

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
 Data File : VV005769.D
 Acq On : 03 May 2018 18:16
 Operator : SY/MD
 Sample : J2551-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:36:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	214442	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100366	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74357	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	60973	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	121933	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.96	46	133043	46.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	4.41	84	134151	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	80266	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.11	84	251222	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.13	67	80252	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.37	98	234385	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	27821	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	118554	54.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58789	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	92308	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

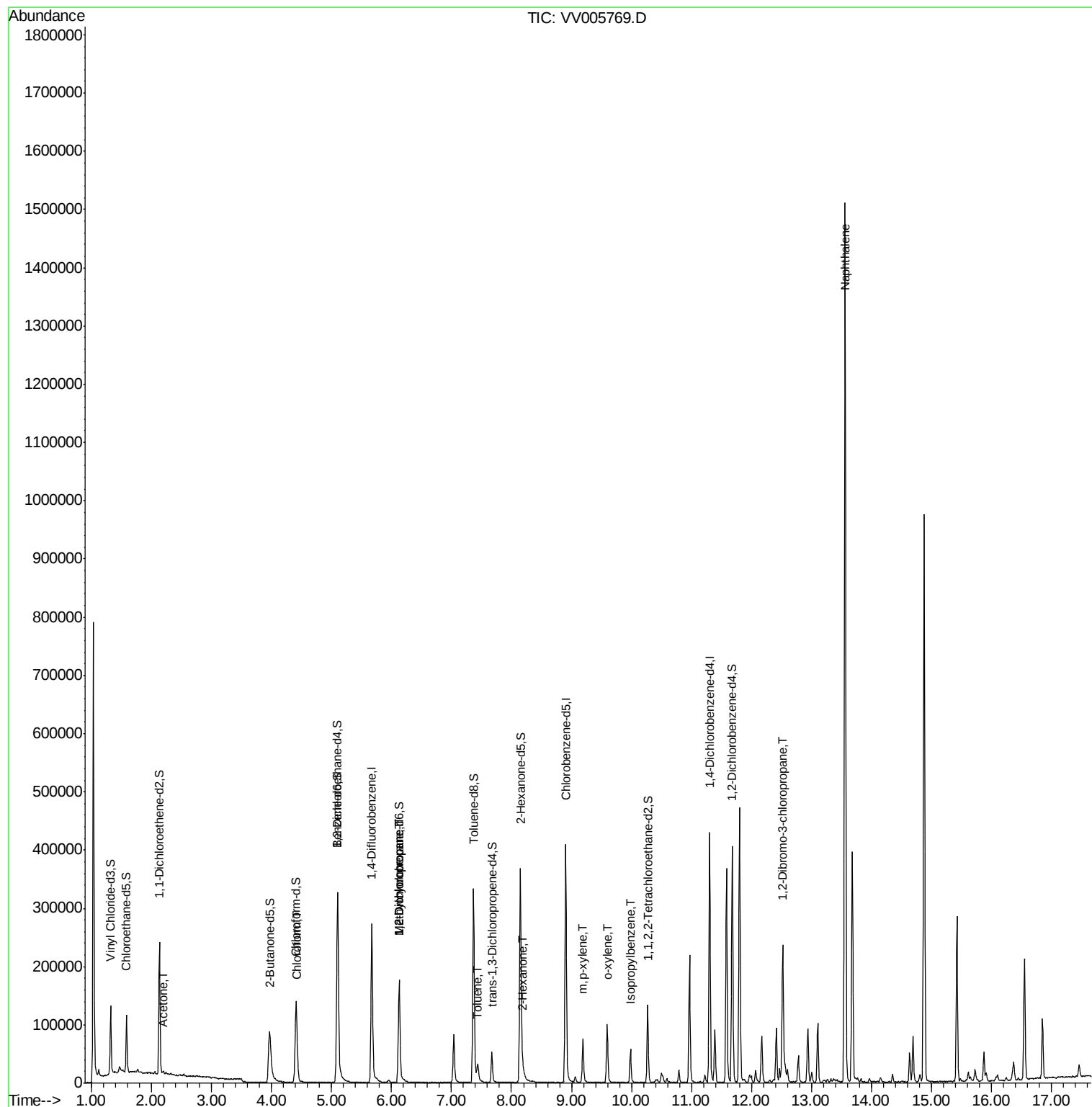
Target Compounds

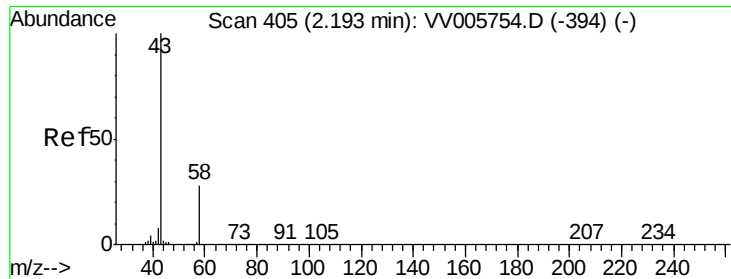
						Qvalue
