

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051118\
 Data File : VU023792.D
 Acq On : 11 May 2018 11:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 02:01:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 11 02:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	140373	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	71191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50952	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	39902	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.28	63	94918	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.21	46	128707	49.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.65	84	84800	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.32	65	45787	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.34	84	183024	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.34	67	58996	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.57	98	174273	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	20833	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.32	63	96340	50.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44348	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	62774	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	67728	4.99	ug/L	99
3) Chloromethane	1.33	50	64028	4.96	ug/L	98
5) Vinyl chloride	1.40	62	68698	4.95	ug/L	94
6) Bromomethane	1.63	94	25095	5.24	ug/L	100
8) Chloroethane	1.70	64	41645	4.67	ug/L	99
9) Trichlorofluoromethane	1.89	101	83877	5.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	50582	5.13	ug/L	99
12) 1,1-Dichloroethene	2.29	96	46467	5.06	ug/L	98
13) Acetone	2.35	43	86514	48.36	ug/L	97
14) Carbon disulfide	2.48	76	154215	4.93	ug/L	98
15) Methyl Acetate	2.63	43	22633	4.70	ug/L	100
16) Methylene chloride	2.70	84	52394	4.98	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	114149	5.07	ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	50161	5.09	ug/L	96
19) 1,1-Dichloroethane	3.45	63	97546	4.84	ug/L	99
21) 2-Butanone	4.30	43	146292	49.30	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	57039	4.99	ug/L	96

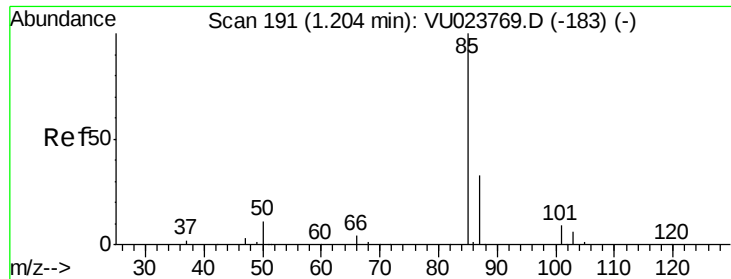
Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051118\
 Data File : VU023792.D
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Quant Time: May 12 02:01:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 11 02:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	25808	5.31	ug/L	95
25) Chloroform	4.68	83	107884	5.18	ug/L	97
27) 1,2-Dichloroethane	5.41	62	59878	4.92	ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	81251	4.89	ug/L	100
30) Cyclohexane	4.99	56	84224	4.85	ug/L	100
31) Carbon tetrachloride	5.14	117	71083	5.03	ug/L	99
33) Benzene	5.39	78	219911	4.99	ug/L	100
34) Trichloroethene	6.19	95	55622	4.90	ug/L	97
35) Methylcyclohexane	6.42	83	82287	4.94	ug/L	98
37) 1,2-Dichloropropane	6.44	63	60081	4.94	ug/L	99
38) Bromodichloromethane	6.76	83	68808	5.08	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	72357	4.95	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	331359	50.81	ug/L	100
42) Toluene	7.64	91	230645	5.16	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	58055	5.03	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	38370	4.97	ug/L	99
47) Tetrachloroethene	8.23	164	46859	5.04	ug/L	98
48) 2-Hexanone	8.37	43	248365	52.47	ug/L	100
49) Dibromochloromethane	8.48	129	44555	5.02	ug/L	99
50) 1,2-Dibromoethane	8.59	107	33992	4.91	ug/L	99
51) Chlorobenzene	9.12	112	147690	5.06	ug/L	100
52) Ethylbenzene	9.26	91	236160	5.09	ug/L	99
53) m,p-xylene	9.38	106	94185	5.40	ug/L	97
54) o-xylene	9.78	106	87730	5.20	ug/L	97
55) Styrene	9.80	104	156061	5.49	ug/L	99
56) Isopropylbenzene	10.17	105	231171	5.28	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	46880	4.83	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	34317	5.09	ug/L	100
61) Bromoform	9.96	173	24782	4.68	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	113299	4.96	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	117308	5.01	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	111614	4.83	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6906	4.79	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	97303	5.14	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	75858	5.19	ug/L	100
69) Naphthalene	13.75	128	104147	4.65	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	73829	5.25	ug/L	99

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

[illegible]



#2

Dichlorodifluoromethane

Concen: 4.99 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023792.D

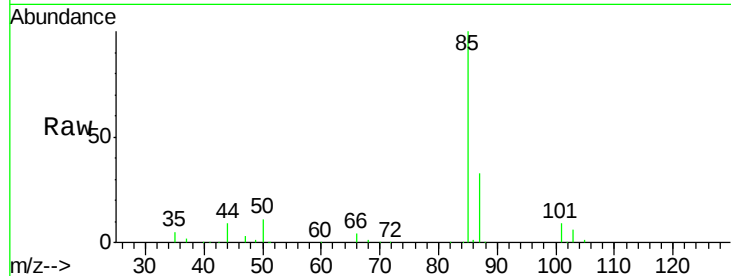
Acq: 11 May 2018 11:12

Tgt Ion: 85 Resp: 67728

Ion Ratio Lower Upper

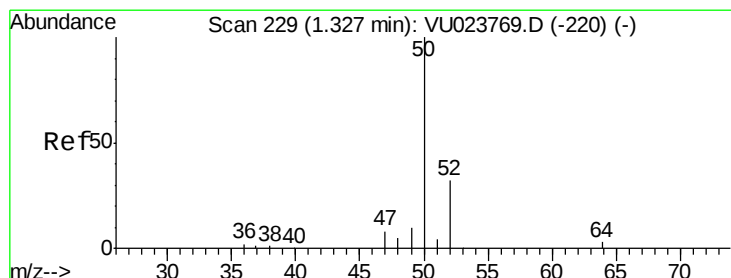
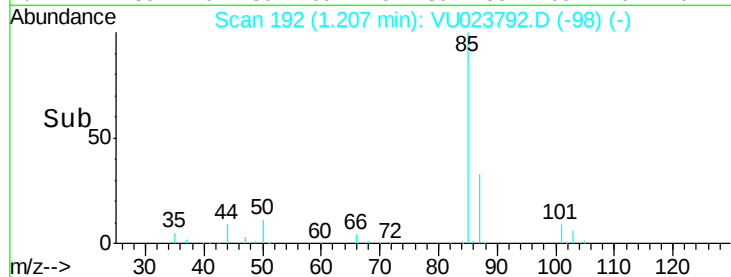
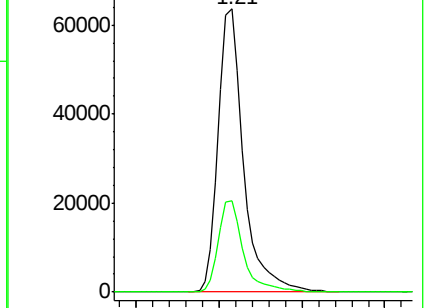
85 100

87 31.9 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VU023792.D (-192) (-)

Ion 87.00 (86.70 to 87.70): VU023792.D (-192) (-)



#3

Chloromethane

Concen: 4.96 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU023792.D

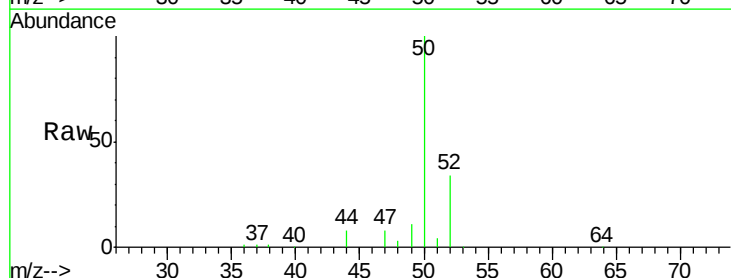
Acq: 11 May 2018 11:12

Tgt Ion: 50 Resp: 64028

Ion Ratio Lower Upper

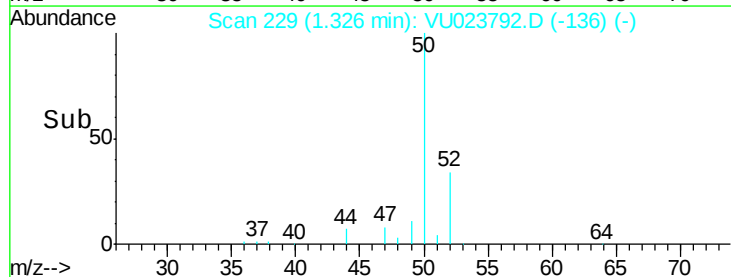
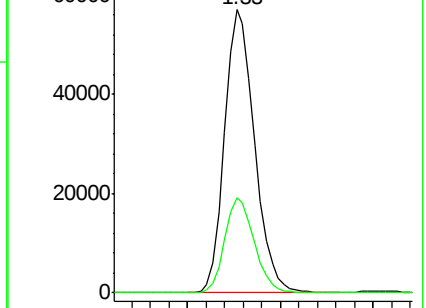
50 100

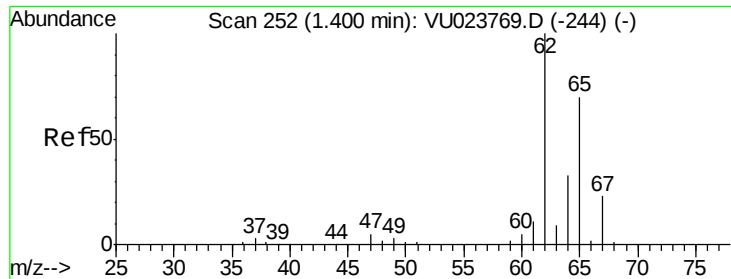
52 33.7 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VU023792.D (-229) (-)

Ion 52.05 (51.75 to 52.75): VU023792.D (-229) (-)





#5

Vinyl chloride

Concen: 4.95 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023792.D

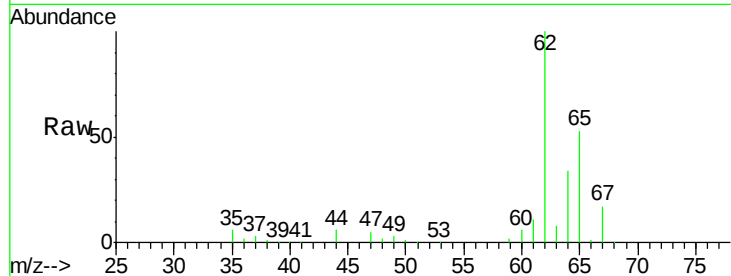
Acq: 11 May 2018 11:12

Tgt Ion: 62 Resp: 68698

Ion Ratio Lower Upper

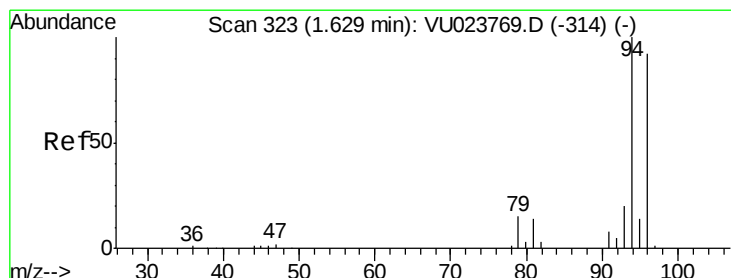
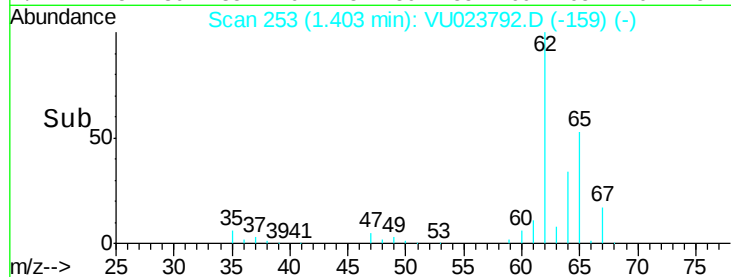
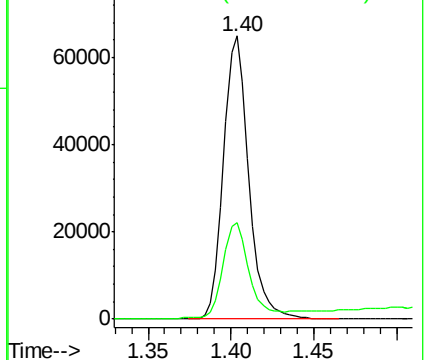
62 100

64 33.9 26.4 49.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 5.24 ug/L

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU023792.D

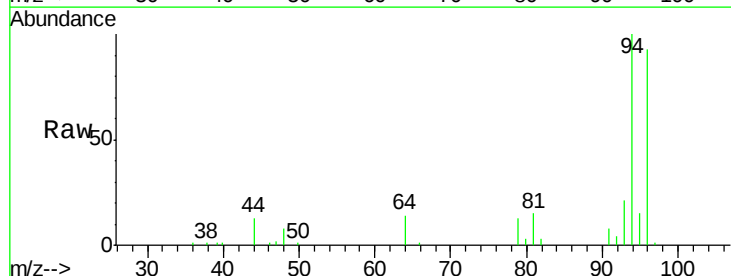
Acq: 11 May 2018 11:12

Tgt Ion: 94 Resp: 25095

Ion Ratio Lower Upper

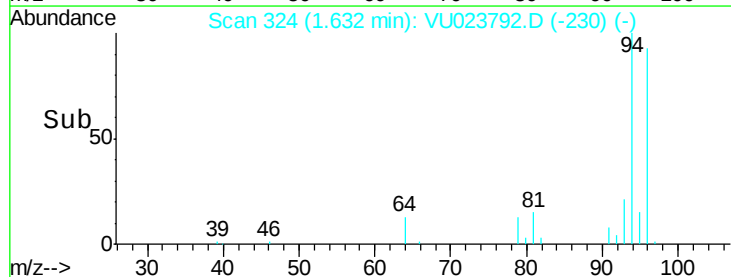
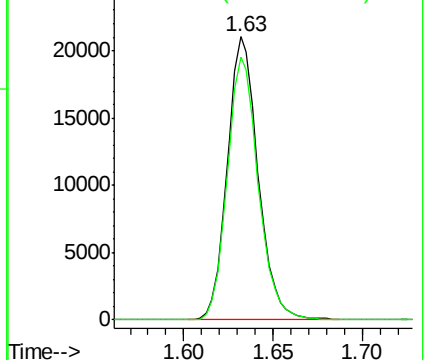
94 100

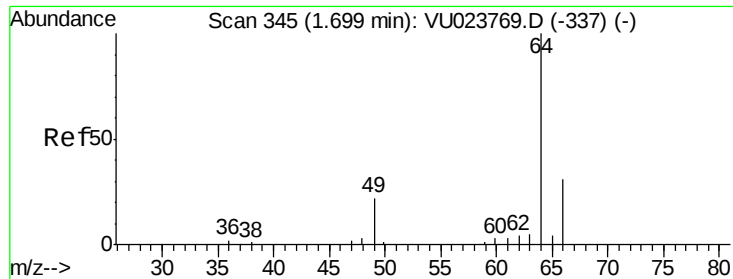
96 93.0 64.9 120.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

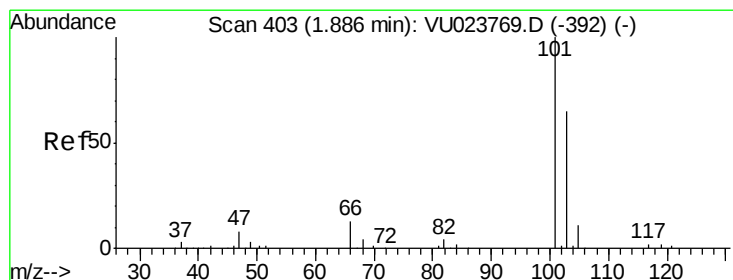
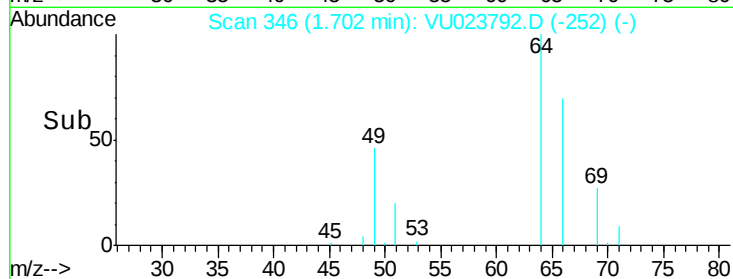
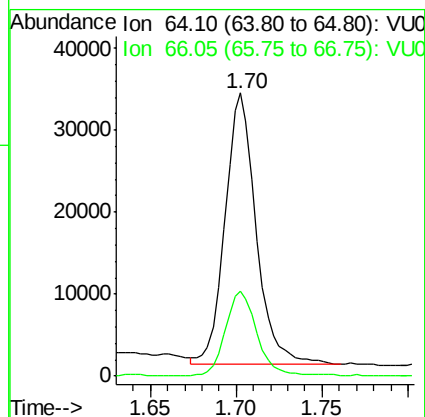
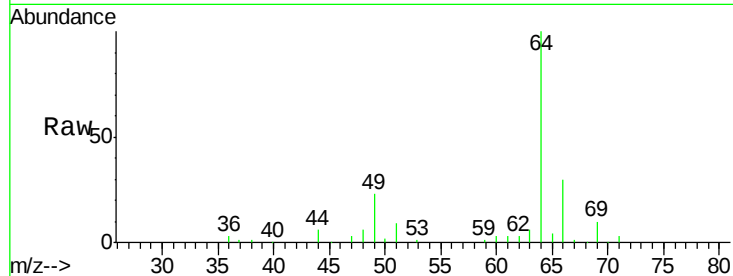
Ion 96.00 (95.70 to 96.70): VU0





