

Data File : VR026180.D
Acq On : 5 Nov 2018 15:14
Operator : SY/MD
Sample : J5802-13
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BD9

Quant Time: Nov 06 03:22:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	575316	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	478645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146389	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	212444	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	2.63	69	202116	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	3.60	63	414771	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	6.59	46	178229	43.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	7.20	84	345370	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.90	65	141424	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.85	84	693897	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	8.90	67	183047	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	9.97	98	656889	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.23	79	42838	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	10.59	63	138780	46.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69186	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	119845	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

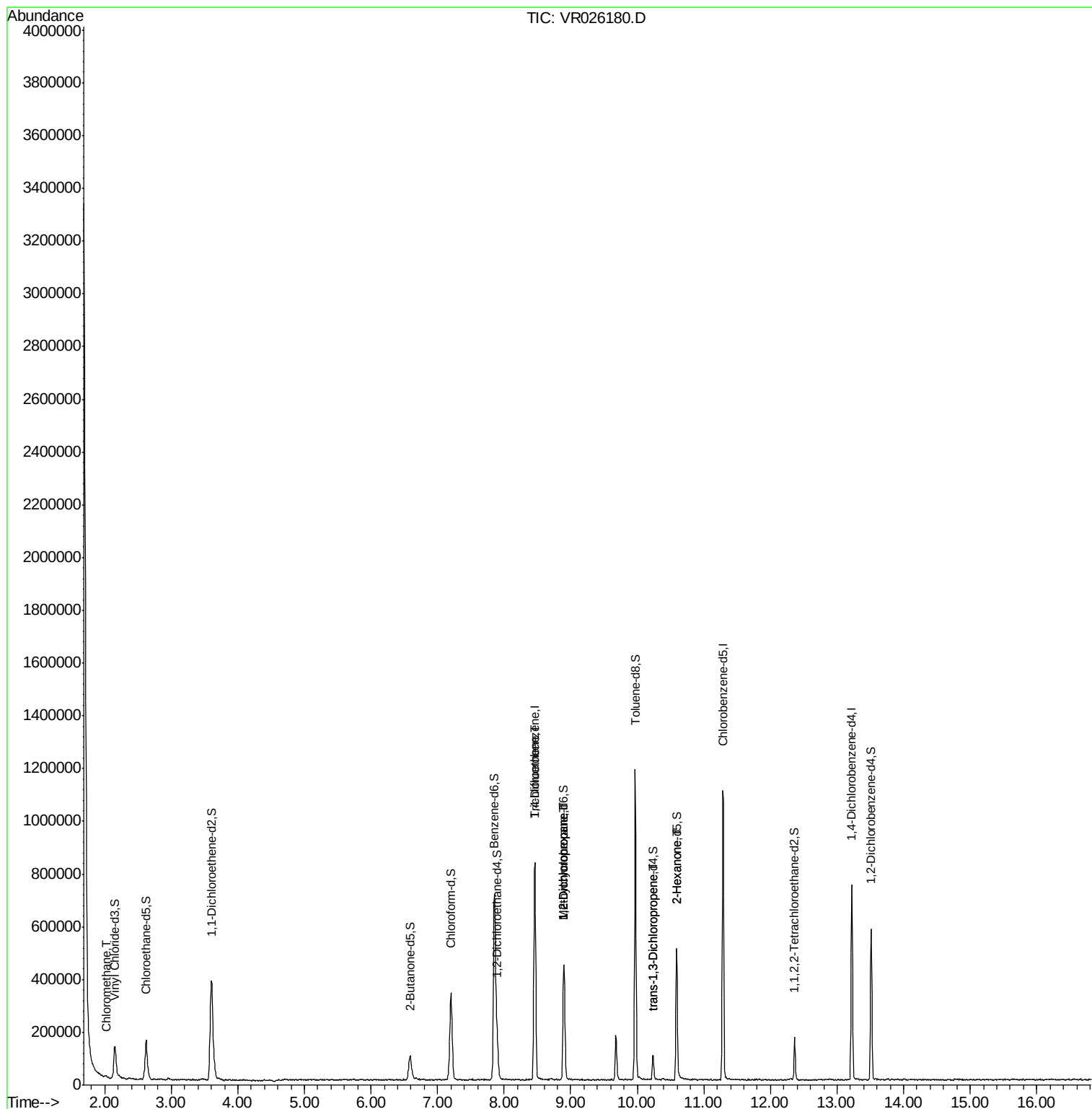
					Qvalue
3) Chloromethane	2.02	50	12812	0.209 ug/L	95
34) Trichloroethene	8.46	95	18904	0.411 ug/L #	10
35) Methylcyclohexane	8.90	83	44725	0.654 ug/L #	19
37) 1,2-Dichloropropane	8.89	63	23501	0.620 ug/L #	93
44) trans-1,3-Dichloropropene	10.24	75	3189	0.105 ug/L	91
48) 2-Hexanone	10.59	43	23105	3.057 ug/L #	68

