

Data File : VU032679.D
Acq On : 13 Jun 2019 08:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 01:25:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	160726	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	153100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53361	51.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.34%
7) Chloroethane-d5	1.67	69	42923	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.27	63	106486	52.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.32%
21) 2-Butanone-d5	4.17	46	92569	106.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.64	84	105997	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.30	65	69964	57.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.22%
32) Benzene-d6	5.33	84	203498	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	64962	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.24%
41) Toluene-d8	7.56	98	189516	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.85	79	31386	52.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.24%
47) 2-Hexanone-d5	8.31	63	53353	88.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.26%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	92267	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	79893	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	76343	52.687 ug/L	99
3) Chloromethane	1.32	50	66515	47.506 ug/L	98
5) Vinyl chloride	1.40	62	68036	48.645 ug/L	98
6) Bromomethane	1.62	94	37992	45.582 ug/L	100
8) Chloroethane	1.69	64	40397	48.592 ug/L	97
9) Trichlorofluoromethane	1.88	101	97441	51.594 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	54434	55.420 ug/L	99
12) 1,1-Dichloroethene	2.28	96	49146	51.532 ug/L	96
13) Acetone	2.32	43	99207	110.179 ug/L	97
14) Carbon disulfide	2.47	76	143652	49.574 ug/L	98
15) Methyl Acetate	2.61	43	68691	53.432 ug/L	100
16) Methylene chloride	2.69	84	57720	53.041 ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	53497	51.764 ug/L	99
18) Methyl tert-butyl Ether	2.99	73	172674	50.857 ug/L	99
19) 1,1-Dichloroethane	3.44	63	101504	53.876 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	60312	51.566 ug/L	96
22) 2-Butanone	4.25	43	113062	106.242 ug/L	99

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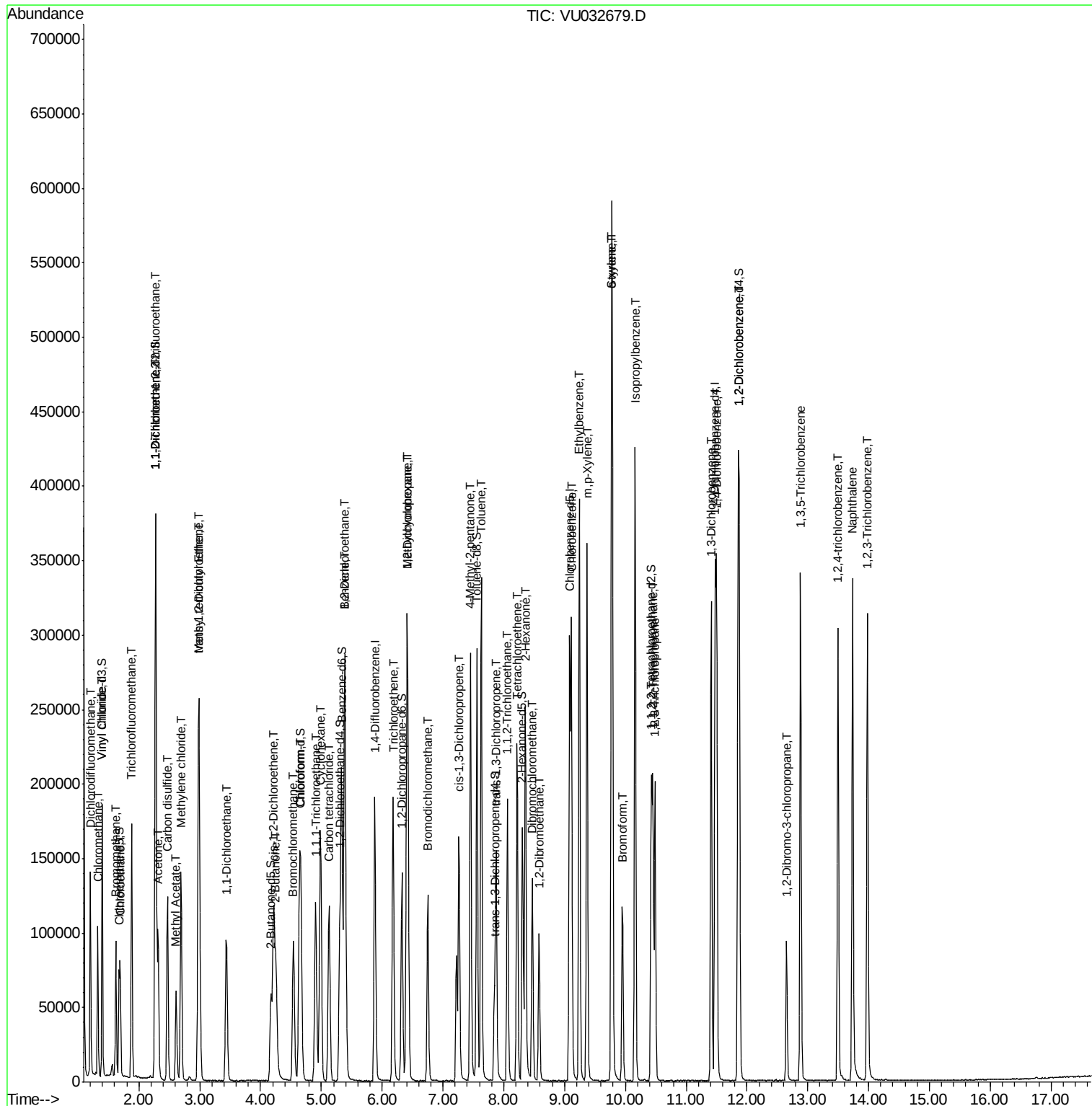
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	31028	51.021	ug/L	92
25) Chloroform	4.67	83	106213	54.631	ug/L	98
27) 1,2-Dichloroethane	5.40	62	85522	55.643	ug/L	98
29) Cyclohexane	4.99	56	89372	49.078	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	91627	52.867	ug/L	97
31) Carbon tetrachloride	5.13	117	84010	52.887	ug/L	99
33) Benzene	5.38	78	222136	51.640	ug/L	100
34) Trichloroethene	6.18	95	62655	53.537	ug/L	98
35) Methylcyclohexane	6.41	83	94540	49.900	ug/L	99
37) 1,2-Dichloropropane	6.42	63	60348	52.923	ug/L	99
38) Bromodichloromethane	6.75	83	80090	54.547	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	89434	49.709	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	191892	104.603	ug/L	98
42) Toluene	7.63	91	241687	51.303	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	83145	52.067	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	56084	52.011	ug/L	98
46) Tetrachloroethene	8.22	164	49556	51.269	ug/L	98
48) 2-Hexanone	8.36	43	160625	106.604	ug/L	97
49) Dibromochloromethane	8.47	129	67567	53.909	ug/L	99
50) 1,2-Dibromoethane	8.58	107	63356	52.199	ug/L	98
51) Chlorobenzene	9.11	112	156144	51.445	ug/L	99
52) Ethylbenzene	9.24	91	268362	51.106	ug/L	98
53) m,p-Xylene	9.37	106	100778	50.471	ug/L	99
54) o-xylene	9.77	106	97512	49.185	ug/L	98
55) Styrene	9.79	104	169340	51.164	ug/L	98
56) Isopropylbenzene	10.16	105	266271	50.934	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	91912	49.871	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	77587	52.340	ug/L	99
61) Bromoform	9.95	173	51405	52.501	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	126699	50.994	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	130144	51.235	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	131219	52.238	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	22108	52.310	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	105451	54.551	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	92681	56.594	ug/L	99
69) Naphthalene	13.74	128	274812	53.201	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	97899	57.441	ug/L	100

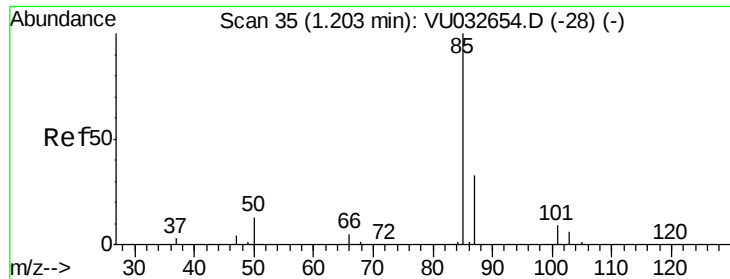
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 52.687 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU032679.D

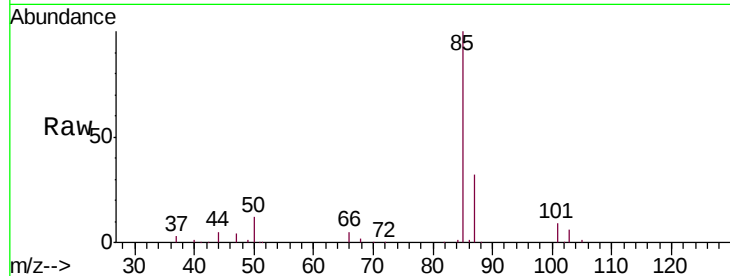
Acq: 13 Jun 2019 08:50

Tgt Ion: 85 Resp: 76343

Ion Ratio Lower Upper

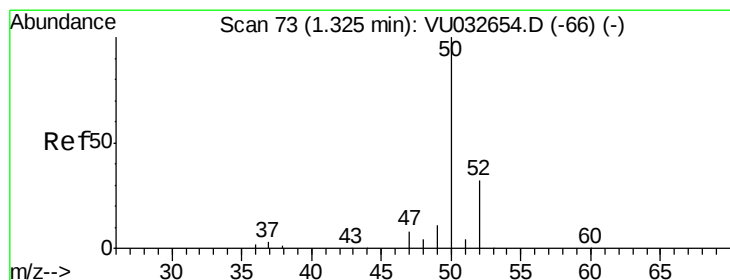
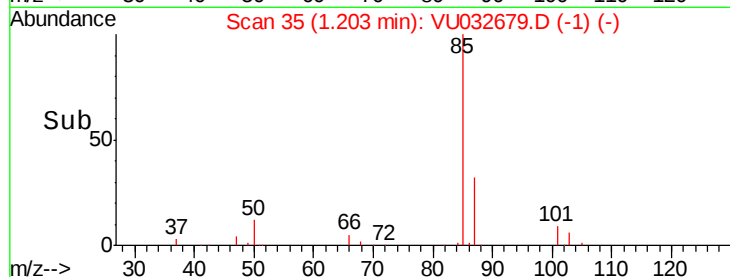
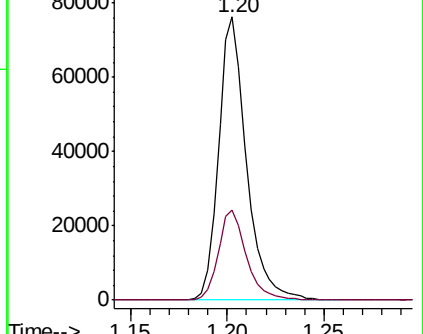
85 100

87 32.1 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU032654.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032654.D (-28) (-)



#3

Chloromethane

Concen: 47.506 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032679.D

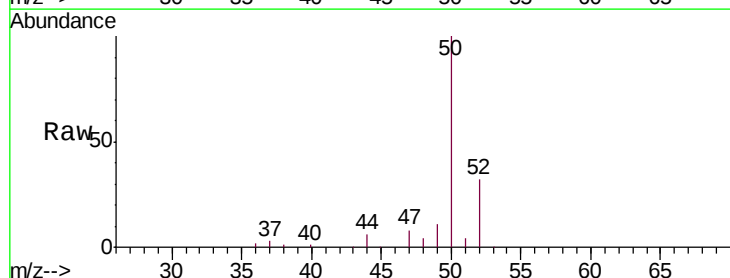
Acq: 13 Jun 2019 08:50

Tgt Ion: 50 Resp: 66515

Ion Ratio Lower Upper

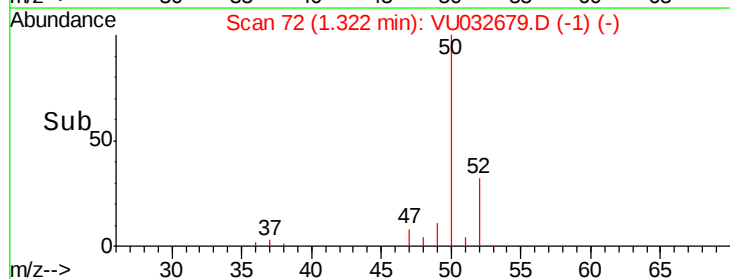
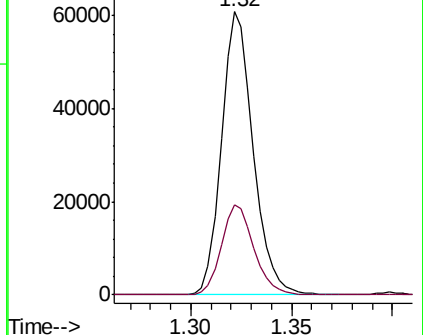
50 100

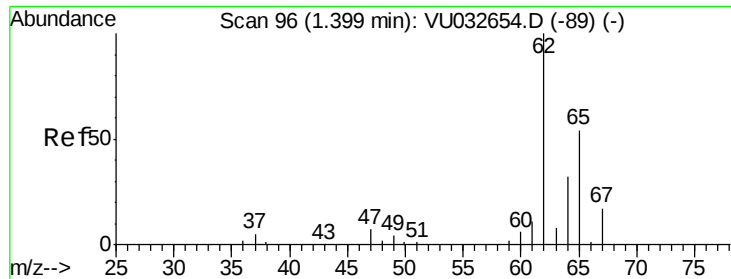
52 31.9 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032654.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU032654.D (-66) (-)





#5

Vinyl chloride

Concen: 48.645 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032679.D

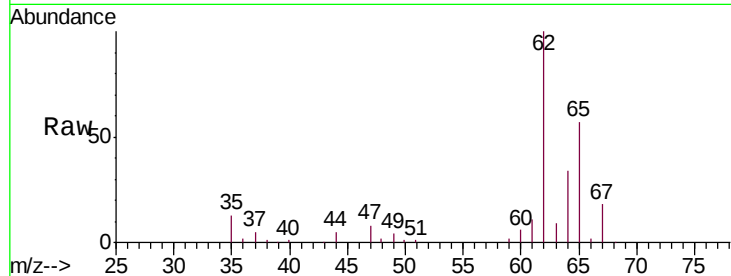
Acq: 13 Jun 2019 08:50

Tgt Ion: 62 Resp: 68036

Ion Ratio Lower Upper

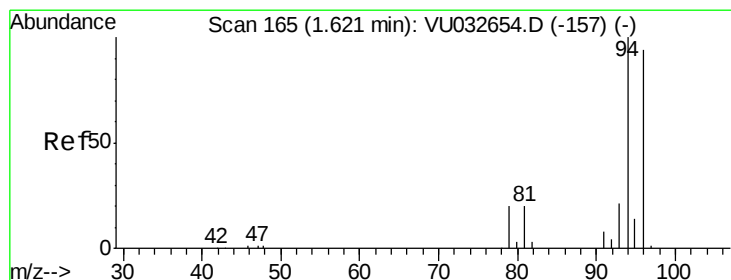
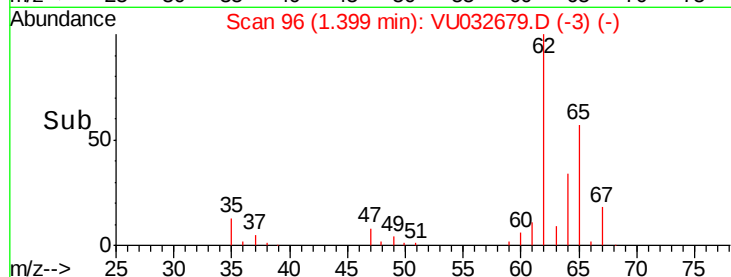
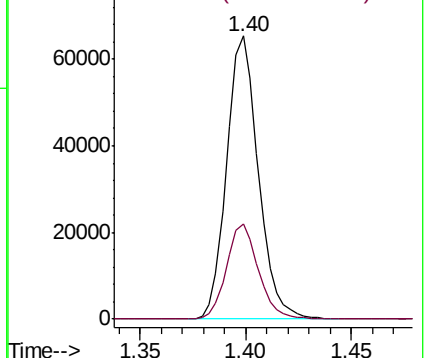
62 100

64 33.5 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 45.582 ug/L

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU032679.D

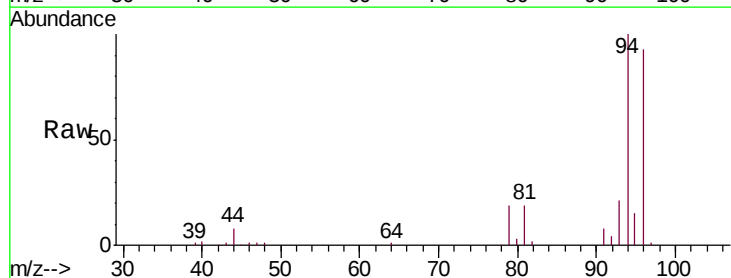
Acq: 13 Jun 2019 08:50

Tgt Ion: 94 Resp: 37992

Ion Ratio Lower Upper

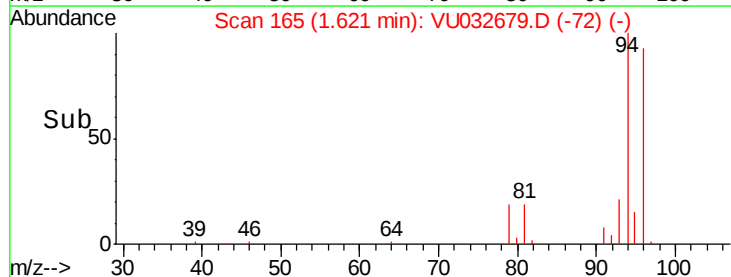
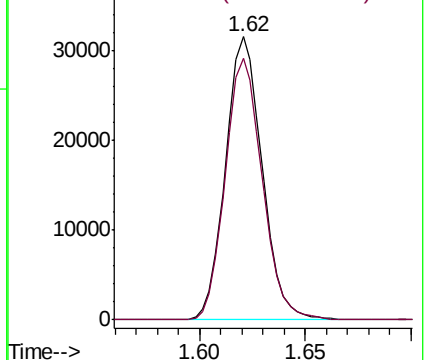
94 100

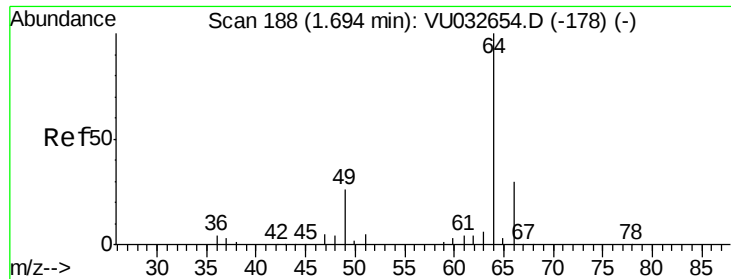
96 92.6 64.7 120.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 48.592 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU032679.D

