

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
 Data File : VV005915.D
 Acq On : 15 May 2018 15:01
 Operator : SY/MD
 Sample : J2905-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:10:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 16 03:06:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	259280	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	276218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90115	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	81763	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	140215	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.96	46	193520	49.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.41	84	198449	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.09	65	106592	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	355359	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	119747	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.37	98	315345	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	38533	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	116669	32.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65940	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	111339	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

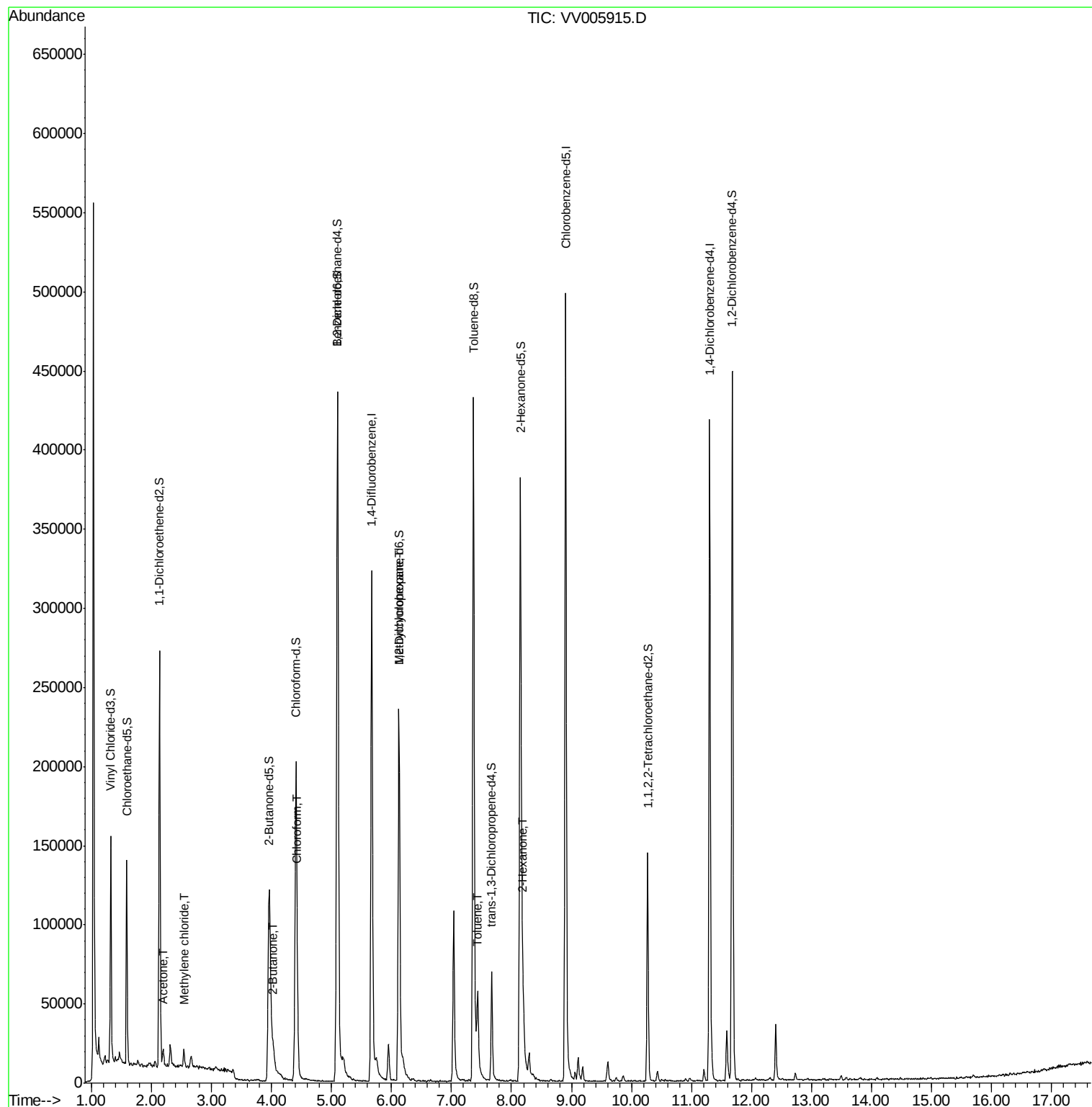
Target Compounds

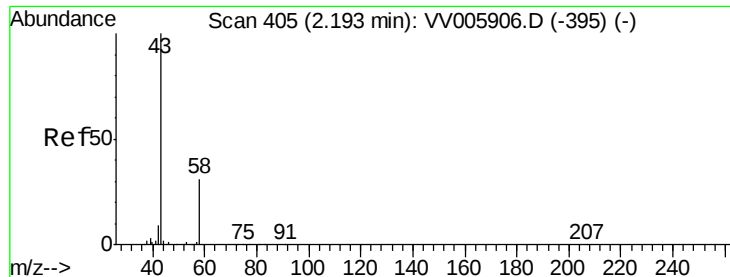
						Qvalue
13) Acetone	2.20	43	7624	2.33	ug/L	86
16) Methylene chloride	2.54	84	4185	0.20	ug/L	90
21) 2-Butanone	4.03	43	3090	0.69	ug/L	78
25) Chloroform	4.44	83	10134	0.24	ug/L	89
35) Methylcyclohexane	6.12	83	28700	0.89	ug/L #	18
42) Toluene	7.44	91	33156	0.38	ug/L	98
48) 2-Hexanone	8.19	43	25603	2.81	ug/L #	84

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

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#13

Acetone

Concen: 2.33 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005915.D

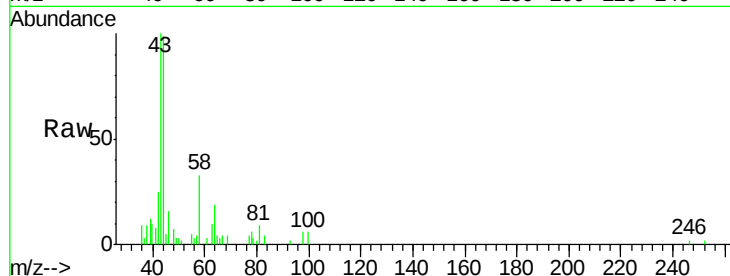
Acq: 15 May 2018 15:01

Tgt Ion: 43 Resp: 7624

Ion Ratio Lower Upper

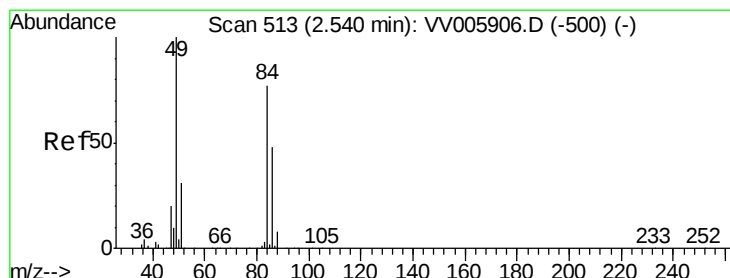
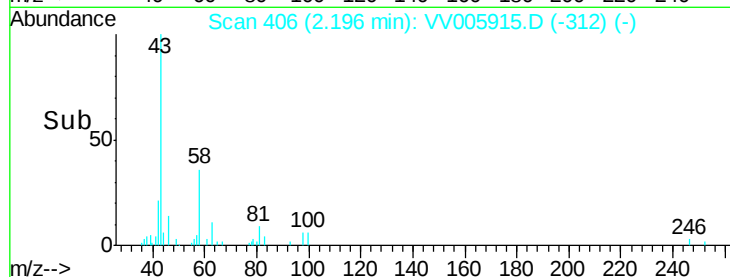
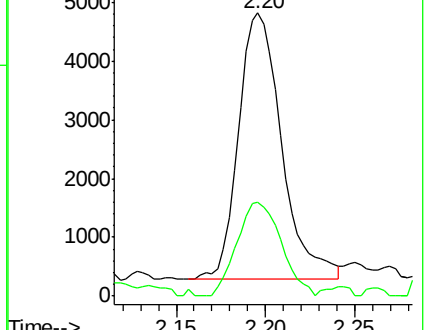
43 100

