

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
 Data File : VU023717.D
 Acq On : 07 May 2018 15:54
 Operator : MD/SY
 Sample : J2725-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 08 04:50:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 08 04:32:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	336660	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	175709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98049	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.18%
7) Chloroethane-d5	1.68	69	81457	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.27	63	153109	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.18	46	234910	142.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	142.49%#
24) Chloroform-d	4.65	84	196787	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.31	65	133459	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.35	84	418165	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.34	67	144732	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	7.57	98	383992	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%
43) trans-1,3-Dichloropropene-	7.85	79	59090	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.31	63	180140	165.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	165.12%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	200935	54.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	167691	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	4996	1.28	ug/L	# 42
13) Acetone	2.32	43	24682	10.08	ug/L	99
14) Carbon disulfide	2.48	76	24796	2.93	ug/L	100
22) 2-Butanone	4.27	43	6959	2.55	ug/L	98
27) 1,2-Dichloroethane	5.39	62	28373	6.99	ug/L	# 75
33) Benzene	5.39	78	3556052	315.67	ug/L	100
37) 1,2-Dichloropropane	6.34	63	14789	4.58	ug/L	# 88
42) Toluene	7.64	91	4633869	396.87	ug/L	98
45) 1,1,2-Trichloroethane	7.94	97	32971	12.02	ug/L	# 17
48) 2-Hexanone	8.31	43	20305	5.91	ug/L	# 69
52) Ethylbenzene	9.26	91	887367	70.11	ug/L	99
53) m,p-Xylene	9.38	106	921028	190.79	ug/L	99
54) o-xylene	9.78	106	463284	101.29	ug/L	98
55) Styrene	9.79	104	31437	3.93	ug/L	# 1
56) Isopropylbenzene	10.17	105	41814	3.48	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.70	75	28854	30.66	ug/L	# 1

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

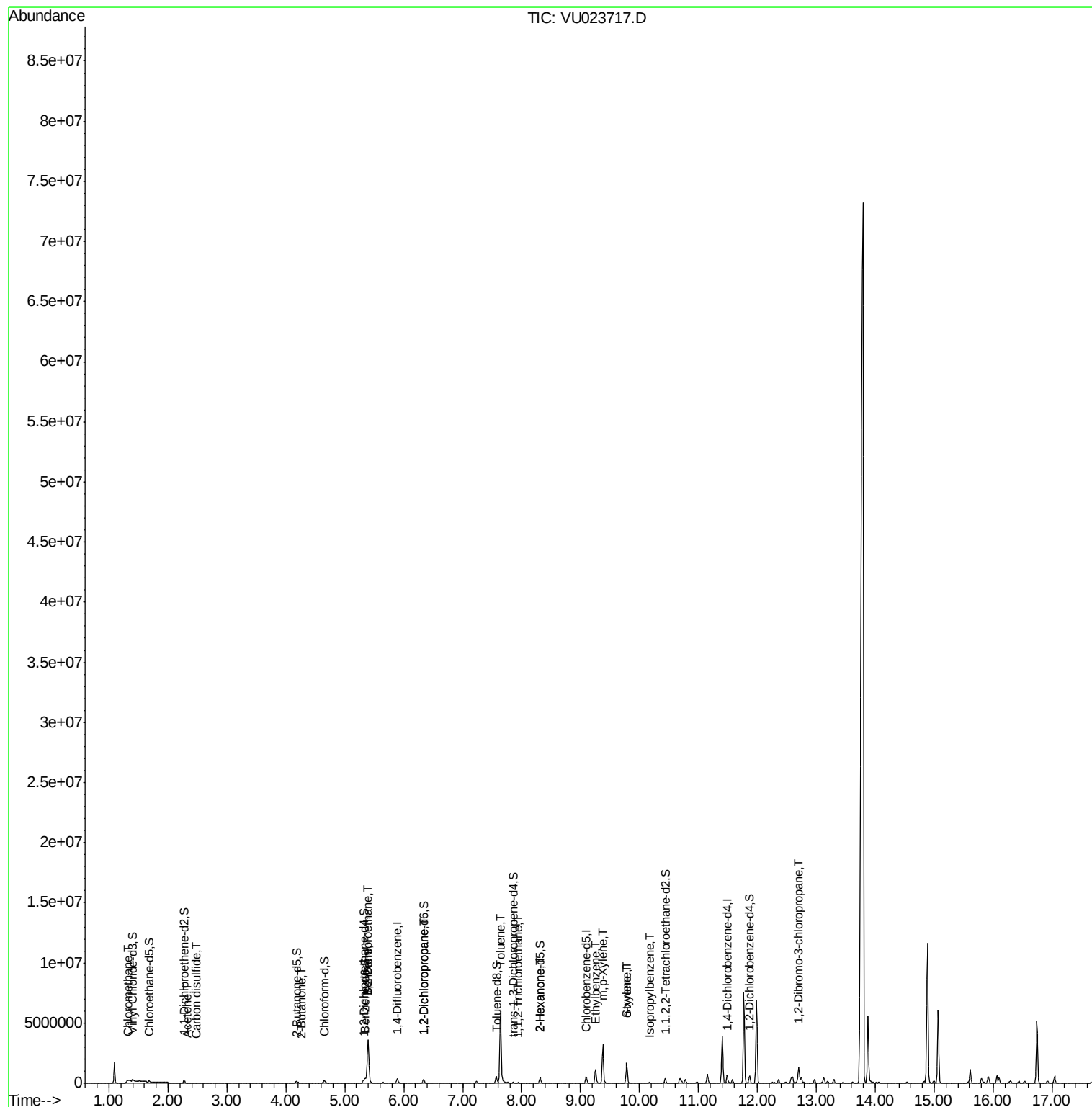
Quant Time: May 08 04:50:10 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 08 04:32:26 2018
Response via : Initial Calibration

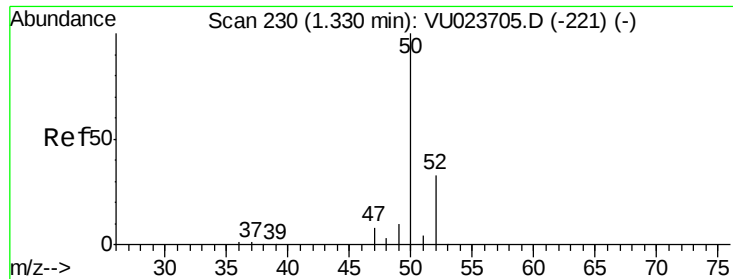
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
Data File : VU023717.D
Acq On : 07 May 2018 15:54
Operator : MD/SY
Sample : J2725-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