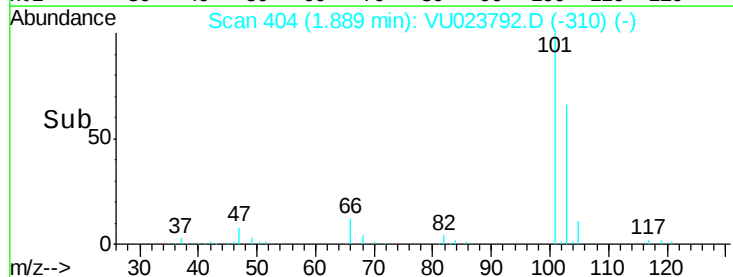
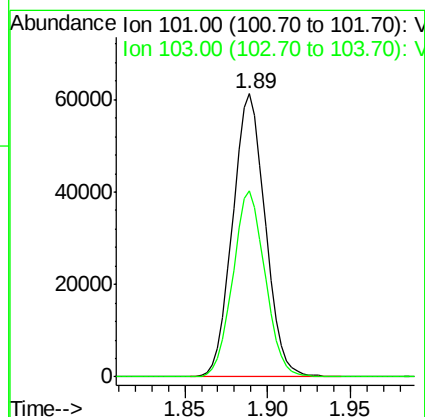
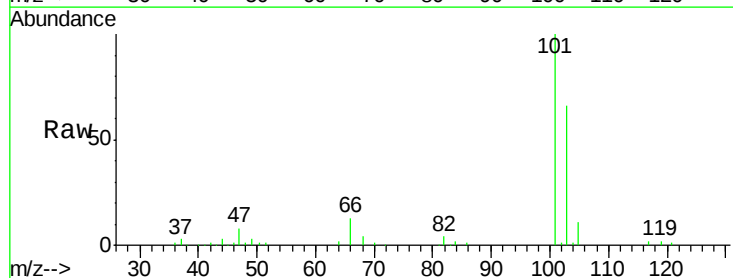
#8
Chloroethane
Concen: 4.67 ug/L
RT: 1.70 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

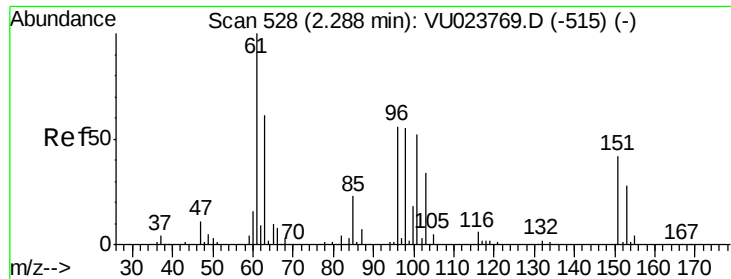
Tgt Ion: 64 Resp: 41645
Ion Ratio Lower Upper
64 100
66 30.2 20.8 38.6



#9
Trichlorofluoromethane
Concen: 5.12 ug/L
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion: 101 Resp: 83877
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.13 ug/L

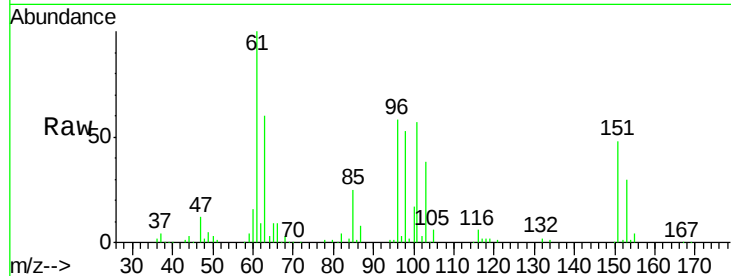
RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

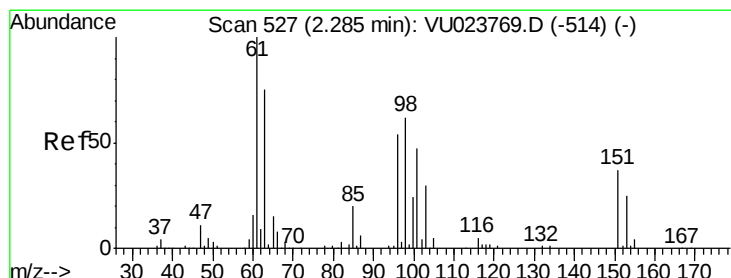
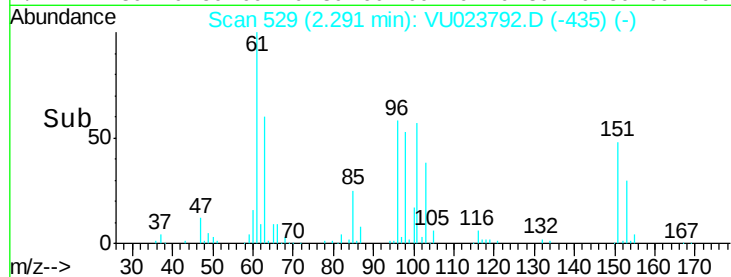
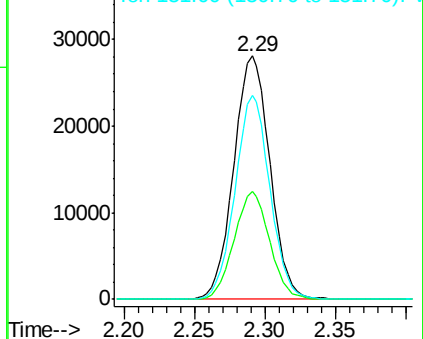
Tgt Ion:	101	Resp:	50582
Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.2	52.8
151	80.7	64.2	96.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.06 ug/L

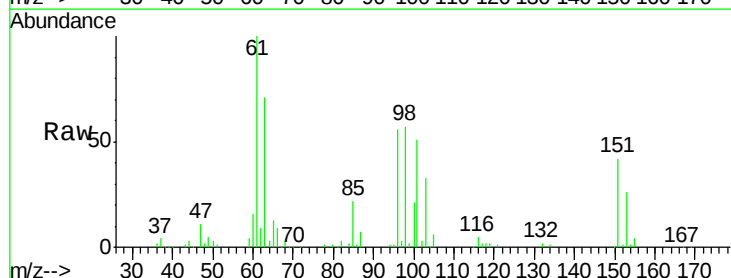
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

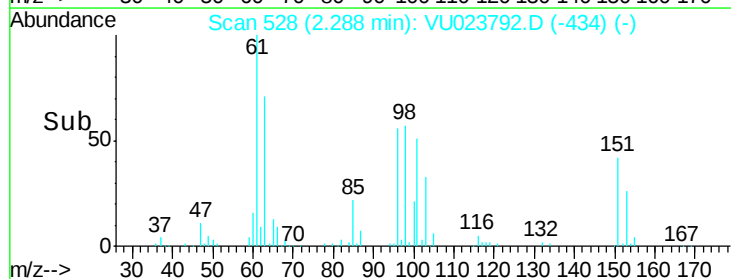
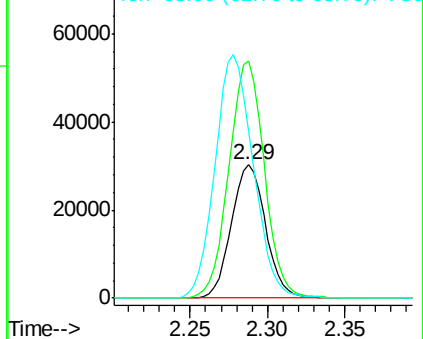
Tgt Ion:	96	Resp:	46467
Ion	Ratio	Lower	Upper
96	100		
61	177.9	124.2	230.6
63	125.4	84.8	157.4

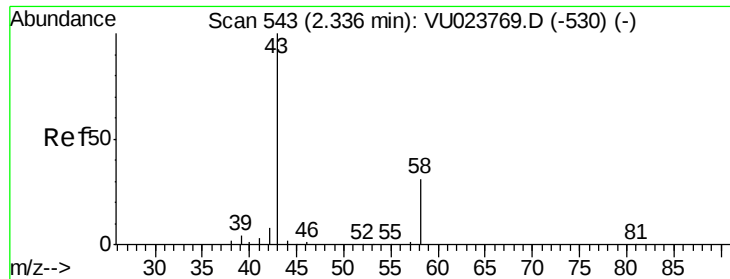


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 48.36 ug/L

RT: 2.35 min Scan# 548

Delta R.T. 0.02 min

Lab File: VU023792.D

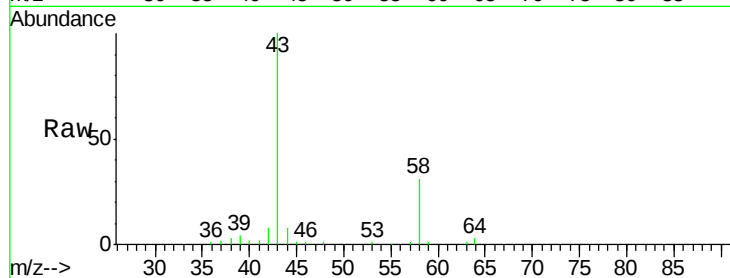
Acq: 11 May 2018 11:12

Tgt Ion: 43 Resp: 86514

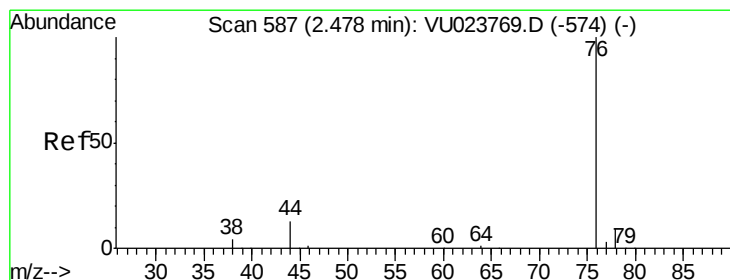
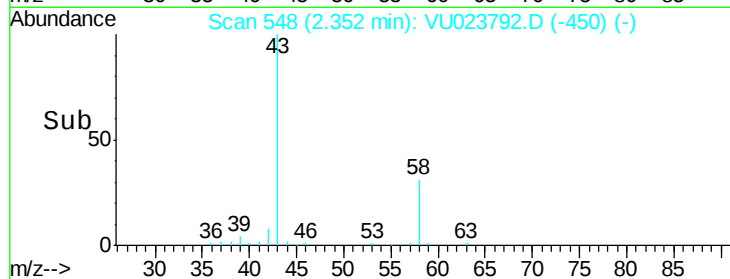
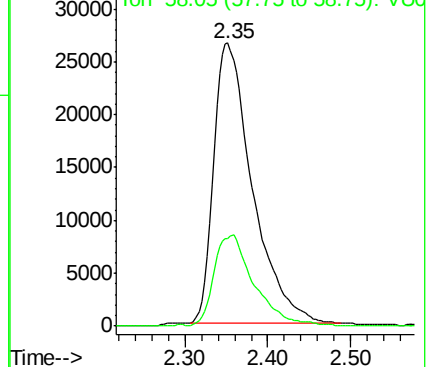
Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.0



Abundance Ion 43.05 (42.75 to 43.75): VU023792.D (-450) (-)



#14

Carbon disulfide

Concen: 4.93 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023792.D

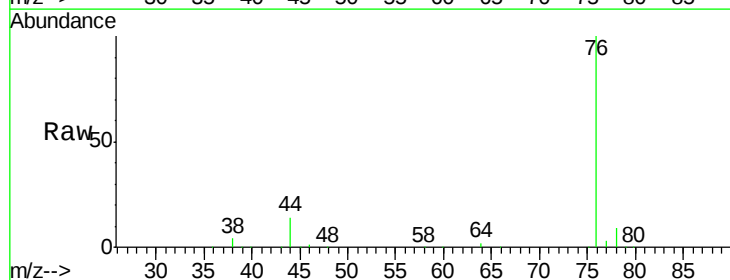
Acq: 11 May 2018 11:12

Tgt Ion: 76 Resp: 154215

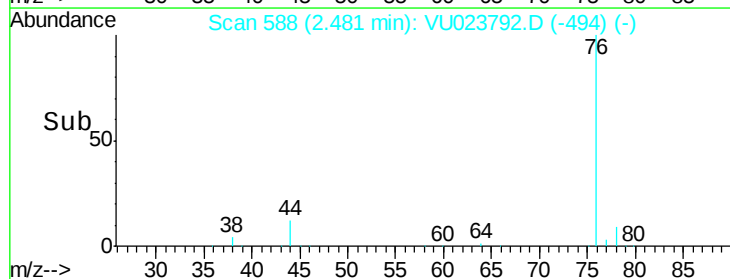
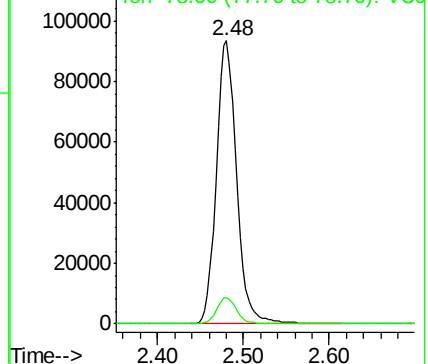
Ion Ratio Lower Upper

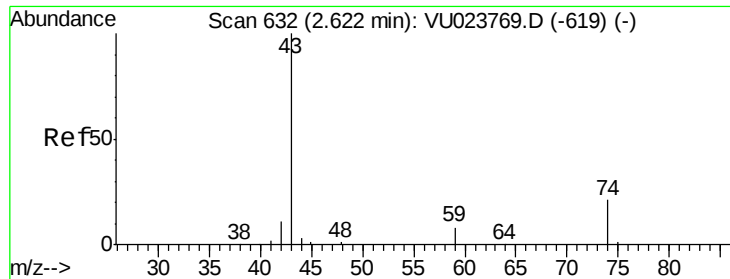
76 100

78 9.3 7.0 10.4



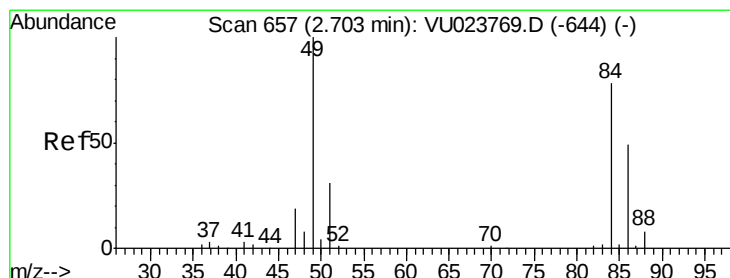
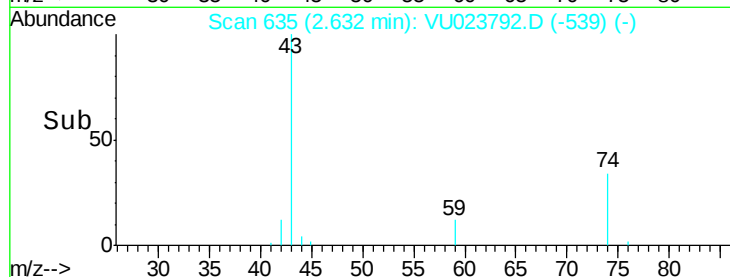
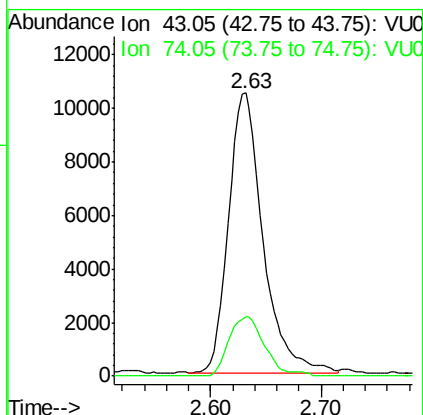
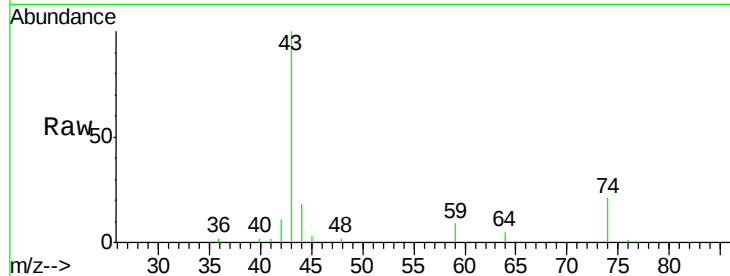
Abundance Ion 76.05 (75.75 to 76.75): VU023792.D (-494) (-)





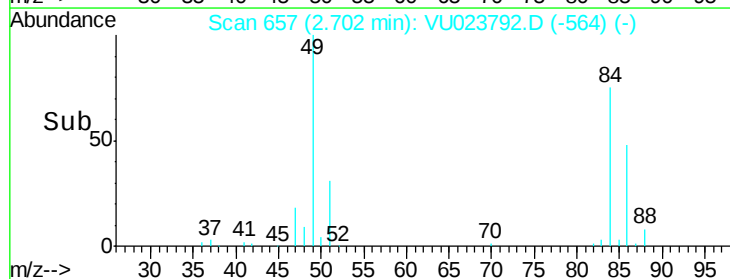
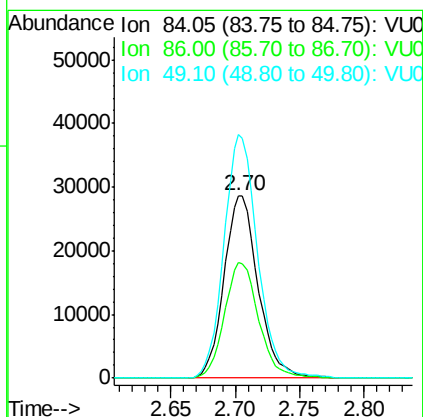
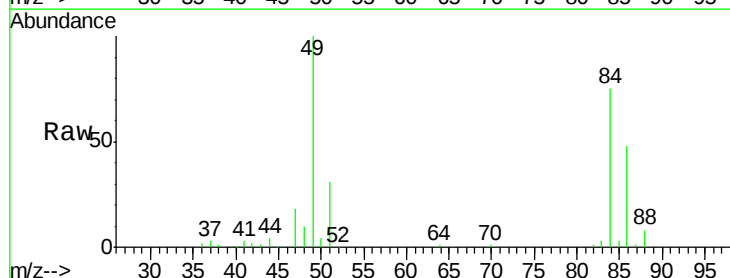
#15
Methyl Acetate
Concen: 4.70 ug/L
RT: 2.63 min Scan# 635
Delta R.T. 0.01 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

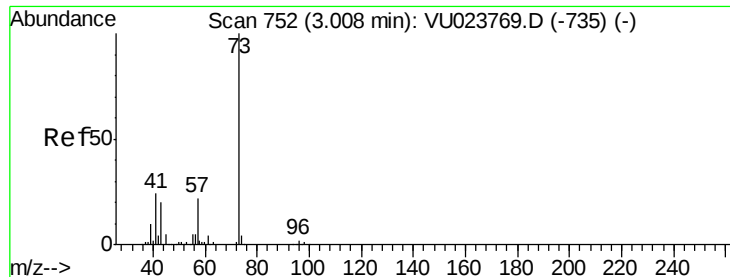
Tgt Ion: 43 Resp: 22633
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6