13) Acetone	2.20	43	1718	0.77	ug/L	99
25) Chloroform	4.43	83	7305	0.24	ug/L	95
35) Methylcyclohexane	6.12	83	18918	0.71	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	9874	0.61	ug/L #	88
42) Toluene	7.44	91	17170	0.25	ug/L	99
48) 2-Hexanone	8.19	43	7126	1.24	ug/L #	68
53) m,p-xylene	9.19	106	19730	0.72	ug/L	94
54) o-xylene	9.59	106	24664	0.92	ug/L	88
56) Isopropylbenzene	9.98	105	34516	0.47	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.52	75	5790	3.20	ug/L #	10
69) Naphthalene	13.56	128	1050163	40.53	ug/L	100

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

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Response via : Initial Calibration





#13

Acetone

Concen: 0.77 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV005769.D

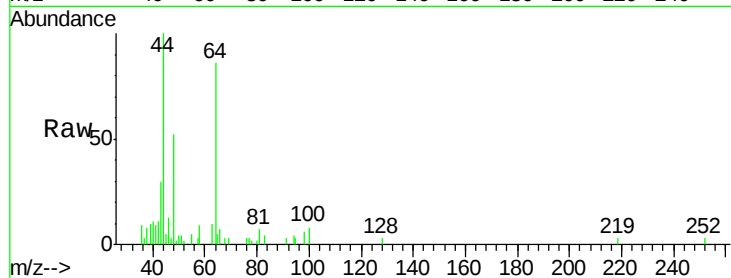
Acq: 03 May 2018 18:16

Tgt Ion: 43 Resp: 1718

Ion Ratio Lower Upper

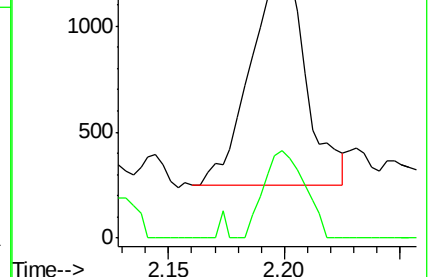
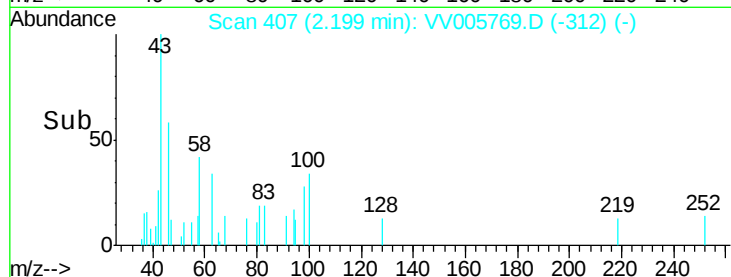
43 100

58 29.7 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV005769.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV005769.D (-312) (-)



#25

Chloroform

Concen: 0.24 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV005769.D

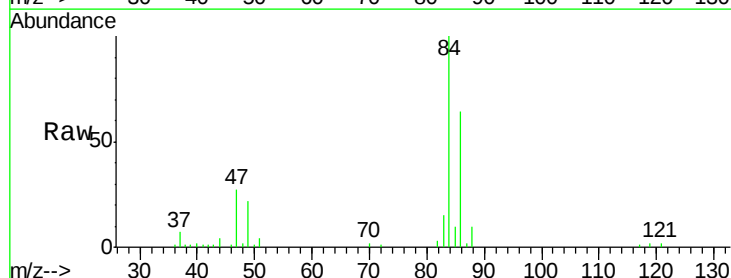
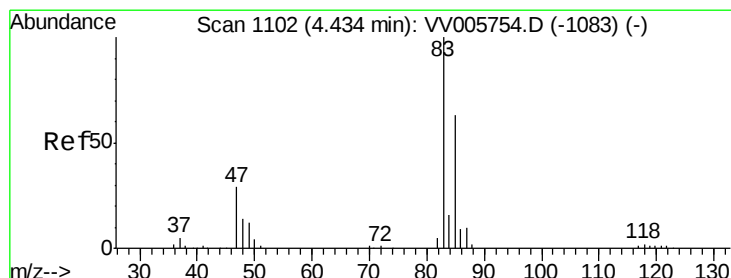
Acq: 03 May 2018 18:16

