

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025915.D
 Acq On : 1 Oct 2018 16:48
 Operator : SY/MD
 Sample : J5073-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ET0T2

Quant Time: Oct 02 01:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	460820	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	386782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	135932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	171599	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	2.63	69	155641	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	3.63	63	301426	3.53	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	6.59	46	258301	63.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.52%
24) Chloroform-d	7.20	84	308117	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	7.90	65	143926	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	7.86	84	613441	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	8.90	67	174659	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	540901	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	10.24	79	38369	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	10.59	63	188572	62.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73822	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	111115	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

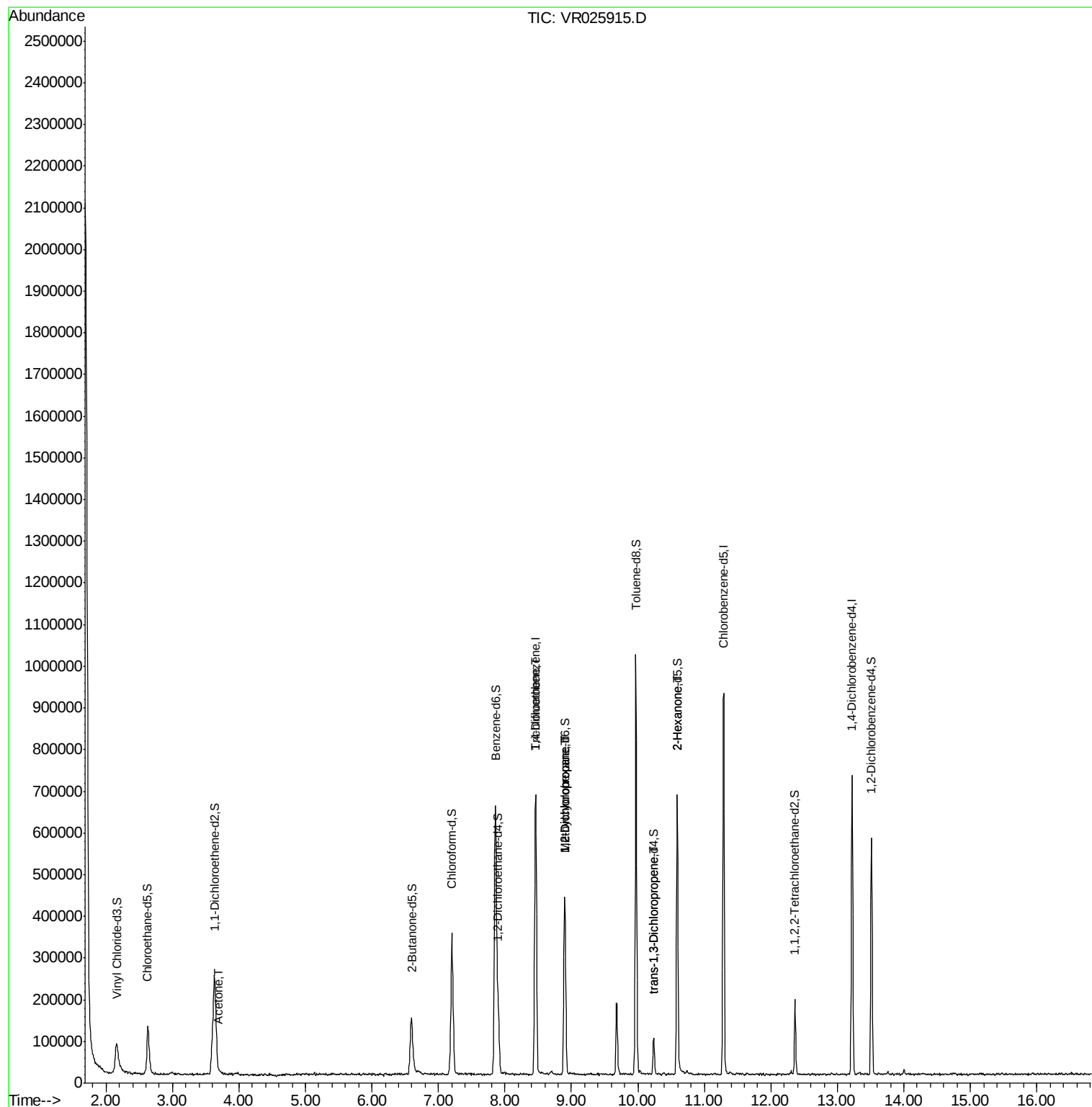
					Ovalue
13) Acetone	3.70	43	5246	1.787 ug/L	90
34) Trichloroethene	8.46	95	15724	0.460 ug/L #	15
35) Methylcyclohexane	8.89	83	41102	0.800 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22286	0.801 ug/L #	95
44) trans-1,3-Dichloropropene	10.24	75	2368	0.116 ug/L	84
48) 2-Hexanone	10.59	43	29667	4.630 ug/L #	70

