

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051118\
 Data File : VU023805.D
 Acq On : 11 May 2018 17:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 12 02:10:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 02:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52262	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.68	69	43164	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.27	63	103014	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.60%
20) 2-Butanone-d5	4.20	46	128400	53.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	4.65	84	81460	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	44937	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	172530	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.34	67	55717	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.57	98	164564	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	19647	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.32	63	100569	55.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44867	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	62758	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	69922	5.58	ug/L 98
3) Chloromethane	1.33	50	68586	5.75	ug/L 100
5) Vinyl chloride	1.40	62	74897	5.84	ug/L 98
6) Bromomethane	1.63	94	24802	5.61	ug/L 100
8) Chloroethane	1.70	64	46113	5.60	ug/L 97
9) Trichlorofluoromethane	1.89	101	91074	6.02	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	55001	6.05	ug/L 96
12) 1,1-Dichloroethene	2.28	96	49960	5.89	ug/L 92
13) Acetone	2.32	43	108679	65.80	ug/L 98
14) Carbon disulfide	2.48	76	166745	5.78	ug/L 100
15) Methyl Acetate	2.62	43	29774	6.69	ug/L 96
16) Methylene chloride	2.70	84	59616	6.13	ug/L 93
17) Methyl tert-butyl Ether	3.00	73	132068	6.36	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	53284	5.85	ug/L 97
19) 1,1-Dichloroethane	3.45	63	100678	5.41	ug/L 97
21) 2-Butanone	4.28	43	151872	55.44	ug/L 97
22) cis-1,2-Dichloroethene	4.23	96	55276	5.24	ug/L 98

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 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 12 02:10:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
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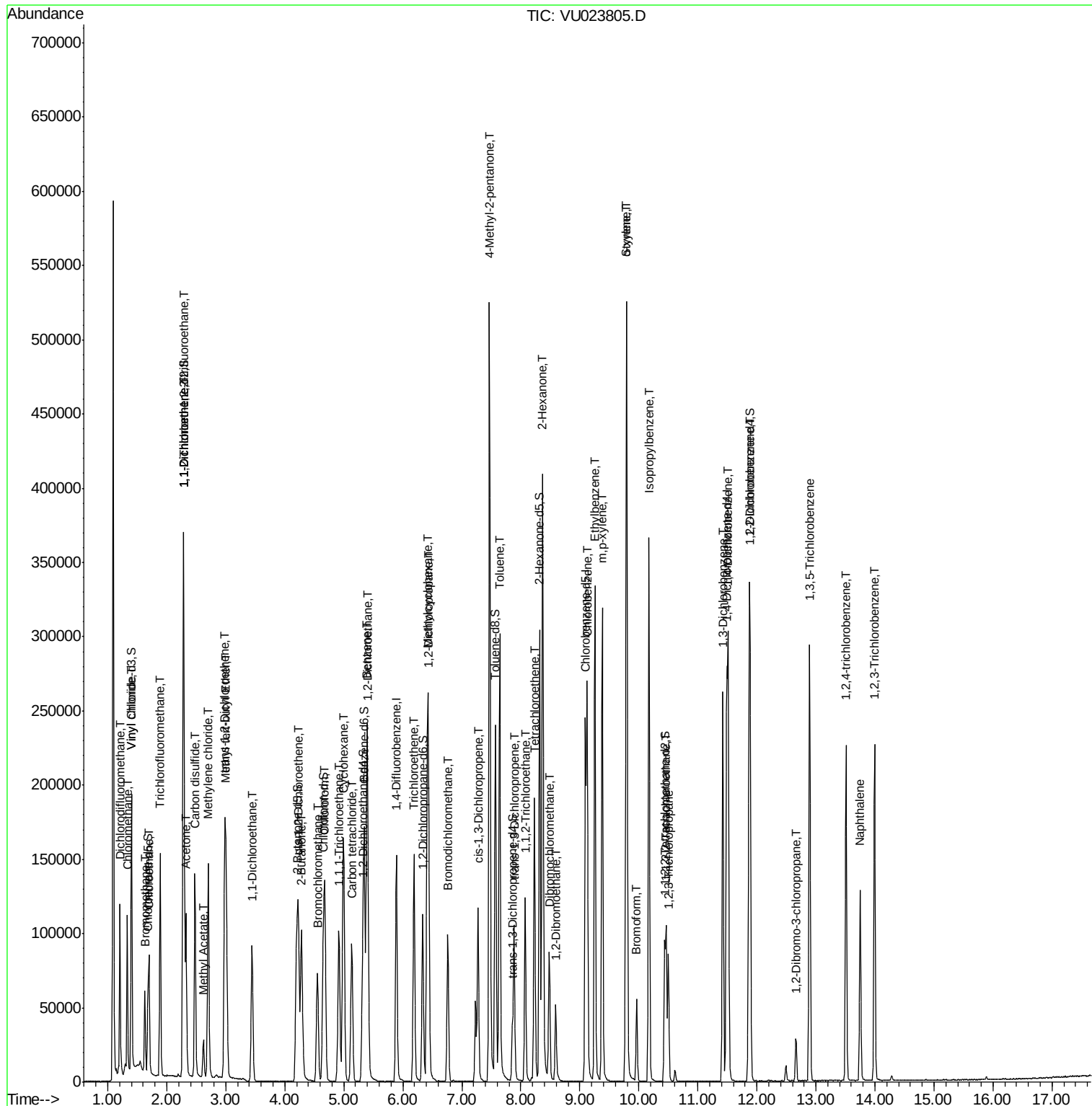
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

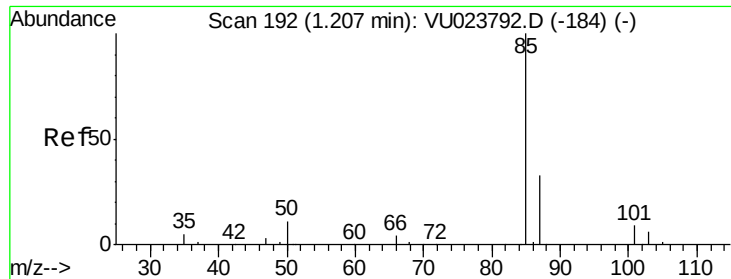
23) Bromochloromethane	4.55	128	24909	5.55	ug/L	97
25) Chloroform	4.68	83	104125	5.42	ug/L	98
27) 1,2-Dichloroethane	5.41	62	60744	5.41	ug/L #	94
29) 1,1,1-Trichloroethane	4.92	97	79363	4.97	ug/L	99
30) Cyclohexane	5.00	56	79784	4.78	ug/L	99
31) Carbon tetrachloride	5.13	117	68211	5.02	ug/L	99
33) Benzene	5.39	78	212025	5.00	ug/L	100
34) Trichloroethene	6.19	95	54317	4.97	ug/L	96
35) Methylcyclohexane	6.42	83	80625	5.03	ug/L	97
37) 1,2-Dichloropropane	6.44	63	59322	5.06	ug/L	100
38) Bromodichloromethane	6.76	83	66942	5.13	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	71157	5.05	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	354689	56.51	ug/L	100
42) Toluene	7.64	91	225652	5.25	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	59150	5.32	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	39531	5.33	ug/L	99
47) Tetrachloroethene	8.23	164	45492	5.09	ug/L	98
48) 2-Hexanone	8.37	43	263321	57.81	ug/L	99
49) Dibromochloromethane	8.48	129	44250	5.18	ug/L	99
