

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050218\
 Data File : VU023569.D
 Acq On : 02 May 2018 10:26
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 05:05:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 02 03:12:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	159178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102337	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.64%
7) Chloroethane-d5	1.68	69	79607	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.54%
11) 1,1-Dichloroethene-d2	2.27	63	213375	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.02%
21) 2-Butanone-d5	4.18	46	180856	117.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.21%
24) Chloroform-d	4.65	84	201543	54.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.14%
26) 1,2-Dichloroethane-d4	5.31	65	128158	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.35	84	406963	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.34	67	137266	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.57	98	384122	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%
43) trans-1,3-Dichloropropene-	7.85	79	61114	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.64%
47) 2-Hexanone-d5	8.31	63	130608	125.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190016	53.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	154292	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164012	48.21	ug/L	100
3) Chloromethane	1.33	50	175755	48.16	ug/L	100
5) Vinyl chloride	1.40	62	163016	47.16	ug/L	97
6) Bromomethane	1.63	94	91053	49.15	ug/L	100
8) Chloroethane	1.70	64	94705	45.34	ug/L	100
9) Trichlorofluoromethane	1.89	101	190558	48.99	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	125143	51.03	ug/L	99
12) 1,1-Dichloroethene	2.28	96	114257	49.68	ug/L	97
13) Acetone	2.32	43	227841	99.39	ug/L	100
14) Carbon disulfide	2.48	76	383122	48.33	ug/L	100
15) Methyl Acetate	2.62	43	164876	54.30	ug/L	99
16) Methylene chloride	2.70	84	137996	48.08	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	123626	49.13	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	379521	51.02	ug/L	100
19) 1,1-Dichloroethane	3.45	63	247644	49.59	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	137755	49.33	ug/L	100
22) 2-Butanone	4.26	43	272446	106.87	ug/L	100

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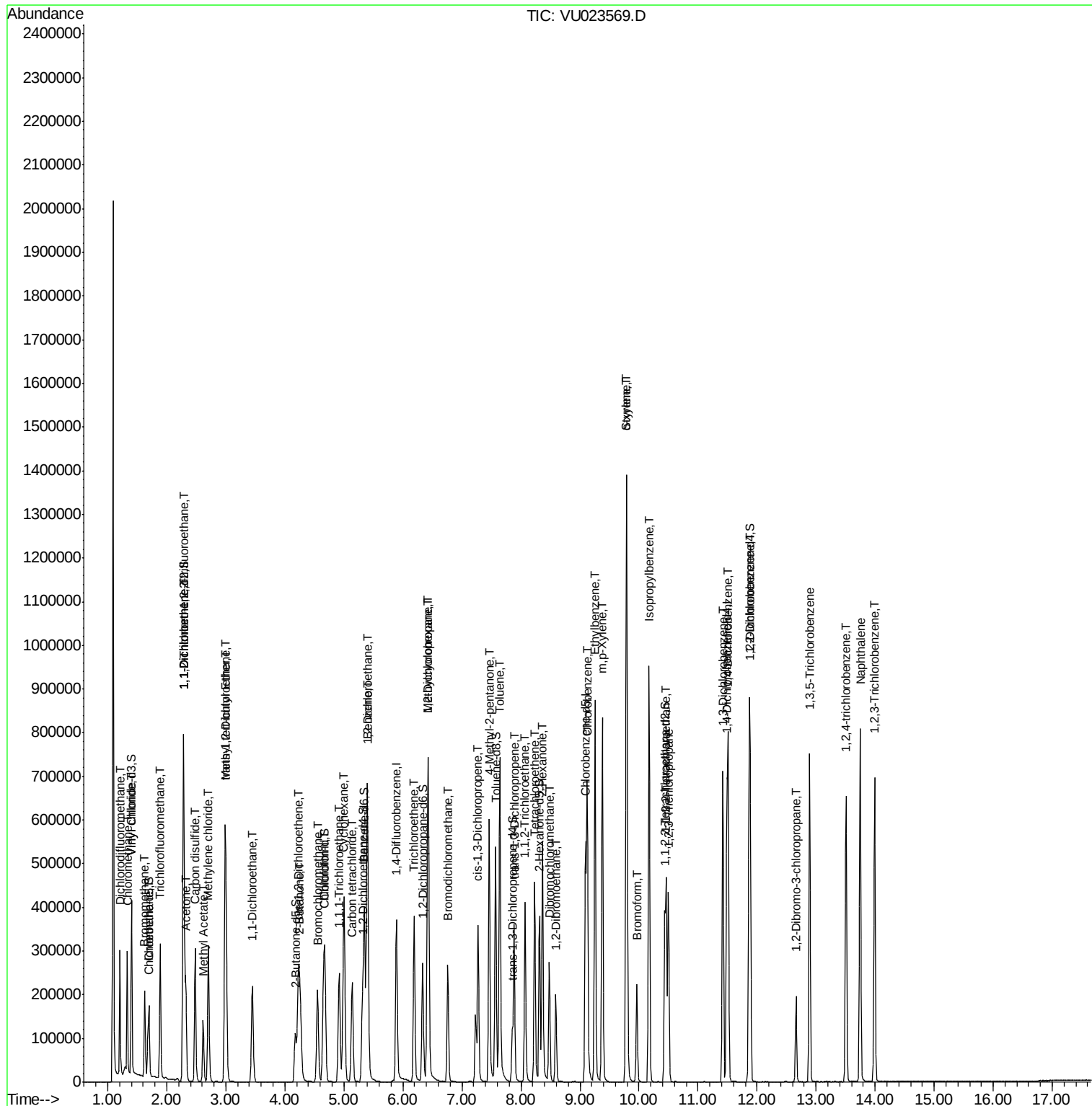
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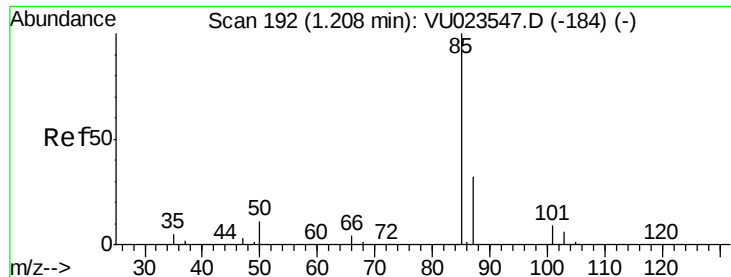
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	70235	50.11	ug/L	98
25) Chloroform	4.68	83	237832	46.44	ug/L	99
27) 1,2-Dichloroethane	5.41	62	191326	50.39	ug/L	100
29) Cyclohexane	5.00	56	230542	51.17	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	190936	49.45	ug/L	100
31) Carbon tetrachloride	5.14	117	166812	49.72	ug/L	100
33) Benzene	5.39	78	538443	50.12	ug/L	100
34) Trichloroethene	6.19	95	135980	49.40	ug/L	99
35) Methylcyclohexane	6.42	83	221421	51.43	ug/L	99
37) 1,2-Dichloropropane	6.44	63	154586	50.20	ug/L	99
38) Bromodichloromethane	6.76	83	176473	50.81	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	214116	50.47	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	429263	114.20	ug/L	99
42) Toluene	7.64	91	569546	51.15	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	197245	52.10	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	131188	50.15	ug/L	98
46) Tetrachloroethene	8.23	164	113599	50.64	ug/L	99
48) 2-Hexanone	8.36	43	358705	109.57	ug/L	99
49) Dibromochloromethane	8.48	129	141793	51.46	ug/L	99
50) 1,2-Dibromoethane	8.59	107	133077	50.37	ug/L	100
51) Chlorobenzene	9.12	112	363400	48.98	ug/L	99
52) Ethylbenzene	9.25	91	620211	51.39	ug/L	99
53) m,p-Xylene	9.38	106	239062	51.93	ug/L	100
54) o-xylene	9.78	106	227566	52.18	ug/L	97
55) Styrene	9.80	104	401790	52.66	ug/L	100
56) Isopropylbenzene	10.17	105	607788	53.10	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	225481	52.50	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	180950	53.24	ug/L	99
61) Bromoform	9.96	173	104199	52.07	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	284764	49.61	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	298562	49.82	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	293395	49.96	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	48037	56.34	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	237626	49.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	207920	50.92	ug/L	100
69) Naphthalene	13.75	128	616196	57.50	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	218581	52.53	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 48.21 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023569.D

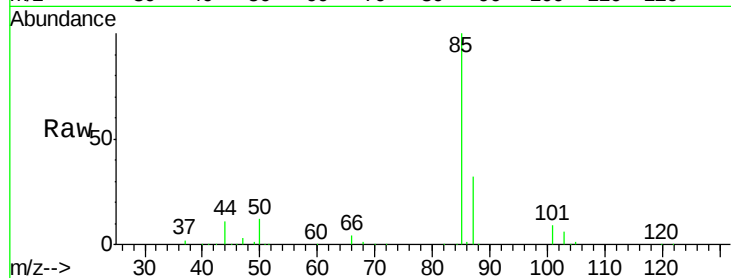
Acq: 02 May 2018 10:26

Tgt Ion: 85 Resp: 164012

Ion Ratio Lower Upper

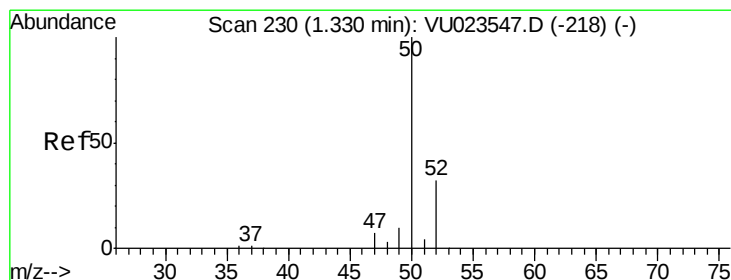
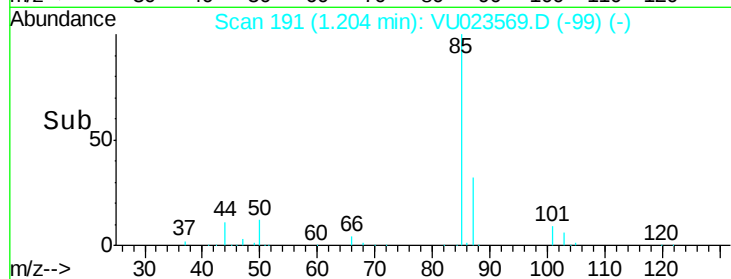
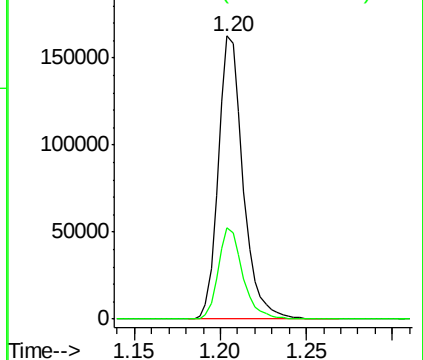
85 100

87 32.0 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 48.16 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023569.D

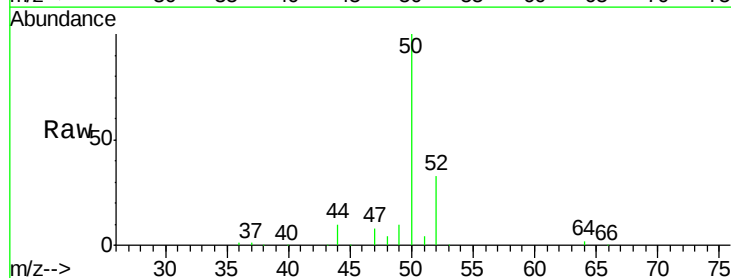
Acq: 02 May 2018 10:26

Tgt Ion: 50 Resp: 175755

Ion Ratio Lower Upper

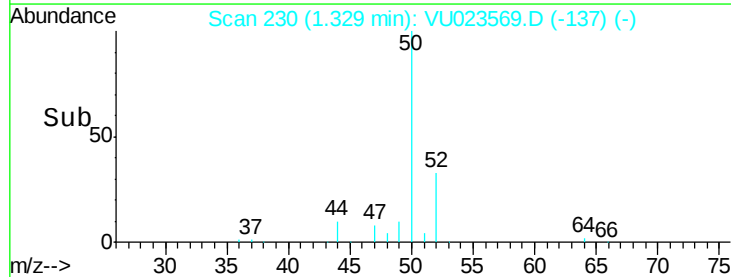
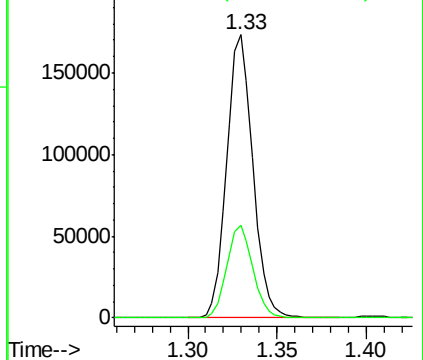
50 100

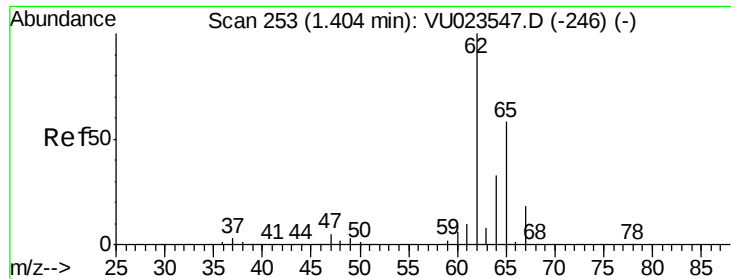
52 32.6 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 47.16 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023569.D

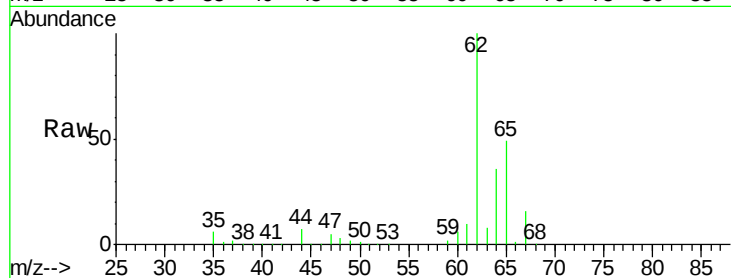
Acq: 02 May 2018 10:26

Tgt Ion: 62 Resp: 163016

Ion Ratio Lower Upper

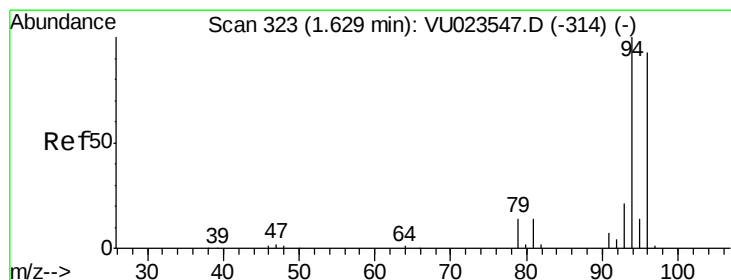
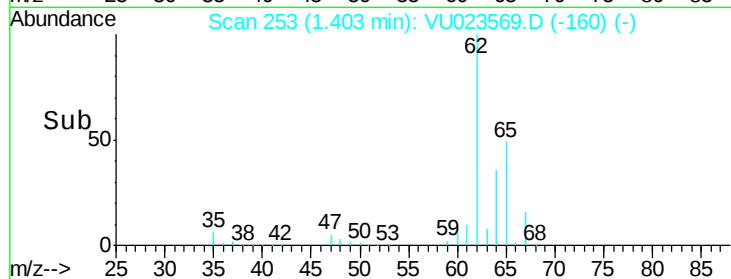
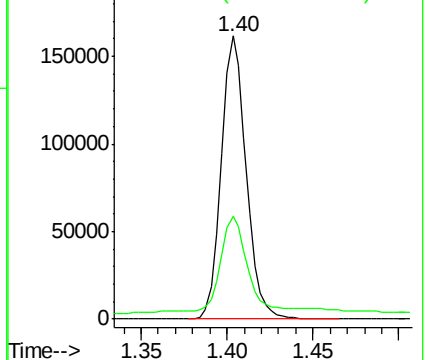
62 100

64 36.2 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 49.15 ug/L

RT: 1.63 min Scan# 322

Delta R.T. -0.00 min

Lab File: VU023569.D

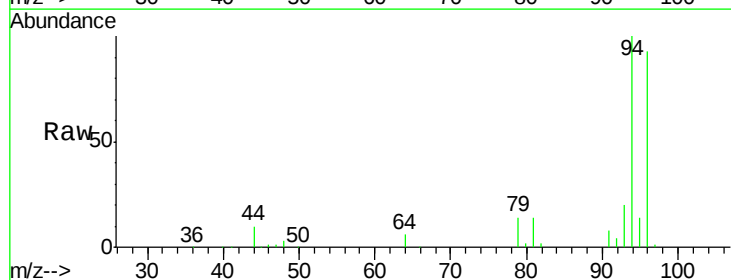
Acq: 02 May 2018 10:26

Tgt Ion: 94 Resp: 91053

Ion Ratio Lower Upper

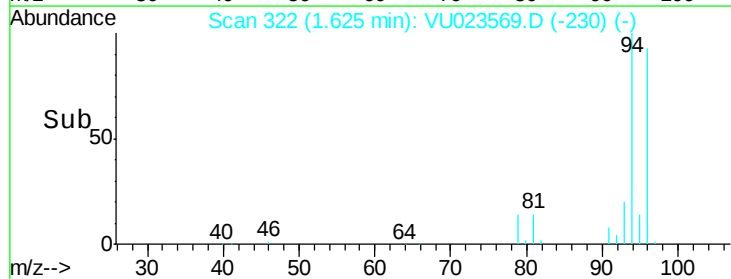
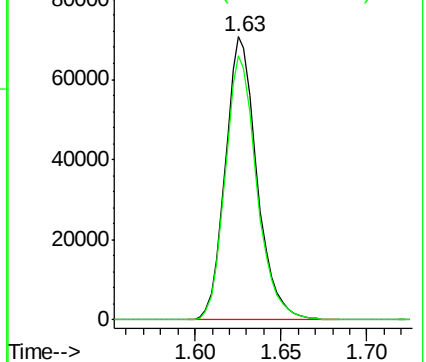
94 100

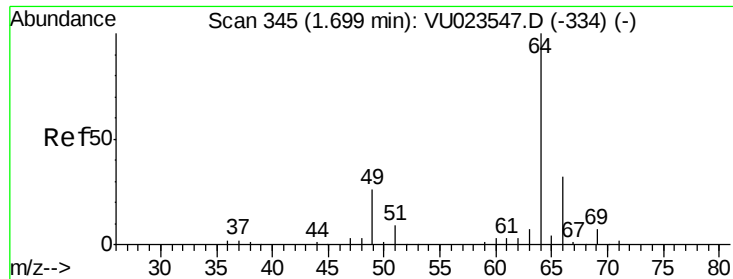
96 93.3 65.3 121.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