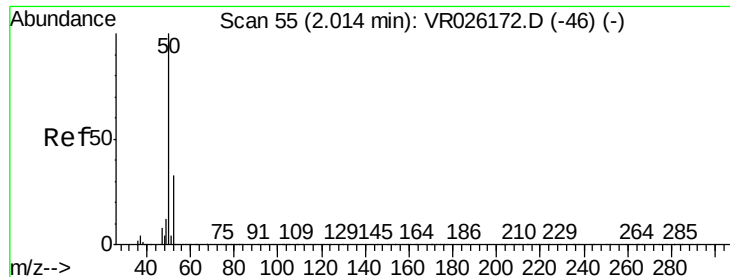
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.209 ug/L

RT: 2.02 min Scan# 56

Delta R.T. 0.01 min

Lab File: VR026180.D

Acq: 5 Nov 2018 15:14

Instrument :

MSVOA_R

ClientSampled :

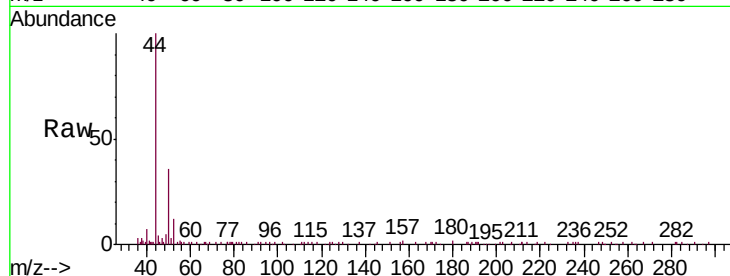
C0BD9

Tgt Ion: 50 Resp: 12812

Ion Ratio Lower Upper

50 100

52 34.1 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0

2.02

5000

4000

3000

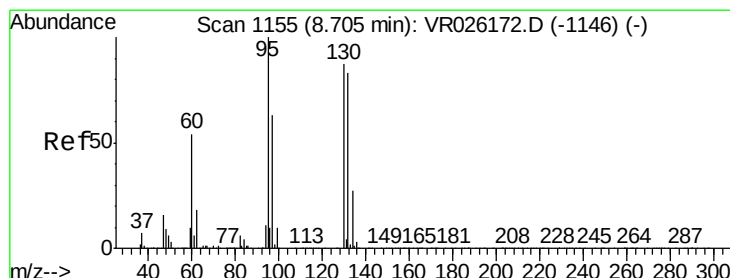
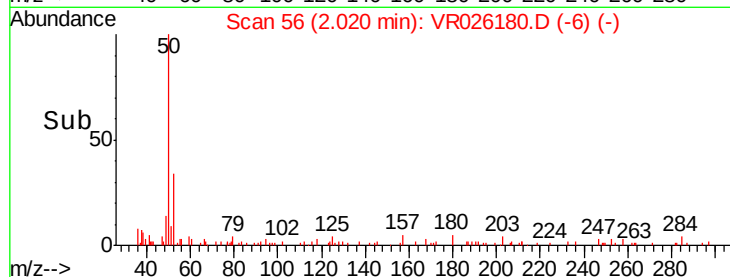
2000