#16
Methylene chloride
Concen: 4.98 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion: 84 Resp: 52394
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 133.2 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 5.07 ug/L

RT: 3.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

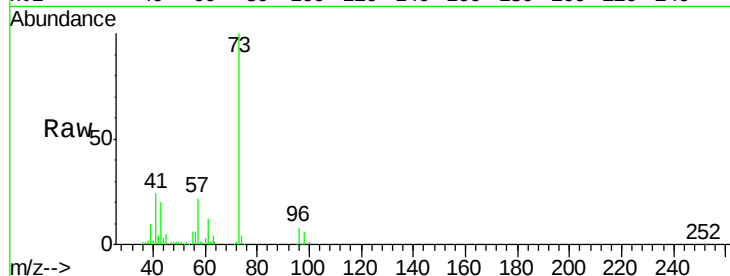
Tgt Ion: 73 Resp: 114149

Ion Ratio Lower Upper

73 100

43 20.1 16.6 24.8

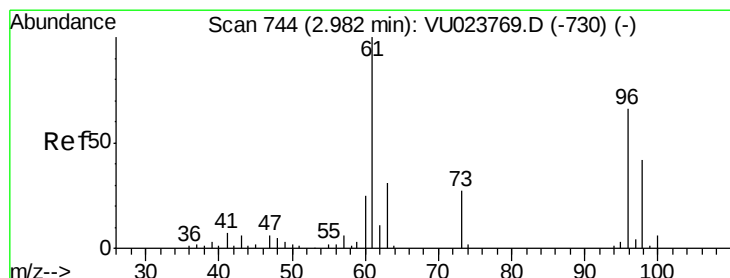
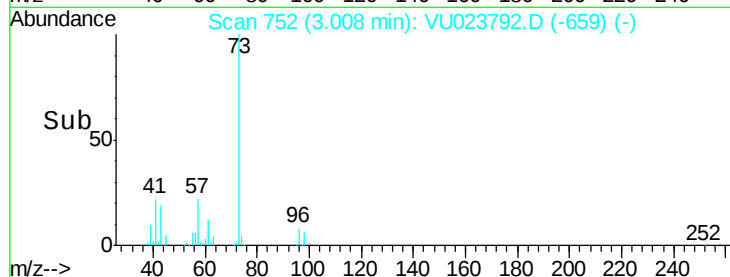
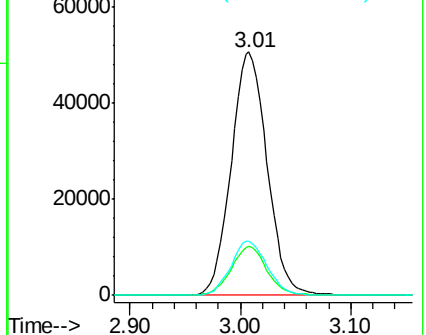
57 22.5 18.1 27.1



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 5.09 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

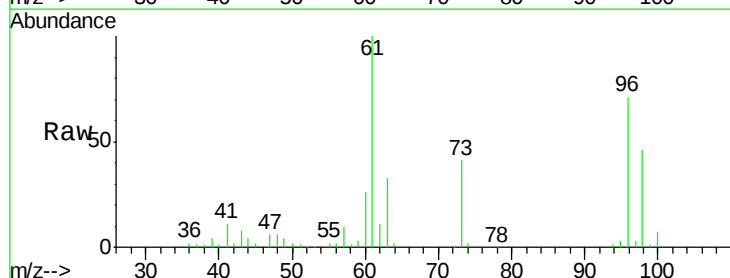
Tgt Ion: 96 Resp: 50161

Ion Ratio Lower Upper

96 100

61 141.5 104.6 194.2

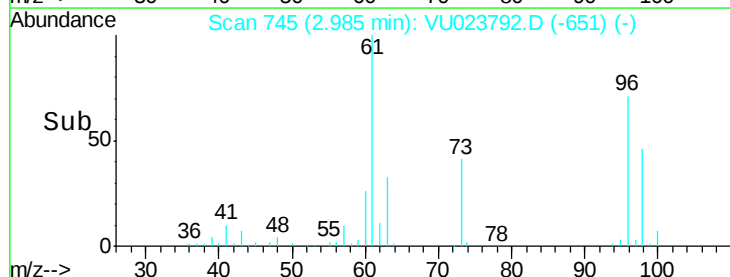
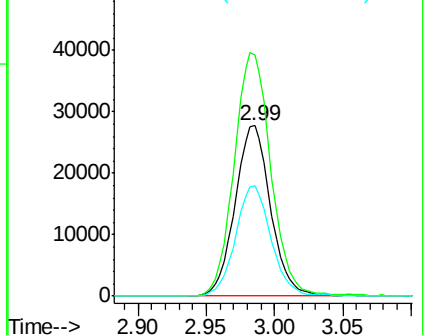
98 64.4 45.1 83.9

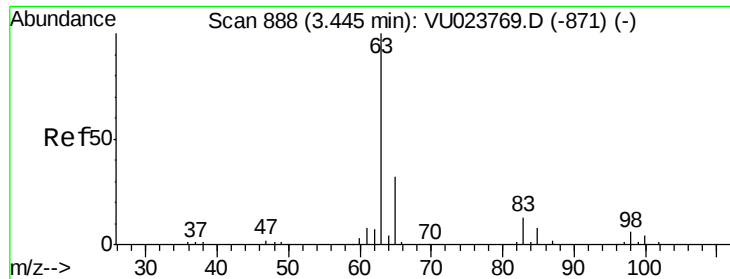


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

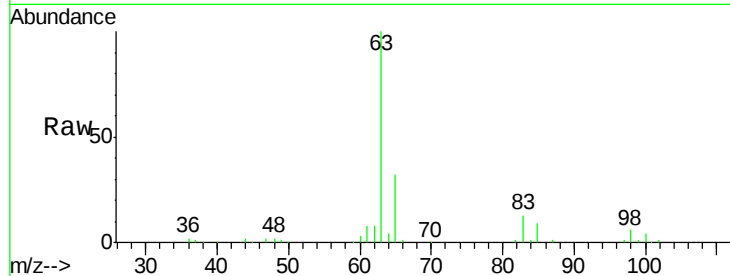
Ion 97.95 (97.65 to 98.65): VU0



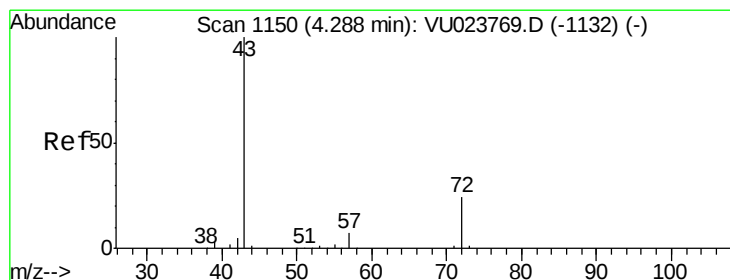
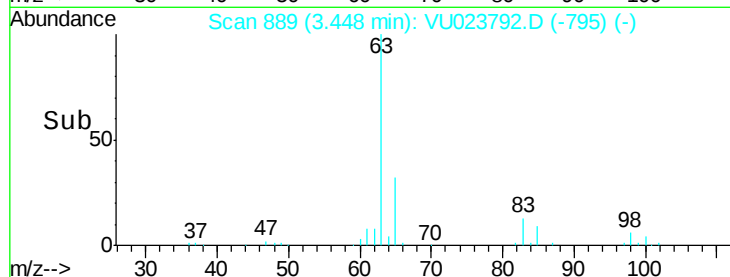
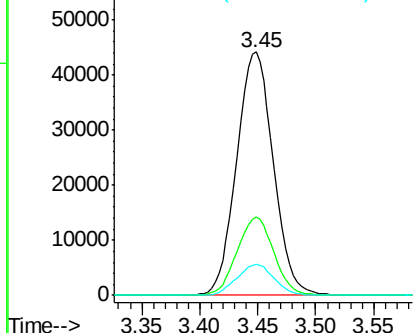


#19
 1,1-Dichloroethane
 Concen: 4.84 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.9	42.5
83	12.7	9.1	16.9

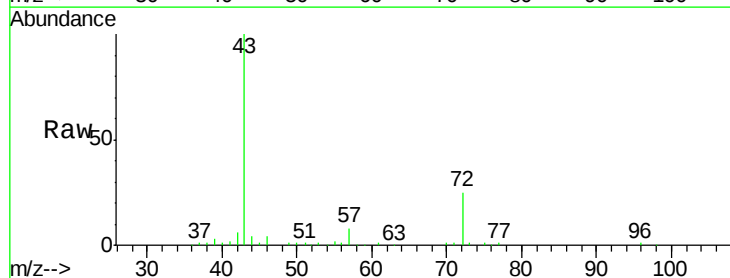


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

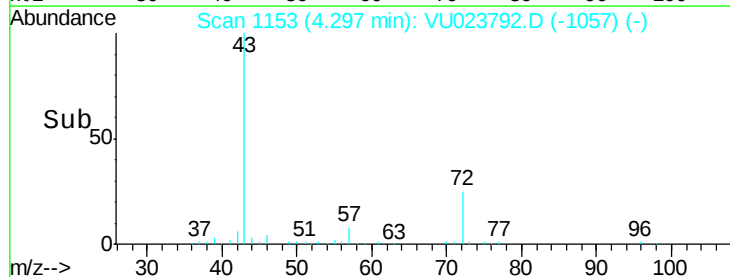
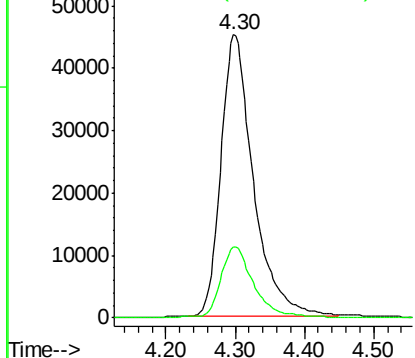


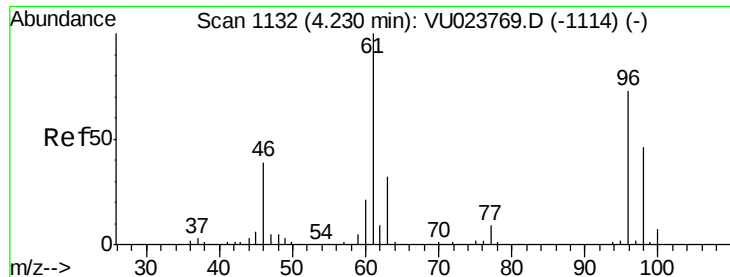
#21
 2-Butanone
 Concen: 49.30 ug/L
 RT: 4.30 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.4	12.2	36.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 4.99 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

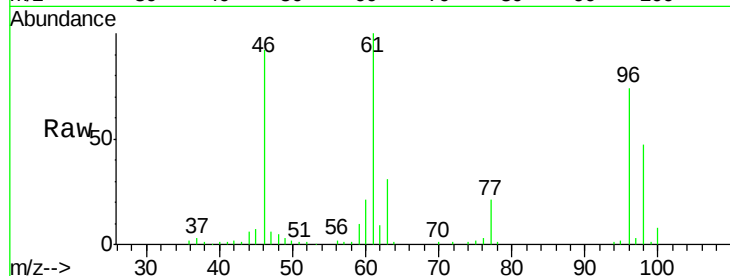
Tgt Ion: 96 Resp: 57039

Ion Ratio Lower Upper

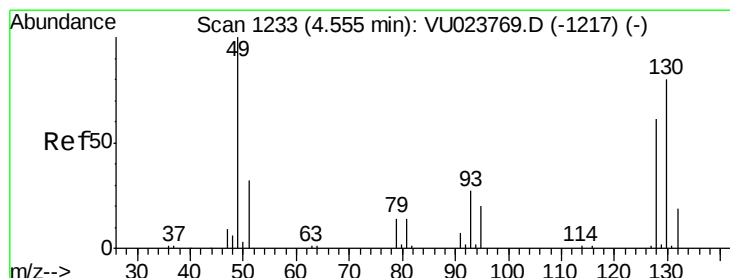
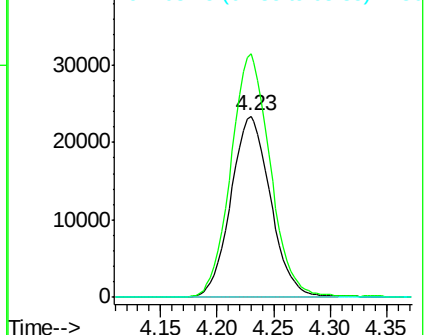
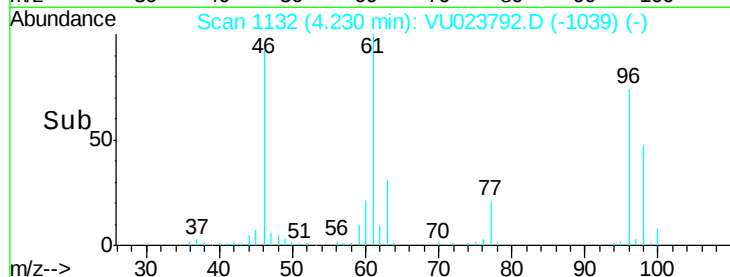
96 100

61 134.6 91.2 169.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023792.D (-1039) (-)



#23

Bromochloromethane

Concen: 5.31 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

Tgt Ion: 128 Resp: 25808

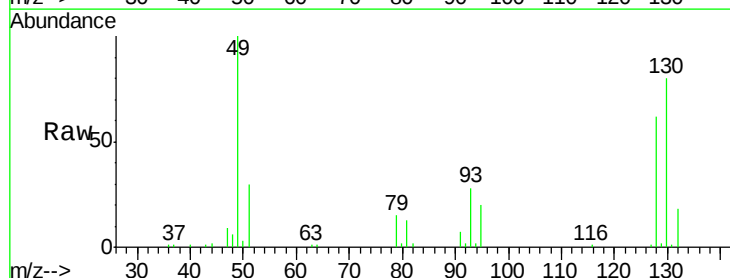
Ion Ratio Lower Upper

128 100

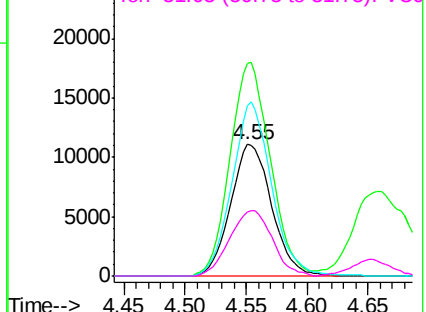
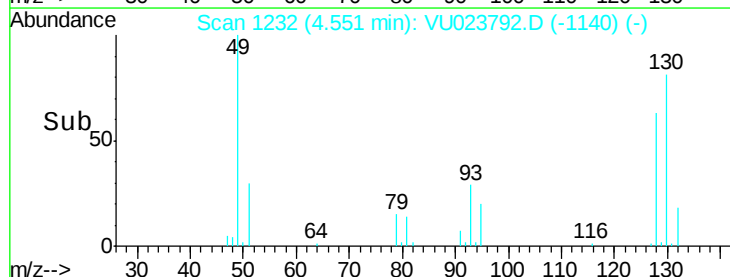
49 162.3 119.5 221.9

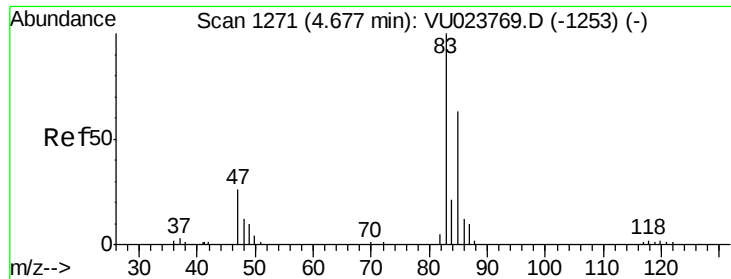
130 129.5 88.8 164.8

51 48.4 42.8 64.2



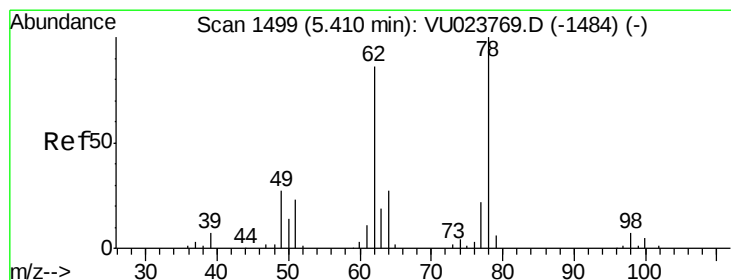
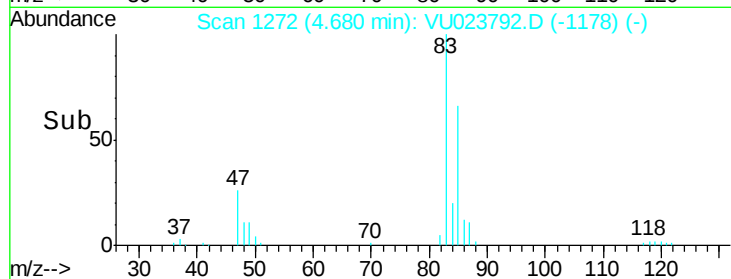
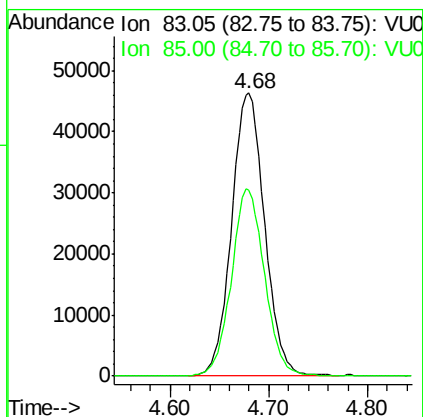
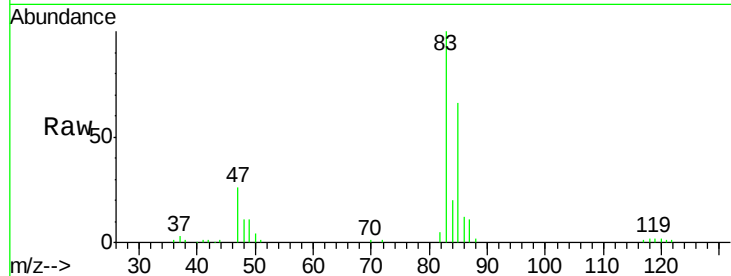
Abundance Ion 127.90 (127.60 to 128.60): VU023792.D (-1140) (-)