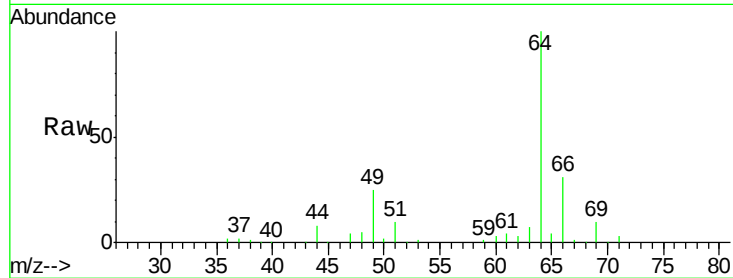
Ion 96.00 (95.70 to 96.70): VU0



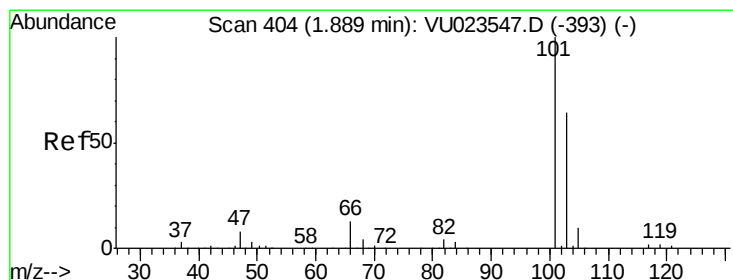
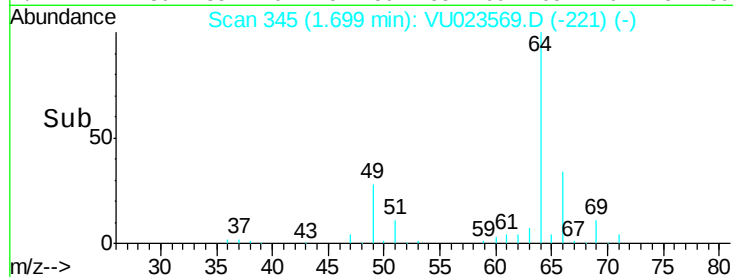
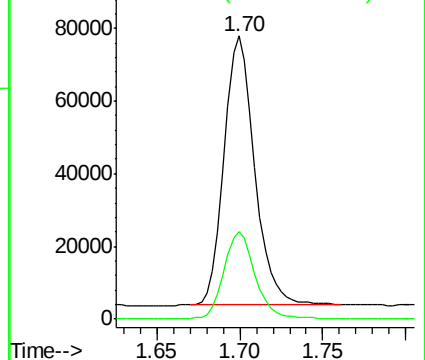


#8
 Chloroethane
 Concen: 45.34 ug/L
 RT: 1.70 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion: 64 Resp: 94705
 Ion Ratio Lower Upper
 64 100
 66 31.0 21.7 40.3

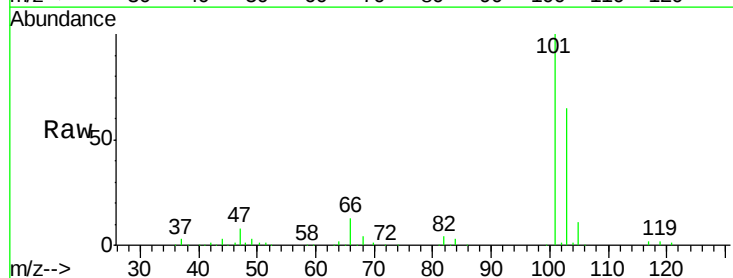


Abundance Ion 64.00 (63.70 to 64.70): VU0
 Ion 66.00 (65.70 to 66.70): VU0

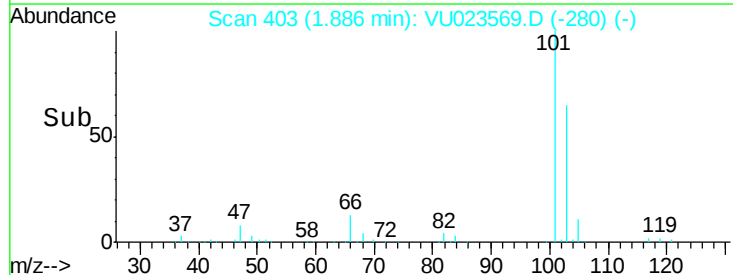
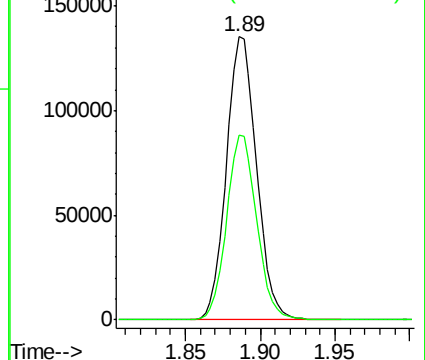


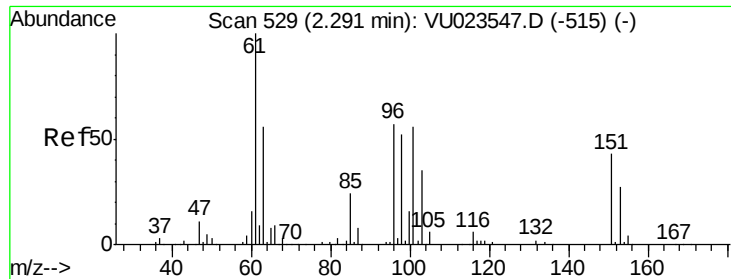
#9
 Trichlorofluoromethane
 Concen: 48.99 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion: 101 Resp: 190558
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 51.03 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

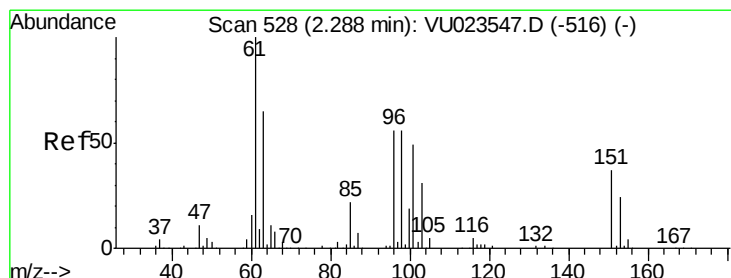
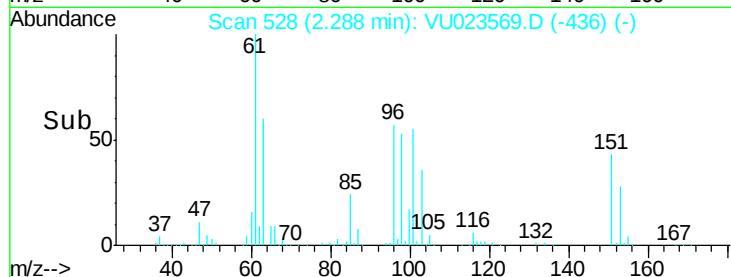
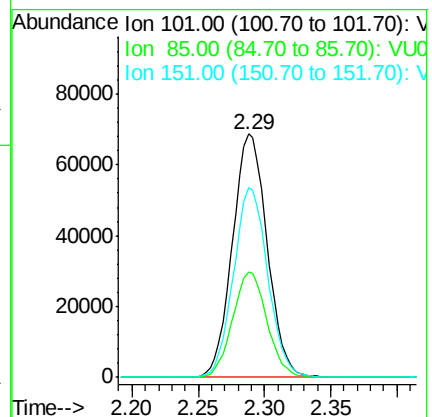
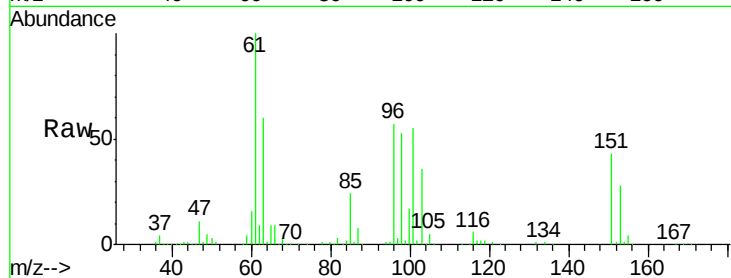
Tgt Ion: 101 Resp: 125143

Ion Ratio Lower Upper

101 100

85 42.7 34.9 52.3

151 77.0 61.0 91.6



#12

1,1-Dichloroethene

Concen: 49.68 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

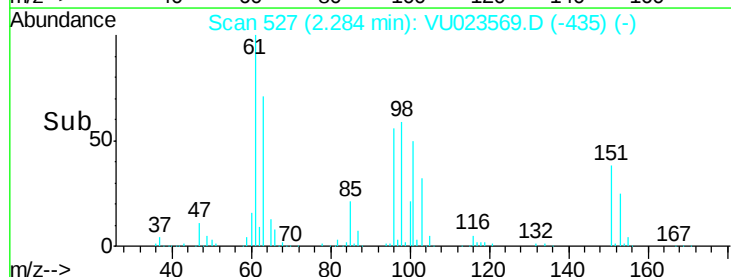
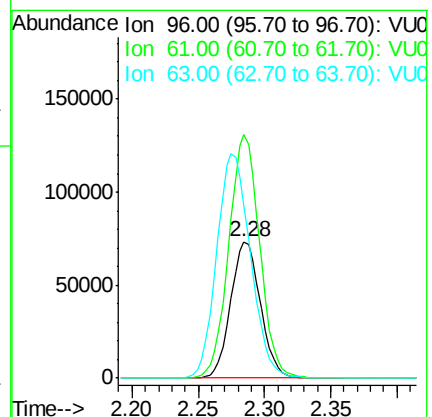
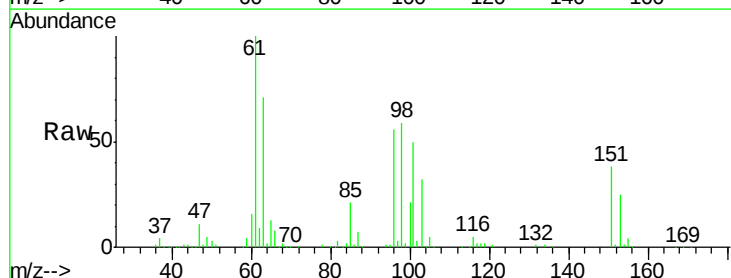
Tgt Ion: 96 Resp: 114257

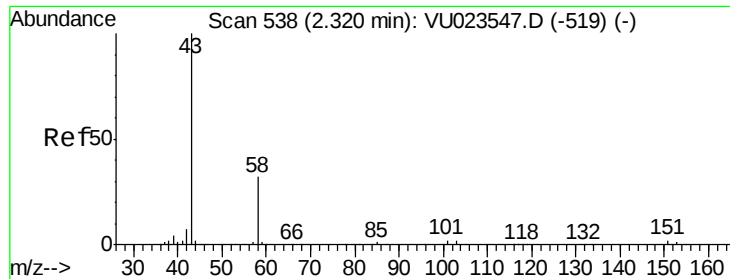
Ion Ratio Lower Upper

96 100

61 178.3 125.9 233.7

63 126.6 84.8 157.6





#13

Acetone

Concen: 99.39 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023569.D

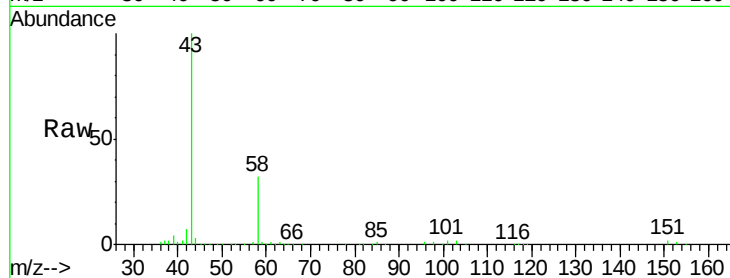
Acq: 02 May 2018 10:26

Tgt Ion: 43 Resp: 227841

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

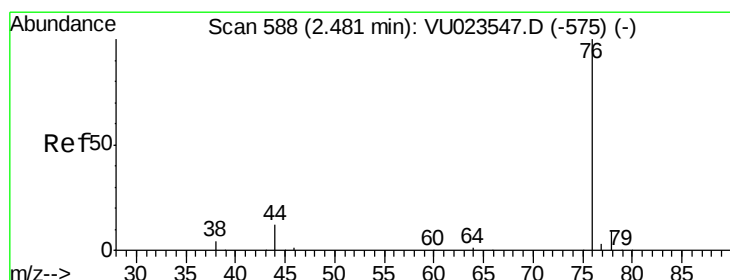
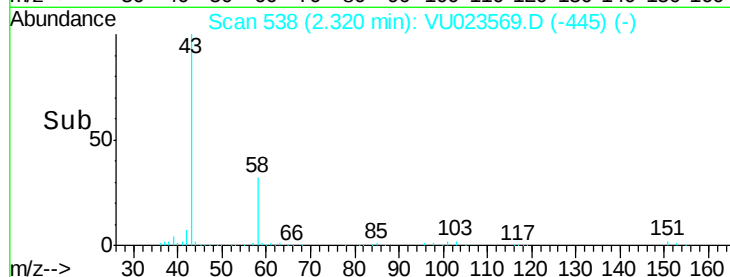
150000

100000

50000

0

Time--> 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 48.33 ug/L

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023569.D

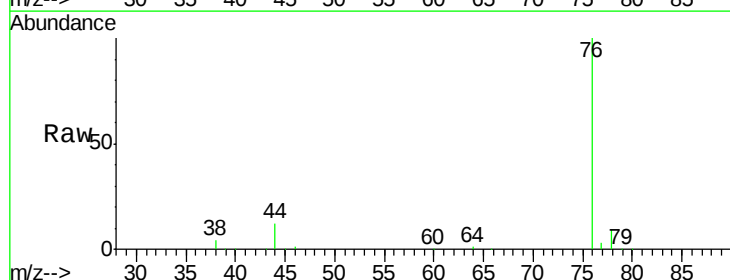
Acq: 02 May 2018 10:26

Tgt Ion: 76 Resp: 383122

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

250000

200000

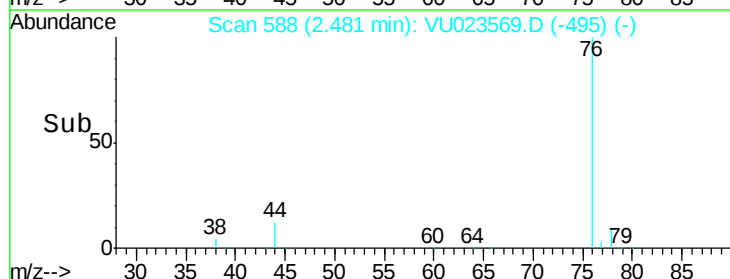
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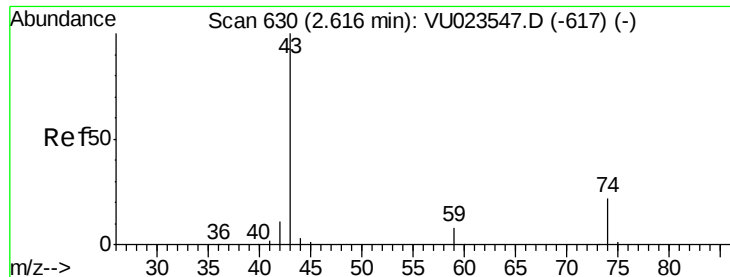
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50000

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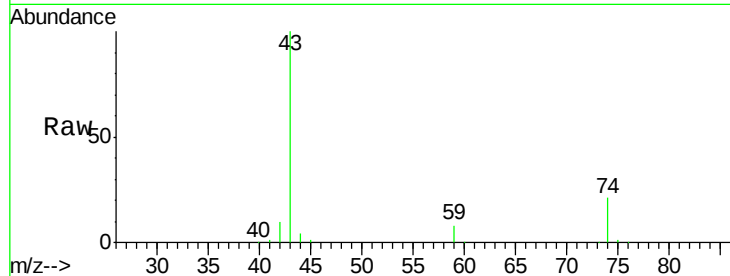
Time--> 2.40 2.50 2.60



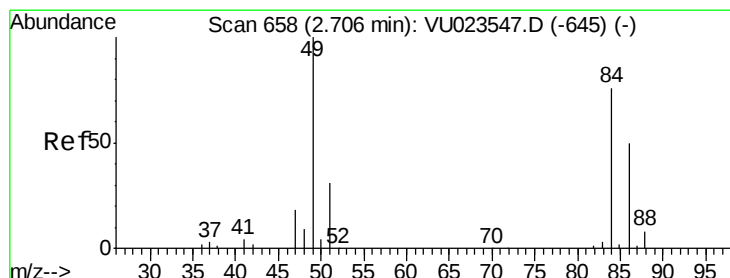
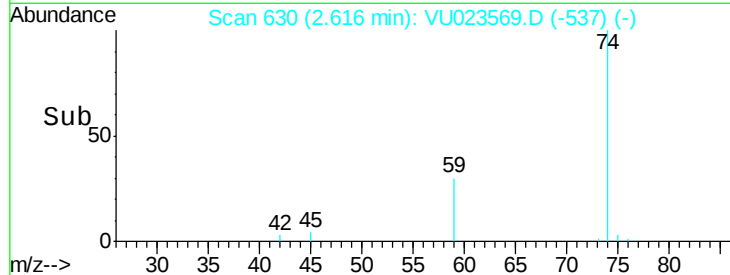
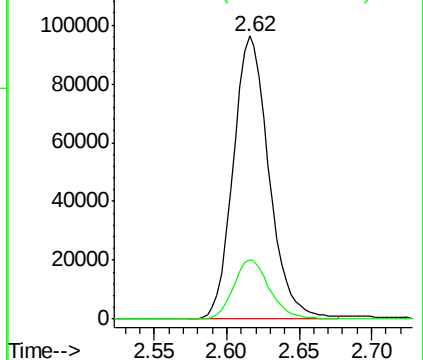


#15
Methyl Acetate
Concen: 54.30 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion: 43 Resp: 164876
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3