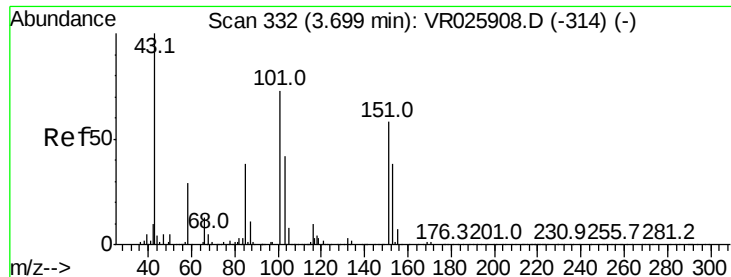
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.787 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR025915.D

Acq: 1 Oct 2018 16:48

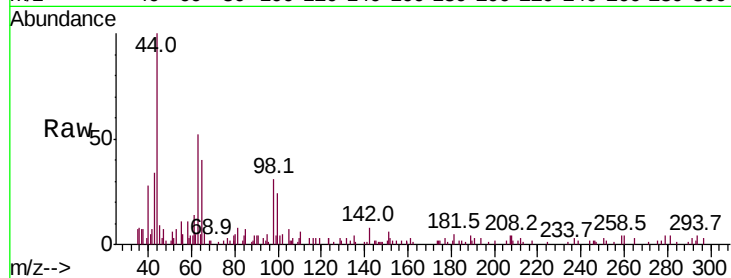
Instrument :
MSVOA_R
ClientSampleId :
ET0T2

Tot Ion: 43 Resp: 5246

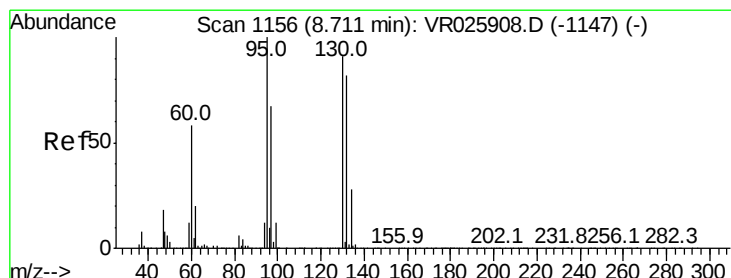
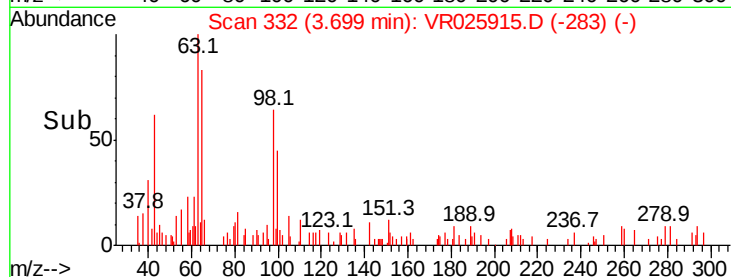
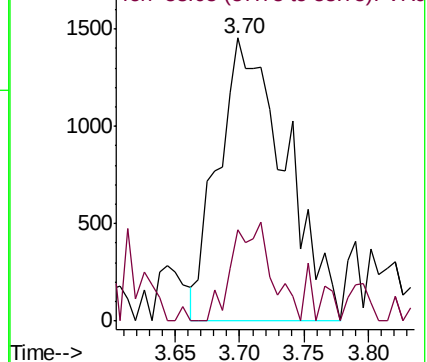
Ion Ratio Lower Upper

