

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
 Data File : VV005754.D
 Acq On : 03 May 2018 10:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:23:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 03 02:07:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269559	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	264513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85886	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	75191	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	205103	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.95	46	163609	45.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	4.41	84	166686	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	96154	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	325918	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	98724	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	322586	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	38353	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	139240	51.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73141	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	108465	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	127410	5.18	ug/L	95
3) Chloromethane	1.26	50	105155	5.07	ug/L	98
5) Vinyl chloride	1.33	62	117723	5.15	ug/L	99
6) Bromomethane	1.53	94	37361	3.92	ug/L	95
8) Chloroethane	1.60	64	78873	5.17	ug/L	98
9) Trichlorofluoromethane	1.77	101	200097	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112291	5.28	ug/L	99
12) 1,1-Dichloroethene	2.14	96	96383	5.14	ug/L	92
13) Acetone	2.19	43	183602	65.88	ug/L	100
14) Carbon disulfide	2.32	76	280314	5.02	ug/L	99
15) Methyl Acetate	2.46	43	46632	6.05	ug/L	95
16) Methylene chloride	2.54	84	111209	5.13	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	268813	5.69	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	107433	5.12	ug/L	97
19) 1,1-Dichloroethane	3.23	63	220709	5.85	ug/L	99
21) 2-Butanone	4.04	43	243902	62.61	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	105486	5.26	ug/L	98