1000

0

1.90 1.95 2.00 2.05 2.10

Time-->



#34

Trichloroethene

Concen: 0.411 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026180.D

Acq: 5 Nov 2018 15:14

Tgt Ion: 95 Resp: 18904

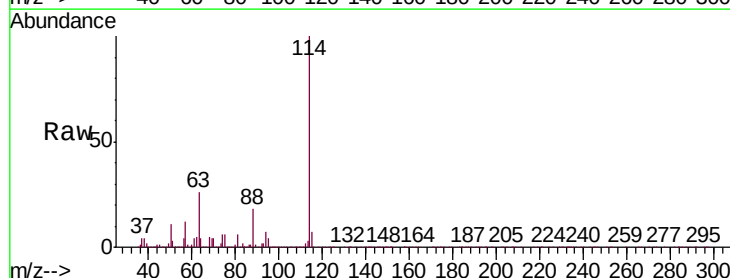
Ion Ratio Lower Upper

95 100

97 1.8 45.7 84.9#

132 1.6 58.3 108.3#

130 0.5 64.0 119.0#



Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

15000

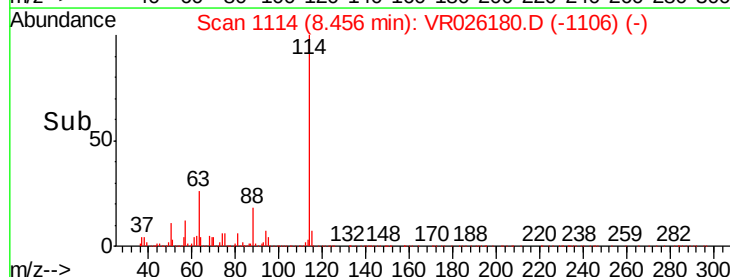
10000

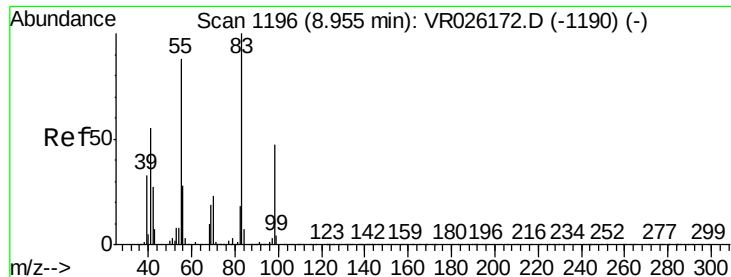
5000

0

8.40 8.45 8.50

Time-->





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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Instrument :

MSVOA_R

ClientSampleId :