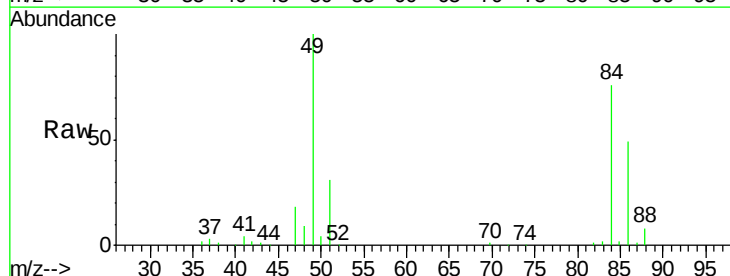


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

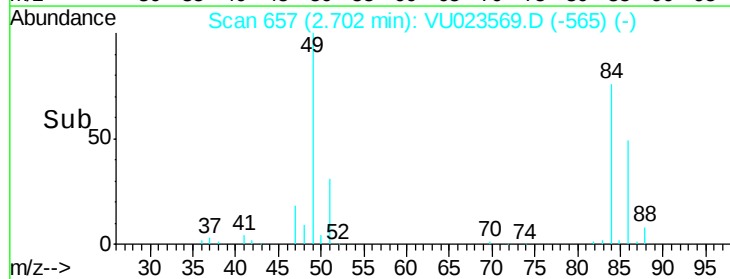
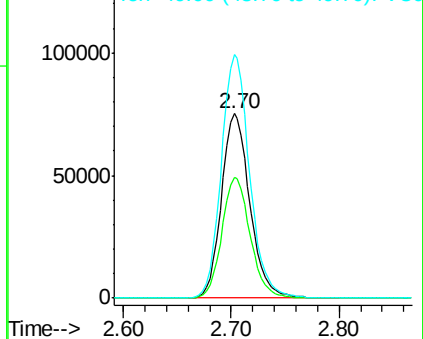


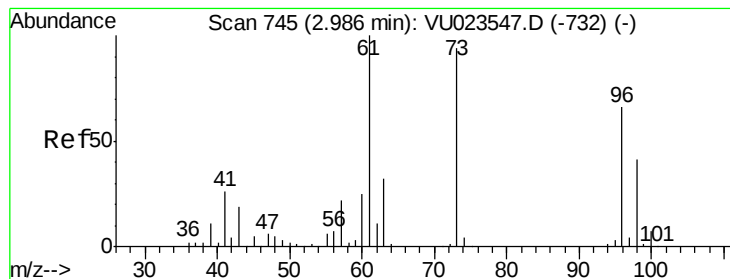
#16
Methylene chloride
Concen: 48.08 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion: 84 Resp: 137996
Ion Ratio Lower Upper
84 100
86 65.3 45.6 84.8
49 131.9 91.9 170.7



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 49.13 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

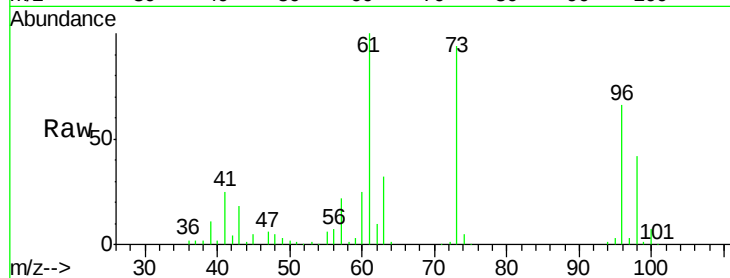
Tgt Ion: 96 Resp: 123626

Ion Ratio Lower Upper

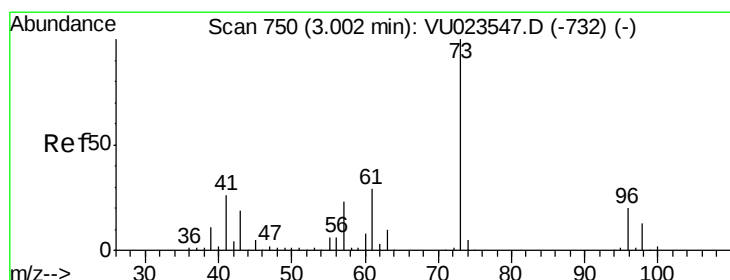
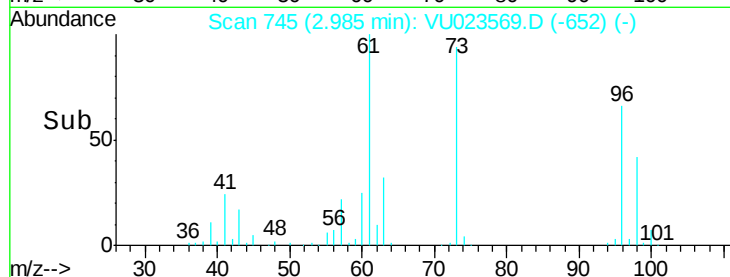
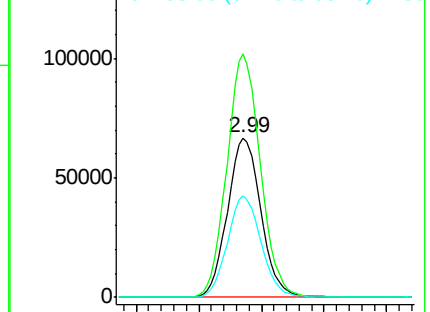
96 100

61 152.6 106.9 198.5

98 63.4 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 51.02 ug/L

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

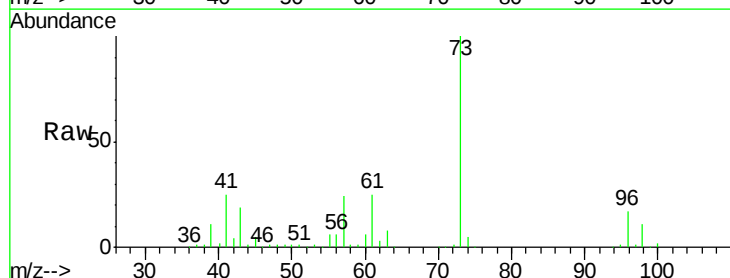
Tgt Ion: 73 Resp: 379521

Ion Ratio Lower Upper

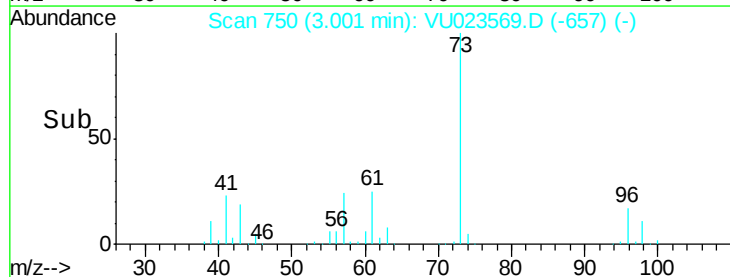
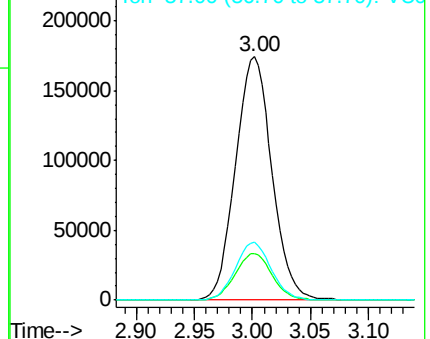
73 100

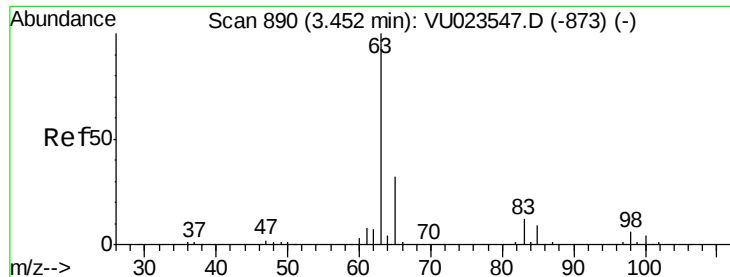
43 19.3 15.5 23.3

57 23.5 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 49.59 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

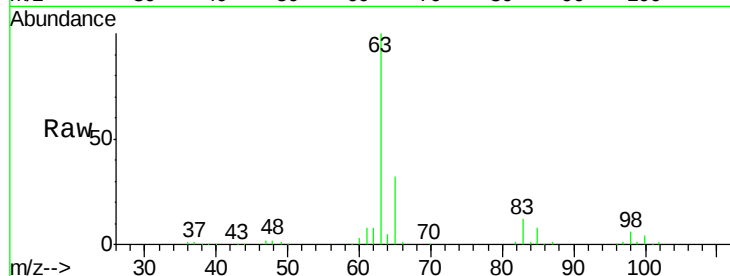
Tgt Ion: 63 Resp: 247644

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

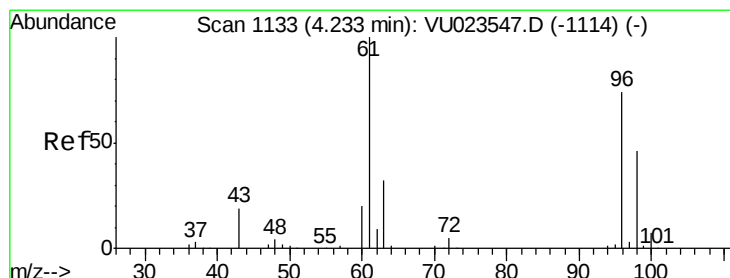
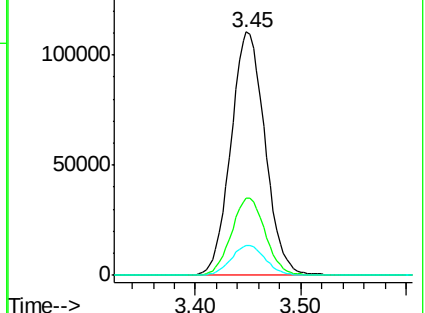
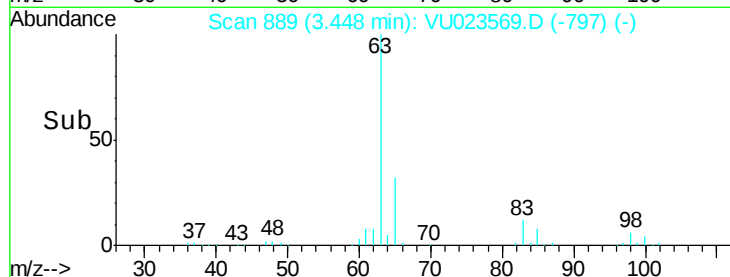
83 12.4 8.7 16.1



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 49.33 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

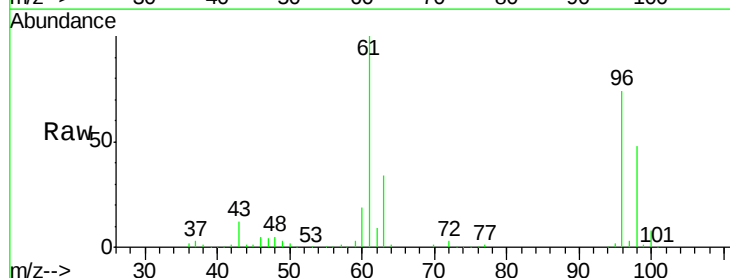
Tgt Ion: 96 Resp: 137755

Ion Ratio Lower Upper

96 100

61 135.7 95.3 177.1

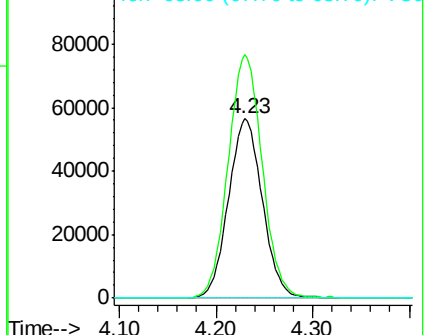
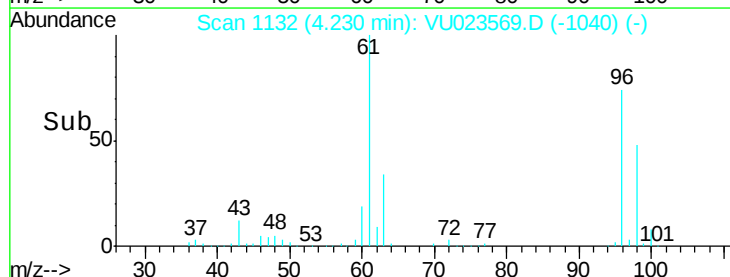
68 0.0 0.0 0.0

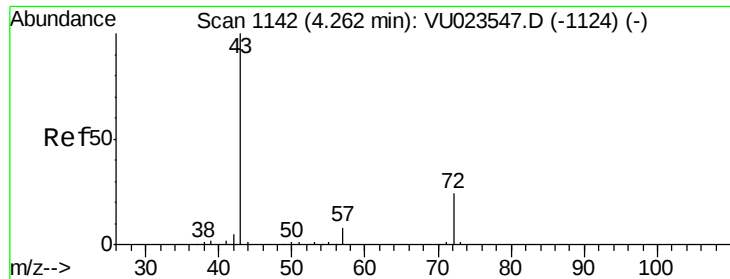


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 106.87 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU023569.D

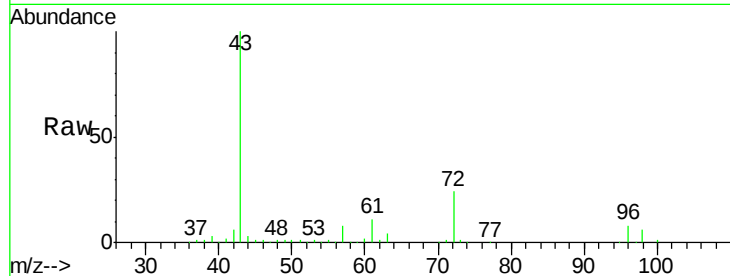
Acq: 02 May 2018 10:26

Tgt Ion: 43 Resp: 272446

Ion Ratio Lower Upper

43 100

72 24.6 12.3 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

120000

100000

80000

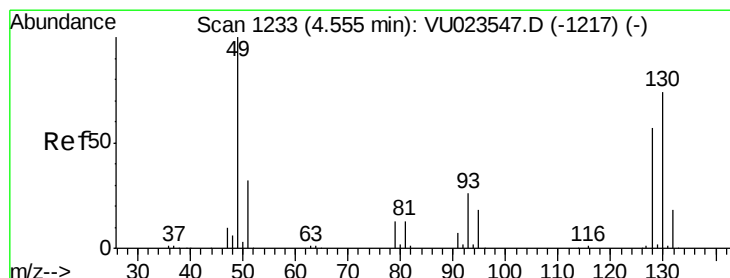
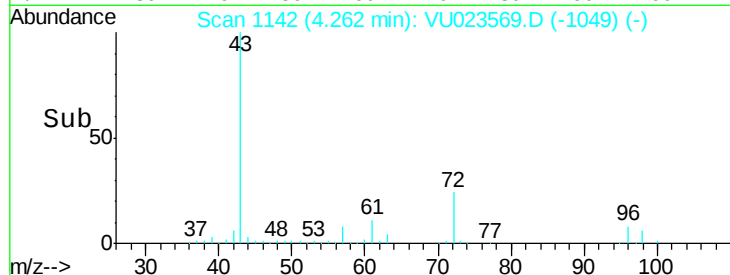
60000

40000

20000

0

Time-->



#23

Bromochloromethane

Concen: 50.11 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

Tgt Ion: 128 Resp: 70235

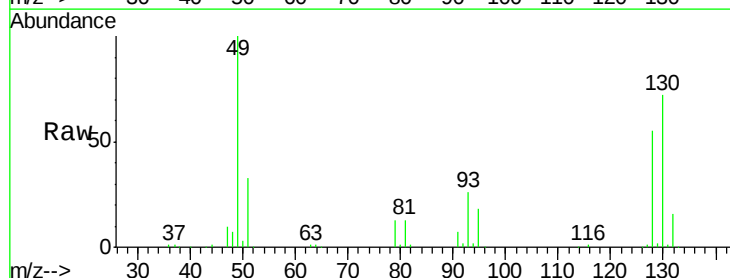
Ion Ratio Lower Upper

128 100

49 180.4 123.7 229.7

130 129.3 90.6 168.3

51 58.8 45.0 67.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VU0

80000

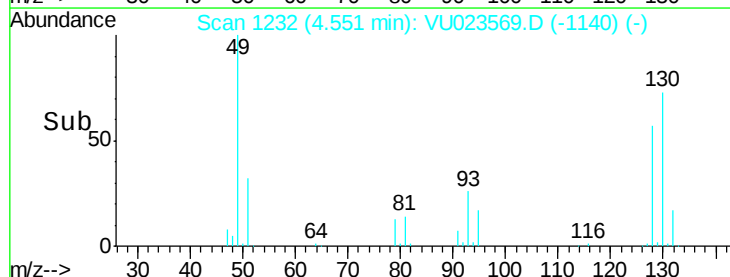
60000

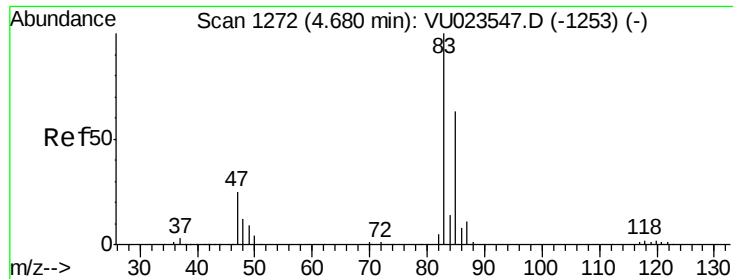
40000

20000

0

Time-->





#25

Chloroform

Concen: 46.44 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023569.D

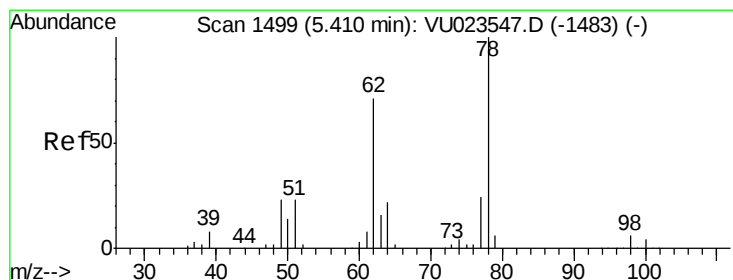
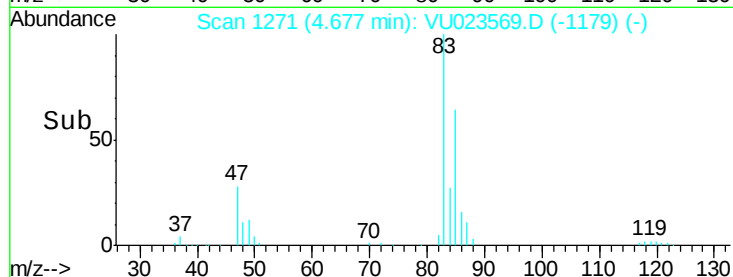
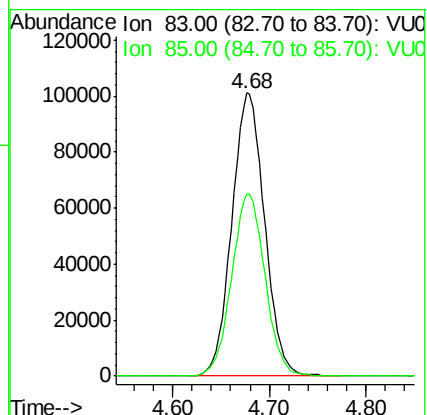
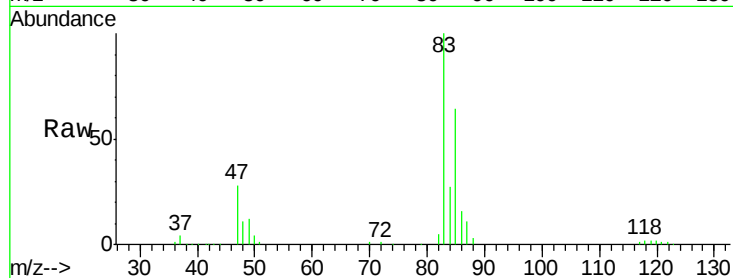
Acq: 02 May 2018 10:26

