

Data File : VR026372.D
Acq On : 25 Feb 2019 13:14
Operator : SY/MD
Sample : K1589-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09Q2

Quant Time: Feb 26 06:21:06 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	528478	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	447389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	143339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	172875	3.34	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	2.62	69	151816	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	3.60	63	346244	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	6.58	46	177295	46.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	7.19	84	353914	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	7.89	65	147615	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	7.85	84	633902	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
36) 1,2-Dichloropropane-d6	8.89	67	173436	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	9.96	98	546054	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	10.24	79	39349	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	10.59	63	155454	54.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68041	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	119178	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

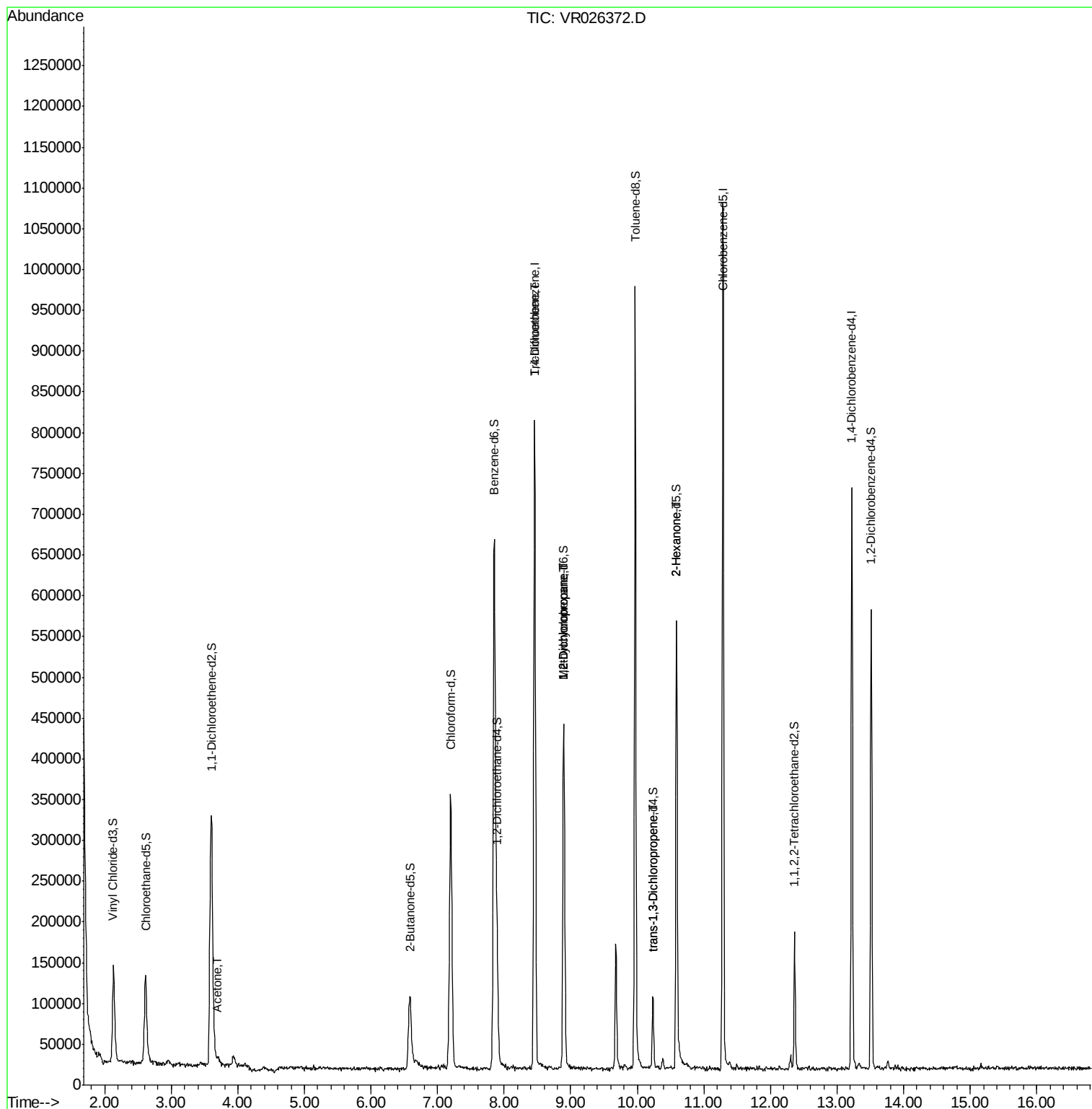
					Qvalue
13) Acetone	3.70	43	10170	2.996 ug/L	96
34) Trichloroethene	8.46	95	18416	0.426 ug/L #	11
35) Methylcyclohexane	8.90	83	41340	0.674 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22846	0.626 ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	2985	0.103 ug/L	91
48) 2-Hexanone	10.59	43	24508	3.553 ug/L #	74