58 36.2 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV005915.D (-405) (-)

Ion 58.05 (57.75 to 58.75): VV005915.D (-405) (-)



#16

Methylene chloride

Concen: 0.20 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV005915.D

Acq: 15 May 2018 15:01

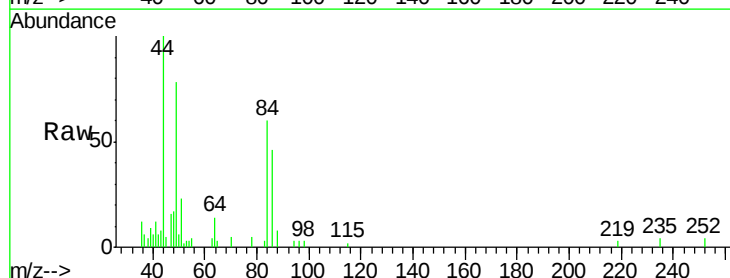
Tgt Ion: 84 Resp: 4185

Ion Ratio Lower Upper

84 100

86 77.1 44.3 82.3

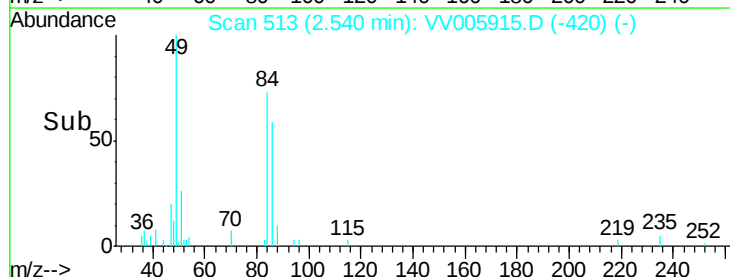
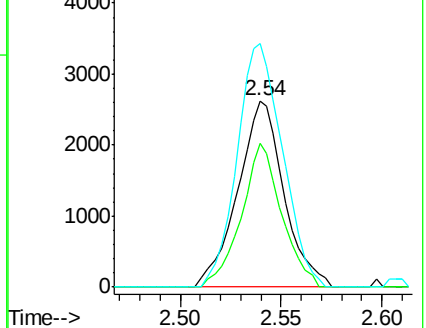
49 130.9 96.5 179.1

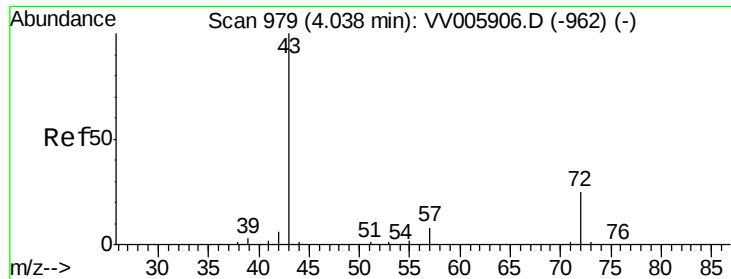


Abundance Ion 84.05 (83.75 to 84.75): VV005915.D (-420) (-)

Ion 86.00 (85.70 to 86.70): VV005915.D (-420) (-)

Ion 49.10 (48.80 to 49.80): VV005915.D (-420) (-)