Tgt Ion: 83 Resp: 237832

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 50.39 ug/L

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU023569.D

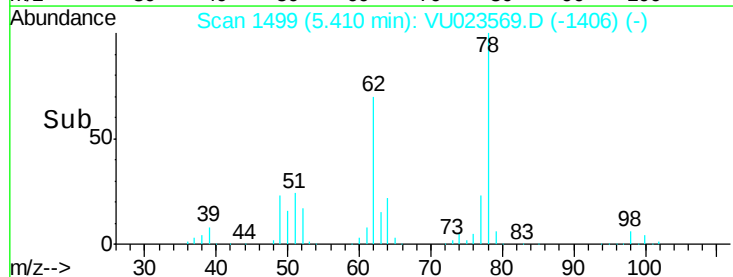
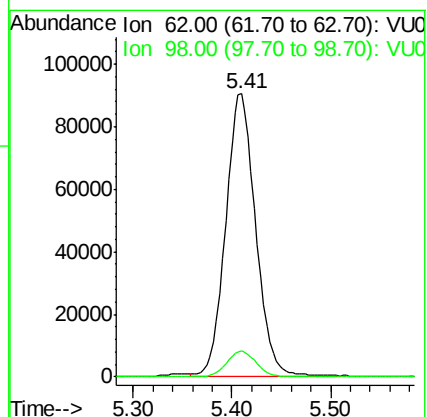
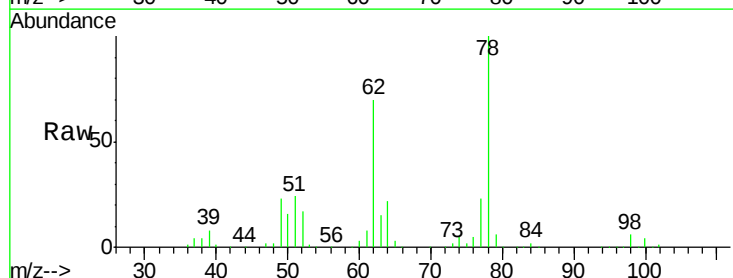
Acq: 02 May 2018 10:26

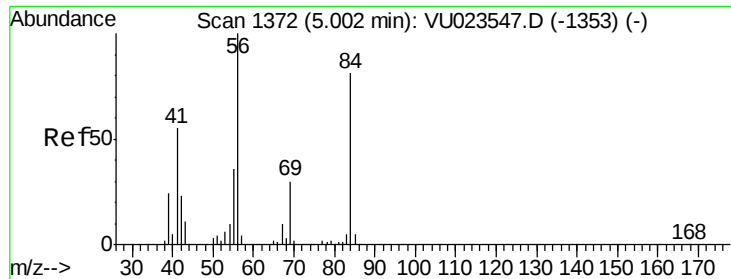
Tgt Ion: 62 Resp: 191326

Ion Ratio Lower Upper

62 100

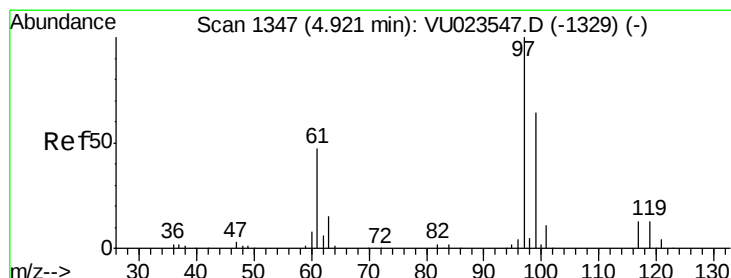
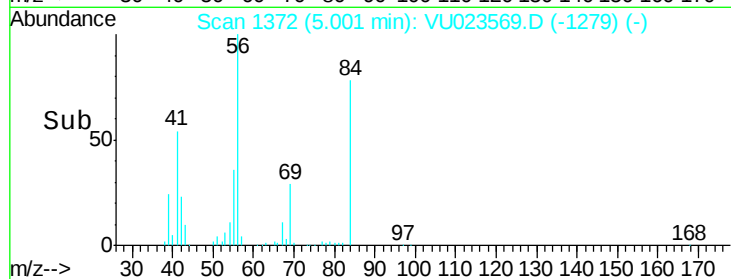
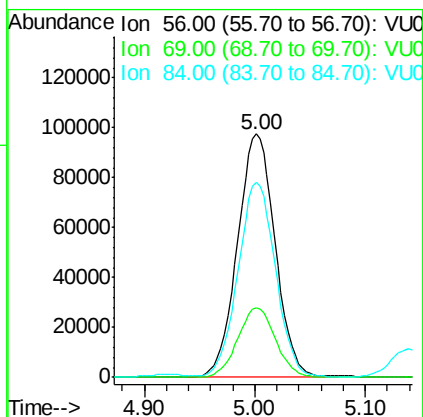
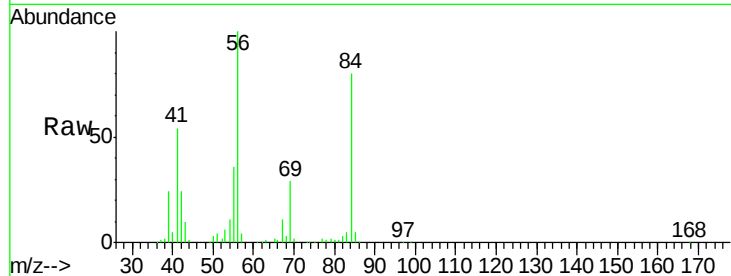
98 9.0 7.3 10.9





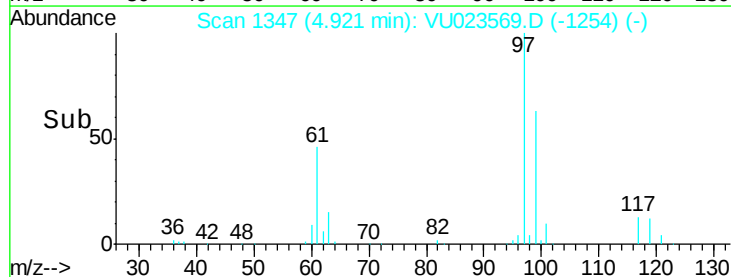
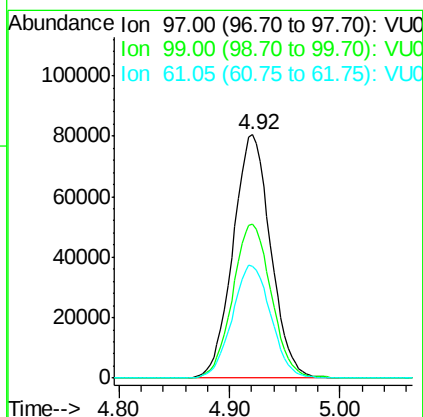
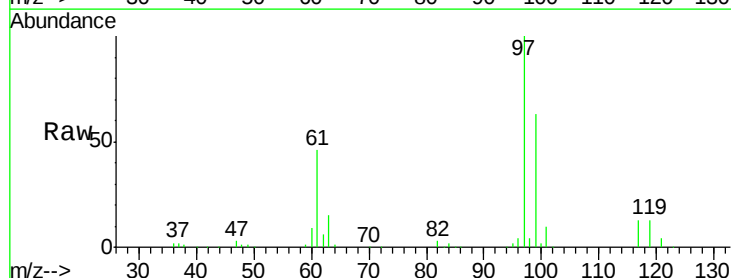
#29
Cyclohexane
Concen: 51.17 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

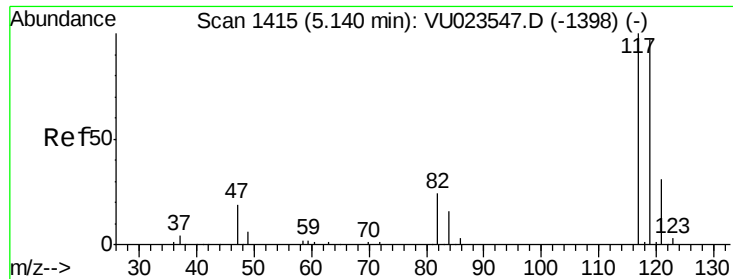
Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.5	35.3
84	80.2	63.8	95.8



#30
1,1,1-Trichloroethane
Concen: 49.45 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	47.3	37.7	56.5





#31

Carbon tetrachloride

Concen: 49.72 ug/L

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU023569.D

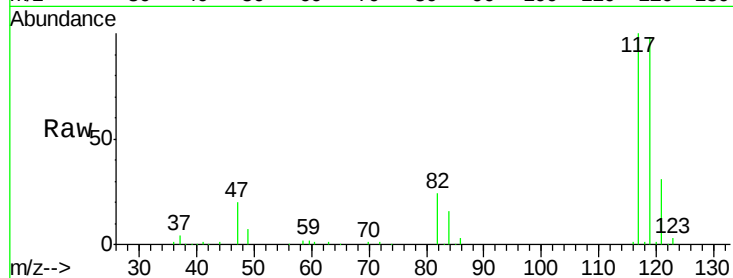
Acq: 02 May 2018 10:26

Tgt Ion: 117 Resp: 166812

Ion Ratio Lower Upper

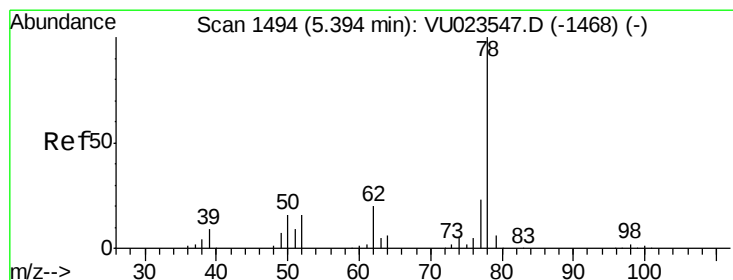
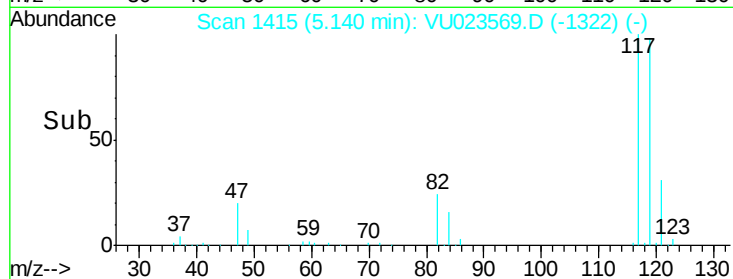
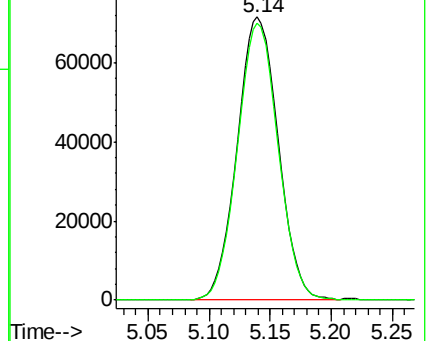
117 100

119 97.1 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.12 ug/L

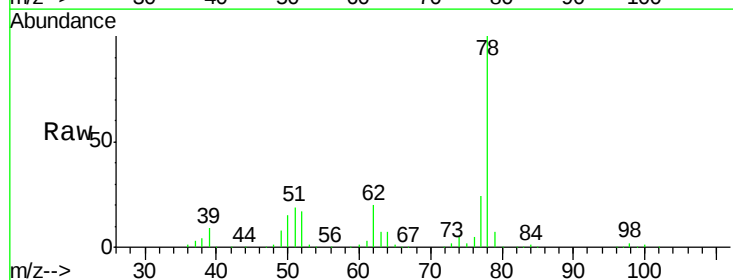
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

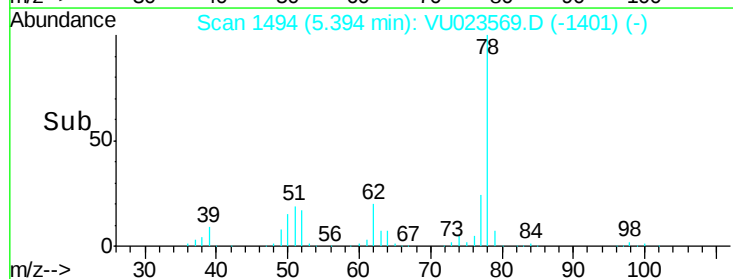
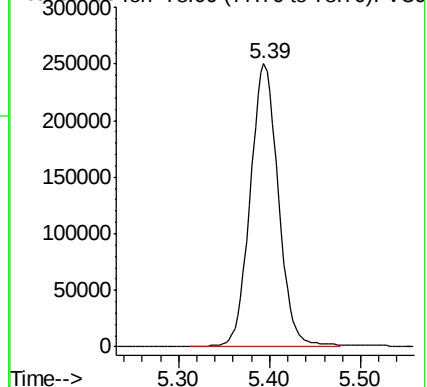
Lab File: VU023569.D

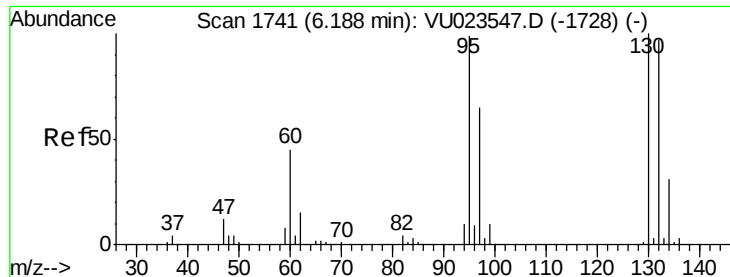
Acq: 02 May 2018 10:26

Tgt Ion: 78 Resp: 538443



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 49.40 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

Tgt Ion: 95 Resp: 135980

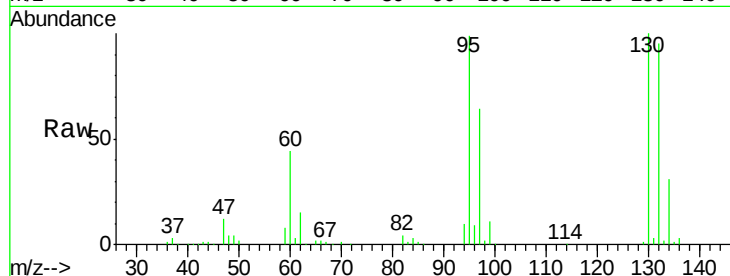
Ion Ratio Lower Upper

95 100

97 65.0 46.3 85.9

132 95.6 68.5 127.1

130 101.0 70.8 131.4

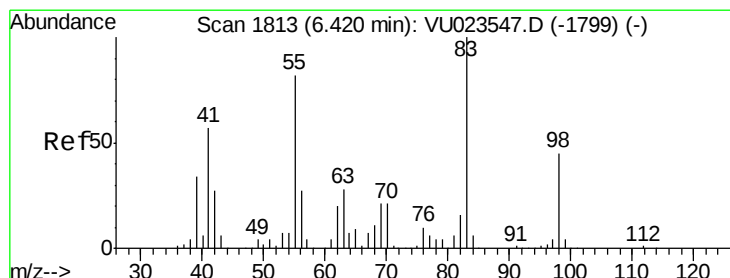
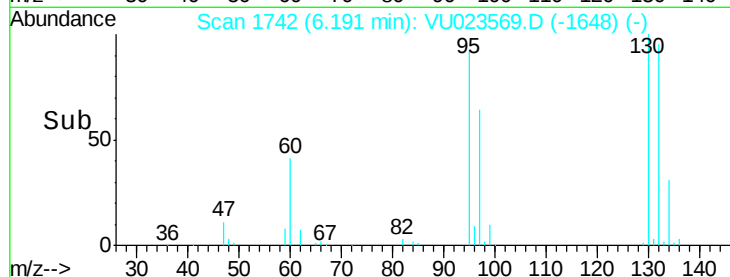
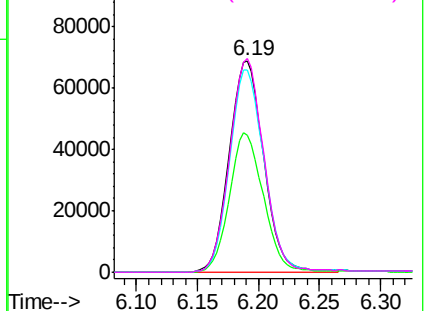


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 51.43 ug/L

RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

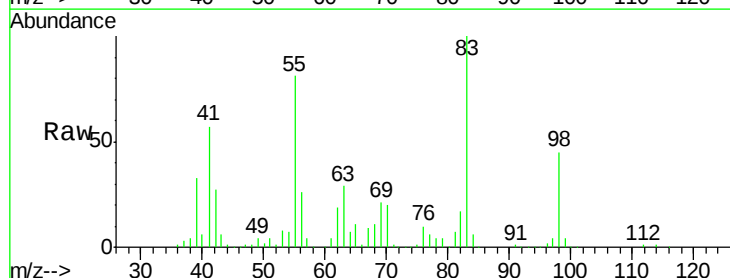
Tgt Ion: 83 Resp: 221421

Ion Ratio Lower Upper

83 100

55 82.4 66.7 100.1

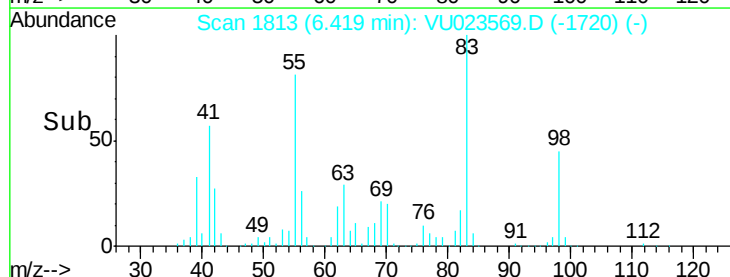
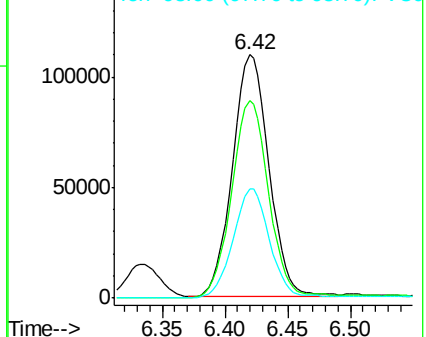
98 45.4 36.6 54.8