Tgt Ion: 83 Resp: 7305

Ion Ratio Lower Upper

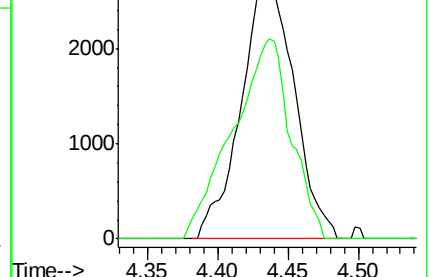
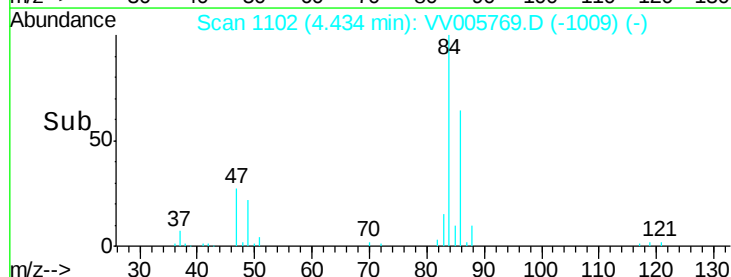
83 100

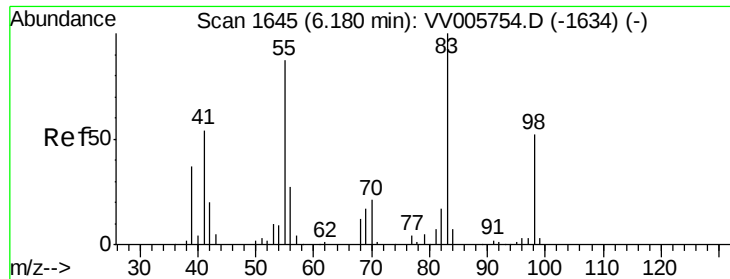
85 69.0 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV005769.D (-1009) (-)

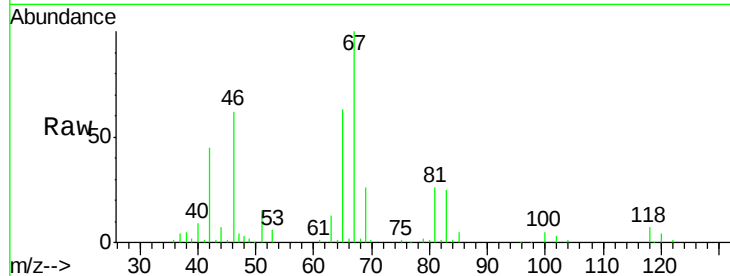
Ion 85.00 (84.70 to 85.70): VV005769.D (-1009) (-)



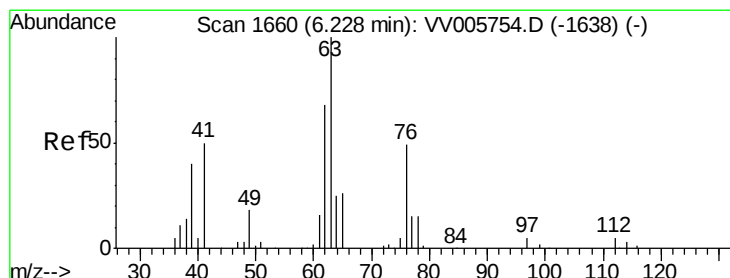
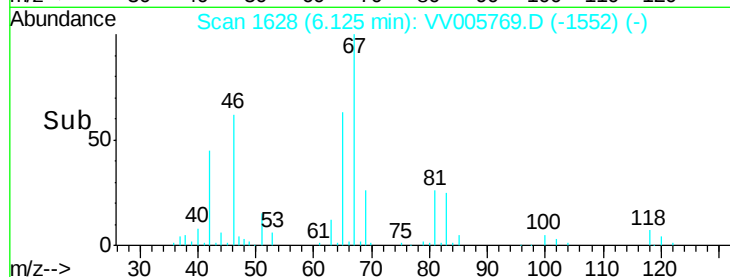
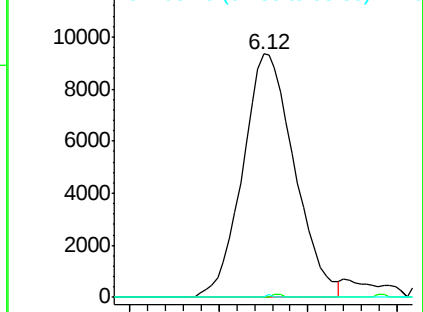


