

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023750.D
 Acq On : 08 May 2018 21:22
 Operator : MD/SY
 Sample : J2746-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 03:41:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	346004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	180337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	118670	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.70%
7) Chloroethane-d5	1.68	69	93854	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.27	63	173289	34.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.10%
21) 2-Butanone-d5	4.18	46	237497	119.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.24%
24) Chloroform-d	4.65	84	215250	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.31	65	141790	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.35	84	453671	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	6.34	67	155198	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.57	98	419533	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	45379	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.80%
47) 2-Hexanone-d5	8.31	63	185600	132.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.31%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	215775	50.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	179497	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

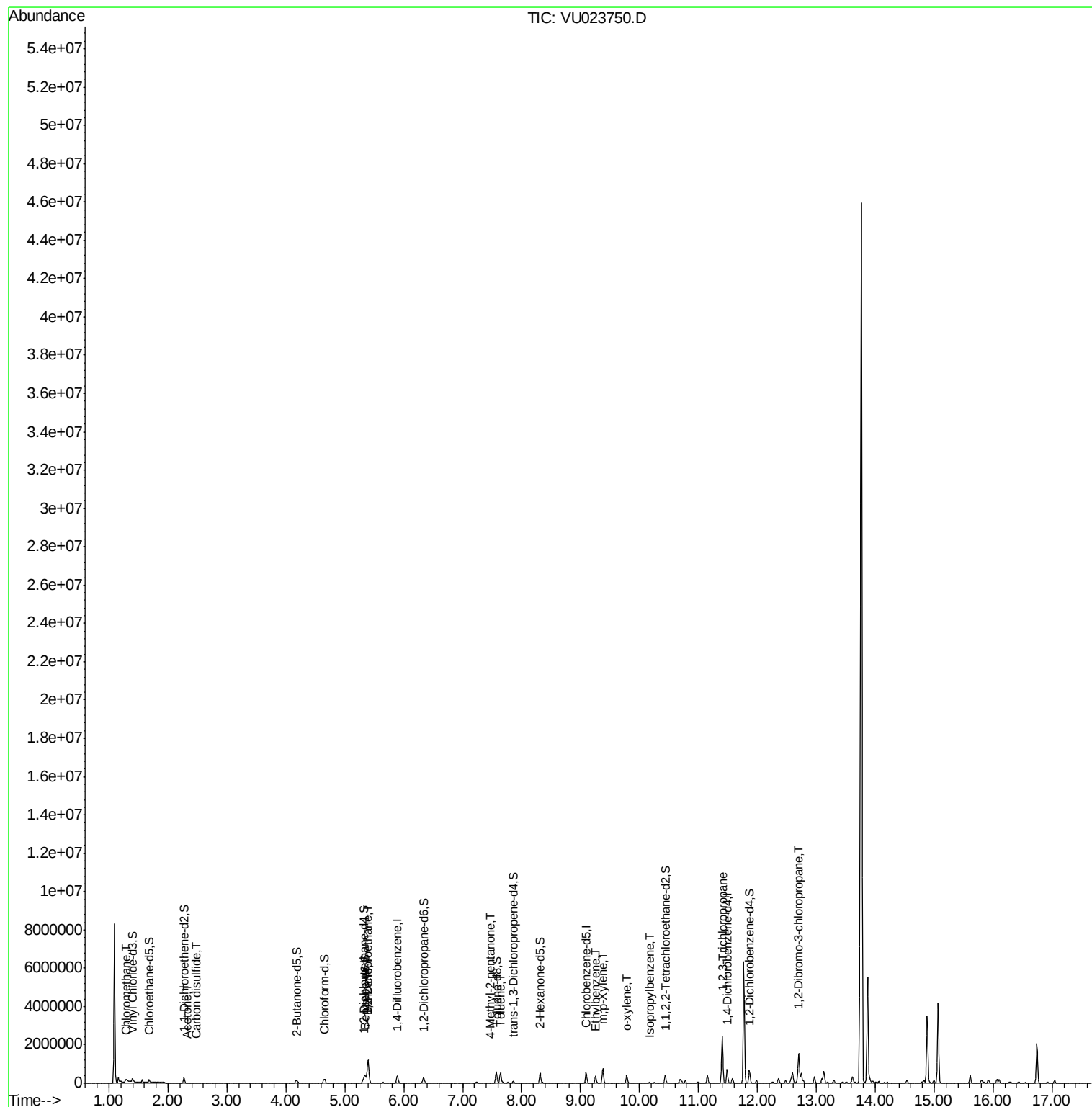