#21

2-Butanone

Concen: 0.69 ug/L

RT: 4.03 min Scan# 977

Delta R.T. -0.01 min

Lab File: VV005915.D

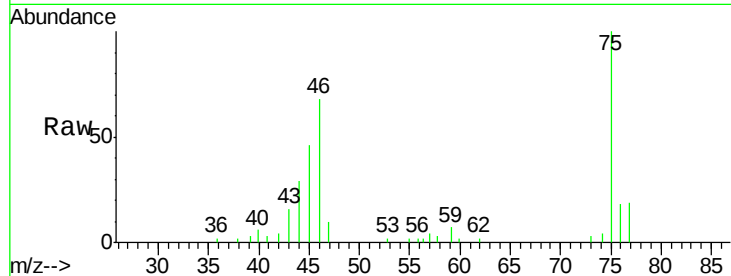
Acq: 15 May 2018 15:01

Tgt Ion: 43 Resp: 3090

Ion Ratio Lower Upper

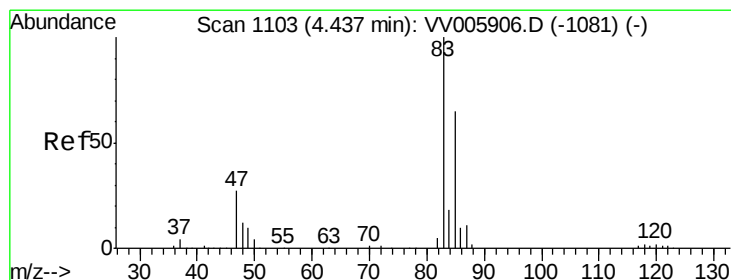
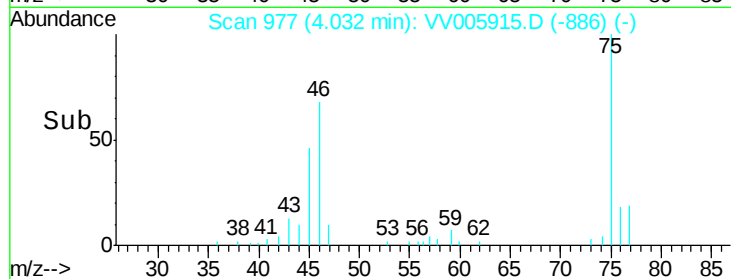
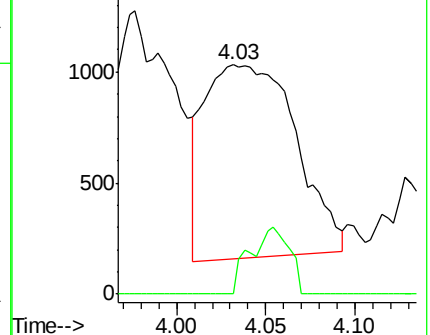
43 100

72 15.0 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV005915.D (-886) (-)

Ion 72.10 (71.80 to 72.80): VV005915.D (-886) (-)