C0BD9

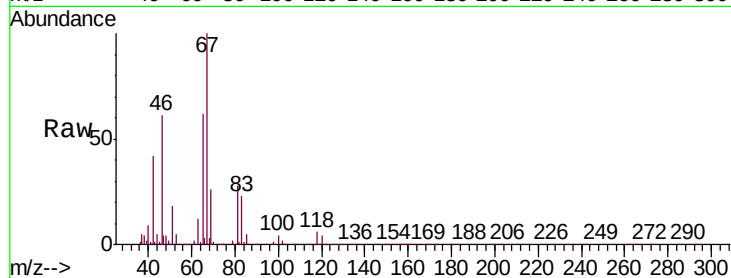
Tgt Ion: 83 Resp: 44725

Ion Ratio Lower Upper

83 100

55 1.5 66.8 100.2#

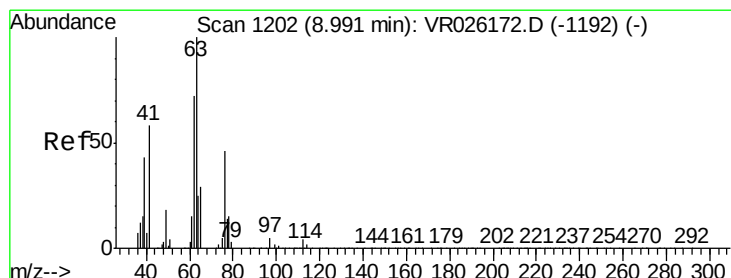
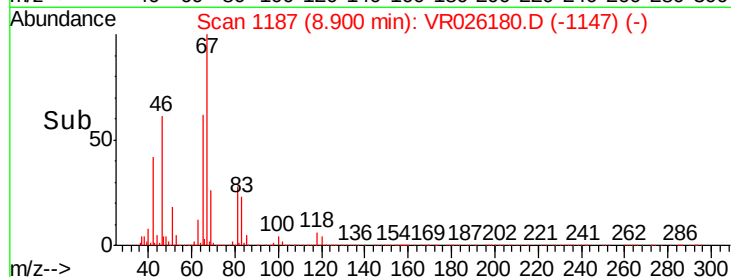
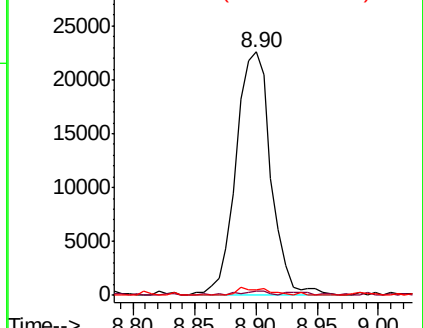
98 2.7 35.2 52.8#



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



#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

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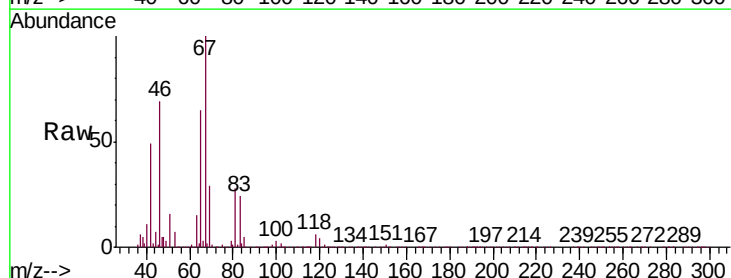
Acq: 5 Nov 2018 15:14

Tgt Ion: 63 Resp: 23501

Ion Ratio Lower Upper

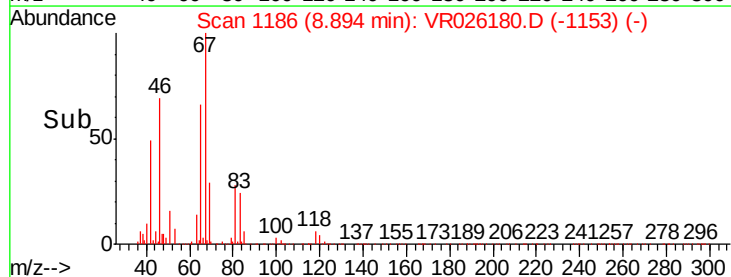
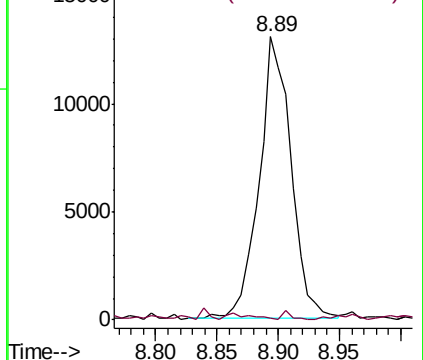
63 100

