

Data File : VR026370.D
Acq On : 25 Feb 2019 12:01
Operator : SY/MD
Sample : VR0225WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK85

Quant Time: Feb 26 06:20:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	680221	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	557523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	178304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	283121	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	2.62	69	227517	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	3.60	63	531710	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.58	46	239110	49.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	7.20	84	474965	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	7.89	65	199818	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	7.85	84	935213	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	8.89	67	240257	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	9.96	98	853276	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.23	79	60726	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	193267	54.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	82925	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	163469	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

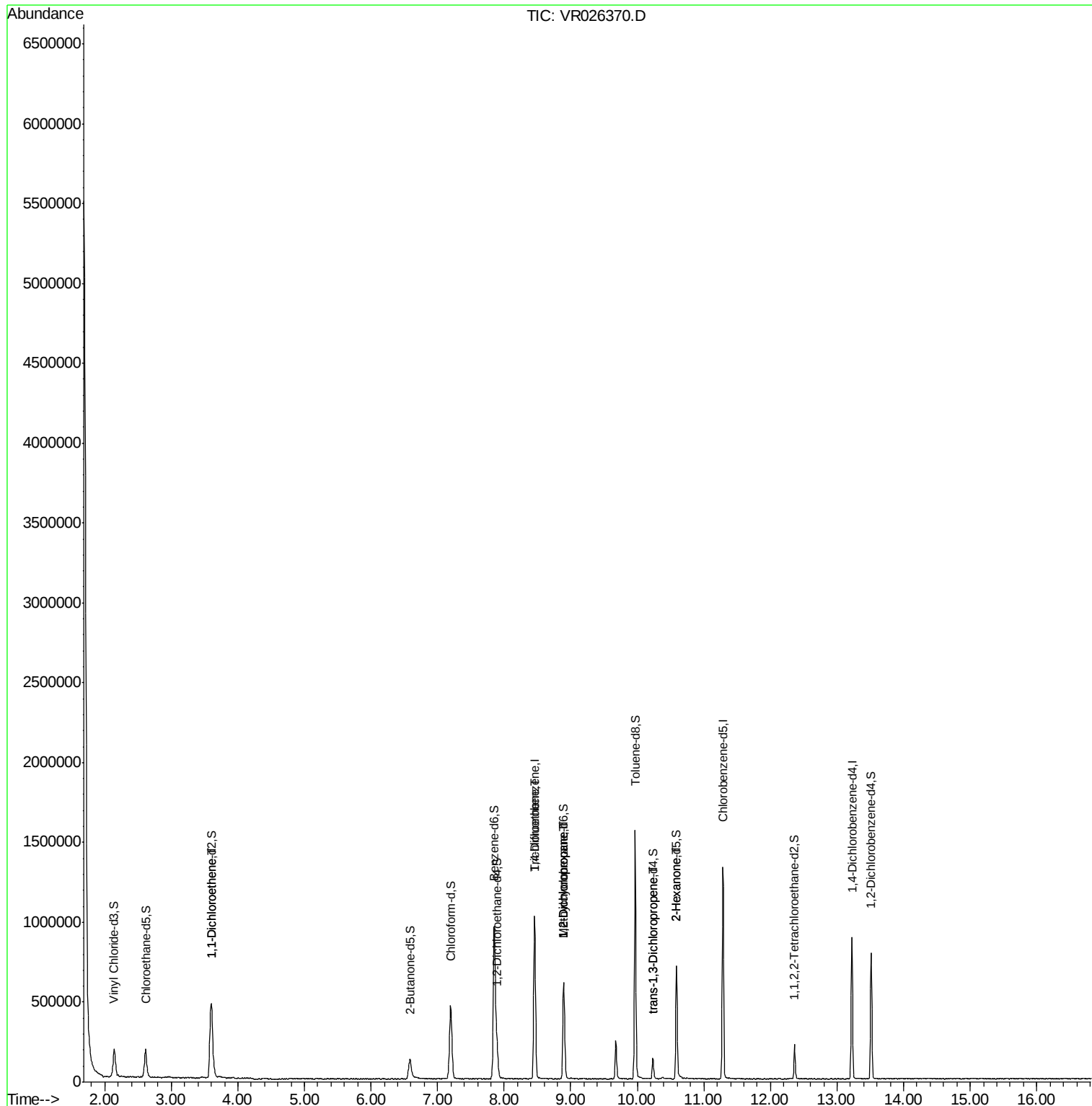
					Qvalue
12) 1,1-Dichloroethene	3.61	96	5809	0.098 ug/L #	1
34) Trichloroethene	8.46	95	24410	0.453 ug/L #	12
35) Methylcyclohexane	8.89	83	58733	0.768 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	32595	0.716 ug/L #	88
44) trans-1,3-Dichloropropene	10.23	75	3959	0.109 ug/L	99
48) 2-Hexanone	10.59	43	31932	3.715 ug/L #	74