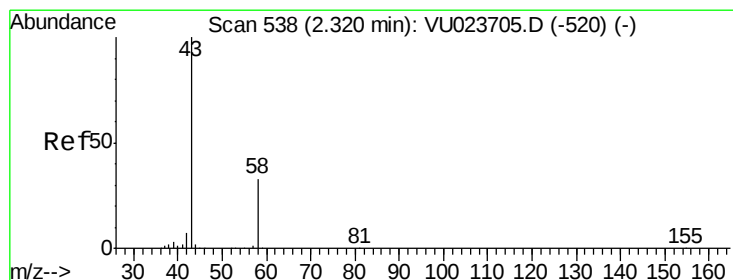
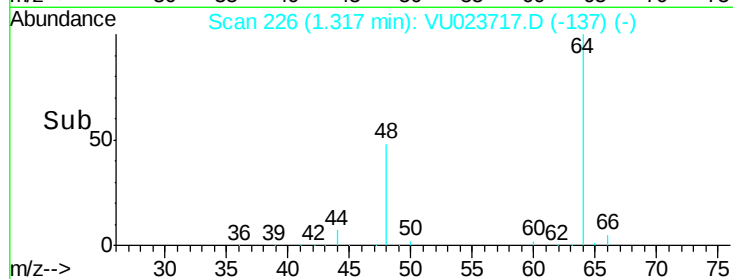
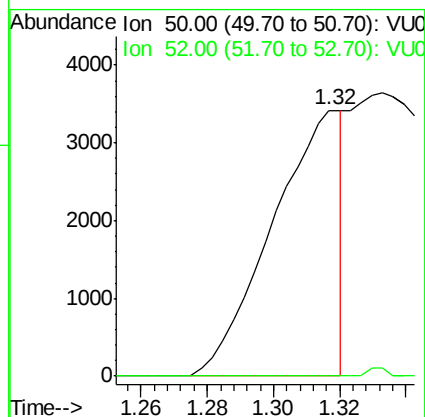
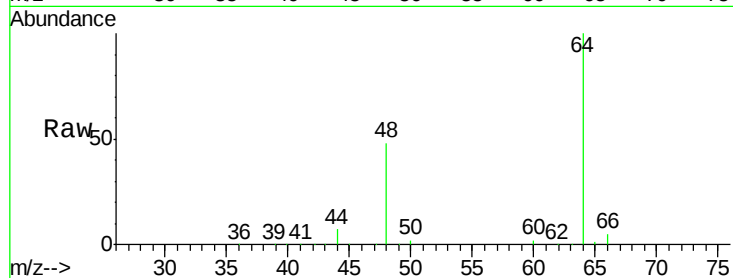
Quant Time: May 08 04:50:10 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 08 04:32:26 2018
Response via : Initial Calibration





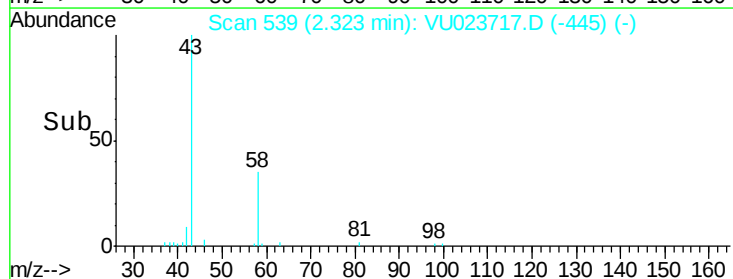
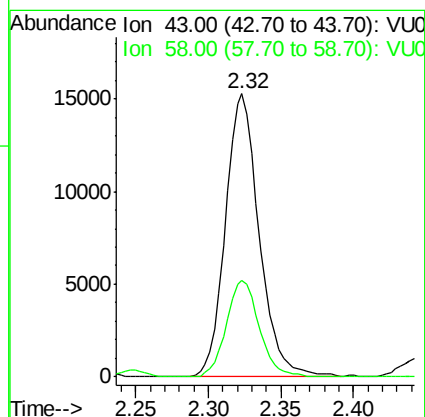
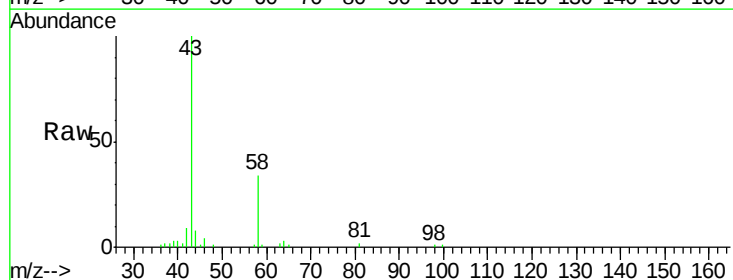
#3
Chloromethane
Concen: 1.28 ug/L
RT: 1.32 min Scan# 226
Delta R.T. -0.01 min
Lab File: VU023717.D
Acq: 07 May 2018 15:54

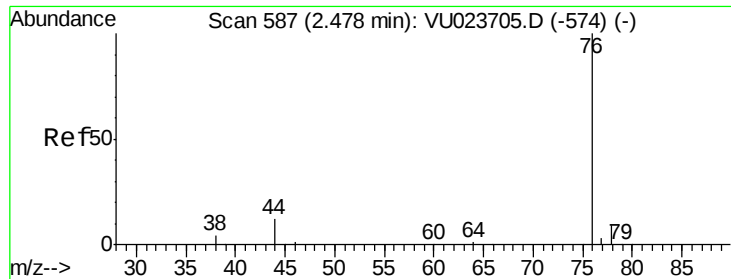
Tgt Ion: 50 Resp: 4996
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#13
Acetone
Concen: 10.08 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU023717.D
Acq: 07 May 2018 15:54