43 100

58 20.7 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.460 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025915.D

Acq: 1 Oct 2018 16:48

Tgt Ion: 95 Resp: 15724

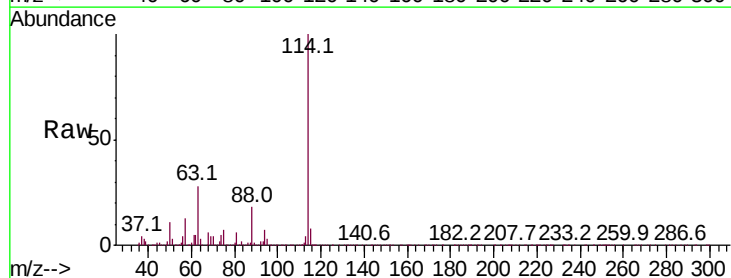
Ion Ratio Lower Upper

95 100

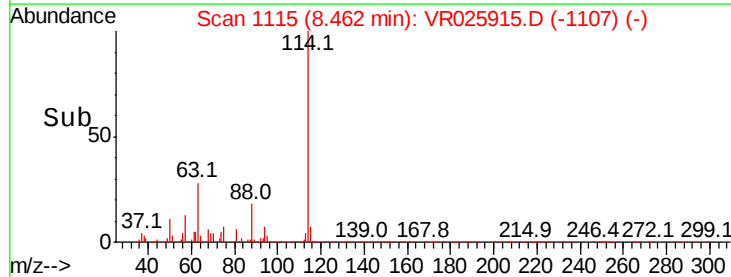
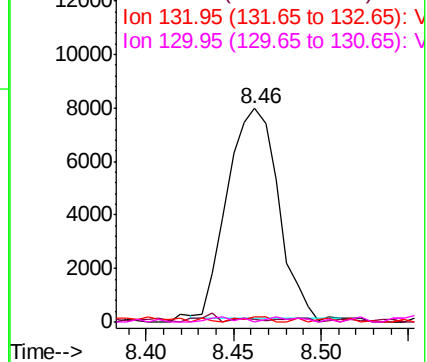
97 1.2 43.9 81.5#