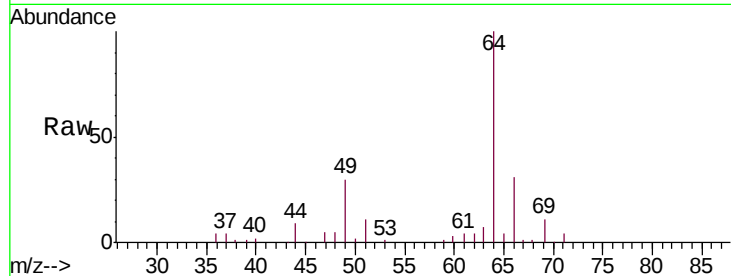
Acq: 13 Jun 2019 08:50

Tgt Ion: 64 Resp: 40397

Ion Ratio Lower Upper

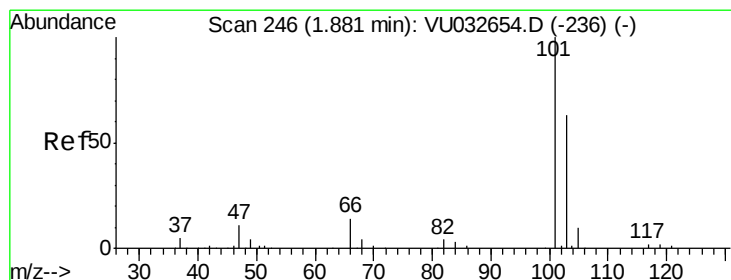
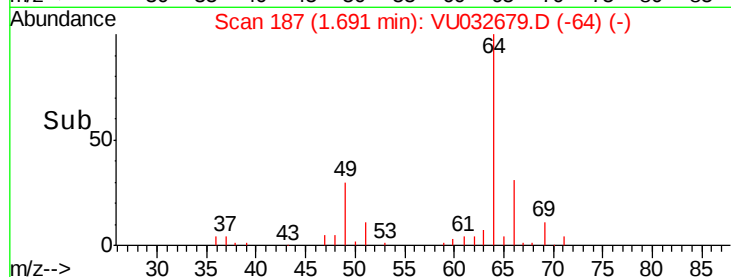
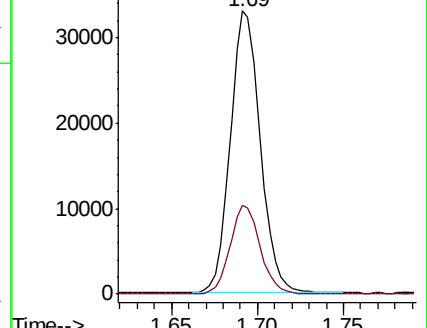
64 100

66 31.2 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VU032679.D (-64) (-)

Ion 66.00 (65.70 to 66.70): VU032679.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 51.594 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU032679.D

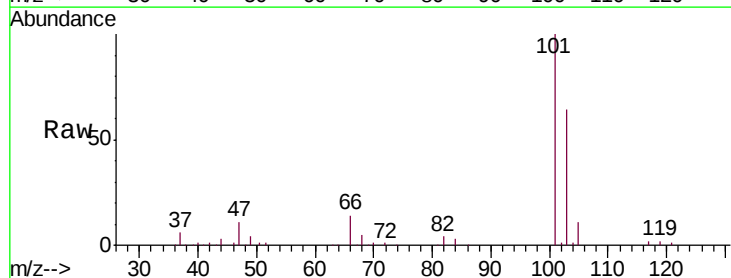
Acq: 13 Jun 2019 08:50

Tgt Ion:101 Resp: 97441

Ion Ratio Lower Upper

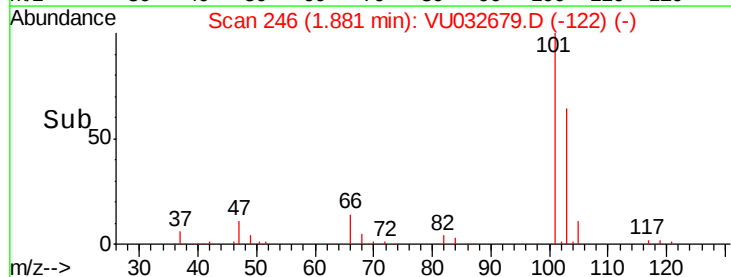
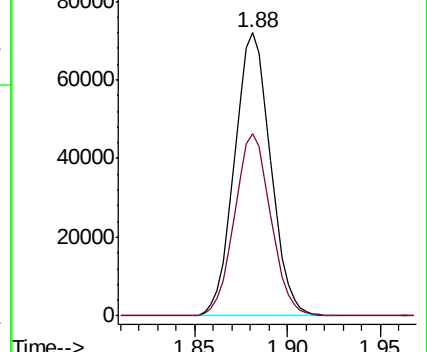
101 100

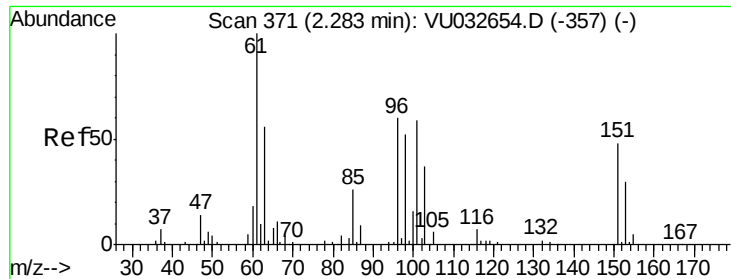
103 64.7 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VU032679.D (-101) (-)

Ion 103.00 (102.70 to 103.70): VU032679.D (-103) (-)





#10

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

Concen: 55.420 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

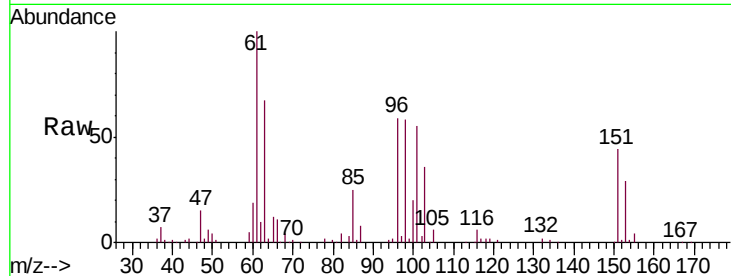
Tgt Ion: 101 Resp: 54434

Ion Ratio Lower Upper

101 100

85 45.2 36.1 54.1

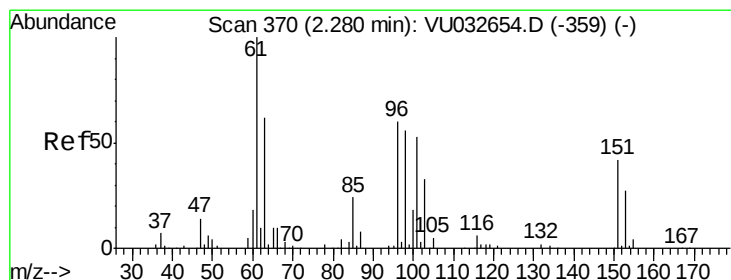
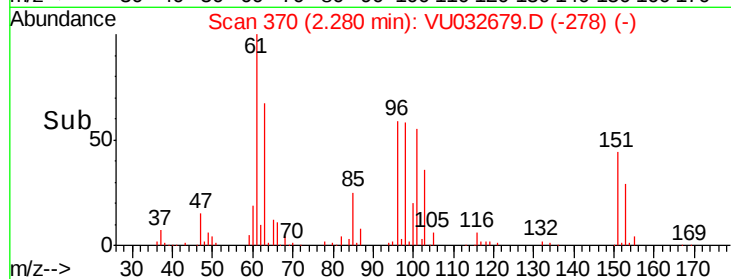
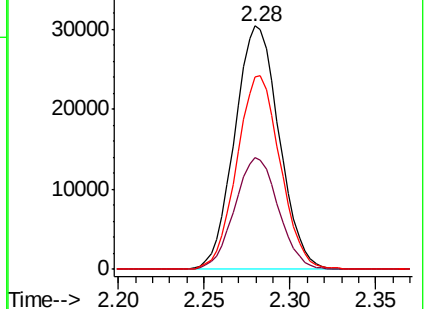
151 77.9 63.0 94.4



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: 51.532 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

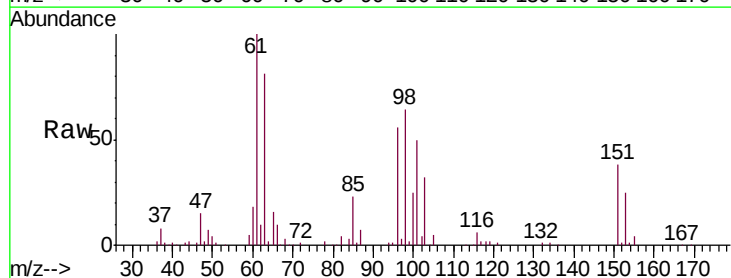
Tgt Ion: 96 Resp: 49146

Ion Ratio Lower Upper

96 100

61 177.5 129.5 240.5

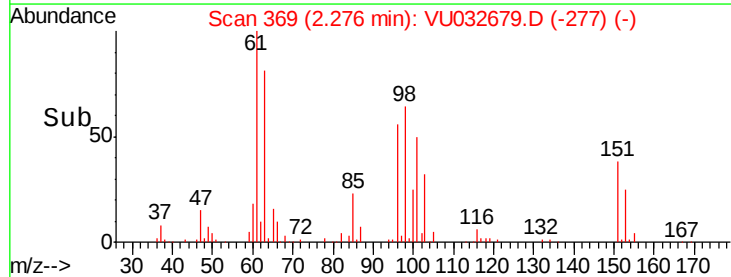
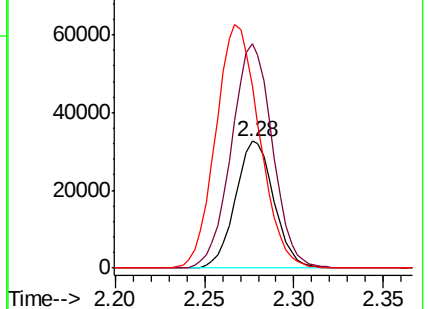
63 143.8 103.4 192.0

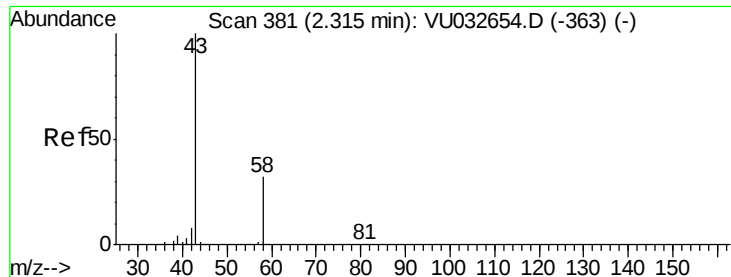


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 110.179 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032679.D

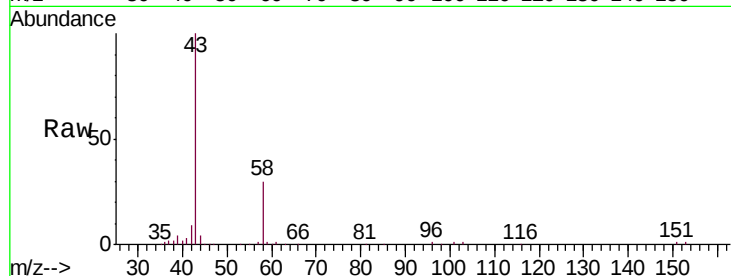
Acq: 13 Jun 2019 08:50

Tgt Ion: 43 Resp: 99207

Ion Ratio Lower Upper

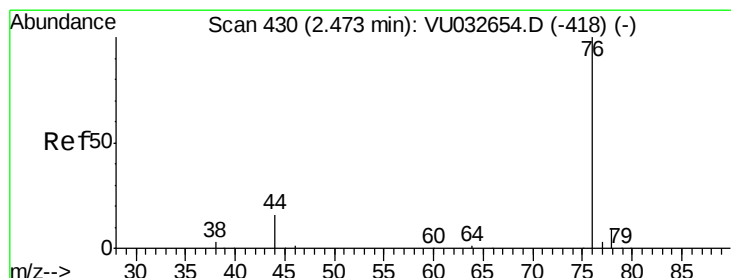
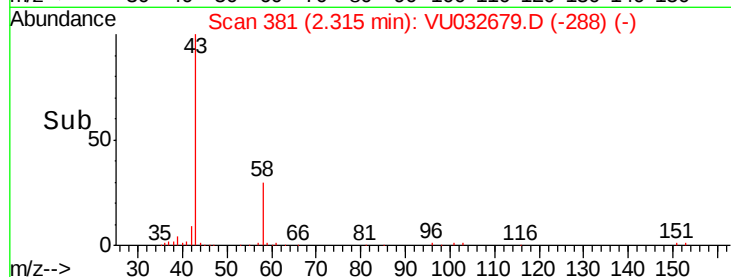
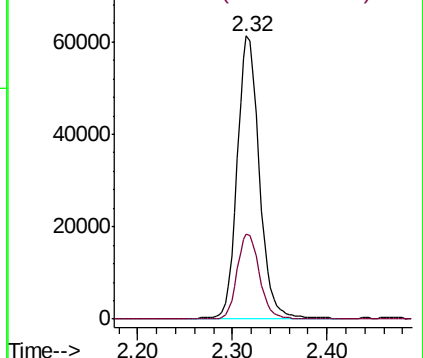
43 100

58 30.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032679.D

Ion 58.00 (57.70 to 58.70): VU032679.D



#14

Carbon disulfide

Concen: 49.574 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032679.D

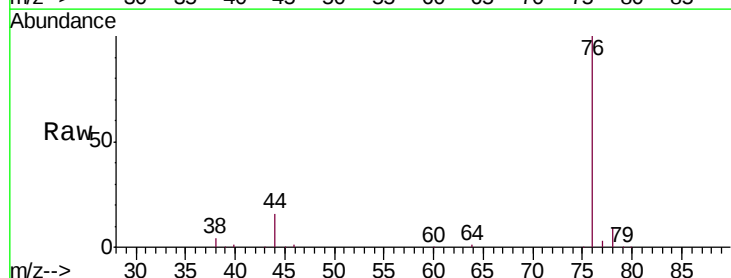
Acq: 13 Jun 2019 08:50

Tgt Ion: 76 Resp: 143652

Ion Ratio Lower Upper

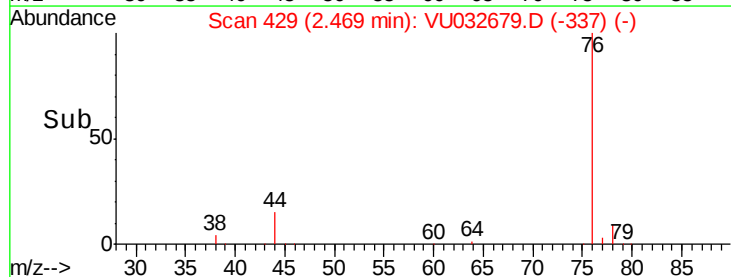
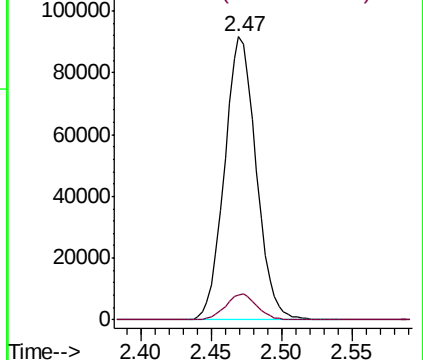
76 100

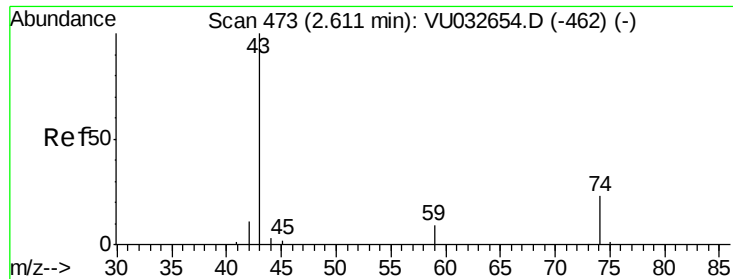
78 8.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VU032679.D

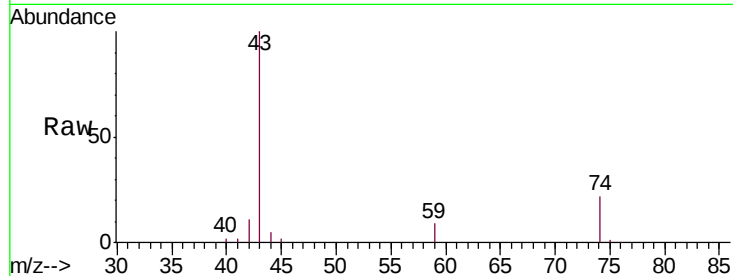
Ion 78.00 (77.70 to 78.70): VU032679.D



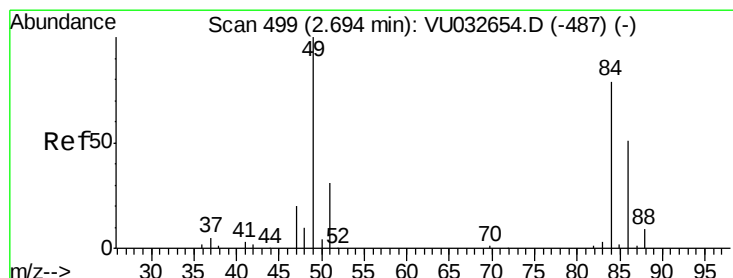
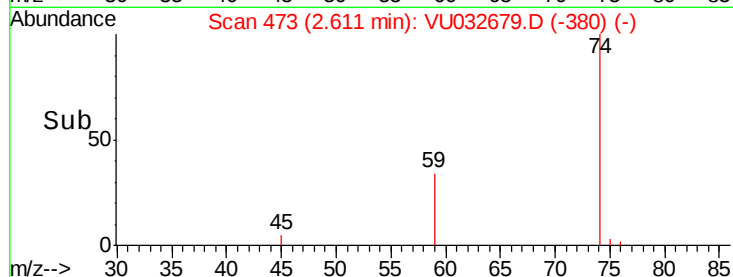
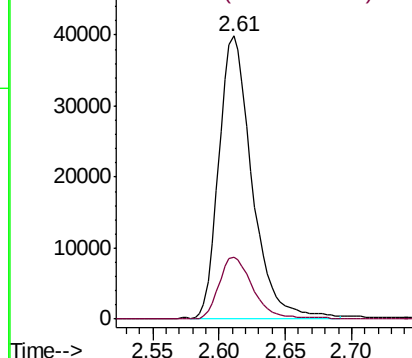


