

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040619\
 Data File : VR026484.D
 Acq On : 6 Apr 2019 20:20
 Operator : SY/MD
 Sample : K2282-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZ04

Quant Time: Apr 06 23:37:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 23:34:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	535028	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	442339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	148415	3.65	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	2.62	69	132877	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	3.60	63	307085	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	6.59	46	162667	44.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.76%
24) Chloroform-d	7.20	84	318303	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	7.89	65	140309	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	7.85	84	557210	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	8.89	67	160421	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	9.97	98	483009	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	10.23	79	26948	2.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.60%
46) 2-Hexanone-d5	10.59	63	130301	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61169	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	97736	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

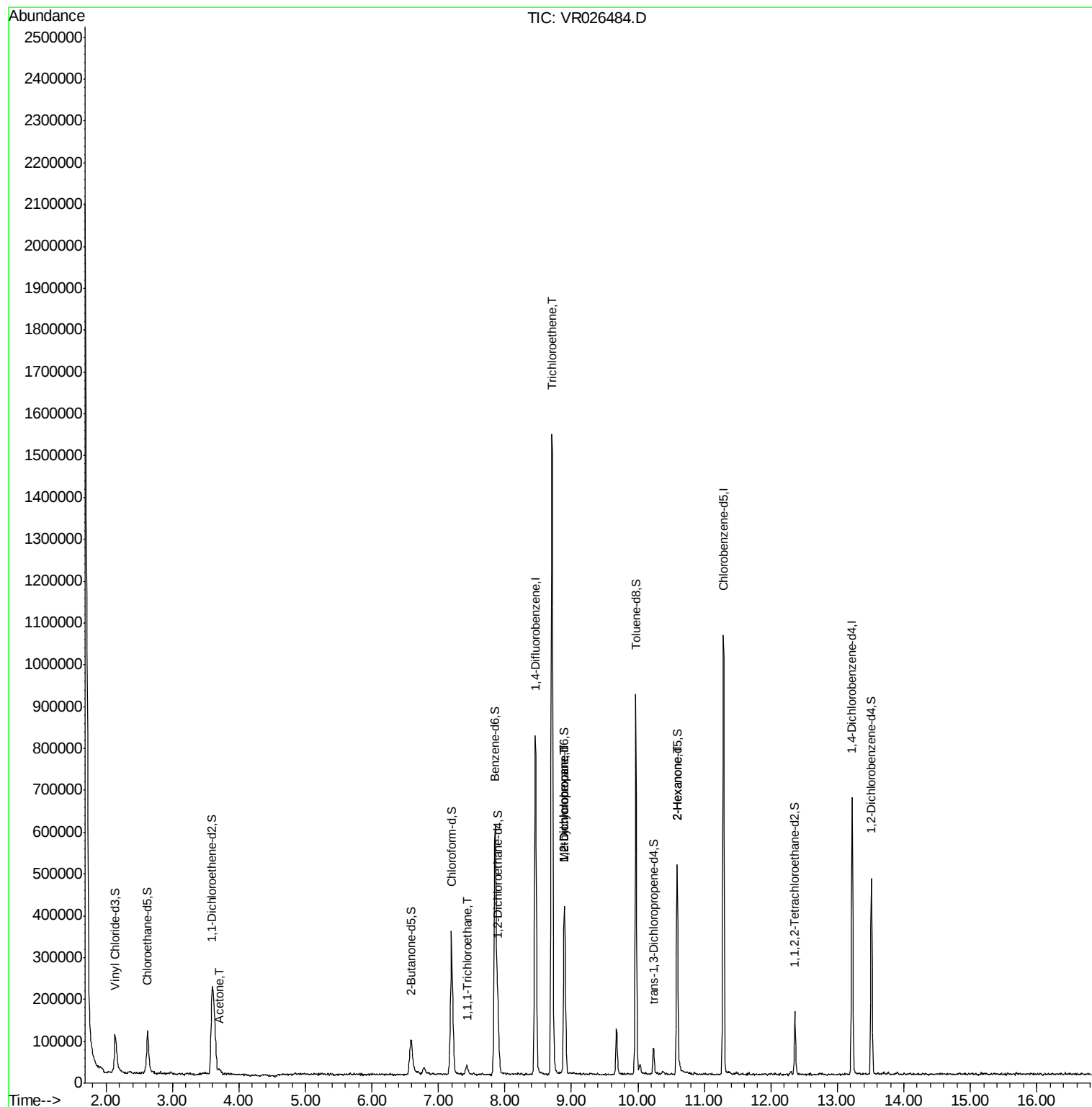
					Qvalue
13) Acetone	3.69	43	6712	1.833	ug/L 93
29) 1,1,1-Trichloroethane	7.43	97	14417	0.197	ug/L # 84
34) Trichloroethene	8.71	95	495982	10.711	ug/L 97
35) Methylcyclohexane	8.89	83	38870	0.589	ug/L # 15
37) 1,2-Dichloropropane	8.89	63	22173	0.585	ug/L # 94
48) 2-Hexanone	10.59	43	24254	3.285	ug/L # 74