Target Compounds

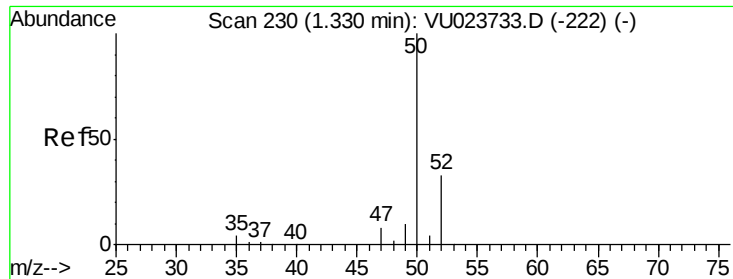
						Qvalue
3) Chloromethane	1.30	50	5110	1.75	ug/L	# 42
13) Acetone	2.32	43	3463	1.58	ug/L	95
14) Carbon disulfide	2.48	76	13550	1.76	ug/L	97
27) 1,2-Dichloroethane	5.39	62	10063	2.56	ug/L	# 73
33) Benzene	5.39	78	1215674	107.66	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	6384	1.46	ug/L	92
42) Toluene	7.64	91	463676	39.30	ug/L	99
52) Ethylbenzene	9.25	91	271387	20.89	ug/L	99
53) m,p-Xylene	9.38	106	214516	43.46	ug/L	97
54) o-xylene	9.78	106	117721	24.44	ug/L	98
56) Isopropylbenzene	10.17	105	18975	1.50	ug/L	97
59) 1,2,3-Trichloropropane	11.40	75	12298	3.18	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.70	75	33726	32.67	ug/L	# 1

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

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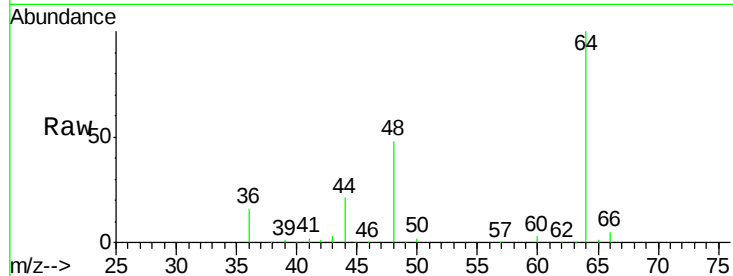
Quant Time: May 09 03:41:43 2018
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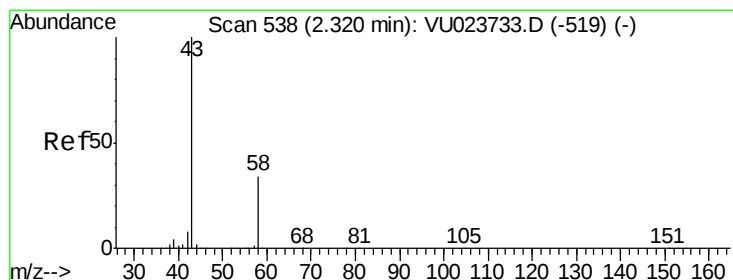
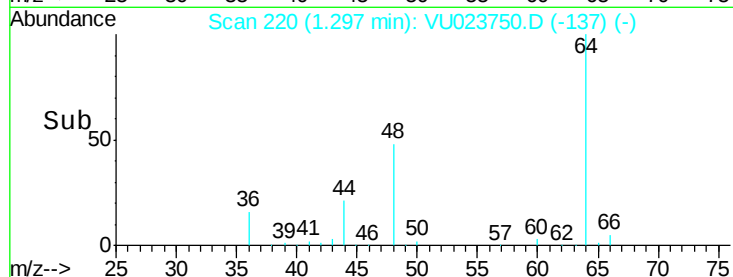
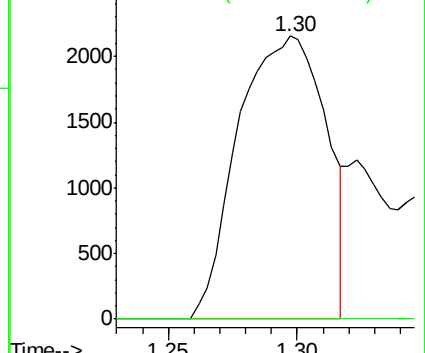


#3
Chloromethane
Concen: 1.75 ug/L
RT: 1.30 min Scan# 220
Delta R.T. -0.03 min
Lab File: VU023750.D
Acq: 08 May 2018 21:22

Tgt Ion: 50 Resp: 5110
Ion Ratio Lower Upper
50 100
52 0.0 22.8 42.4#

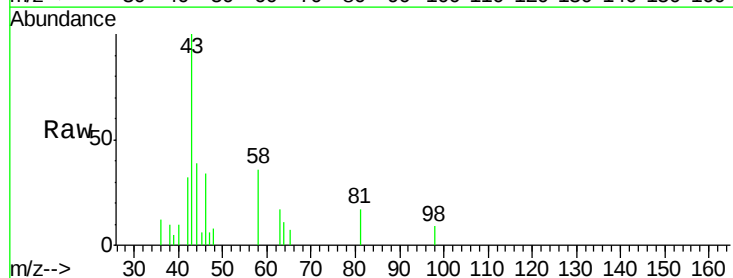


Abundance Ion 50.00 (49.70 to 50.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