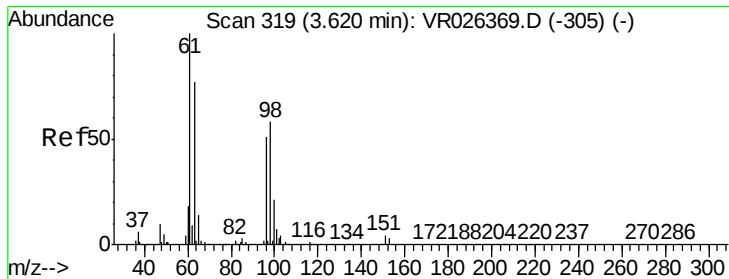
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 3.61 min Scan# 317

Delta R.T. -0.01 min

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Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_R

ClientSampleId :

VBLK85

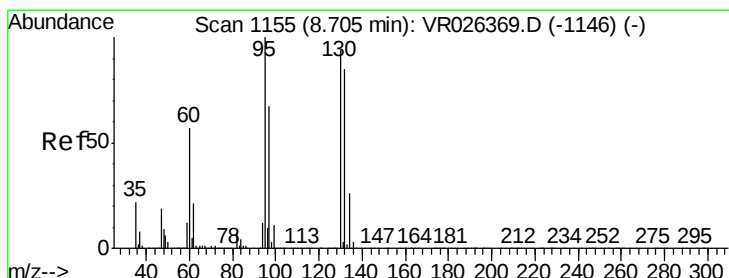
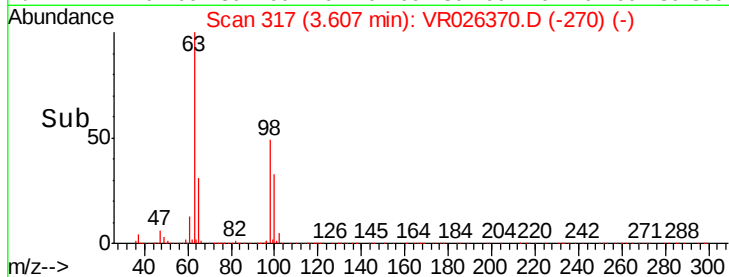
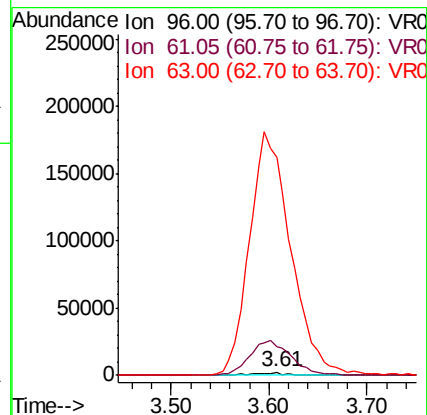
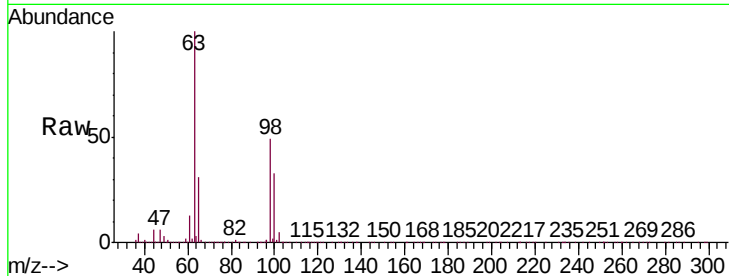
Tgt Ion: 96 Resp: 5809