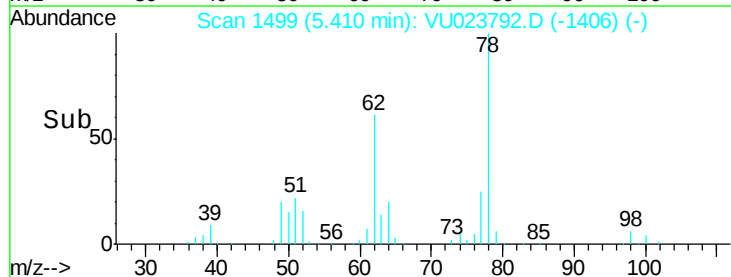
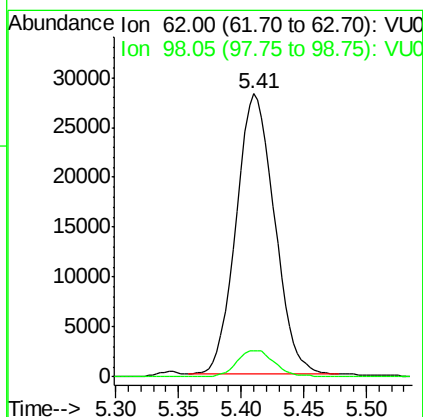
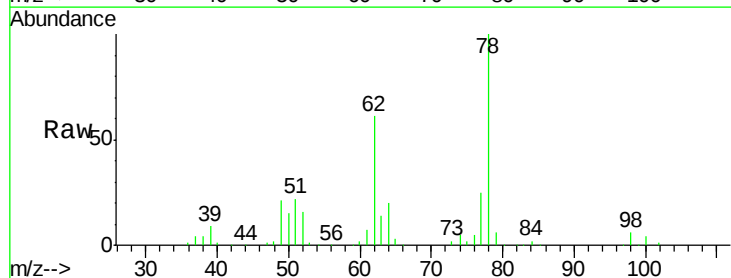
#25
Chloroform
Concen: 5.18 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

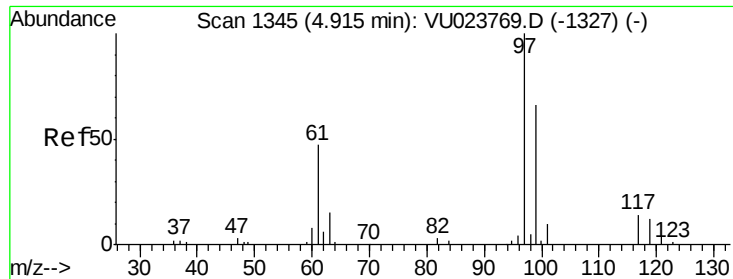
Tgt Ion: 83 Resp: 107884
Ion Ratio Lower Upper
83 100
85 65.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 4.92 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion: 62 Resp: 59878
Ion Ratio Lower Upper
62 100
98 9.4 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.89 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

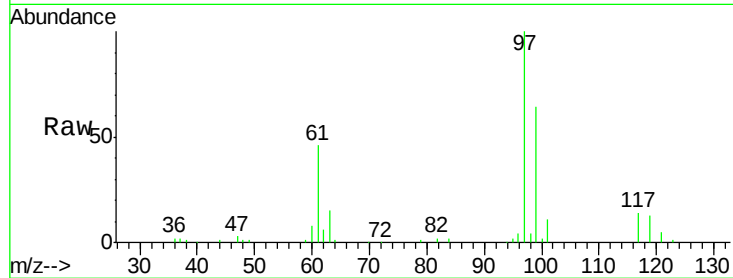
Tgt Ion: 97 Resp: 81251

Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

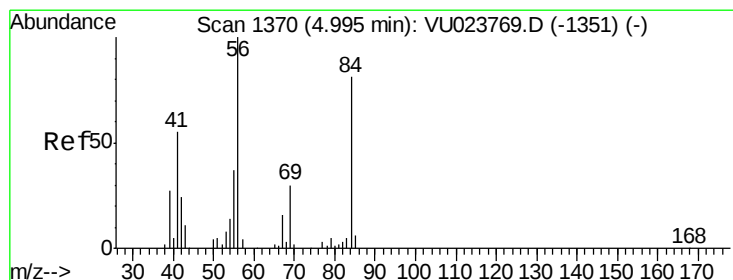
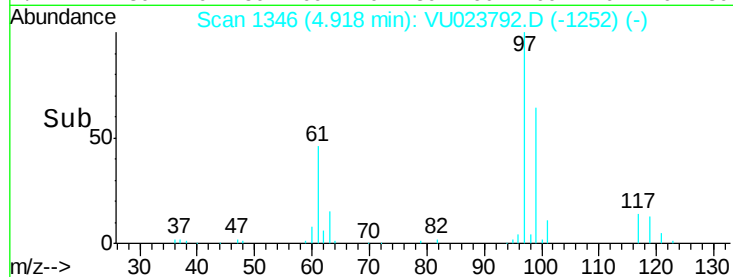
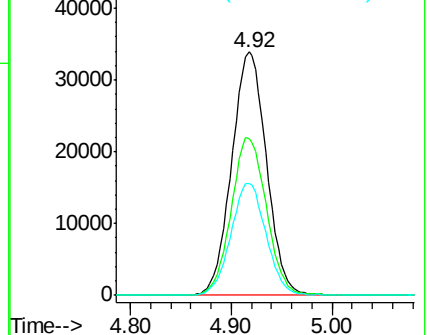
61 46.3 37.2 55.8



Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 4.85 ug/L

RT: 4.99 min Scan# 1370

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

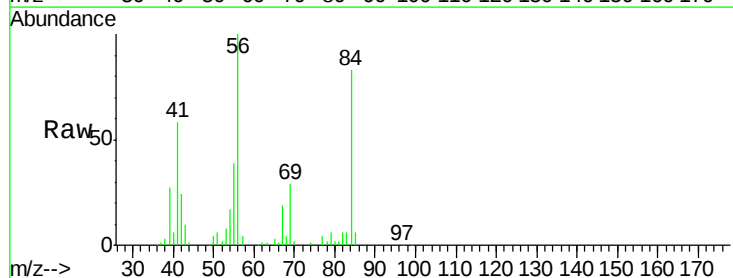
Tgt Ion: 56 Resp: 84224

Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.6

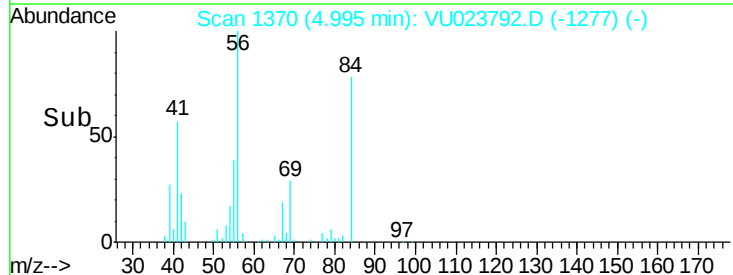
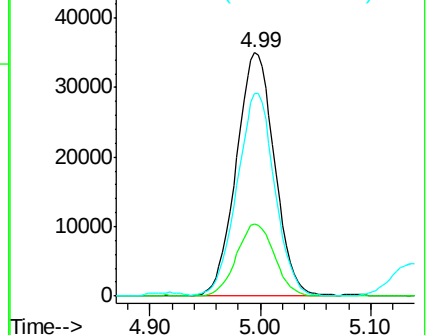
84 82.1 65.8 98.6

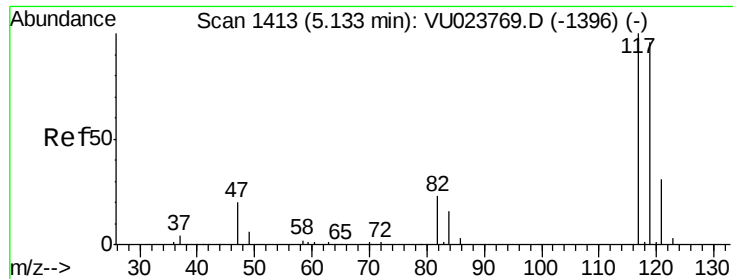


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 5.03 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU023792.D

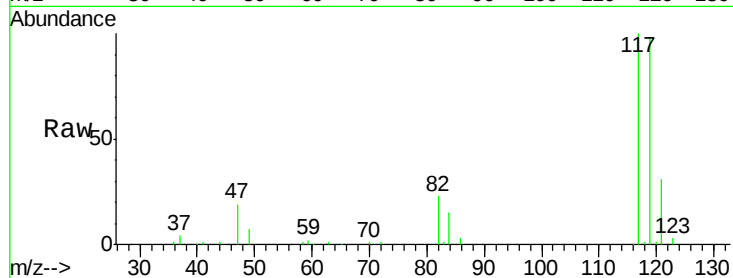
Acq: 11 May 2018 11:12

Tgt Ion: 117 Resp: 71083

Ion Ratio Lower Upper

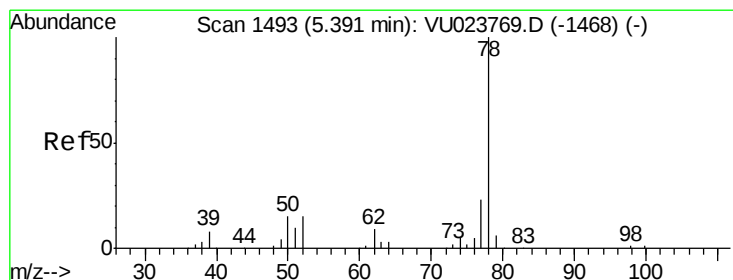
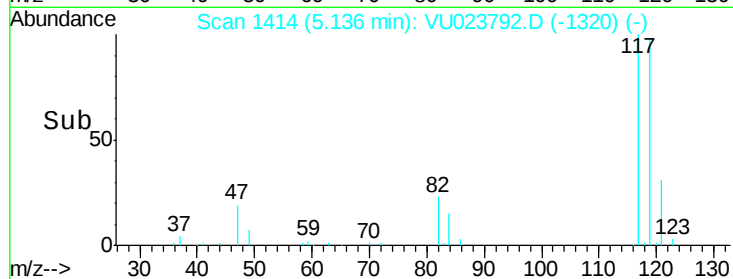
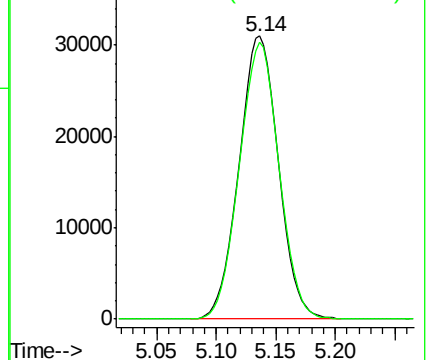
117 100

119 98.3 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.99 ug/L

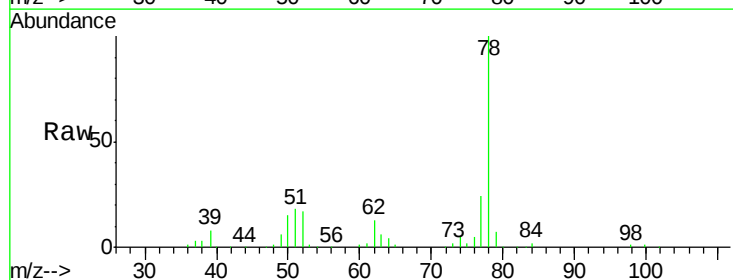
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

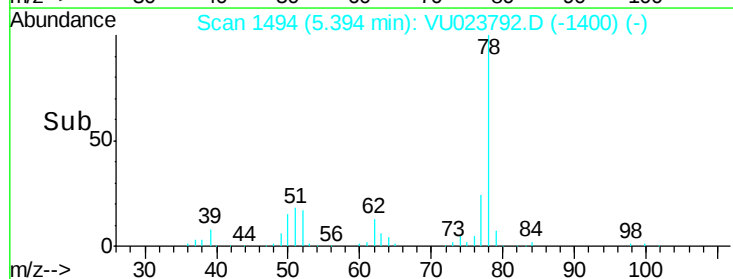
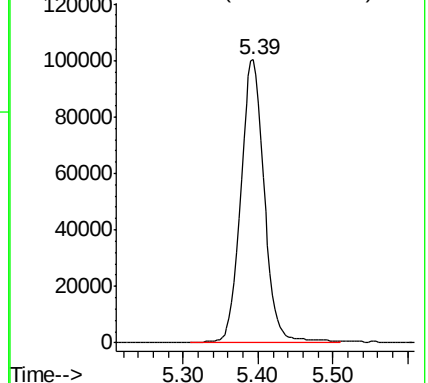
Lab File: VU023792.D

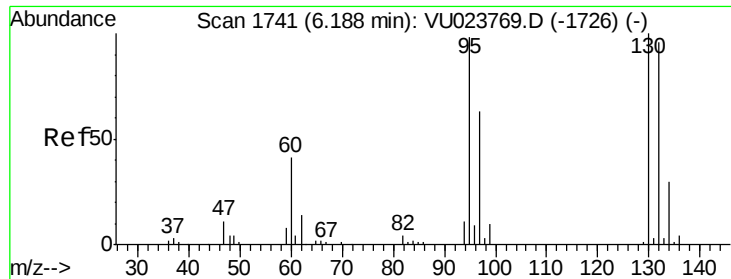
Acq: 11 May 2018 11:12

Tgt Ion: 78 Resp: 219911



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.90 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

Tgt Ion: 95 Resp: 55622

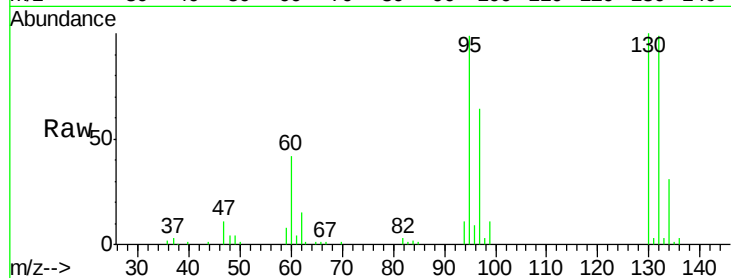
Ion Ratio Lower Upper

95 100

97 65.2 43.8 81.3

132 100.1 66.8 124.2

130 101.5 71.5 132.7

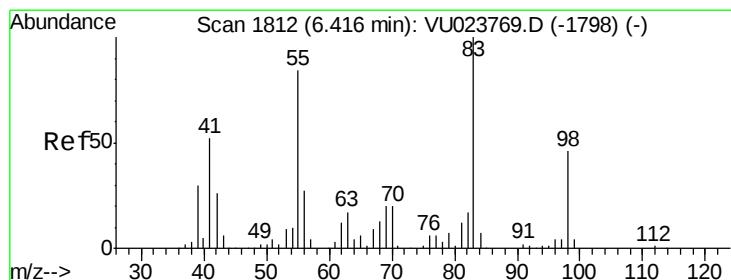
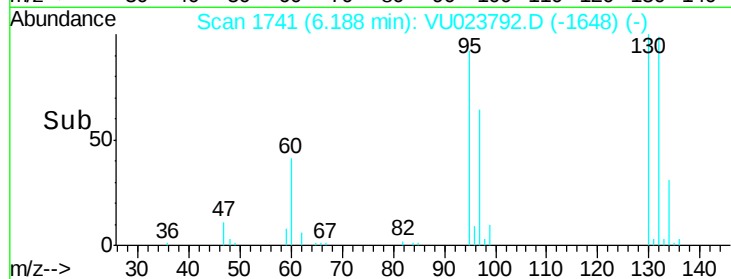
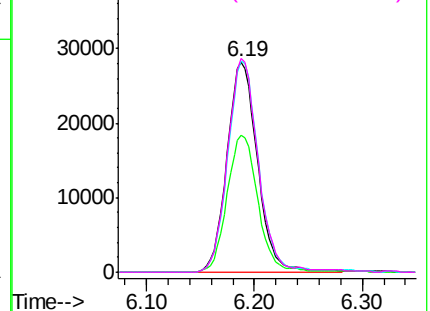


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 4.94 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

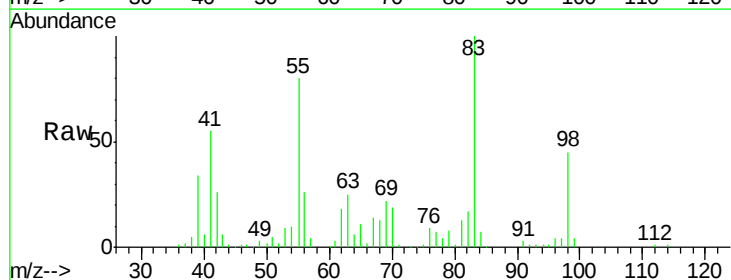
Tgt Ion: 83 Resp: 82287

Ion Ratio Lower Upper

83 100

55 84.2 69.1 103.7

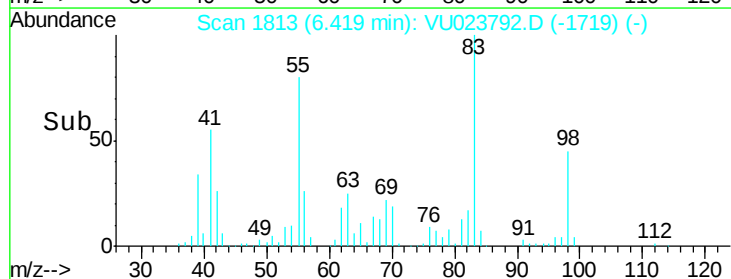
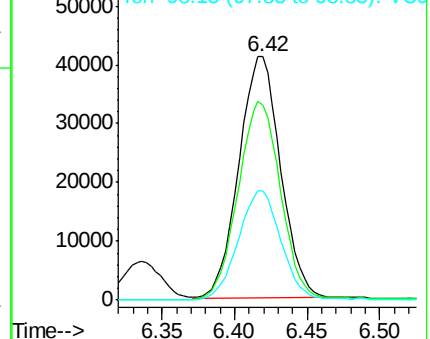
98 46.4 37.8 56.8