#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV005769.D
Acq: 03 May 2018 18:16

Tgt Ion: 83 Resp: 18918
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.0#
98 0.1 37.1 55.7#

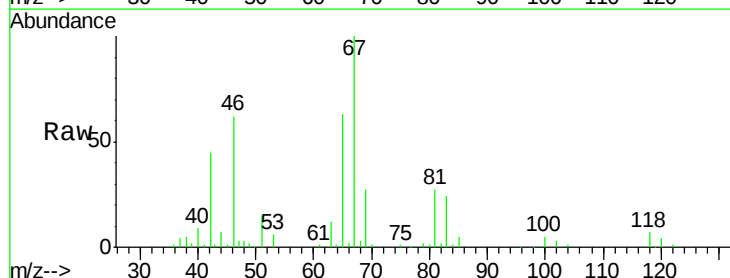


Abundance Ion 83.15 (82.85 to 83.85): VV005754.D (-1634) (-)
Ion 55.10 (54.80 to 55.80): VV005754.D (-1634) (-)
Ion 98.15 (97.85 to 98.85): VV005754.D (-1634) (-)

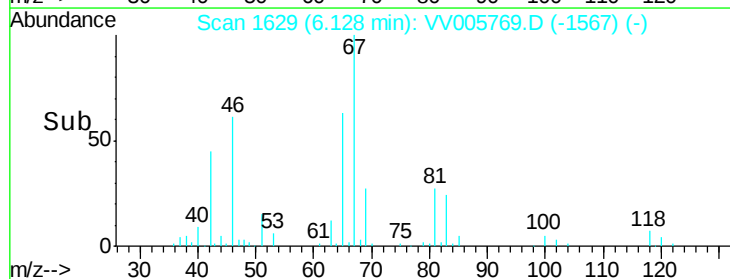
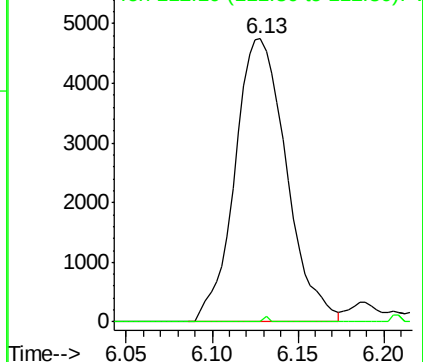


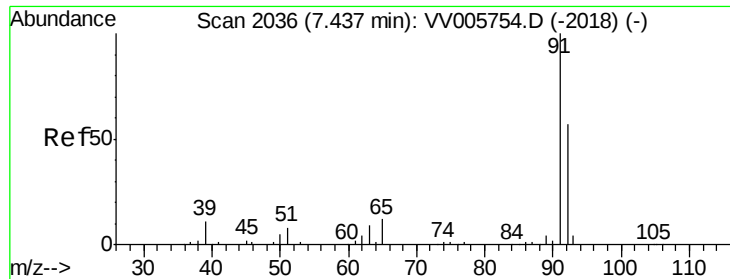
#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV005769.D
Acq: 03 May 2018 18:16

Tgt Ion: 63 Resp: 9874
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV005754.D (-1638) (-)
Ion 112.10 (111.80 to 112.80): VV005754.D (-1638) (-)





