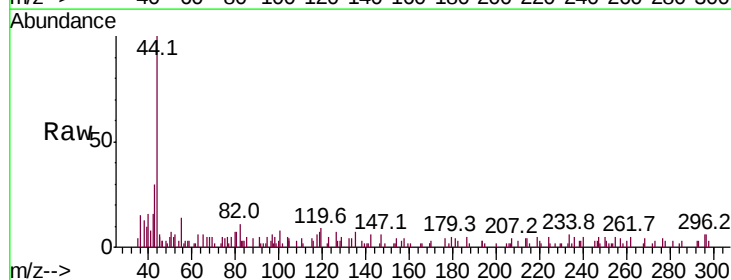
Acq: 27 Sep 2018 18:56

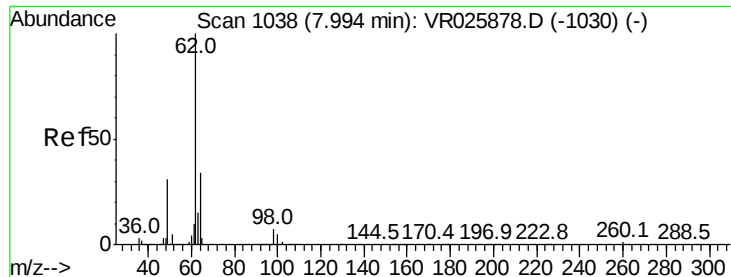
Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

74 19.7 19.0 28.4





#27

1,2-Dichloroethane

Concen: 0.164 ug/L

RT: 7.85 min Scan# 1015

Delta R.T. -0.14 min

Lab File: VR025880.D

Acq: 27 Sep 2018 18:56

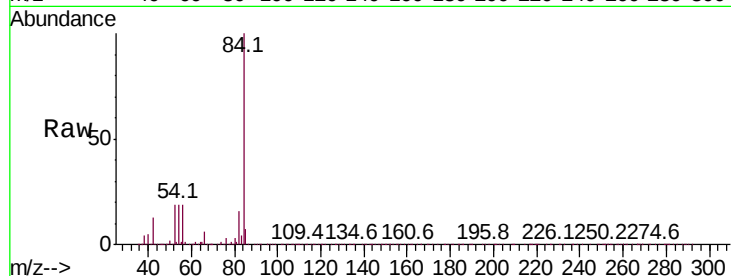
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 62 Resp: 5263

Ion Ratio Lower Upper

62 100

98 7.5 5.2 7.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

2500

2000

1500

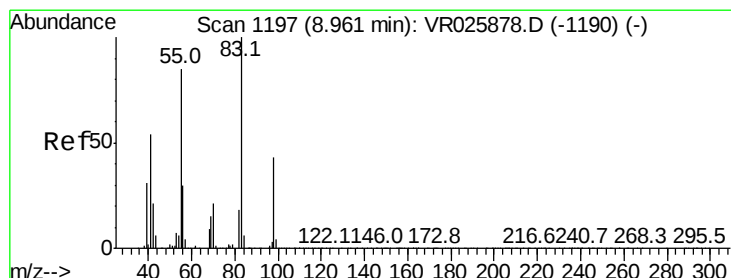
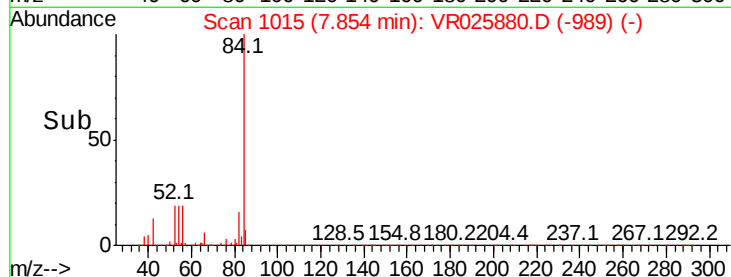
1000