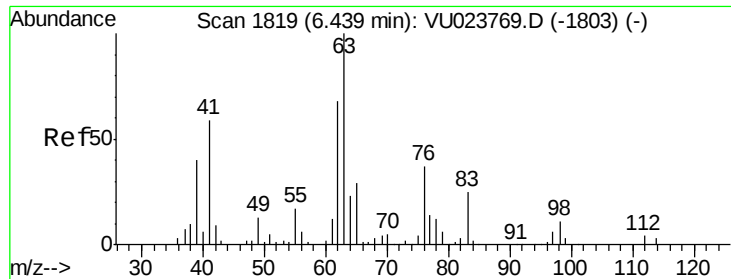


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

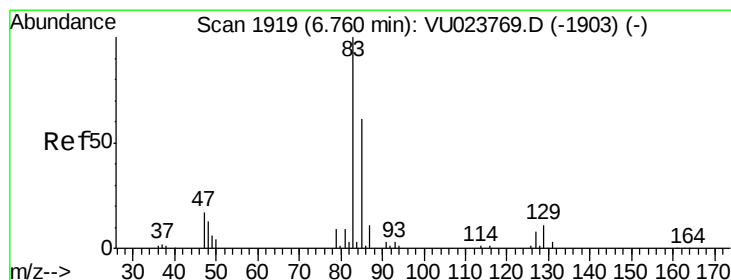
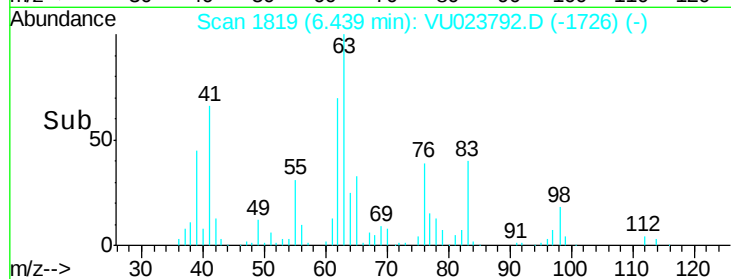
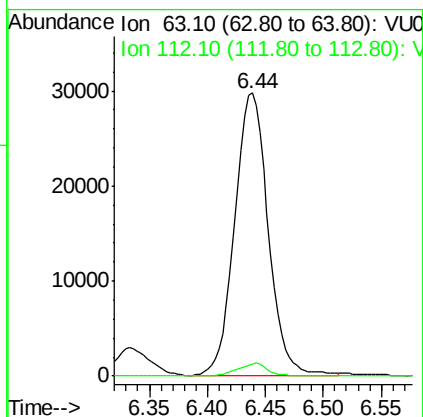
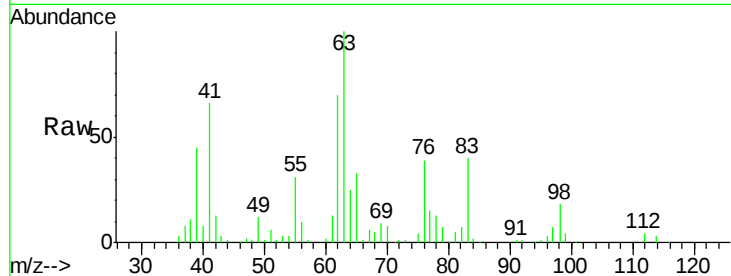
Ion 98.15 (97.85 to 98.85): VU0





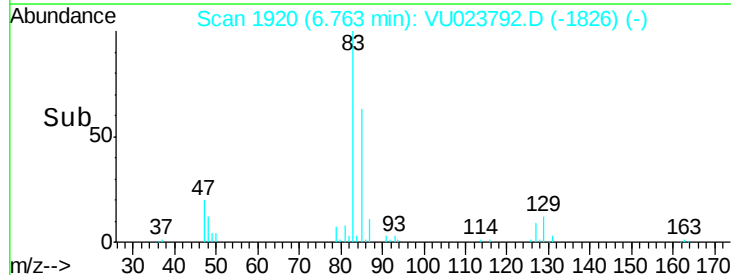
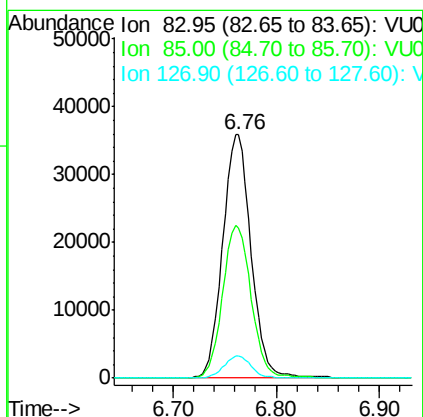
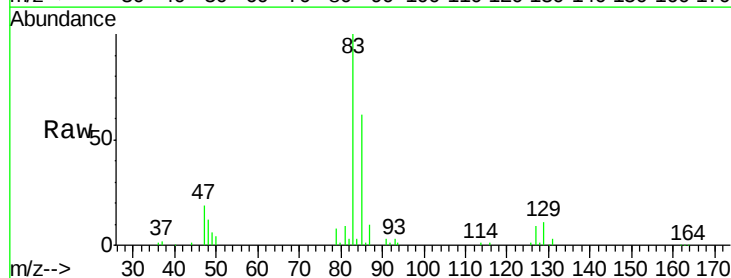
#37
 1,2-Dichloropropane
 Concen: 4.94 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

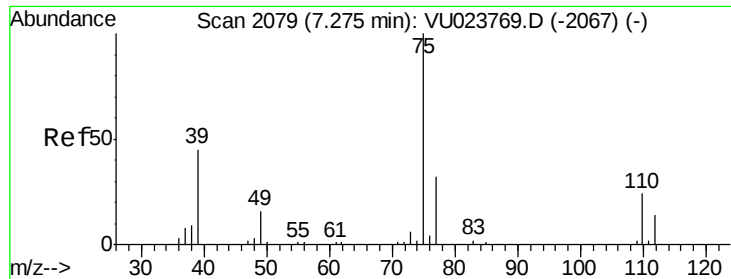
Tgt Ion: 63 Resp: 60081
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.0 4.4



#38
 Bromodichloromethane
 Concen: 5.08 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

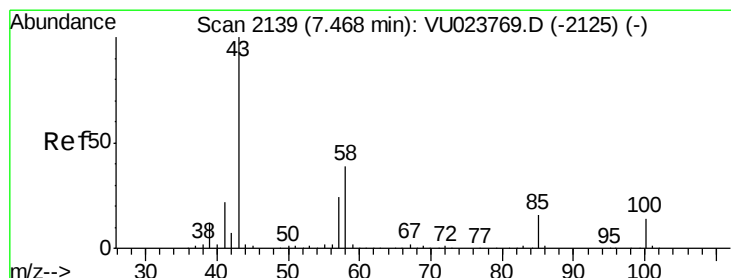
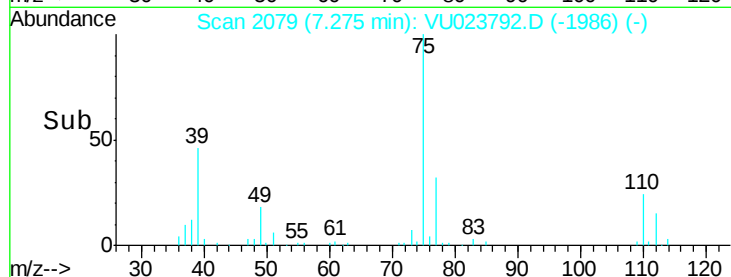
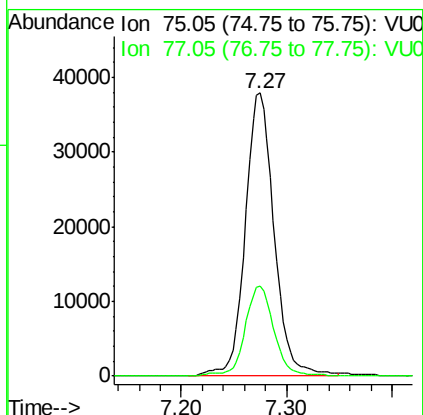
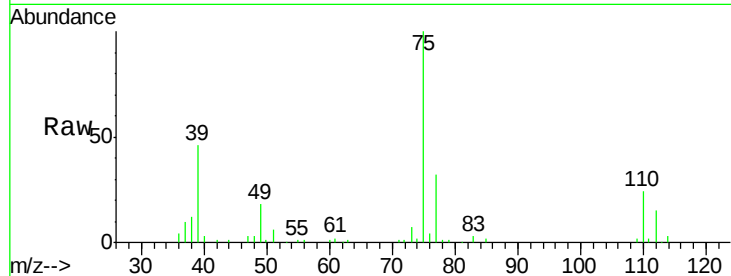
Tgt Ion: 83 Resp: 68808
 Ion Ratio Lower Upper
 83 100
 85 61.5 45.8 85.2
 127 8.9 7.0 10.4





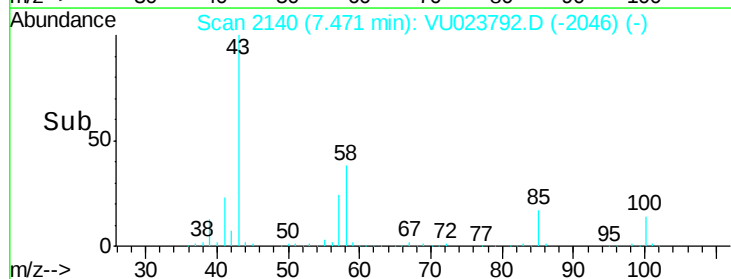
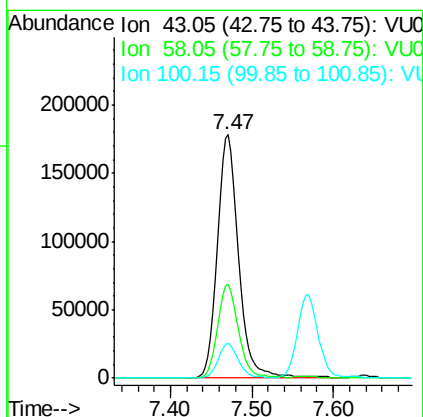
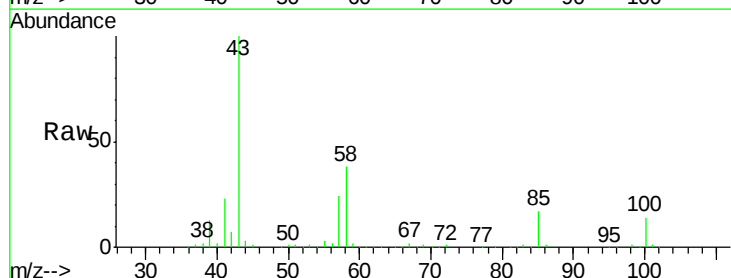
#39
 cis-1,3-Dichloropropene
 Concen: 4.95 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

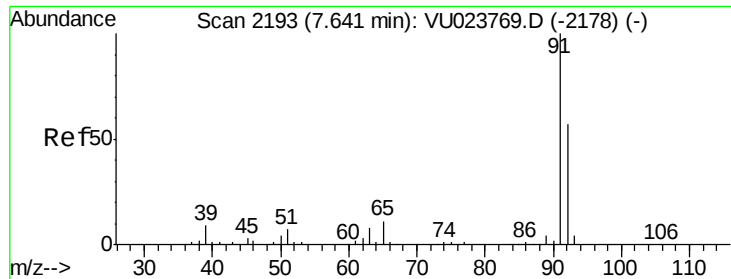
Tgt Ion: 75 Resp: 72357
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 50.81 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion: 43 Resp: 331359
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.4 45.6
 100 13.7 11.2 16.8





#42

Toluene

Concen: 5.16 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023792.D

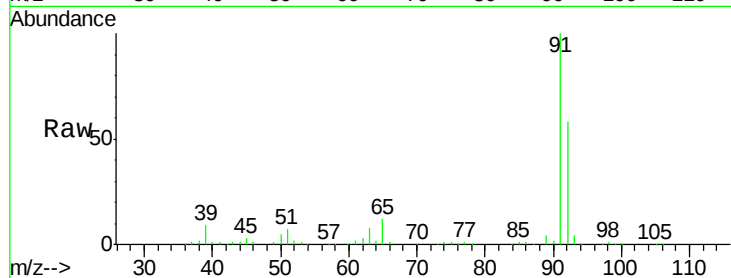
Acq: 11 May 2018 11:12

Tgt Ion: 91 Resp: 230645

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

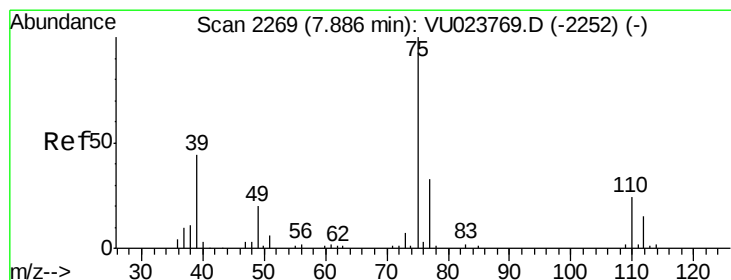
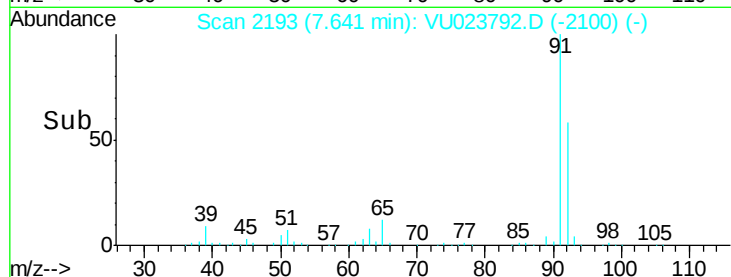
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#44

trans-1,3-Dichloropropene

Concen: 5.03 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023792.D

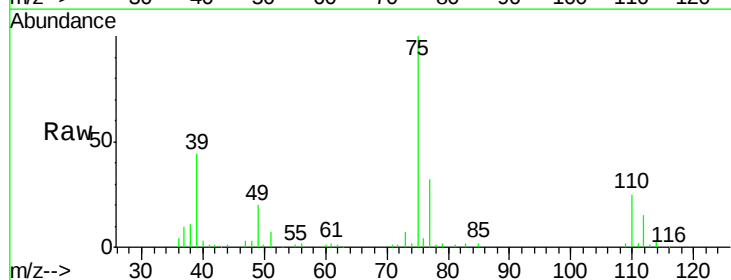
Acq: 11 May 2018 11:12

Tgt Ion: 75 Resp: 58055

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.89

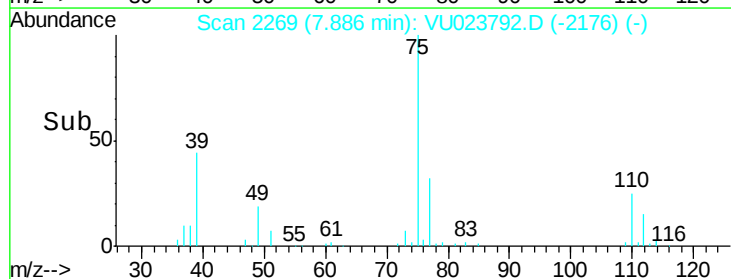
30000

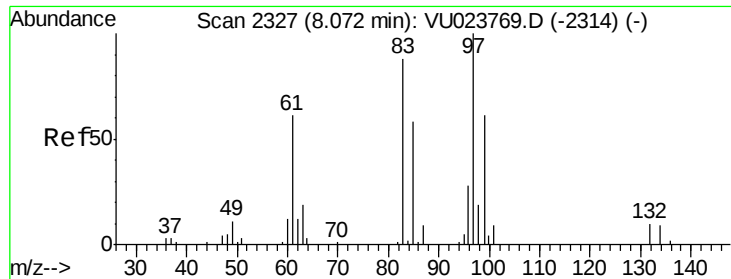
20000

10000

0

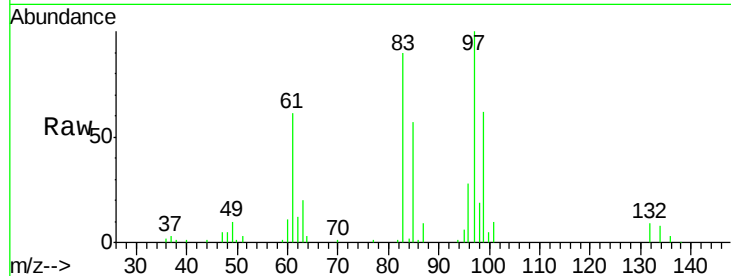
Time--> 7.80 7.85 7.90 7.95 8.00





#45
 1,1,2-Trichloroethane
 Concen: 4.97 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion:	97	Resp:	38370
Ion	Ratio	Lower	Upper
97	100		
99	61.8	45.5	84.5
83	90.3	63.1	117.1
85	57.1	40.2	74.6

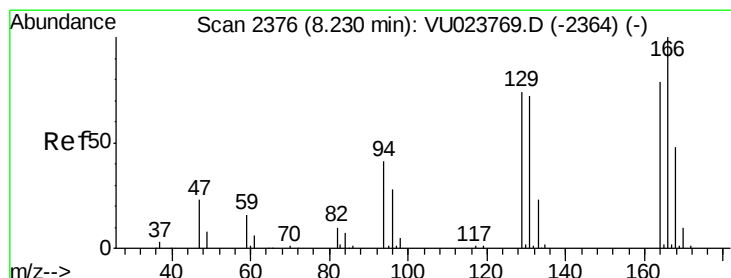
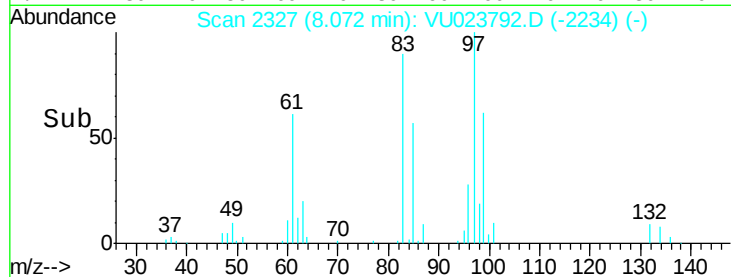
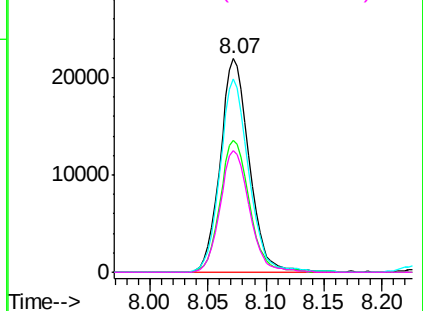