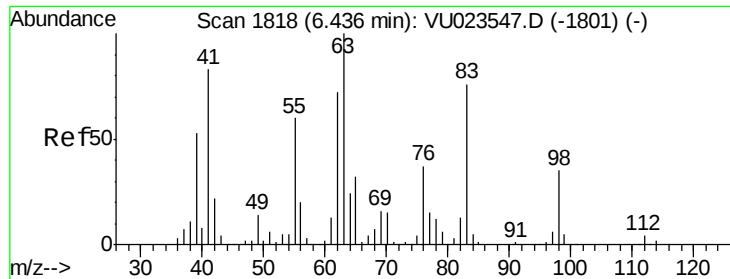


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 50.20 ug/L

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU023569.D

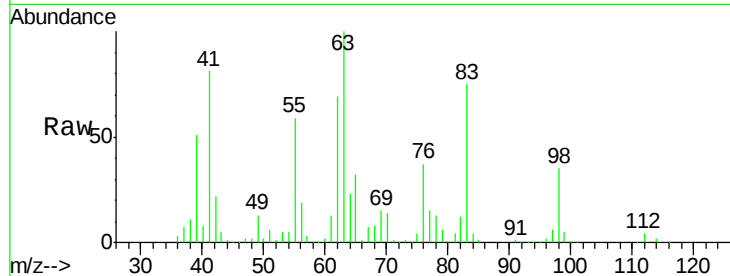
Acq: 02 May 2018 10:26

Tgt Ion: 63 Resp: 154586

Ion Ratio Lower Upper

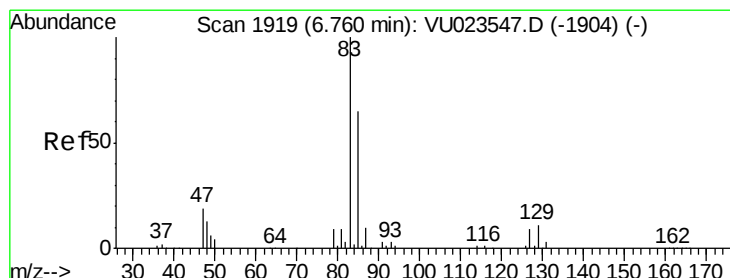
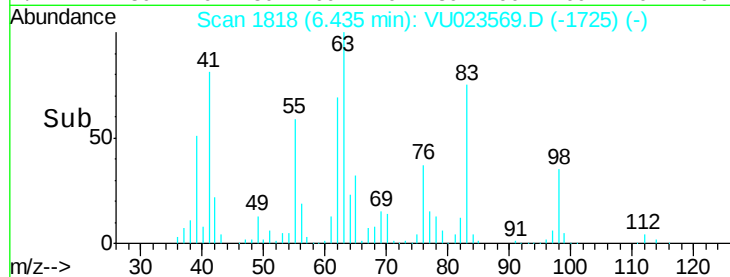
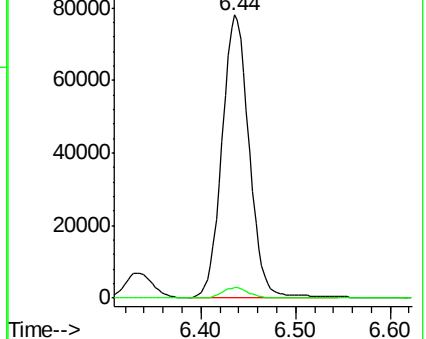
63 100

112 3.6 3.1 4.7



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 50.81 ug/L

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

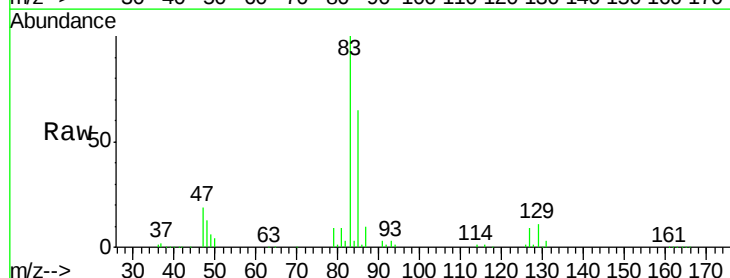
Tgt Ion: 83 Resp: 176473

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

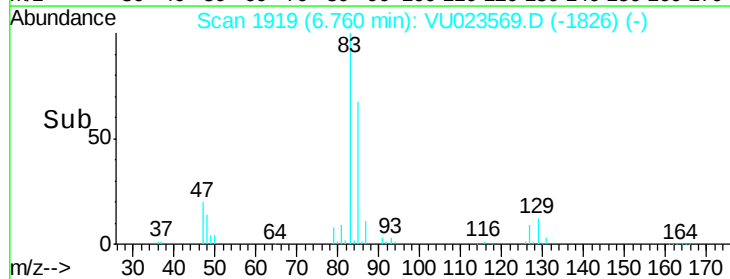
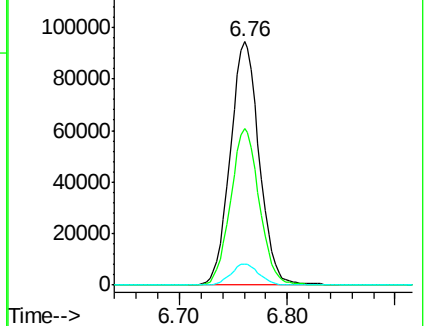
127 8.8 6.9 10.3

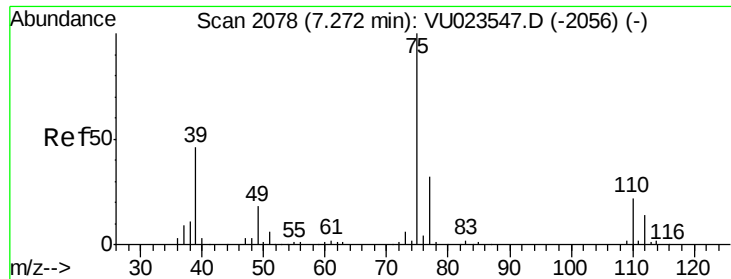


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

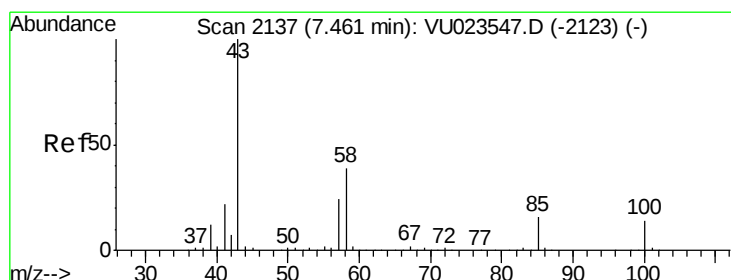
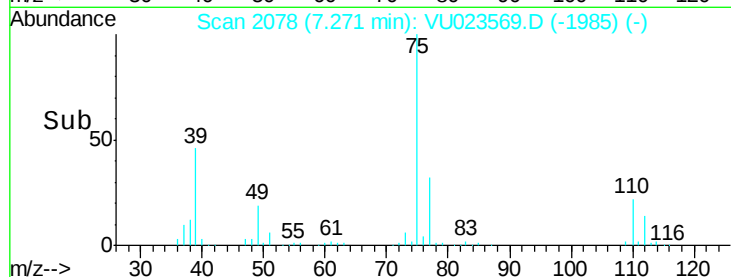
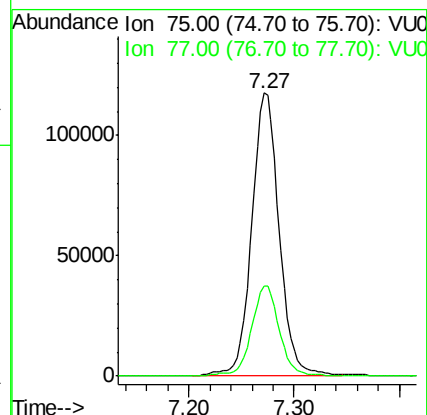
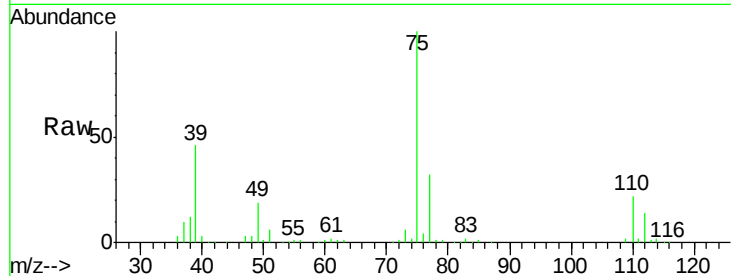
Ion 127.00 (126.70 to 127.70): V





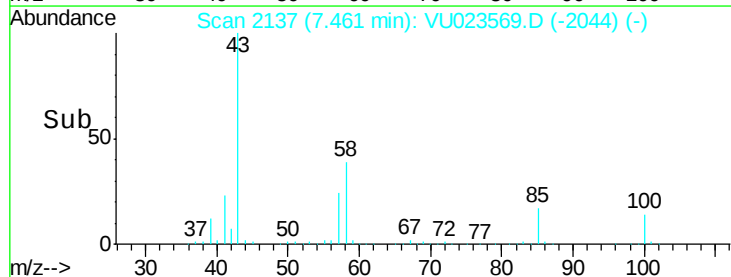
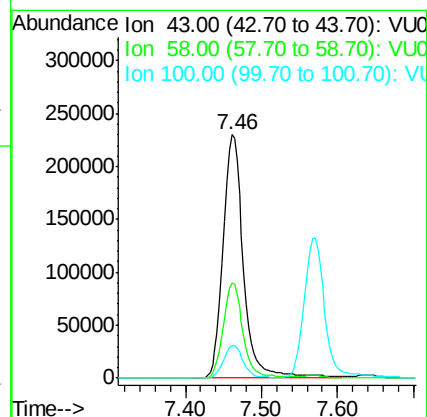
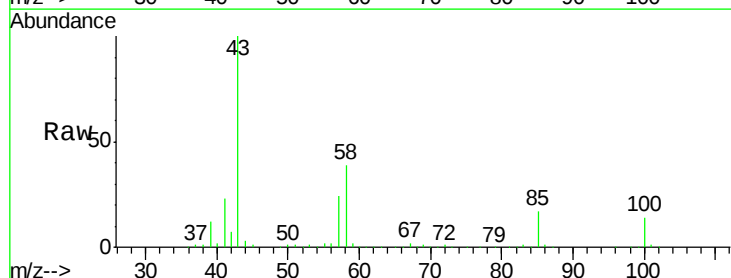
#39
 cis-1,3-Dichloropropene
 Concen: 50.47 ug/L
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

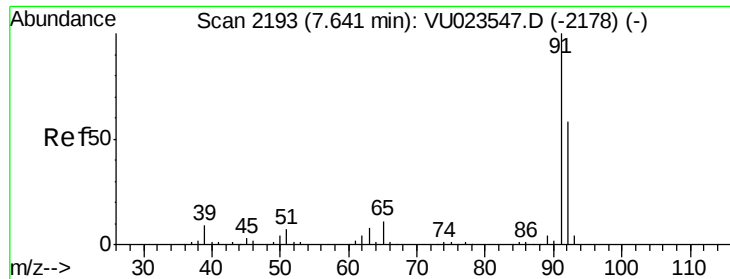
Tgt Ion: 75 Resp: 214116
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 114.20 ug/L
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion: 43 Resp: 429263
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.8 46.2
 100 13.0 10.7 16.1





#42

Toluene

Concen: 51.15 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023569.D

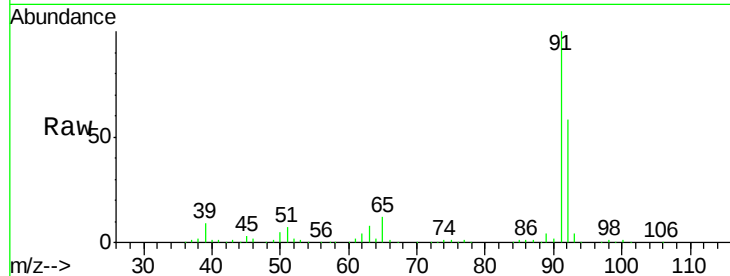
Acq: 02 May 2018 10:26

Tgt Ion: 91 Resp: 569546

Ion Ratio Lower Upper

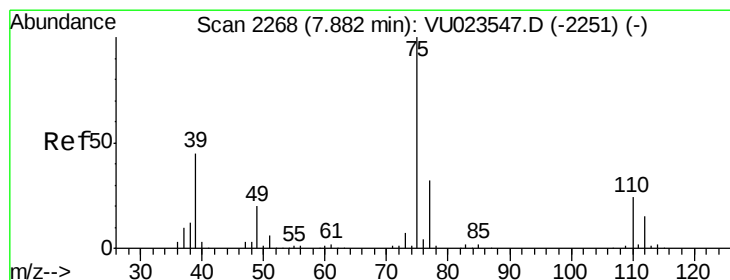
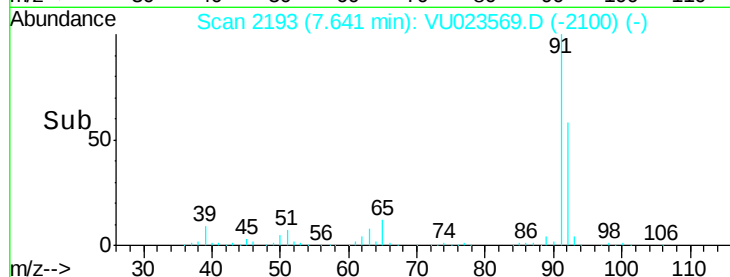
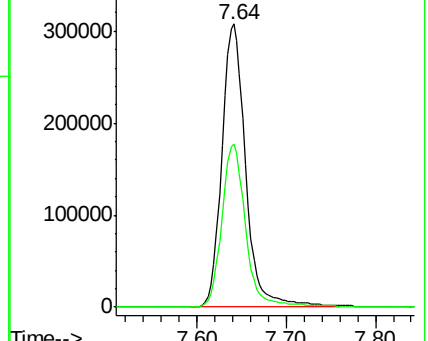
91 100

92 57.8 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 52.10 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023569.D

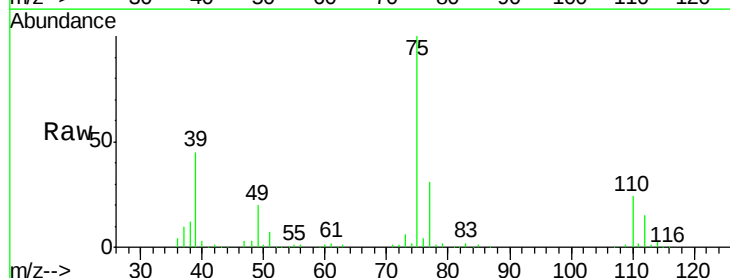
Acq: 02 May 2018 10:26

Tgt Ion: 75 Resp: 197245

Ion Ratio Lower Upper

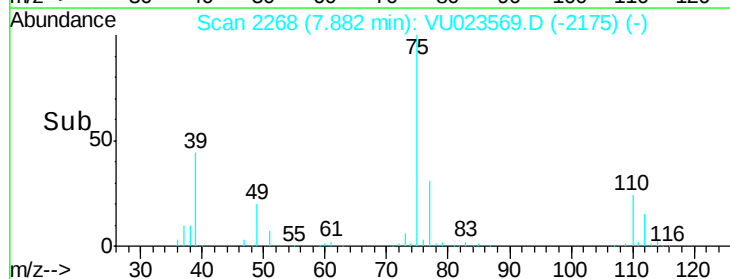
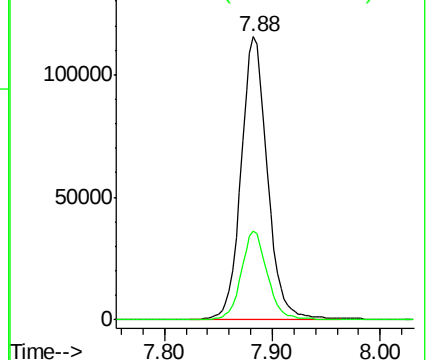
75 100

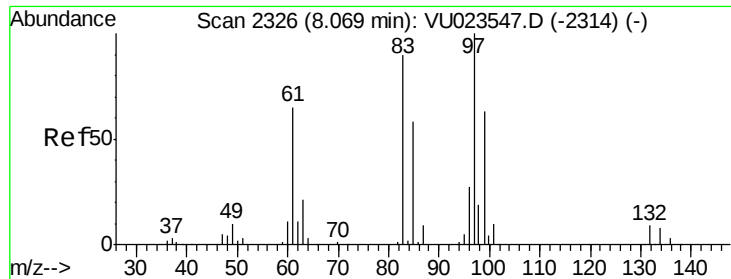
77 31.4 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

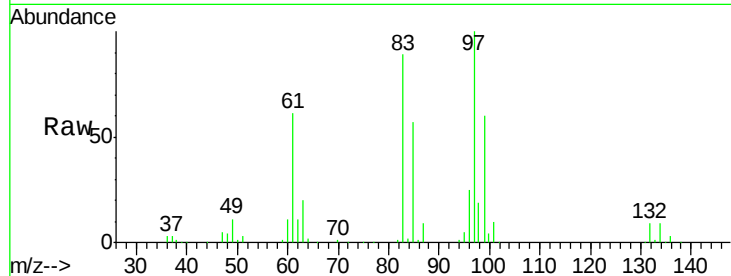
Ion 77.00 (76.70 to 77.70): VU0





#45
 1,1,2-Trichloroethane
 Concen: 50.15 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion:	97	Resp:	131188
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.2	82.2
83	89.2	63.1	117.1
85	57.1	40.3	74.8