500

0

7.80 7.85 7.90 7.95

Time-->



#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.06 min

Lab File: VR025880.D

Acq: 27 Sep 2018 18:56

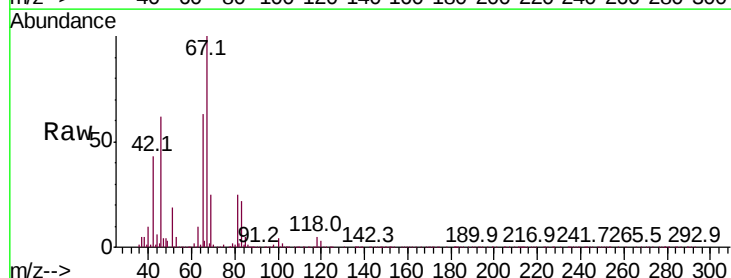
Tgt Ion: 83 Resp: 41688

Ion Ratio Lower Upper

83 100

55 1.6 71.8 107.6#

98 2.8 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

30000

25000

20000

15000

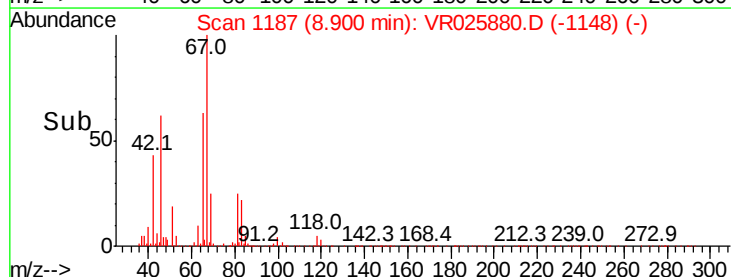
10000

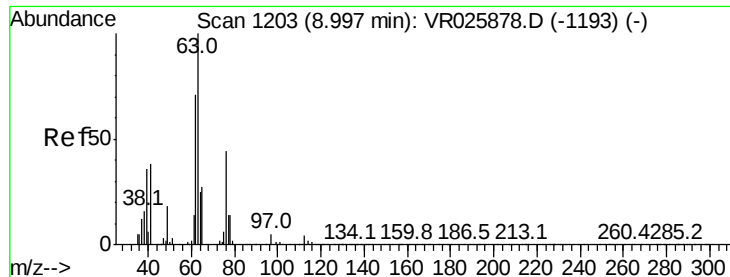
5000

0

8.80 8.85 8.90 8.95

Time-->





#37

1,2-Dichloropropane

Concen: 0.778 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025880.D

Acq: 27 Sep 2018 18:56

Instrument :

MSVOA_R

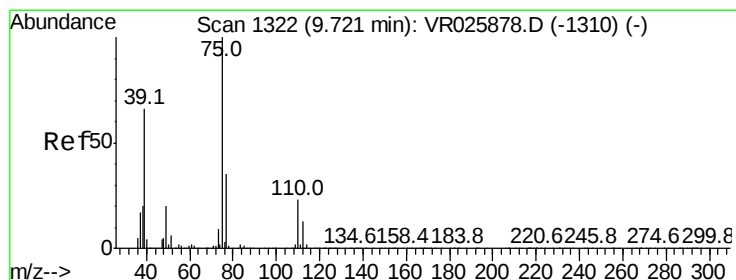
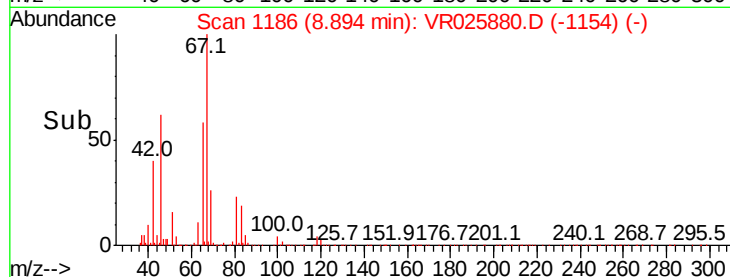
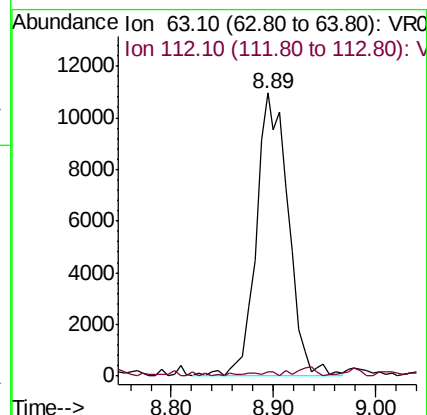
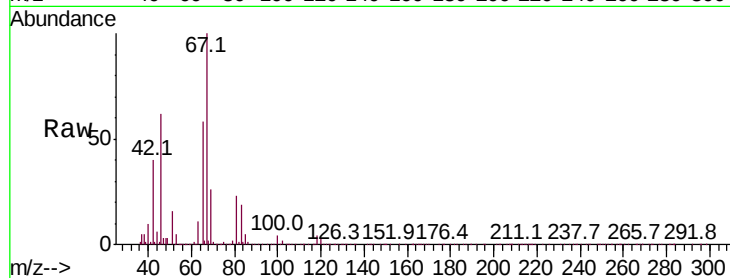
ClientSampleId :