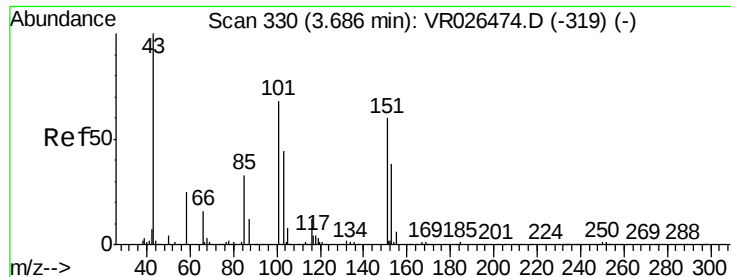
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 06 23:34:06 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.833 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.01 min

Lab File: VR026484.D

Acq: 6 Apr 2019 20:20

Instrument :

MSVOA_R

ClientSampled :

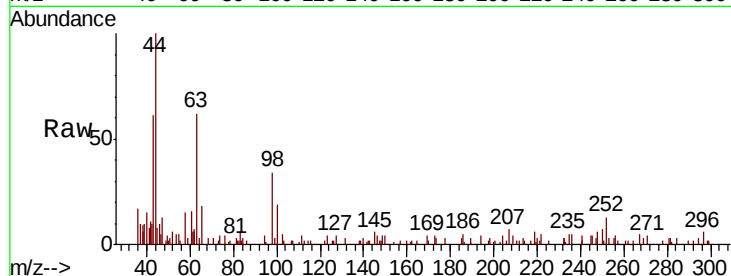
BEZ04

Tgt Ion: 43 Resp: 6712

Ion Ratio Lower Upper

43 100

58 23.5 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2500

2000

1500

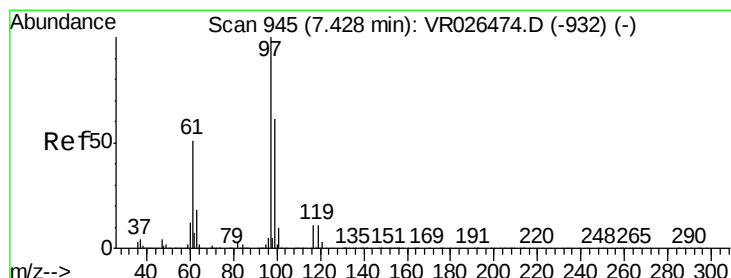
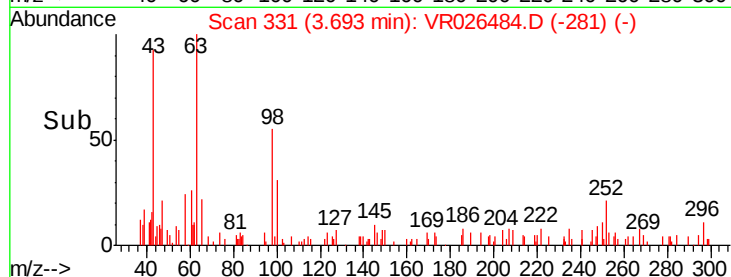
1000

