

Data File : VR026346.D
Acq On : 20 Feb 2019 11:05
Operator : SY/MD
Sample : K1488-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXC7

Quant Time: Feb 21 07:41:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 07:38:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	524149	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	432797	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	215829	5.21	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	2.63	69	197691	5.47	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	78.14%
11) 1,1-Dichloroethene-d2	3.60	63	417679	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	6.58	46	155975	49.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	7.20	84	375980	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	7.89	65	144188	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	7.85	84	748682	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	8.89	67	182509	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	9.96	98	686610	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
43) trans-1,3-Dichloropropene-	10.23	79	42059	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	10.59	63	120907	51.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65516	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	121821	6.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.00%#

Target Compounds

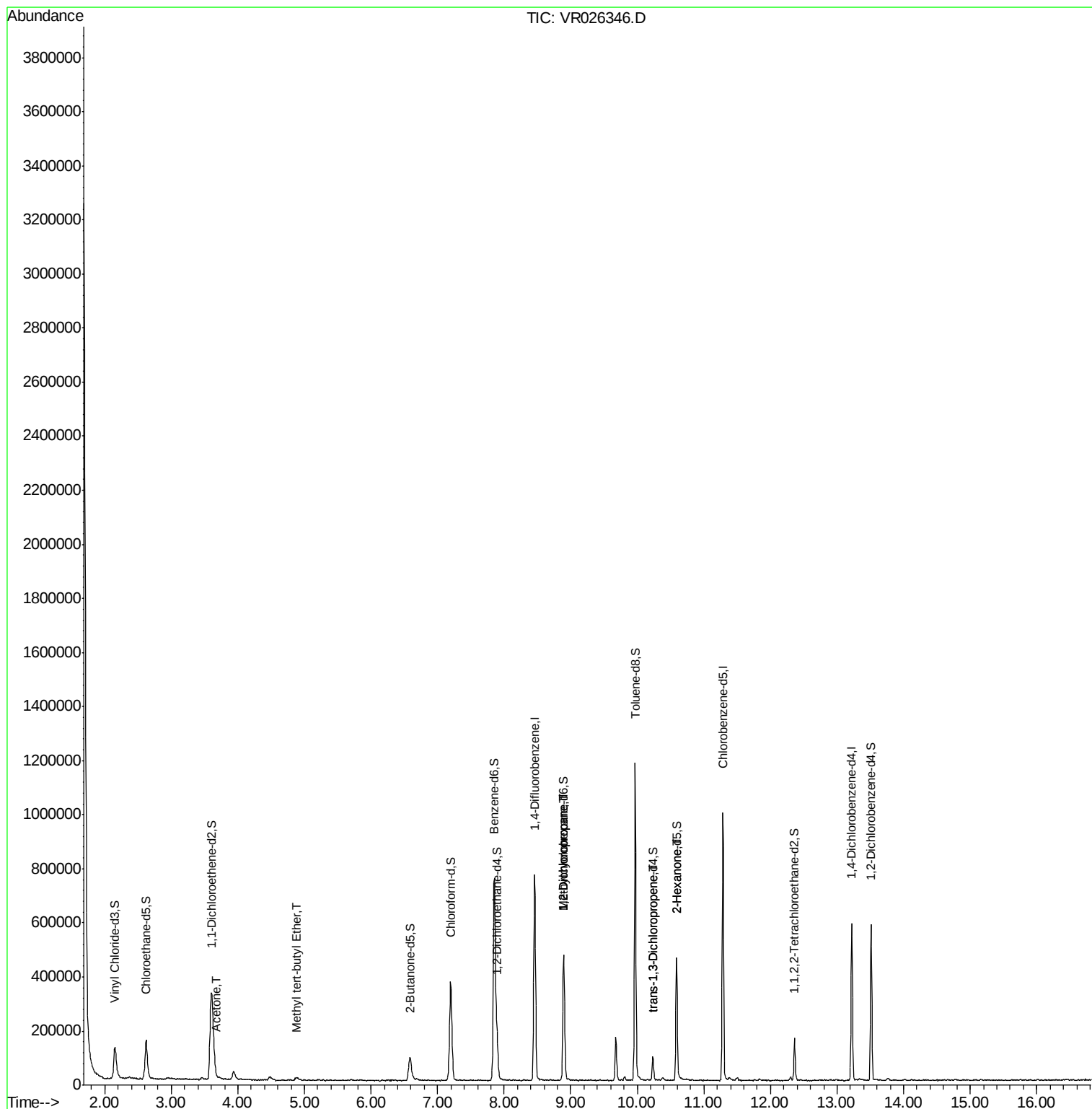
					Qvalue
13) Acetone	3.69	43	6479	1.955	ug/L 96
17) Methyl tert-butyl Ether	4.88	73	14035	0.315	ug/L # 91
35) Methylcyclohexane	8.89	83	47822	0.911	ug/L # 18
37) 1,2-Dichloropropane	8.89	63	22493	0.661	ug/L # 91
44) trans-1,3-Dichloropropene	10.23	75	2847	0.107	ug/L 96
48) 2-Hexanone	10.59	43	21271	3.486	ug/L # 72