Tgt Ion: 43 Resp: 24682
Ion Ratio Lower Upper
43 100
58 33.2 0.0 64.8





#14

Carbon disulfide

Concen: 2.93 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023717.D

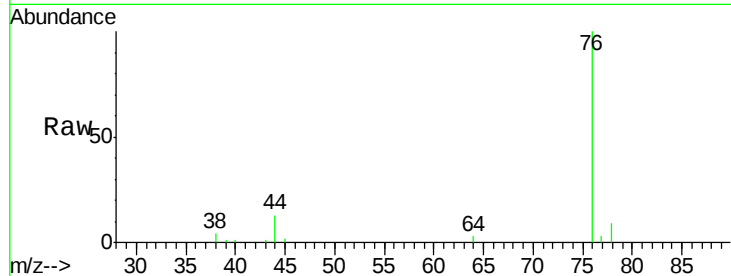
Acq: 07 May 2018 15:54

Tgt Ion: 76 Resp: 24796

Ion Ratio Lower Upper

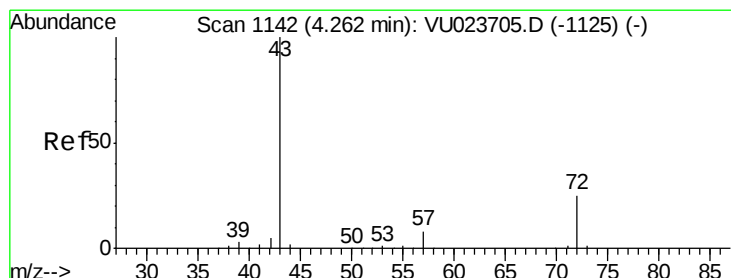
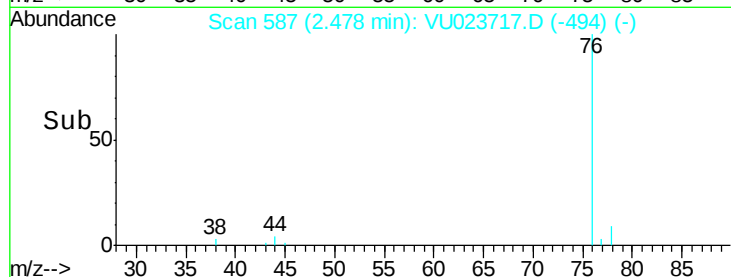
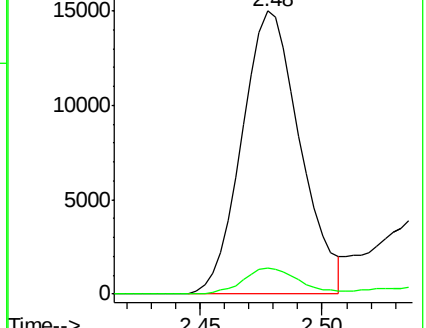
76 100

78 9.4 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU023717.D (-494) (-)

Ion 78.00 (77.70 to 78.70): VU023717.D (-494) (-)



#22

2-Butanone

Concen: 2.55 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU023717.D

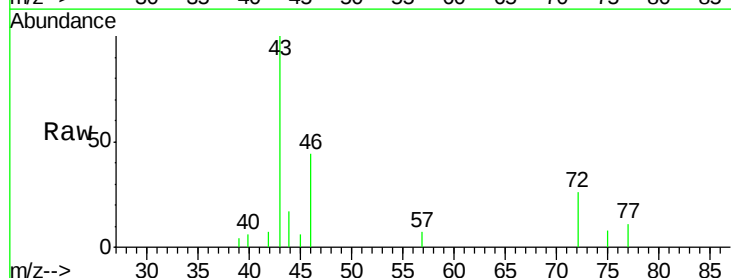
Acq: 07 May 2018 15:54

Tgt Ion: 43 Resp: 6959

Ion Ratio Lower Upper

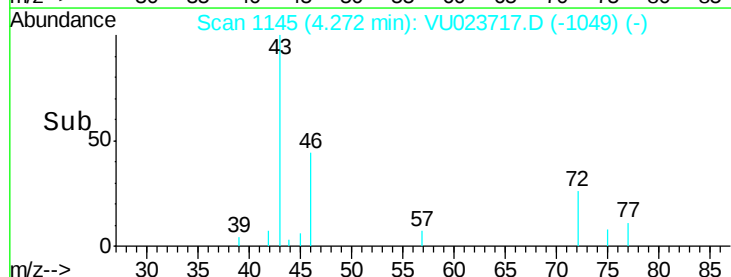
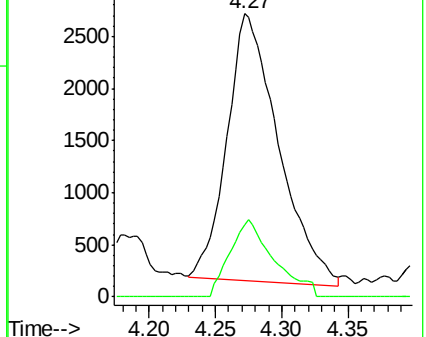
43 100

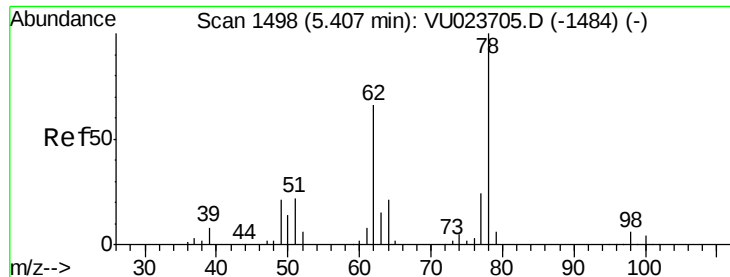
72 23.4 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU023717.D (-1049) (-)