Ion Ratio Lower Upper

96 100

61 871.2 135.9 252.5#

63 6624.7 136.6 253.6#



#34

Trichloroethene

Concen: 0.453 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026370.D

Acq: 25 Feb 2019 12:01

Tgt Ion: 95 Resp: 24410

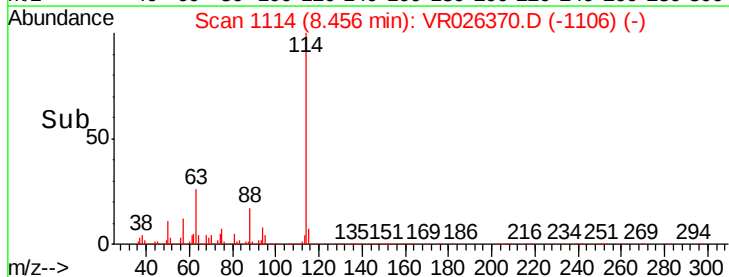
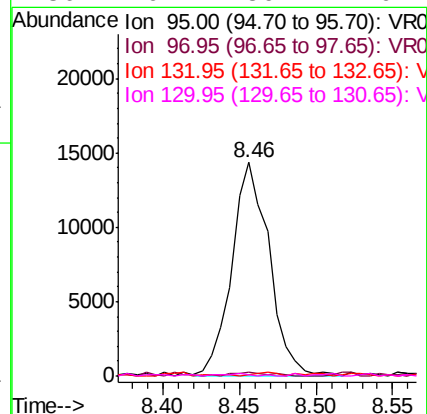
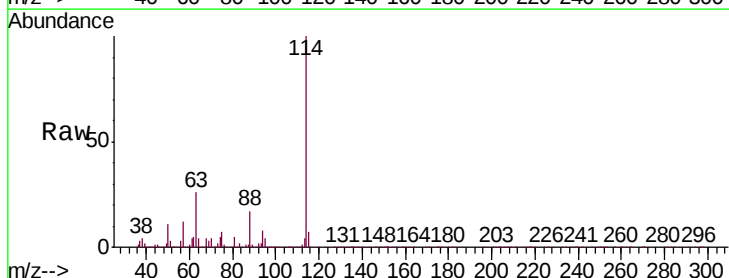
Ion Ratio Lower Upper