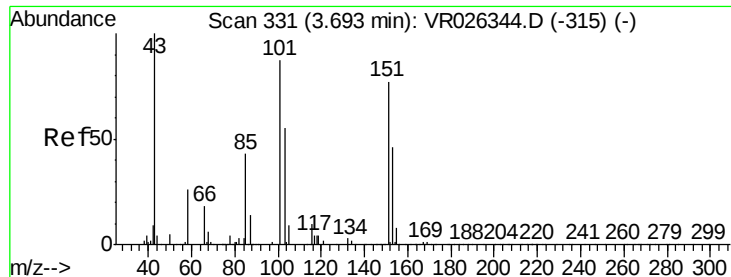
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.955 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.01 min

Lab File: VR026346.D

Acq: 20 Feb 2019 11:05

Instrument :

MSVOA_R

ClientSampled :

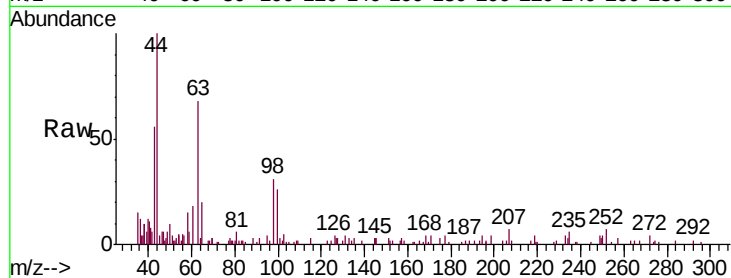
ESXC7

Tgt Ion: 43 Resp: 6479

Ion Ratio Lower Upper

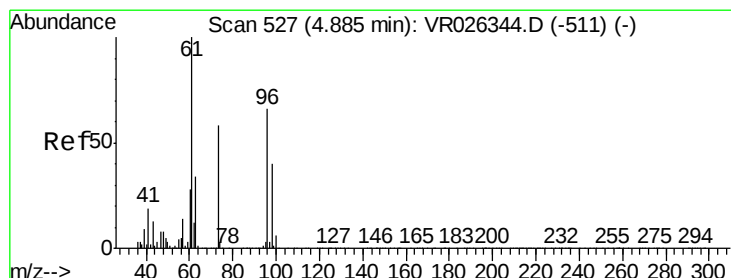
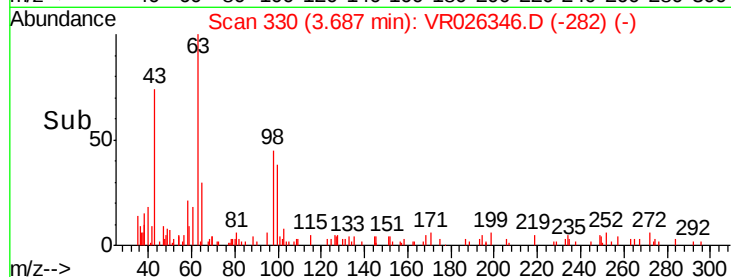
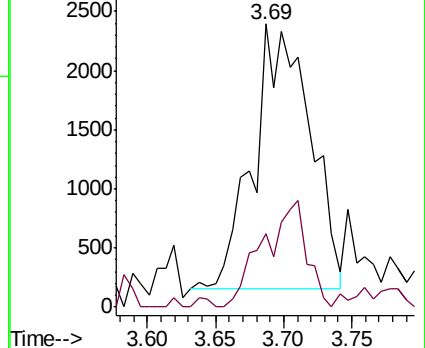
43 100