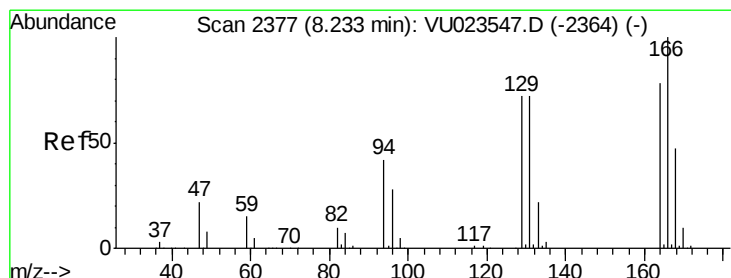
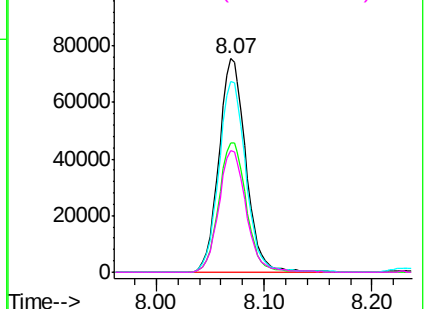
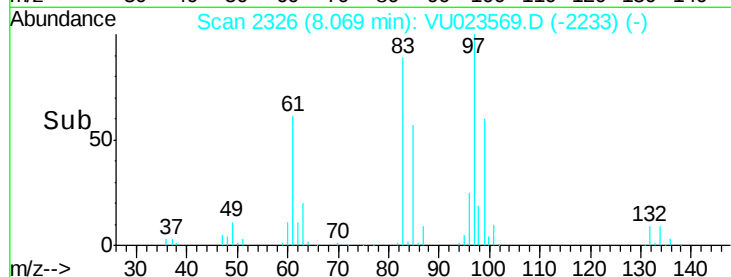
Abundance

Ion 97.00 (96.70 to 97.70): VU023569.D (-2233) (-)

Ion 99.00 (98.70 to 99.70): VU023569.D (-2233) (-)

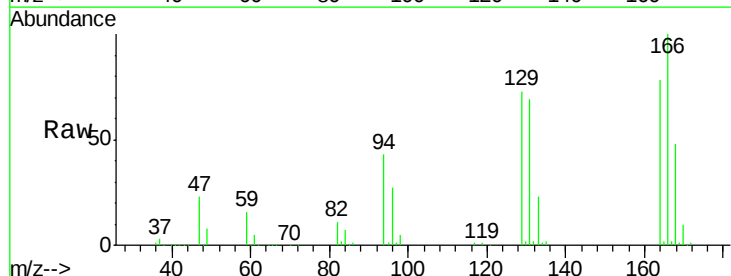
Ion 83.00 (82.70 to 83.70): VU023569.D (-2233) (-)

Ion 85.00 (84.70 to 85.70): VU023569.D (-2233) (-)



#46
 Tetrachloroethene
 Concen: 50.64 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion:	164	Resp:	113599
Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.2	119.2
131	88.5	64.1	119.1
166	127.5	89.4	166.0



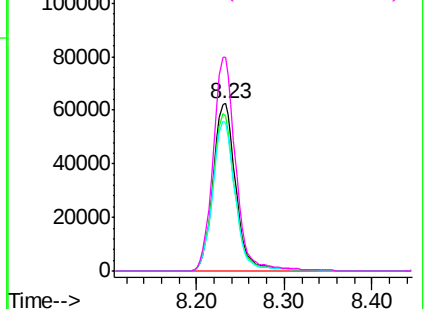
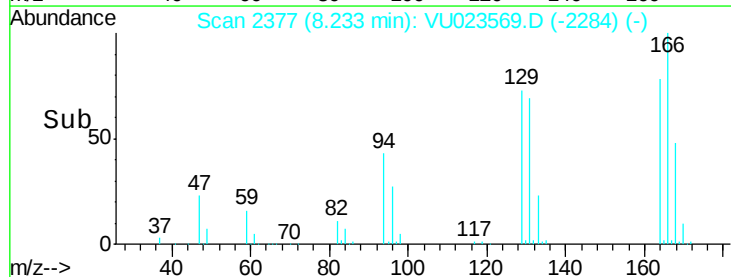
Abundance

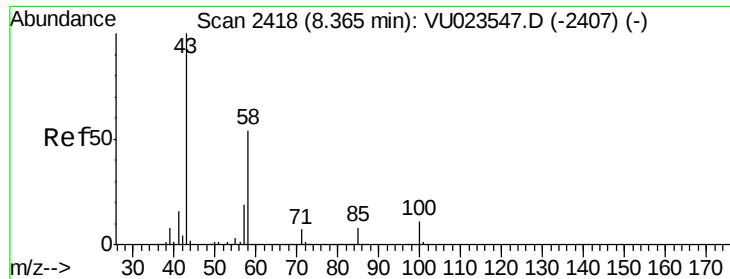
Ion 164.00 (163.70 to 164.70): VU023569.D (-2284) (-)

Ion 129.00 (128.70 to 129.70): VU023569.D (-2284) (-)

Ion 131.00 (130.70 to 131.70): VU023569.D (-2284) (-)

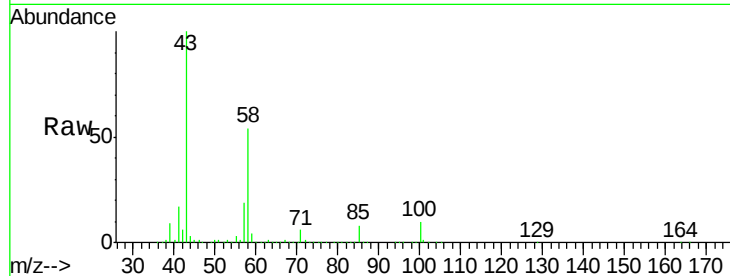
Ion 166.00 (165.70 to 166.70): VU023569.D (-2284) (-)



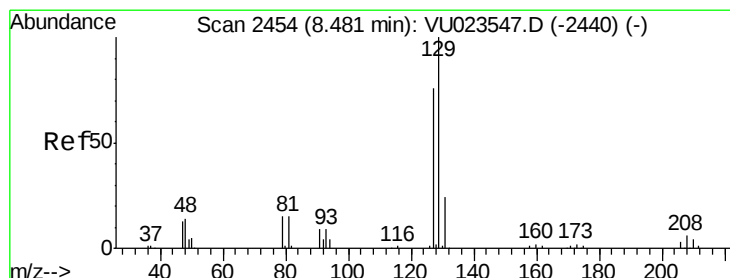
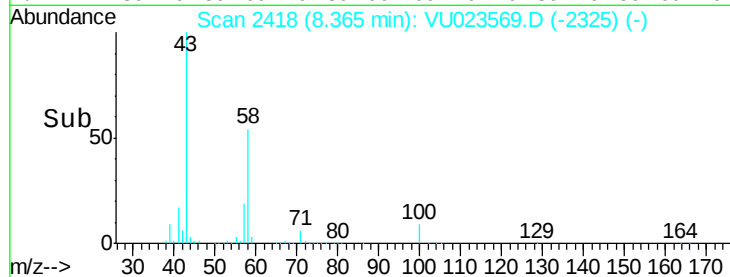
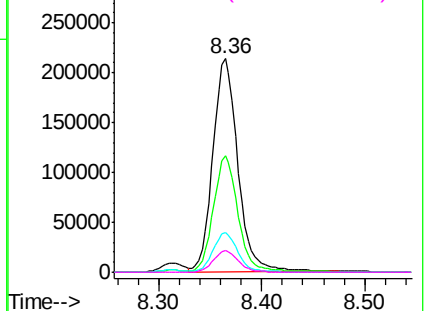


#48
2-Hexanone
Concen: 109.57 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion:	43	Resp:	358705
Ion	Ratio	Lower	Upper
43	100		
58	52.7	43.0	64.6
57	18.2	14.6	22.0
100	10.3	8.4	12.6

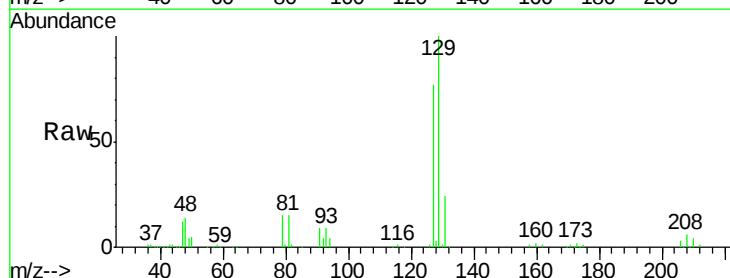


Abundance Ion 43.00 (42.70 to 43.70): VU023547.D (-2407) (-)
Ion 58.00 (57.70 to 58.70): VU023547.D (-2407) (-)
Ion 57.00 (56.70 to 57.70): VU023547.D (-2407) (-)
Ion 100.00 (99.70 to 100.70): VU023547.D (-2407) (-)

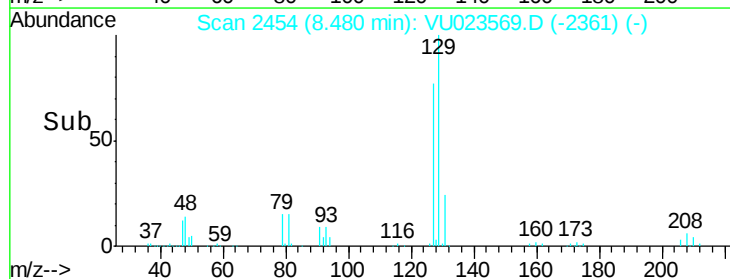
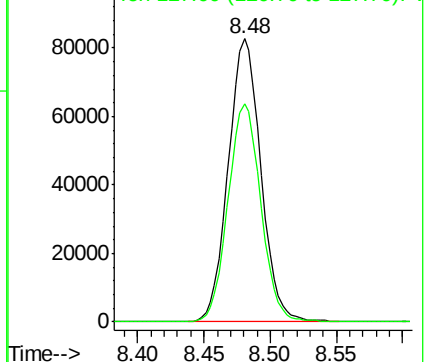


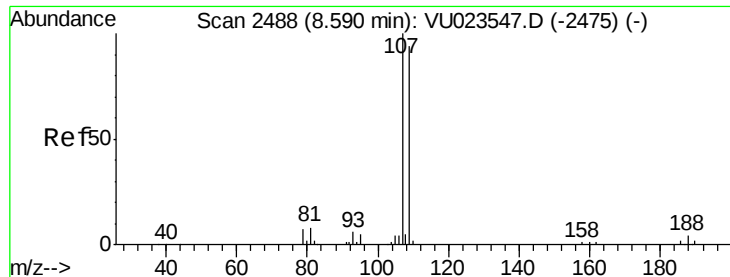
#49
Dibromochloromethane
Concen: 51.46 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion:	129	Resp:	141793
Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.3	99.1



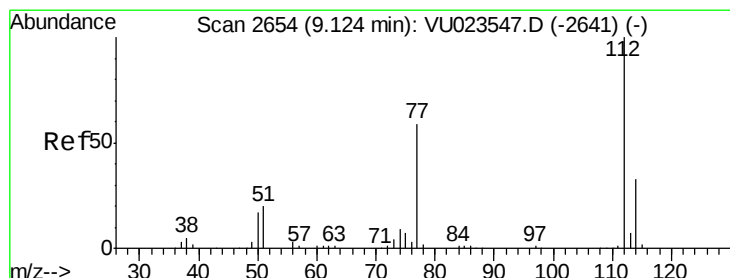
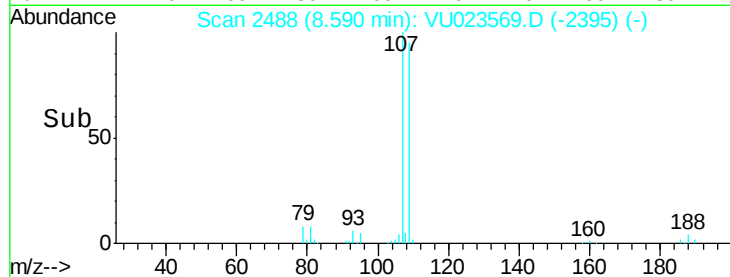
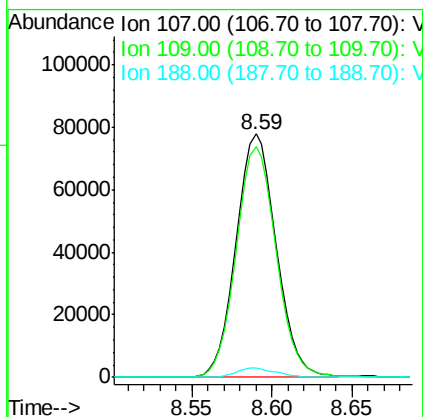
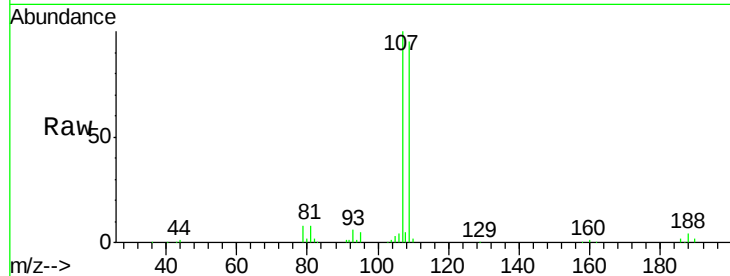
Abundance Ion 129.00 (128.70 to 129.70): VU023547.D (-2440) (-)
Ion 127.00 (126.70 to 127.70): VU023547.D (-2440) (-)





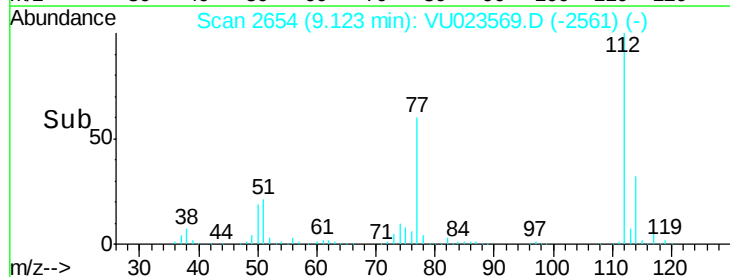
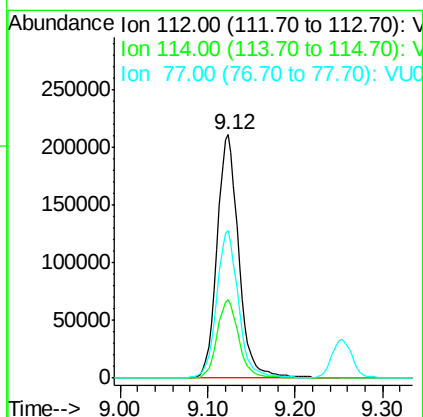
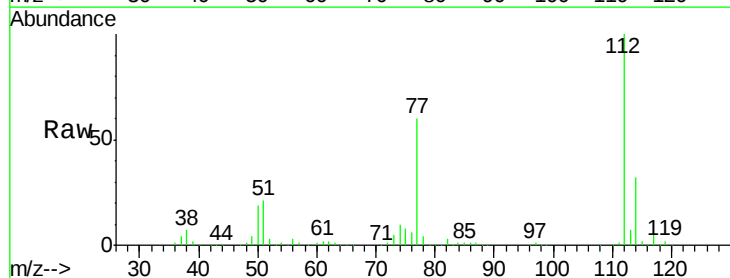
#50
1,2-Dibromoethane
Concen: 50.37 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

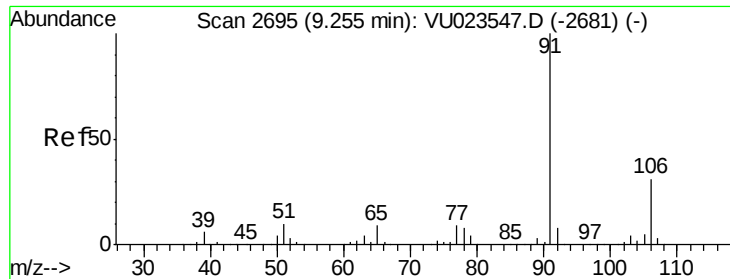
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.7	66.1	122.7
188	3.7	3.2	4.8



#51
Chlorobenzene
Concen: 48.98 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	60.4	47.5	71.3





#52

Ethylbenzene

Concen: 51.39 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023569.D

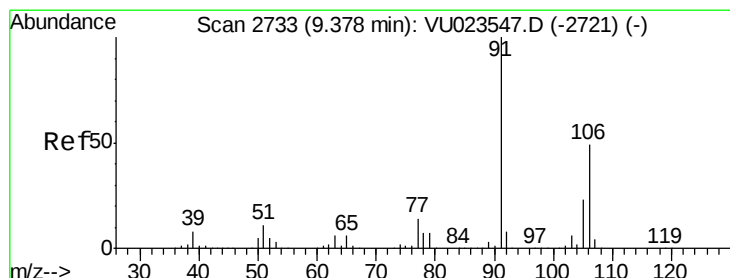
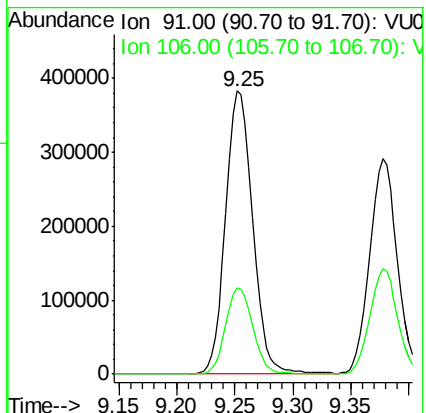
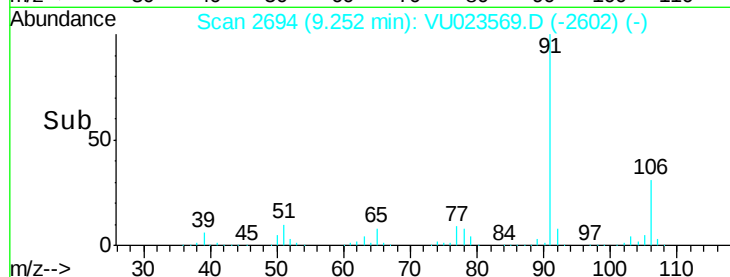
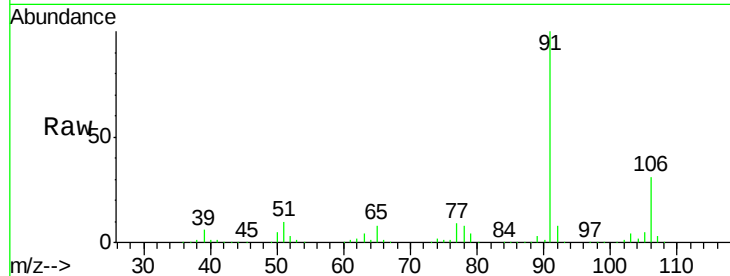
Acq: 02 May 2018 10:26

Tgt Ion: 91 Resp: 620211

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 51.93 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023569.D