Abundance Ion 96.95 (96.65 to 97.65): VU023792.D (-2234) (-)

Ion 99.05 (98.75 to 99.75): VU023792.D (-2234) (-)

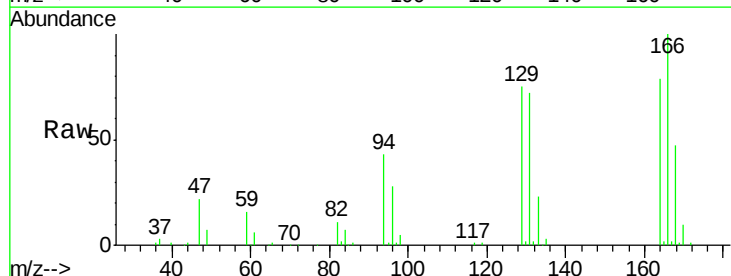
Ion 82.95 (82.65 to 83.65): VU023792.D (-2234) (-)

Ion 85.00 (84.70 to 85.70): VU023792.D (-2234) (-)



#47
 Tetrachloroethene
 Concen: 5.04 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion:	164	Resp:	46859
Ion	Ratio	Lower	Upper
164	100		
129	95.9	66.4	123.2
131	91.6	61.9	115.1
166	127.1	90.5	168.1

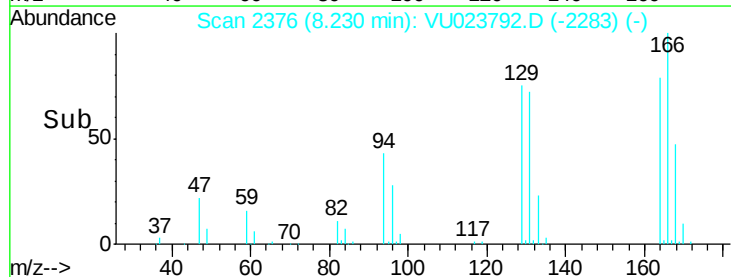
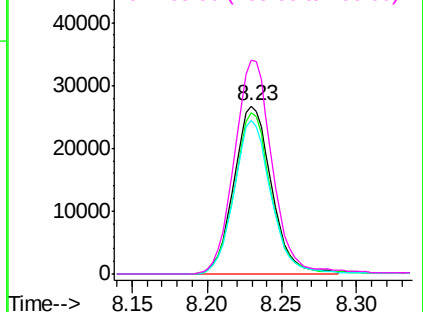


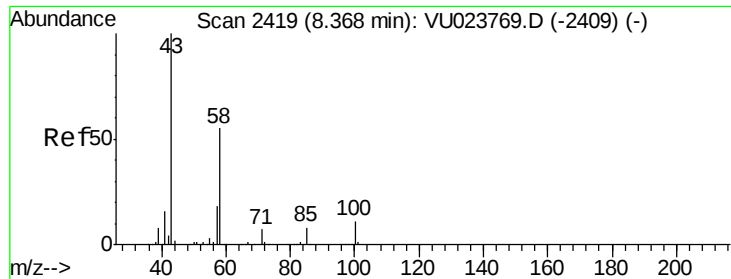
Abundance Ion 163.90 (163.60 to 164.60): VU023792.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023792.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023792.D (-2283) (-)

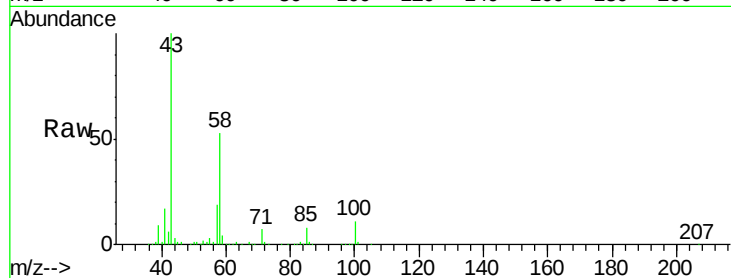
Ion 165.90 (165.60 to 166.60): VU023792.D (-2283) (-)



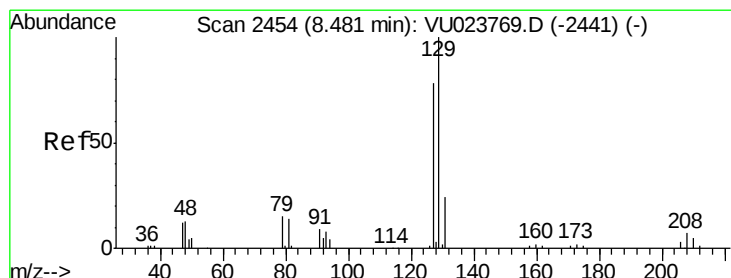
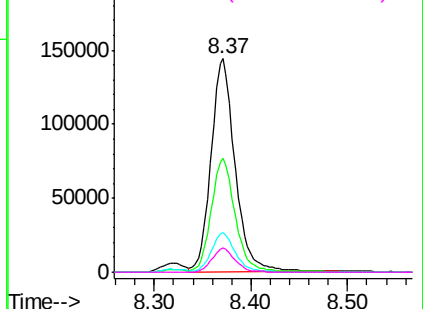
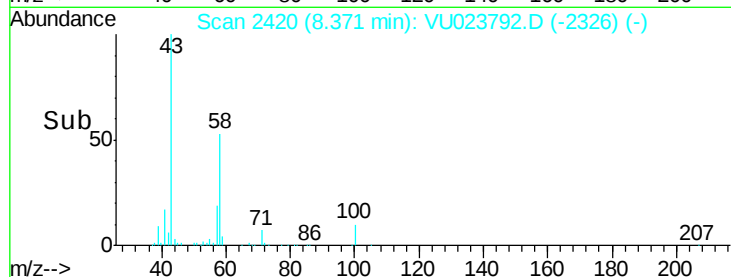


#48
2-Hexanone
Concen: 52.47 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion:	43	Resp:	248365
Ion	Ratio	Lower	Upper
43	100		
58	52.7	42.3	63.5
57	18.1	14.7	22.1
100	11.0	8.7	13.1

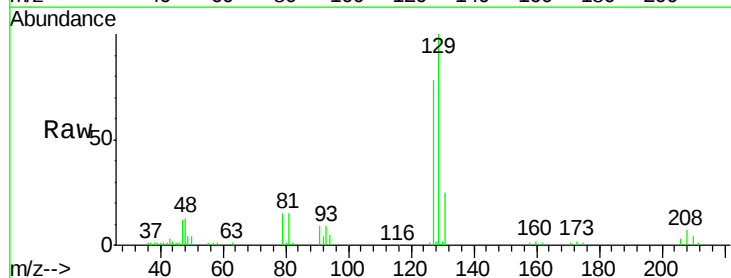


Abundance Ion 43.05 (42.75 to 43.75): VU023792.D (-2326) (-)

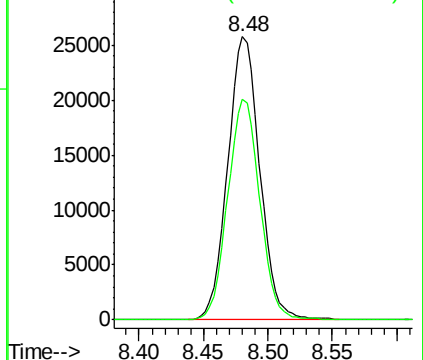
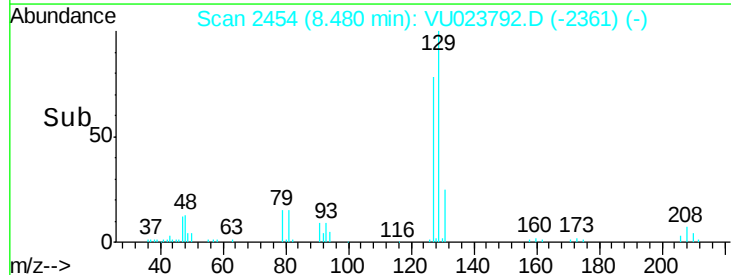


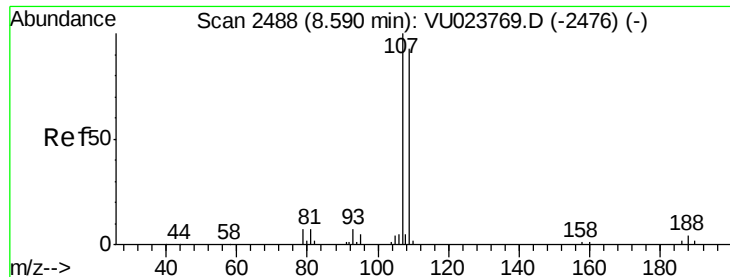
#49
Dibromochloromethane
Concen: 5.02 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion:	129	Resp:	44555
Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.3	100.8



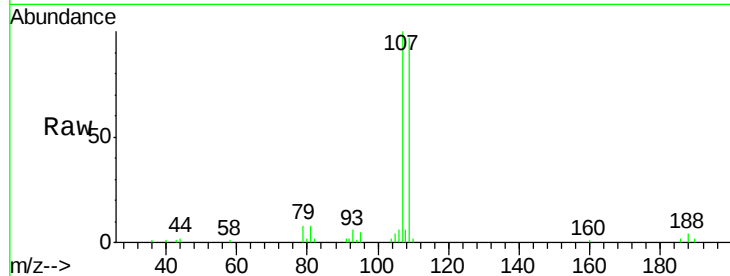
Abundance Ion 128.95 (128.65 to 129.65): VU023792.D (-2361) (-)



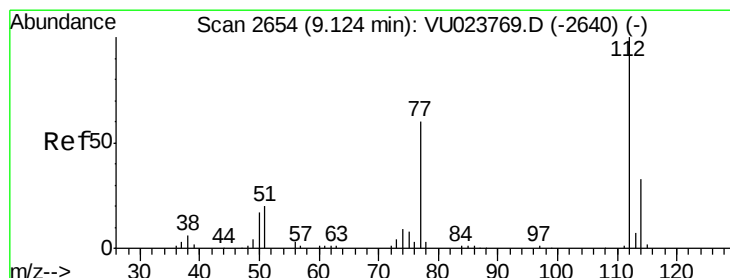
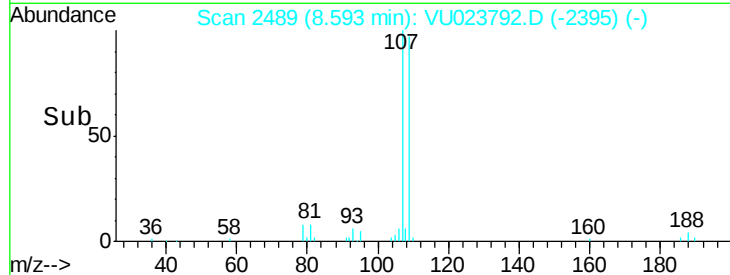
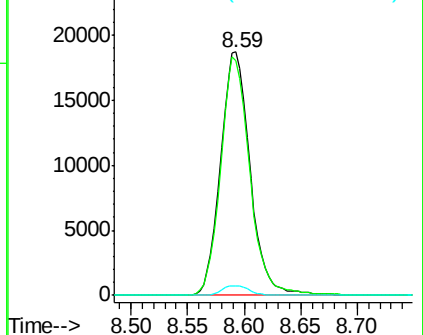


#50
1,2-Dibromoethane
Concen: 4.91 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion:107 Resp: 33992
Ion Ratio Lower Upper
107 100
109 96.6 68.5 127.3
188 3.9 3.5 5.3

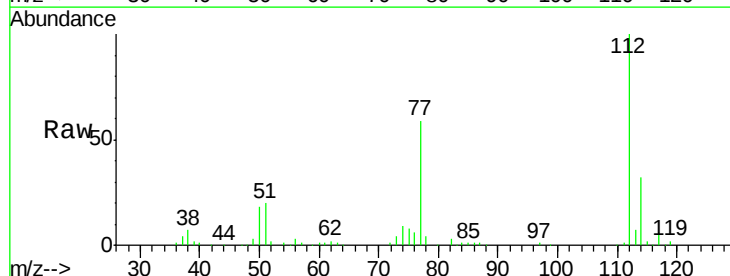


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

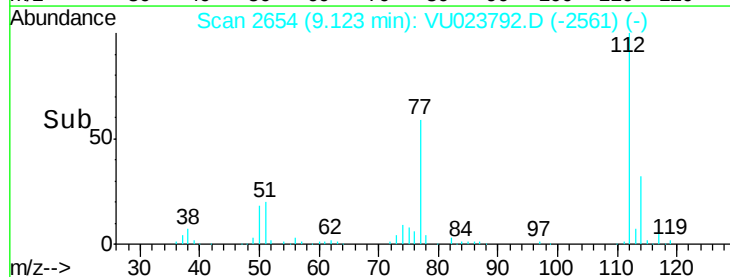
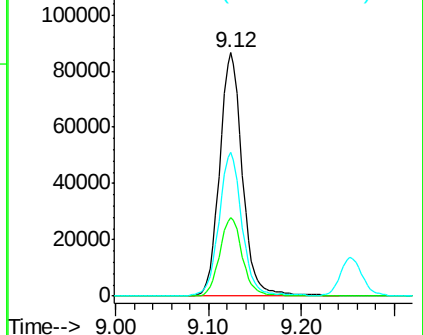


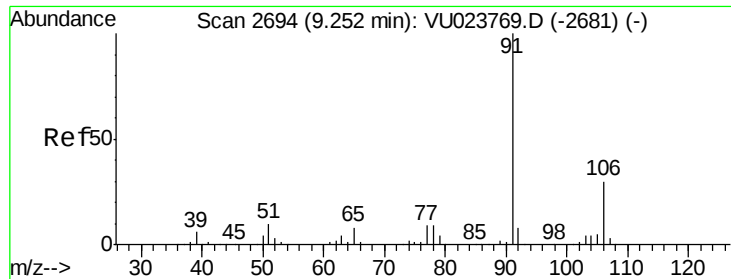
#51
Chlorobenzene
Concen: 5.06 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion:112 Resp: 147690
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 59.3 47.5 71.3



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.09 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023792.D

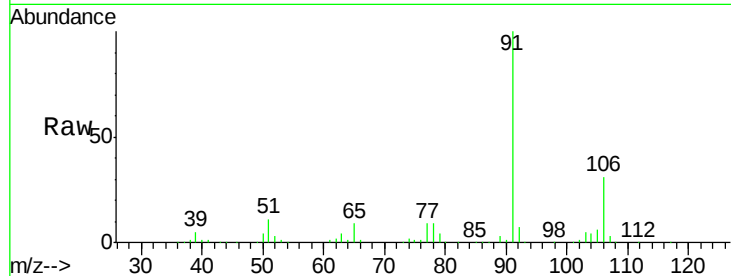
Acq: 11 May 2018 11:12

Tgt Ion: 91 Resp: 236160

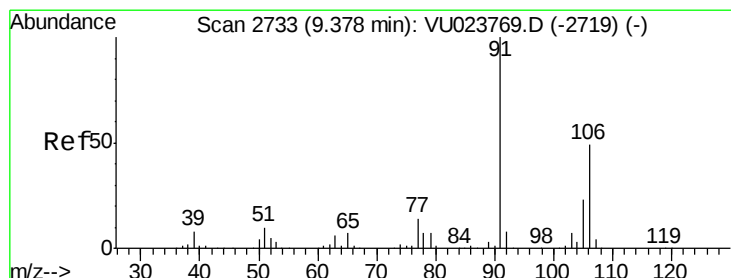
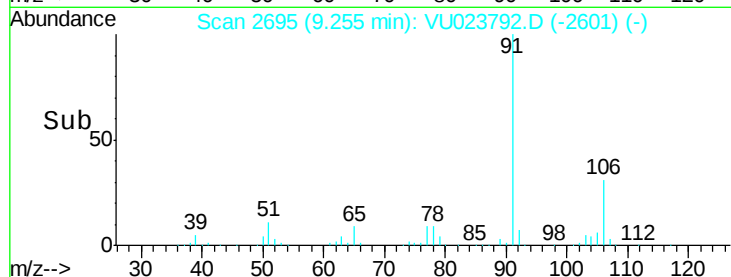
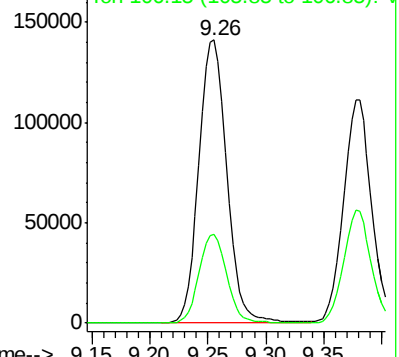
Ion Ratio Lower Upper

91 100

106 31.3 22.1 41.1



Abundance Ion 91.15 (90.85 to 91.85): VU023792.D (-2681) (-)



#53

m,p-xylene

Concen: 5.40 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023792.D

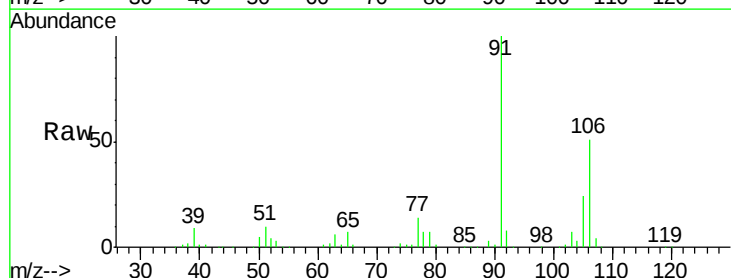
Acq: 11 May 2018 11:12

Tgt Ion: 106 Resp: 94185

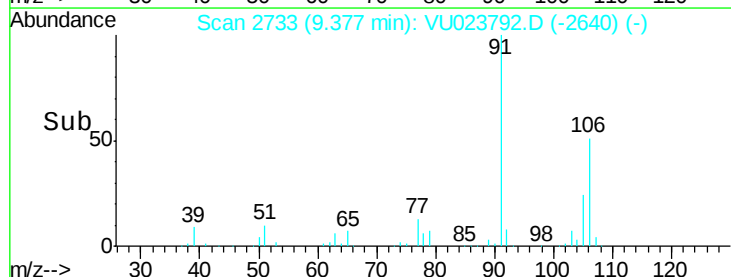
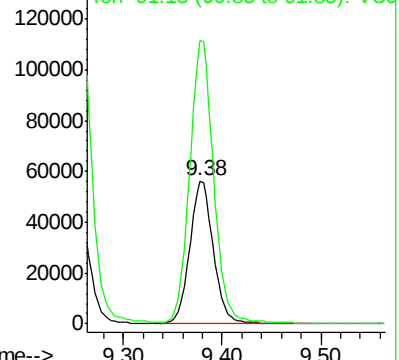
Ion Ratio Lower Upper