50) 1,2-Dibromoethane	8.59	107	35366	5.31	ug/L	98
51) Chlorobenzene	9.12	112	144687	5.16	ug/L	99
52) Ethylbenzene	9.25	91	227546	5.09	ug/L	100
53) m,p-xylene	9.38	106	89322	5.32	ug/L	98
54) o-xylene	9.78	106	84341	5.20	ug/L	95
55) Styrene	9.80	104	153200	5.60	ug/L	98
56) Isopropylbenzene	10.17	105	227607	5.41	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	50495	5.40	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	36626	5.65	ug/L	98
61) Bromoform	9.96	173	25300	5.00	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	111877	5.12	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	116364	5.19	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	113126	5.12	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	7261	5.27	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	94269	5.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	74181	5.31	ug/L	99
69) Naphthalene	13.75	128	105279	4.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	73129	5.44	ug/L	98

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

```
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Sample      : VSTDCCC005EC  
Misc        : 25.0mL/MSVOA_U/WATER  
ALS Vial    : 15      Sample Multiplier: 1
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#2

Dichlorodifluoromethane

Concen: 5.58 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023805.D

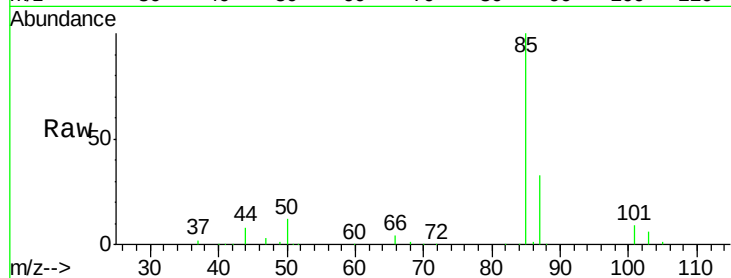
Acq: 11 May 2018 17:01

Tgt Ion: 85 Resp: 69922

Ion Ratio Lower Upper

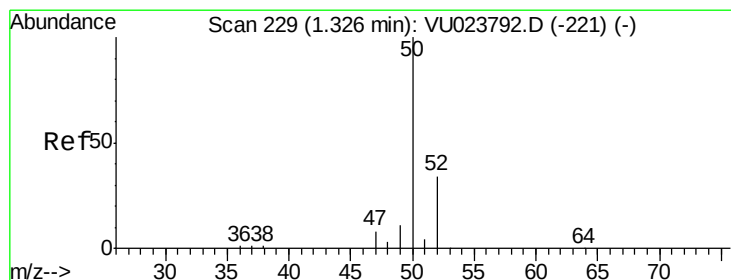
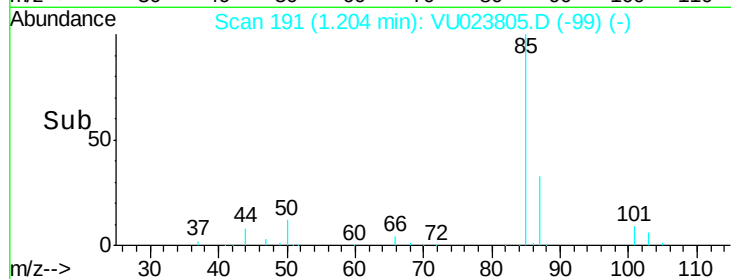
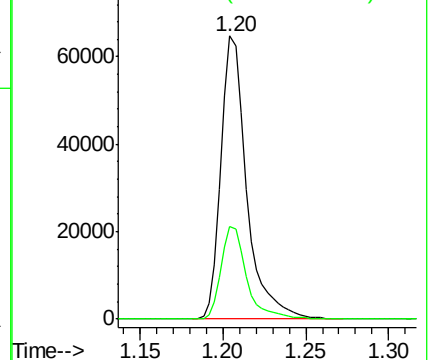
85 100

87 32.5 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 5.75 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023805.D

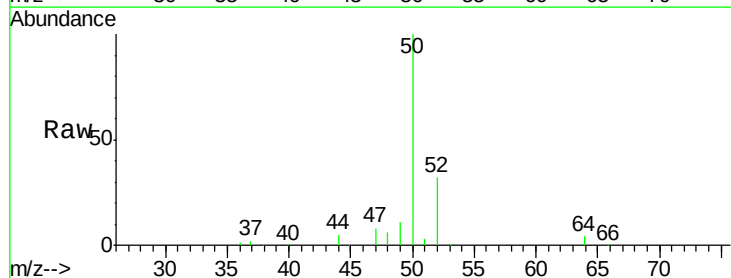
Acq: 11 May 2018 17:01

Tgt Ion: 50 Resp: 68586

Ion Ratio Lower Upper

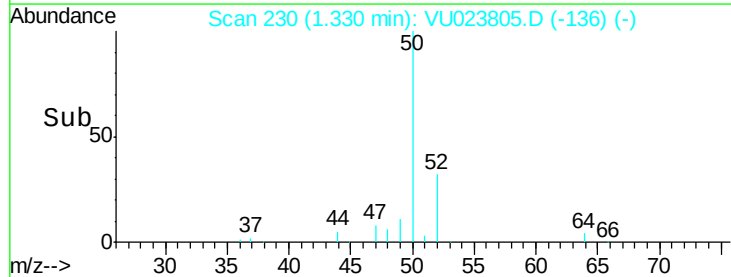
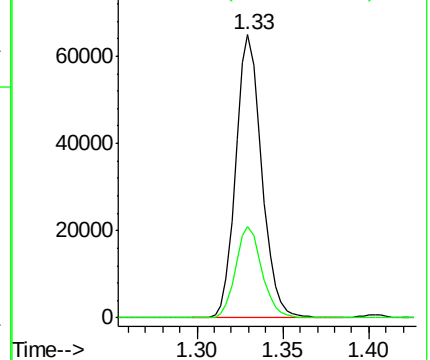
50 100

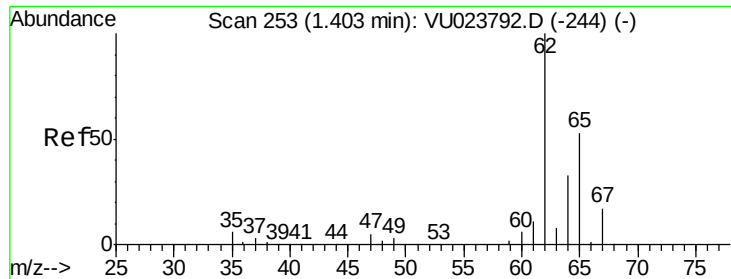
52 32.5 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 5.84 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023805.D

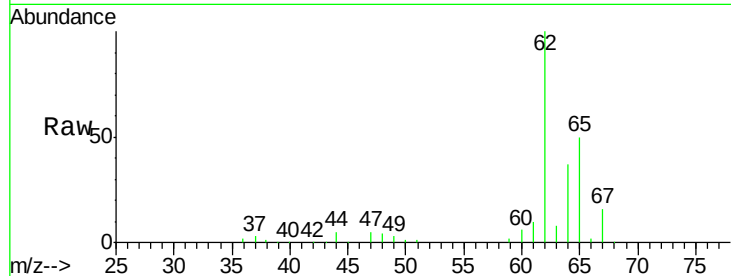
Acq: 11 May 2018 17:01

Tgt Ion: 62 Resp: 74897

Ion Ratio Lower Upper

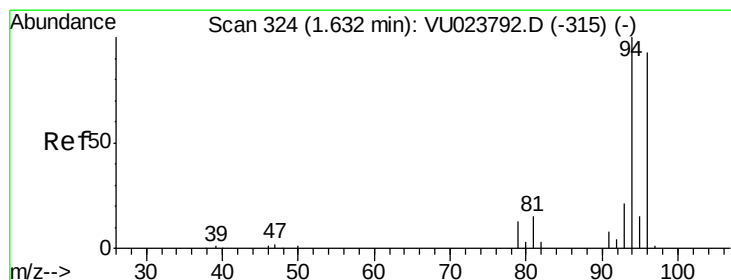
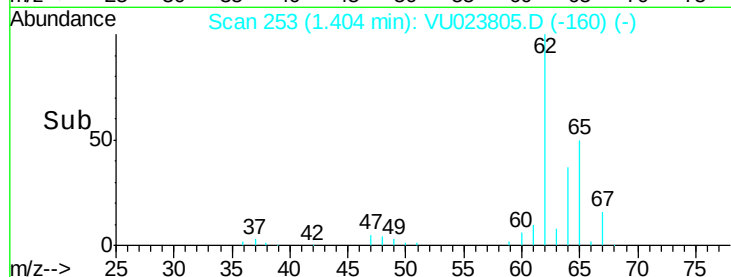
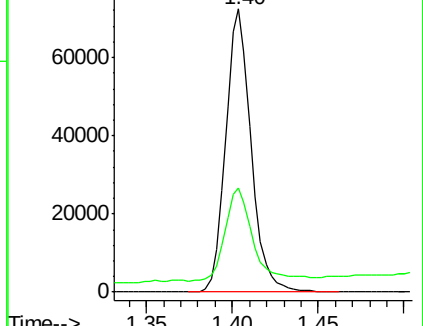
62 100

64 36.7 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: 5.61 ug/L

RT: 1.63 min Scan# 323

Delta R.T. -0.00 min

Lab File: VU023805.D

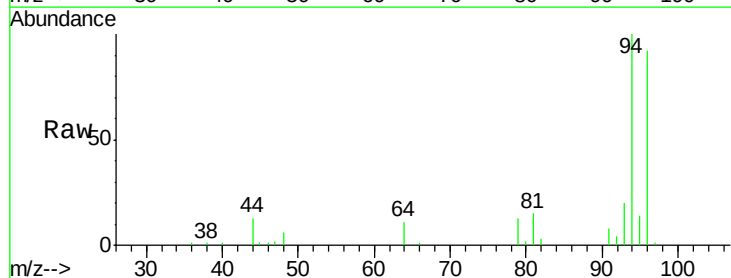
Acq: 11 May 2018 17:01

Tgt Ion: 94 Resp: 24802

Ion Ratio Lower Upper

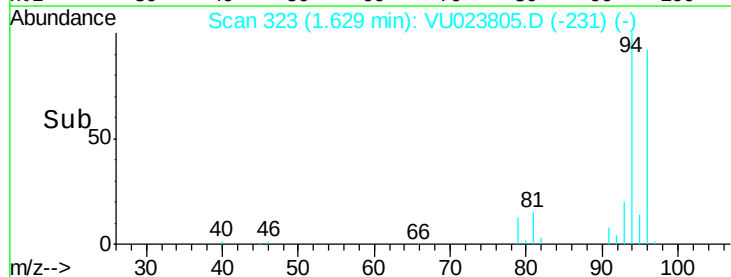
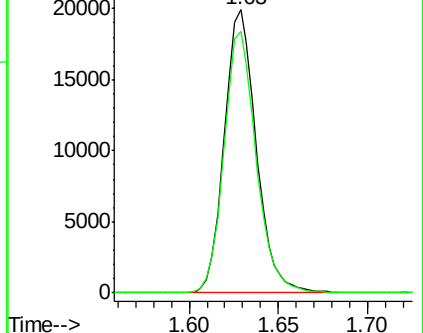
94 100

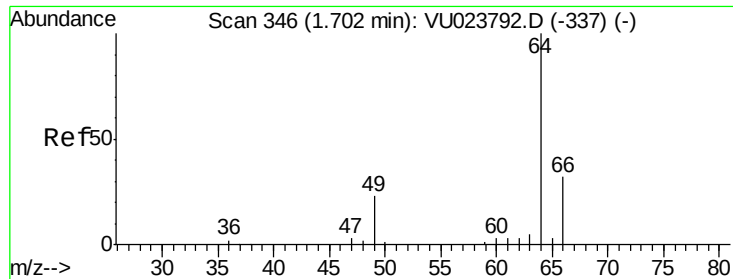
96 92.4 64.9 120.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 5.60 ug/L

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU023805.D

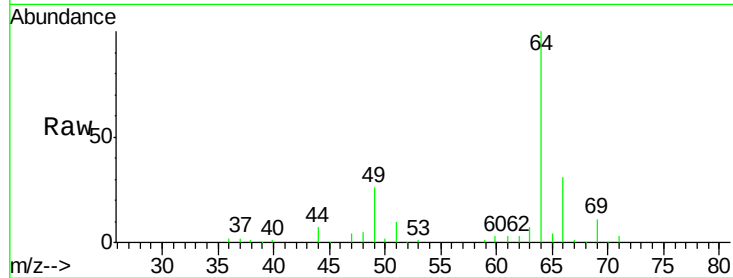
Acq: 11 May 2018 17:01

Tgt Ion: 64 Resp: 46113

Ion Ratio Lower Upper

64 100

66 31.3 20.8 38.6



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.70

40000

30000

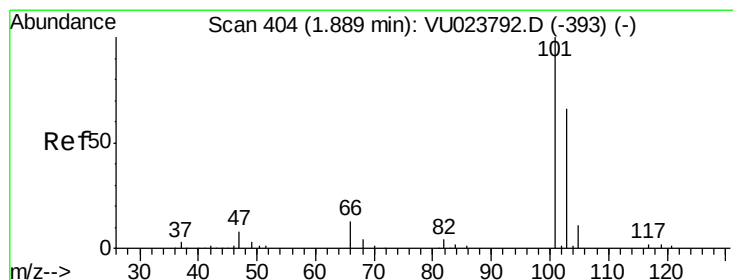
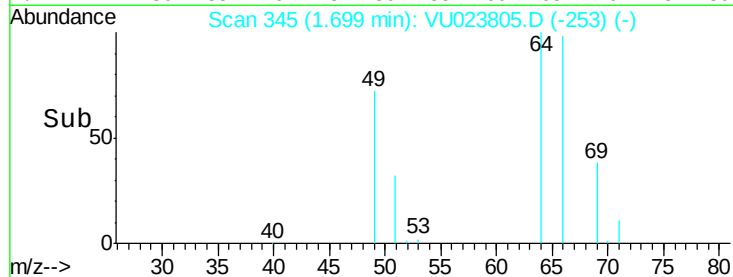
20000

10000

0

1.65 1.70 1.75

Time-->



#9

Trichlorofluoromethane