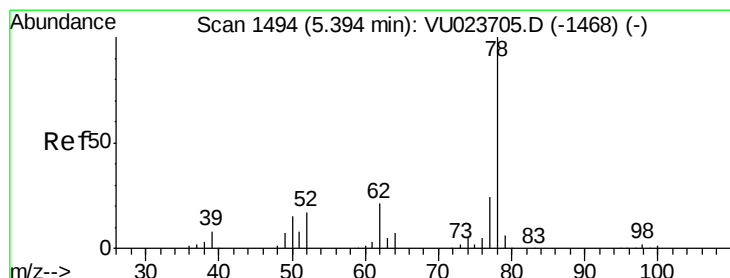
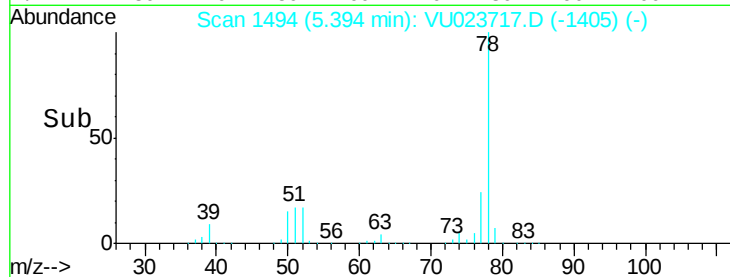
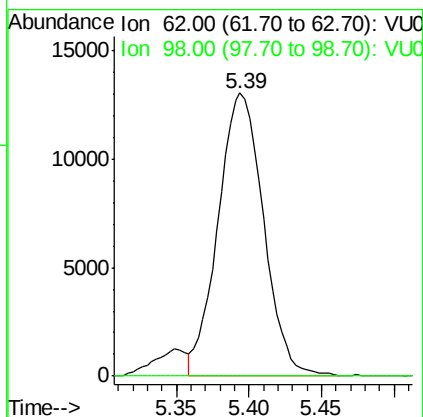
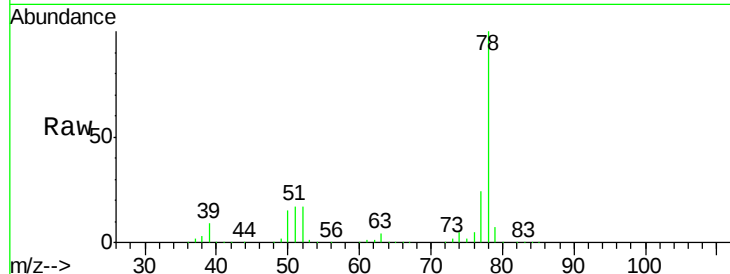
Ion 72.00 (71.70 to 72.70): VU023717.D (-1049) (-)





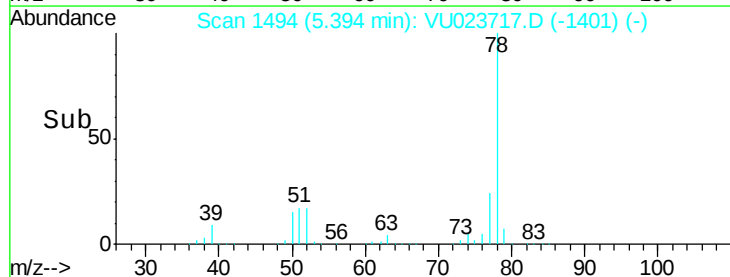
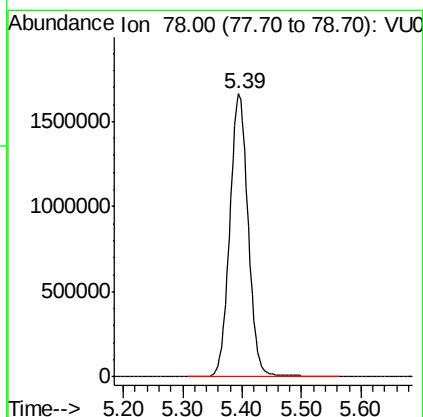
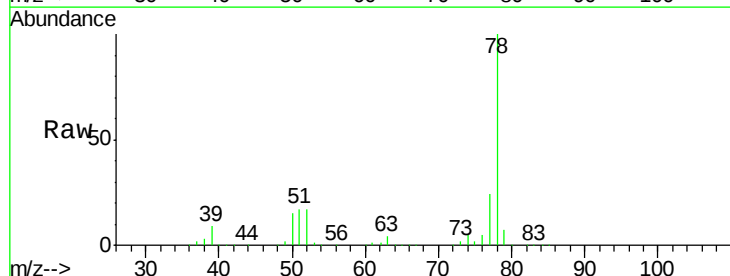
#27
 1,2-Dichloroethane
 Concen: 6.99 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VU023717.D
 Acq: 07 May 2018 15:54

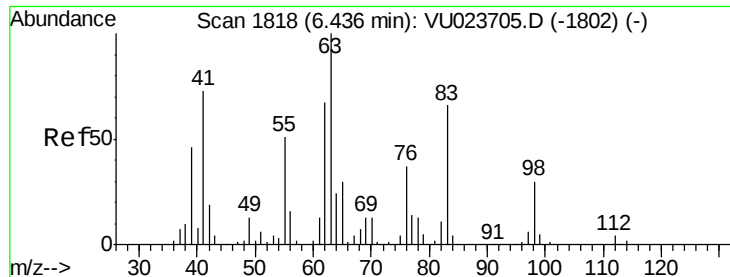
Tgt Ion: 62 Resp: 28373
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#



#33
 Benzene
 Concen: 315.67 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU023717.D
 Acq: 07 May 2018 15:54