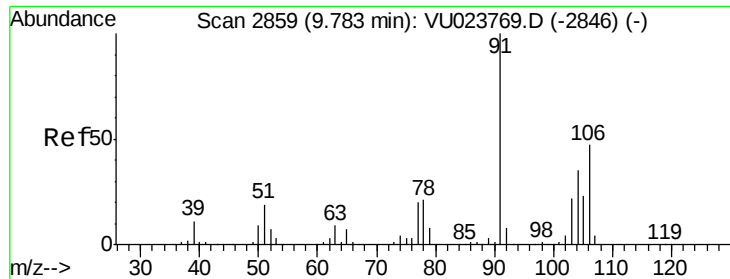
106 100

91 197.8 141.5 262.7



Abundance Ion 106.15 (105.85 to 106.85): VU023792.D (-2719) (-)





#54

o-xylene

Concen: 5.20 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023792.D

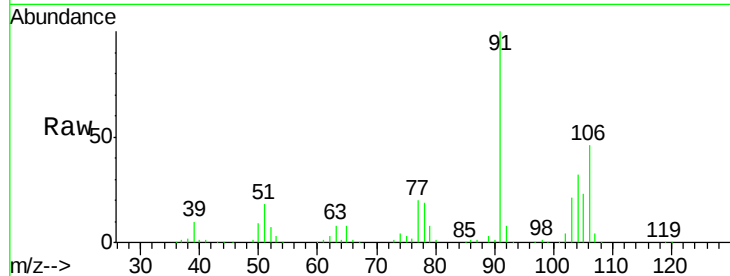
Acq: 11 May 2018 11:12

Tgt Ion:106 Resp: 87730

Ion Ratio Lower Upper

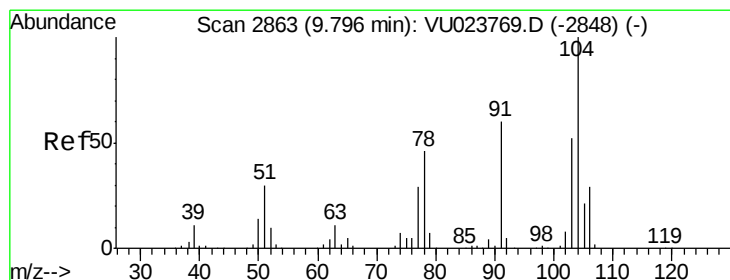
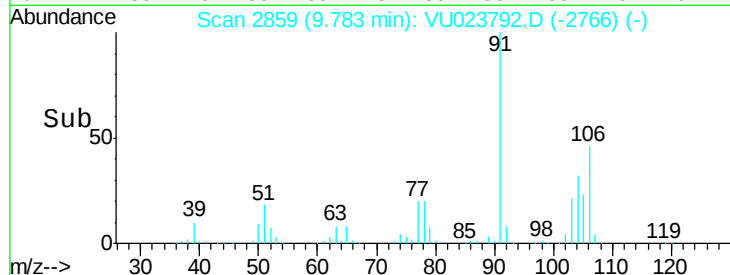
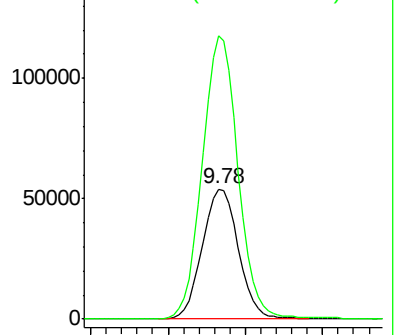
106 100

91 217.5 148.7 276.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 5.49 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU023792.D

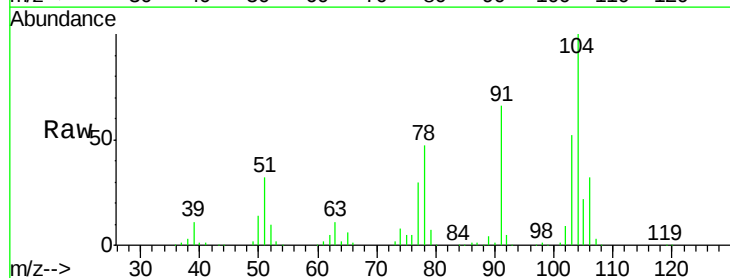
Acq: 11 May 2018 11:12

Tgt Ion:104 Resp: 156061

Ion Ratio Lower Upper

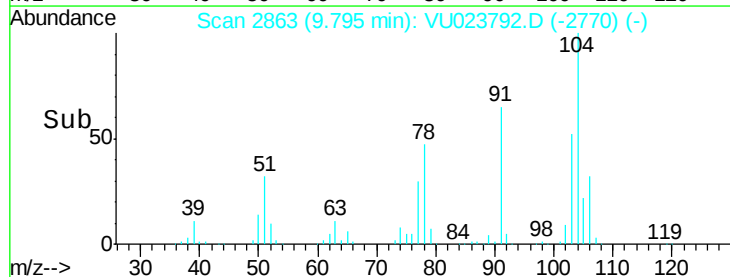
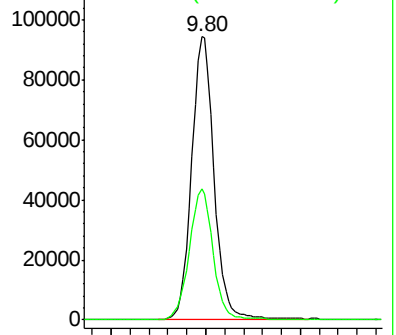
104 100

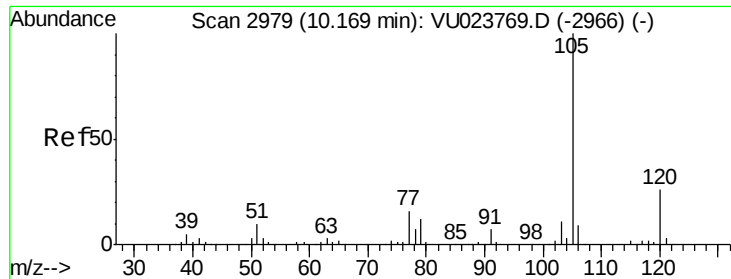
78 46.5 33.0 61.4



Abundance Ion 104.10 (103.80 to 104.80): V

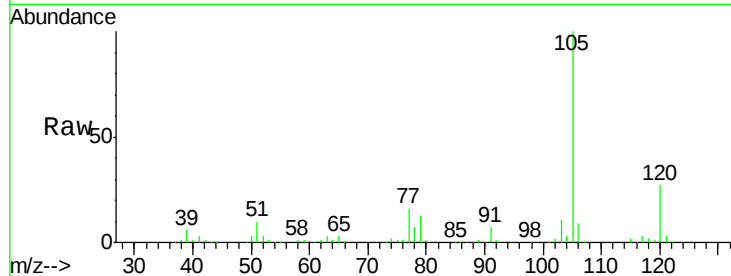
Ion 78.10 (77.80 to 78.80): VU0



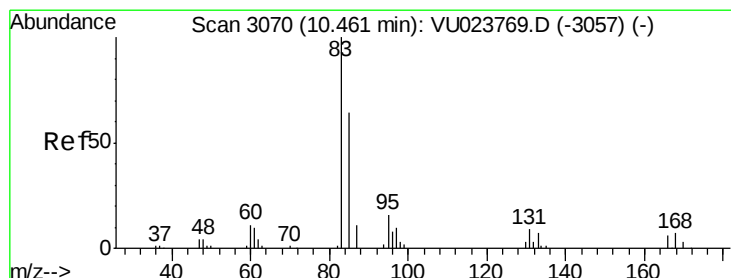
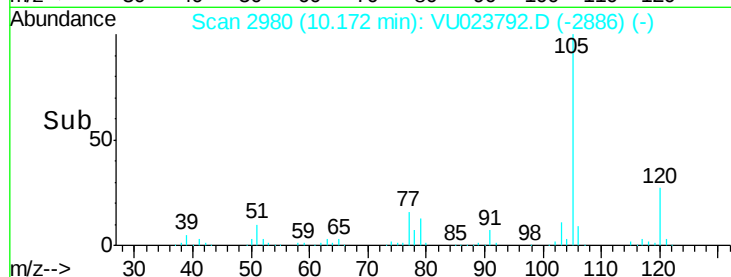
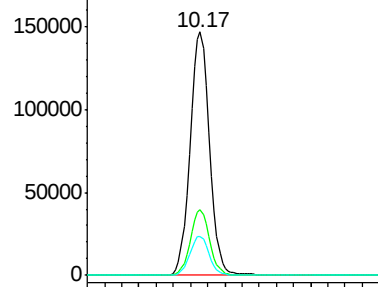


#56
Isopropylbenzene
Concen: 5.28 ug/L
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.6
77	16.0	12.6	19.0

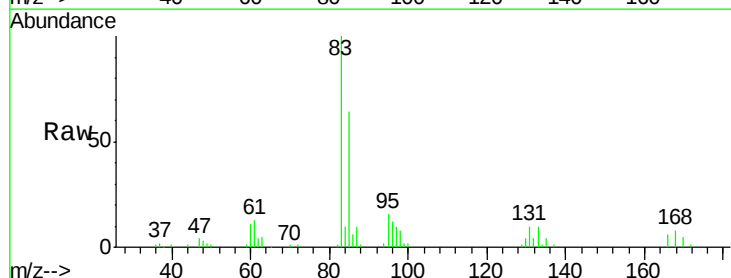


Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V

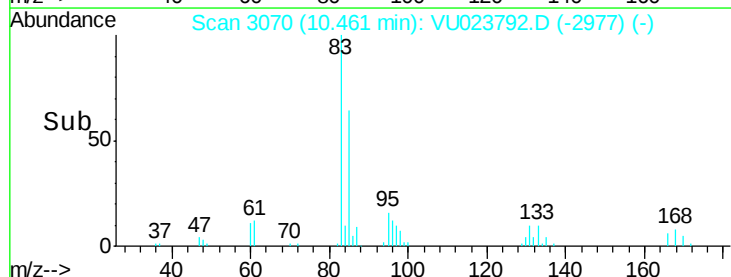
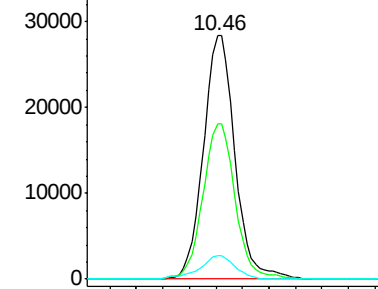


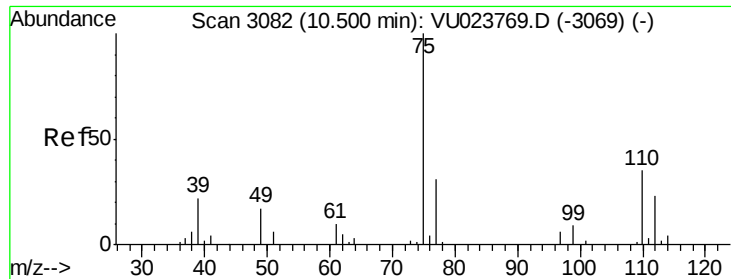
#58
1,1,2,2-Tetrachloroethane
Concen: 4.83 ug/L
RT: 10.46 min Scan# 3070
Delta R.T. -0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.8	85.2
131	9.9	7.5	11.3



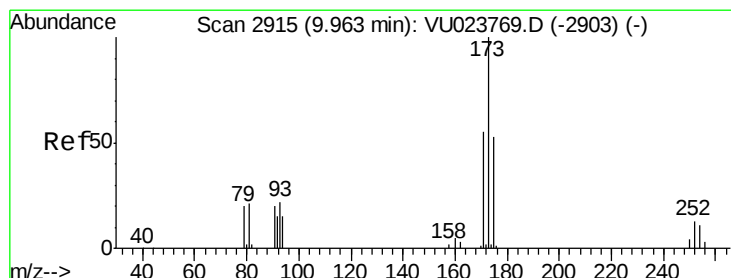
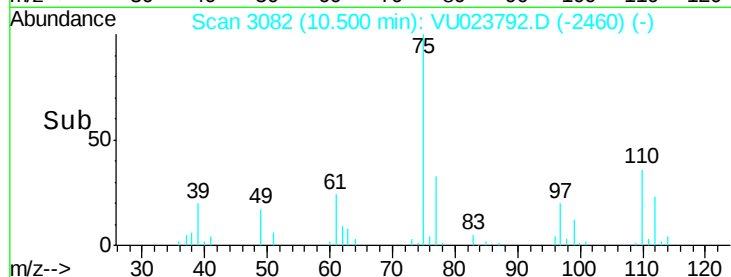
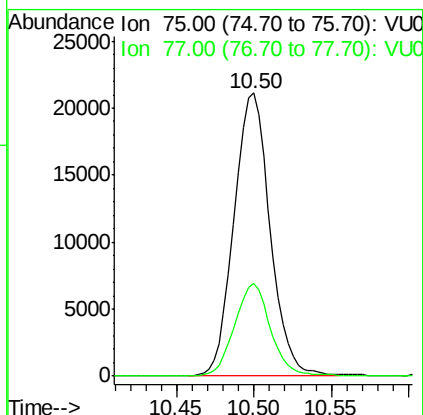
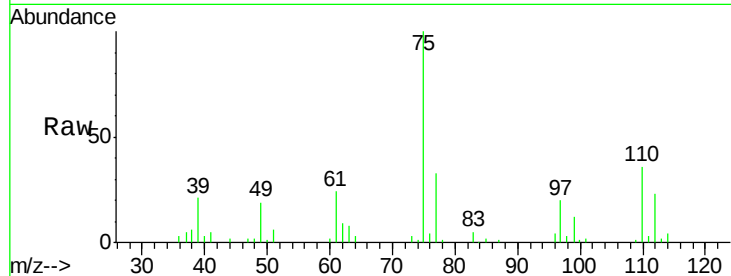
Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 130.95 (130.65 to 131.65): V





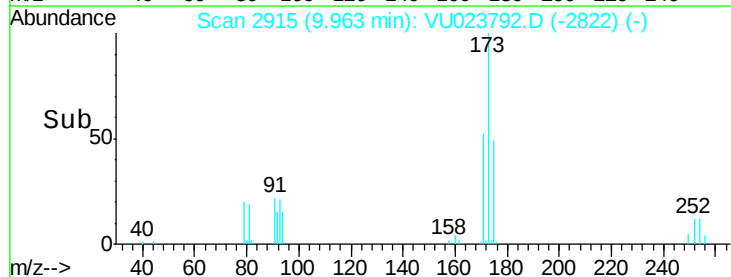
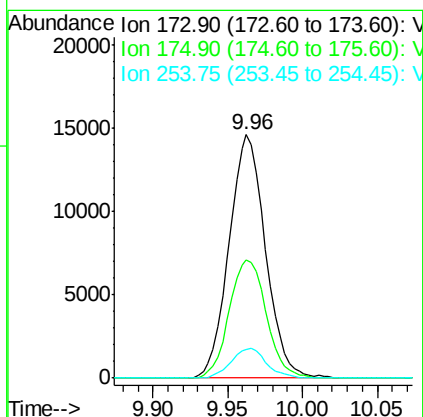
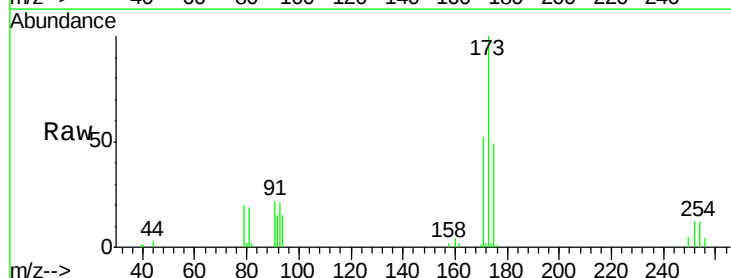
#59
 1,2,3-Trichloropropane
 Concen: 5.09 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

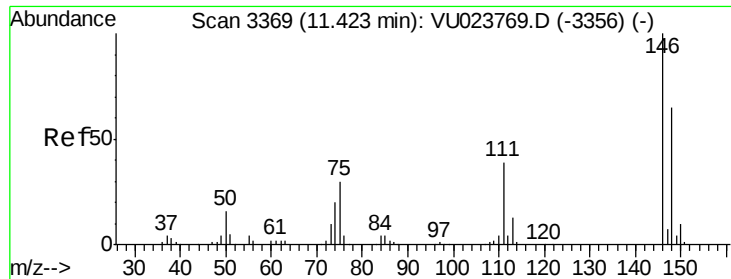
Tgt Ion: 75 Resp: 34317
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1



#61
 Bromoform
 Concen: 4.68 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion: 173 Resp: 24782
 Ion Ratio Lower Upper
 173 100
 175 49.5 39.9 59.9
 254 11.7 8.4 12.6