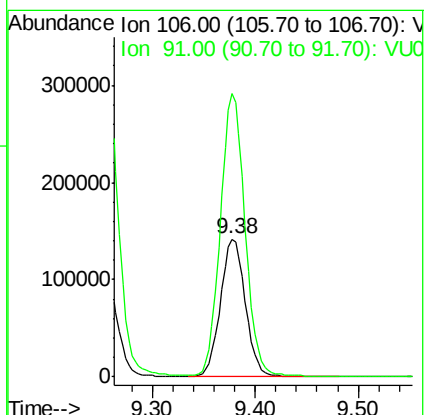
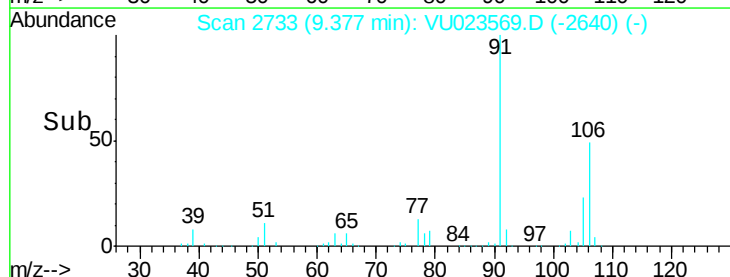
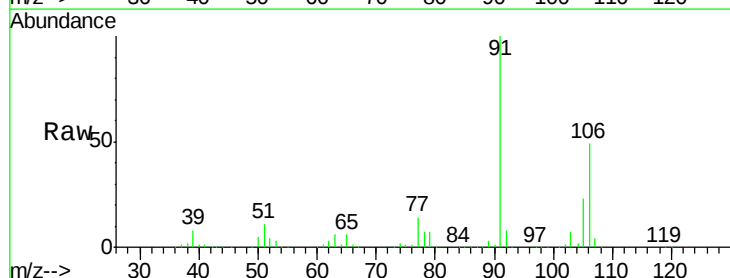
Acq: 02 May 2018 10:26

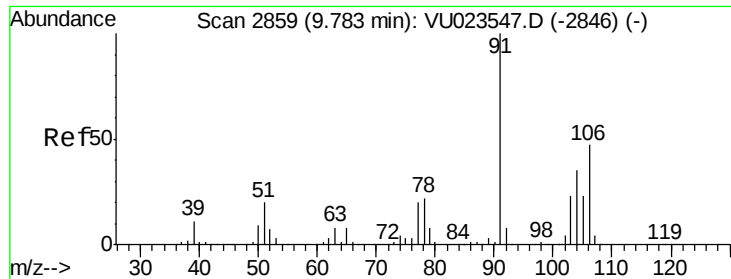
Tgt Ion: 106 Resp: 239062

Ion Ratio Lower Upper

106 100

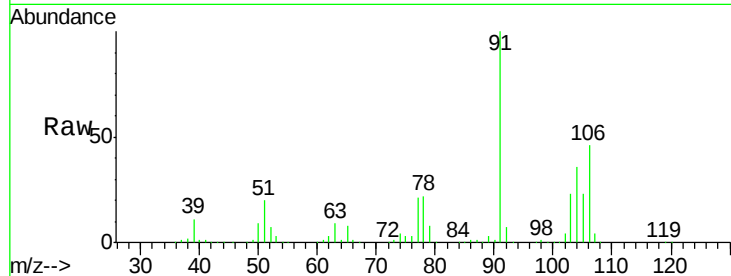
91 205.4 144.1 267.5



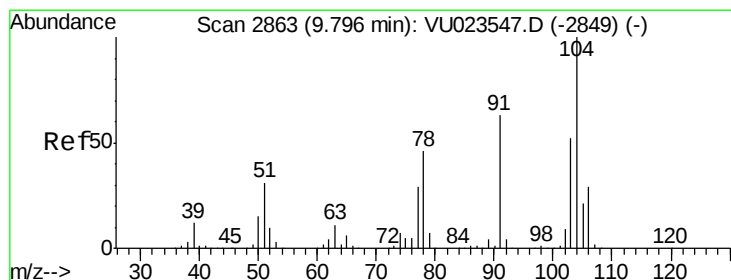
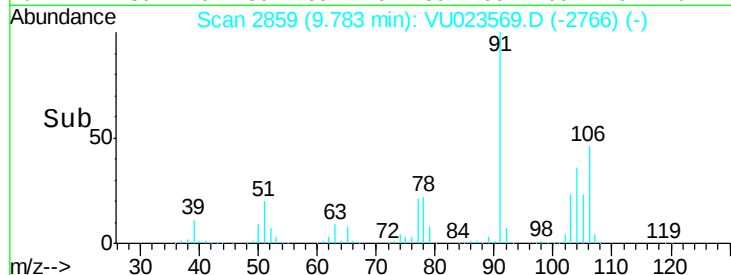
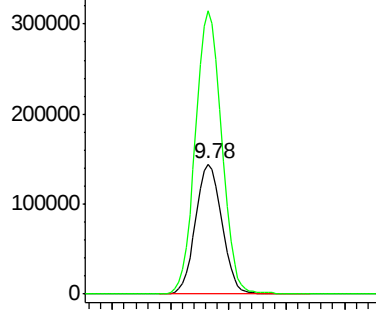


#54
o-xylene
Concen: 52.18 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion:106 Resp: 227566
Ion Ratio Lower Upper
106 100
91 217.2 148.9 276.5

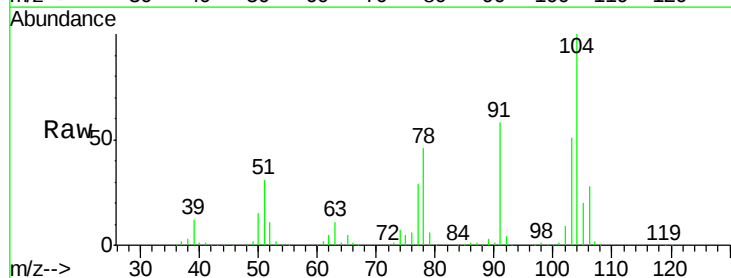


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

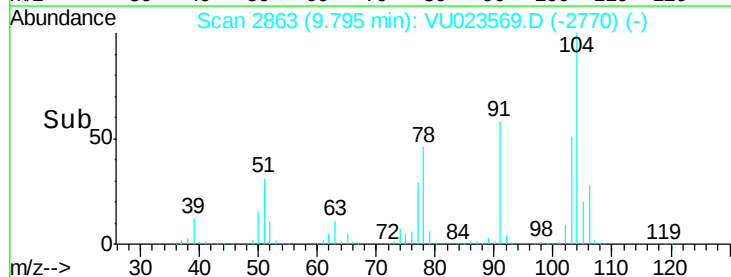
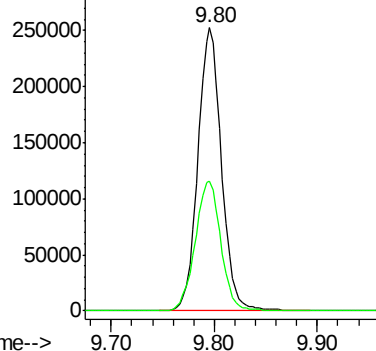


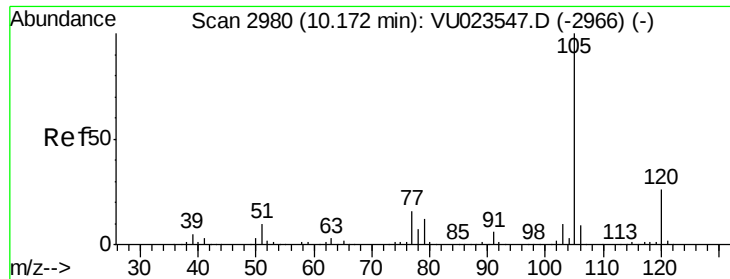
#55
Styrene
Concen: 52.66 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion:104 Resp: 401790
Ion Ratio Lower Upper
104 100
78 45.9 32.1 59.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 53.10 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

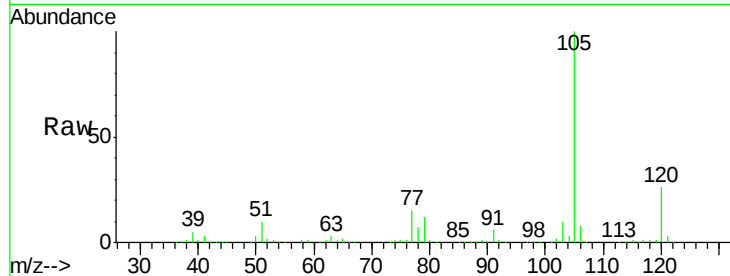
Tgt Ion: 105 Resp: 607788

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

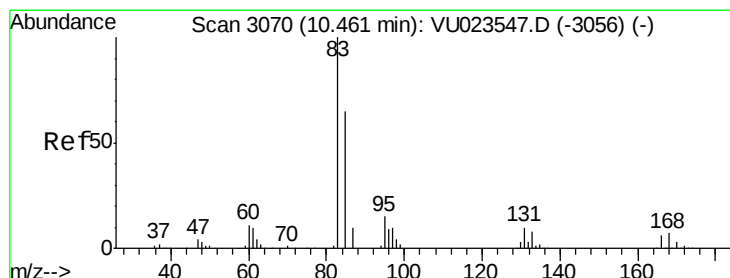
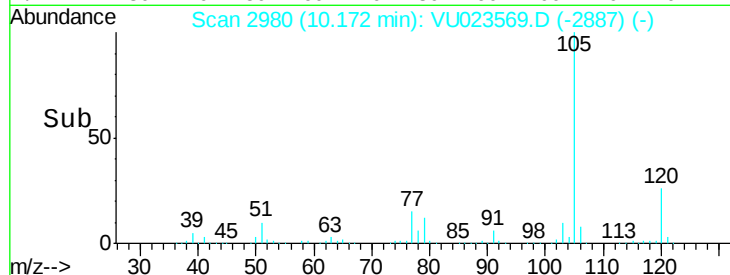
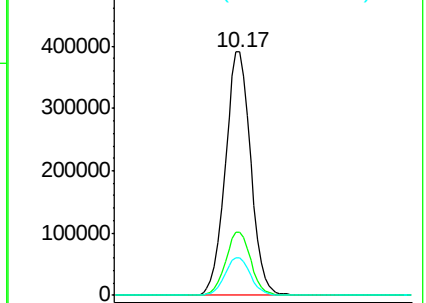
77 15.7 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 52.50 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023569.D

Acq: 02 May 2018 10:26

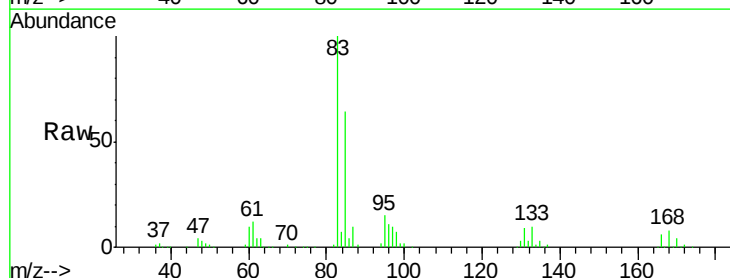
Tgt Ion: 83 Resp: 225481

Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.6

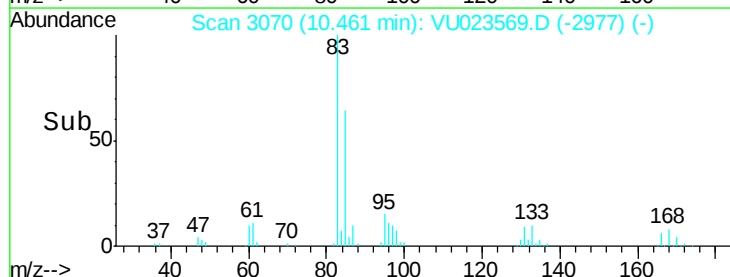
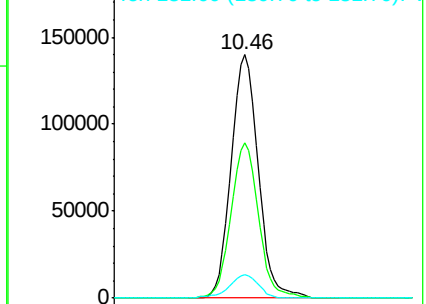
131 9.5 7.9 11.9

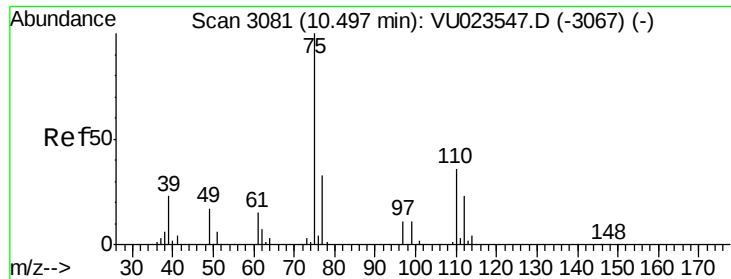


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

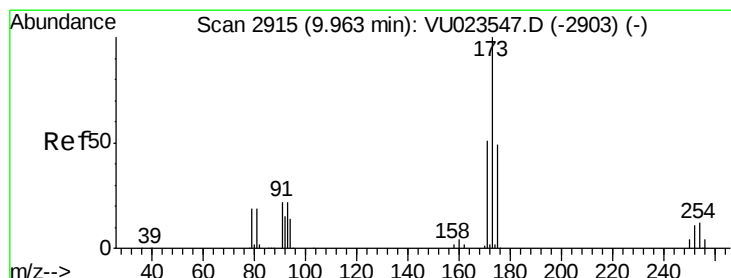
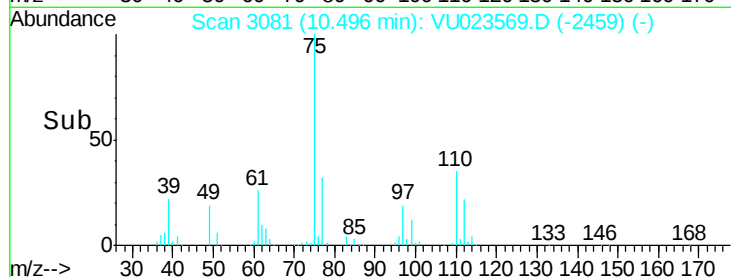
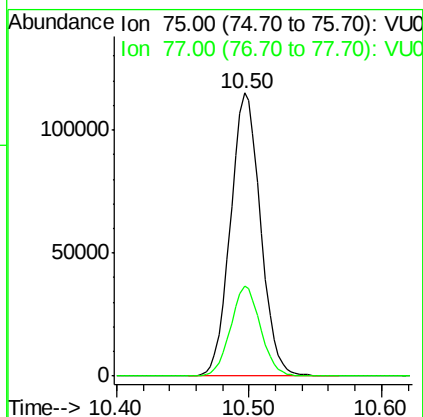
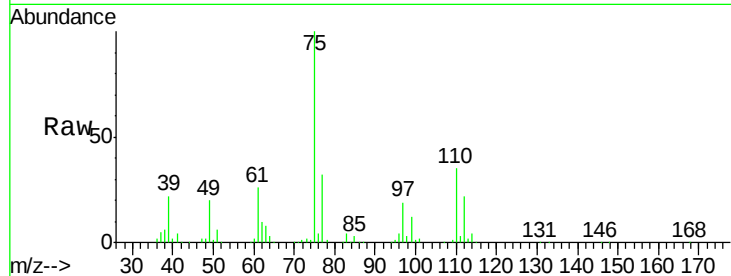
Ion 131.00 (130.70 to 131.70): V





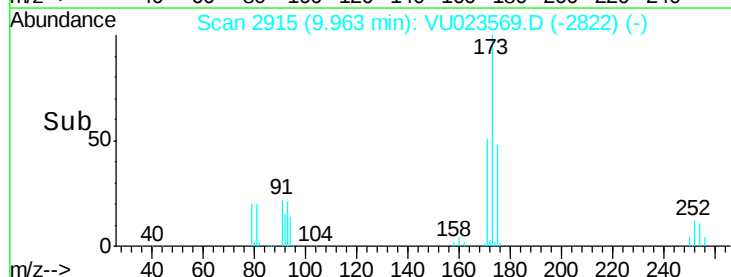
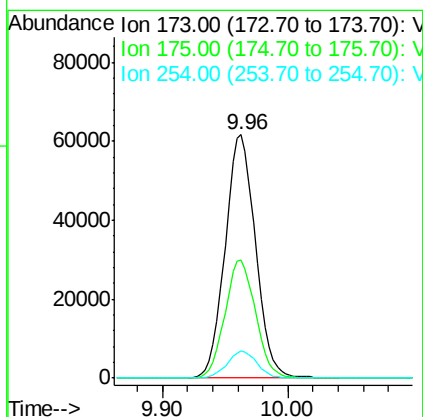
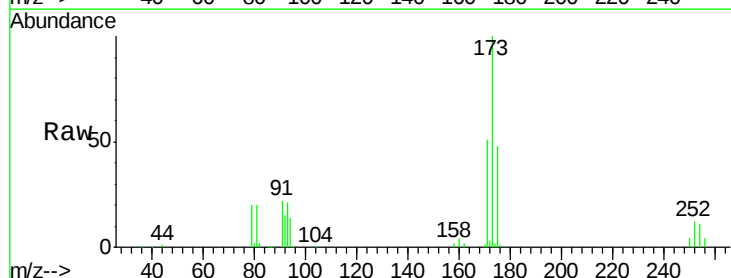
#59
 1,2,3-Trichloropropane
 Concen: 53.24 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

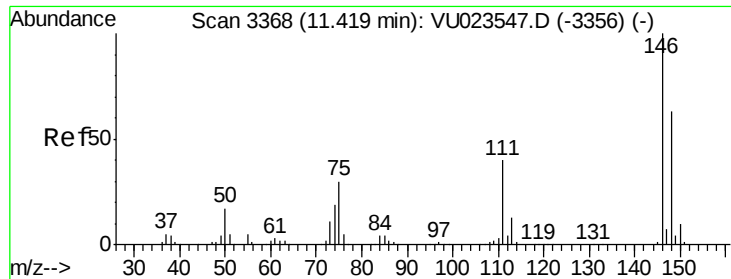
Tgt Ion: 75 Resp: 180950
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.9 38.9



#61
 Bromoform
 Concen: 52.07 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion: 173 Resp: 104199
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.4
 254 10.8 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 49.61 ug/L

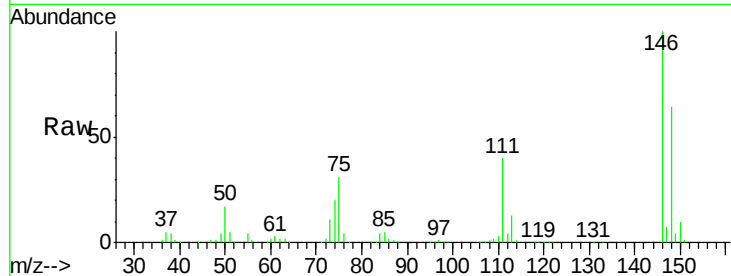
RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