#42

Toluene

Concen: 0.25 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV005769.D

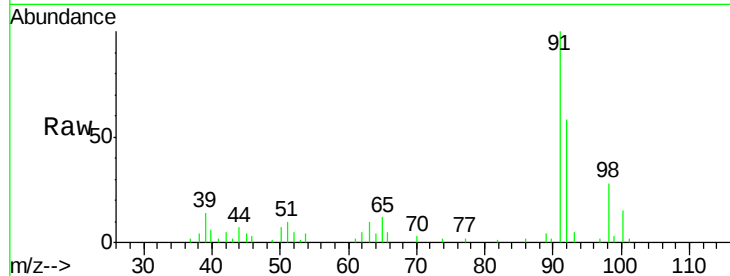
Acq: 03 May 2018 18:16

Tgt Ion: 91 Resp: 17170

Ion Ratio Lower Upper

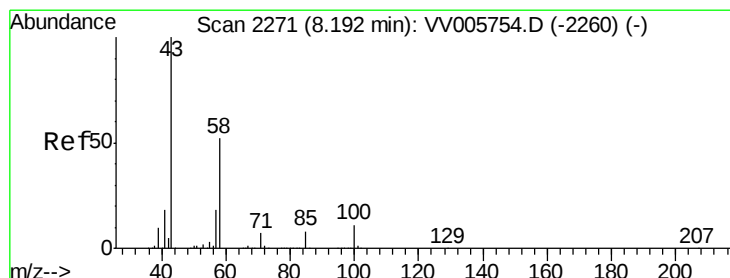
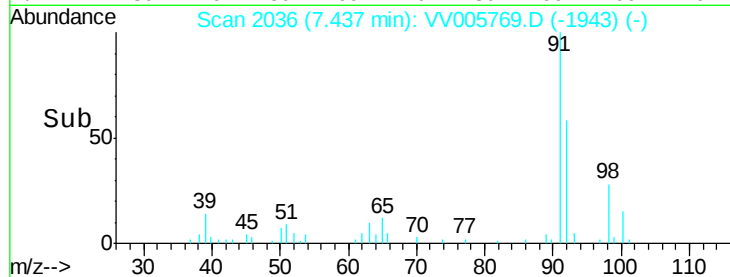
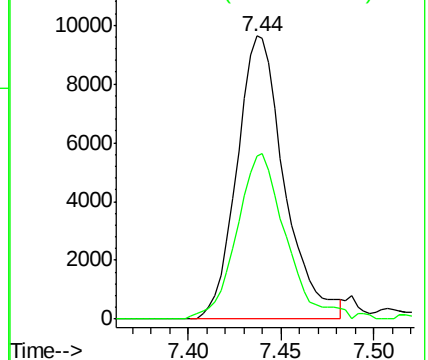
91 100

92 57.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV005754.D (-2018) (-)

Ion 92.15 (91.85 to 92.85): VV005754.D (-2018) (-)



#48

2-Hexanone

Concen: 1.24 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV005769.D

Acq: 03 May 2018 18:16

Tgt Ion: 43 Resp: 7126

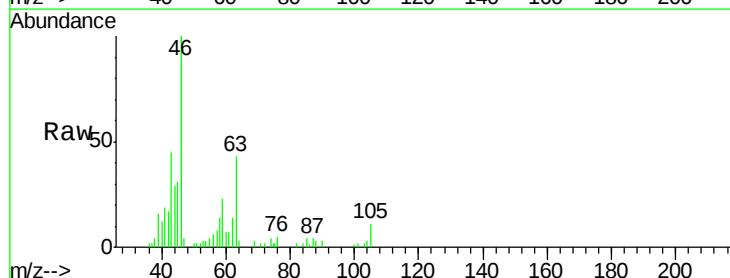
Ion Ratio Lower Upper

43 100

58 29.4 40.2 60.2#

57 0.0 14.7 22.1#

100 1.0 8.8 13.2#

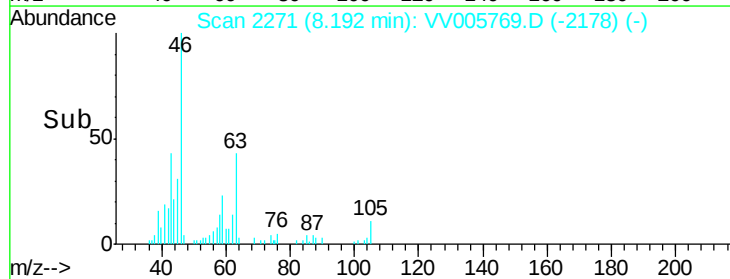
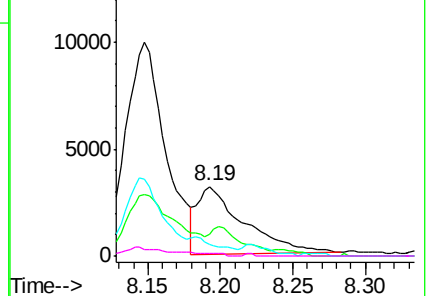