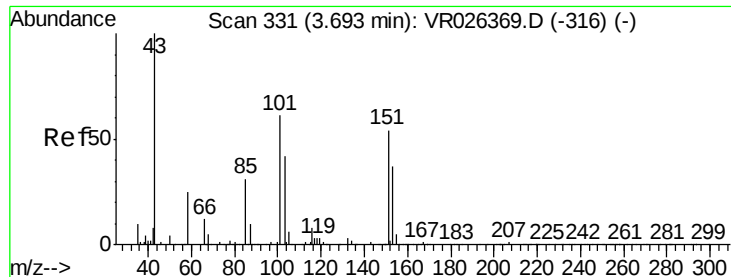
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.996 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

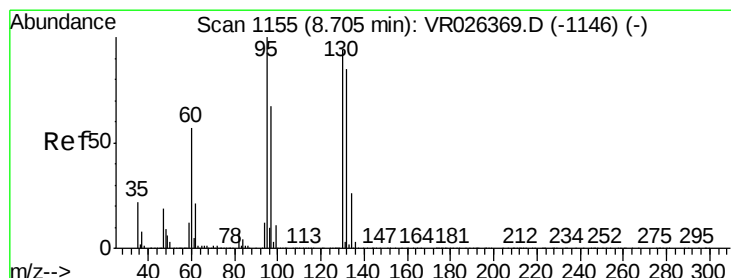
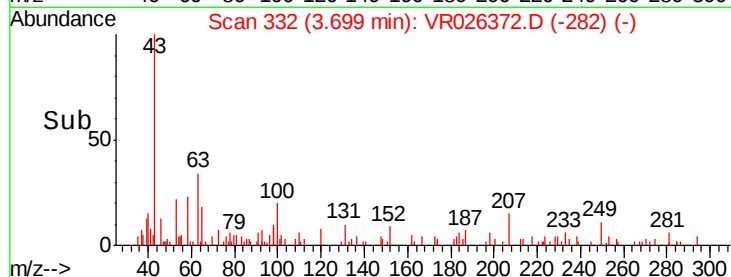
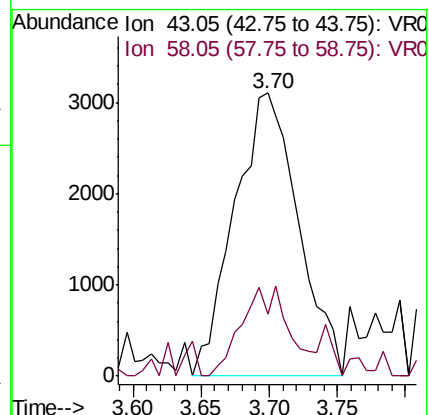
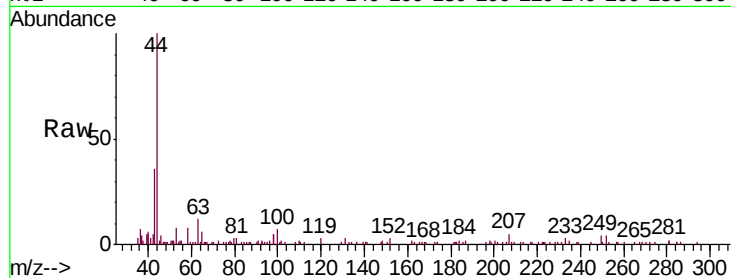
C09Q2