500

0

3.60 3.70 3.80

Time-->



#29

1,1,1-Trichloroethane

Concen: 0.197 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.00 min

Lab File: VR026484.D

Acq: 6 Apr 2019 20:20

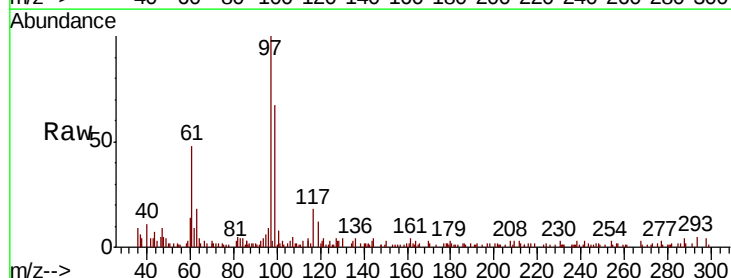
Tgt Ion: 97 Resp: 14417

Ion Ratio Lower Upper

97 100

99 76.5 49.6 74.4#

61 61.3 41.8 62.6



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0

8000

6000

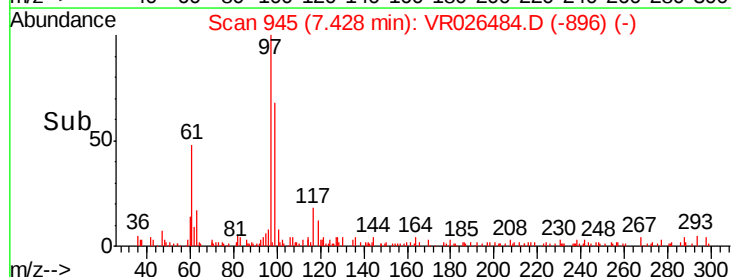
4000

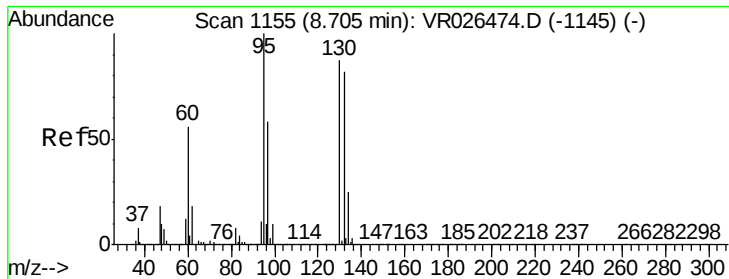
2000

0

7.35 7.40 7.45 7.50

Time-->





#34

Trichloroethene

Concen: 10.711 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026484.D

Acq: 6 Apr 2019 20:20

Instrument :

MSVOA_R

ClientSampleId :