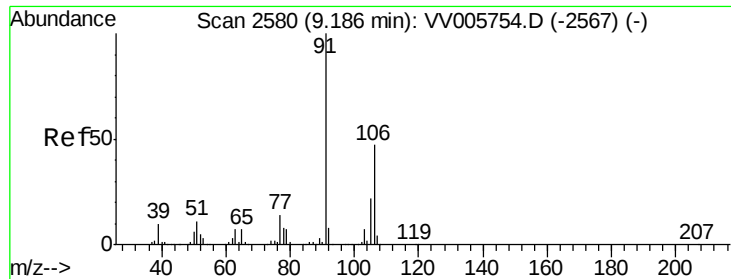
Abundance Ion 43.05 (42.75 to 43.75): VV005754.D (-2260) (-)

Ion 58.05 (57.75 to 58.75): VV005754.D (-2260) (-)

Ion 57.20 (56.90 to 57.90): VV005754.D (-2260) (-)

Ion 100.15 (99.85 to 100.85): VV005754.D (-2260) (-)





#53

m,p-xylene

Concen: 0.72 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV005769.D

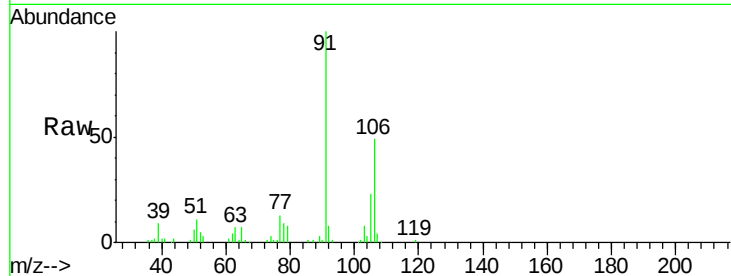
Acq: 03 May 2018 18:16

Tgt Ion:106 Resp: 19730

Ion Ratio Lower Upper

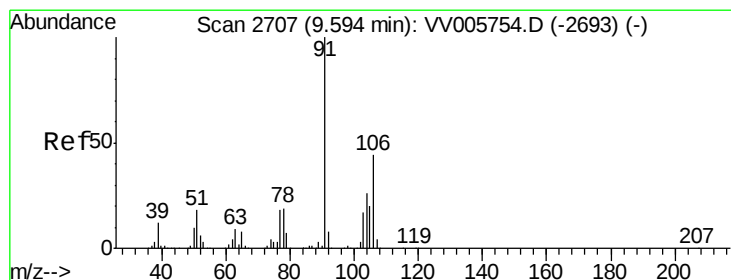
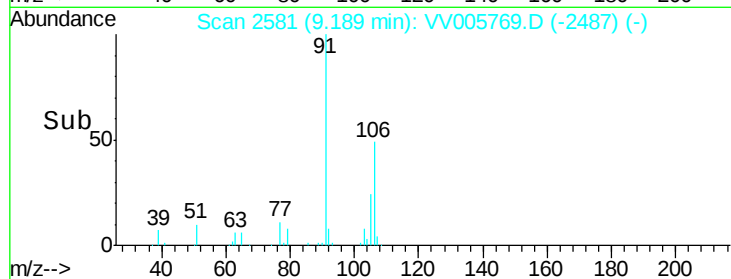
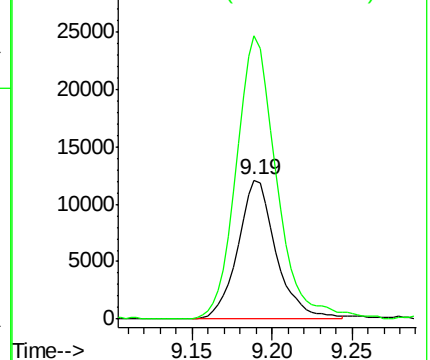
106 100

91 203.5 149.5 277.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.92 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV005769.D