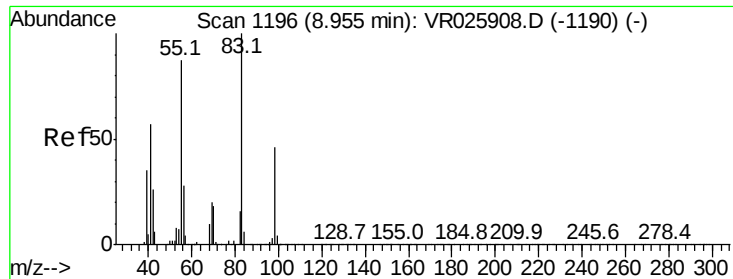
132 2.5 53.3 98.9#

130 0.0 53.8 99.8#



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

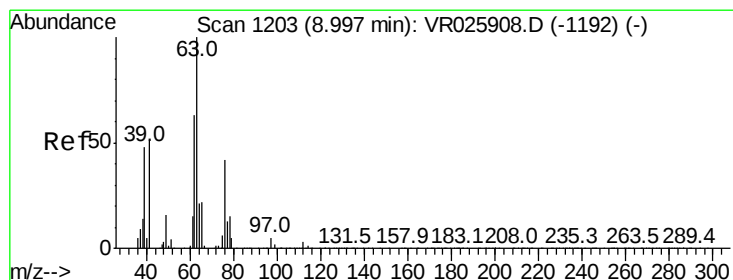
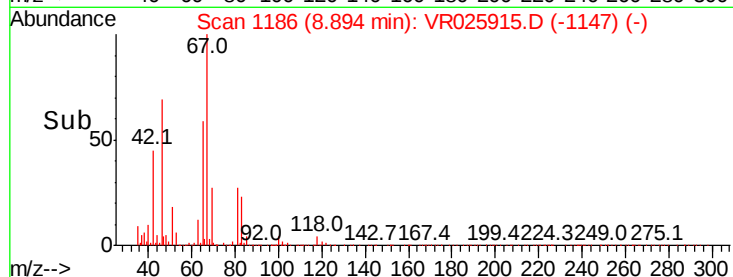
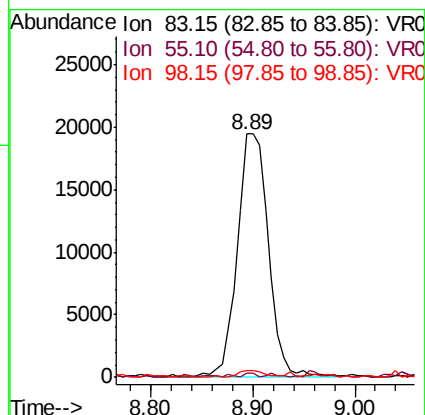
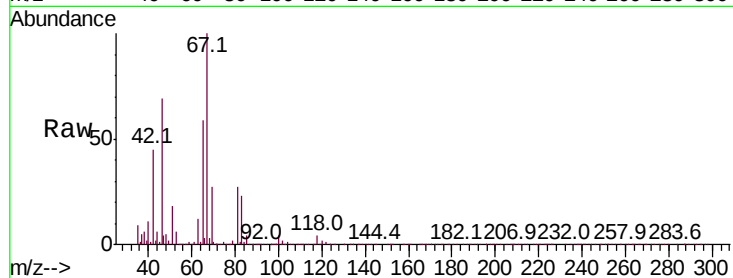




#35
Methvlcvclohexane
Concen: 0.800 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR025915.D
Acq: 1 Oct 2018 16:48

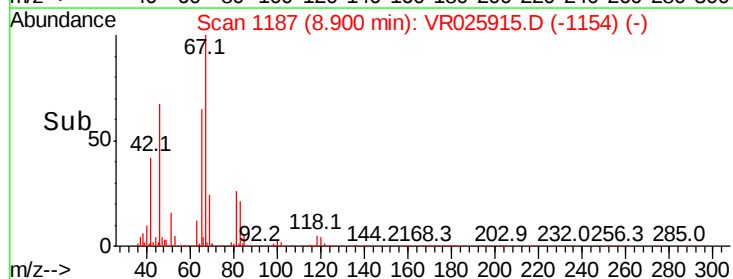
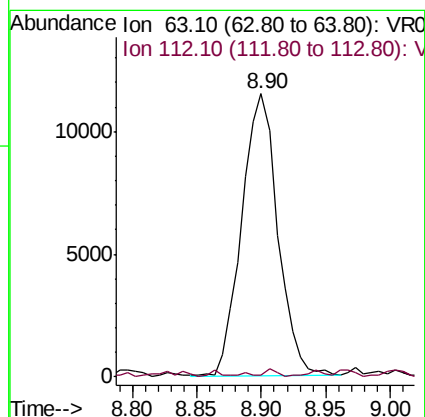
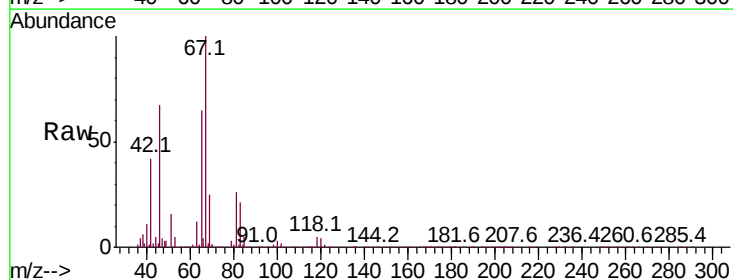
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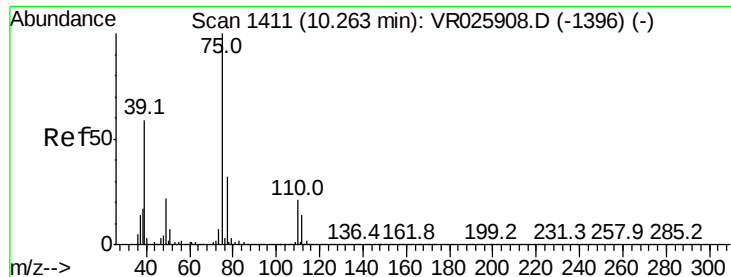
Tot Ion: 83 Resp: 41102
Ion Ratio Lower Upper
83 100
55 0.6 71.8 107.6#
98 2.3 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.801 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025915.D
Acq: 1 Oct 2018 16:48