Tgt Ion: 78 Resp: 3556052





#37

1,2-Dichloropropane

Concen: 4.58 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023717.D

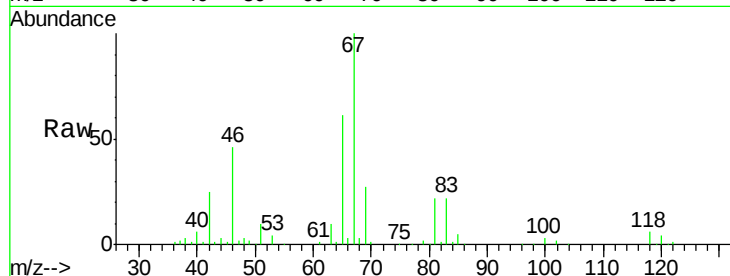
Acq: 07 May 2018 15:54

Tgt Ion: 63 Resp: 14789

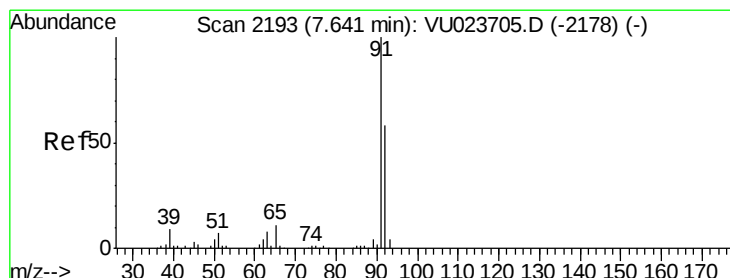
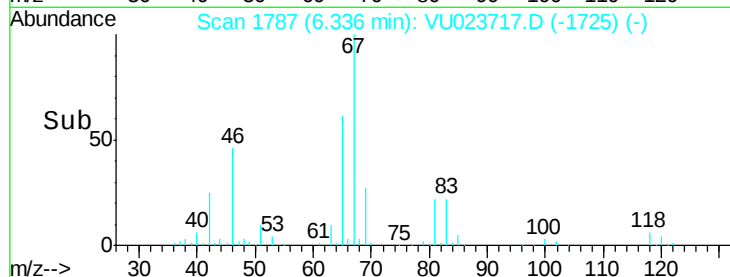
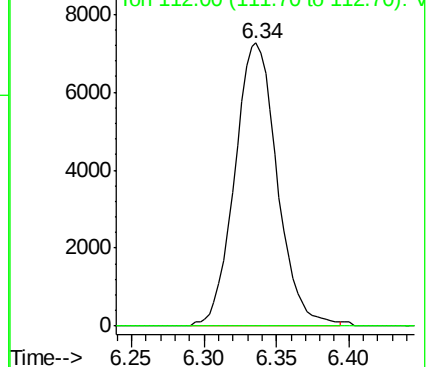
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU023717.D (-1787) (-)



#42

Toluene

Concen: 396.87 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023717.D

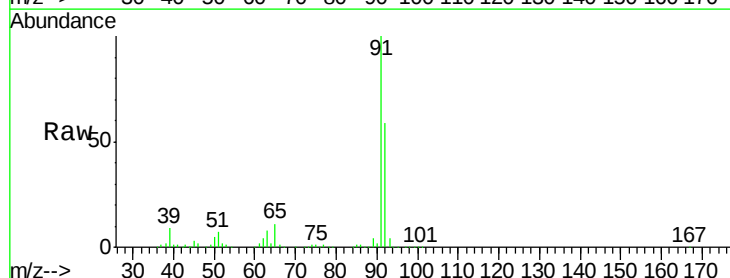
Acq: 07 May 2018 15:54

Tgt Ion: 91 Resp: 4633869

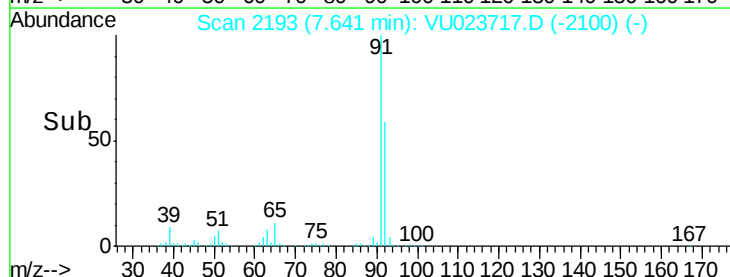
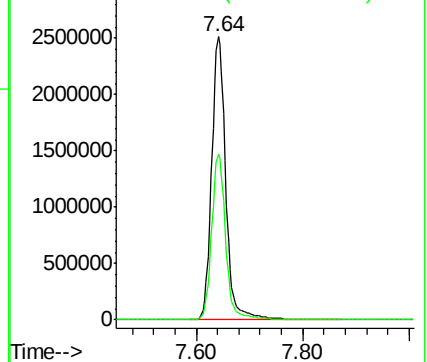
Ion Ratio Lower Upper

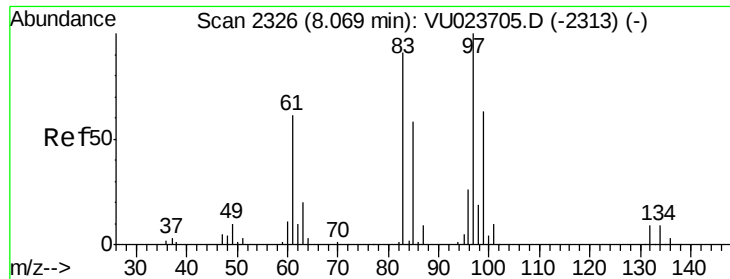
91 100

92 58.7 40.3 74.9



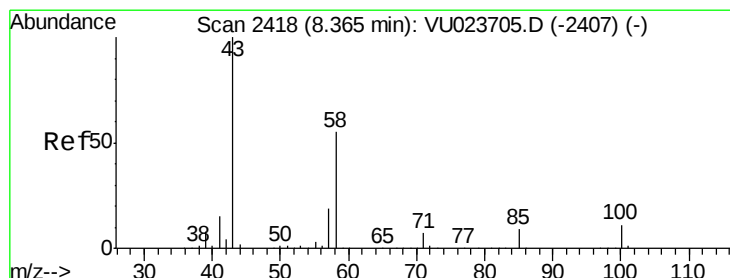
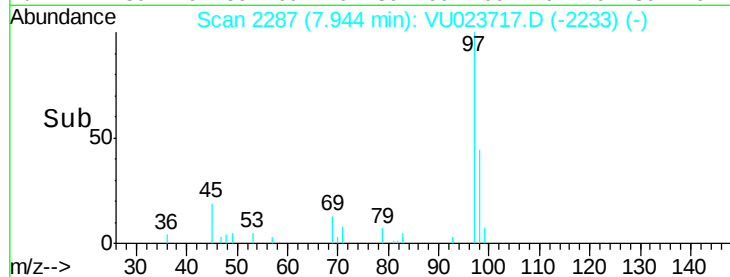
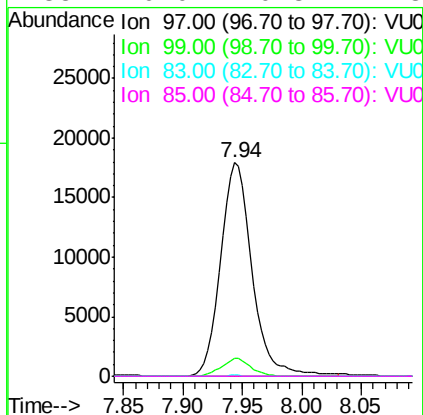
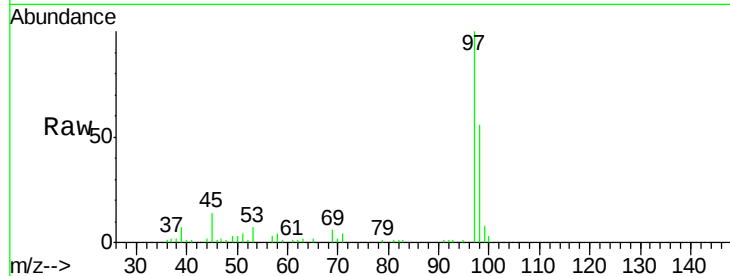
Abundance Ion 91.00 (90.70 to 91.70): VU023717.D (-2193) (-)