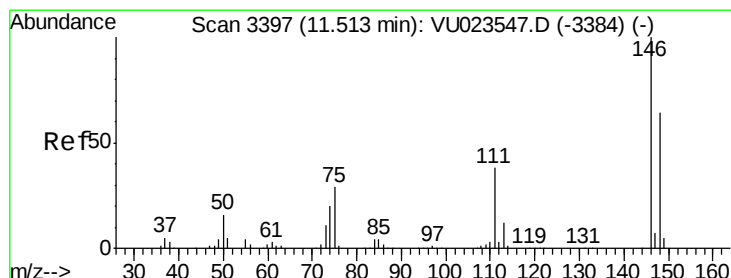
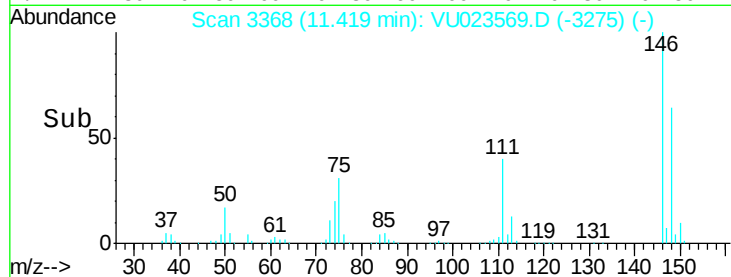
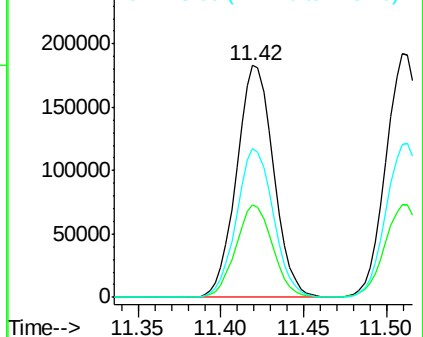
Lab File: VU023569.D

Acq: 02 May 2018 10:26

Tgt Ion:	146	Resp:	284764
Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.9	51.7
148	63.9	44.4	82.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 49.82 ug/L

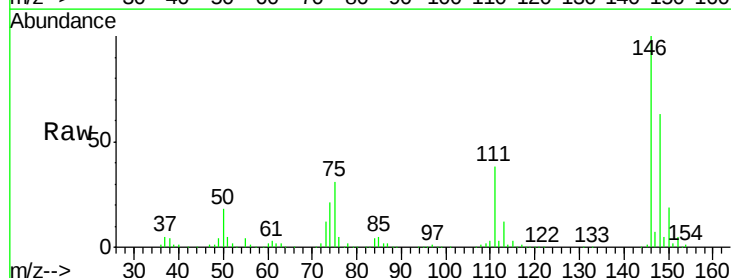
RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

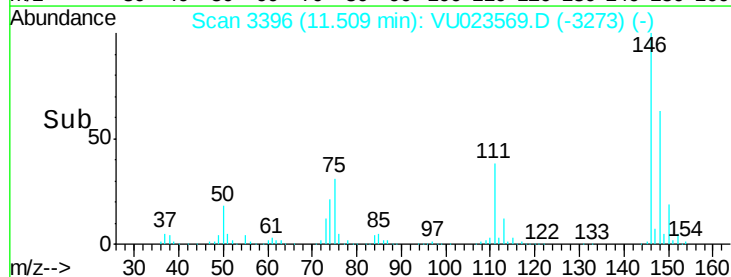
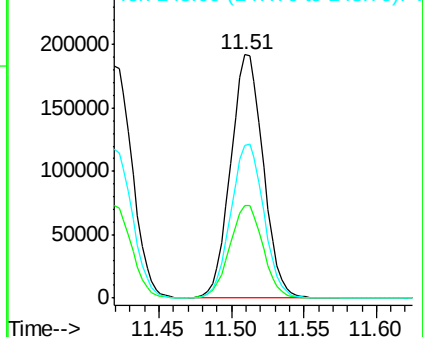
Lab File: VU023569.D

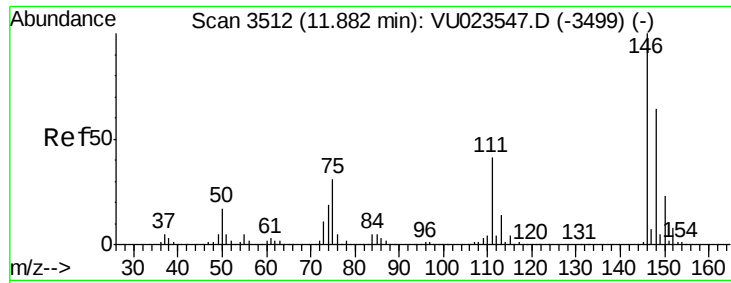
Acq: 02 May 2018 10:26

Tgt Ion:	146	Resp:	298562
Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.8	49.8
148	62.7	44.8	83.2



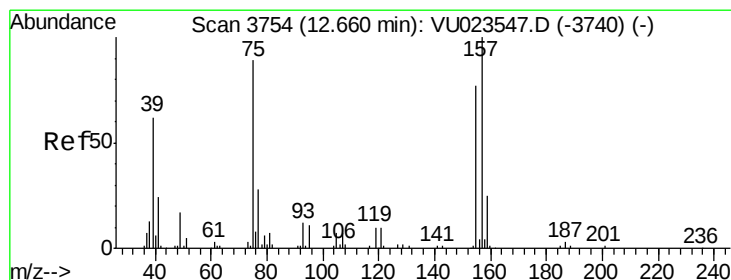
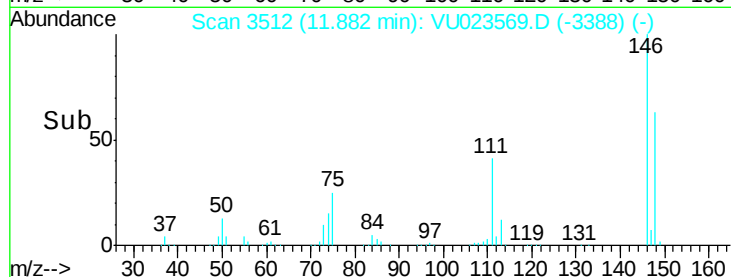
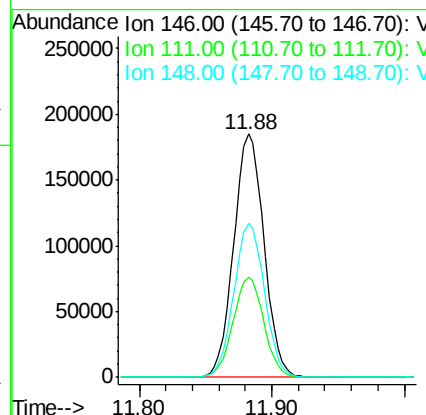
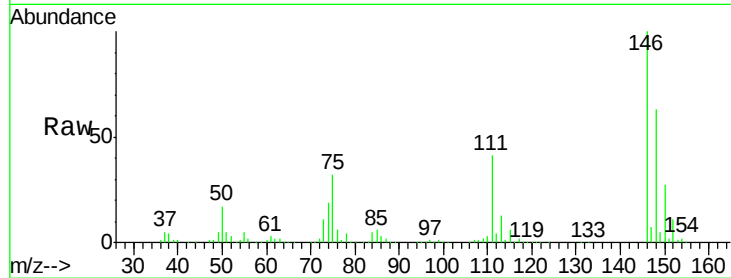
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





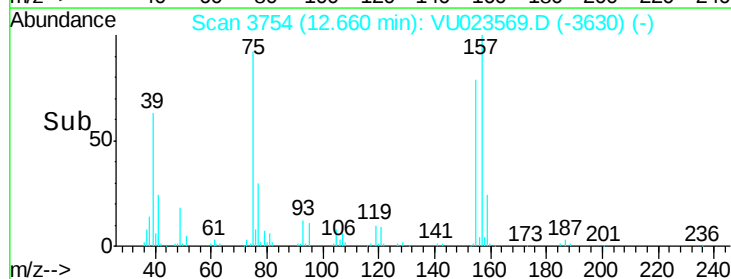
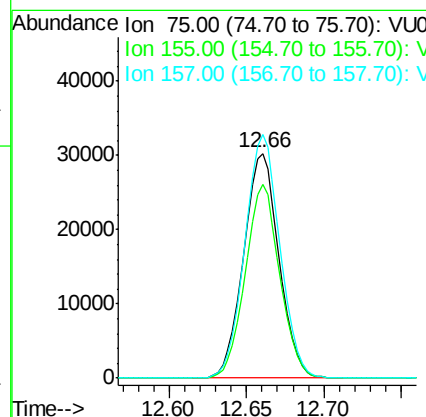
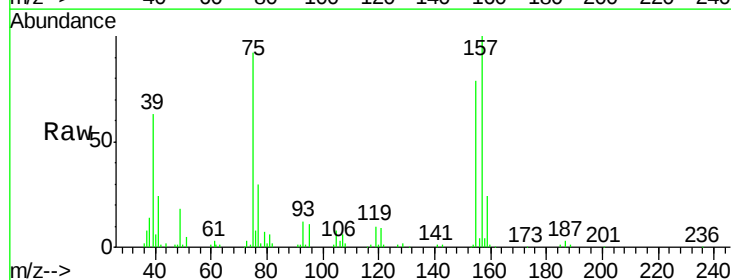
#65
 1,2-Dichlorobenzene
 Concen: 49.96 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

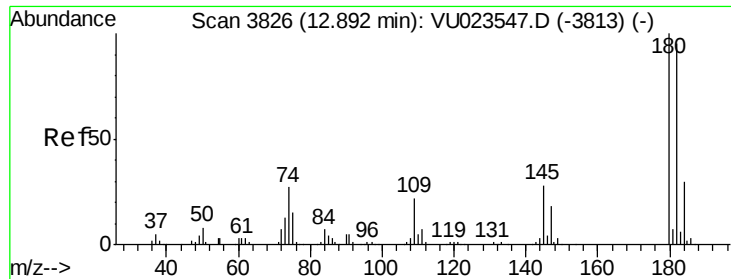
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	32.9	49.3
148	63.3	51.0	76.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 56.34 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

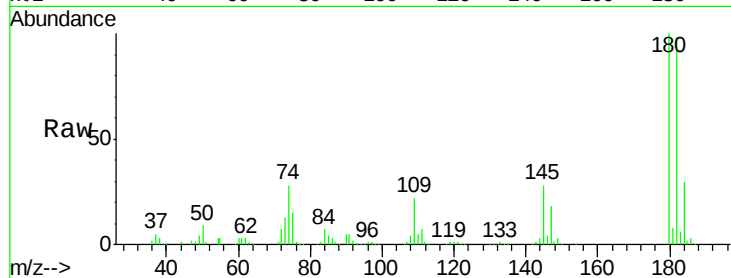
Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	68.9	103.3
157	108.5	89.9	134.9





#67
 1,3,5-Trichlorobenzene
 Concen: 49.42 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.5	114.7
184	30.3	24.1	36.1
145	28.3	22.2	33.4

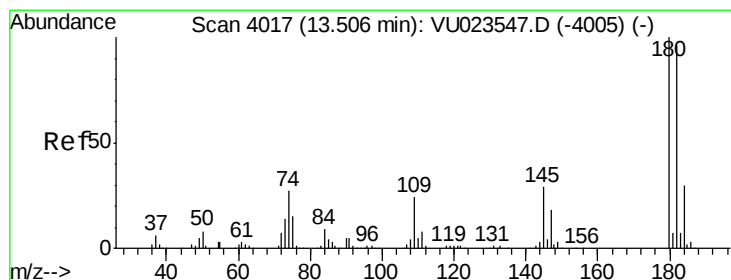
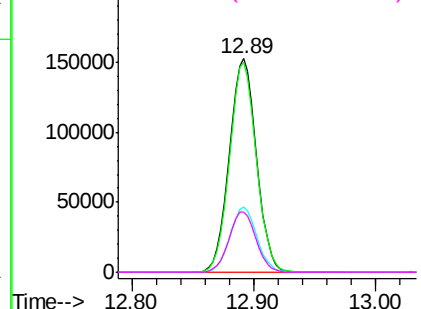
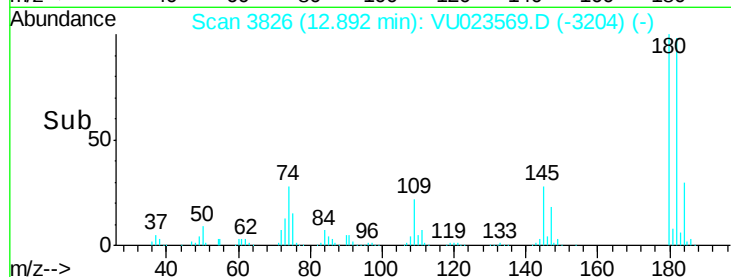


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

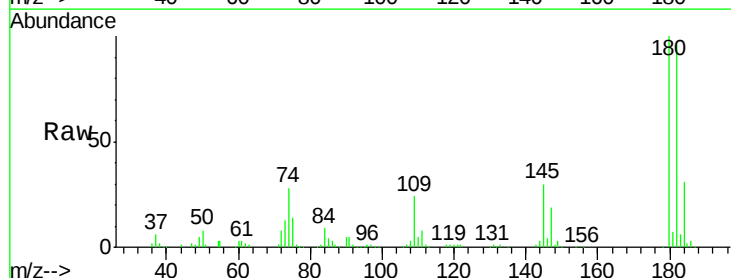
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 50.92 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023569.D
 Acq: 02 May 2018 10:26

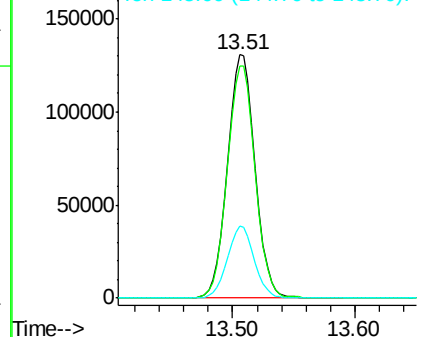
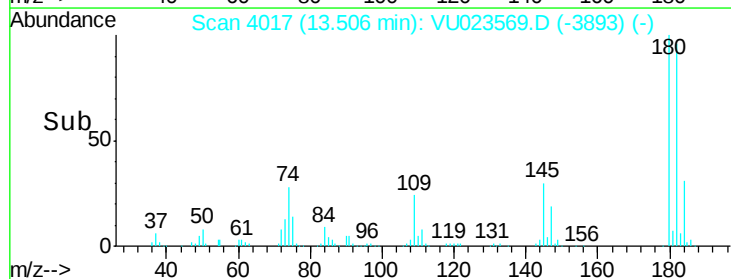
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.1	115.7
145	28.7	23.4	35.0

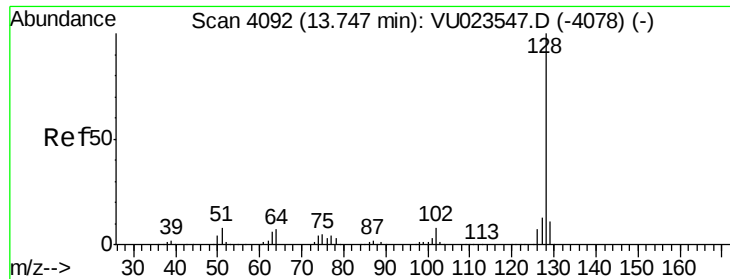


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

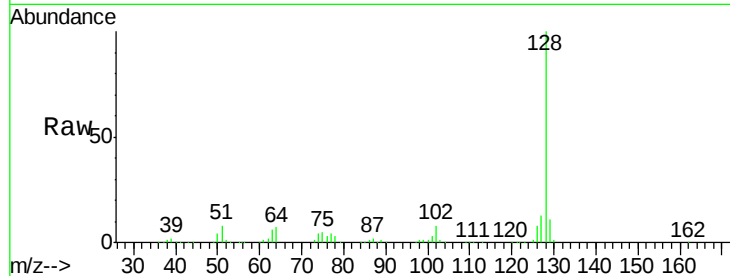
Ion 145.00 (144.70 to 145.70): V



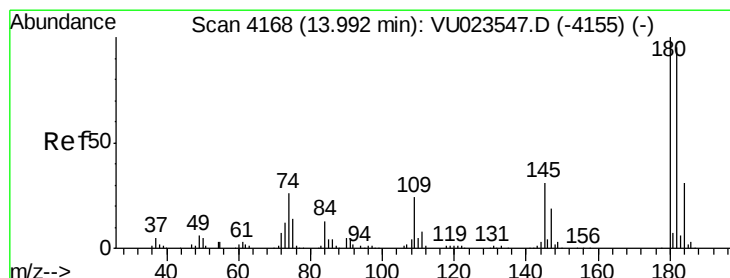
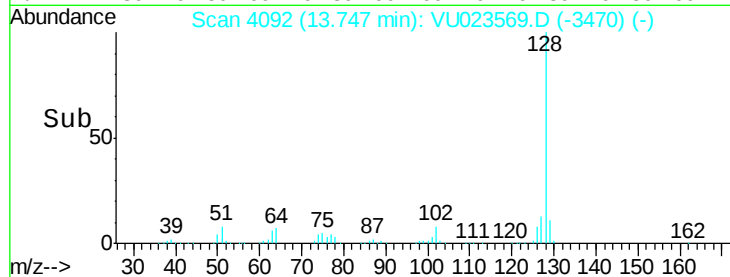
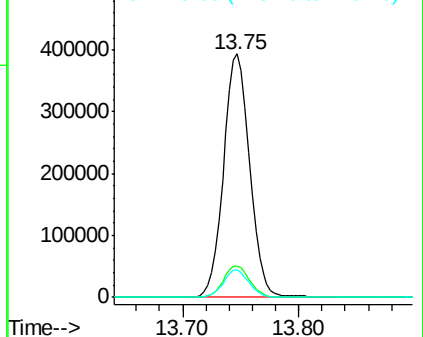


#69
Naphthalene
Concen: 57.50 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion:128 Resp: 616196
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

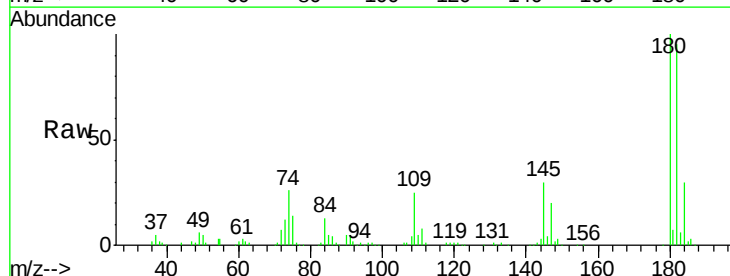


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 52.53 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023569.D
Acq: 02 May 2018 10:26

Tgt Ion:180 Resp: 218581
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 30.2 24.3 36.5



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