#15
Methyl Acetate
Concen: 53.432 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion: 43 Resp: 68691
Ion Ratio Lower Upper
43 100
74 22.6 18.0 27.0

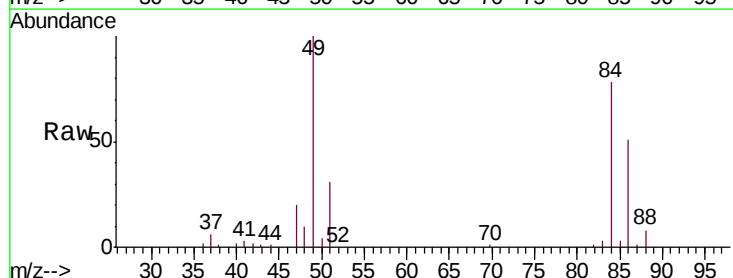


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

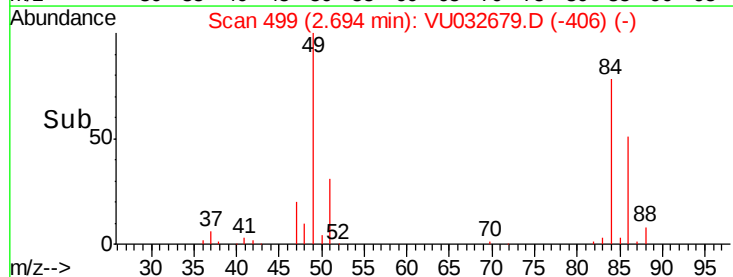
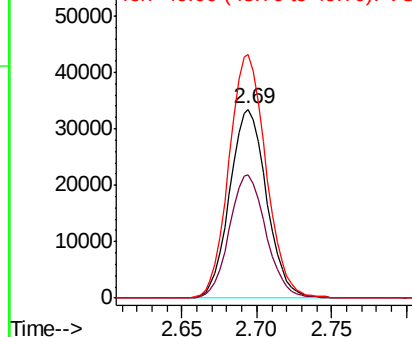


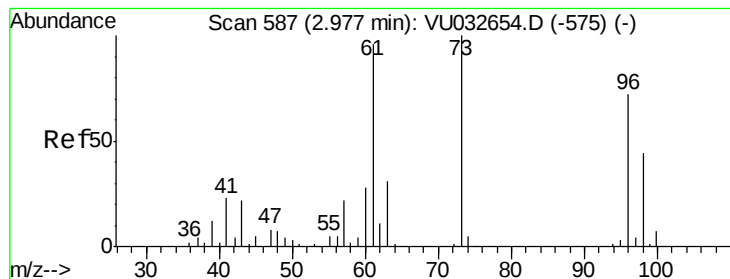
#16
Methylene chloride
Concen: 53.041 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion: 84 Resp: 57720
Ion Ratio Lower Upper
84 100
86 65.5 44.7 82.9
49 128.8 86.1 159.9



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: 51.764 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

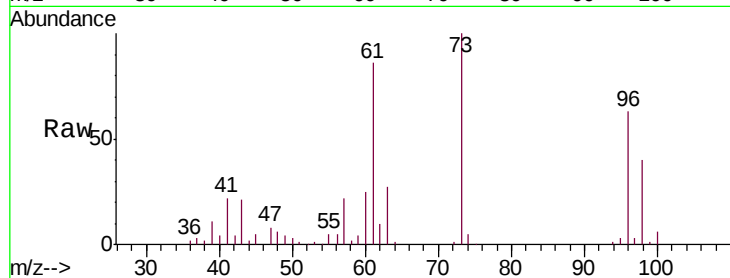
Tgt Ion: 96 Resp: 53497

Ion Ratio Lower Upper

96 100

61 137.6 95.7 177.7

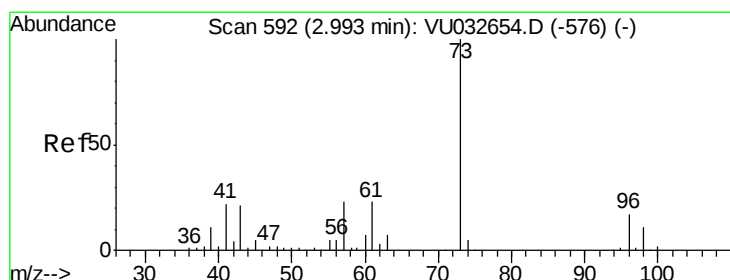
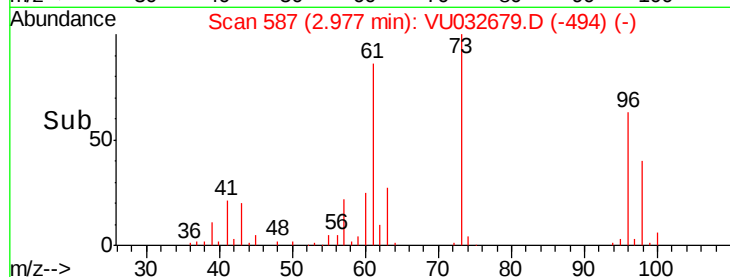
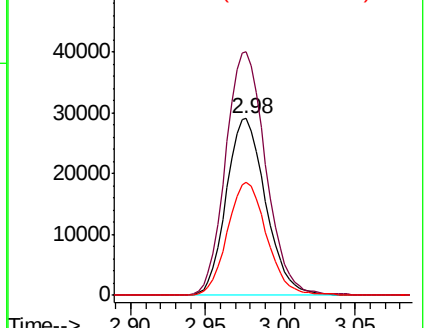
98 64.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU032679.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU032679.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU032679.D (-494) (-)



#18

Methyl tert-butyl Ether

Concen: 50.857 ug/L

RT: 2.99 min Scan# 591

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

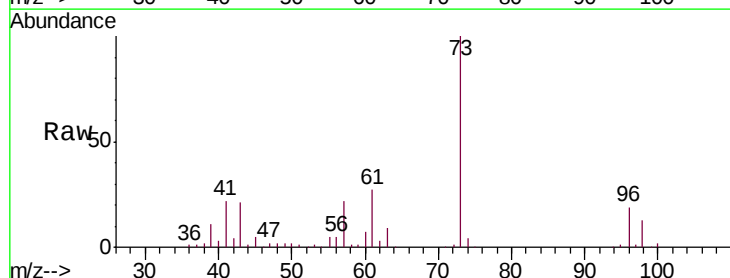
Tgt Ion: 73 Resp: 172674

Ion Ratio Lower Upper

73 100

43 20.9 15.8 23.6

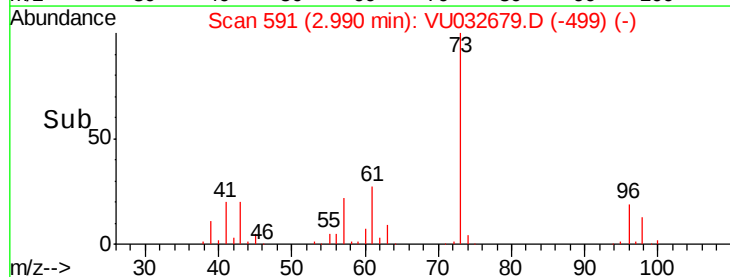
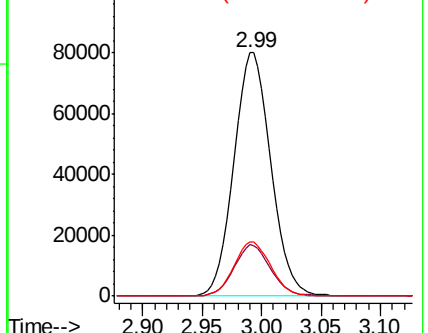
57 22.1 17.6 26.4

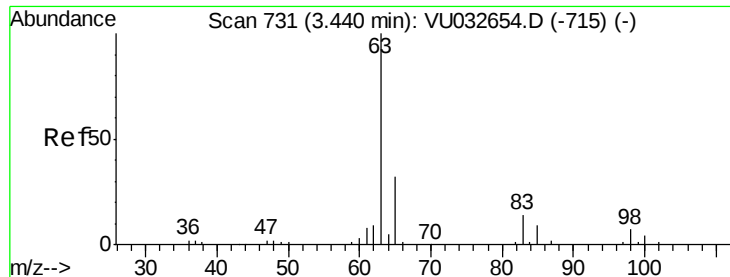


Abundance Ion 73.00 (72.70 to 73.70): VU032679.D (-499) (-)

Ion 43.00 (42.70 to 43.70): VU032679.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU032679.D (-499) (-)





#19

1,1-Dichloroethane

Concen: 53.876 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

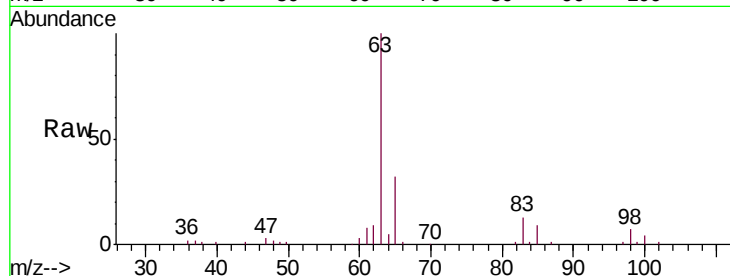
Tgt Ion: 63 Resp: 101504

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

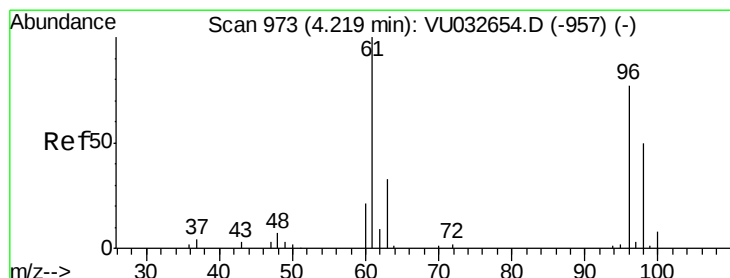
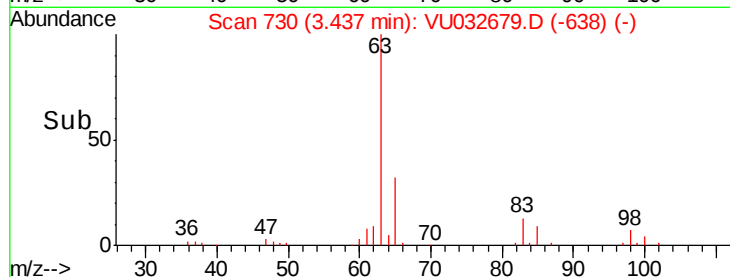
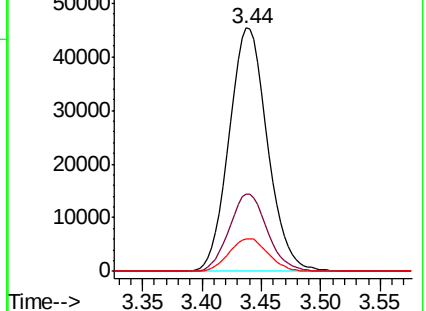
83 13.3 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VU032654.D (-715) (-)

Ion 65.00 (64.70 to 65.70): VU032654.D (-715) (-)

Ion 83.00 (82.70 to 83.70): VU032654.D (-715) (-)



#20

cis-1,2-Dichloroethene

Concen: 51.566 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

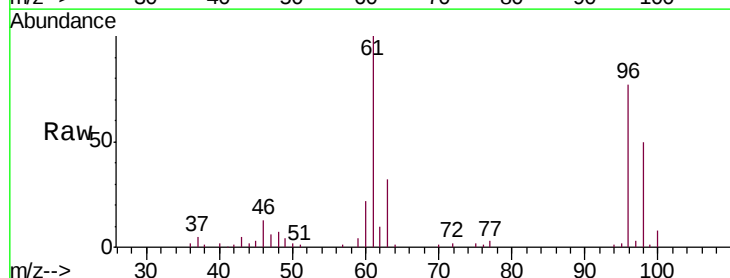
Tgt Ion: 96 Resp: 60312

Ion Ratio Lower Upper

96 100

61 129.6 87.2 162.0

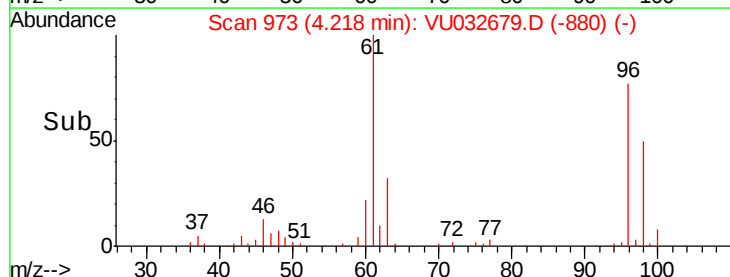
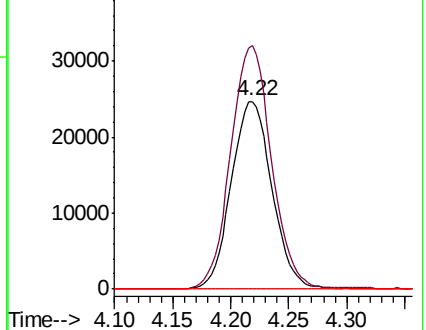
68 0.0 0.0 0.0

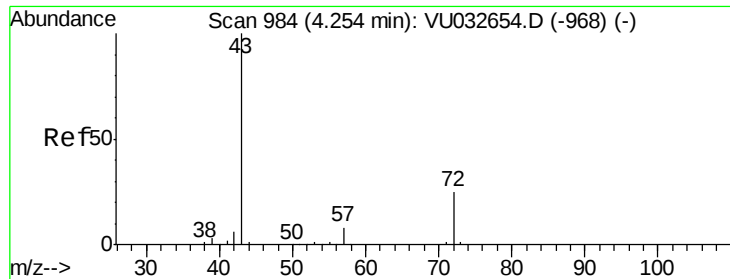


Abundance Ion 96.00 (95.70 to 96.70): VU032654.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU032654.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU032654.D (-957) (-)





#22

2-Butanone

Concen: 106.242 ug/L

RT: 4.25 min Scan# 984

Delta R.T. -0.00 min

Lab File: VU032679.D

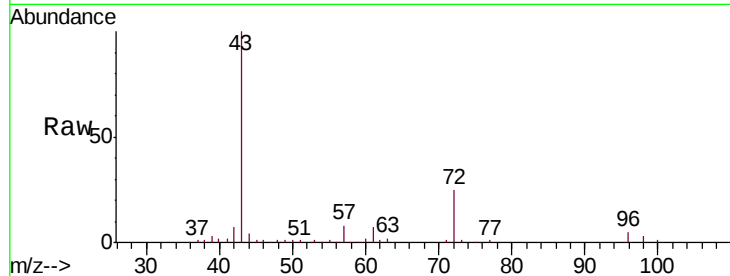
Acq: 13 Jun 2019 08:50

Tgt Ion: 43 Resp: 113062

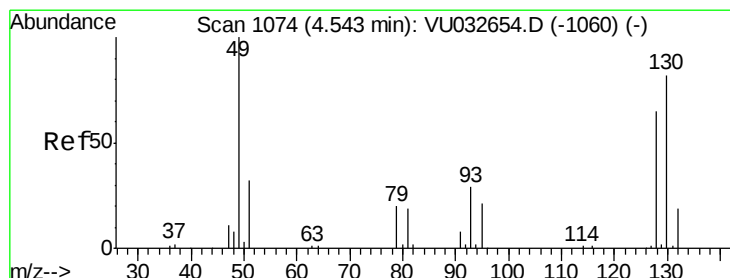
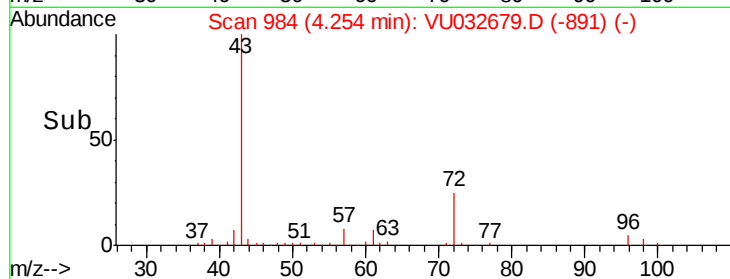
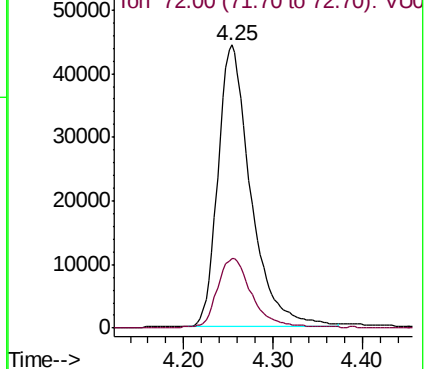
Ion Ratio Lower Upper

43 100

72 26.5 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-891) (-)



#23

Bromochloromethane

Concen: 51.021 ug/L

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

Tgt Ion: 128 Resp: 31028

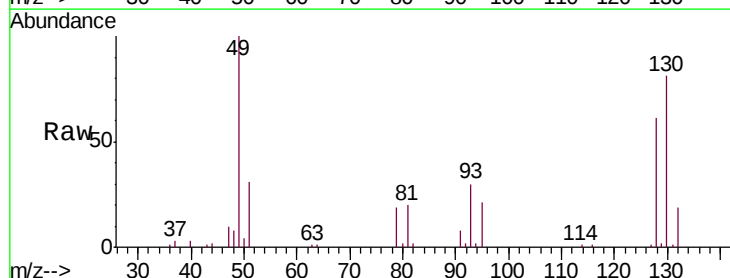
Ion Ratio Lower Upper

128 100

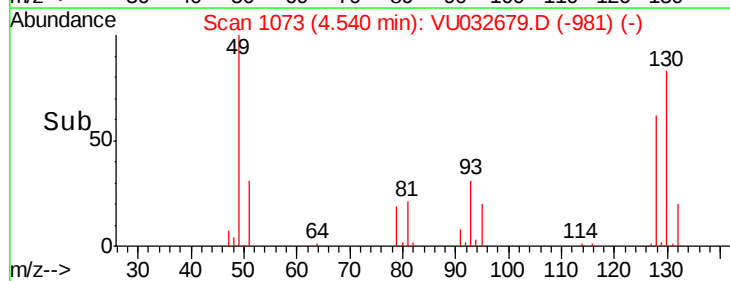
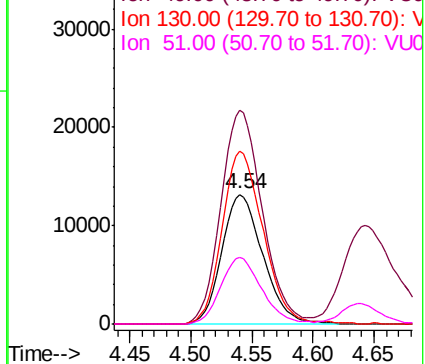
49 165.2 103.7 192.5