Concen: 6.02 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023805.D

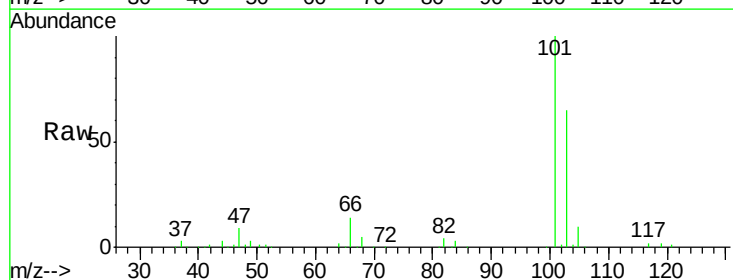
Acq: 11 May 2018 17:01

Tgt Ion: 101 Resp: 91074

Ion Ratio Lower Upper

101 100

103 65.3 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.89

60000

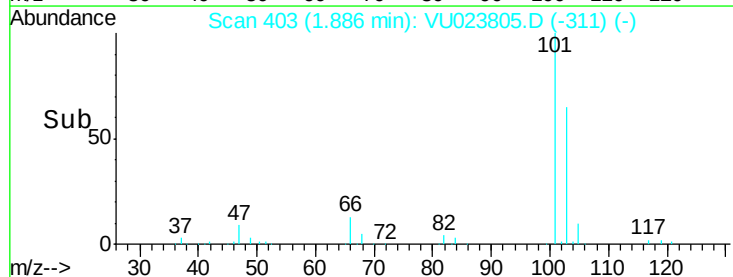
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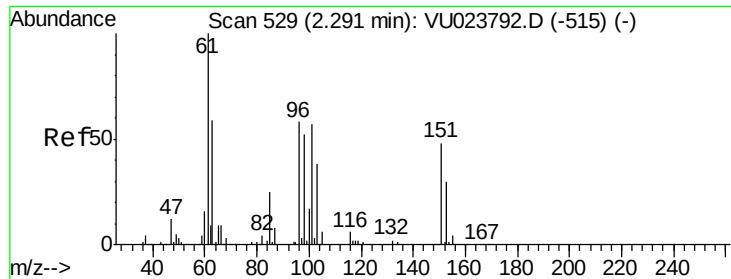
20000

0

1.85 1.90 1.95

Time-->





#10

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

Concen: 6.05 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

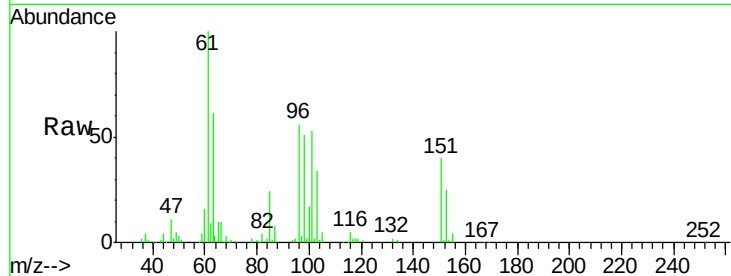
Tgt Ion: 101 Resp: 55001

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

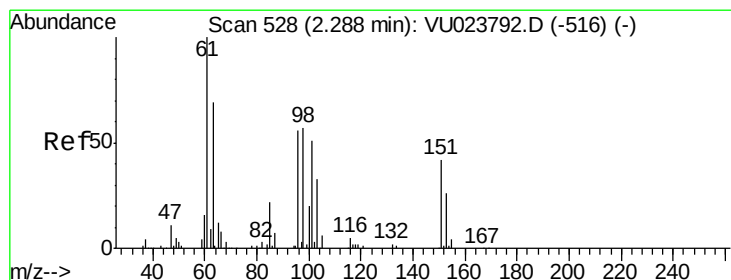
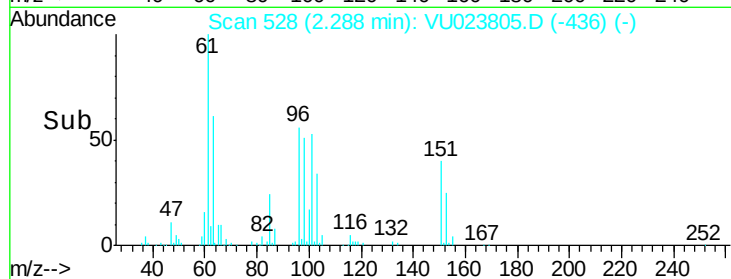
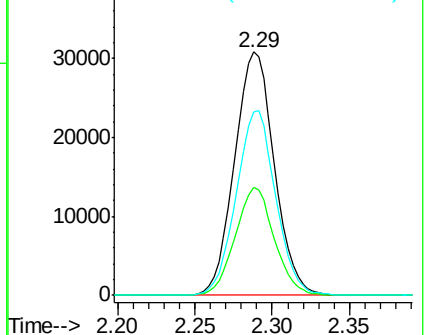
151 75.3 64.2 96.2



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: 5.89 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

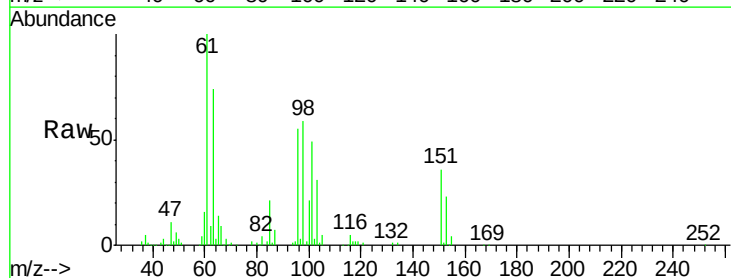
Tgt Ion: 96 Resp: 49960

Ion Ratio Lower Upper

96 100

61 183.4 124.2 230.6

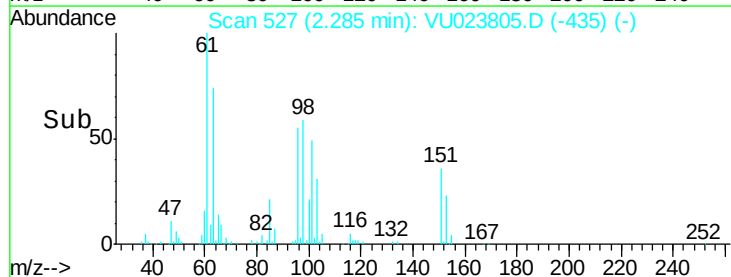
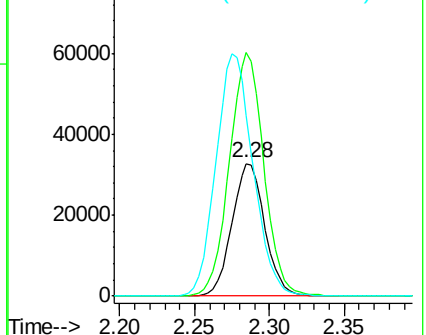
63 135.9 84.8 157.4

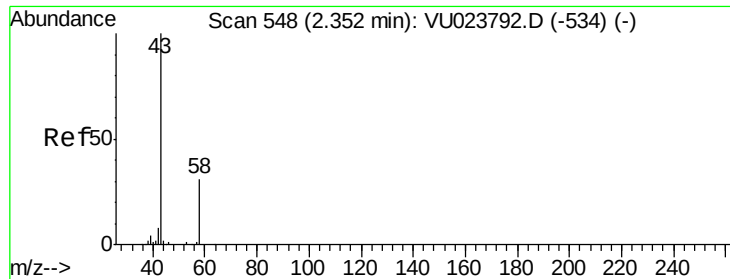


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 65.80 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.03 min

Lab File: VU023805.D

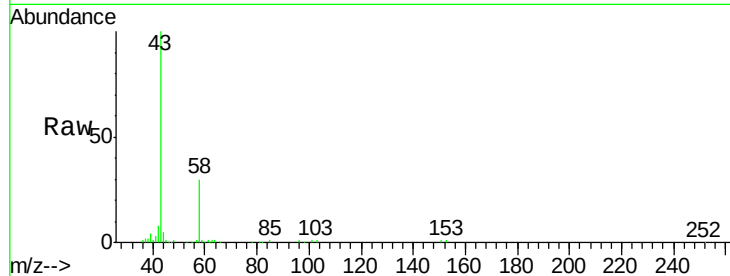
Acq: 11 May 2018 17:01

Tgt Ion: 43 Resp: 108679

Ion Ratio Lower Upper

43 100

58 30.9 0.0 64.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

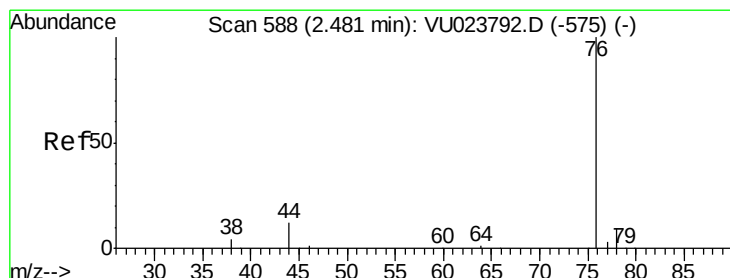
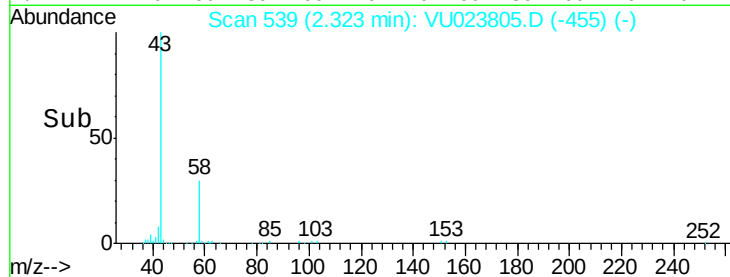
60000

40000

20000

0

Time--> 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 5.78 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023805.D

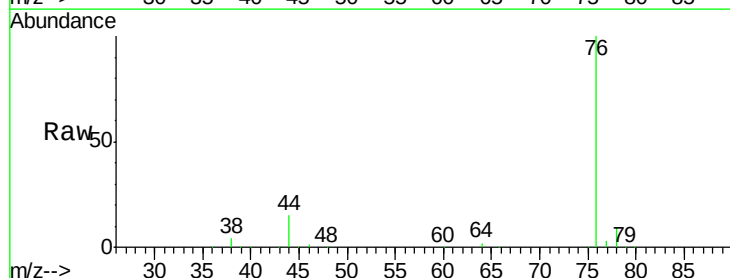
Acq: 11 May 2018 17:01

Tgt Ion: 76 Resp: 166745

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

120000

100000

80000

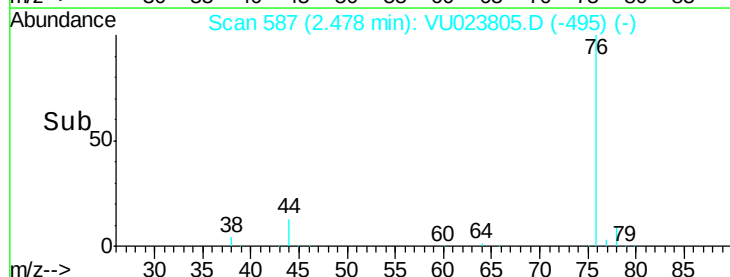
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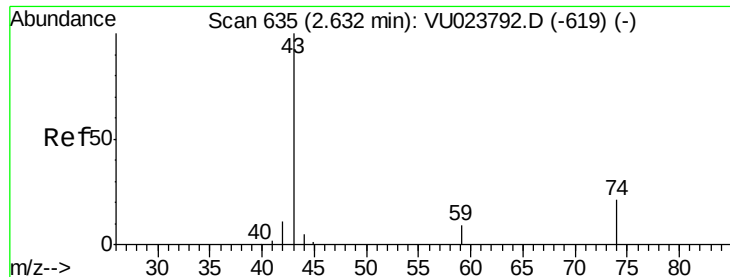
40000

20000

0

Time--> 2.40 2.50 2.60





#15

Methyl Acetate

Concen: 6.69 ug/L

RT: 2.62 min Scan# 632

Delta R.T. -0.01 min

Lab File: VU023805.D

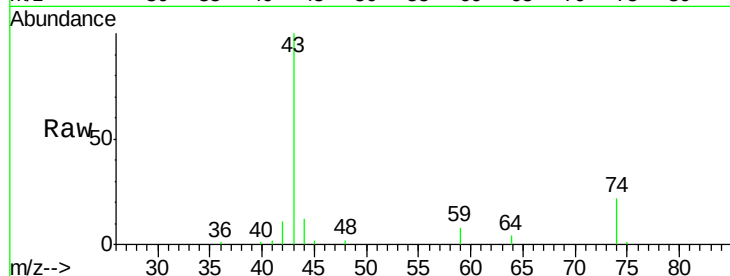
Acq: 11 May 2018 17:01

Tgt Ion: 43 Resp: 29774

Ion Ratio Lower Upper

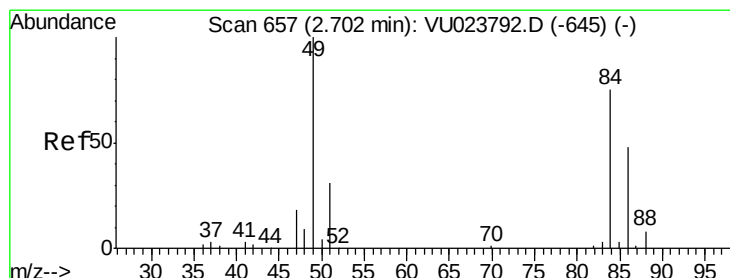
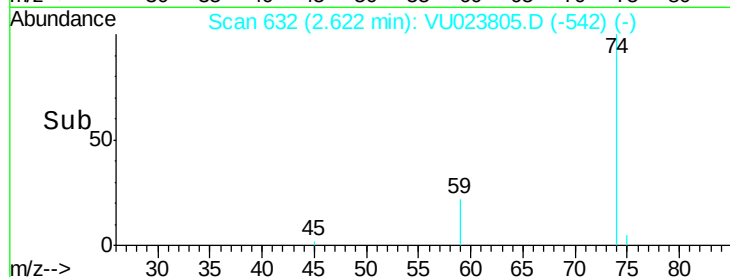
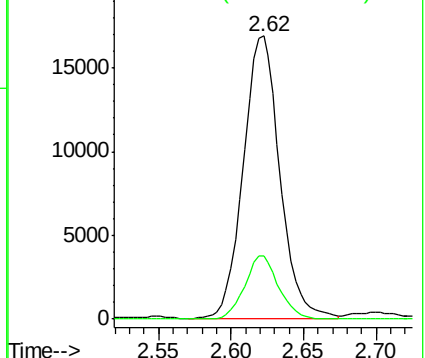
43 100

74 20.5 17.8 26.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 6.13 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

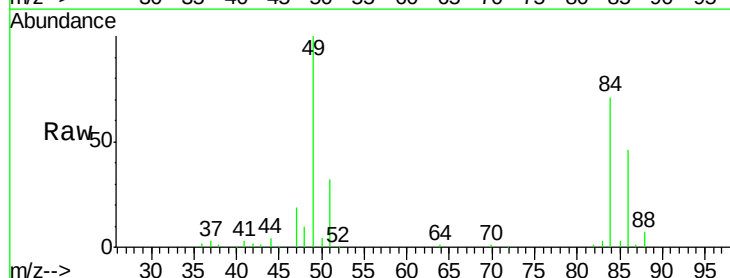
Tgt Ion: 84 Resp: 59616

Ion Ratio Lower Upper

84 100

86 63.8 44.6 82.8

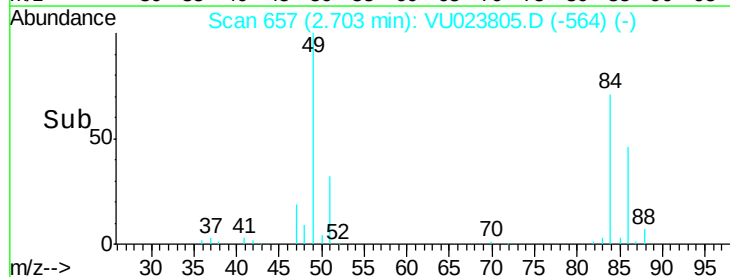
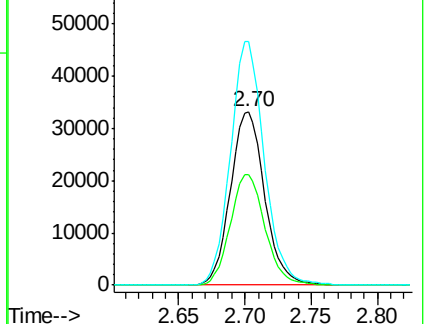
49 140.0 90.1 167.3

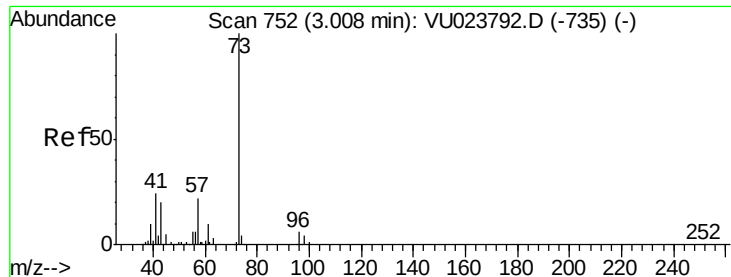


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

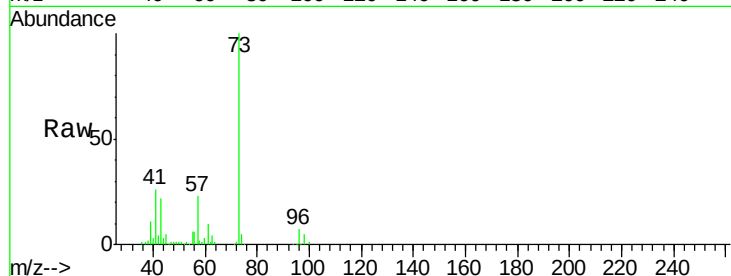
Ion 49.10 (48.80 to 49.80): VU0



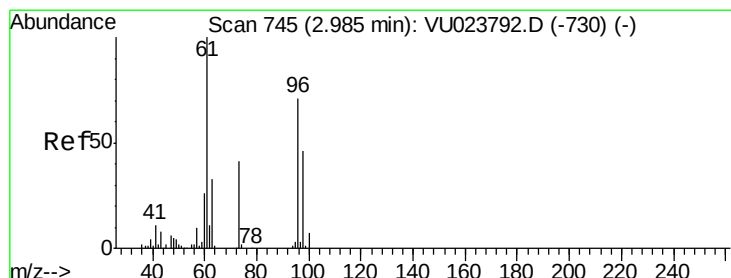
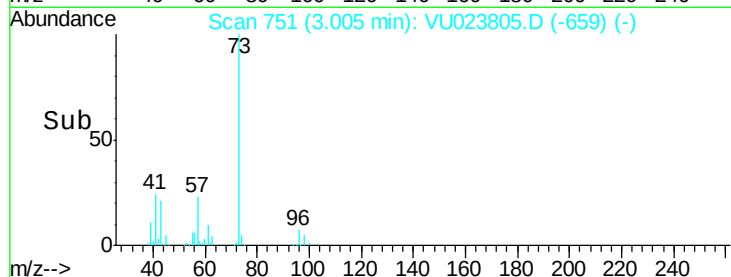
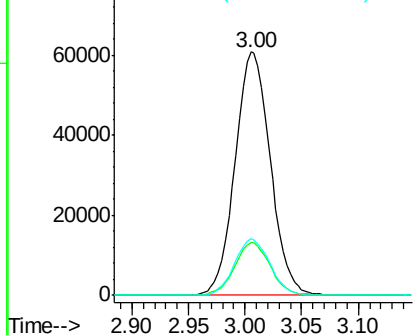


#17
Methyl tert-butyl Ether
Concen: 6.36 ug/L
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.6	24.8
57	23.3	18.1	27.1

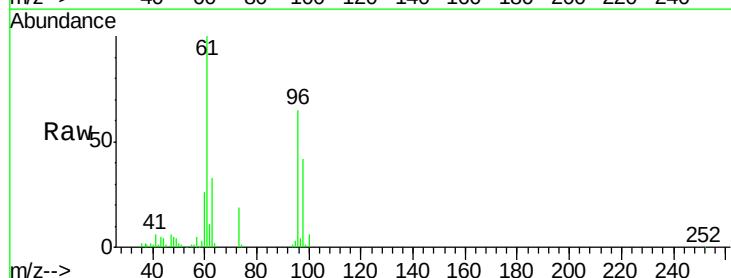