Tgt Ion: 43 Resp: 10170

Ion Ratio Lower Upper

43 100

58 23.9 0.0 52.2



#34

Trichloroethene

Concen: 0.426 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Acq: 25 Feb 2019 13:14

Tgt Ion: 95 Resp: 18416

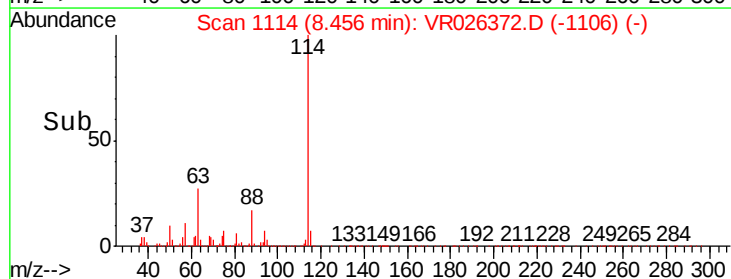
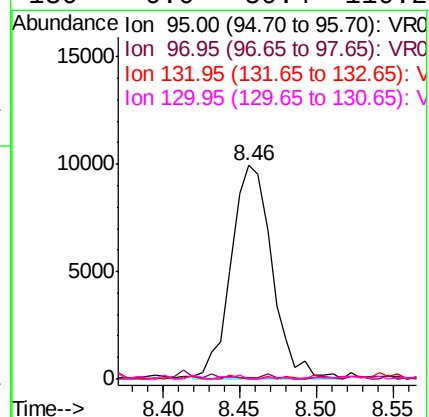
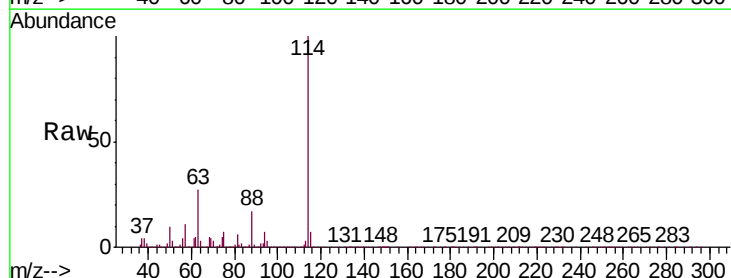
Ion Ratio Lower Upper