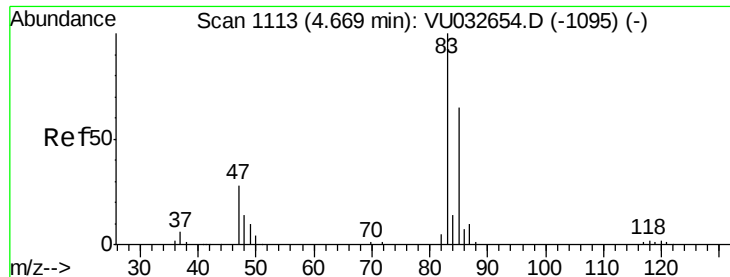
130 133.3 92.2 171.2

51 51.9 37.7 56.5



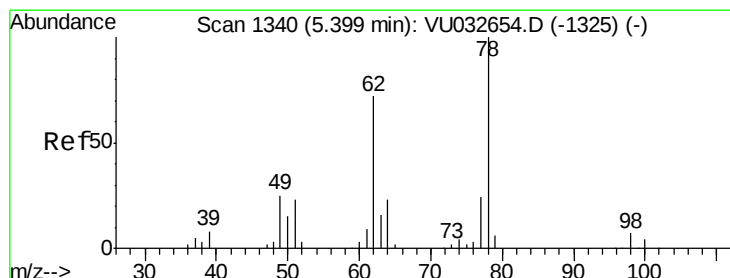
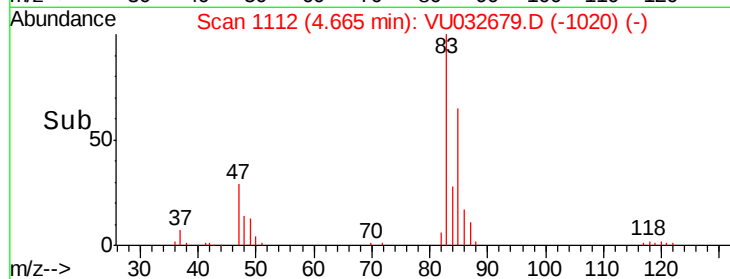
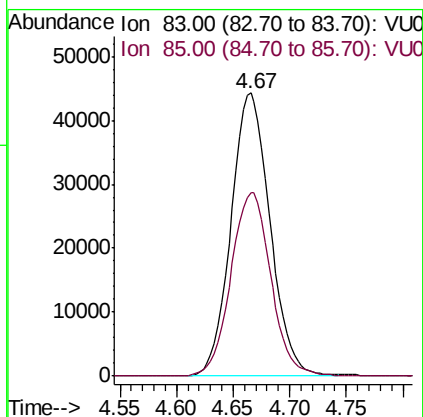
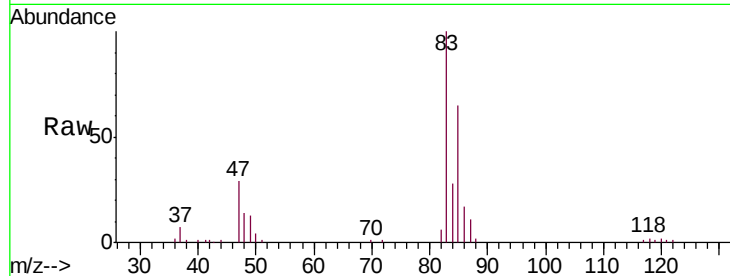
Abundance Ion 128.00 (127.70 to 128.70): VU032679.D (-981) (-)





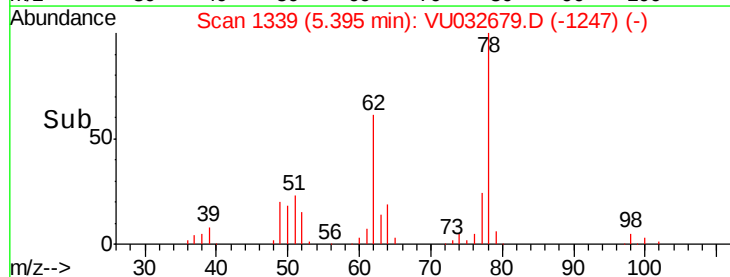
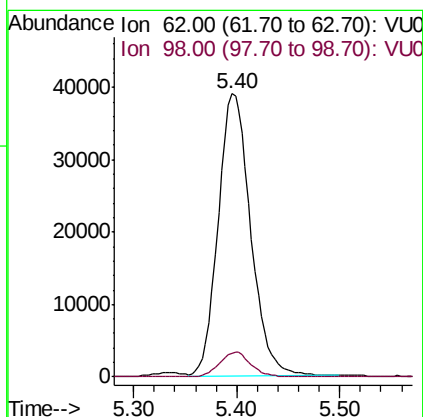
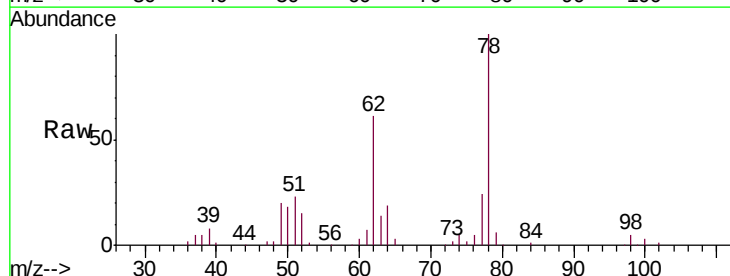
#25
Chloroform
Concen: 54.631 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

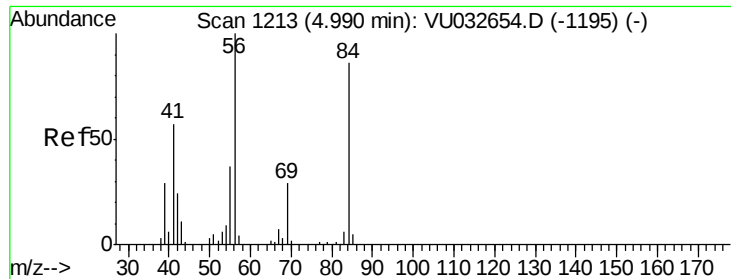
Tgt Ion: 83 Resp: 106213
Ion Ratio Lower Upper
83 100
85 65.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 55.643 ug/L
RT: 5.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion: 62 Resp: 85522
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 49.078 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

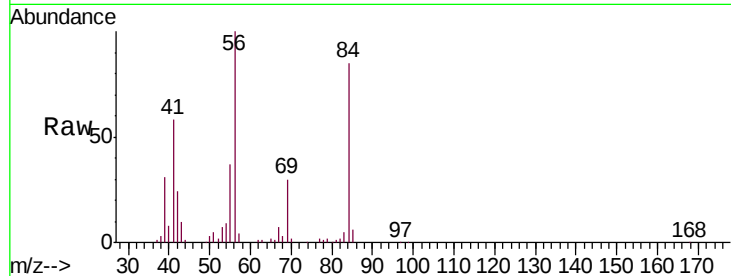
Tgt Ion: 56 Resp: 89372

Ion Ratio Lower Upper

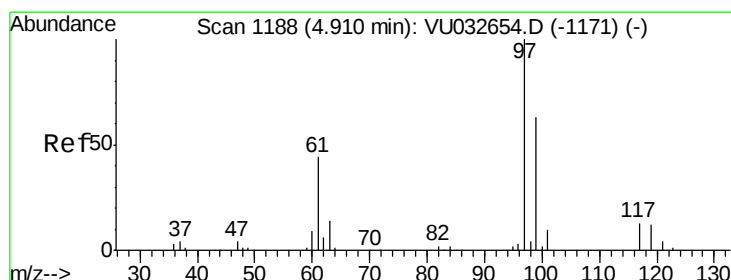
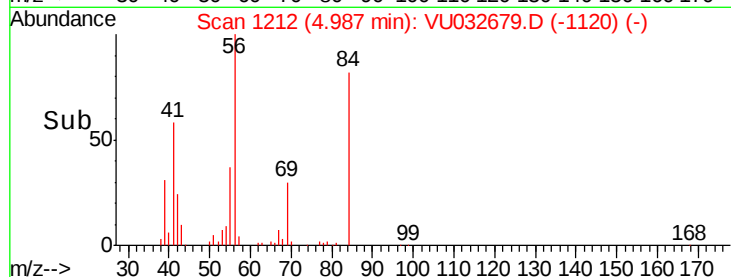
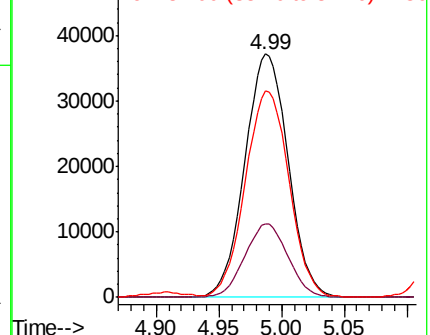
56 100

69 30.0 24.7 37.1

84 85.8 69.0 103.4



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#30

1,1,1-Trichloroethane

Concen: 52.867 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

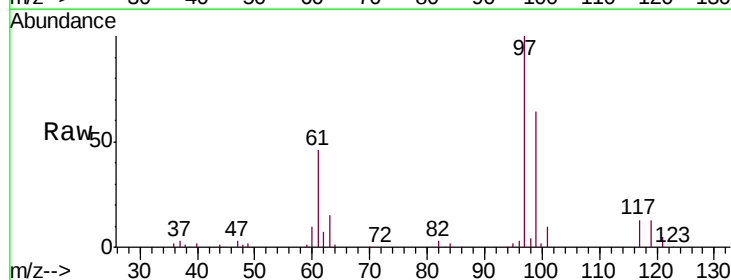
Tgt Ion: 97 Resp: 91627

Ion Ratio Lower Upper

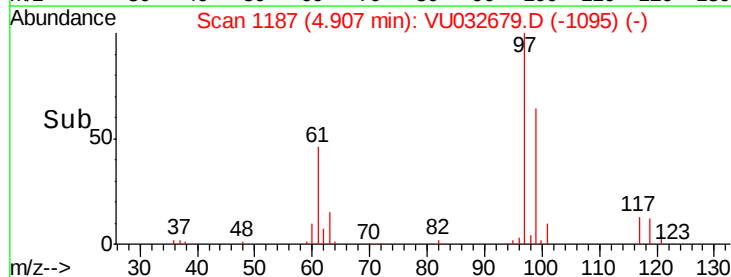
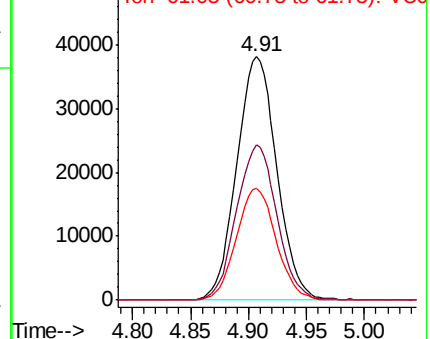
97 100

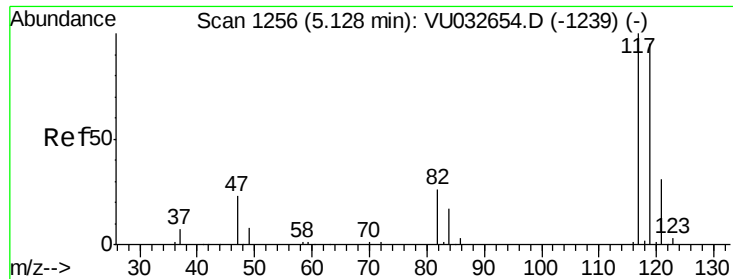
99 64.1 50.5 75.7

61 45.6 33.8 50.6



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 52.887 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU032679.D

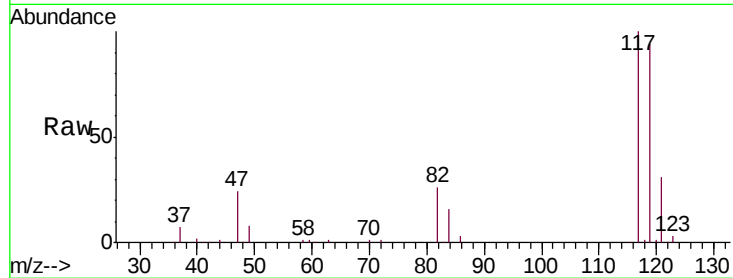
Acq: 13 Jun 2019 08:50

Tgt Ion: 117 Resp: 84010

Ion Ratio Lower Upper

117 100

119 94.7 76.6 114.8

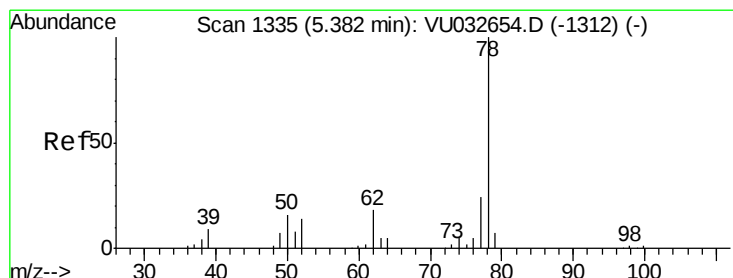
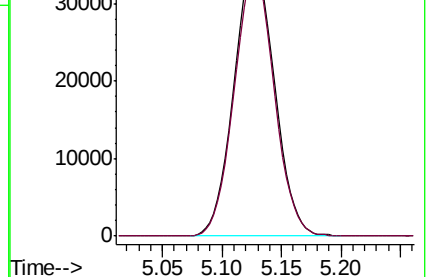
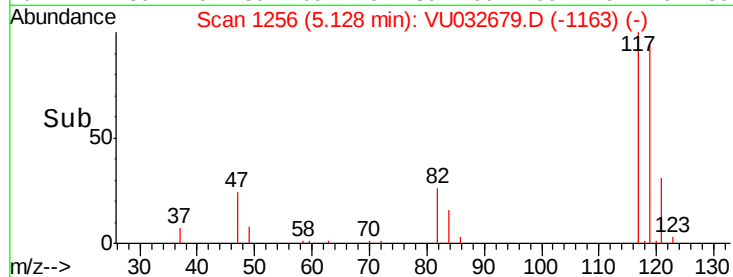


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

5.13

Time-->



#33

Benzene

Concen: 51.640 ug/L

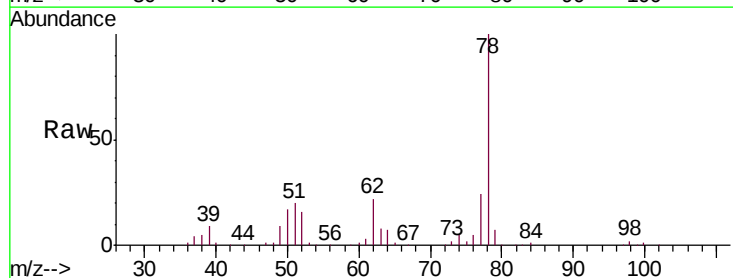
RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

Tgt Ion: 78 Resp: 222136



Abundance Ion 78.00 (77.70 to 78.70): VU0

120000

100000

80000

60000

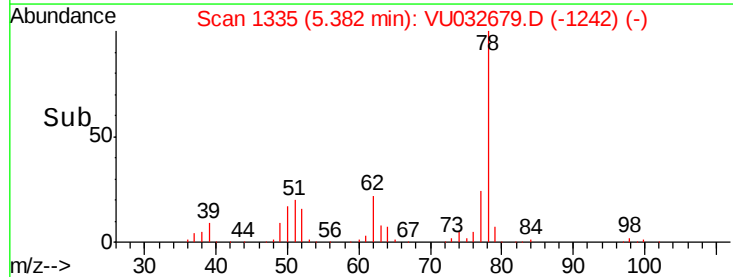
40000

20000

0

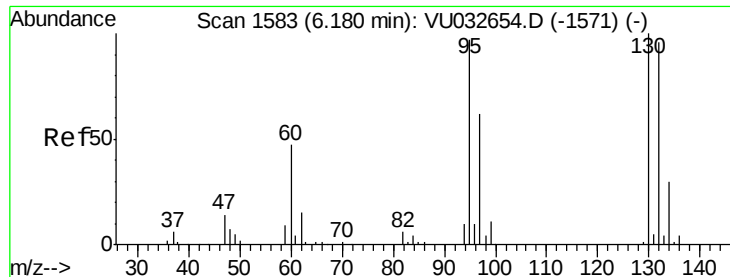
5.38

Time-->



5.38

Time-->



#34

Trichloroethene

Concen: 53.537 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

Tgt Ion: 95 Resp: 62655

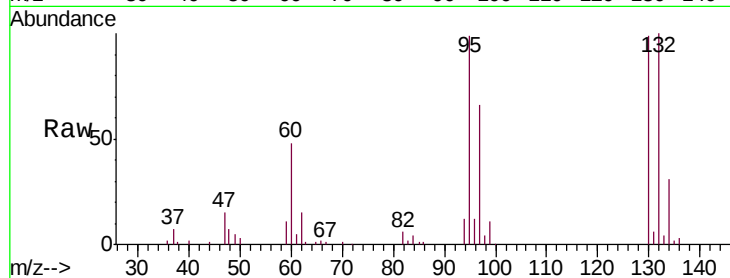
Ion Ratio Lower Upper

95 100

97 66.7 45.8 85.2

132 101.2 71.0 131.8

130 100.7 73.4 136.2

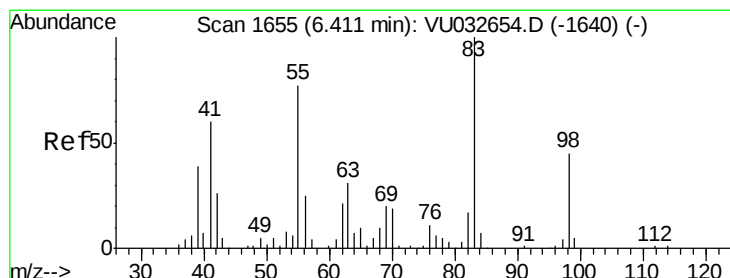
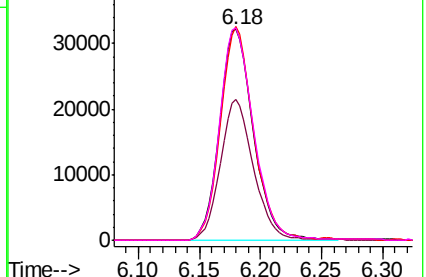
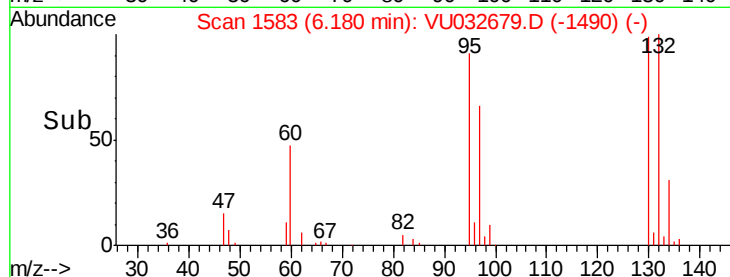