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

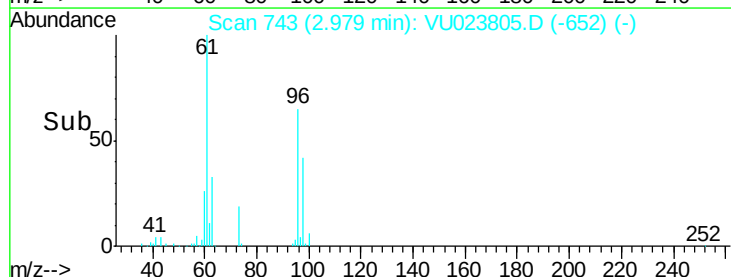
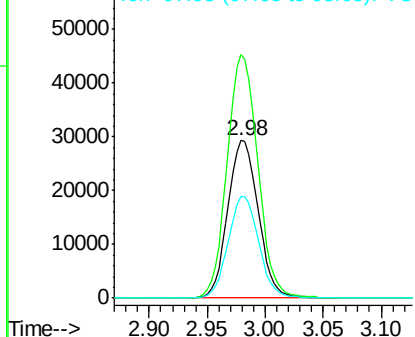


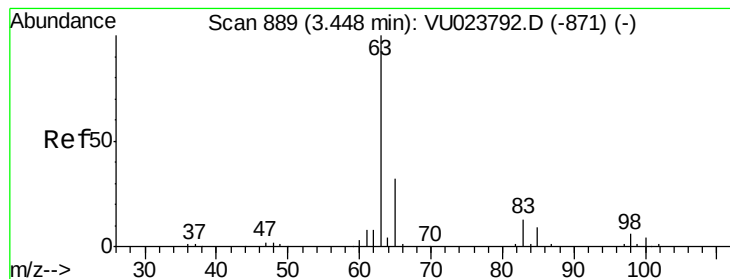
#18
trans-1,2-Dichloroethene
Concen: 5.85 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.01 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	104.6	194.2
98	64.7	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: 5.41 ug/L

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

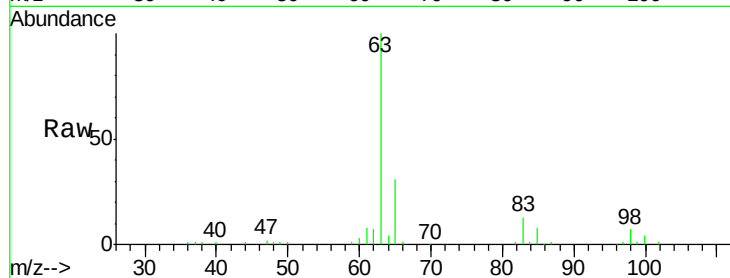
Tgt Ion: 63 Resp: 100678

Ion Ratio Lower Upper

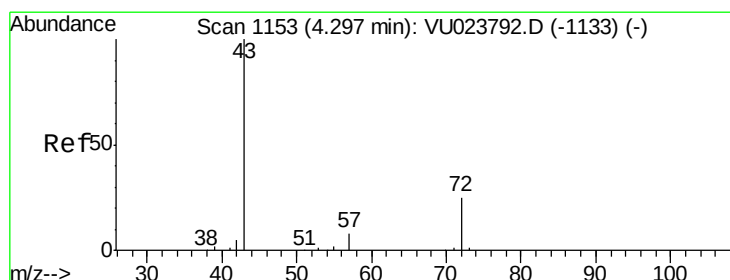
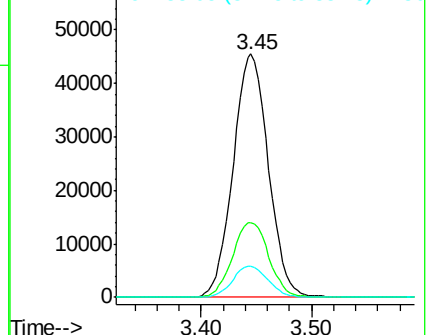
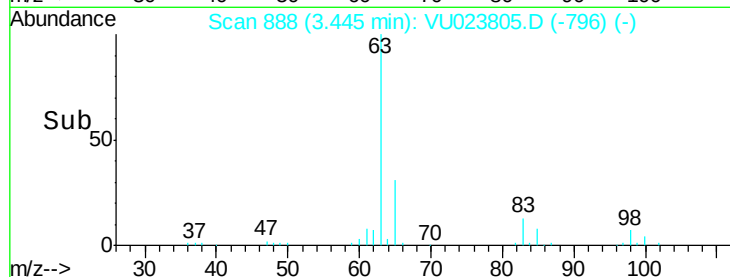
63 100

65 30.8 22.9 42.5

83 12.8 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU023805.D (-796) (-)



#21

2-Butanone

Concen: 55.44 ug/L

RT: 4.28 min Scan# 1148

Delta R.T. -0.02 min

Lab File: VU023805.D

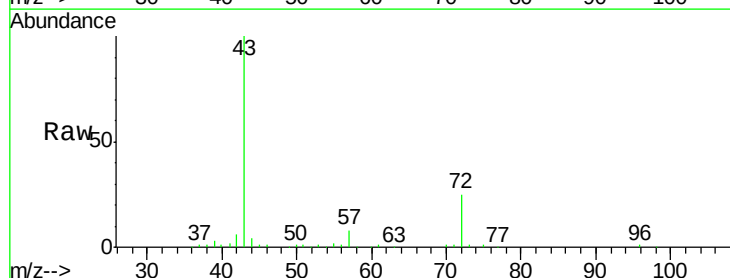
Acq: 11 May 2018 17:01

Tgt Ion: 43 Resp: 151872

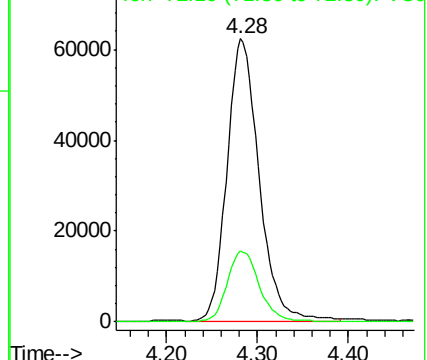
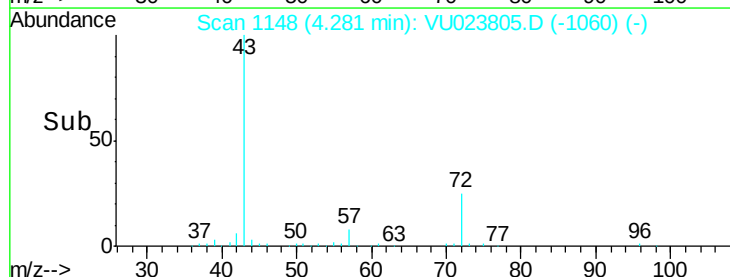
Ion Ratio Lower Upper

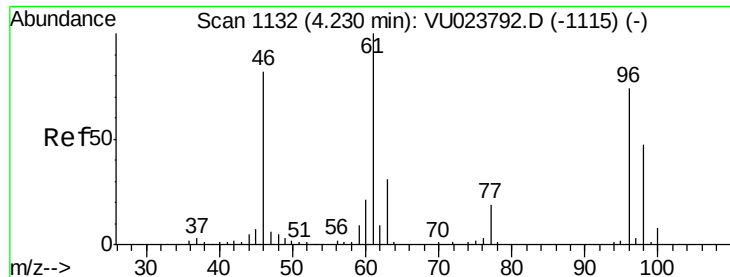
43 100

72 25.6 12.2 36.4



Abundance Ion 43.05 (42.75 to 43.75): VU023805.D (-1060) (-)





#22

cis-1,2-Dichloroethene

Concen: 5.24 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

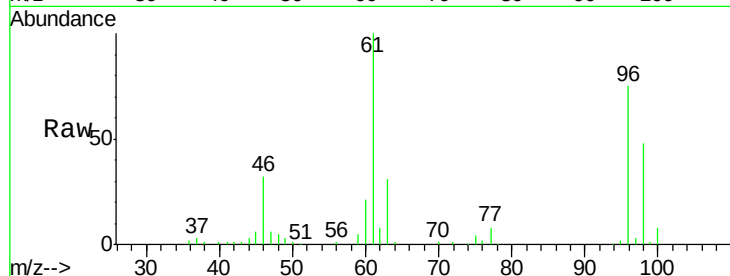
Tgt Ion: 96 Resp: 55276

Ion Ratio Lower Upper

96 100

61 132.6 91.2 169.4

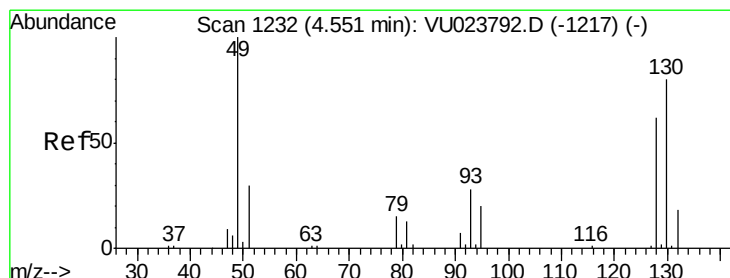
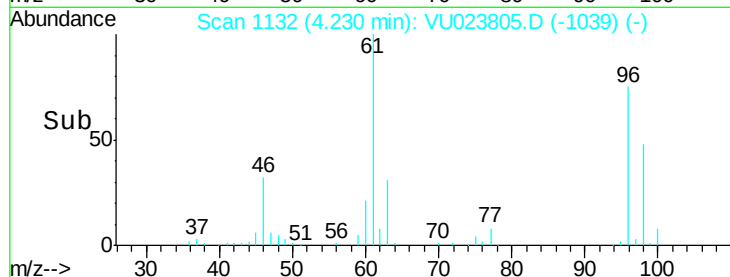
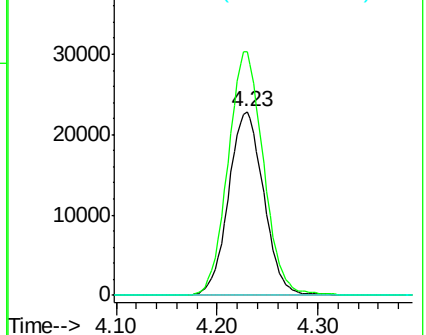
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#23

Bromochloromethane

Concen: 5.55 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

Tgt Ion: 128 Resp: 24909

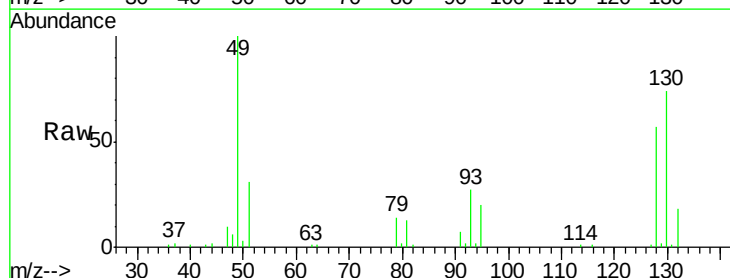
Ion Ratio Lower Upper

128 100

49 175.9 119.5 221.9

130 129.6 88.8 164.8

51 54.4 42.8 64.2

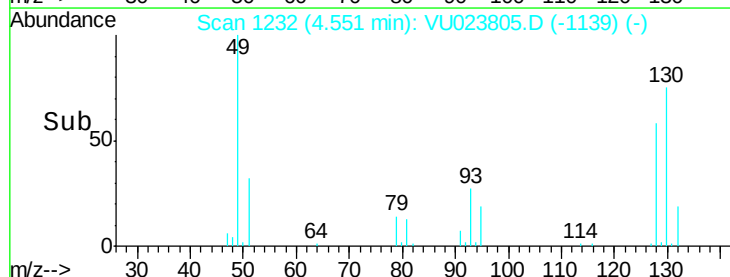
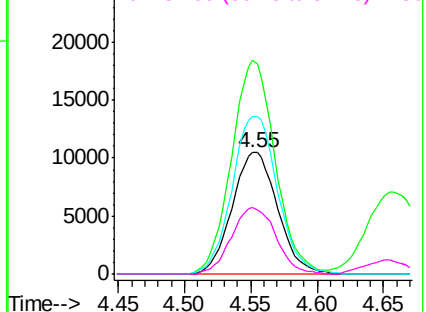


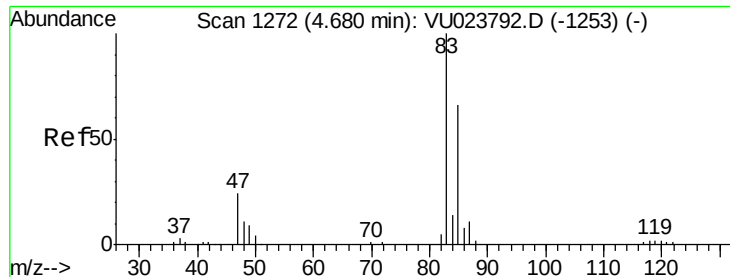
Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

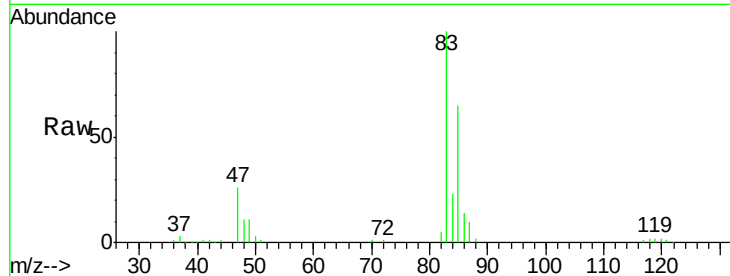
Ion 51.05 (50.75 to 51.75): VU0



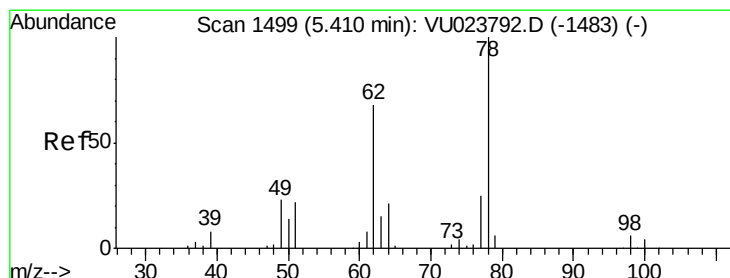
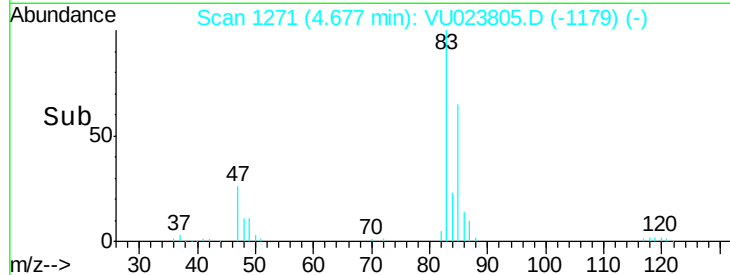
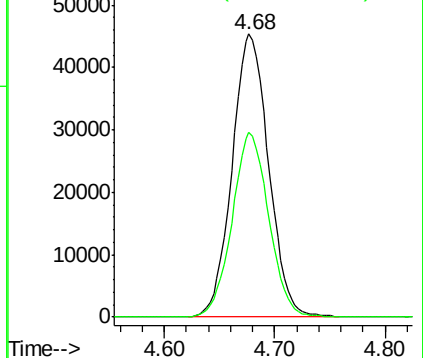


#25
Chloroform
Concen: 5.42 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion: 83 Resp: 104125
Ion Ratio Lower Upper
83 100
85 65.4 44.7 82.9

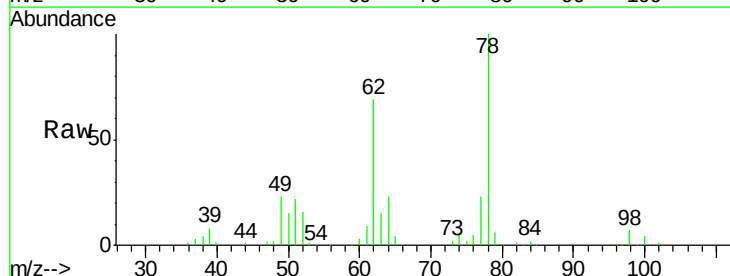


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

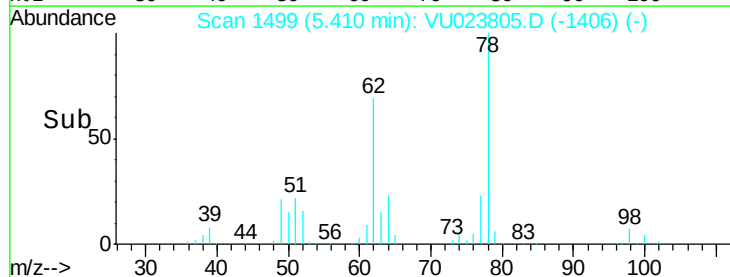
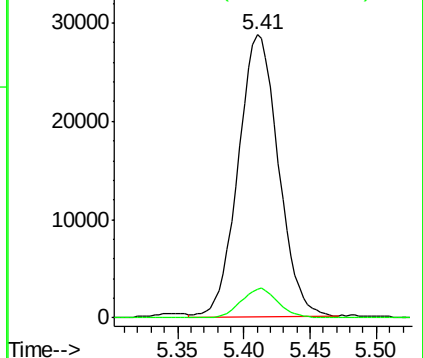


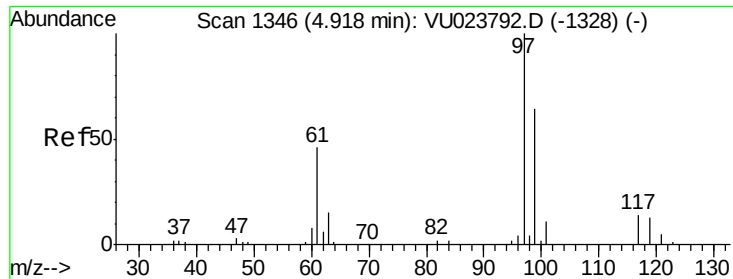
#27
1,2-Dichloroethane
Concen: 5.41 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion: 62 Resp: 60744
Ion Ratio Lower Upper
62 100
98 10.3 6.6 9.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#29

1,1,1-Trichloroethane

Concen: 4.97 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

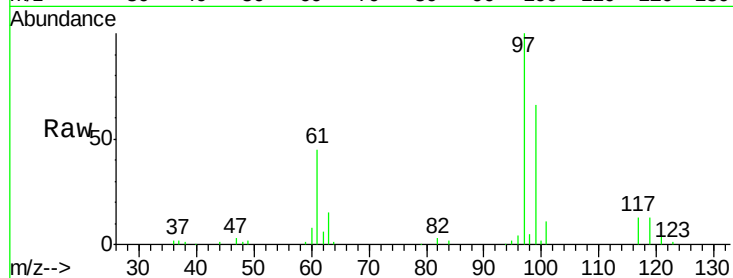
Tgt Ion: 97 Resp: 79363

Ion Ratio Lower Upper

97 100

99 63.8 52.1 78.1

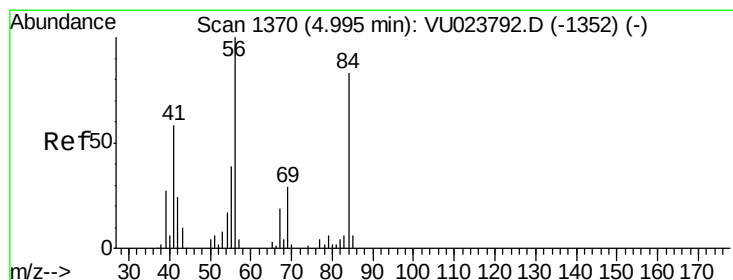
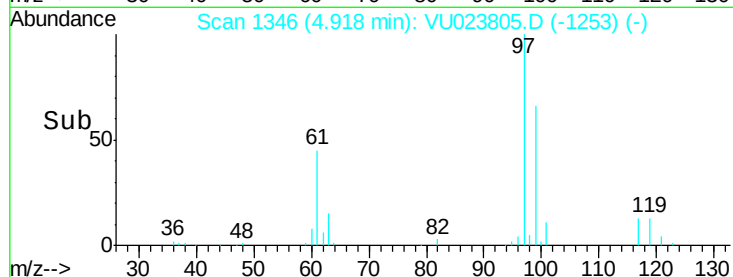
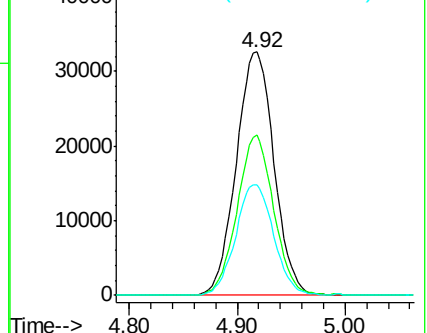
61 45.8 37.2 55.8



Abundance Ion 96.95 (96.65 to 97.65): VU023792.D (-1328) (-)

Ion 99.05 (98.75 to 99.75): VU023792.D (-1328) (-)