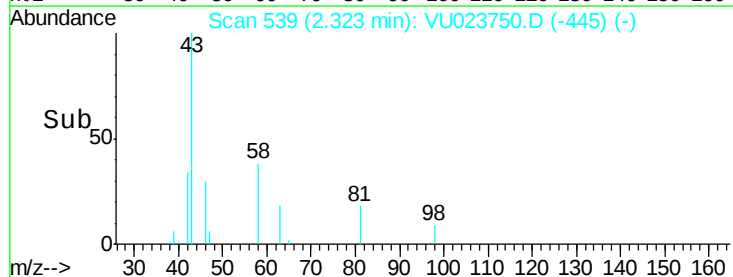
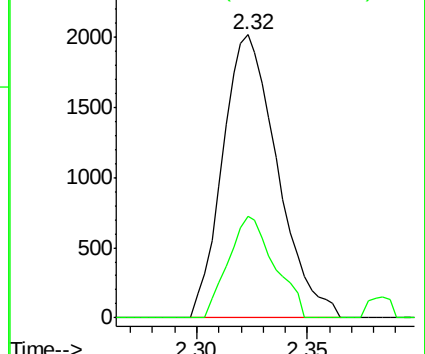


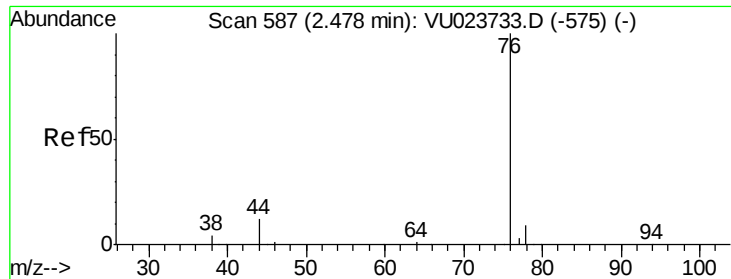
#13
Acetone
Concen: 1.58 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU023750.D
Acq: 08 May 2018 21:22

Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
58 30.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#14

Carbon disulfide

Concen: 1.76 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023750.D

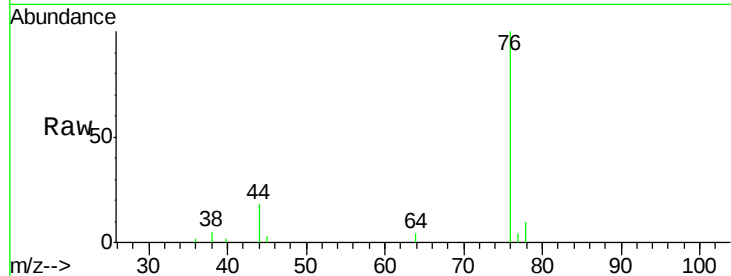
Acq: 08 May 2018 21:22

Tgt Ion: 76 Resp: 13550

Ion Ratio Lower Upper

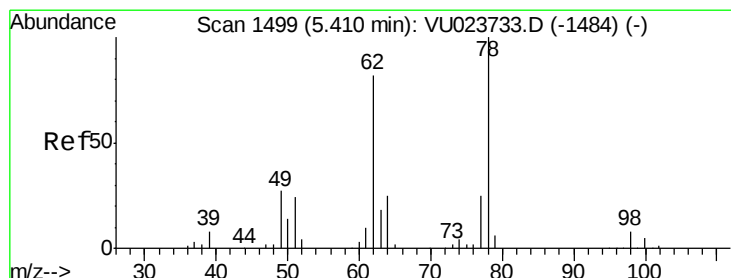
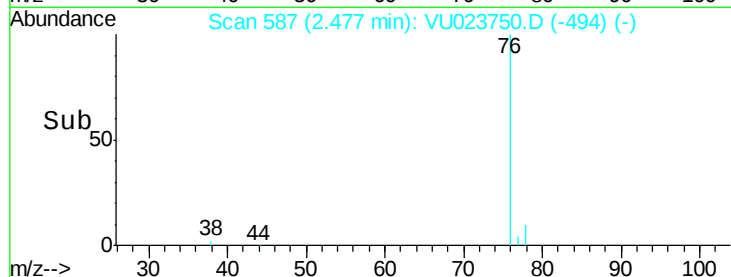
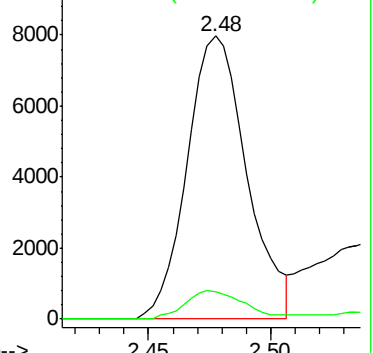
76 100