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 49.900 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

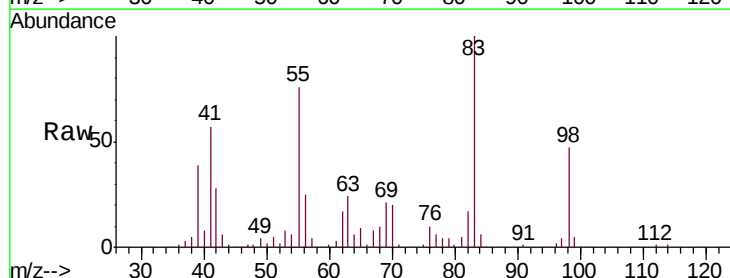
Tgt Ion: 83 Resp: 94540

Ion Ratio Lower Upper

83 100

55 77.0 60.2 90.4

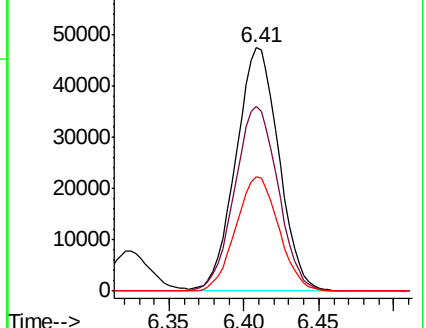
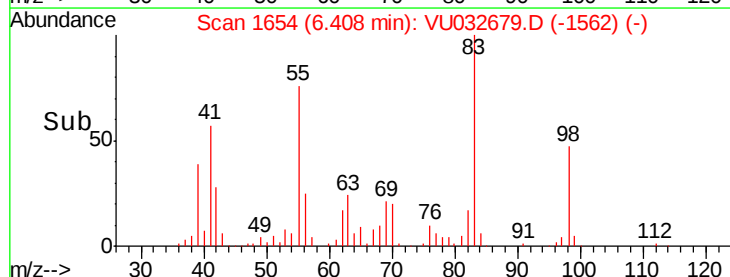
98 47.2 37.4 56.2

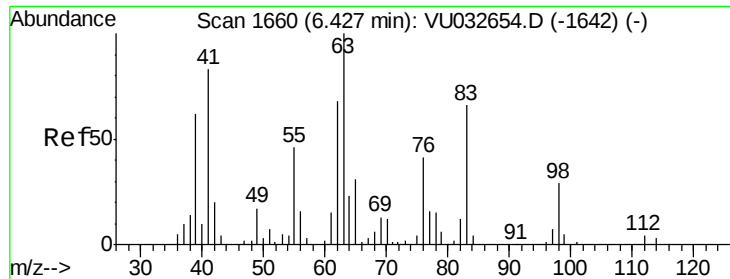


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

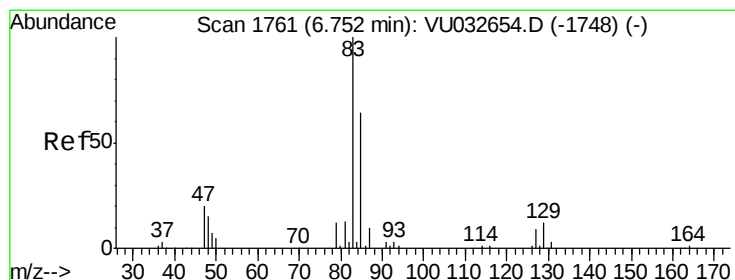
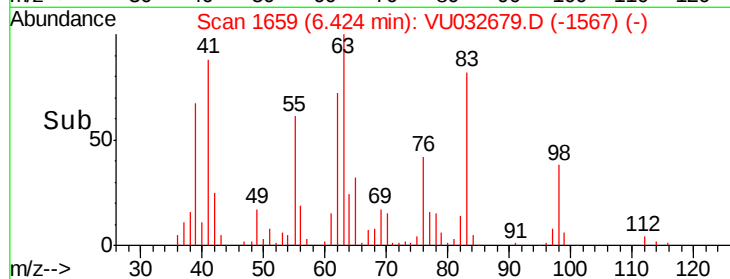
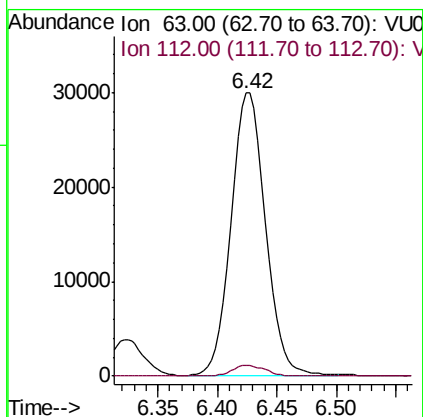
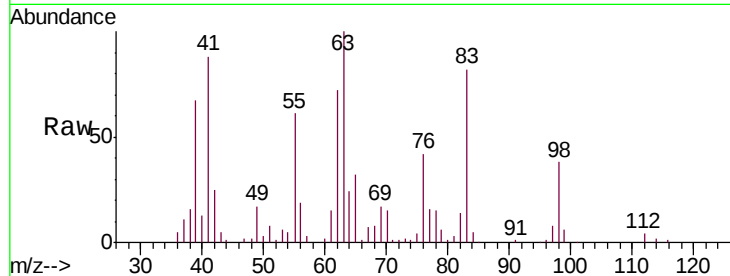
Ion 98.00 (97.70 to 98.70): VU0





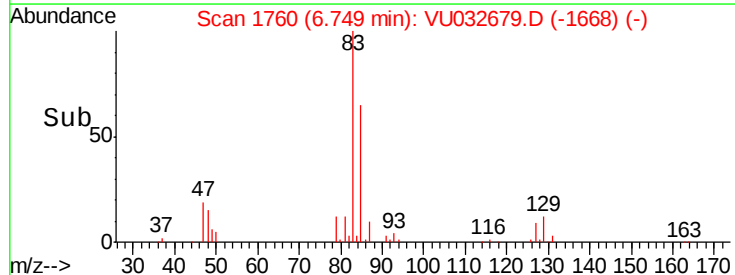
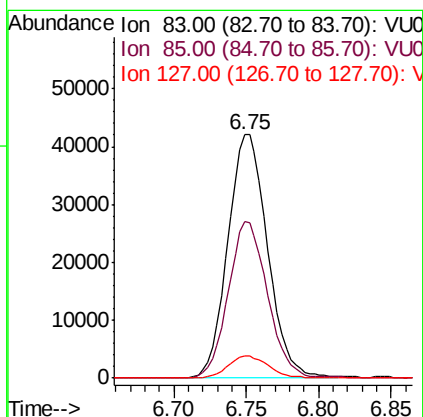
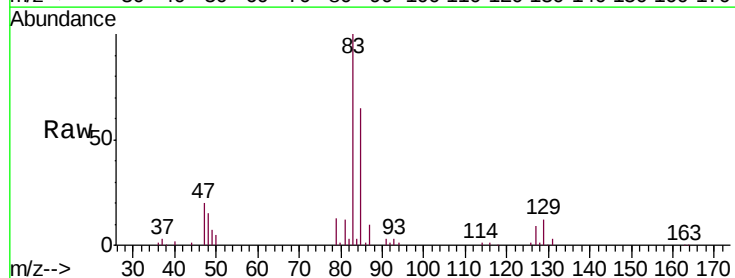
#37
 1,2-Dichloropropane
 Concen: 52.923 ug/L
 RT: 6.42 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

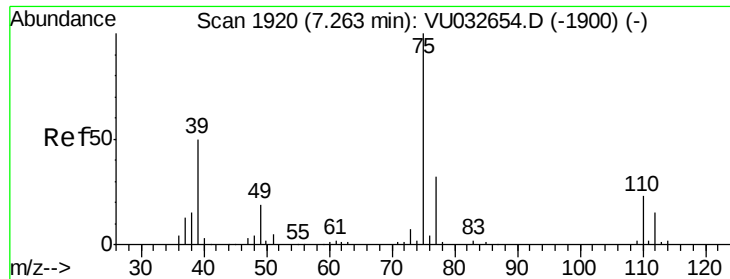
Tgt Ion: 63 Resp: 60348
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.1 4.7



#38
 Bromodichloromethane
 Concen: 54.547 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

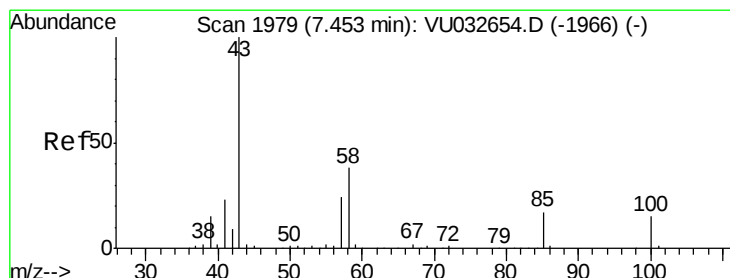
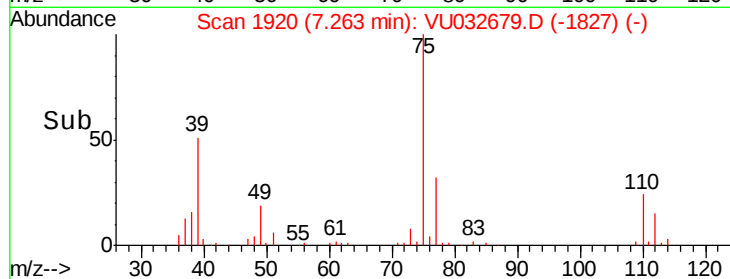
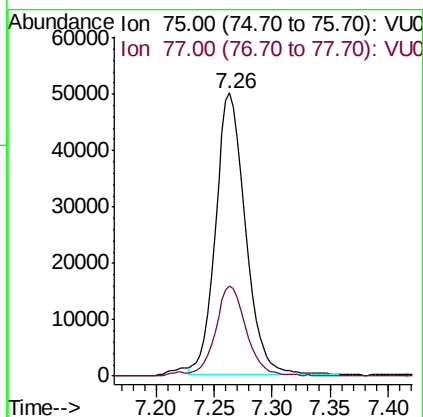
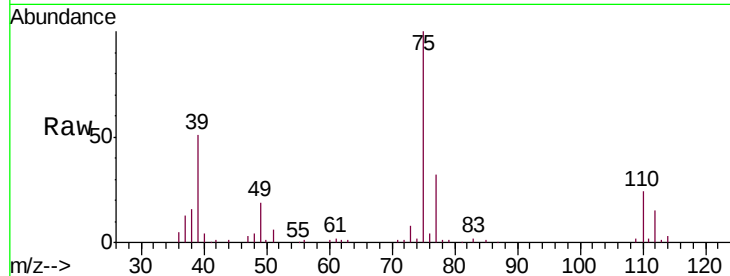
Tgt Ion: 83 Resp: 80090
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.4 84.4
 127 9.1 7.4 11.2





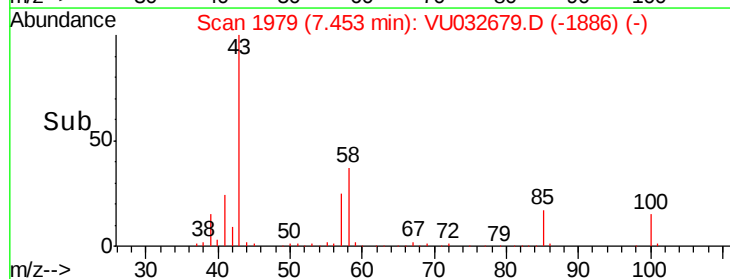
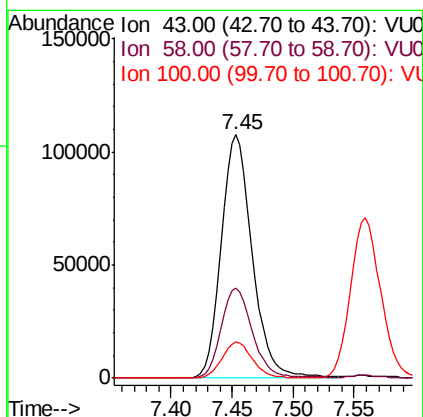
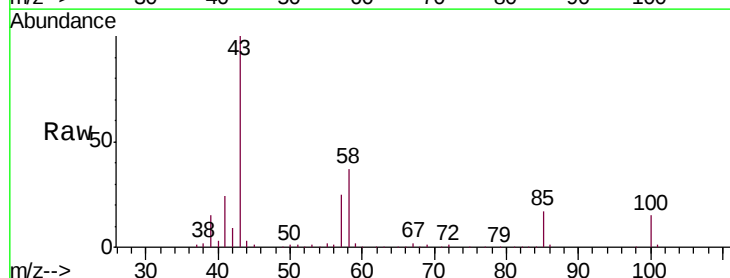
#39
 cis-1,3-Dichloropropene
 Concen: 49.709 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

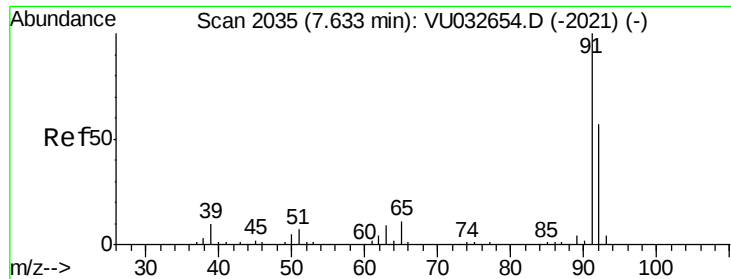
Tgt Ion: 75 Resp: 89434
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 104.603 ug/L
 RT: 7.45 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

Tgt Ion: 43 Resp: 191892
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.8 46.2
 100 14.6 12.1 18.1





#42

Toluene

Concen: 51.303 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032679.D

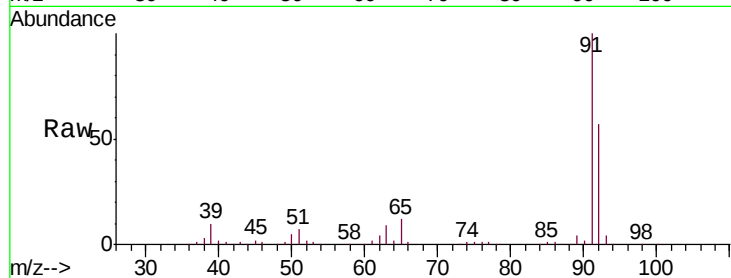
Acq: 13 Jun 2019 08:50

Tgt Ion: 91 Resp: 241687

Ion Ratio Lower Upper

91 100

92 57.2 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032679.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU032679.D (-2021) (-)

7.63

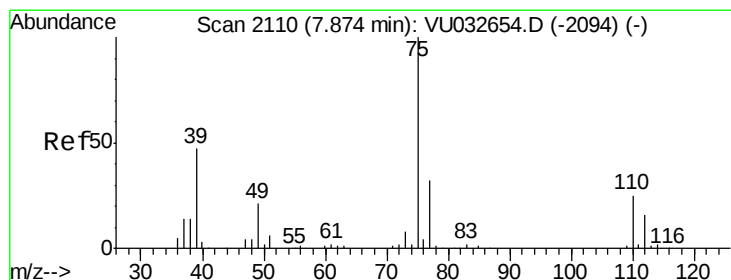
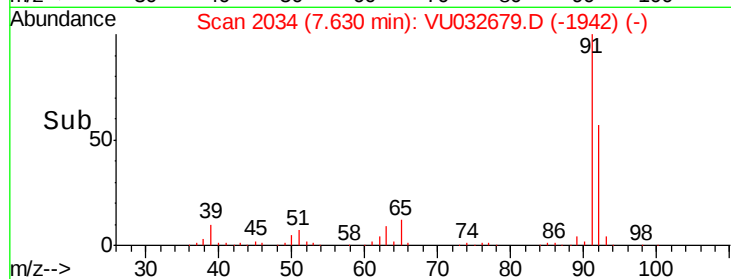
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 52.067 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU032679.D

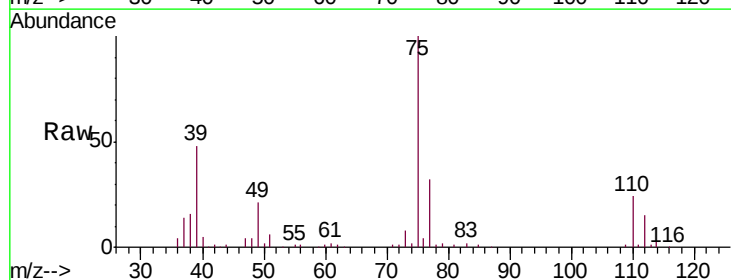
Acq: 13 Jun 2019 08:50

Tgt Ion: 75 Resp: 83145

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032679.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU032679.D (-2017) (-)