Ion 61.05 (60.75 to 61.75): VU023792.D (-1328) (-)



#30

Cyclohexane

Concen: 4.78 ug/L

RT: 5.00 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

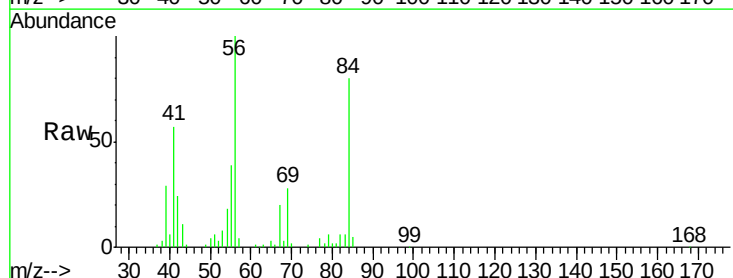
Tgt Ion: 56 Resp: 79784

Ion Ratio Lower Upper

56 100

69 28.8 23.8 35.6

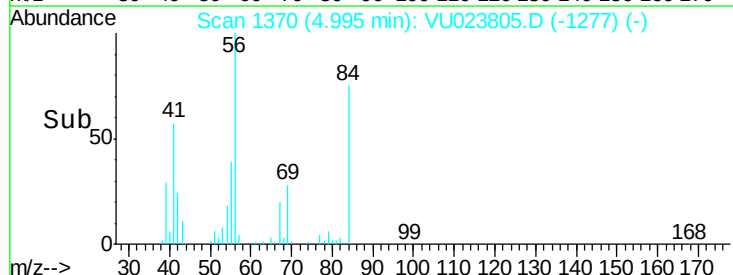
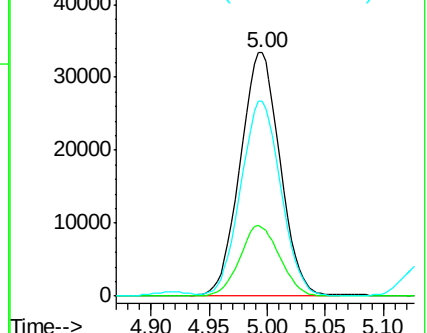
84 81.0 65.8 98.6

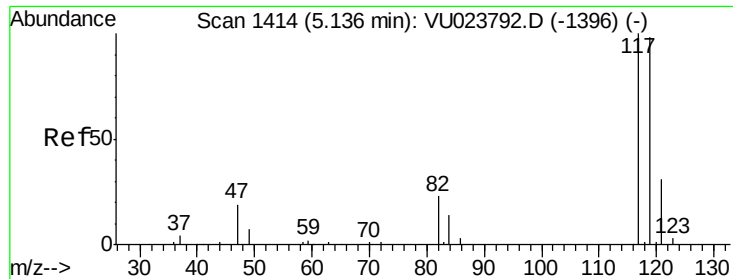


Abundance Ion 56.10 (55.80 to 56.80): VU023792.D (-1352) (-)

Ion 69.15 (68.85 to 69.85): VU023792.D (-1352) (-)

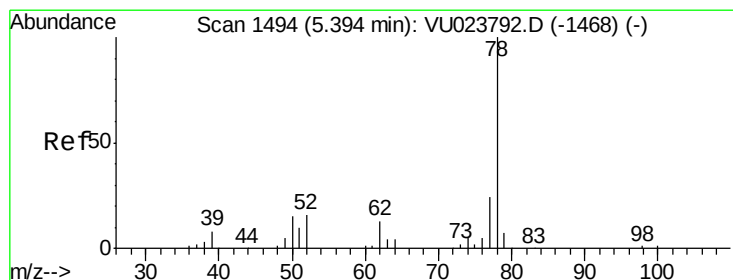
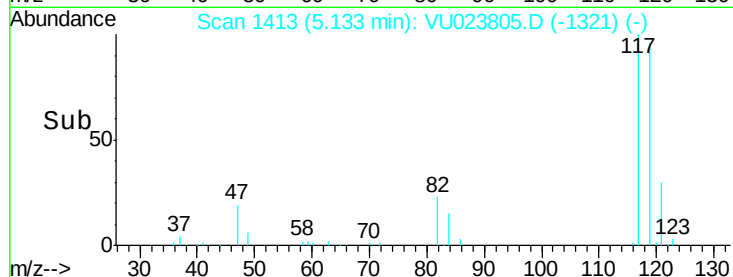
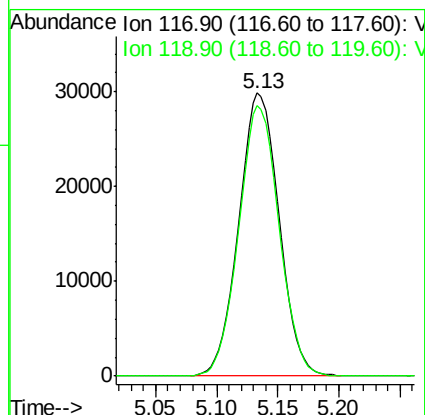
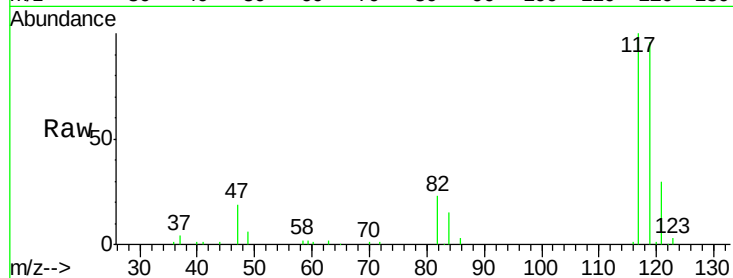
Ion 84.15 (83.85 to 84.85): VU023792.D (-1352) (-)





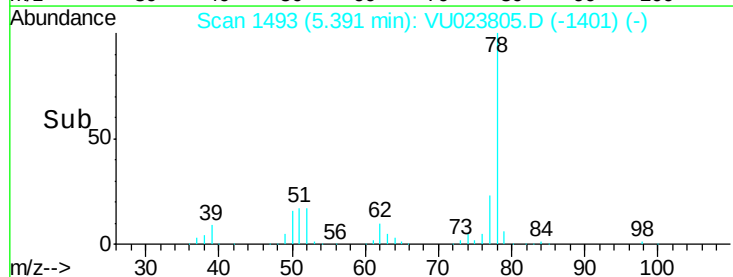
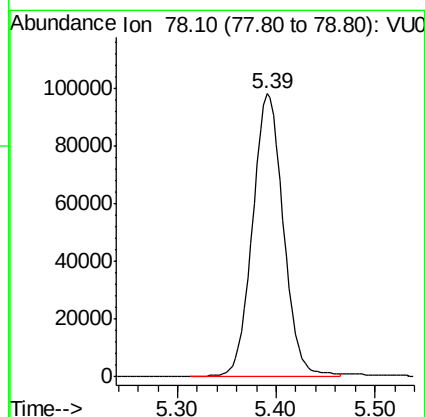
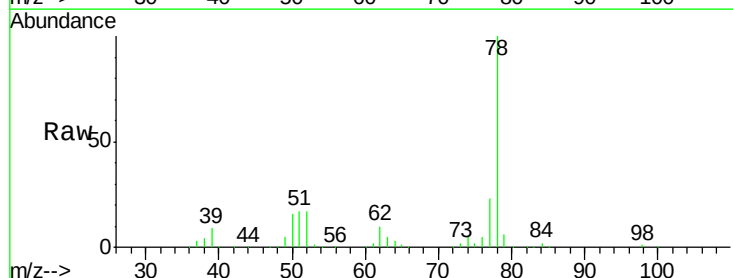
#31
Carbon tetrachloride
Concen: 5.02 ug/L
RT: 5.13 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

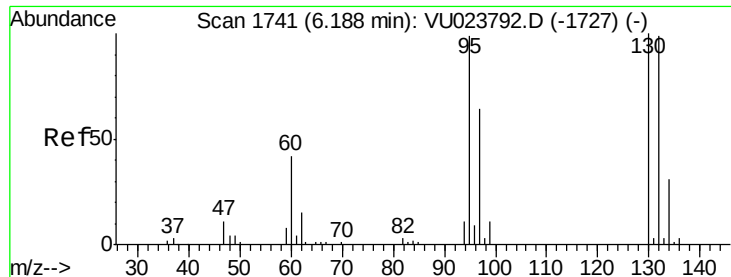
Tgt Ion: 117 Resp: 68211
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6



#33
Benzene
Concen: 5.00 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion: 78 Resp: 212025





#34

Trichloroethene

Concen: 4.97 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

Tgt Ion: 95 Resp: 54317

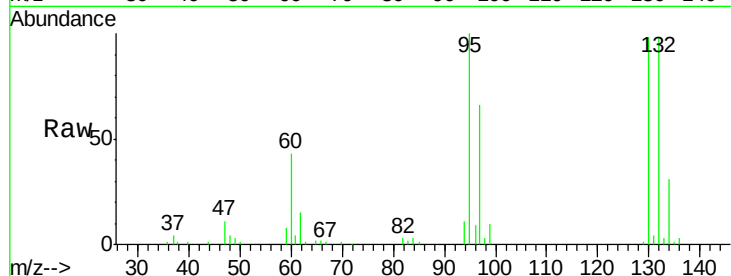
Ion Ratio Lower Upper

95 100

97 65.6 43.8 81.3

132 98.5 66.8 124.2

130 98.4 71.5 132.7

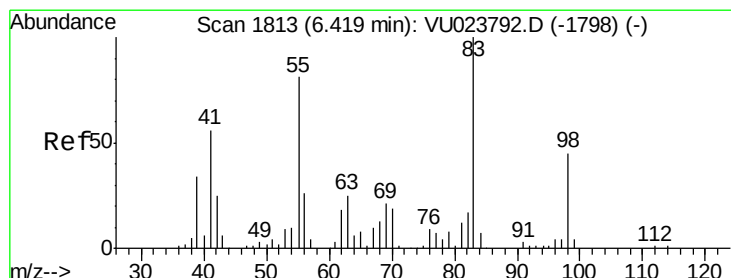
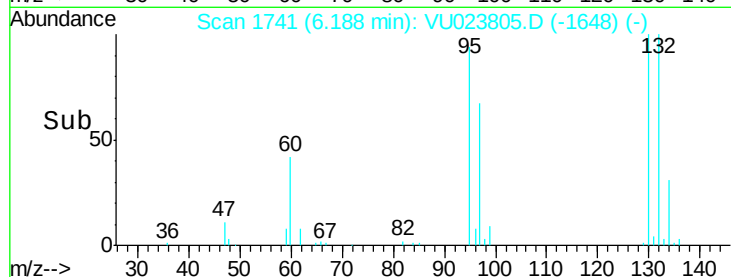
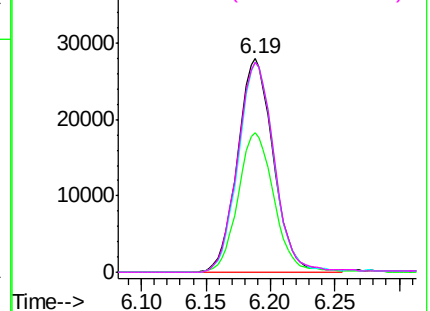


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.03 ug/L

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

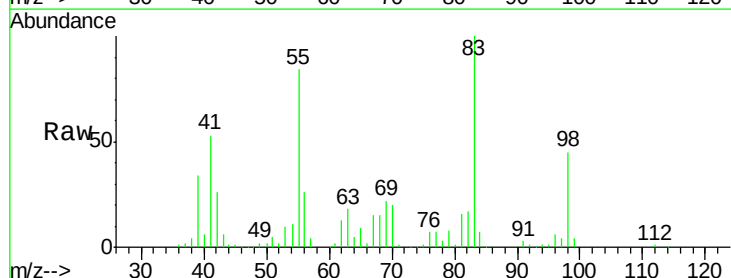
Tgt Ion: 83 Resp: 80625

Ion Ratio Lower Upper

83 100

55 84.2 69.1 103.7

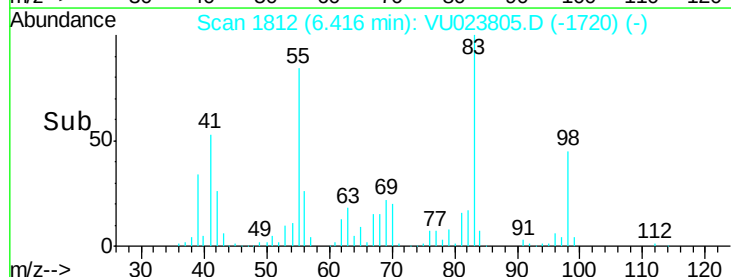
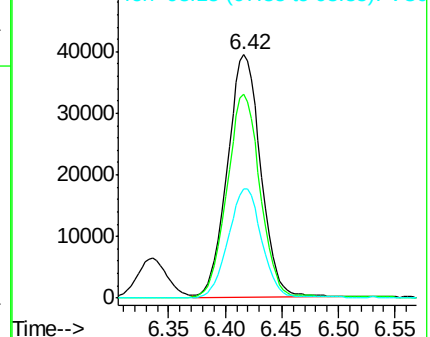
98 45.1 37.8 56.8

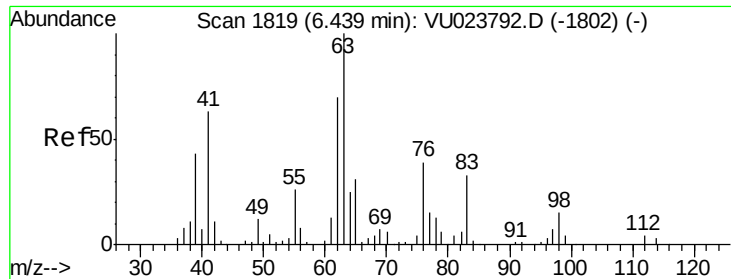


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

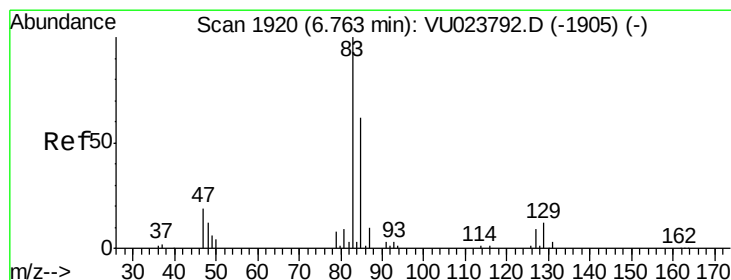
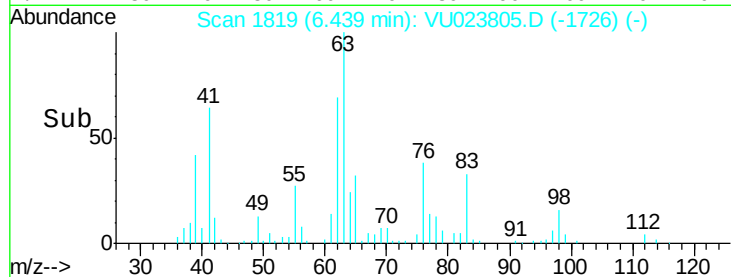
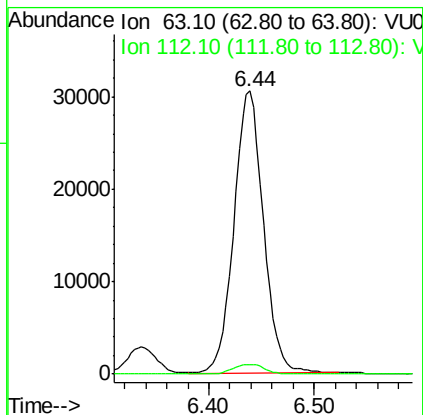
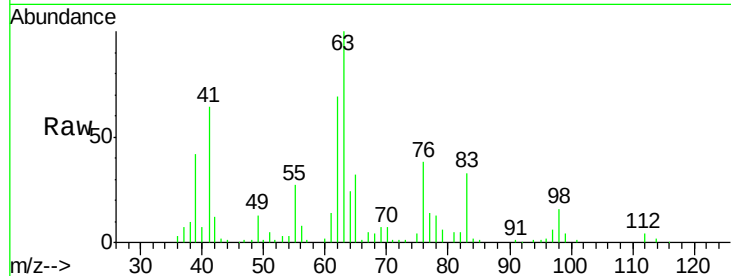
Ion 98.15 (97.85 to 98.85): VU0





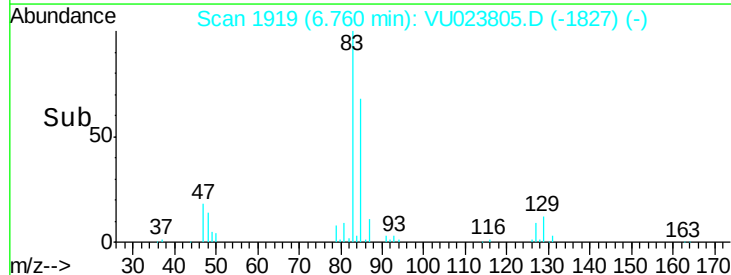
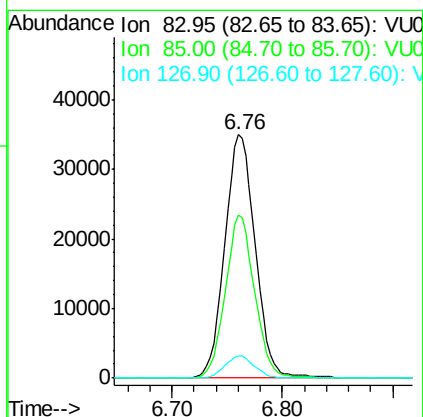
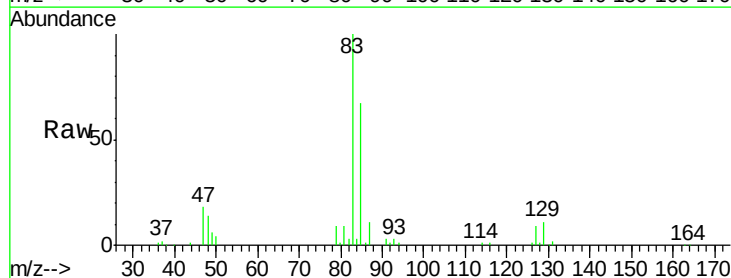
#37
 1,2-Dichloropropane
 Concen: 5.06 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

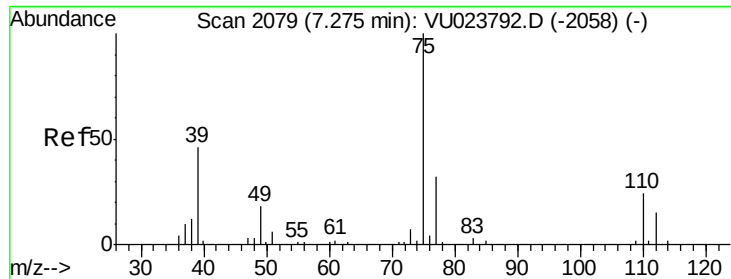
Tgt Ion: 63 Resp: 59322
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.0 4.4



#38
 Bromodichloromethane
 Concen: 5.13 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

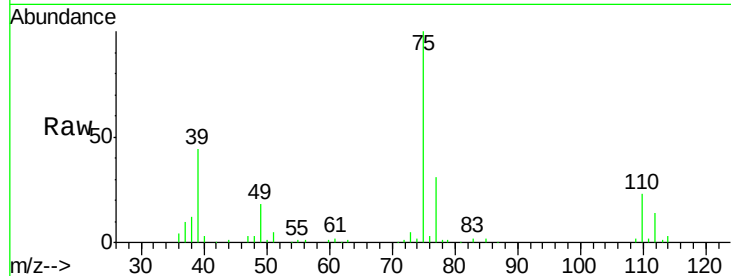
Tgt Ion: 83 Resp: 66942
 Ion Ratio Lower Upper
 83 100
 85 67.0 45.8 85.2
 127 9.1 7.0 10.4



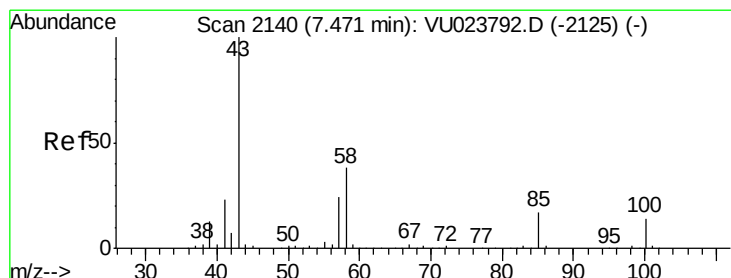
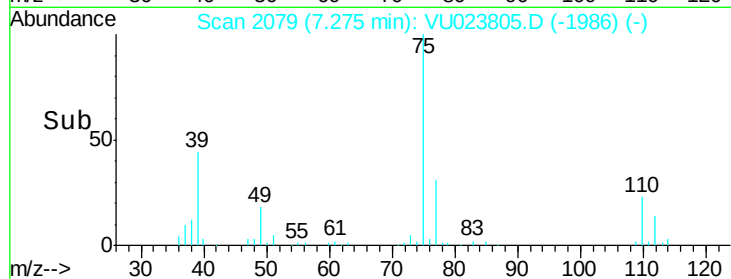
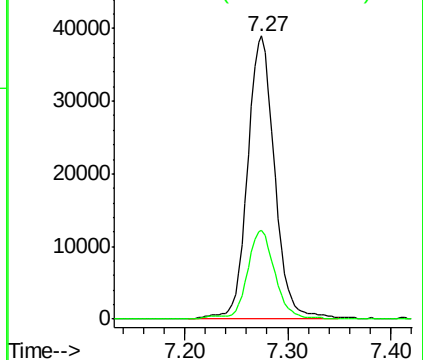


#39
 cis-1,3-Dichloropropene
 Concen: 5.05 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion: 75 Resp: 71157
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.8 40.6

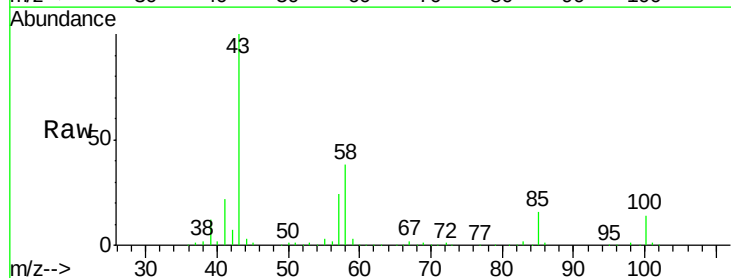


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

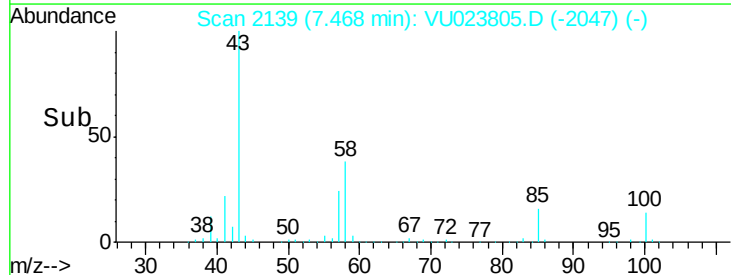
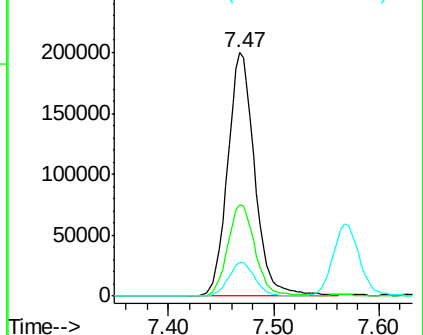


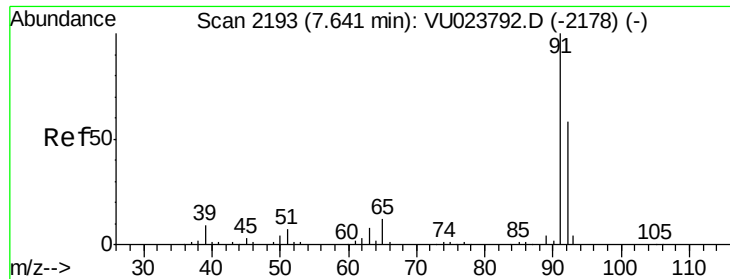