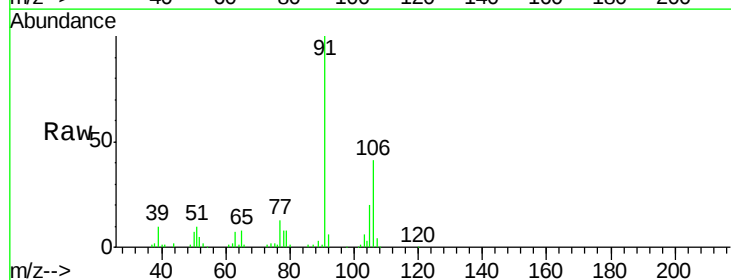
Acq: 03 May 2018 18:16

Tgt Ion:106 Resp: 24664

Ion Ratio Lower Upper

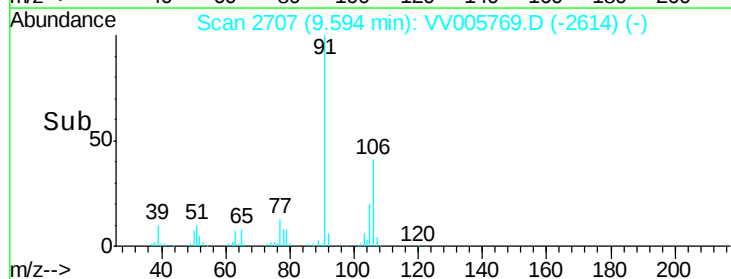
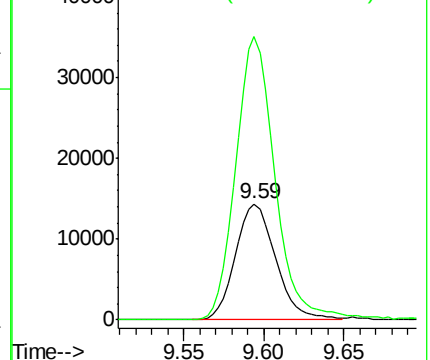
106 100

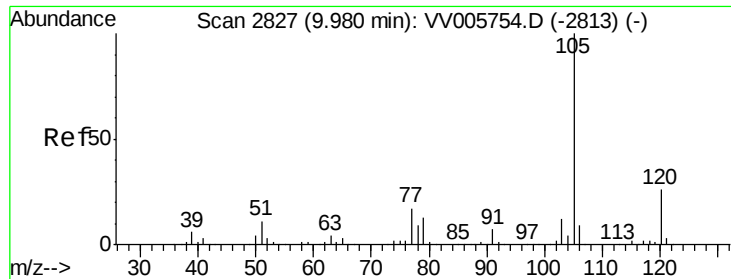
91 243.7 157.2 292.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.47 ug/L

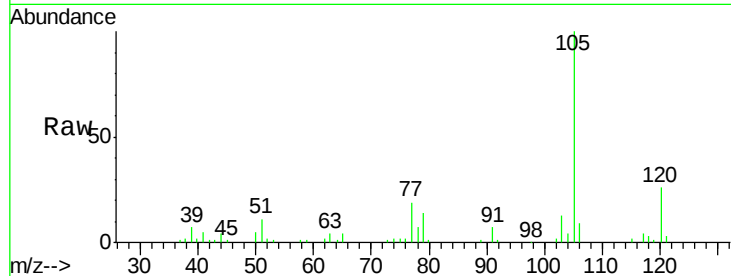
RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV005769.D

Acq: 03 May 2018 18:16

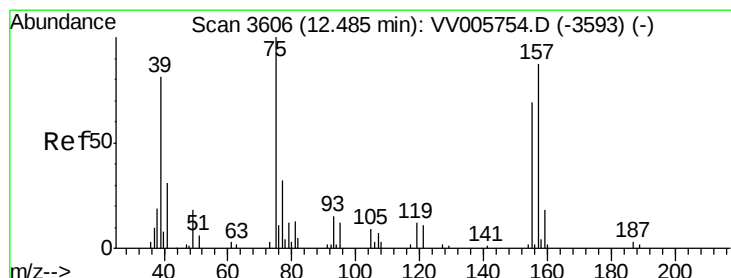
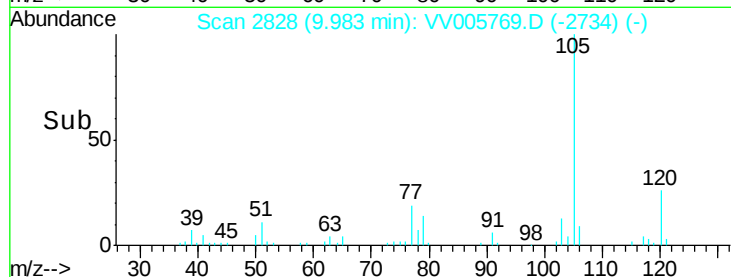
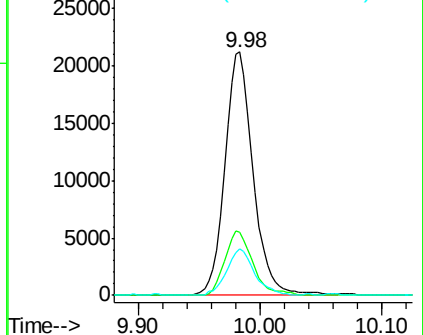
Tgt Ion:	105	Resp:	34516
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.8	31.2
77	18.7	13.6	20.4