#25

Chloroform

Concen: 0.24 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV005915.D

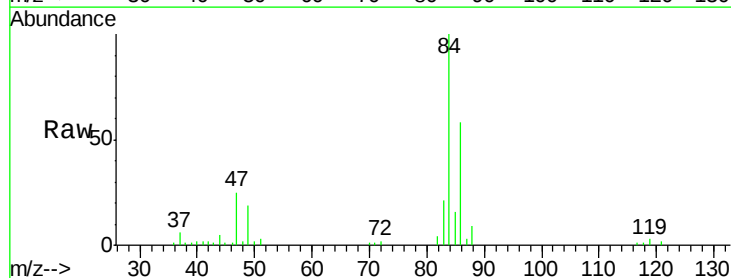
Acq: 15 May 2018 15:01

Tgt Ion: 83 Resp: 10134

Ion Ratio Lower Upper

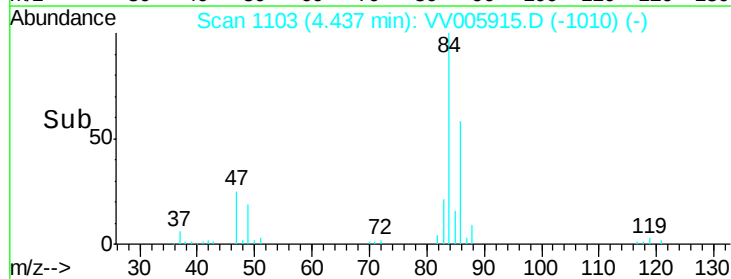
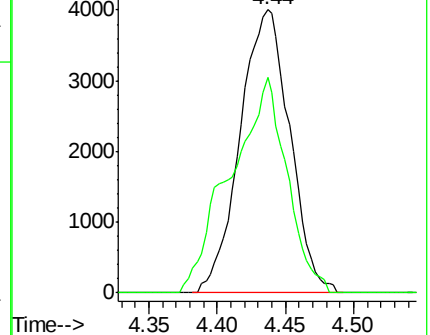
83 100

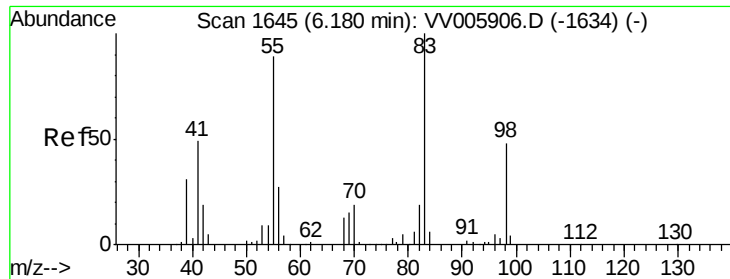
85 76.4 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV005915.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV005915.D (-1010) (-)





#35

Methylcyclohexane

Concen: 0.89 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV005915.D

Acq: 15 May 2018 15:01

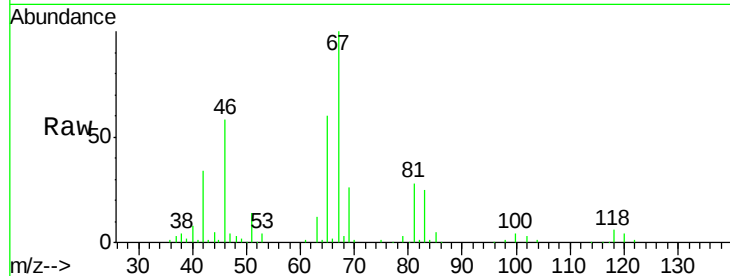
Tgt Ion: 83 Resp: 28700

Ion Ratio Lower Upper

83 100

55 0.2 64.1 96.1#

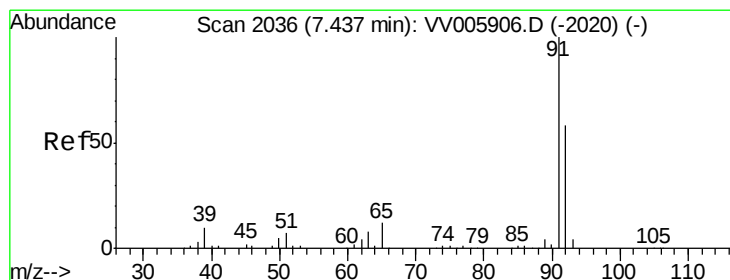
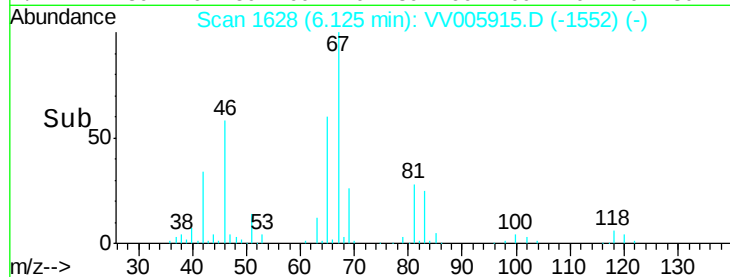
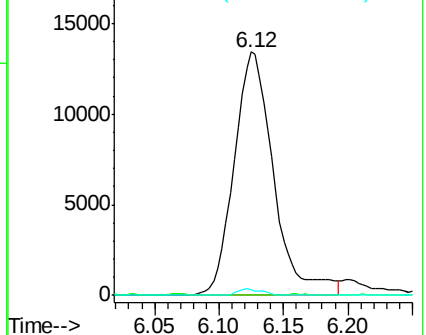
98 1.6 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VV005915.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV005915.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV005915.D (-1552) (-)