58 30.9 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#17

Methyl tert-butyl Ether

Concen: 0.315 ug/L

RT: 4.88 min Scan# 527

Delta R.T. -0.00 min

Lab File: VR026346.D

Acq: 20 Feb 2019 11:05

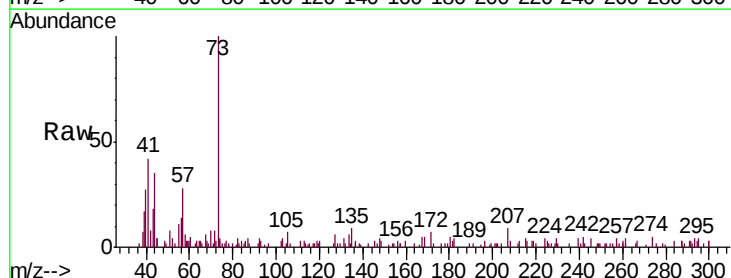
Tgt Ion: 73 Resp: 14035

Ion Ratio Lower Upper

73 100

43 28.1 18.2 27.2#

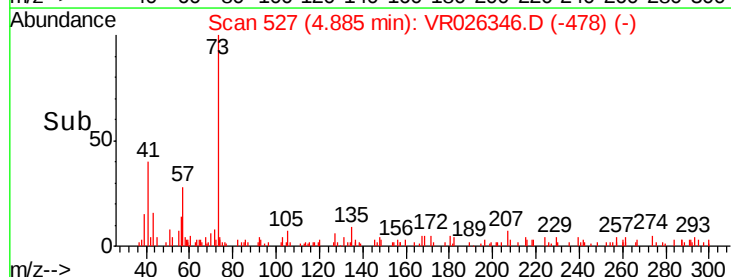
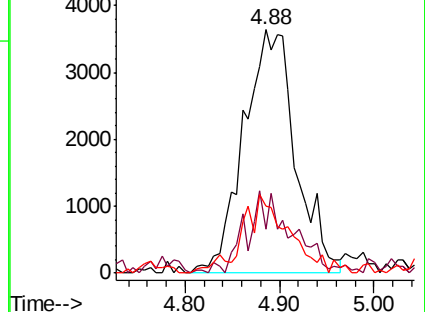
57 25.6 17.9 26.9