#62

1,3-Dichlorobenzene

Concen: 4.96 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

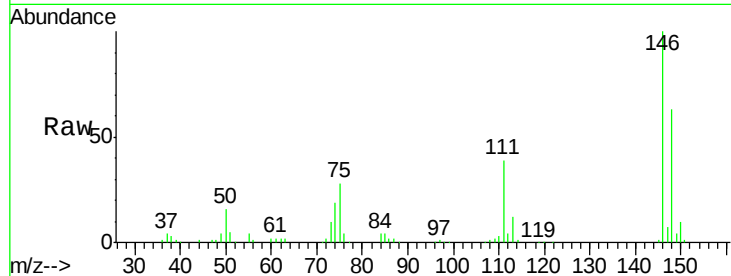
Tgt Ion:146 Resp: 113299

Ion Ratio Lower Upper

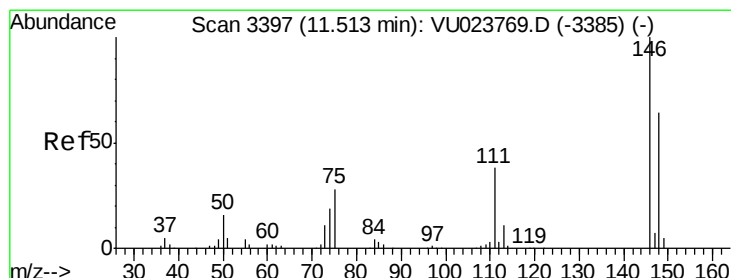
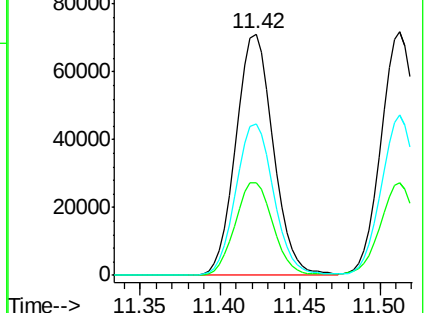
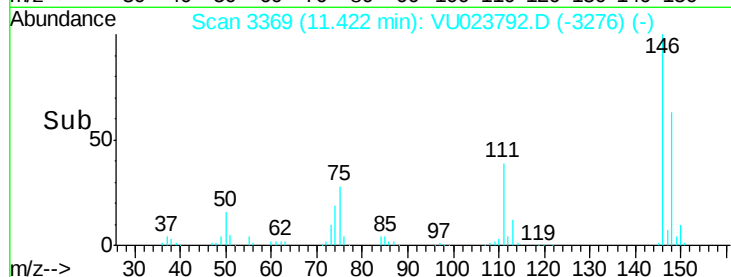
146 100

111 38.5 27.8 51.6

148 62.9 45.6 84.8



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.01 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

Lab File: VU023792.D

Acq: 11 May 2018 11:12

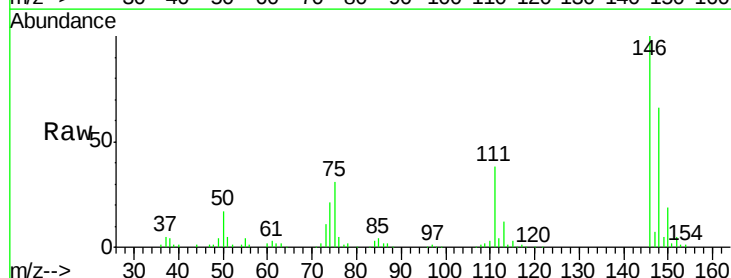
Tgt Ion:146 Resp: 117308

Ion Ratio Lower Upper

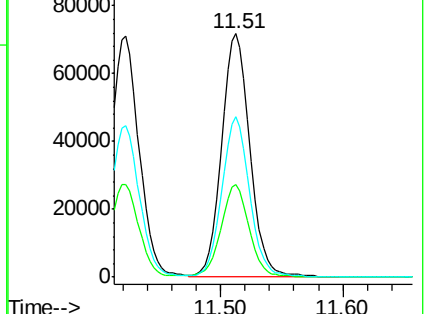
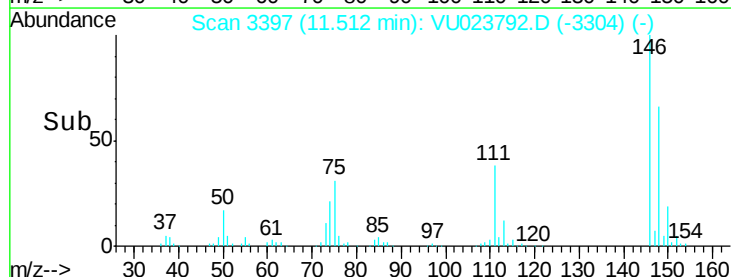
146 100

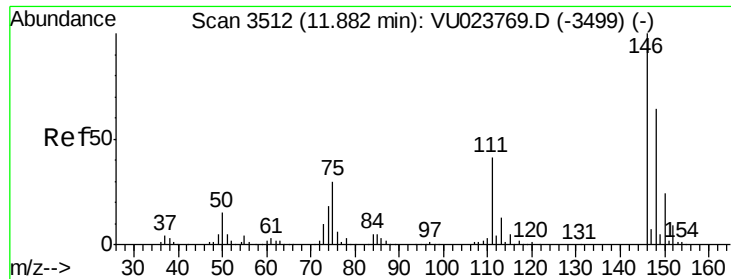
111 38.3 26.7 49.5

148 65.6 45.4 84.4



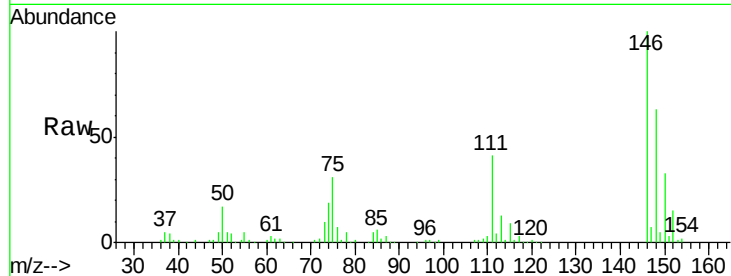
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



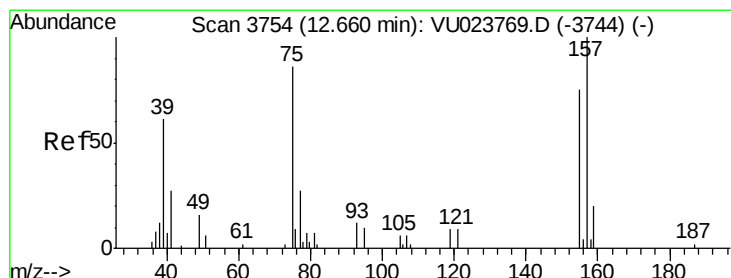
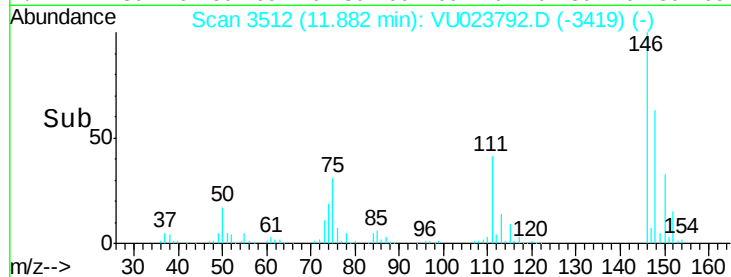
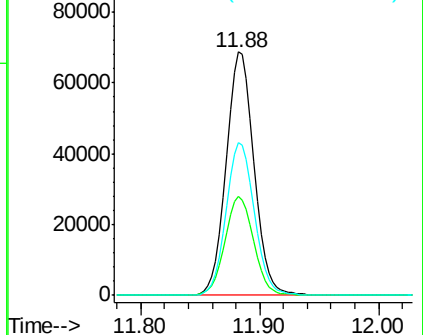


#65
 1,2-Dichlorobenzene
 Concen: 4.83 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion: 146 Resp: 111614
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.5 50.3
 148 62.8 50.4 75.6

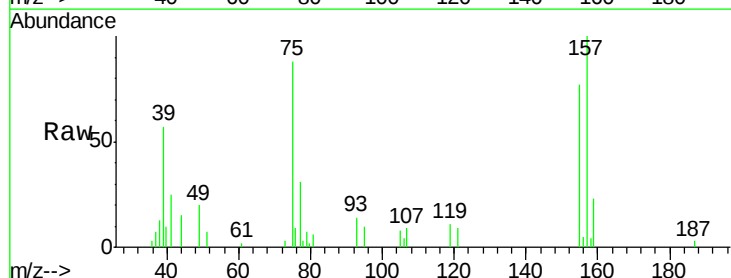


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

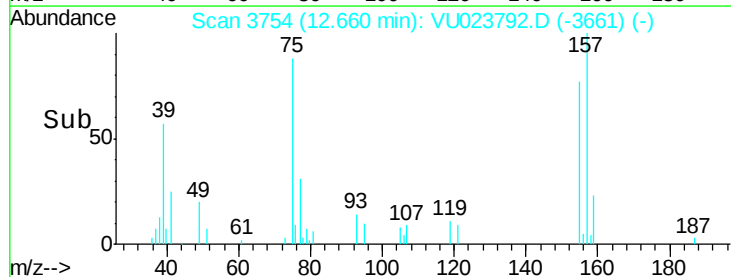
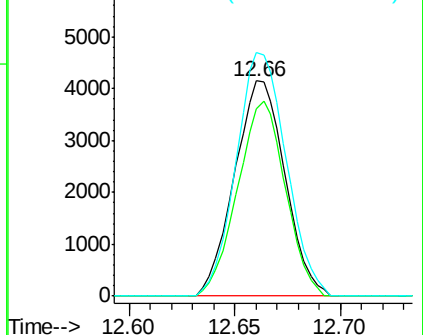


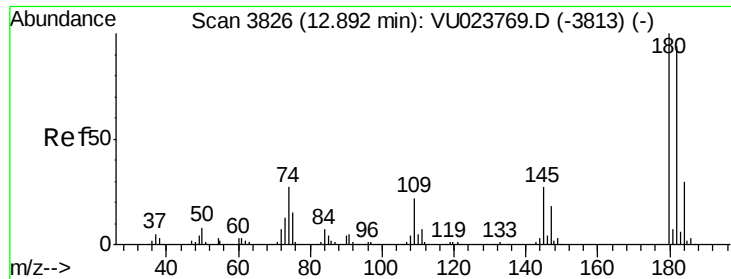
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.79 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion: 75 Resp: 6906
 Ion Ratio Lower Upper
 75 100
 155 87.2 64.6 96.8
 157 113.2 92.9 139.3



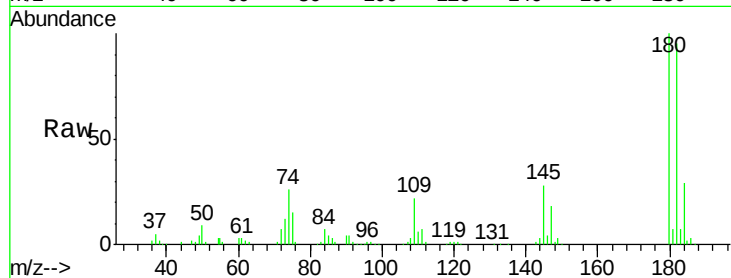
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V



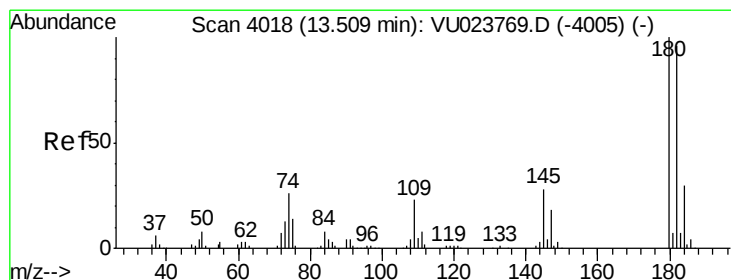
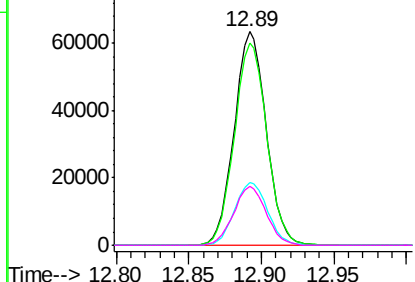
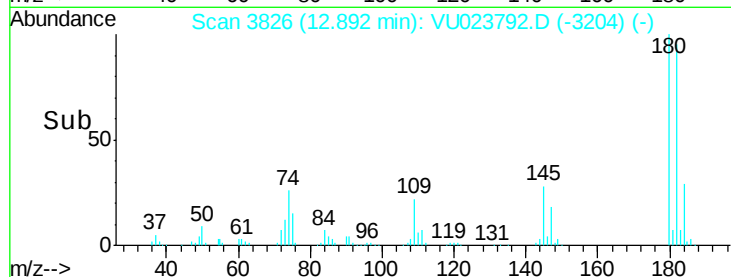


#67
 1,3,5-Trichlorobenzene
 Concen: 5.14 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion:180 Resp: 97303
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.7 113.5
 184 30.3 24.1 36.1
 145 28.1 21.9 32.9

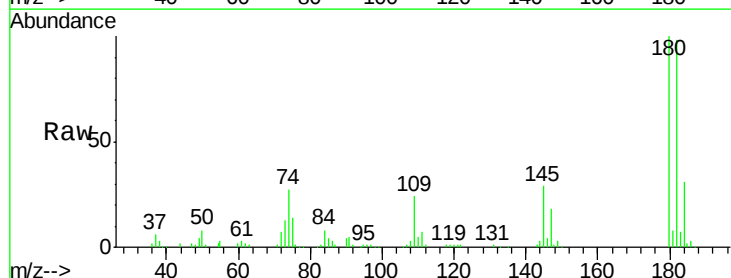


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

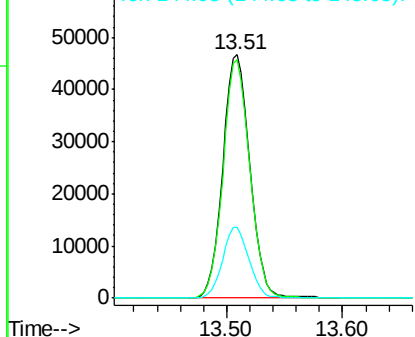
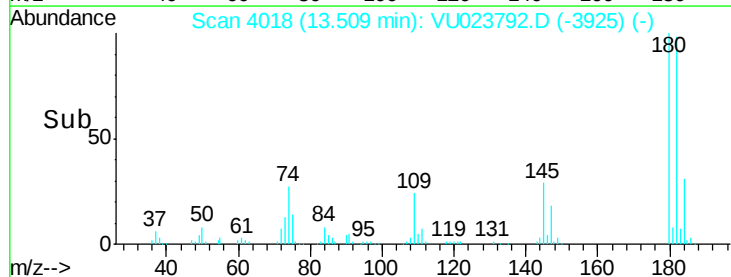


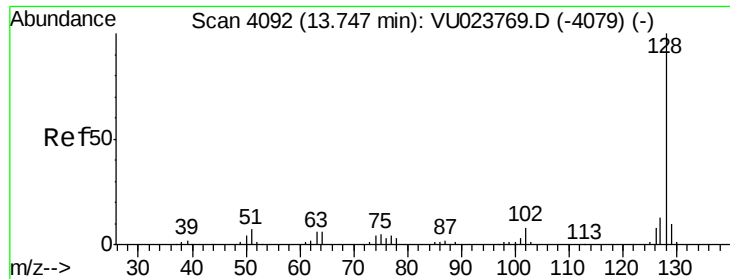
#68
 1,2,4-trichlorobenzene
 Concen: 5.19 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. -0.00 min
 Lab File: VU023792.D
 Acq: 11 May 2018 11:12

Tgt Ion:180 Resp: 75858
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.9 115.3
 145 28.3 22.4 33.6



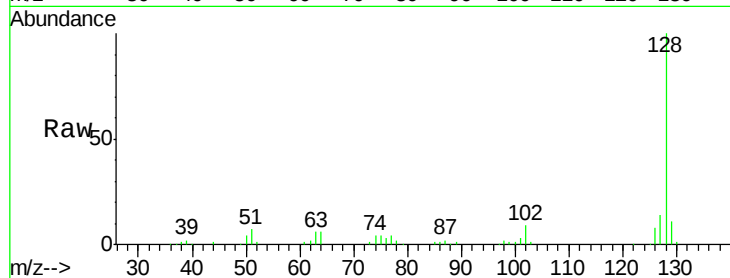
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



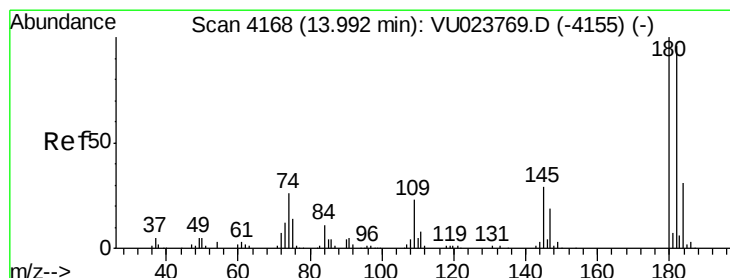
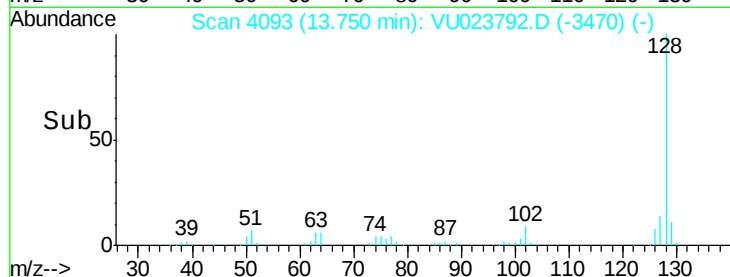
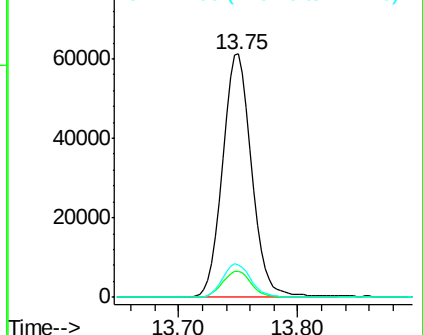


#69
Naphthalene
Concen: 4.65 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion:128 Resp: 104147
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.3 10.8 16.2

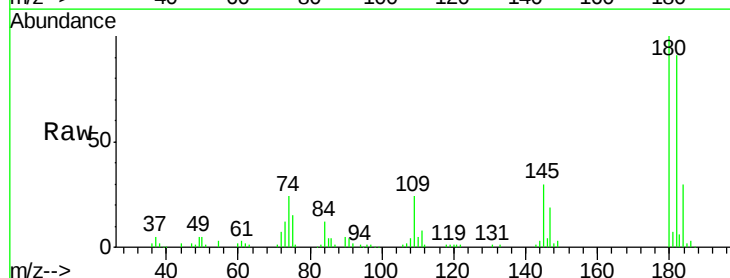


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 5.25 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023792.D
Acq: 11 May 2018 11:12

Tgt Ion:180 Resp: 73829
Ion Ratio Lower Upper
180 100
182 93.5 75.4 113.0
145 30.1 23.5 35.3



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