BEZ04

Tgt Ion: 95 Resp: 495982

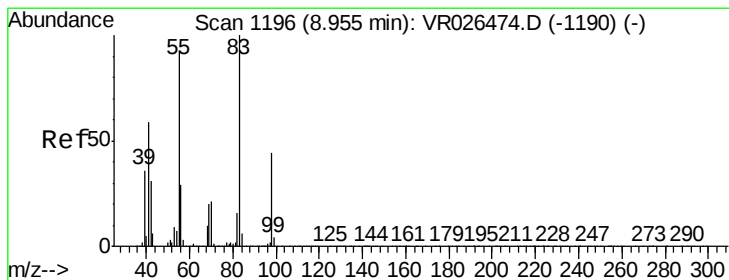
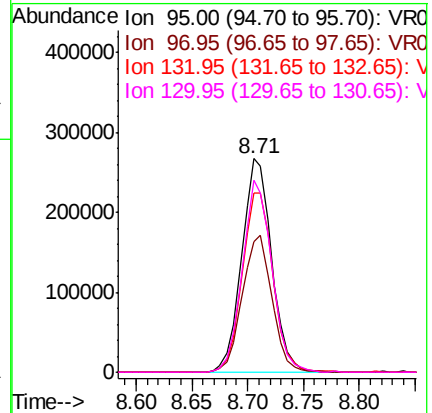
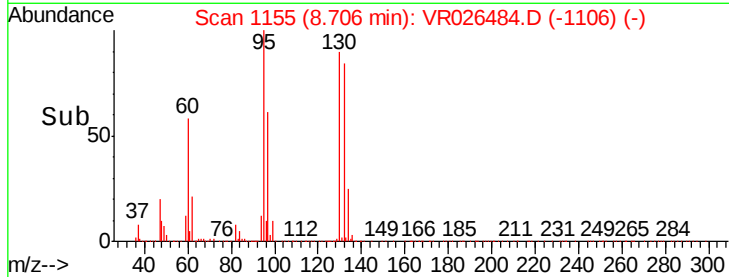
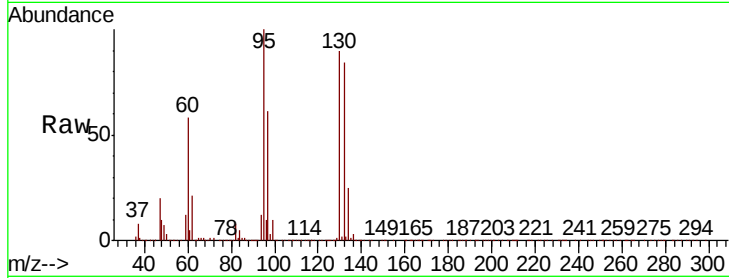
Ion Ratio Lower Upper

95 100

97 61.2 43.8 81.3

132 83.9 57.2 106.2

130 89.8 59.7 110.9



#35

Methylcyclohexane

Concen: 0.589 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.05 min

Lab File: VR026484.D

Acq: 6 Apr 2019 20:20

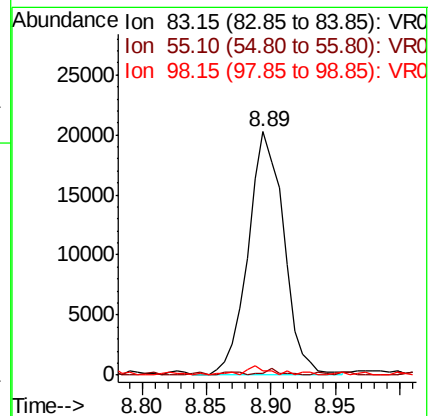
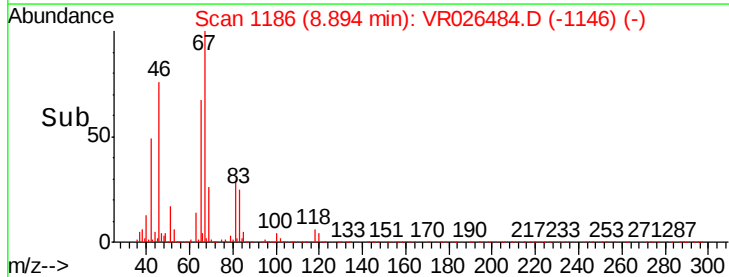
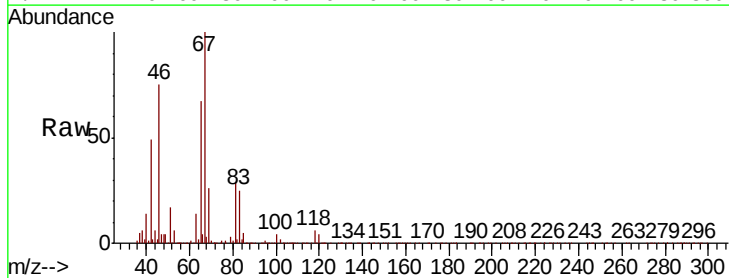
Tgt Ion: 83 Resp: 38870