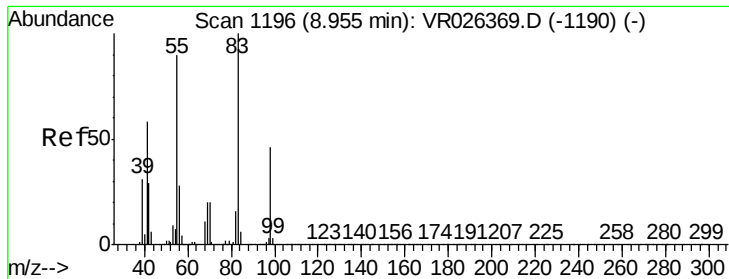
95 100

97 1.9 43.5 80.7#

132 0.5 58.6 108.8#

130 0.7 59.4 110.2#





#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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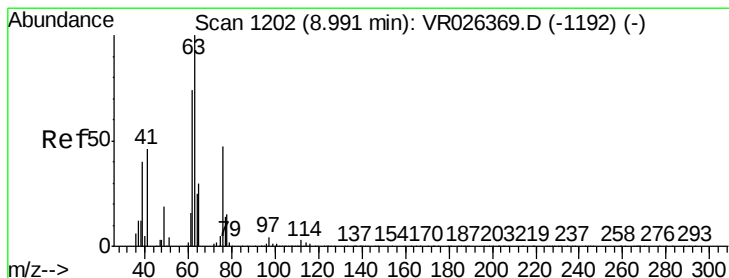
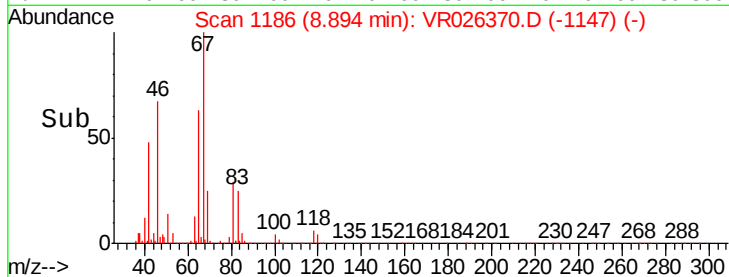
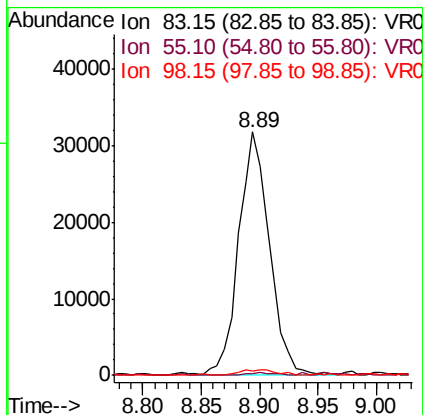
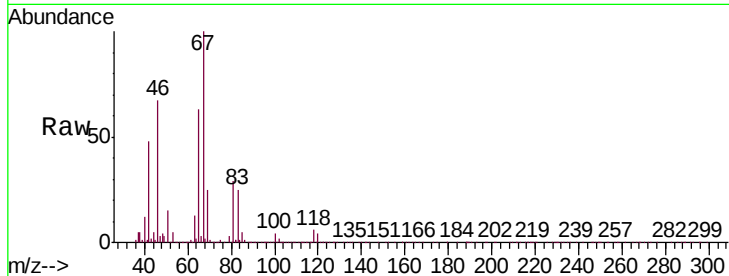
Instrument :

MSVOA_R

ClientSampleId :

VBLK85

Tgt Ion:	83	Resp:	58733
Ion	Ratio	Lower	Upper
83	100		
55	1.1	72.2	108.2#
98	2.6	35.0	52.4#



#37

1,2-Dichloropropane

Concen: 0.716 ug/L

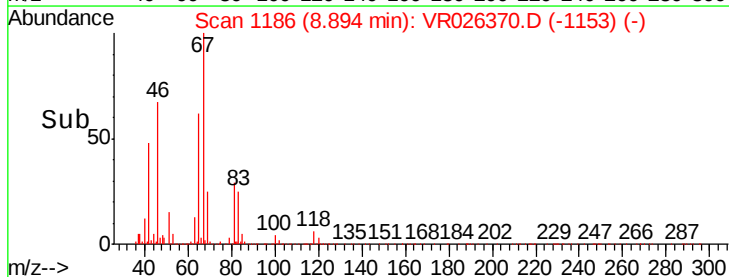
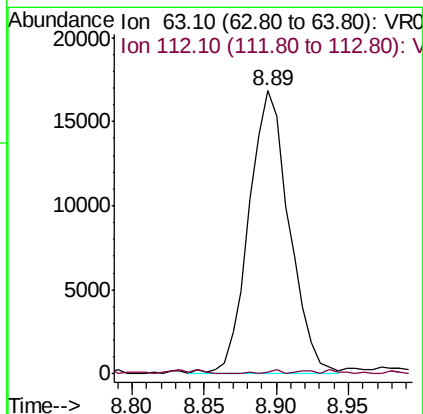
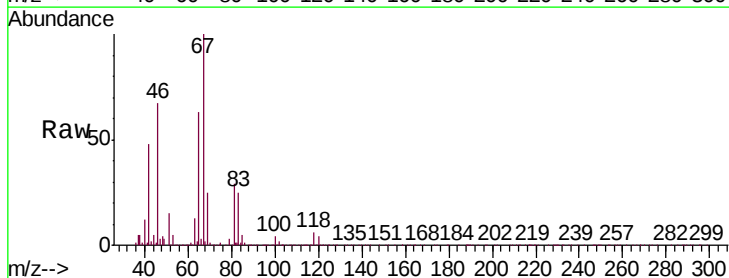
RT: 8.89 min Scan# 1186