78 9.8 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#27

1,2-Dichloroethane

Concen: 2.56 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.02 min

Lab File: VU023750.D

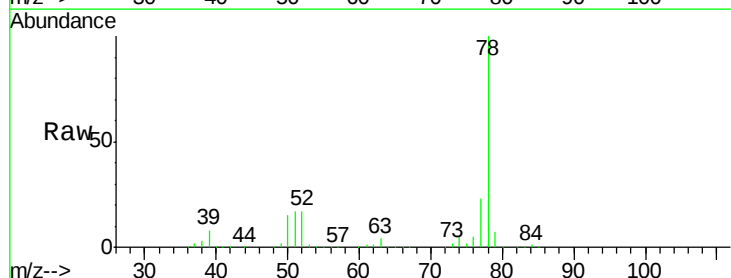
Acq: 08 May 2018 21:22

Tgt Ion: 62 Resp: 10063

Ion Ratio Lower Upper

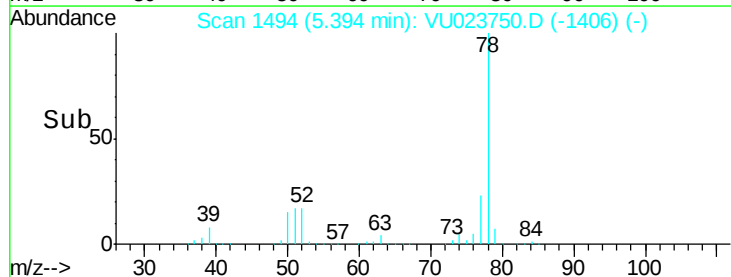
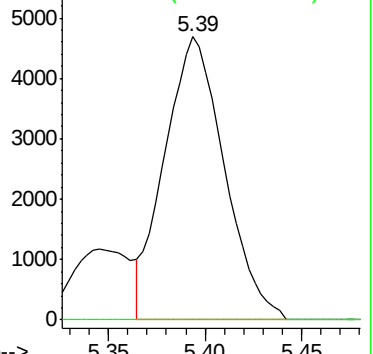
62 100

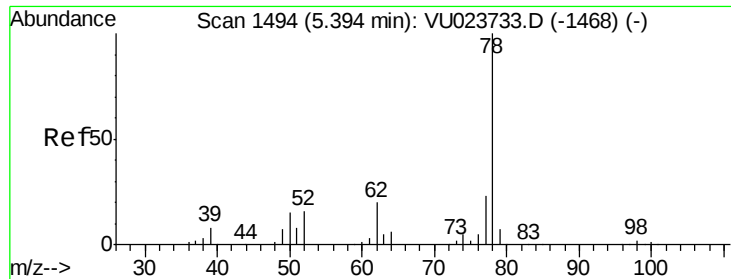
98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 107.66 ug/L

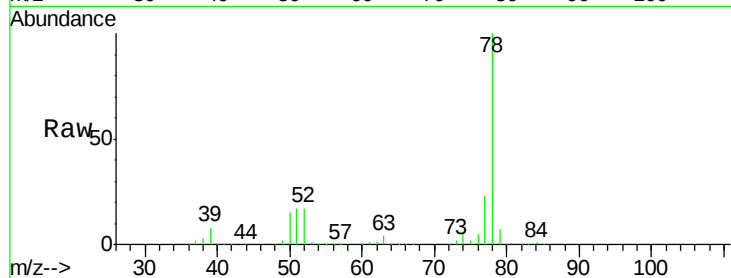
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

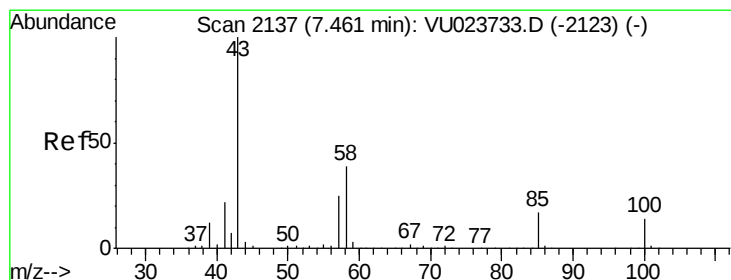
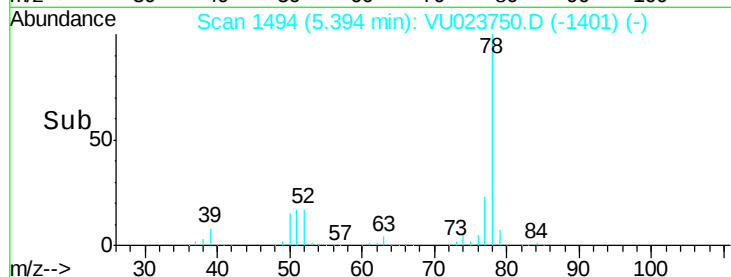
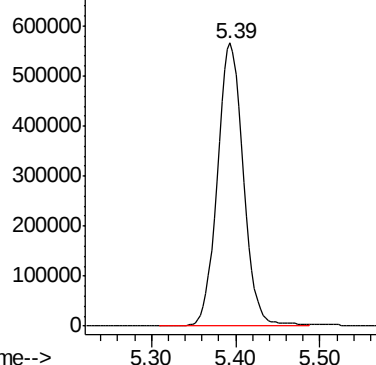
Lab File: VU023750.D