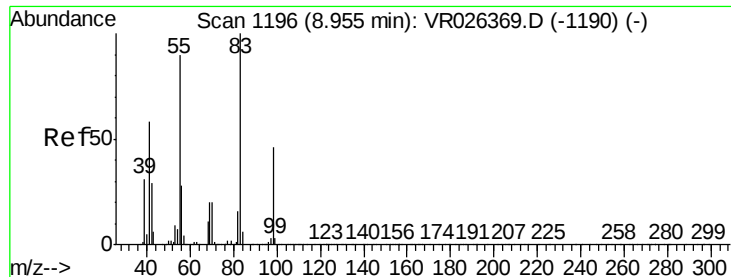
95 100

97 0.7 43.5 80.7#

132 0.0 58.6 108.8#

130 0.0 59.4 110.2#

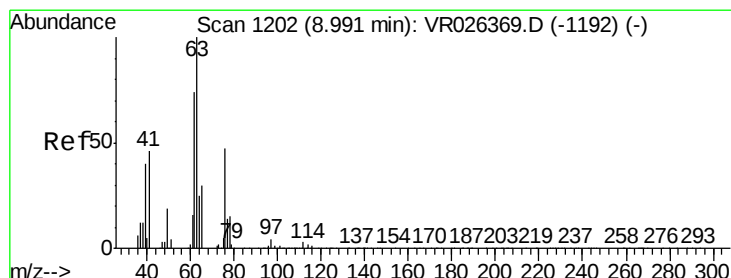
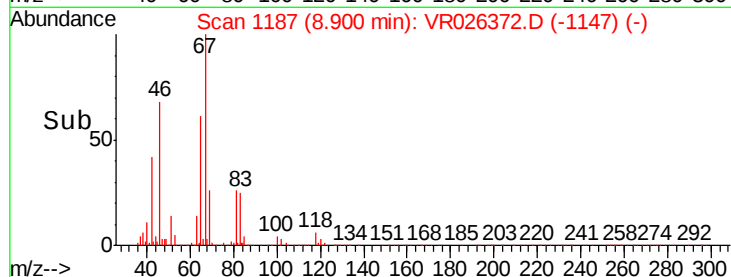
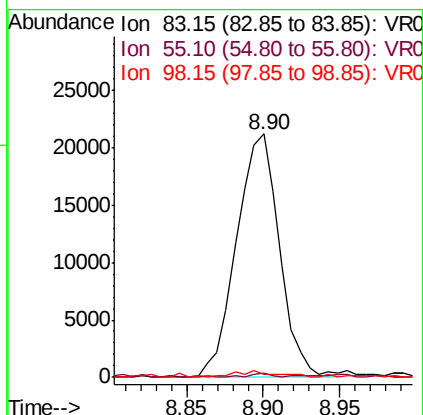
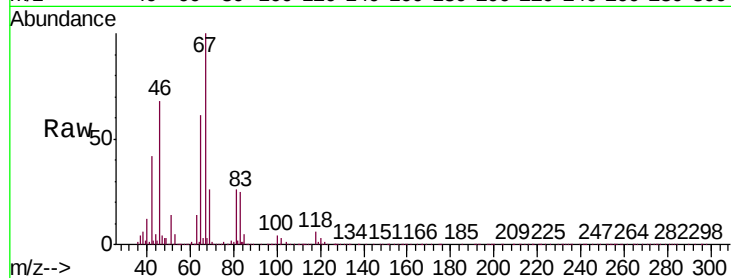




#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
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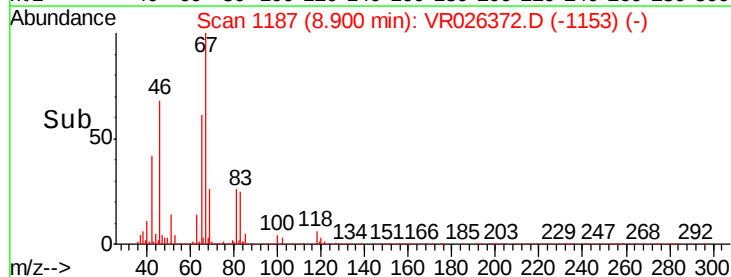
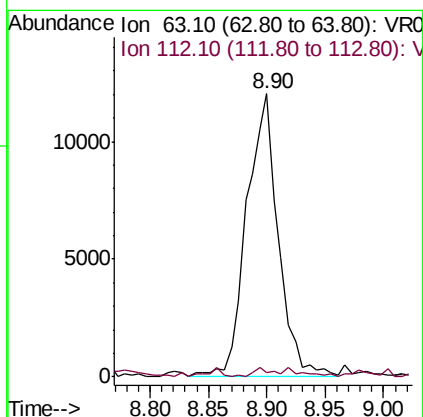
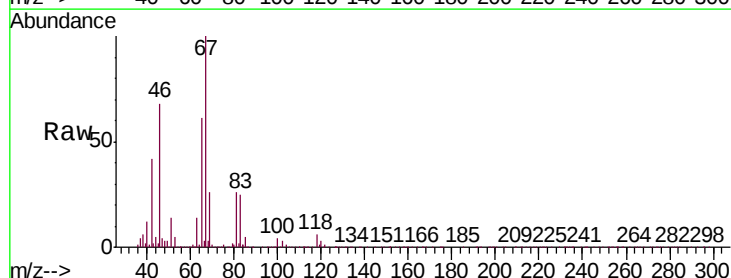
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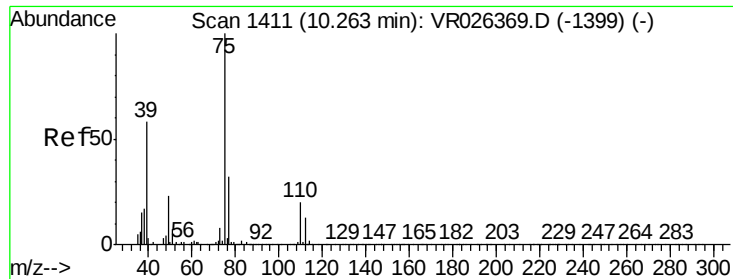
Tgt Ion: 83 Resp: 41340
Ion Ratio Lower Upper
83 100
55 0.8 72.2 108.2#
98 2.6 35.0 52.4#