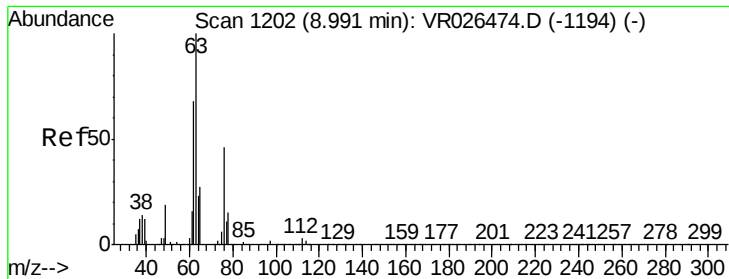
Ion Ratio Lower Upper

83 100

55 1.4 73.8 110.6#

98 3.5 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026484.D

Acq: 6 Apr 2019 20:20

Instrument :

MSVOA_R

ClientSampleId :

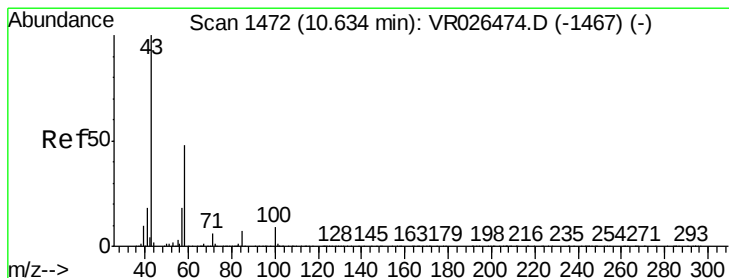
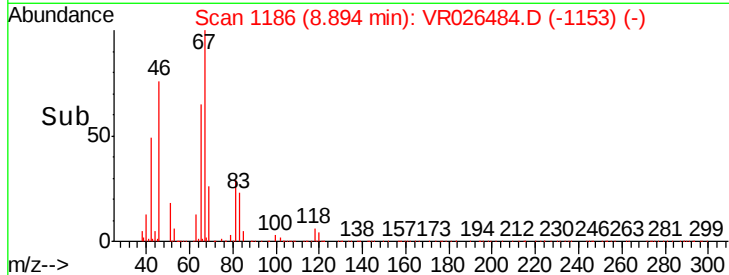
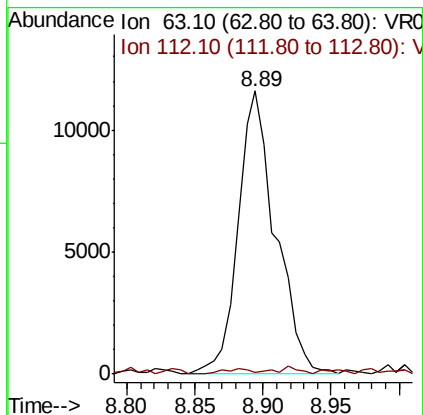
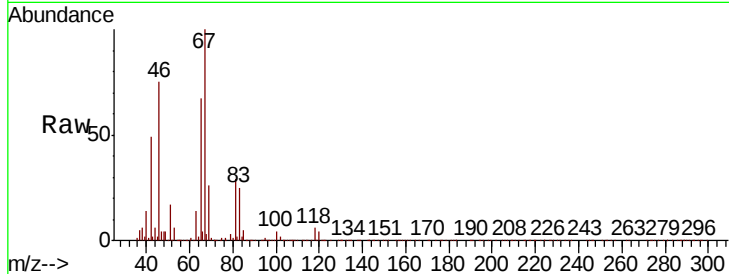
BEZ04

Tgt Ion: 63 Resp: 22173

Ion Ratio Lower Upper

63 100

112 1.6 2.8 4.2#



#48

2-Hexanone

Concen: 3.285 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026484.D

Acq: 6 Apr 2019 20:20

Tgt Ion: 43 Resp: 24254

Ion Ratio Lower Upper

43 100

58 27.4 38.2 57.2#

57 26.1 13.8 20.6#

100 4.2 6.2 9.2#