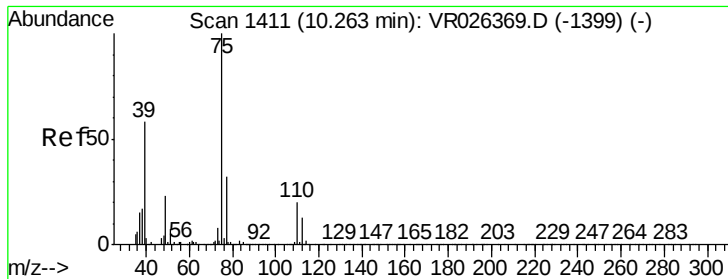
Delta R.T. -0.10 min

Lab File: VR026370.D

Acq: 25 Feb 2019 12:01

Tgt Ion:	63	Resp:	32595
Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.6	5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026370.D

Acq: 25 Feb 2019 12:01

Instrument :

MSVOA_R

ClientSampled :

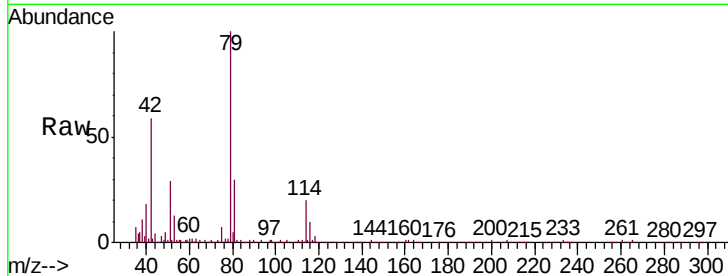
VBLK85

Tgt Ion: 75 Resp: 3959

Ion Ratio Lower Upper

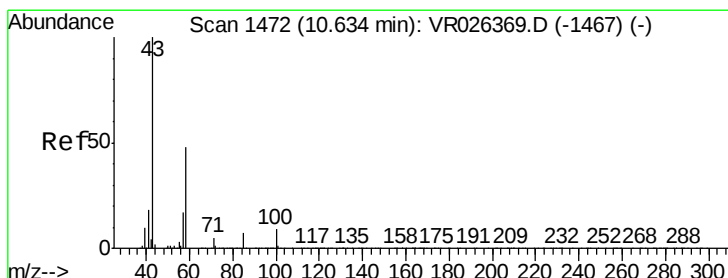
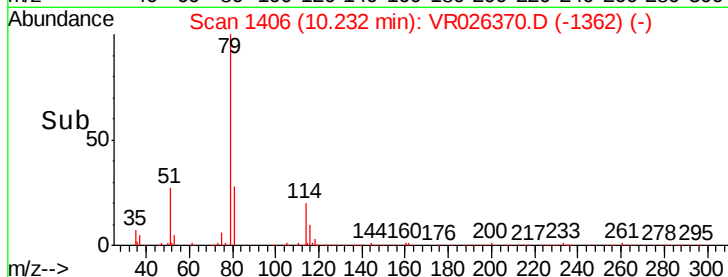
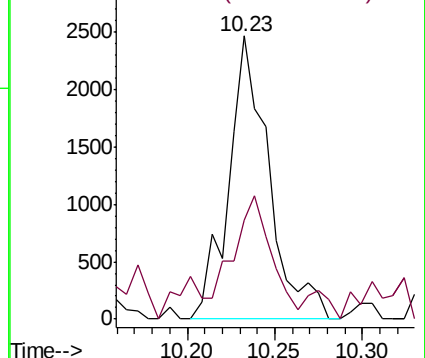
75 100

77 34.9 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#48

2-Hexanone

Concen: 3.715 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026370.D

Acq: 25 Feb 2019 12:01

Tgt Ion: 43 Resp: 31932

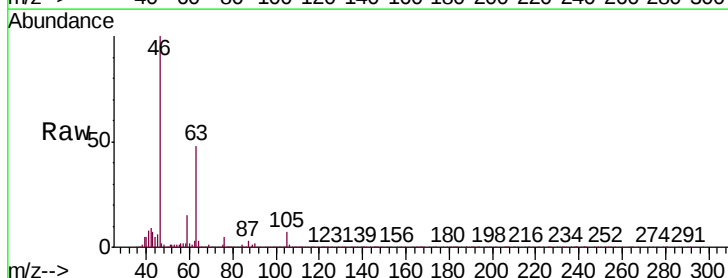
Ion Ratio Lower Upper

43 100

58 29.6 38.4 57.6#

57 27.8 13.2 19.8#

100 2.1 6.3 9.5#



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