Acq: 08 May 2018 21:22

Tgt Ion: 78 Resp: 1215674



Abundance Ion 78.00 (77.70 to 78.70): VU0



#40

4-Methyl-2-pentanone

Concen: 1.46 ug/L

RT: 7.46 min Scan# 2138

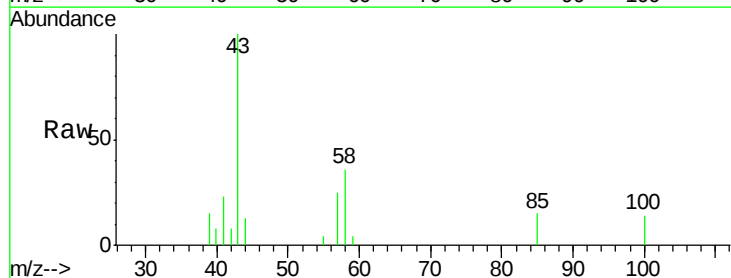
Delta R.T. 0.00 min

Lab File: VU023750.D

Acq: 08 May 2018 21:22

Tgt Ion: 43 Resp: 6384

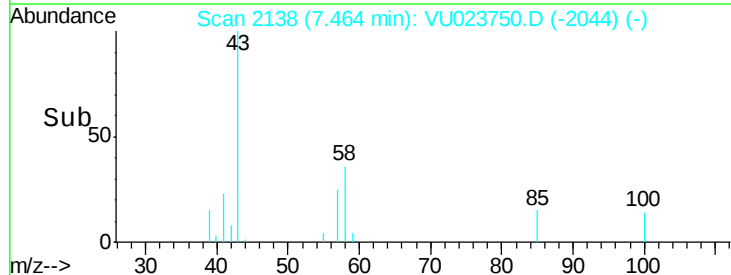
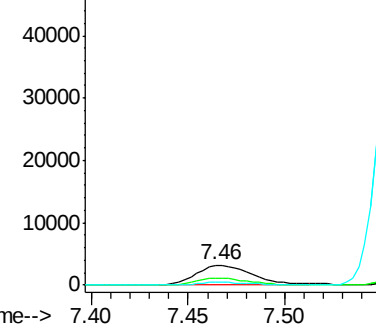
Ion	Ratio	Lower	Upper
43	100		
58	33.3	31.3	46.9
100	12.3	11.2	16.8

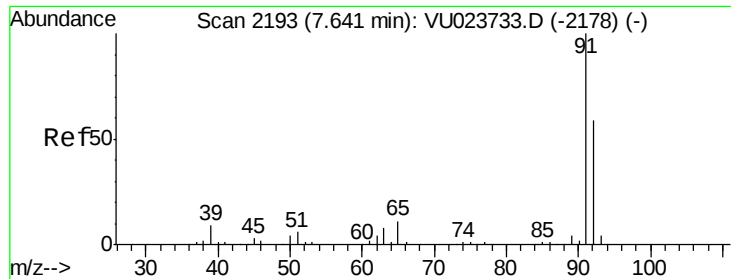


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#42

Toluene

Concen: 39.30 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023750.D

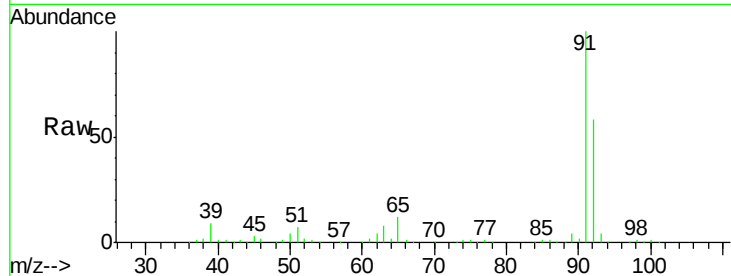
Acq: 08 May 2018 21:22

Tgt Ion: 91 Resp: 463676

Ion Ratio Lower Upper

91 100

92 57.5 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU023733.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU023733.D (-2178) (-)