Tgt Ion: 63 Resp: 22286
Ion Ratio Lower Upper
63 100
112 1.4 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025915.D

Acq: 1 Oct 2018 16:48

Instrument :

MSVOA_R

ClientSampleId :

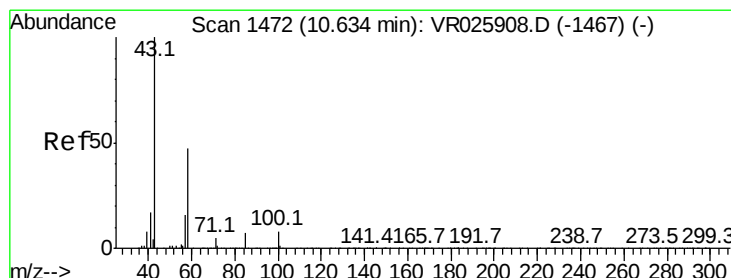
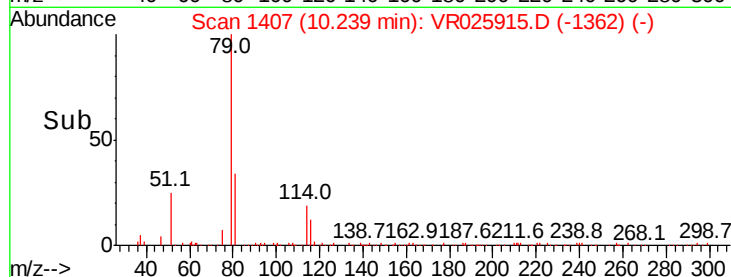
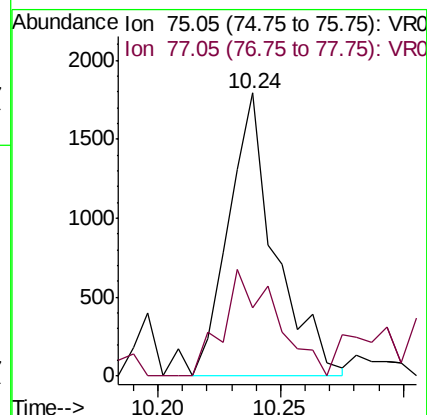
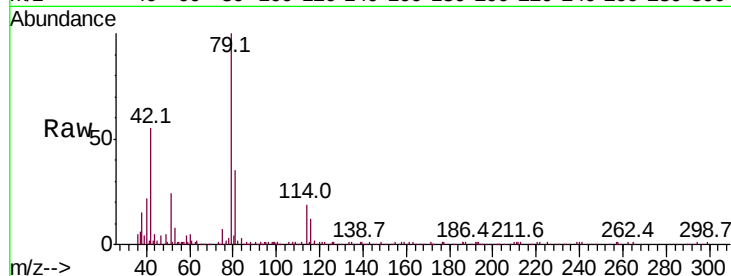
ET0T2

Tot Ion: 75 Resp: 2368

Ion Ratio Lower Upper

75 100

77 23.9 23.0 42.8



#48

2-Hexanone

Concen: 4.630 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025915.D

Acq: 1 Oct 2018 16:48

Tgt Ion: 43 Resp: 29667

Ion Ratio Lower Upper

43 100

58 21.1 39.5 59.3#

57 20.2 14.6 21.8

100 3.2 6.7 10.1#