#42

Toluene

Concen: 0.38 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV005915.D

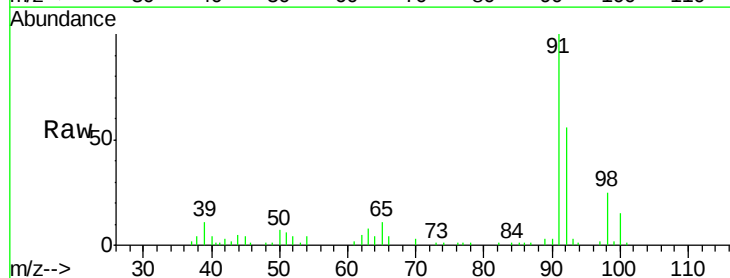
Acq: 15 May 2018 15:01

Tgt Ion: 91 Resp: 33156

Ion Ratio Lower Upper

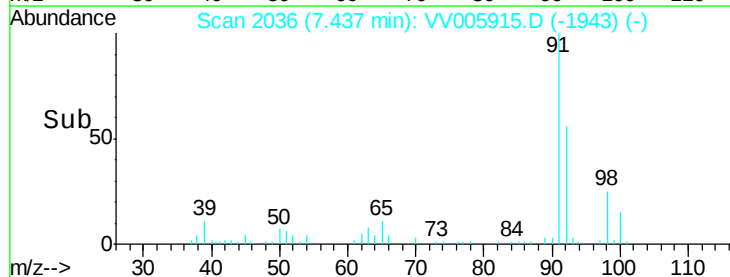
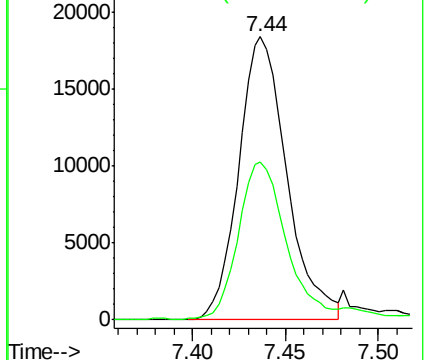
91 100

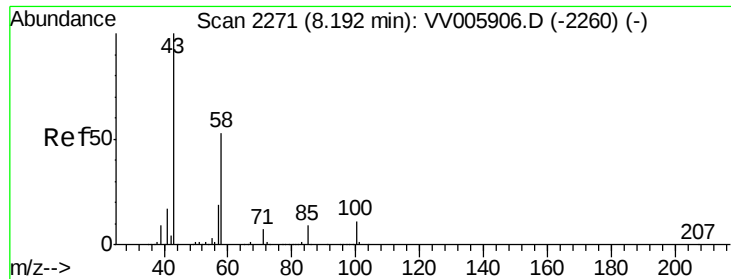
92 55.9 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VV005915.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV005915.D (-1943) (-)





#48
 2-Hexanone
 Concen: 2.81 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV005915.D
 Acq: 15 May 2018 15:01

Tgt Ion:	43	Resp:	25603
Ion	Ratio	Lower	Upper
43	100		
58	36.2	40.2	60.2#
57	14.8	14.6	22.0
100	7.7	8.6	12.8#