7.64

250000

200000

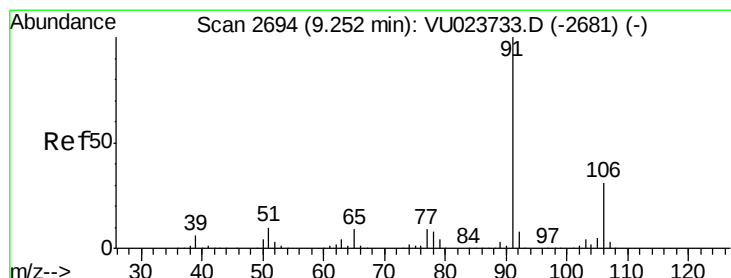
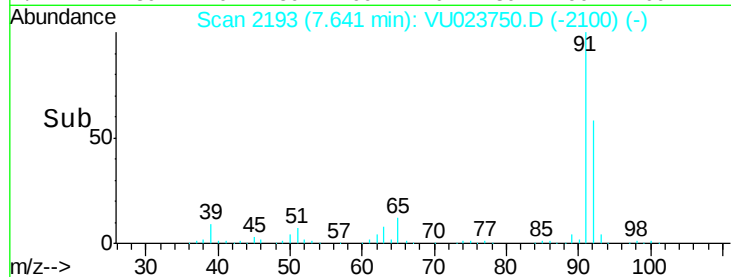
150000

100000

50000

0

Time-->



#52

Ethylbenzene

Concen: 20.89 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023750.D

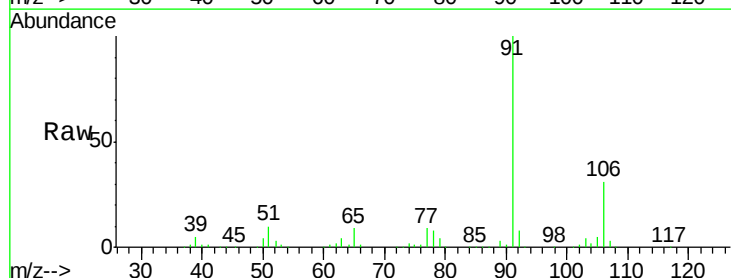
Acq: 08 May 2018 21:22

Tgt Ion: 91 Resp: 271387

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU023733.D (-2681) (-)

Ion 106.00 (105.70 to 106.70): VU023733.D (-2681) (-)