Abundance Ion 105.05 (104.75 to 105.75): VV005754.D (-2813) (-)

Ion 120.10 (119.80 to 120.80): VV005754.D (-2813) (-)

Ion 77.10 (76.80 to 77.80): VV005754.D (-2813) (-)



#66

1,2-Dibromo-3-chloropropane

Concen: 3.20 ug/L

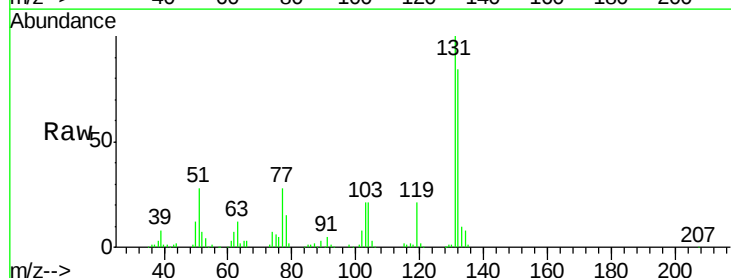
RT: 12.52 min Scan# 3616

Delta R.T. 0.03 min

Lab File: VV005769.D

Acq: 03 May 2018 18:16

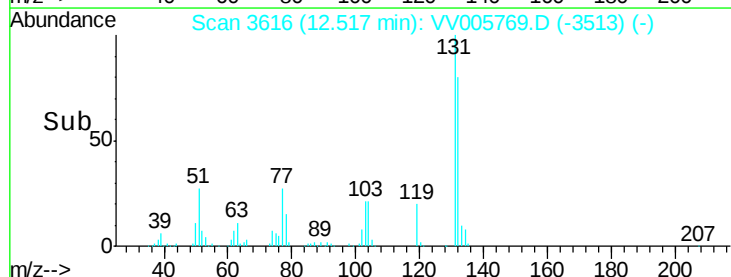
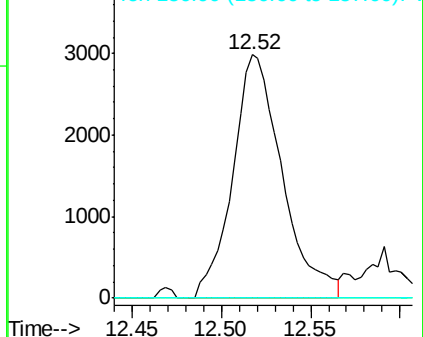
Tgt Ion:	75	Resp:	5790
Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.3	70.9#
157	0.0	75.3	112.9#

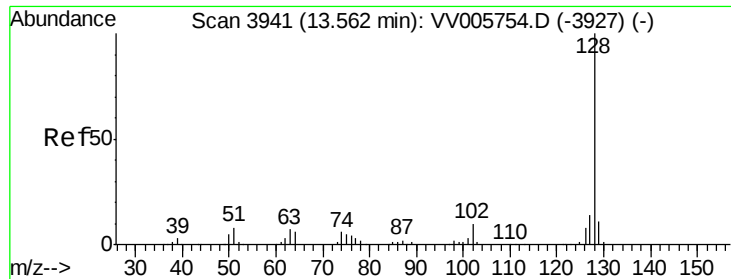


Abundance Ion 75.05 (74.75 to 75.75): VV005754.D (-3593) (-)

Ion 154.95 (154.65 to 155.65): VV005754.D (-3593) (-)

Ion 156.90 (156.60 to 157.60): VV005754.D (-3593) (-)





#69

Naphthalene

Concen: 40.53 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV005769.D

Acq: 03 May 2018 18:16

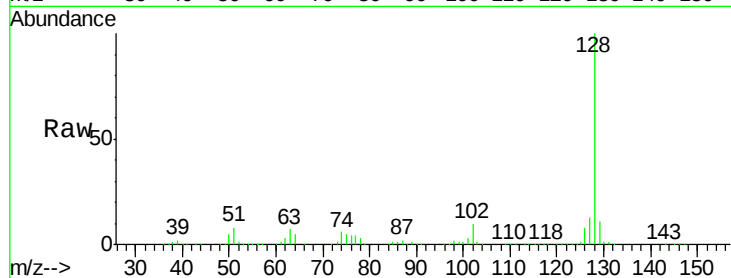
Tgt Ion:128 Resp: 1050163

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