7.87

50000

40000

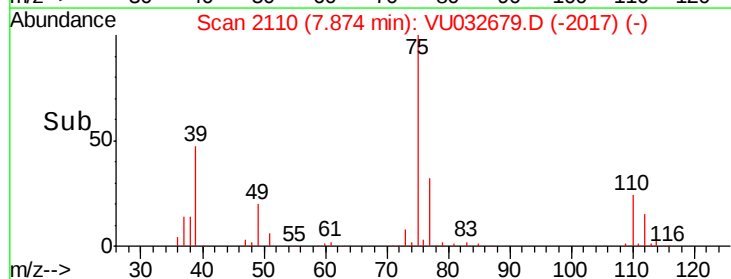
30000

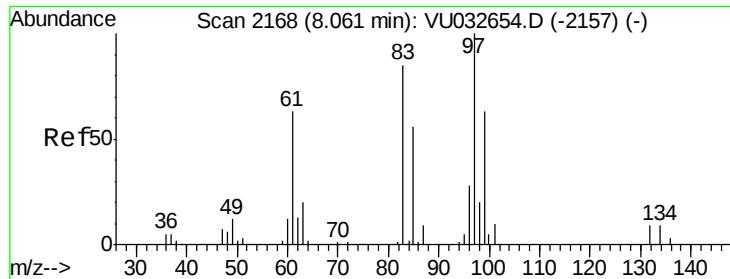
20000

10000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 52.011 ug/L

RT: 8.06 min Scan# 2168

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

Tgt Ion: 97 Resp: 56084

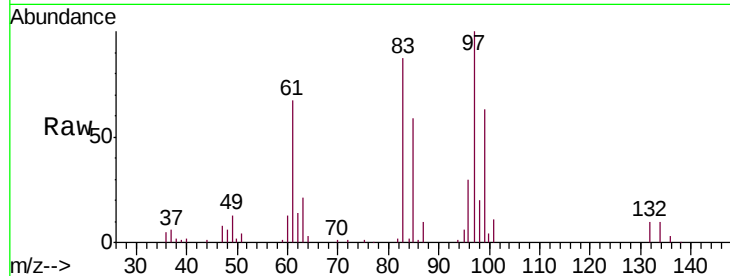
Ion Ratio Lower Upper

97 100

99 62.9 44.1 81.9

83 87.5 59.4 110.2

85 58.7 39.1 72.7

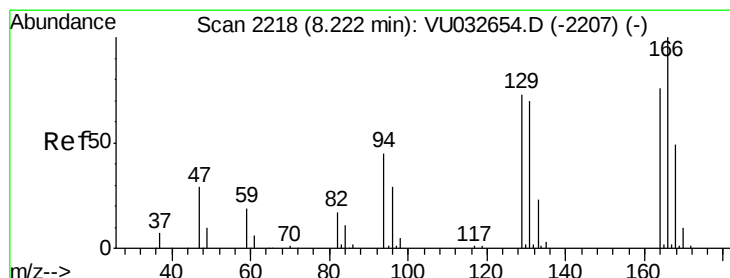
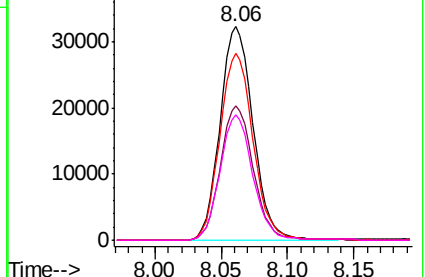
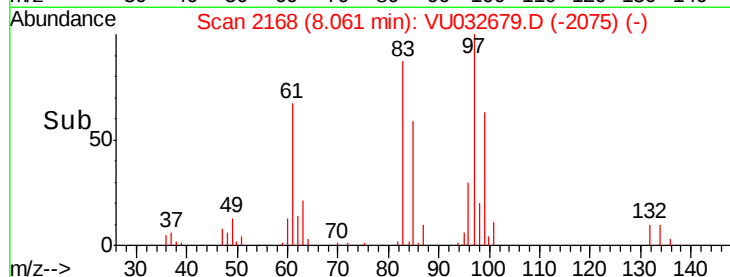


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 51.269 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

Tgt Ion: 164 Resp: 49556

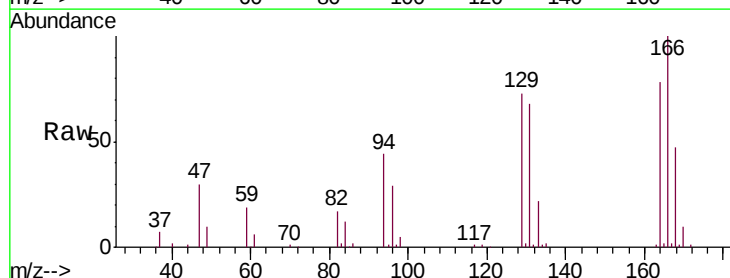
Ion Ratio Lower Upper

164 100

129 93.2 65.3 121.3

131 87.7 64.0 119.0

166 128.3 88.8 165.0

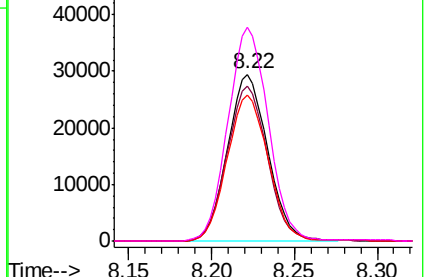
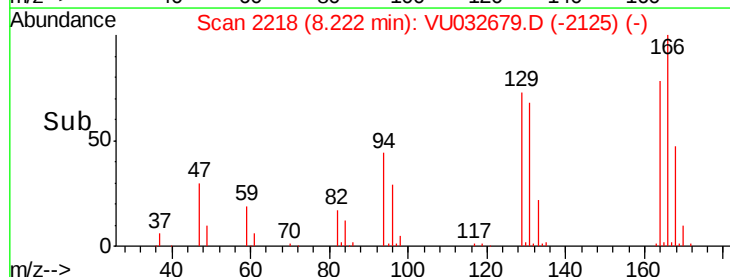


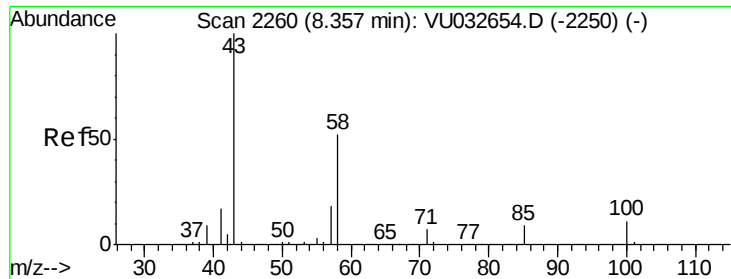
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

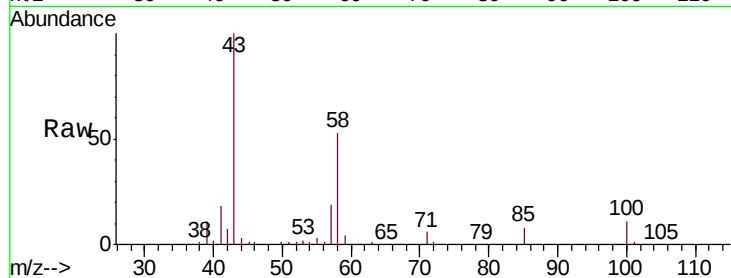




#48
2-Hexanone
Concen: 106.604 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion: 43 Resp: 160625

Ion	Ratio	Lower	Upper
43	100		
58	50.0	42.0	63.0
57	18.0	14.6	22.0
100	10.9	9.2	13.8

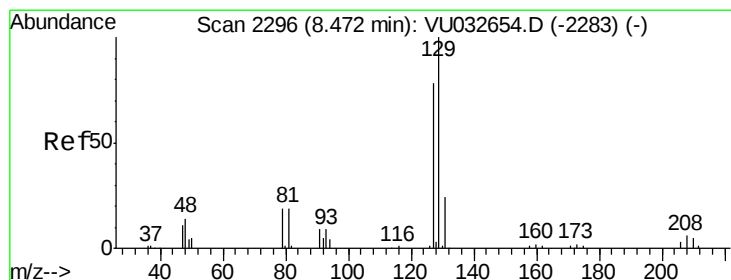
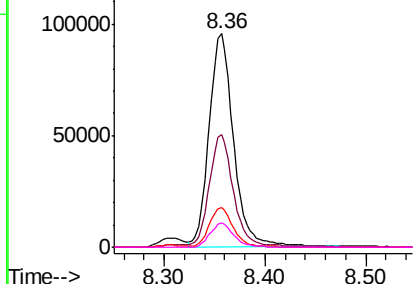
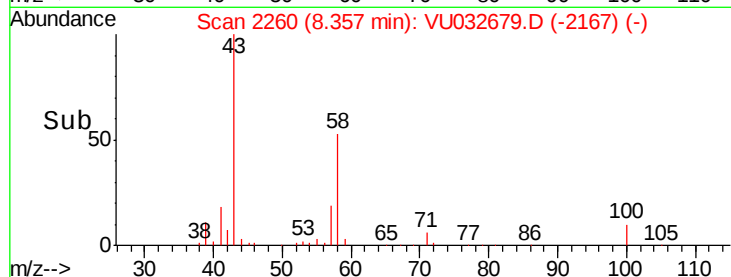


Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-2167) (-)

Ion 58.00 (57.70 to 58.70): VU032679.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU032679.D (-2167) (-)

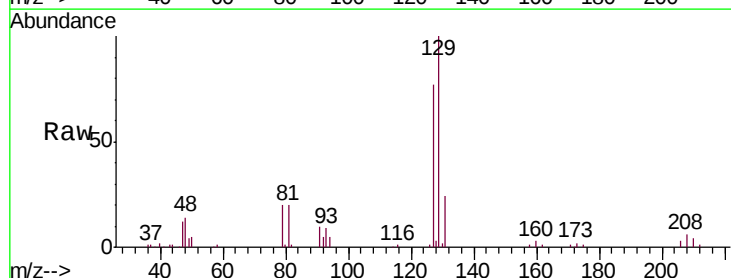
Ion 100.00 (99.70 to 100.70): VU032679.D (-2167) (-)



#49
Dibromochloromethane
Concen: 53.909 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

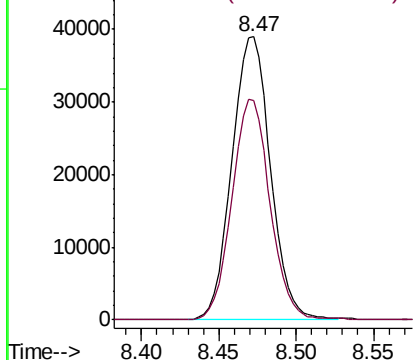
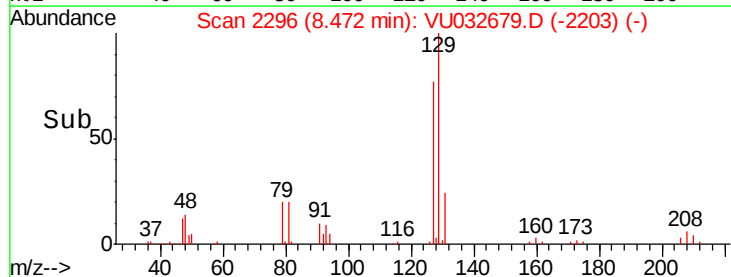
Tgt Ion: 129 Resp: 67567

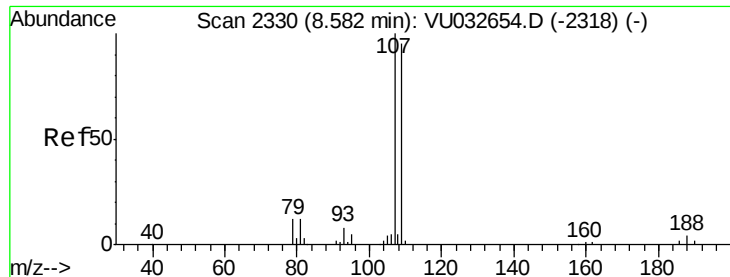
Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.6	99.6



Abundance Ion 129.00 (128.70 to 129.70): VU032679.D (-2203) (-)

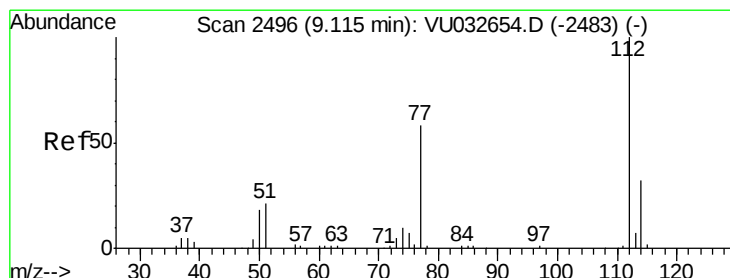
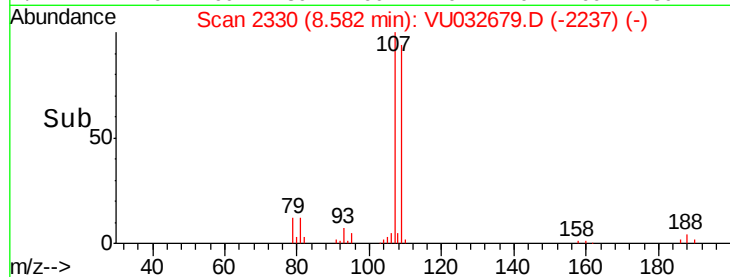
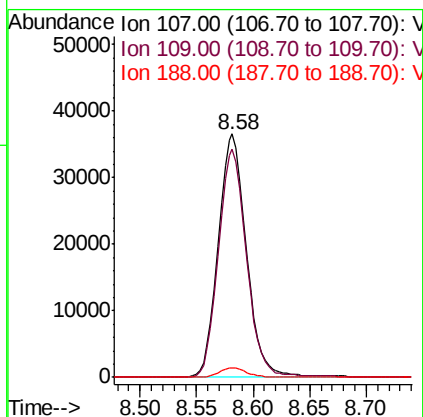
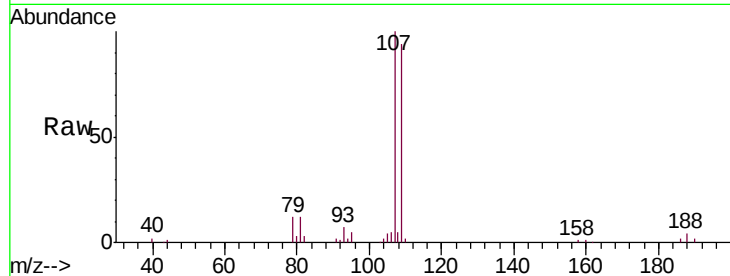
Ion 127.00 (126.70 to 127.70): VU032679.D (-2203) (-)





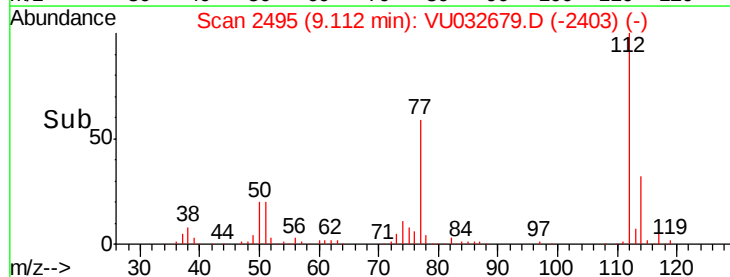
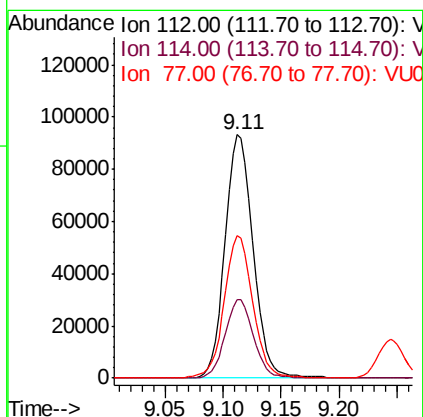
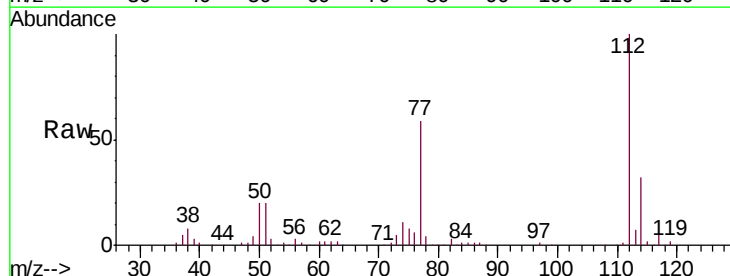
#50
1,2-Dibromoethane
Concen: 52.199 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

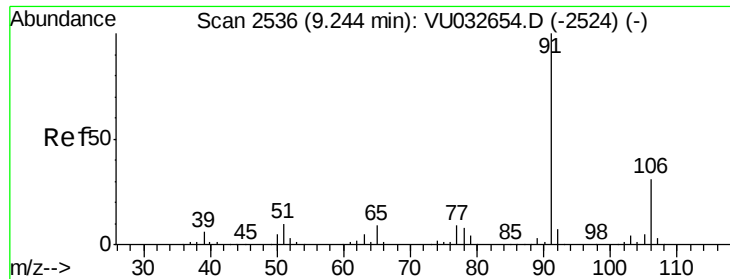
Tgt Ion:107 Resp: 63356
Ion Ratio Lower Upper
107 100
109 93.7 66.8 124.0
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 51.445 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion:112 Resp: 156144
Ion Ratio Lower Upper
112 100
114 32.1 22.6 42.0
77 58.6 46.1 69.1





#52

Ethylbenzene

Concen: 51.106 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. 0.00 min

Lab File: VU032679.D

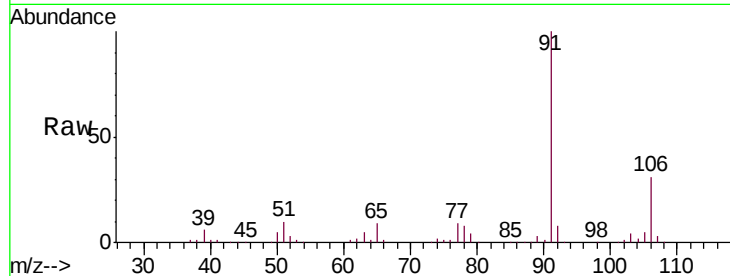
Acq: 13 Jun 2019 08:50

Tgt Ion: 91 Resp: 268362

Ion Ratio Lower Upper

91 100

106 30.6 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VU032654.D (-2524) (-)

Ion 106.00 (105.70 to 106.70): VU032654.D (-2524) (-)

9.24

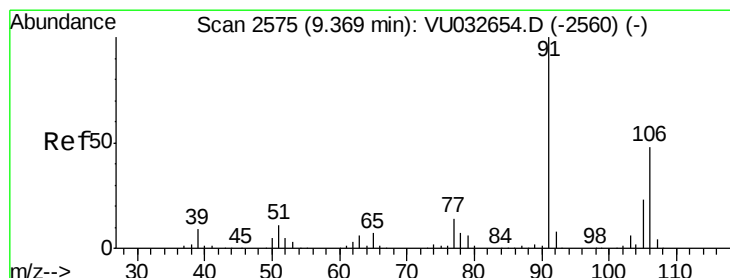
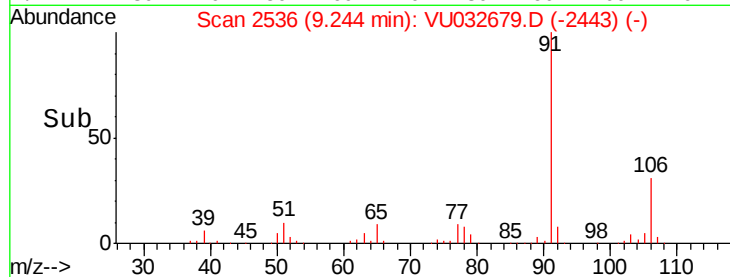
150000

100000

50000

0

Time-->



#53

m,p-Xylene

Concen: 50.471 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032679.D

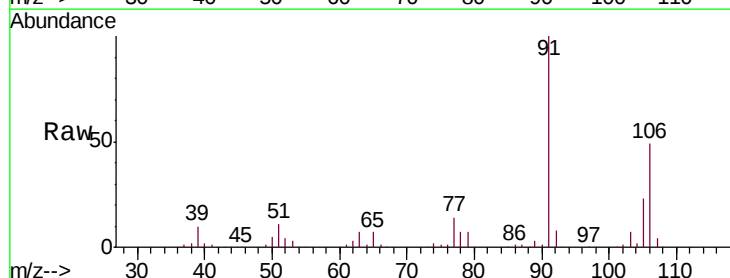
Acq: 13 Jun 2019 08:50

Tgt Ion: 106 Resp: 100778

Ion Ratio Lower Upper

106 100

91 203.6 141.7 263.1



Abundance Ion 106.00 (105.70 to 106.70): VU032654.D (-2560) (-)