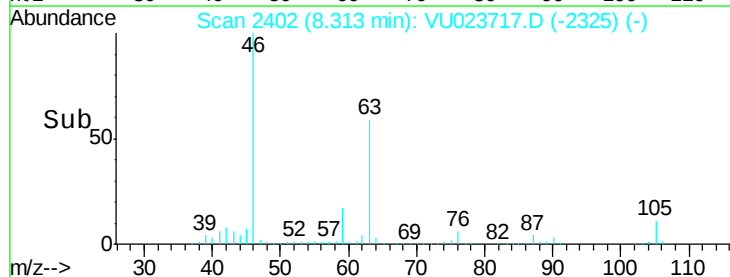
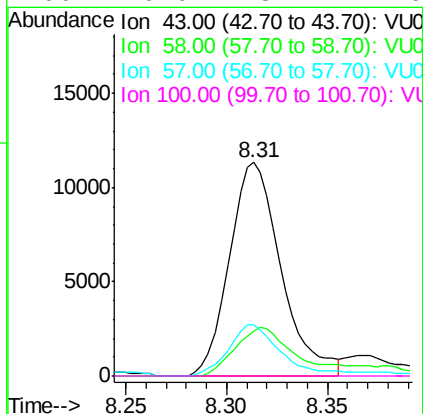
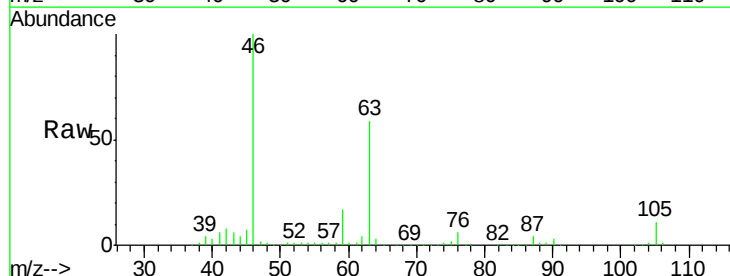
#45
 1,1,2-Trichloroethane
 Concen: 12.02 ug/L
 RT: 7.94 min Scan# 2287
 Delta R.T. -0.13 min
 Lab File: VU023717.D
 Acq: 07 May 2018 15:54

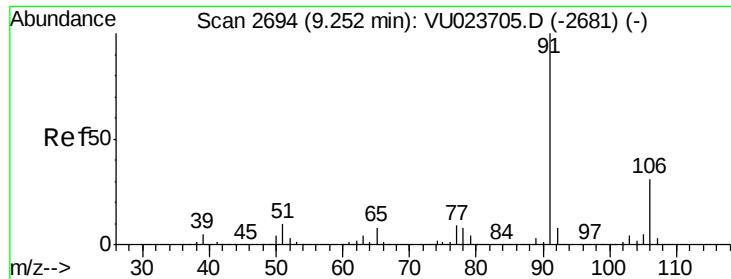
Tgt Ion:	97	Resp:	32971
Ion	Ratio	Lower	Upper
97	100		
99	8.4	44.2	82.2#
83	0.9	63.1	117.1#
85	0.0	40.3	74.8#



#48
 2-Hexanone
 Concen: 5.91 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU023717.D
 Acq: 07 May 2018 15:54

Tgt Ion:	43	Resp:	20305
Ion	Ratio	Lower	Upper
43	100		
58	27.0	43.0	64.6#
57	23.5	14.6	22.0#
100	0.0	8.4	12.6#





#52

Ethylbenzene

Concen: 70.11 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023717.D

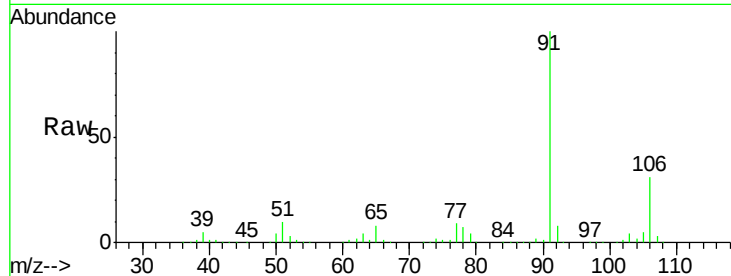
Acq: 07 May 2018 15:54

Tgt Ion: 91 Resp: 887367

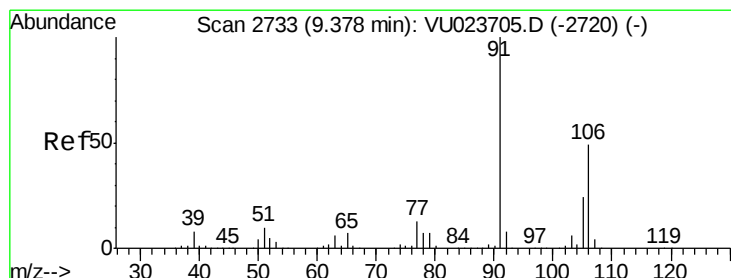
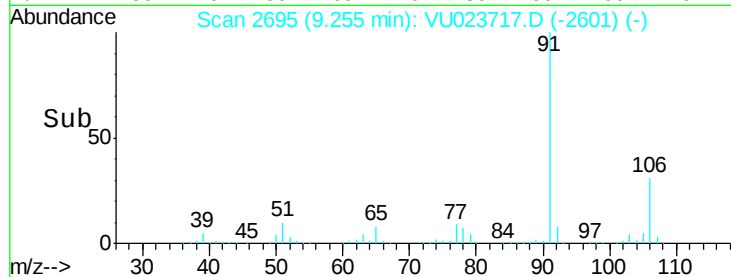
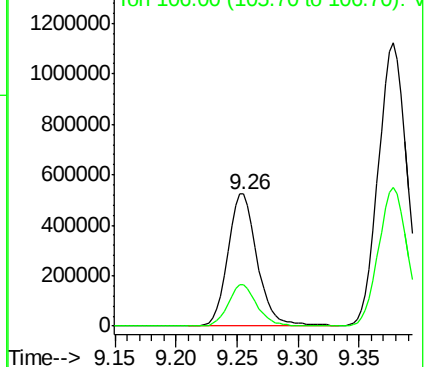
Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU023717.D (-2681) (-)