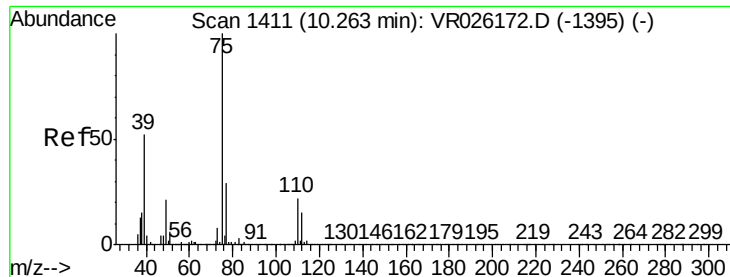
112 1.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026180.D

Acq: 5 Nov 2018 15:14

Instrument :

MSVOA_R

ClientSampled :

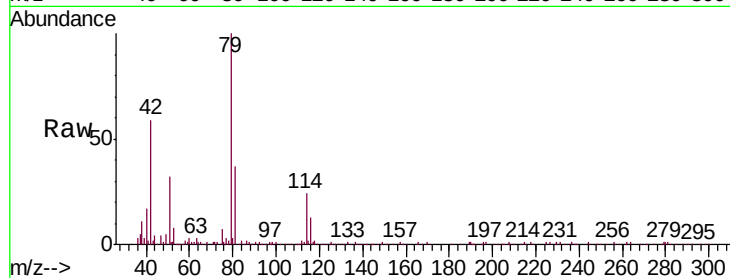
C0BD9

Tgt Ion: 75 Resp: 3189

Ion Ratio Lower Upper

75 100

77 39.5 24.1 44.7



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.24

2000

1500

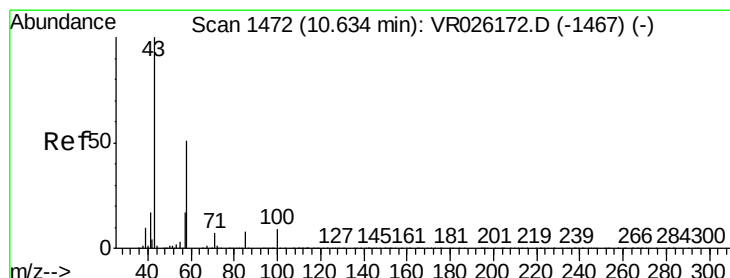
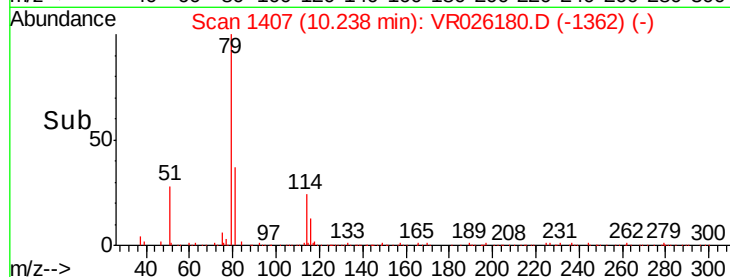
1000

500

0

10.15 10.20 10.25 10.30

Time-->



#48

2-Hexanone

Concen: 3.057 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026180.D

Acq: 5 Nov 2018 15:14

Tgt Ion: 43 Resp: 23105

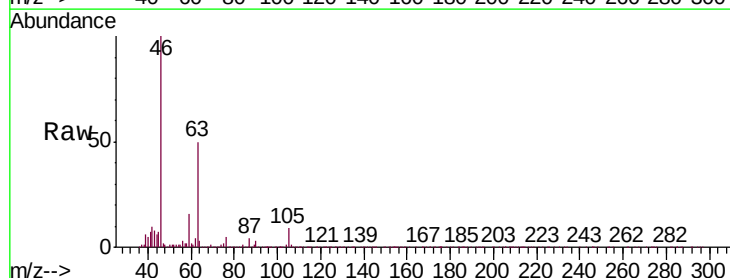
Ion Ratio Lower Upper

43 100

58 26.0 39.6 59.4#

57 33.6 14.0 21.0#

100 4.8 7.0 10.6#



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

10.50 10.60 10.70

Time-->