#40
 4-Methyl-2-pentanone
 Concen: 56.51 ug/L
 RT: 7.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion: 43 Resp: 354689
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.4 45.6
 100 13.7 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 5.25 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023805.D

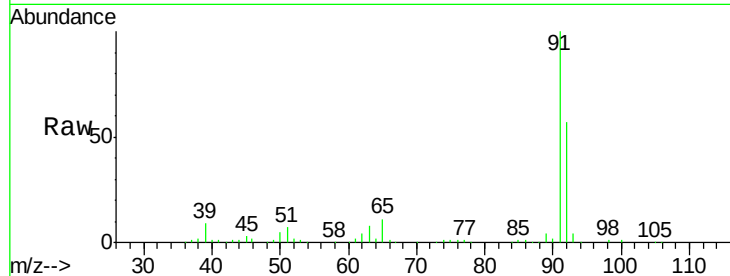
Acq: 11 May 2018 17:01

Tgt Ion: 91 Resp: 225652

Ion Ratio Lower Upper

91 100

92 57.3 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

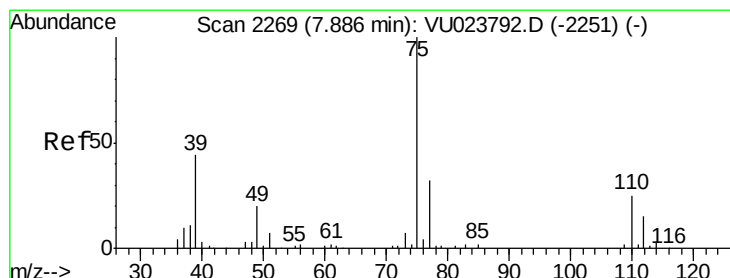
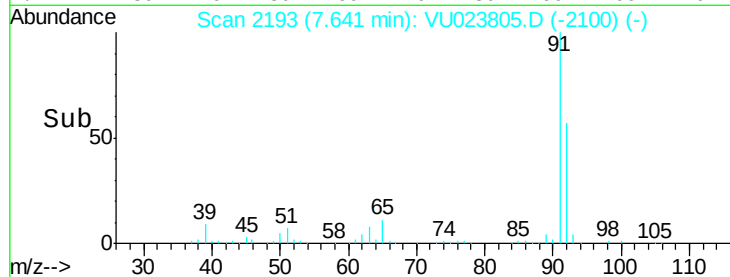
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.32 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023805.D

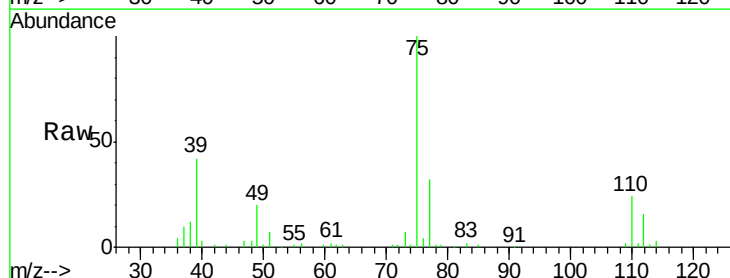
Acq: 11 May 2018 17:01

Tgt Ion: 75 Resp: 59150

Ion Ratio Lower Upper

75 100

77 32.2 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

40000

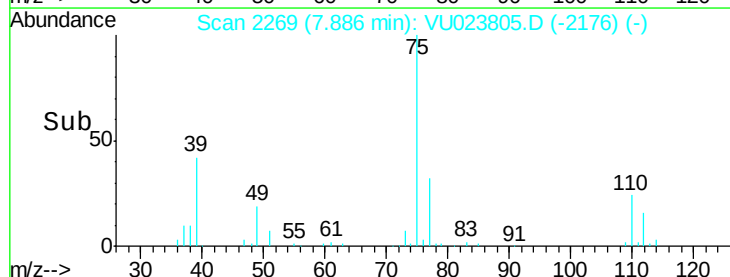
30000

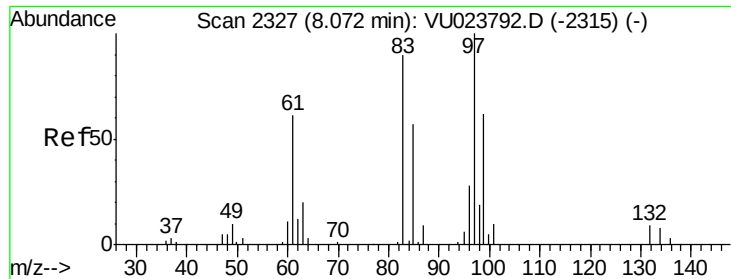
20000

10000

0

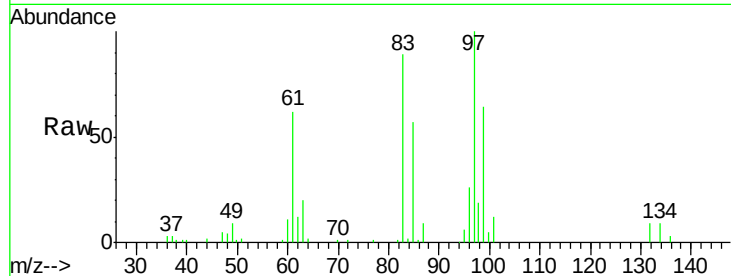
Time-->





#45
 1,1,2-Trichloroethane
 Concen: 5.33 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion:	97	Resp:	39531
Ion	Ratio	Lower	Upper
97	100		
99	63.7	45.5	84.5
83	89.0	63.1	117.1
85	57.1	40.2	74.6

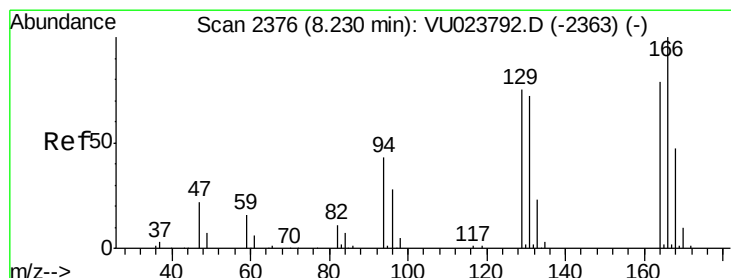
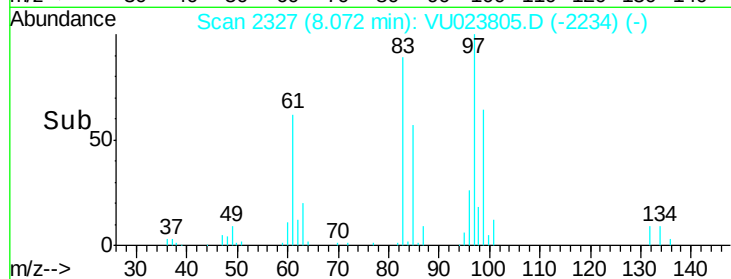
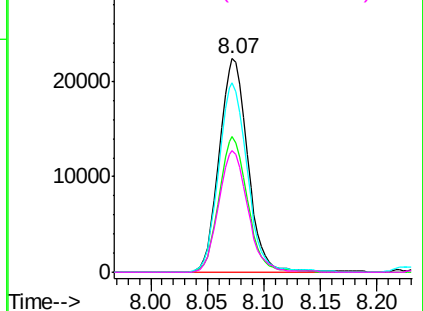


Abundance Ion 96.95 (96.65 to 97.65): VU023805.D (-2234) (-)

Ion 99.05 (98.75 to 99.75): VU023805.D (-2234) (-)

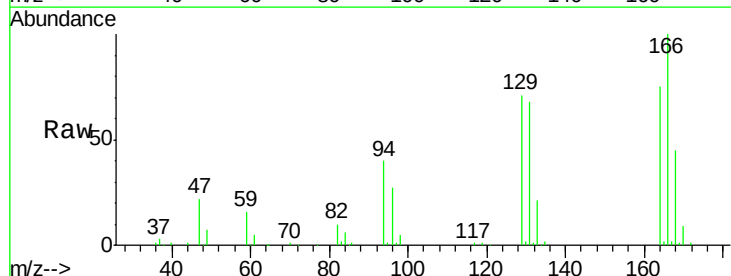
Ion 82.95 (82.65 to 83.65): VU023805.D (-2234) (-)

Ion 85.00 (84.70 to 85.70): VU023805.D (-2234) (-)



#47
 Tetrachloroethene
 Concen: 5.09 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion:	164	Resp:	45492
Ion	Ratio	Lower	Upper
164	100		
129	94.1	66.4	123.2
131	89.8	61.9	115.1
166	132.7	90.5	168.1

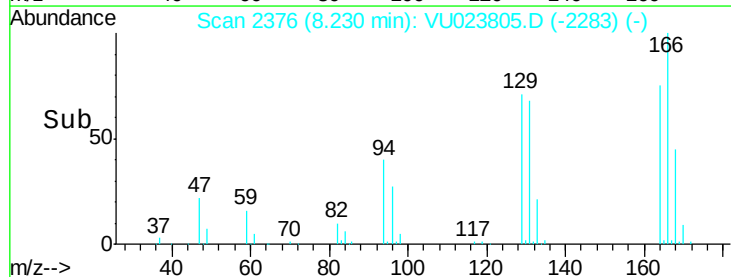
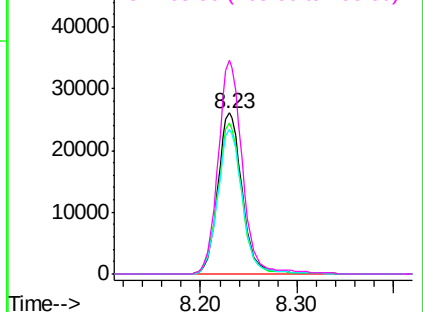


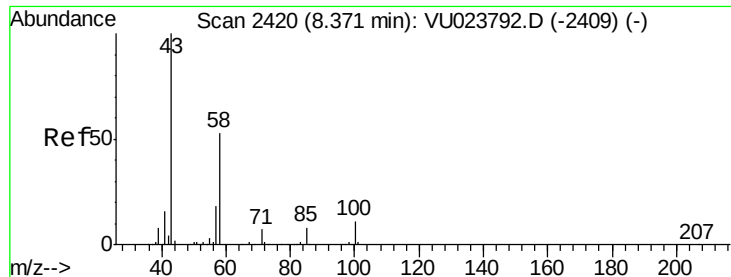
Abundance Ion 163.90 (163.60 to 164.60): VU023805.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023805.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023805.D (-2283) (-)

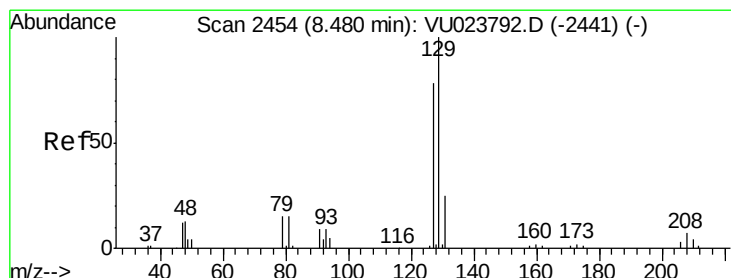
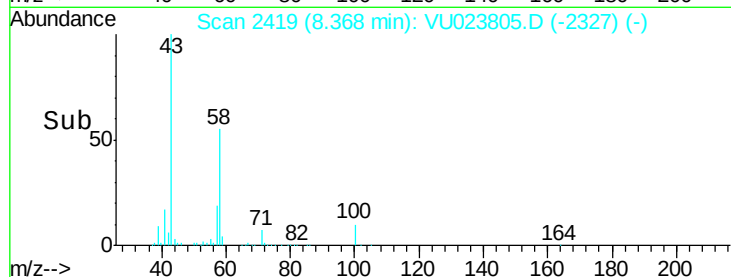
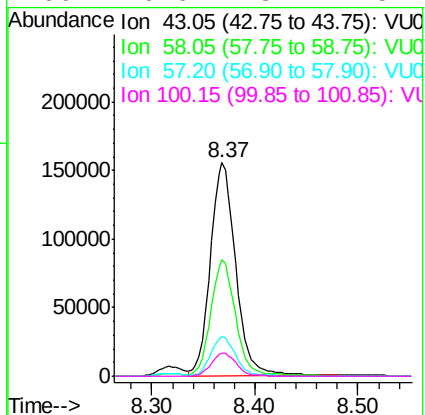
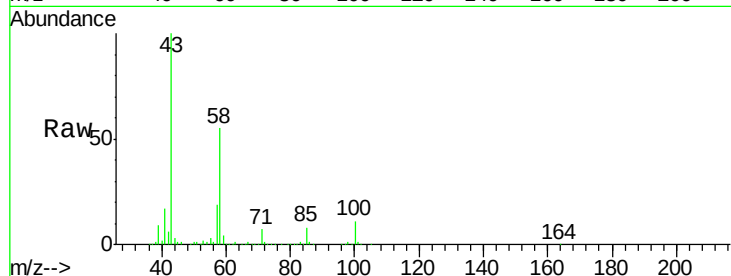
Ion 165.90 (165.60 to 166.60): VU023805.D (-2283) (-)





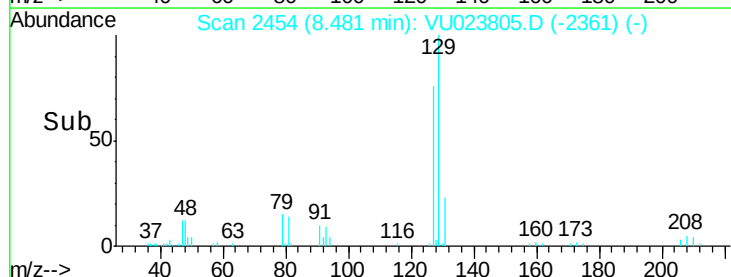
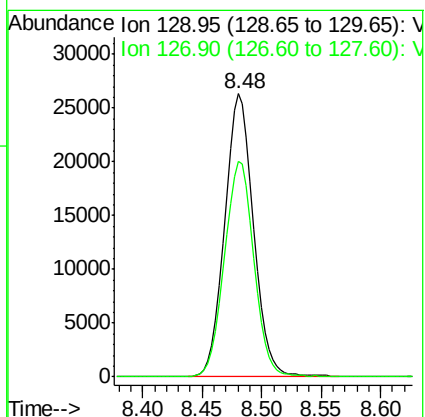
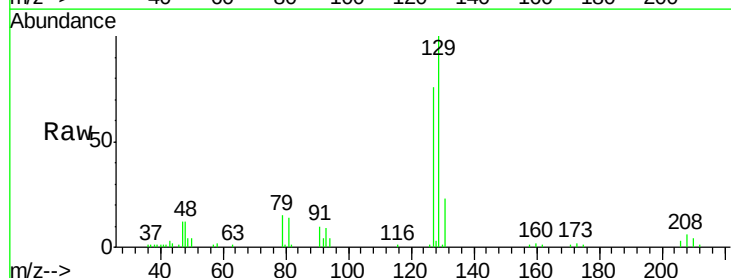
#48
2-Hexanone
Concen: 57.81 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

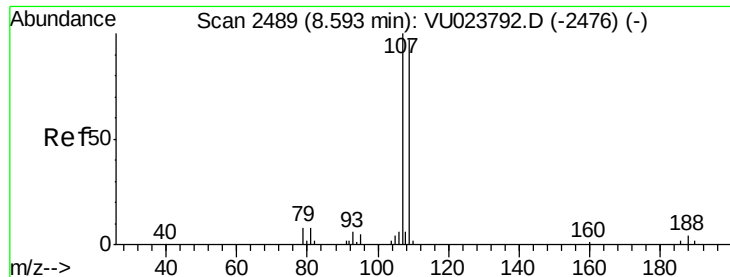
Tgt Ion:	43	Resp:	263321
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.3	63.5
57	18.2	14.7	22.1
100	10.6	8.7	13.1



#49
Dibromochloromethane
Concen: 5.18 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

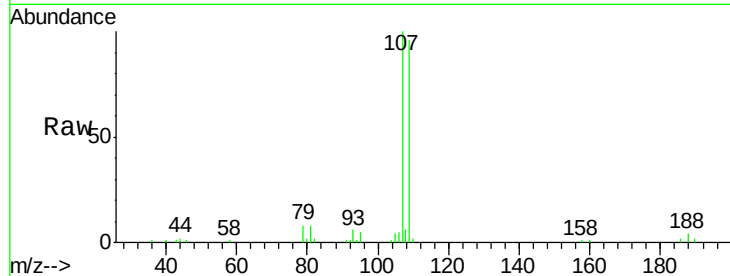
Tgt Ion:	129	Resp:	44250
Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.3	100.8



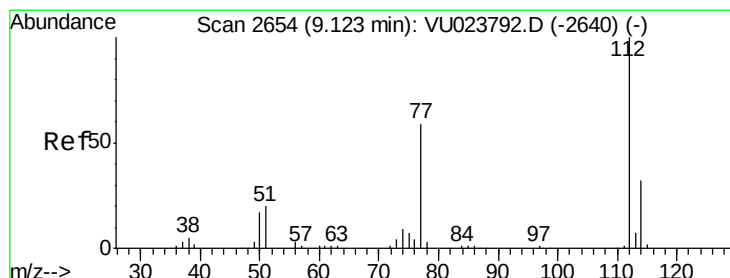
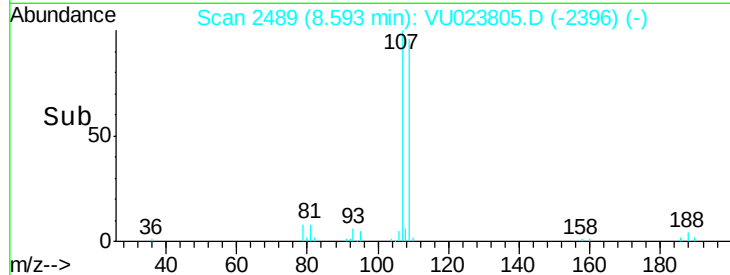
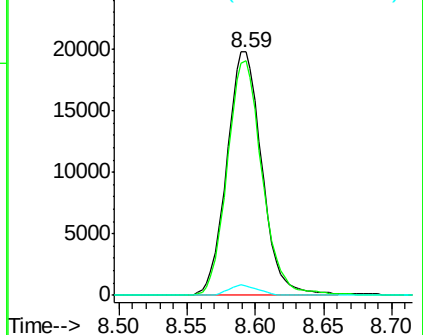


#50
1,2-Dibromoethane
Concen: 5.31 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion:107 Resp: 35366
Ion Ratio Lower Upper
107 100
109 96.2 68.5 127.3
188 3.8 3.5 5.3