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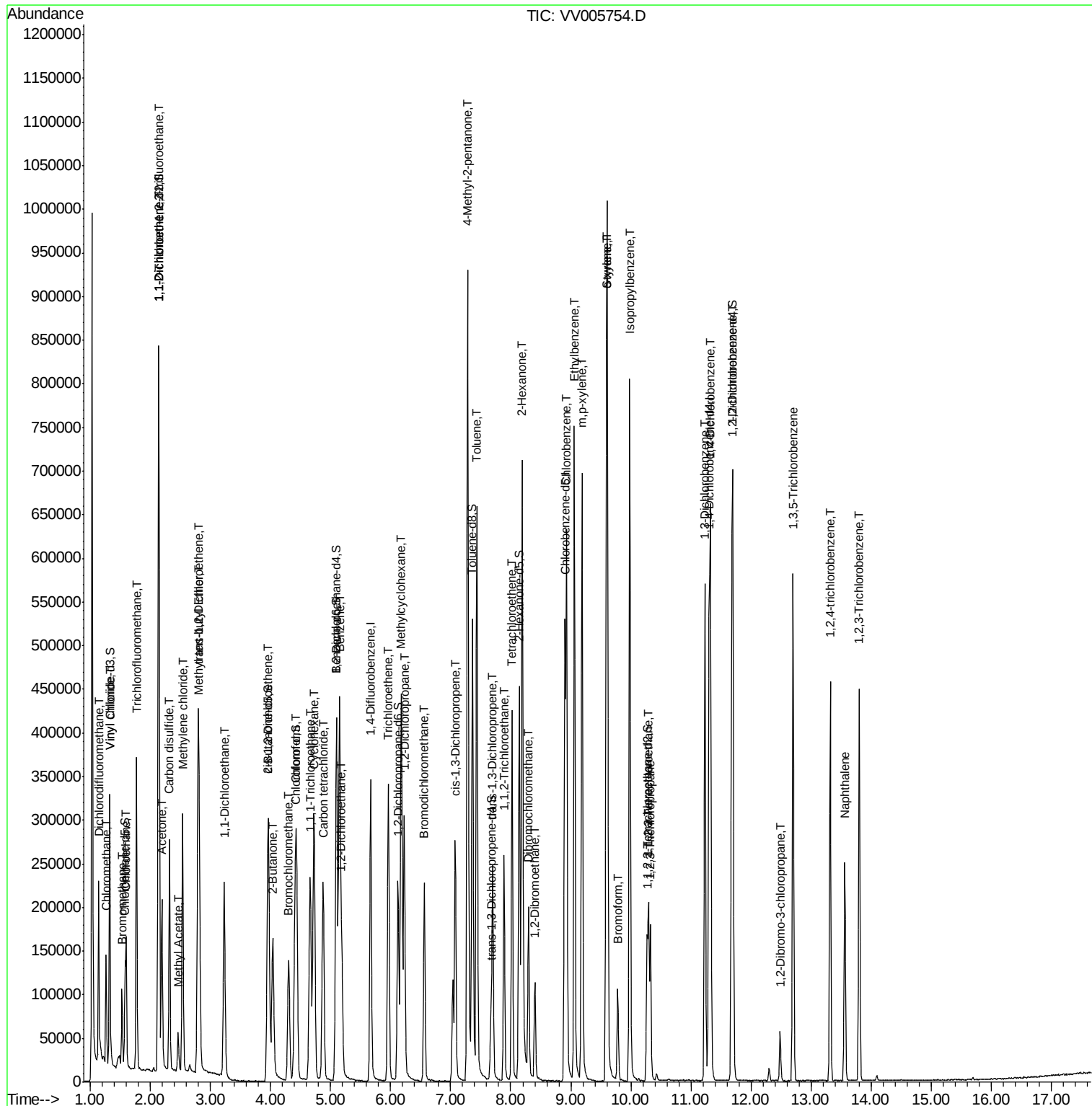
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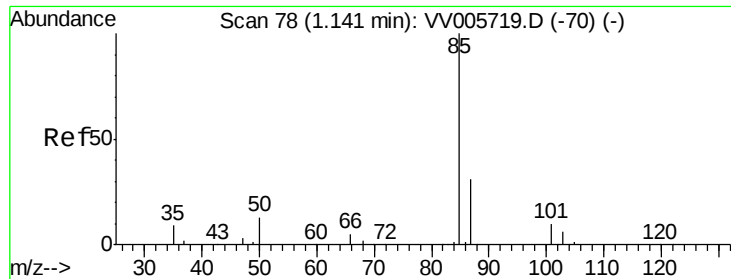
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	42562	5.28	ug/L	97
25) Chloroform	4.43	83	221795	5.85	ug/L	97
27) 1,2-Dichloroethane	5.19	62	138673	5.75	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	184182	5.32	ug/L	98
30) Cyclohexane	4.73	56	145777	4.84	ug/L	99
31) Carbon tetrachloride	4.88	117	160708	5.26	ug/L	98
33) Benzene	5.15	78	407706	5.29	ug/L	100
34) Trichloroethene	5.96	95	112572	5.08	ug/L	98
35) Methylcyclohexane	6.18	83	159314	4.87	ug/L	96
37) 1,2-Dichloropropane	6.23	63	107959	5.39	ug/L	100
38) Bromodichloromethane	6.56	83	143426	5.58	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	147660	5.55	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	630820	62.90	ug/L	99
42) Toluene	7.44	91	450660	5.44	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	120927	5.46	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	75729	5.84	ug/L	97
47) Tetrachloroethene	8.02	164	83424	5.15	ug/L	96
48) 2-Hexanone	8.19	43	455781	64.70	ug/L	100
49) Dibromochloromethane	8.30	129	90679	5.95	ug/L	94
50) 1,2-Dibromoethane	8.40	107	67334	5.75	ug/L	98
51) Chlorobenzene	8.93	112	296016	5.36	ug/L	98
52) Ethylbenzene	9.06	91	499055	5.35	ug/L	100
53) m,p-xylene	9.19	106	186966	5.51	ug/L	99
54) o-xylene	9.59	106	181220	5.50	ug/L	99
55) Styrene	9.61	104	311285	5.78	ug/L	99
56) Isopropylbenzene	9.98	105	499550	5.58	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.30	83	85474	6.21	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	67268	6.11	ug/L	100
61) Bromoform	9.78	173	41894	5.78	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	212882	5.18	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	219177	5.21	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	210783	5.39	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13979	6.16	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	157669	5.23	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	117657	5.42	ug/L	100
69) Naphthalene	13.56	128	186462	5.74	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	115846	5.55	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 5.18 ug/L