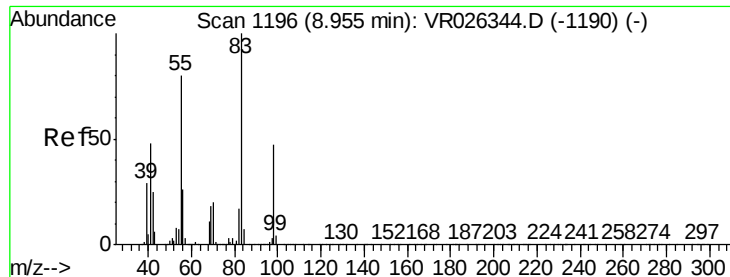


Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0

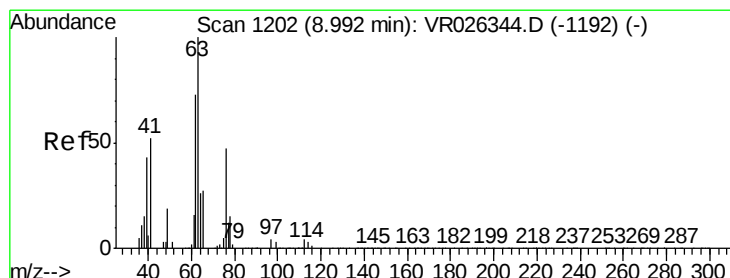
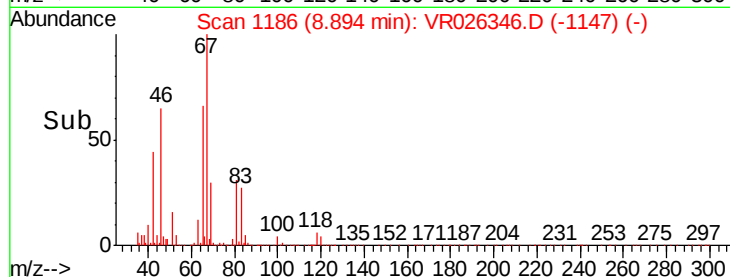
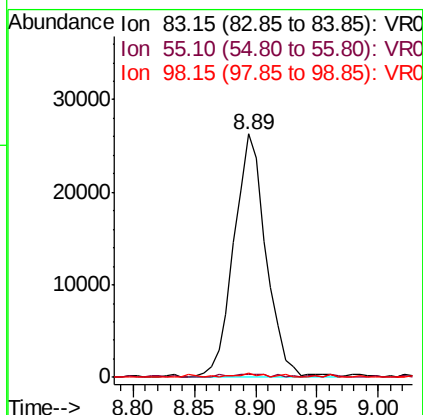
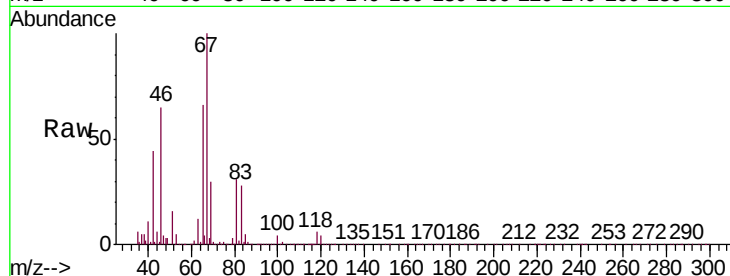




#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026346.D
Acq: 20 Feb 2019 11:05

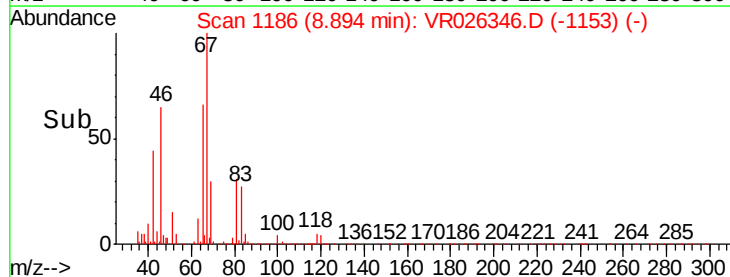
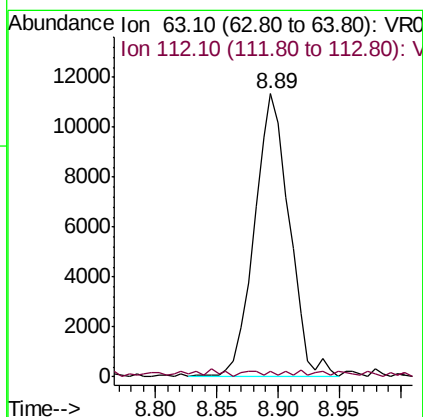
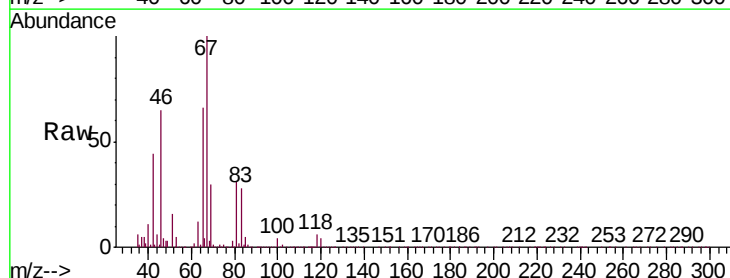
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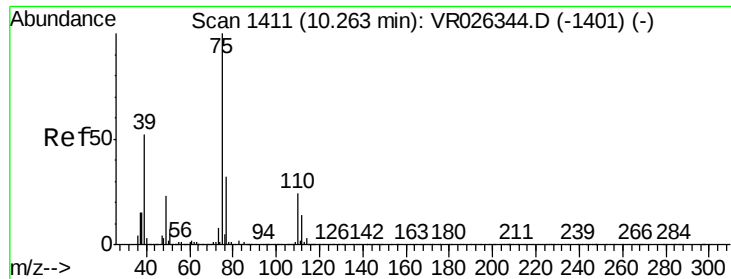
Tgt Ion: 83 Resp: 47822
Ion Ratio Lower Upper
83 100
55 2.1 67.3 100.9#
98 1.3 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026346.D
Acq: 20 Feb 2019 11:05