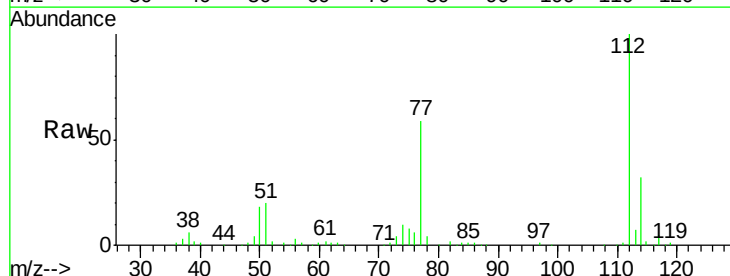


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

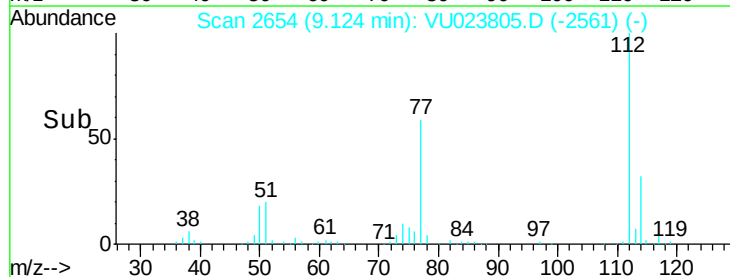
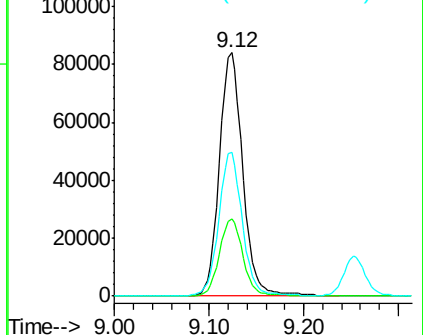


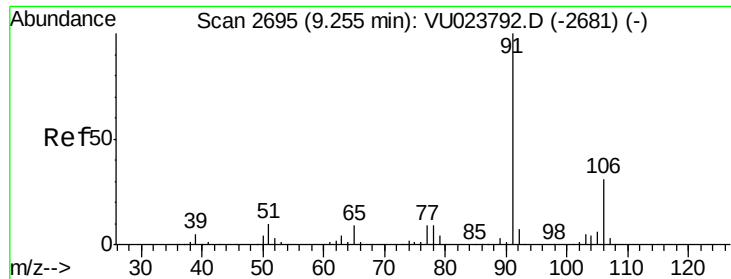
#51
Chlorobenzene
Concen: 5.16 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion:112 Resp: 144687
Ion Ratio Lower Upper
112 100
114 31.5 22.6 42.0
77 58.8 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: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023805.D

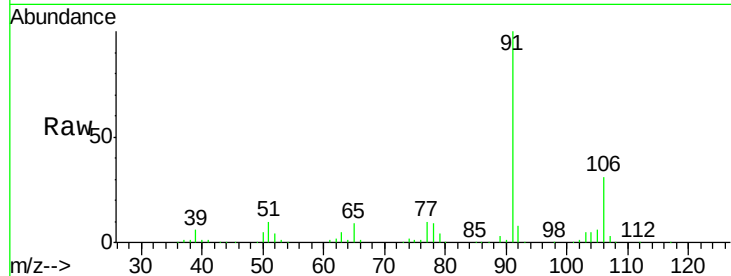
Acq: 11 May 2018 17:01

Tgt Ion: 91 Resp: 227546

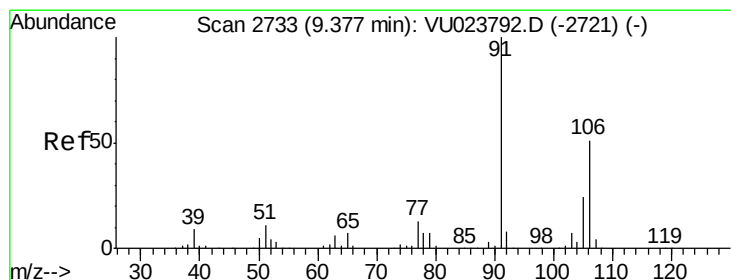
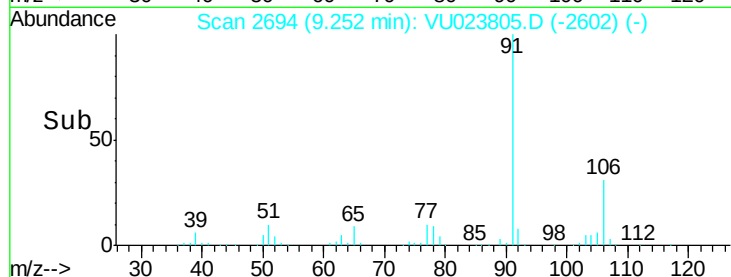
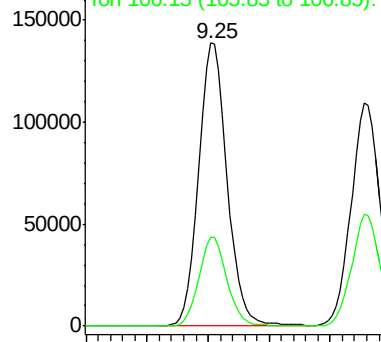
Ion Ratio Lower Upper

91 100

106 31.4 22.1 41.1



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



#53

m,p-xylene

Concen: 5.32 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023805.D

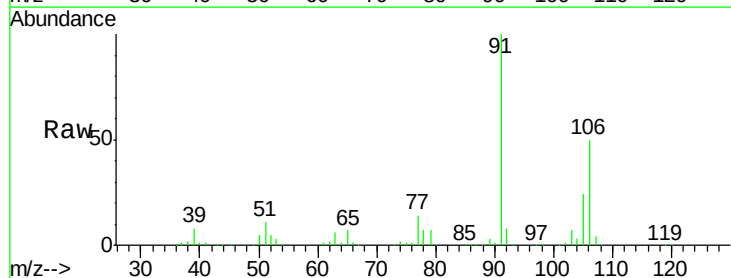
Acq: 11 May 2018 17:01

Tgt Ion: 106 Resp: 89322

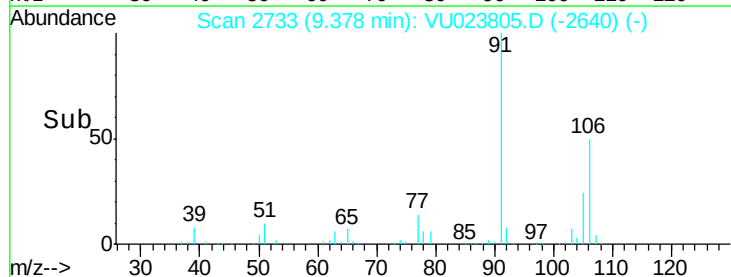
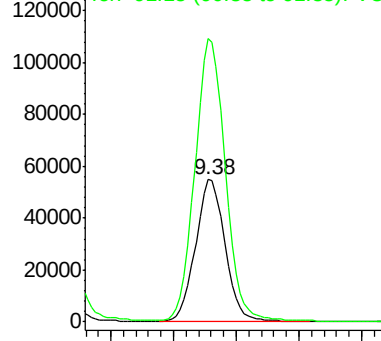
Ion Ratio Lower Upper

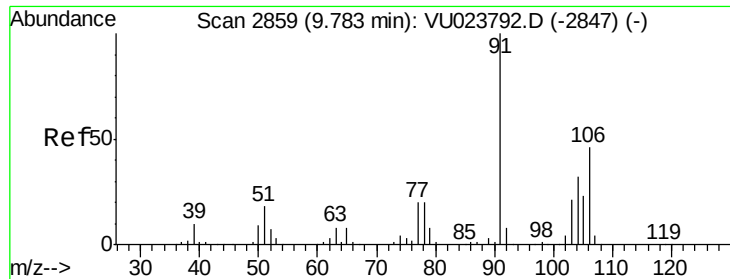
106 100

91 199.3 141.5 262.7



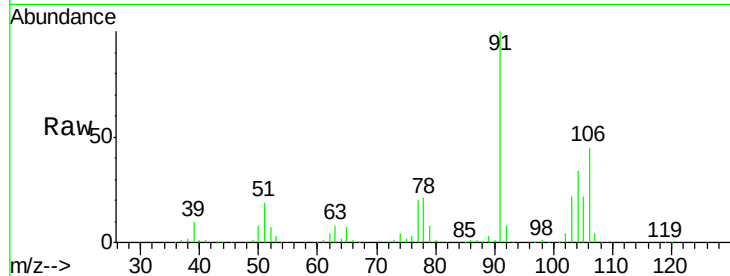
Abundance Ion 106.15 (105.85 to 106.85): VU023792.D (-2721) (-)



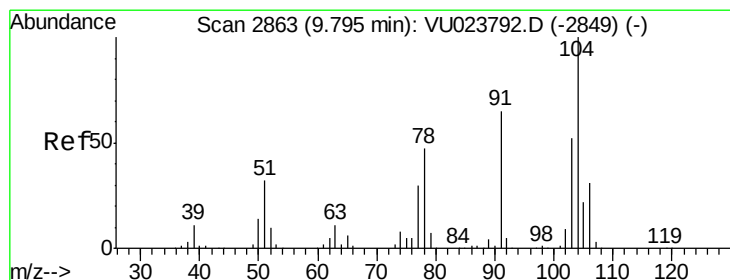
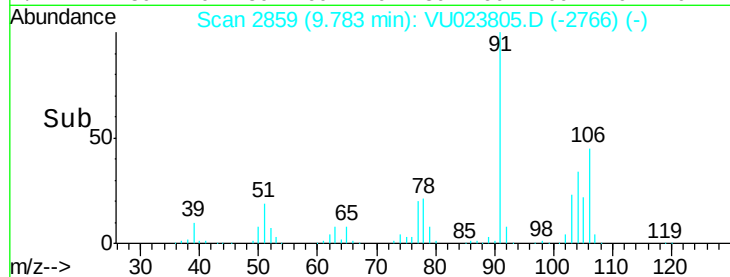
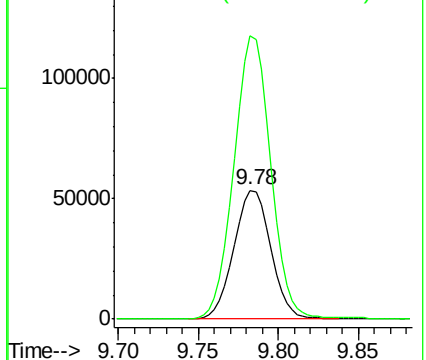


#54
o-xylene
Concen: 5.20 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion:106 Resp: 84341
Ion Ratio Lower Upper
106 100
91 220.1 148.7 276.3

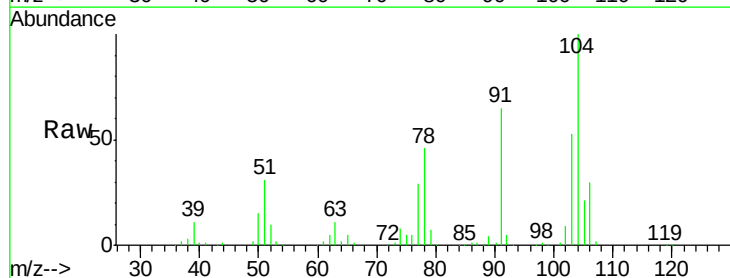


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

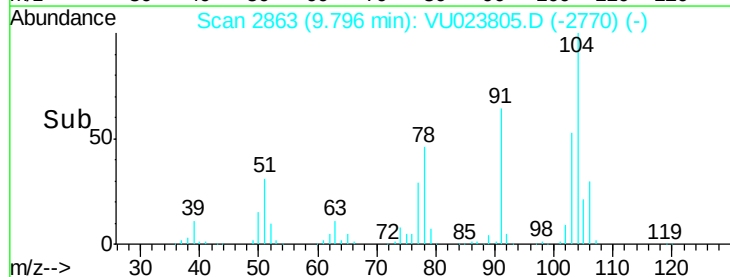
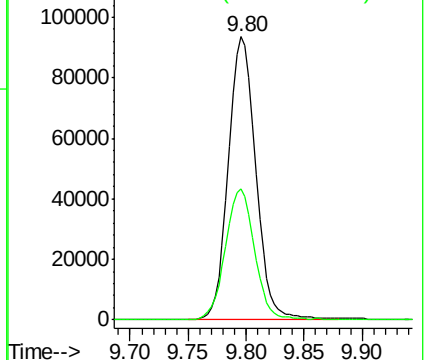


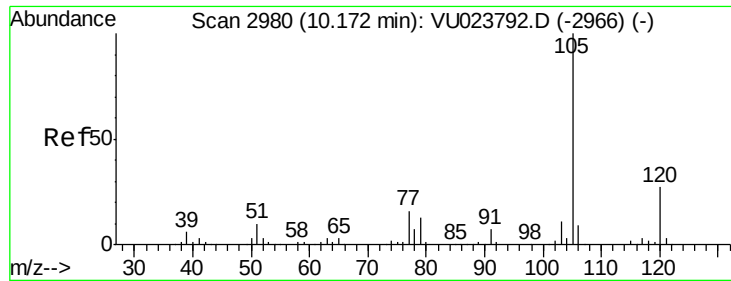
#55
Styrene
Concen: 5.60 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion:104 Resp: 153200
Ion Ratio Lower Upper
104 100
78 46.2 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: 5.41 ug/L

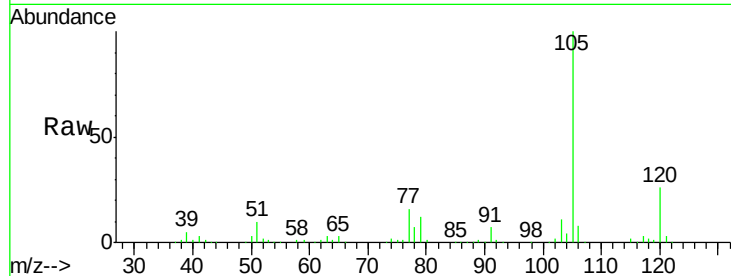
RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

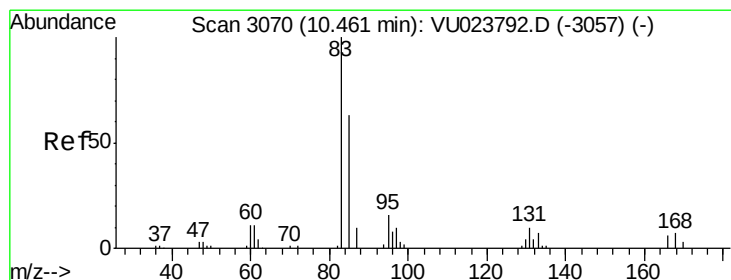
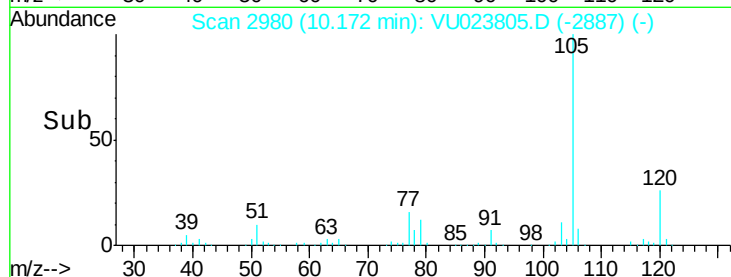
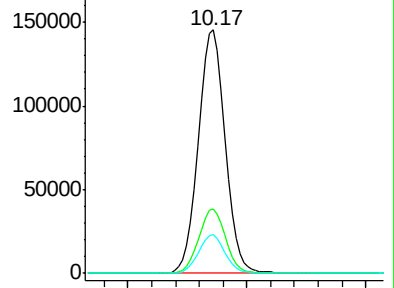
Tgt Ion:	105	Resp:	227607
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.6
77	15.7	12.6	19.0



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: 5.40 ug/L

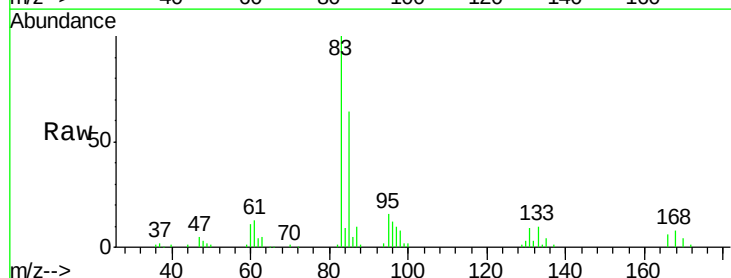
RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

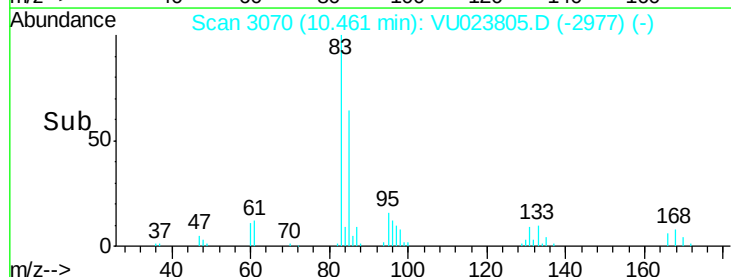
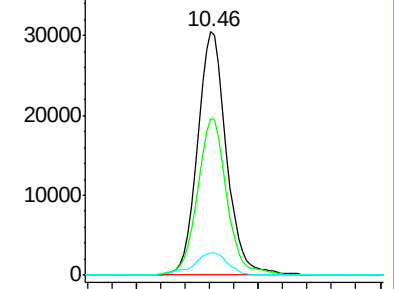
Tgt Ion:	83	Resp:	50495
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.8	85.2
131	9.3	7.5	11.3

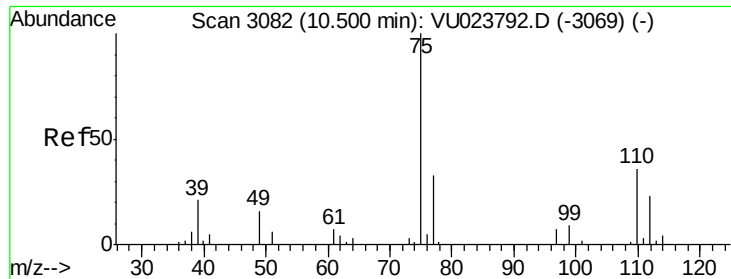


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

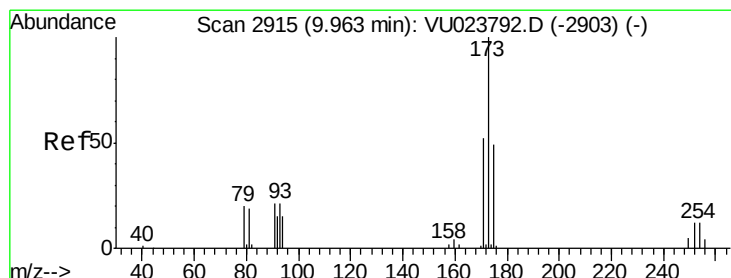
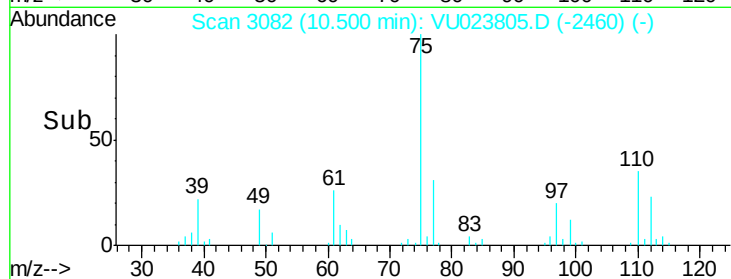
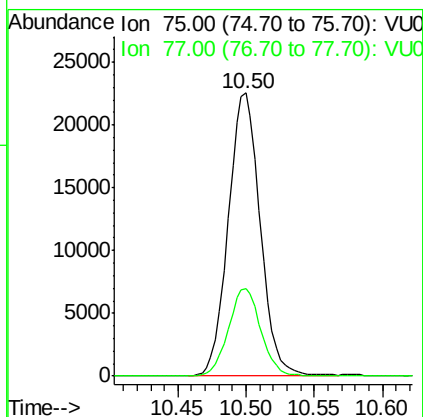
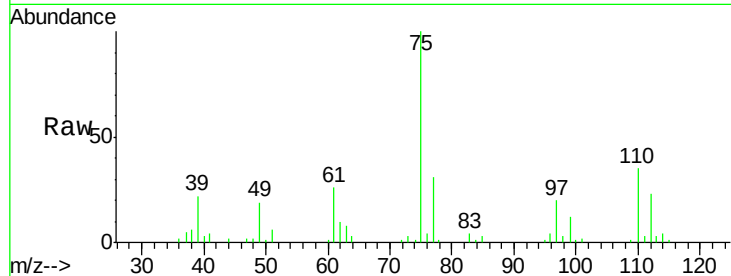
Ion 130.95 (130.65 to 131.65): V





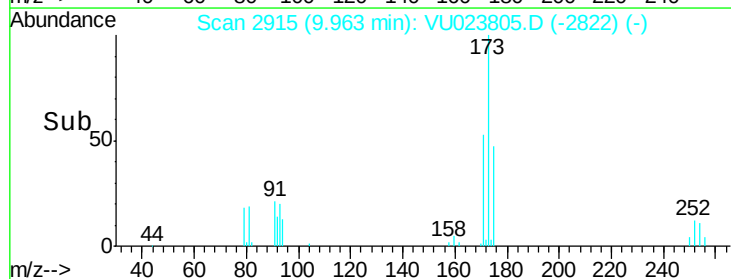
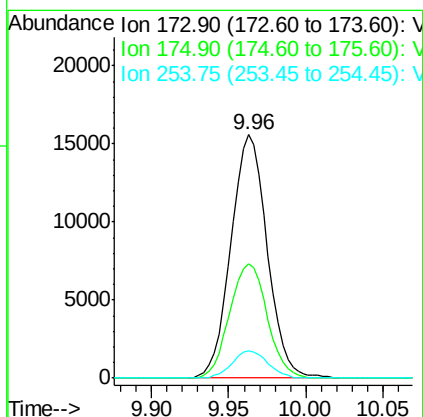
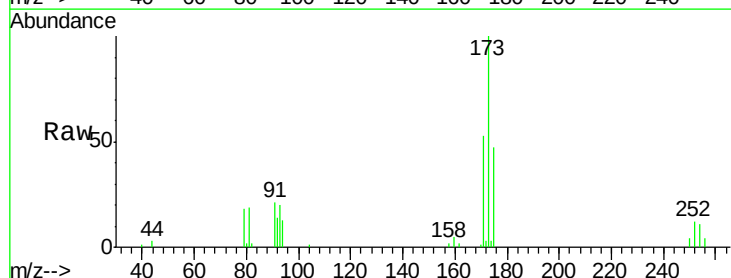
#59
 1,2,3-Trichloropropane
 Concen: 5.65 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

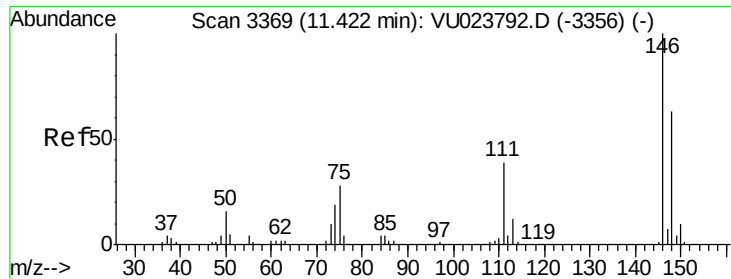
Tgt Ion: 75 Resp: 36626
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1



#61