9.25

250000

200000

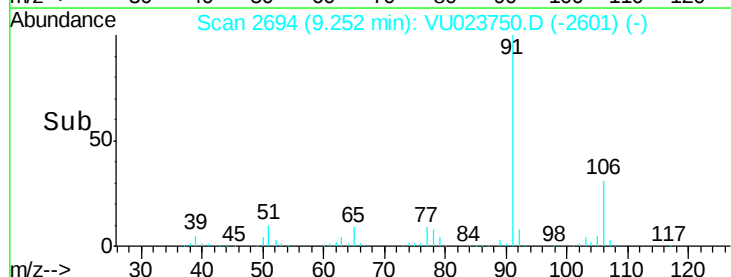
150000

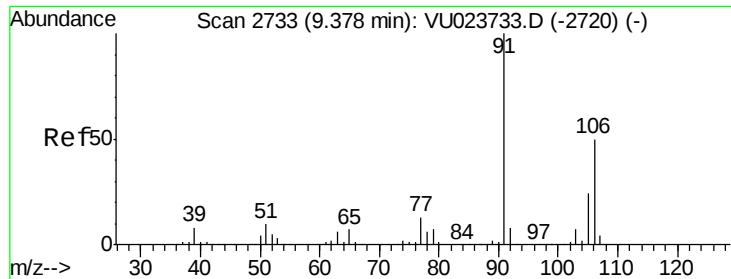
100000

50000

0

Time-->





#53

m,p-Xylene

Concen: 43.46 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023750.D

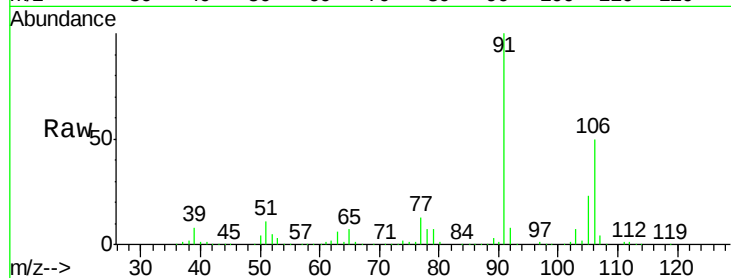
Acq: 08 May 2018 21:22

Tgt Ion:106 Resp: 214516

Ion Ratio Lower Upper

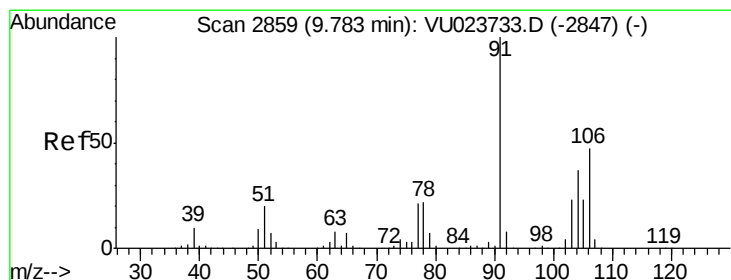
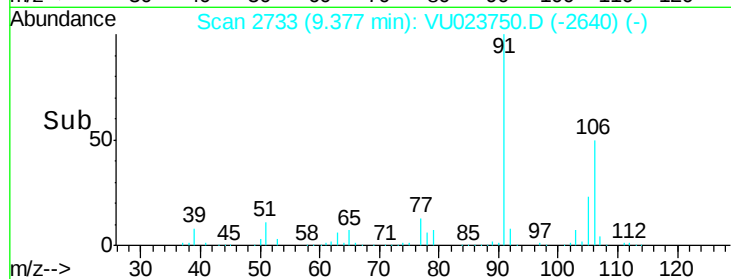
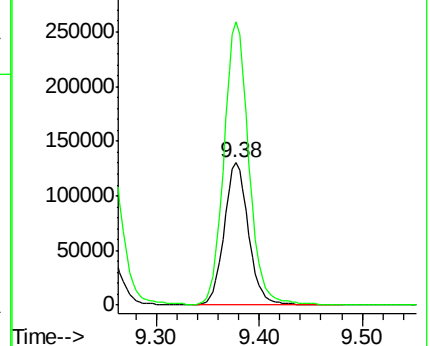
106 100

91 199.1 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 24.44 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023750.D

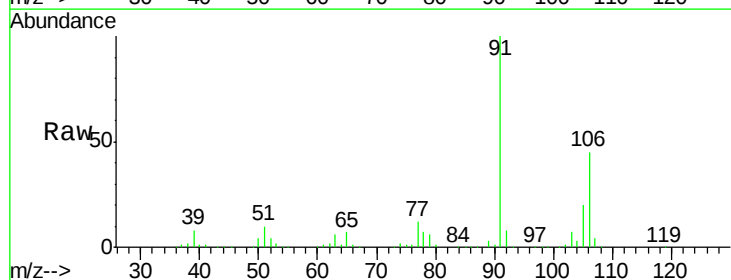
Acq: 08 May 2018 21:22

Tgt Ion:106 Resp: 117721

Ion Ratio Lower Upper

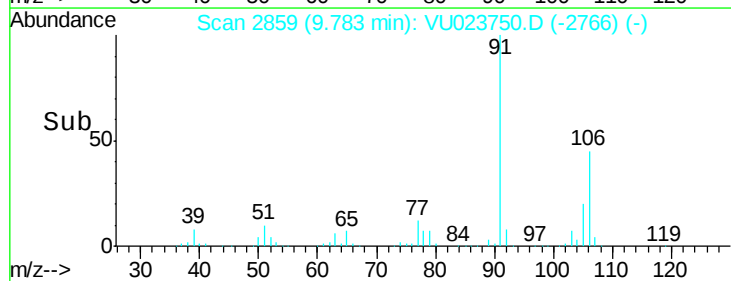
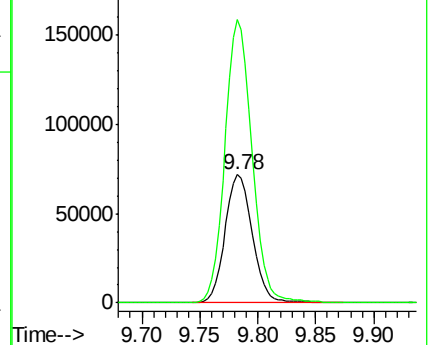
106 100

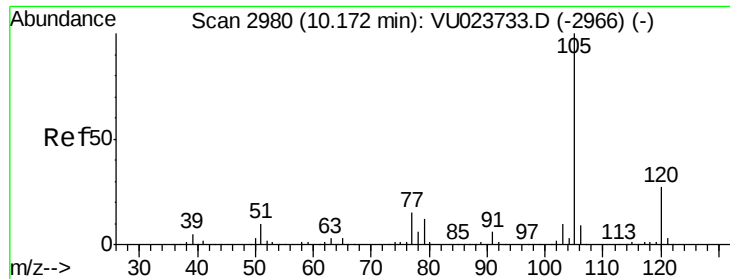
91 221.1 152.6 283.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 1.50 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023750.D