Tgt Ion: 63 Resp: 22493
Ion Ratio Lower Upper
63 100
112 1.2 3.4 5.0#





#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 10.23 min Scan# 1405

Delta R.T. -0.04 min

Lab File: VR026346.D

Acq: 20 Feb 2019 11:05

Instrument :

MSVOA_R

ClientSampleId :

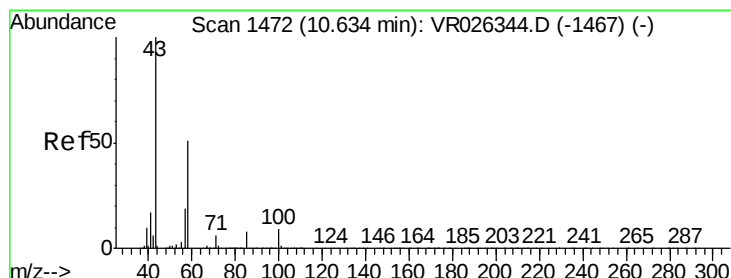
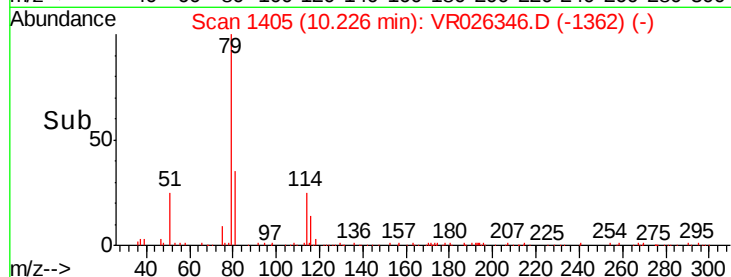
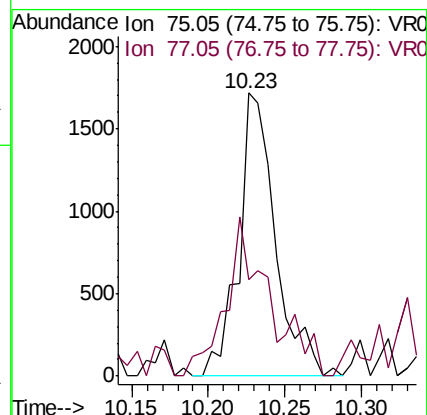
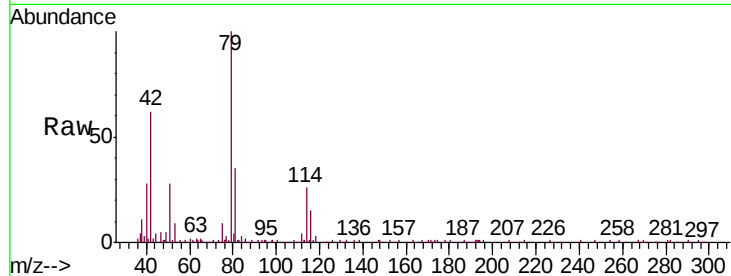
ESXC7

Tgt Ion: 75 Resp: 2847

Ion Ratio Lower Upper

75 100

77 34.2 22.5 41.7



#48

2-Hexanone

Concen: 3.486 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026346.D

Acq: 20 Feb 2019 11:05

Tgt Ion: 43 Resp: 21271

Ion Ratio Lower Upper

43 100

58 29.4 39.1 58.7#

57 33.0 14.2 21.2#

100 5.1 7.6 11.4#