 Bromoform
 Concen: 5.00 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion: 173 Resp: 25300
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.9 59.9
 254 10.9 8.4 12.6





#62

1,3-Dichlorobenzene

Concen: 5.12 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

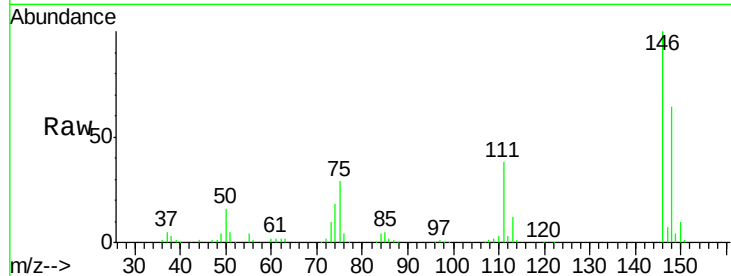
Tgt Ion:146 Resp: 111877

Ion Ratio Lower Upper

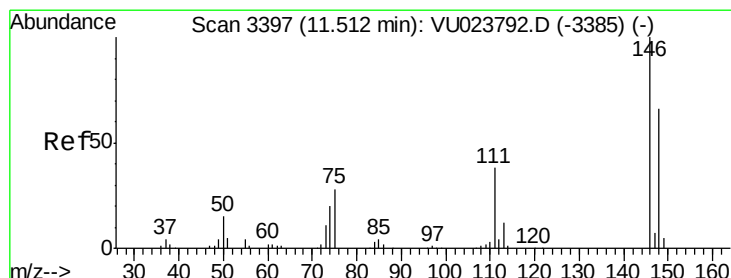
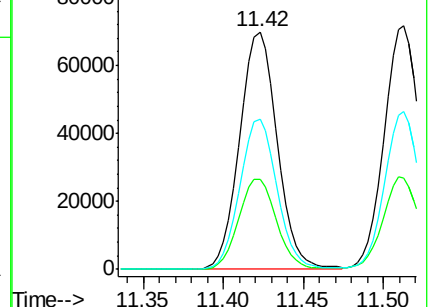
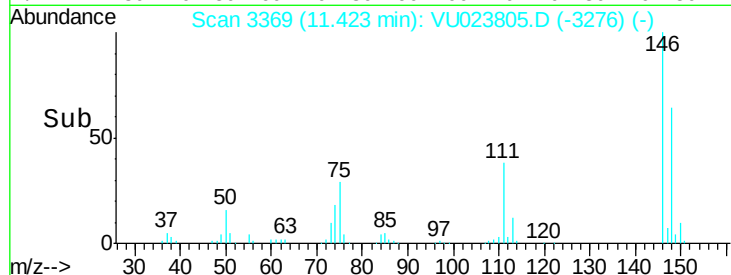
146 100

111 38.0 27.8 51.6

148 63.5 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: 5.19 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023805.D

Acq: 11 May 2018 17:01

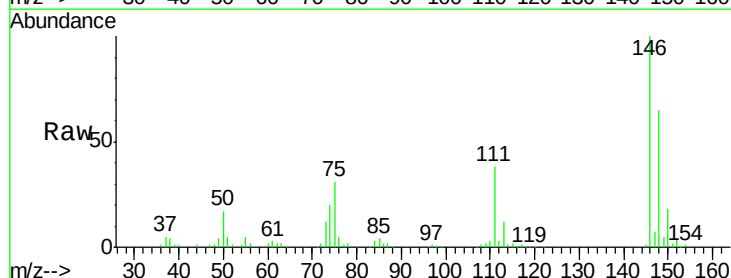
Tgt Ion:146 Resp: 116364

Ion Ratio Lower Upper

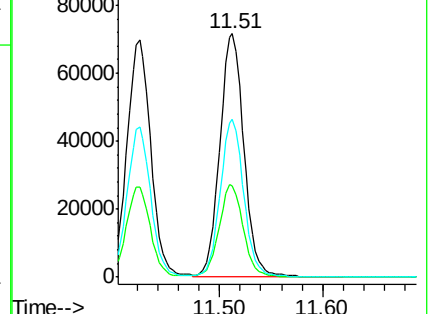
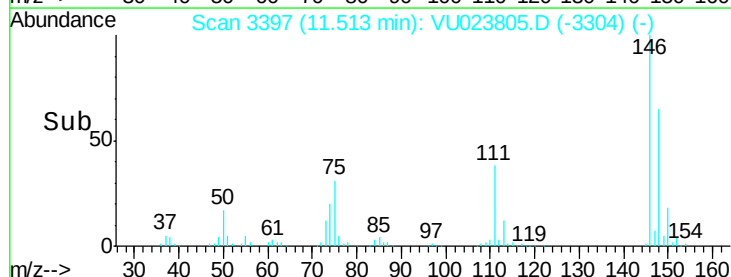
146 100

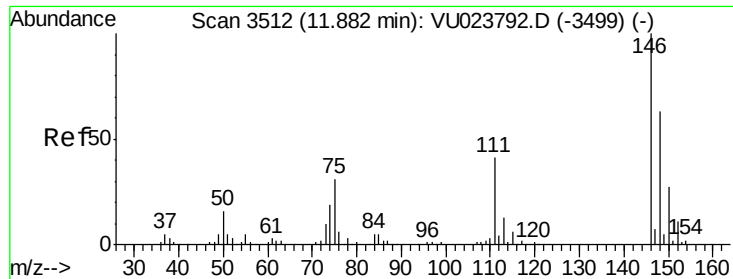
111 37.6 26.7 49.5

148 65.0 45.4 84.4



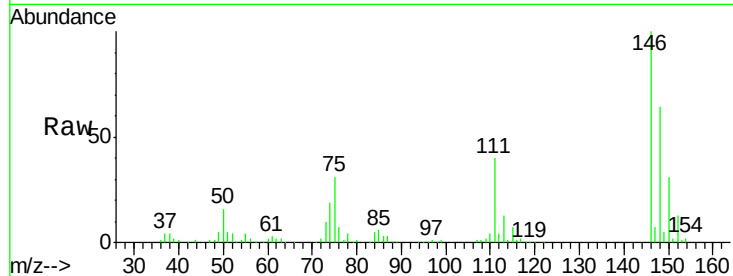
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



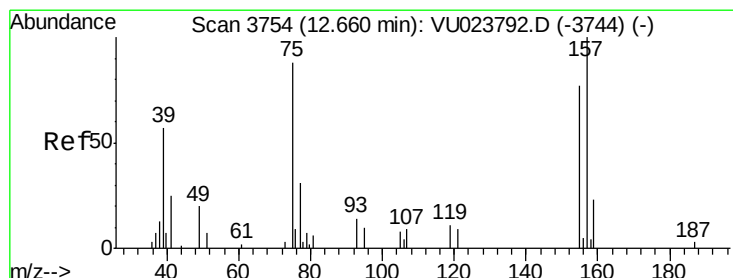
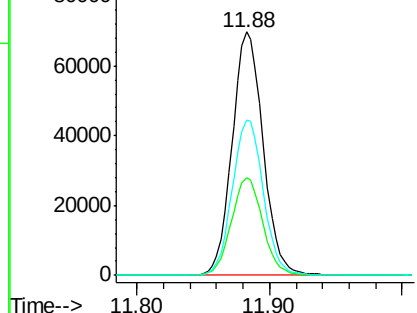
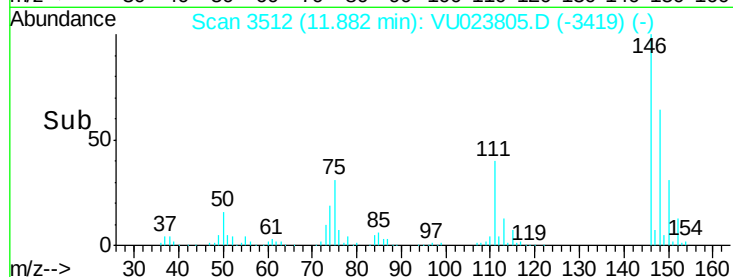


#65
 1,2-Dichlorobenzene
 Concen: 5.12 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	33.5	50.3
148	63.9	50.4	75.6

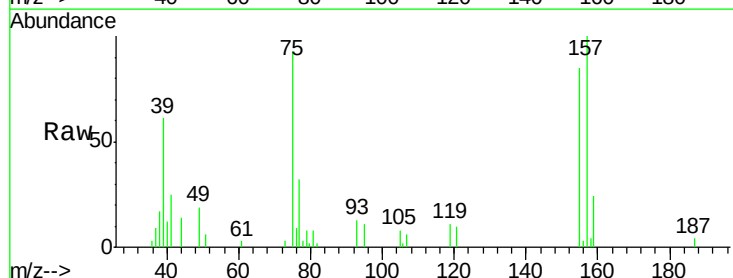


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

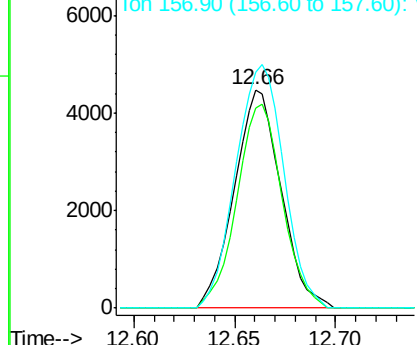
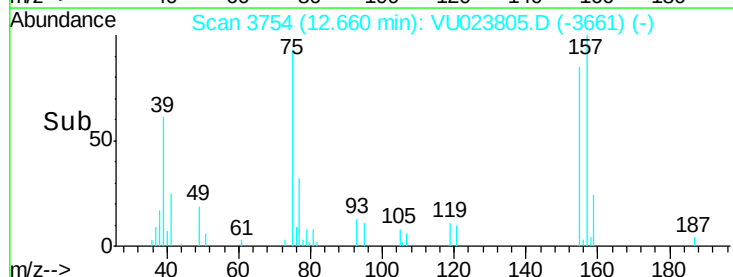


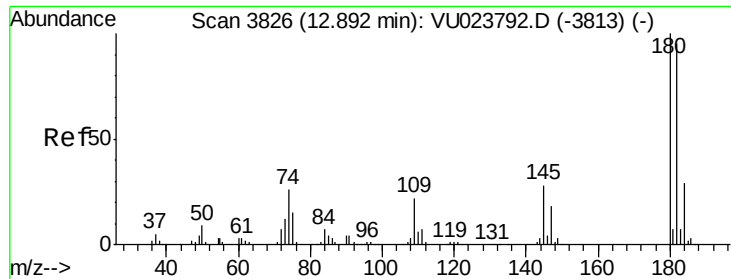
#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.27 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	64.6	96.8
157	108.0	92.9	139.3



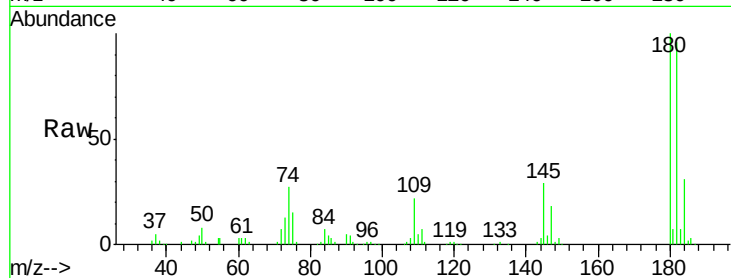
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V





#67
 1,3,5-Trichlorobenzene
 Concen: 5.21 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

Tgt Ion:	180	Resp:	94269
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
184	30.5	24.1	36.1
145	28.3	21.9	32.9

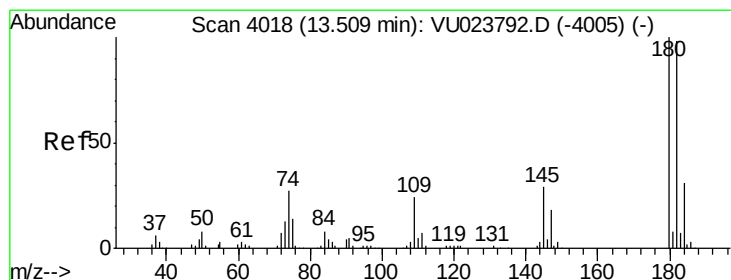
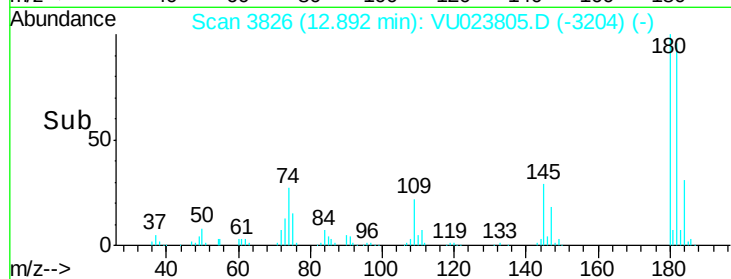
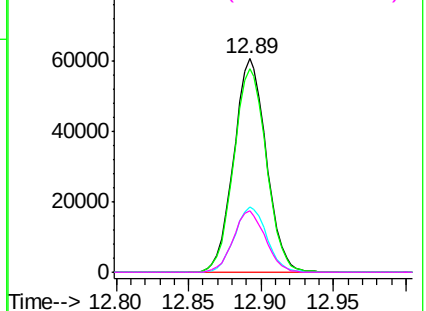


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

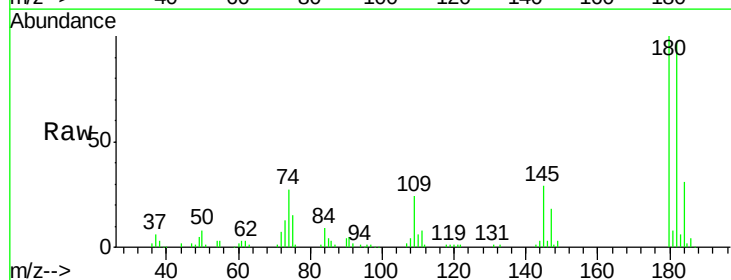
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.31 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023805.D
 Acq: 11 May 2018 17:01

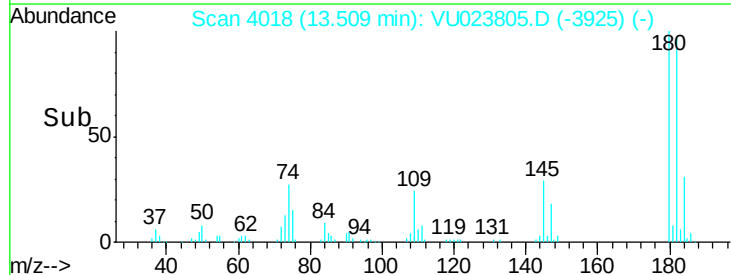
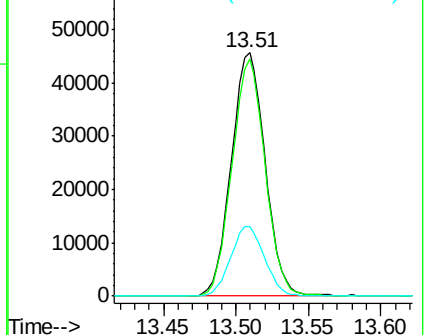
Tgt Ion:	180	Resp:	74181
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	28.5	22.4	33.6

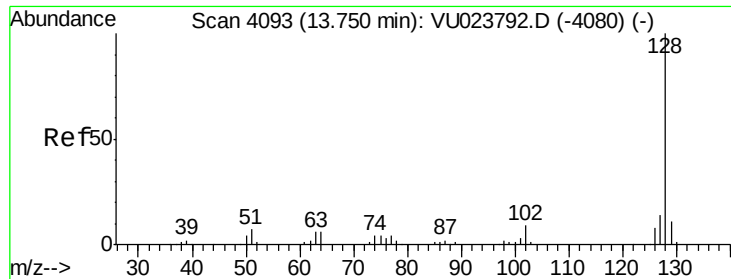


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

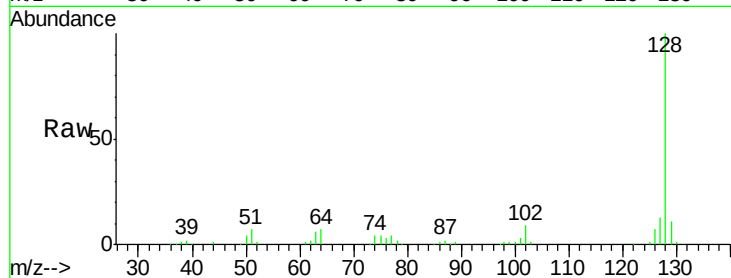
Ion 144.95 (144.65 to 145.65): V



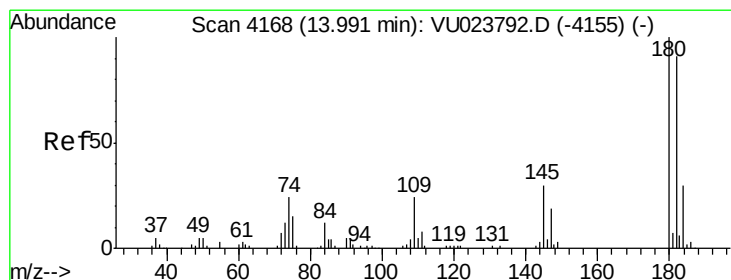
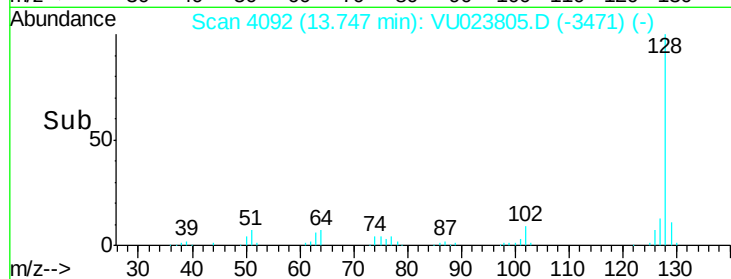
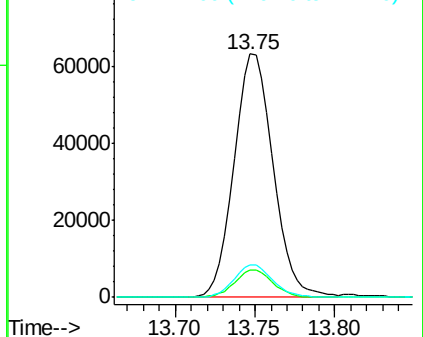


#69
Naphthalene
Concen: 4.92 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion:128 Resp: 105279
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2

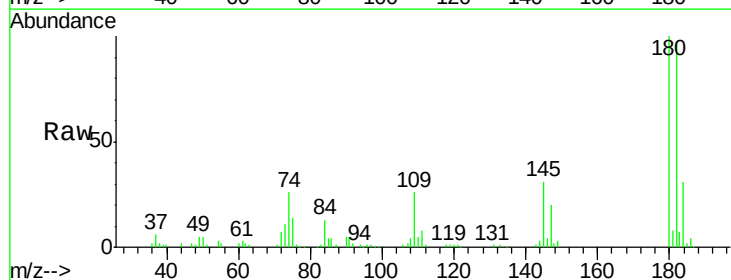


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 5.44 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023805.D
Acq: 11 May 2018 17:01

Tgt Ion:180 Resp: 73129
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.0
145 30.0 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