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026372.D
Acq: 25 Feb 2019 13:14

Tgt Ion: 63 Resp: 22846
Ion Ratio Lower Upper
63 100
112 1.9 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026372.D

Acq: 25 Feb 2019 13:14

Instrument :

MSVOA_R

ClientSampleId :

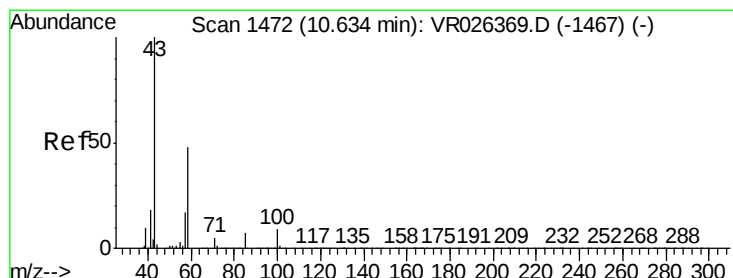
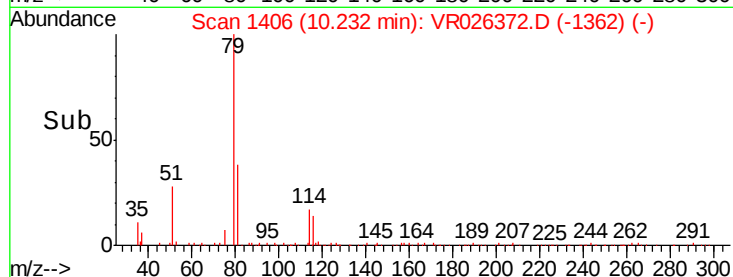
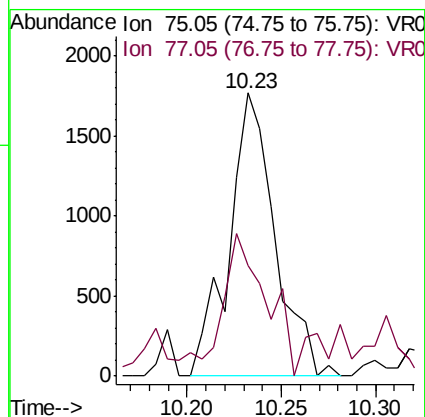
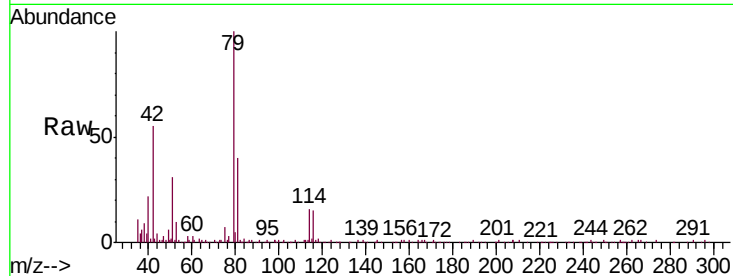
C09Q2

Tgt Ion: 75 Resp: 2985

Ion Ratio Lower Upper

75 100

77 39.0 23.9 44.3



#48

2-Hexanone

Concen: 3.553 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026372.D

Acq: 25 Feb 2019 13:14

Tgt Ion: 43 Resp: 24508

Ion Ratio Lower Upper

43 100

58 29.1 38.4 57.6#

57 27.6 13.2 19.8#

100 2.9 6.3 9.5#