Tot Ion: 63 Resp: 23862

Ion Ratio Lower Upper

63 100

112 1.4 2.5 3.7#



#39

cis-1,3-Dichloropropene

Concen: 0.176 ug/L

RT: 9.68 min Scan# 1316

Delta R.T. -0.04 min

Lab File: VR025880.D

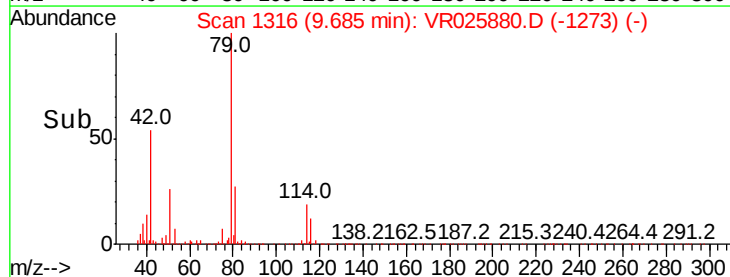
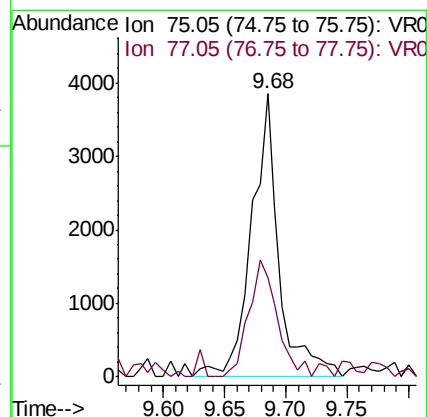
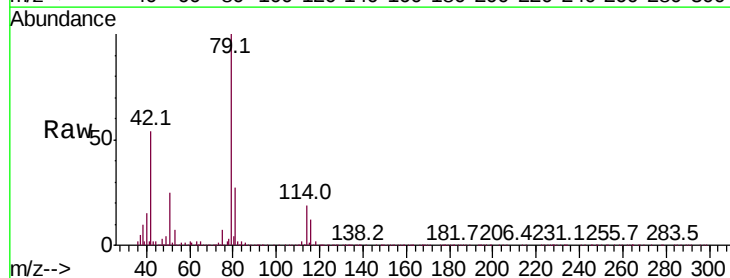
Acq: 27 Sep 2018 18:56

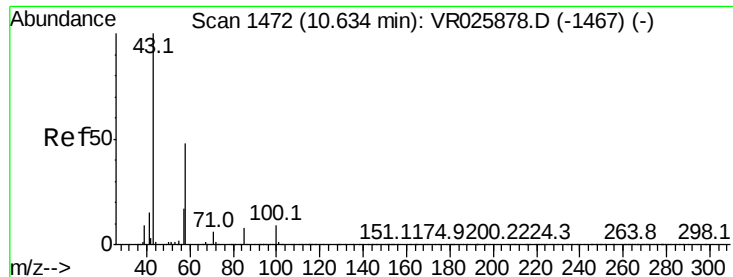
Tgt Ion: 75 Resp: 6044

Ion Ratio Lower Upper

75 100

77 34.9 21.5 39.9





#48

2-Hexanone

Concen: 3.452 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

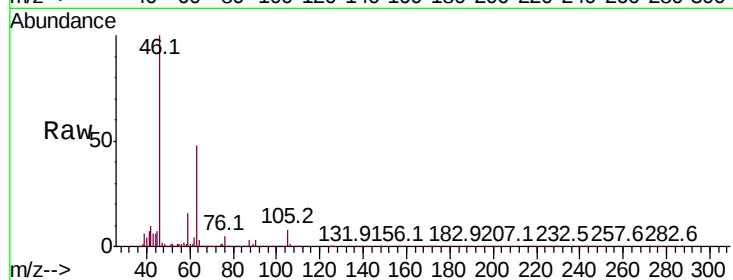
Lab File: VR025880.D

Acq: 27 Sep 2018 18:56

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:	43	Resp:	24382
Ion	Ratio	Lower	Upper
43	100		
58	26.5	39.5	59.3#
57	26.9	14.6	21.8#
100	1.2	6.7	10.1#