Acq: 08 May 2018 21:22

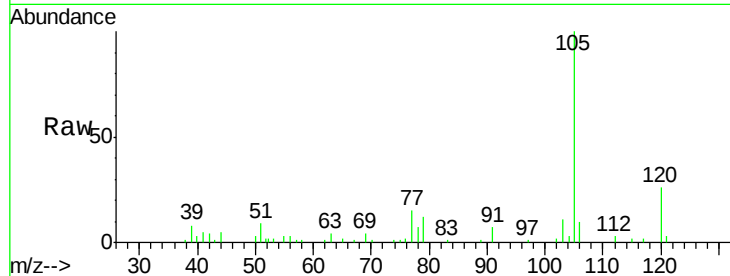
Tgt Ion: 105 Resp: 18975

Ion Ratio Lower Upper

105 100

120 25.3 21.3 31.9

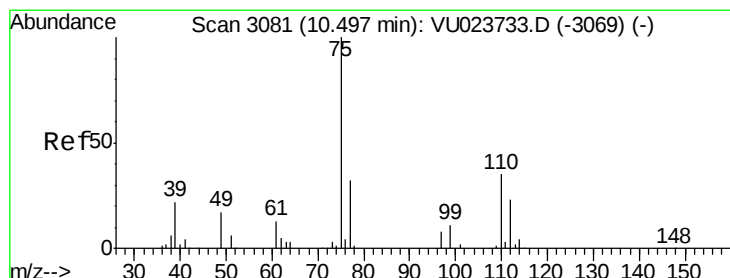
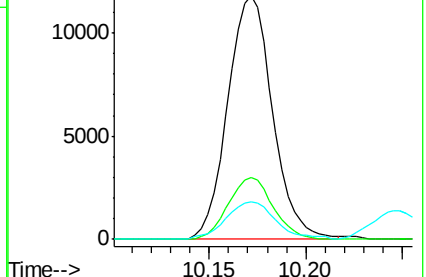
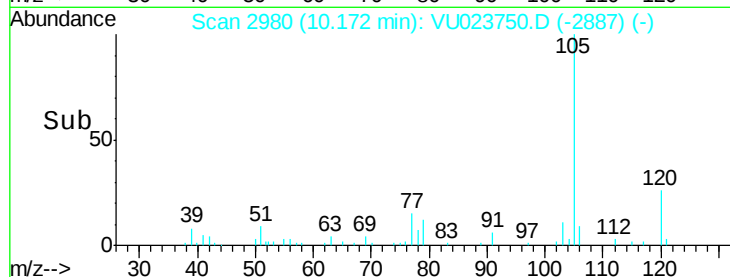
77 17.1 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 3.18 ug/L

RT: 11.40 min Scan# 3363

Delta R.T. 0.91 min

Lab File: VU023750.D

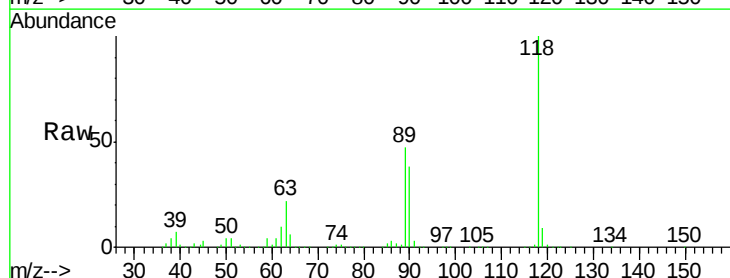
Acq: 08 May 2018 21:22

Tgt Ion: 75 Resp: 12298

Ion Ratio Lower Upper

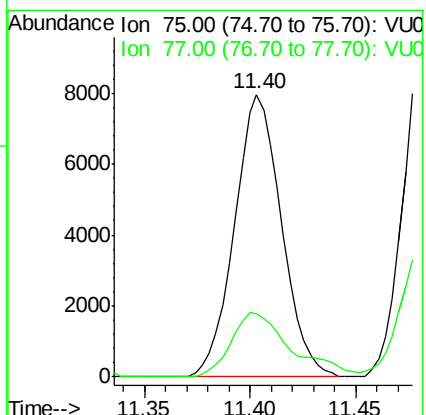
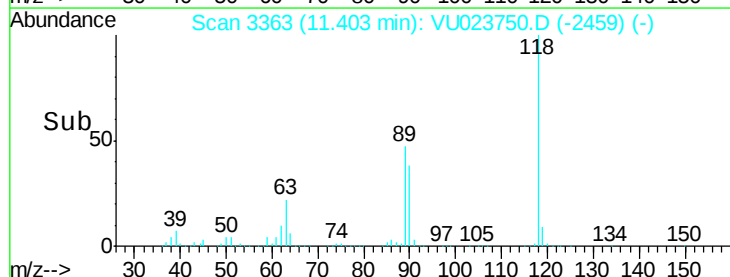
75 100

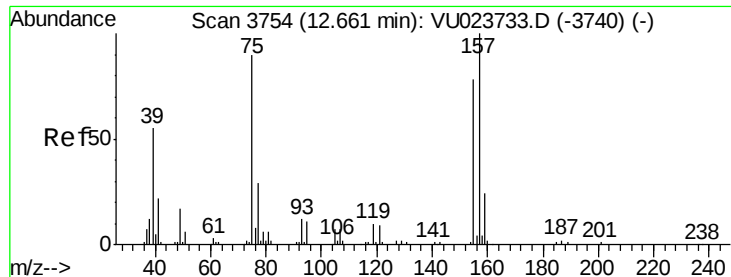
77 29.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V





#66

1,2-Dibromo-3-chloropropane

Concen: 32.67 ug/L

RT: 12.70 min Scan# 3766

Delta R.T. 0.04 min

Lab File: VU023750.D

Acq: 08 May 2018 21:22

Tgt Ion: 75 Resp: 33726

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 90.6 136.0#