Ion 91.00 (90.70 to 91.70): VU032654.D (-2560) (-)

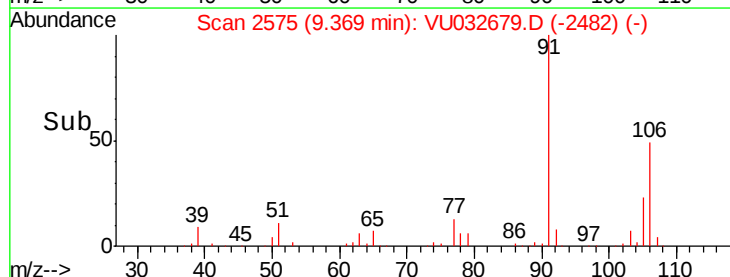
9.37

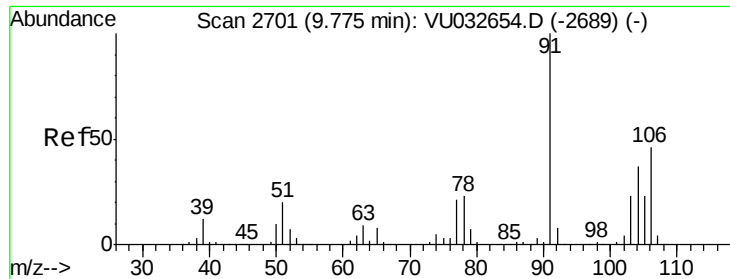
100000

50000

0

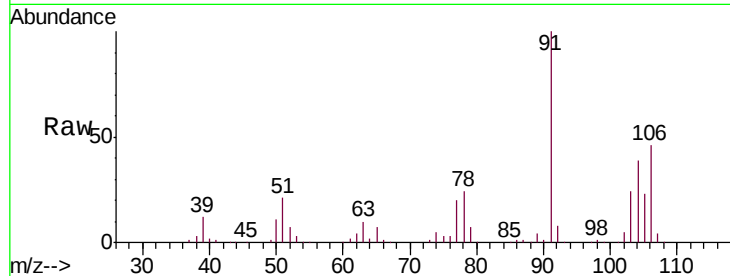
Time-->



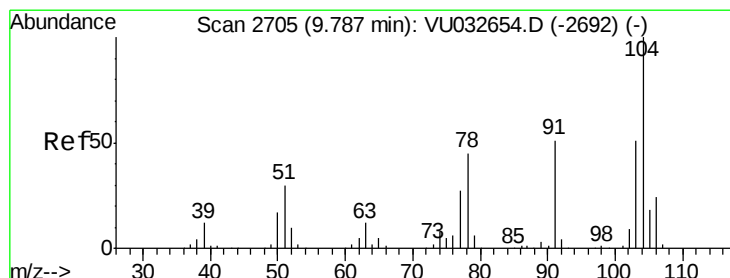
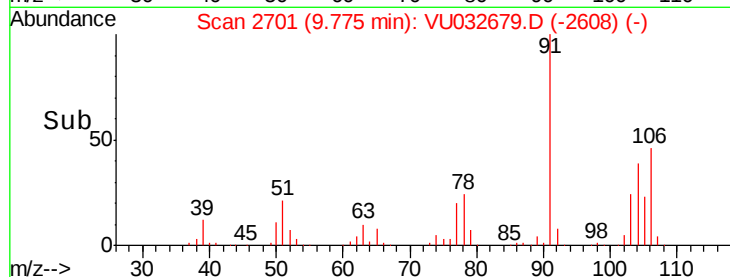
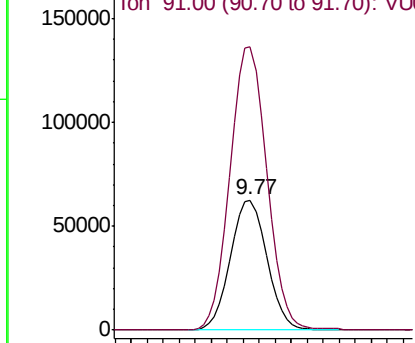


#54
o-xylene
Concen: 49.185 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion:106 Resp: 97512
Ion Ratio Lower Upper
106 100
91 218.1 150.1 278.7

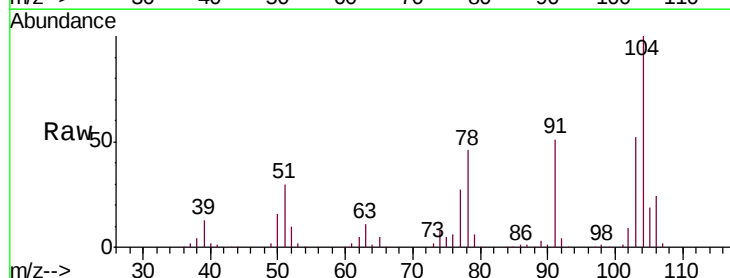


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

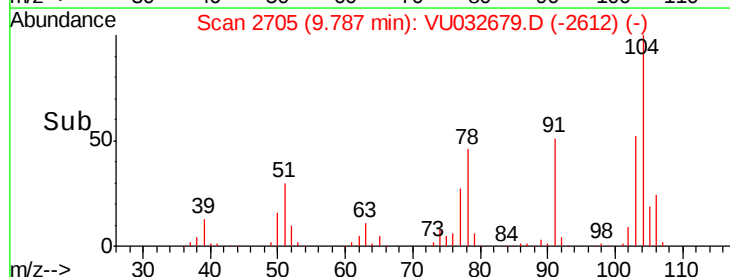
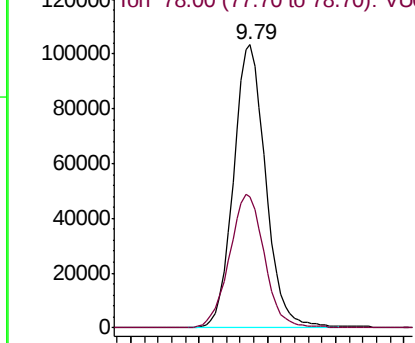


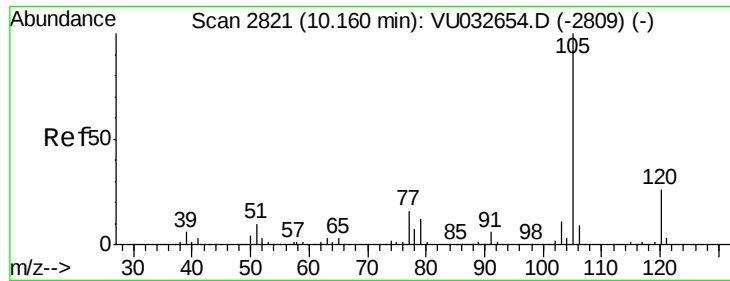
#55
Styrene
Concen: 51.164 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU032679.D
Acq: 13 Jun 2019 08:50

Tgt Ion:104 Resp: 169340
Ion Ratio Lower Upper
104 100
78 46.4 31.6 58.6



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





#56

Isopropylbenzene

Concen: 50.934 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

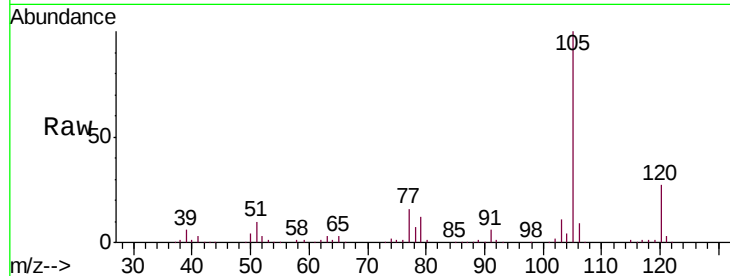
Tgt Ion: 105 Resp: 266271

Ion Ratio Lower Upper

105 100

120 26.6 21.6 32.4

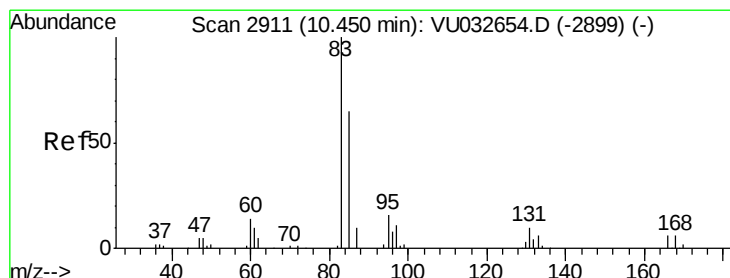
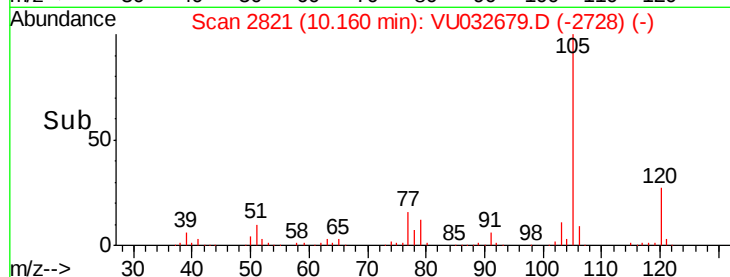
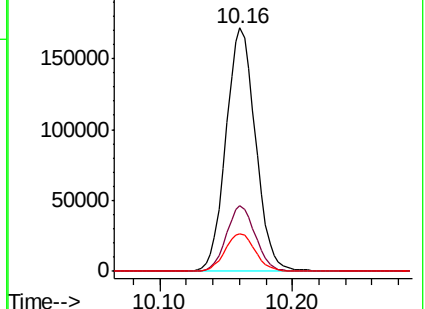
77 15.9 12.4 18.6



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: 49.871 ug/L

RT: 10.45 min Scan# 2911

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

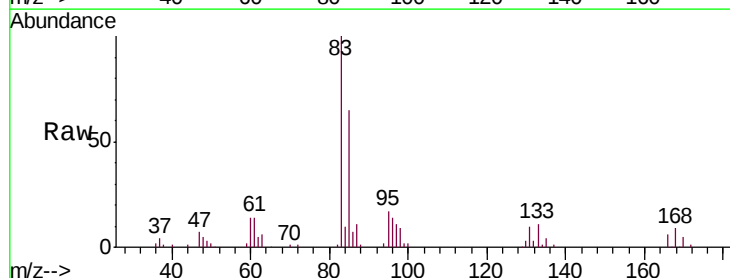
Tgt Ion: 83 Resp: 91912

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

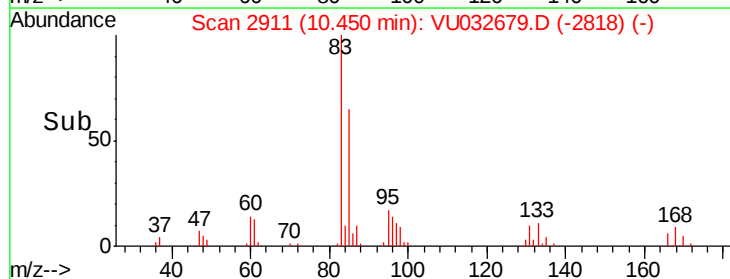
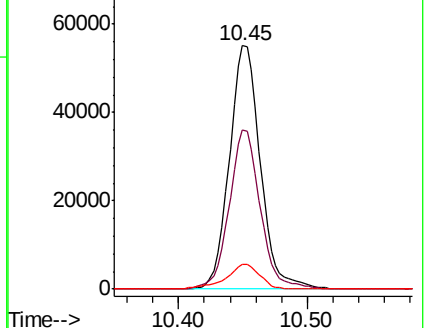
131 10.2 7.9 11.9

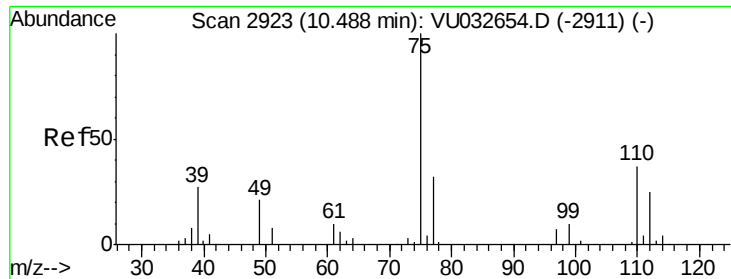


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

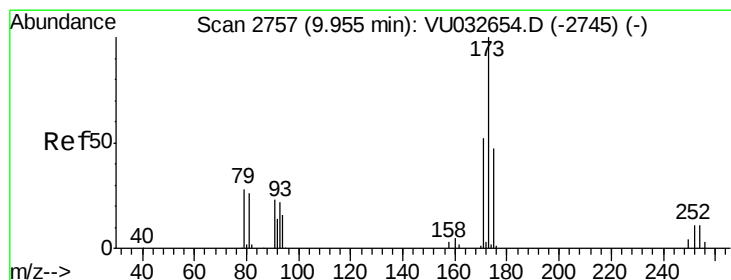
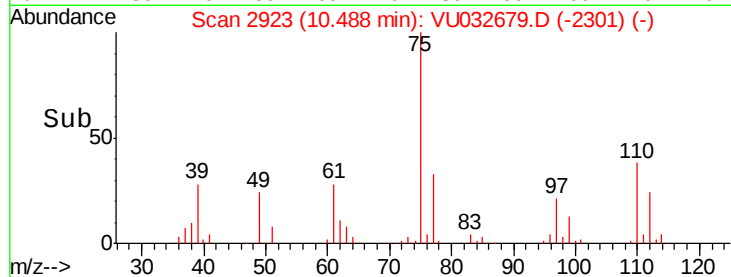
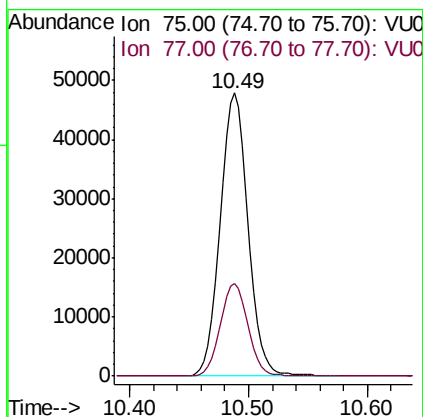
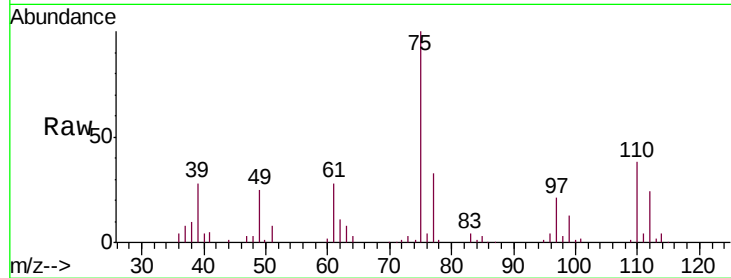
Ion 131.00 (130.70 to 131.70): V





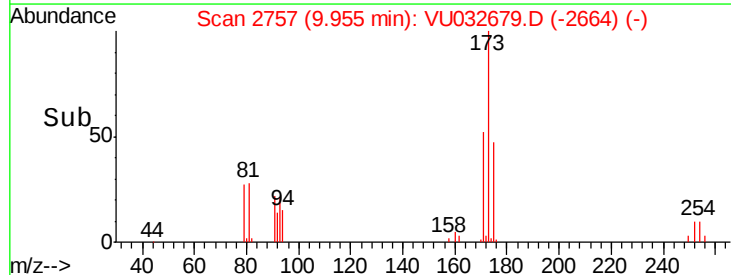
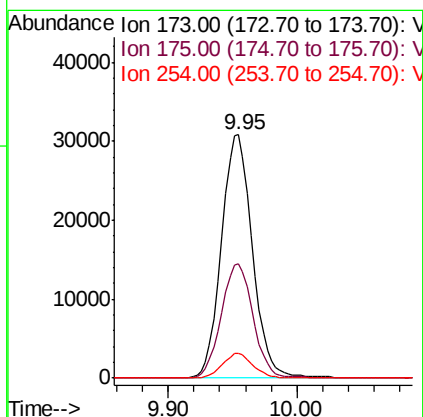
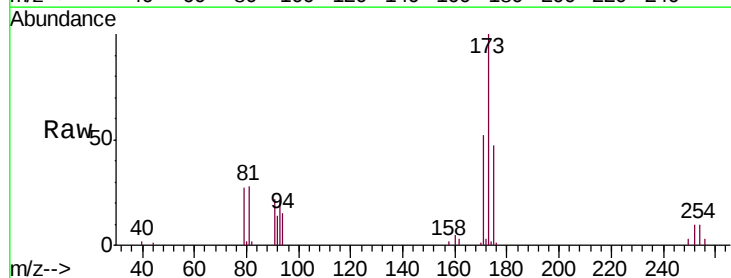
#59
 1,2,3-Trichloropropane
 Concen: 52.340 ug/L
 RT: 10.49 min Scan# 2923
 Delta R.T. 0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

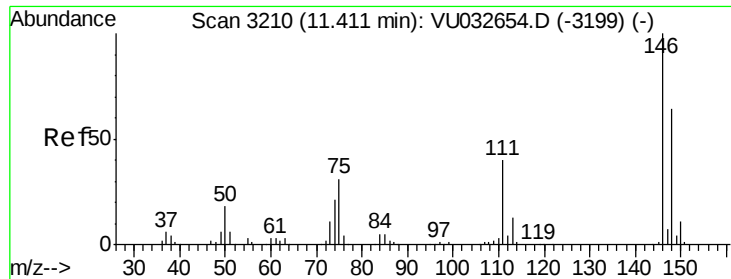
Tgt Ion: 75 Resp: 77587
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4



#61
 Bromoform
 Concen: 52.501 ug/L
 RT: 9.95 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

Tgt Ion: 173 Resp: 51405
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.7 59.5
 254 9.9 7.8 11.8