#53

m,p-Xylene

Concen: 190.79 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023717.D

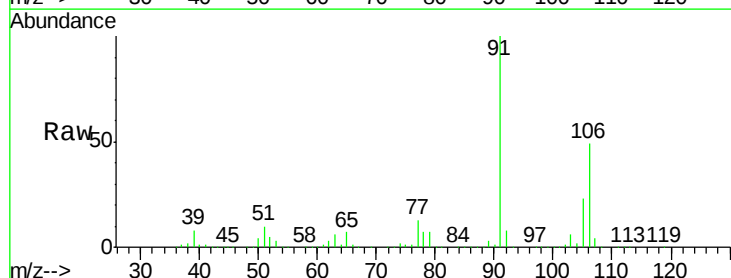
Acq: 07 May 2018 15:54

Tgt Ion: 106 Resp: 921028

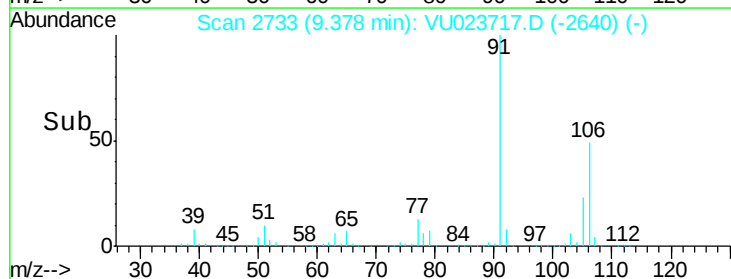
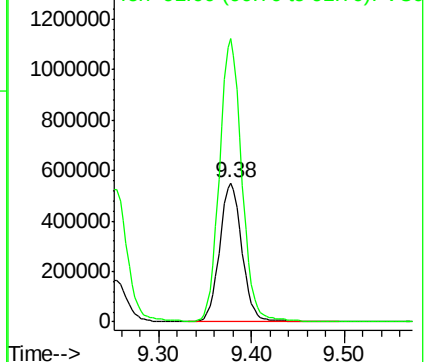
Ion Ratio Lower Upper

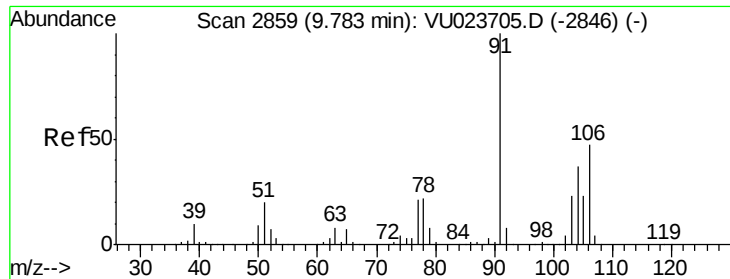
106 100

91 203.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU023717.D (-2720) (-)





#54

o-xylene

Concen: 101.29 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023717.D

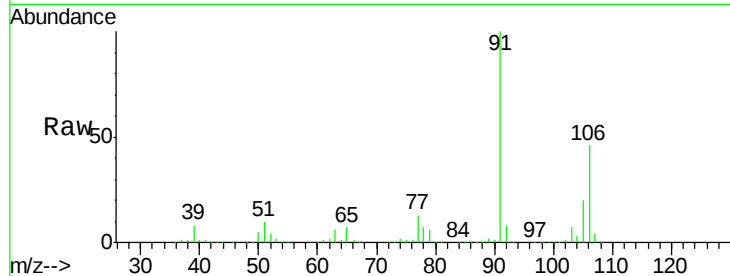
Acq: 07 May 2018 15:54

Tgt Ion:106 Resp: 463284

Ion Ratio Lower Upper

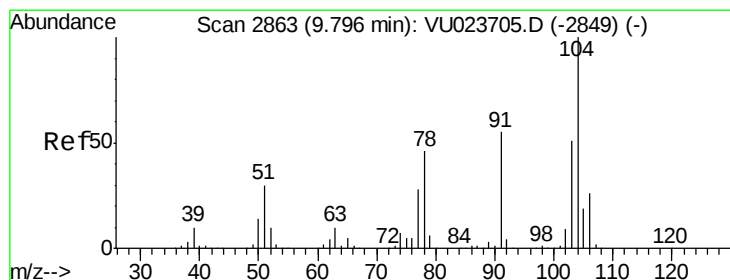
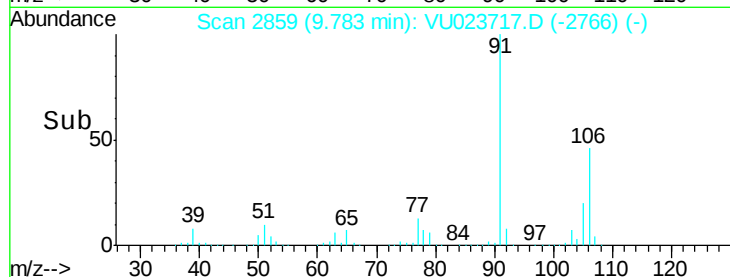
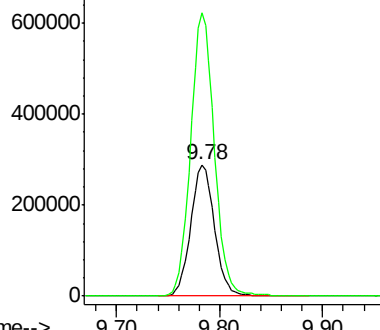
106 100

91 215.7 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 3.93 ug/L

RT: 9.79 min Scan# 2860

Delta R.T. -0.01 min

Lab File: VU023717.D

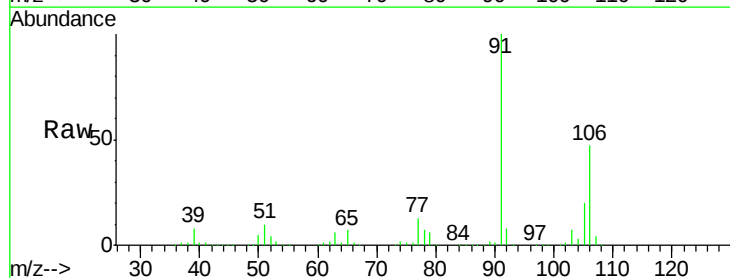
Acq: 07 May 2018 15:54

Tgt Ion:104 Resp: 31437

Ion Ratio Lower Upper

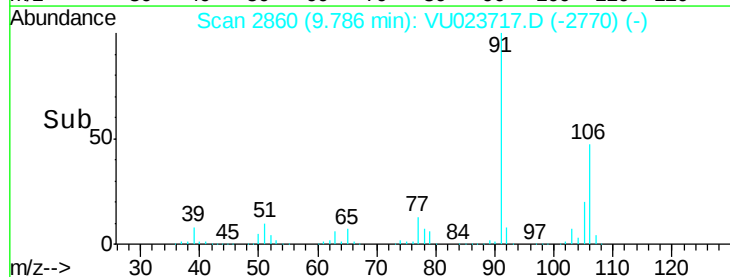
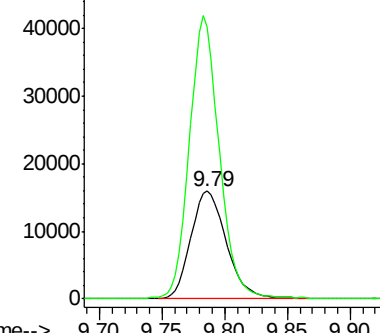
104 100

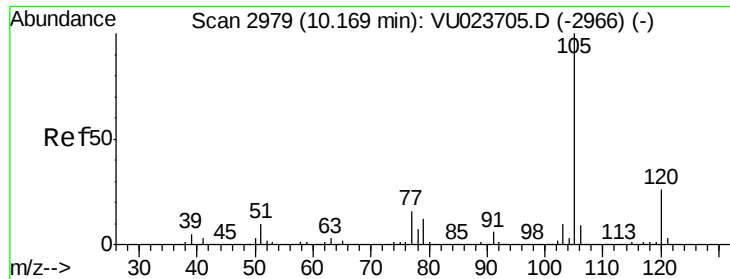
78 253.2 32.1 59.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 3.48 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023717.D

Acq: 07 May 2018 15:54

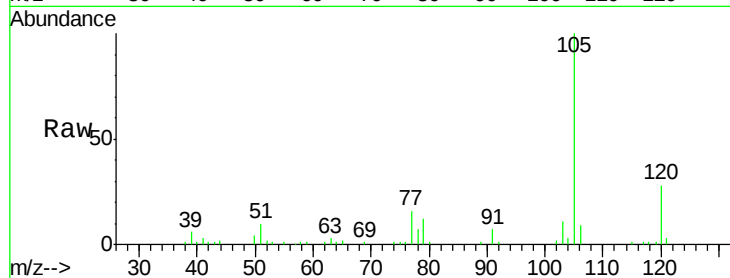
Tgt Ion: 105 Resp: 41814

Ion Ratio Lower Upper

105 100

120 27.3 20.9 31.3

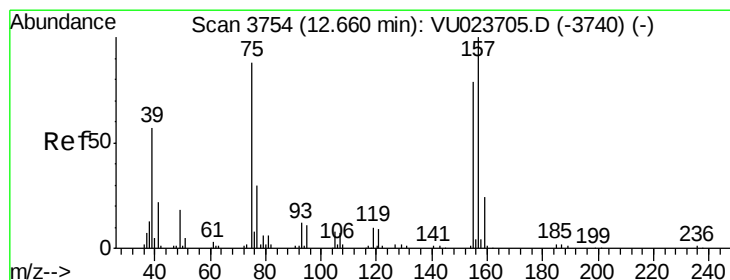
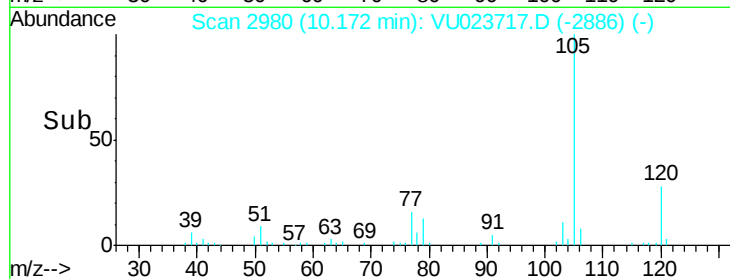
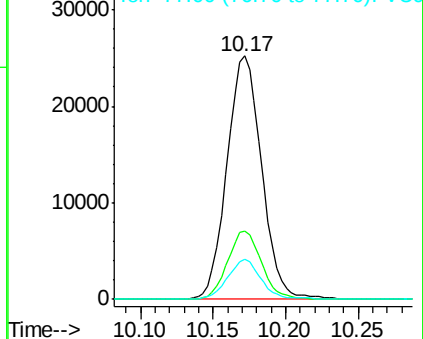
77 15.5 12.6 18.8



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



#66

1,2-Dibromo-3-chloropropane

Concen: 30.66 ug/L

RT: 12.70 min Scan# 3766

Delta R.T. 0.04 min

Lab File: VU023717.D

Acq: 07 May 2018 15:54

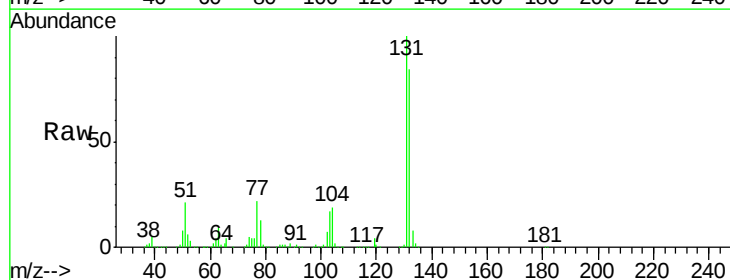
Tgt Ion: 75 Resp: 28854

Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

157 0.0 89.9 134.9#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