#62

1,3-Dichlorobenzene

Concen: 50.994 ug/L

RT: 11.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

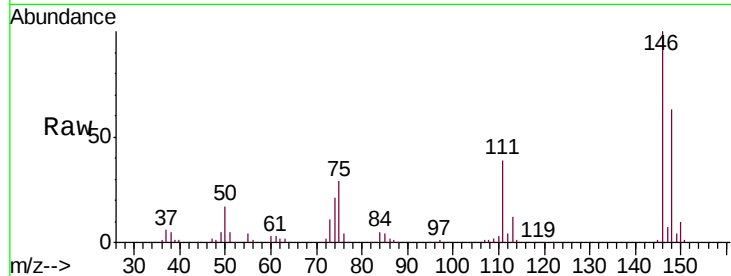
Tgt Ion:146 Resp: 126699

Ion Ratio Lower Upper

146 100

111 38.5 27.3 50.7

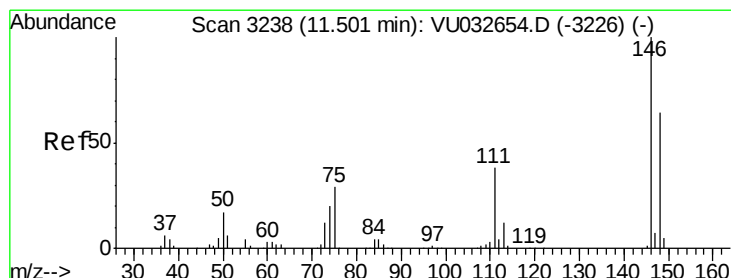
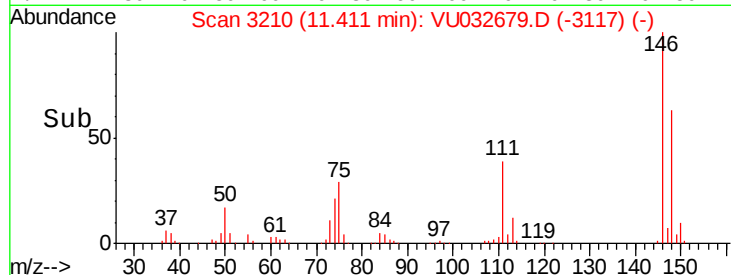
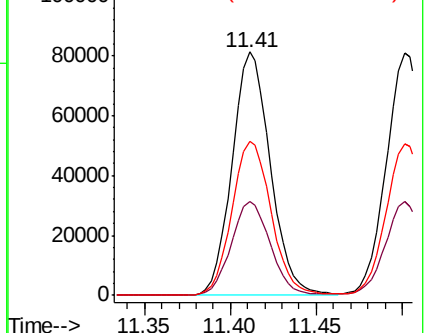
148 63.1 44.4 82.5



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: 51.235 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

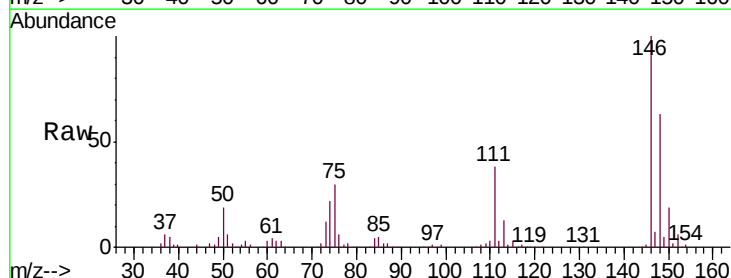
Tgt Ion:146 Resp: 130144

Ion Ratio Lower Upper

146 100

111 38.5 26.6 49.4

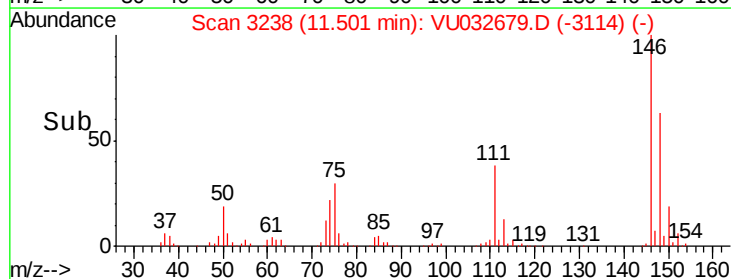
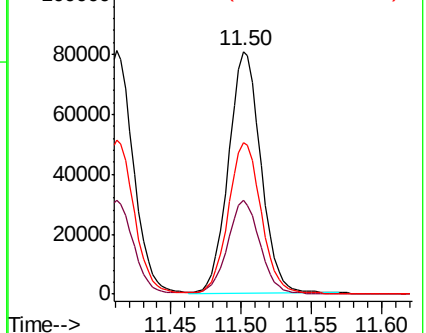
148 62.5 44.9 83.5

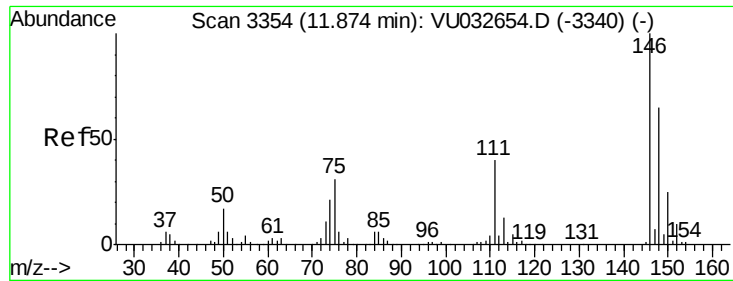


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 52.238 ug/L

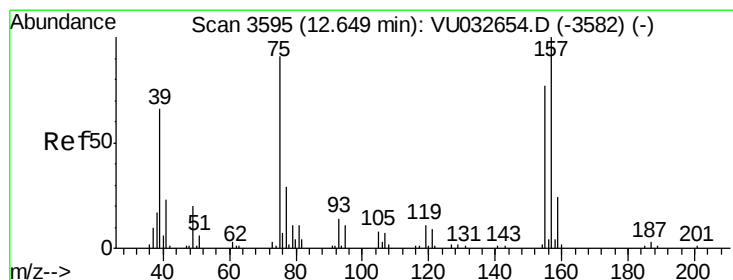
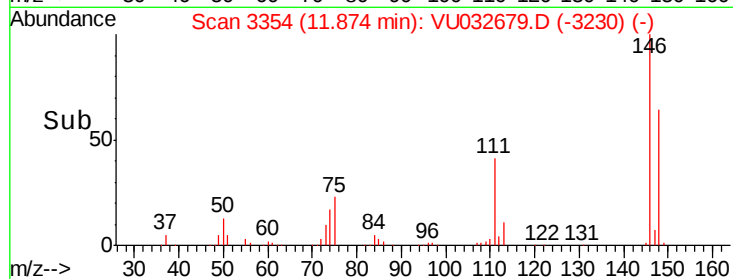
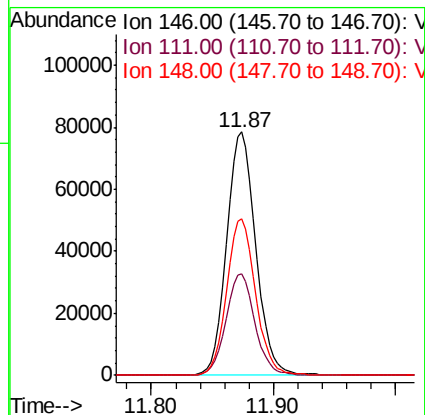
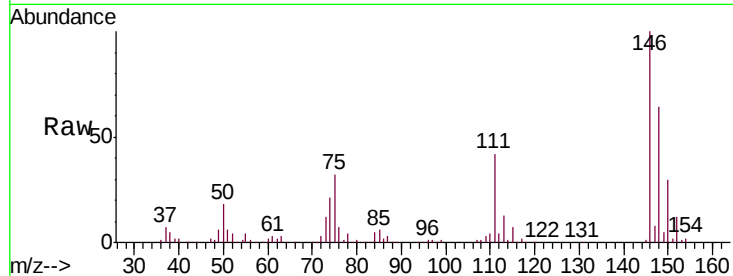
RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

Tgt Ion:	146	Resp:	131219
Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.6	48.8
148	64.5	50.5	75.7



#66

1,2-Dibromo-3-chloropropane

Concen: 52.310 ug/L

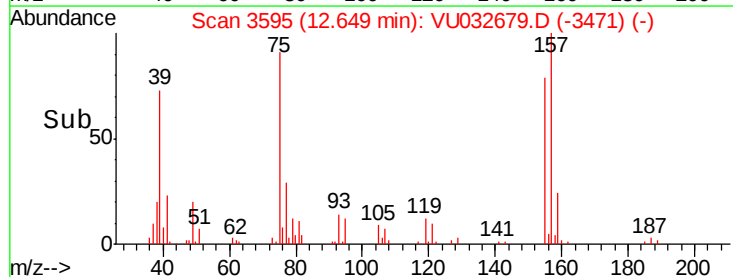
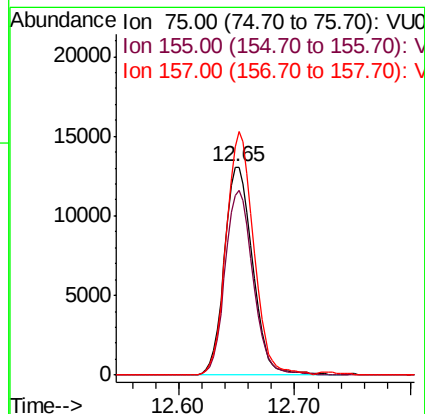
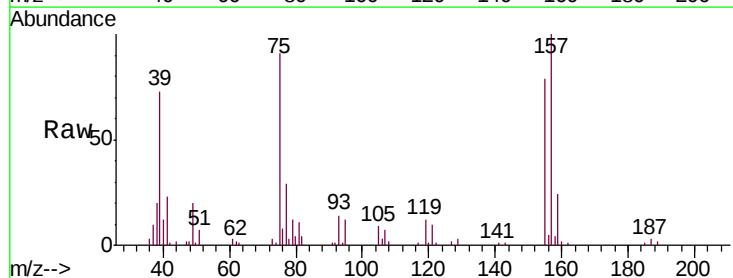
RT: 12.65 min Scan# 3595

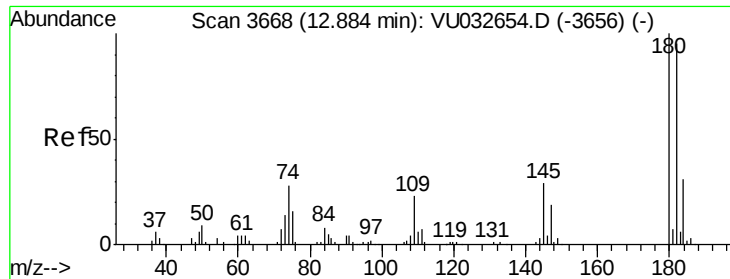
Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

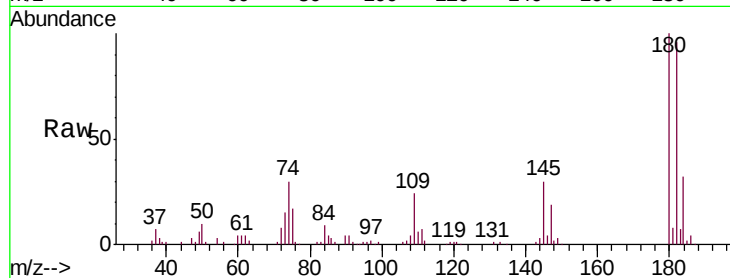
Tgt Ion:	75	Resp:	22108
Ion	Ratio	Lower	Upper
75	100		
155	86.7	73.1	109.7
157	110.2	91.4	137.2



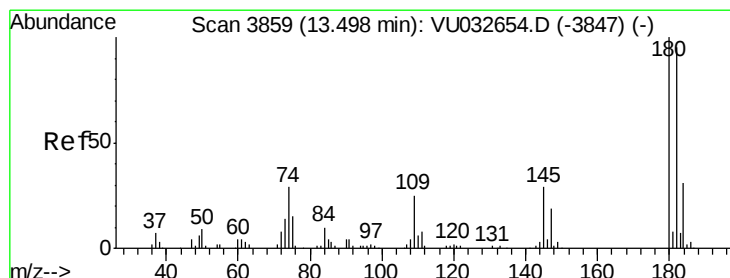
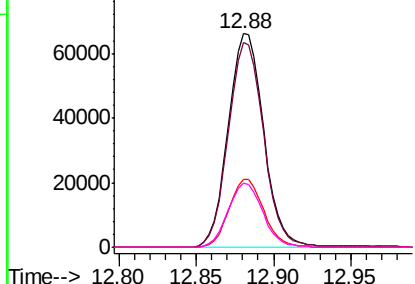
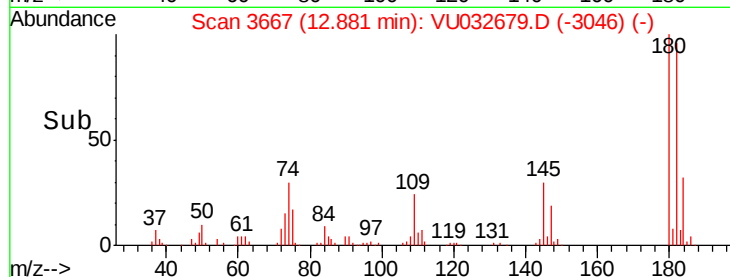


#67
 1,3,5-Trichlorobenzene
 Concen: 54.551 ug/L
 RT: 12.88 min Scan# 3667
 Delta R.T. -0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

Tgt Ion:	180	Resp:	105451
Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
184	31.0	24.2	36.2
145	29.2	23.9	35.9

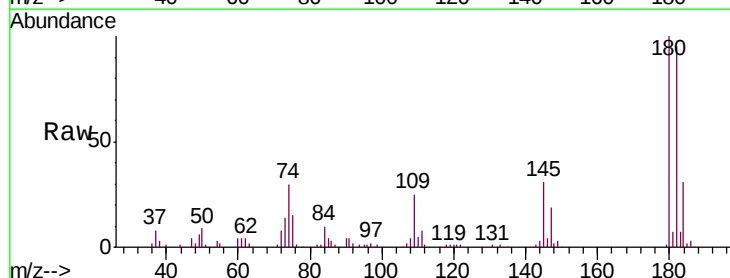


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

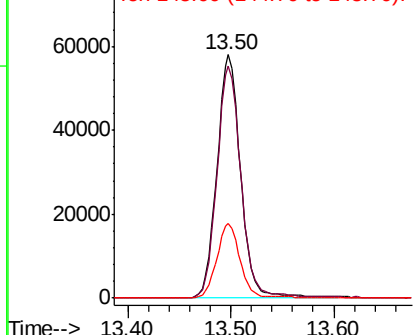
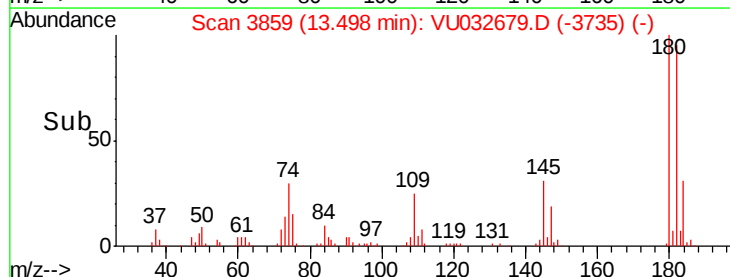


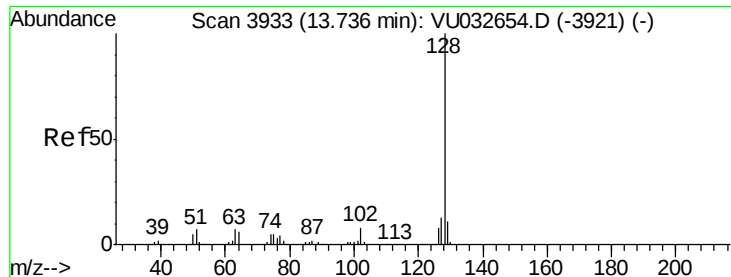
#68
 1,2,4-trichlorobenzene
 Concen: 56.594 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU032679.D
 Acq: 13 Jun 2019 08:50

Tgt Ion:	180	Resp:	92681
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.5	114.7
145	29.8	23.8	35.6



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: 53.201 ug/L

RT: 13.74 min Scan# 3933

Delta R.T. -0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

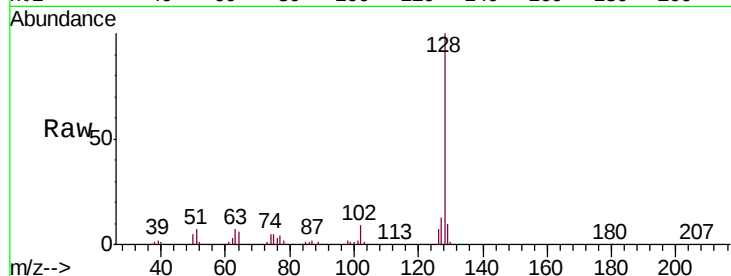
Tgt Ion:128 Resp: 274812

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

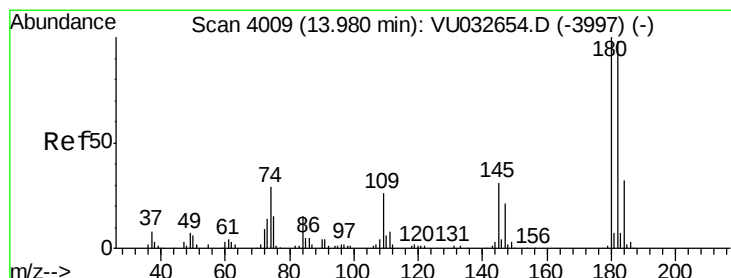
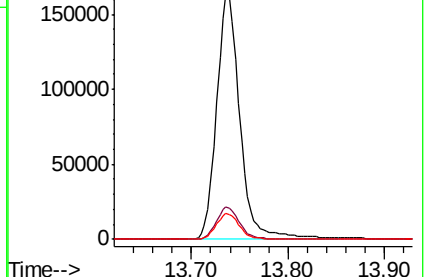
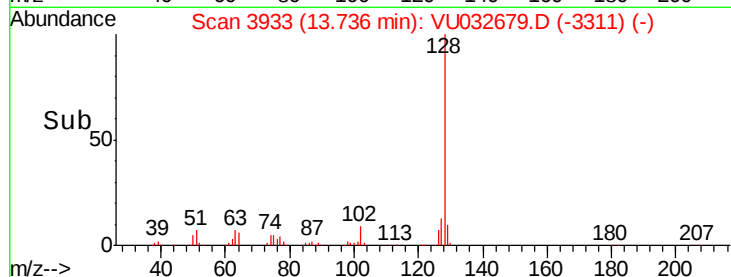
129 10.6 8.5 12.7



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: 57.441 ug/L

RT: 13.98 min Scan# 4009

Delta R.T. 0.00 min

Lab File: VU032679.D

Acq: 13 Jun 2019 08:50

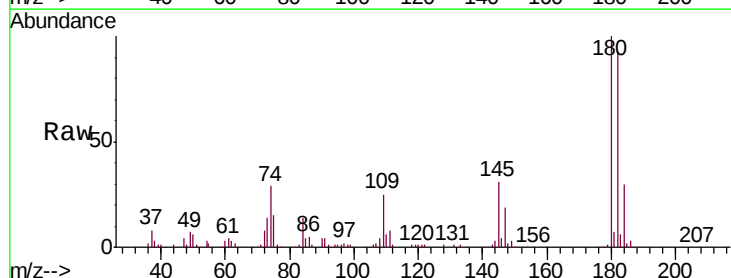
Tgt Ion:180 Resp: 97899

Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

145 31.5 25.4 38.2



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