RT: 1.14 min Scan# 78

Delta R.T. -0.00 min

Lab File: VV005754.D

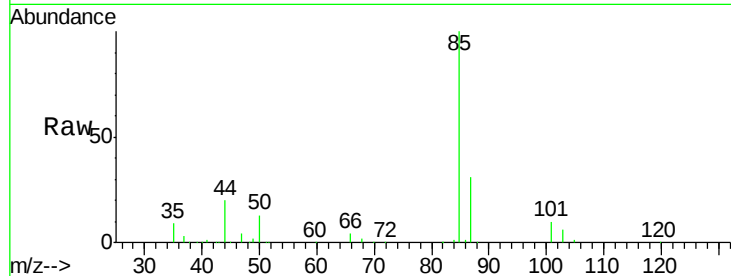
Acq: 03 May 2018 10:27

Tgt Ion: 85 Resp: 127410

Ion Ratio Lower Upper

85 100

87 30.8 22.6 33.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

100000

80000

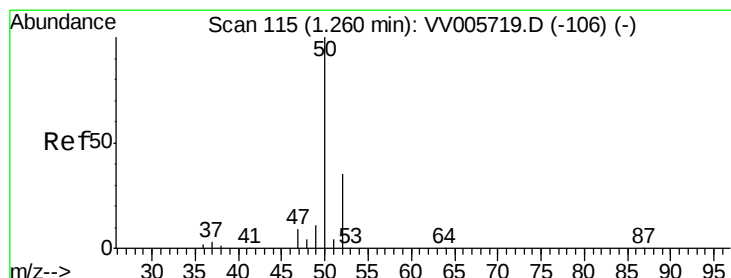
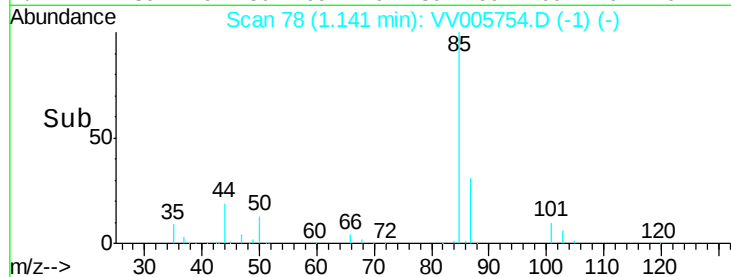
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 5.07 ug/L

RT: 1.26 min Scan# 116

Delta R.T. -0.00 min

Lab File: VV005754.D

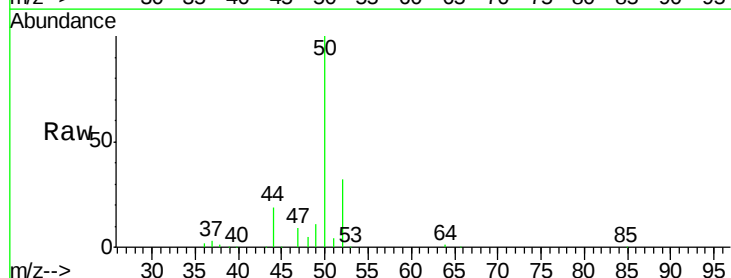
Acq: 03 May 2018 10:27

Tgt Ion: 50 Resp: 105155

Ion Ratio Lower Upper

50 100

52 31.7 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.26

80000

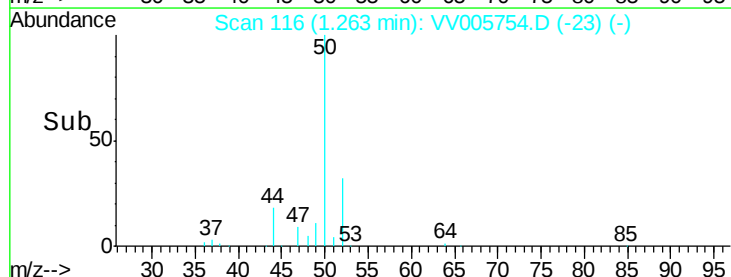
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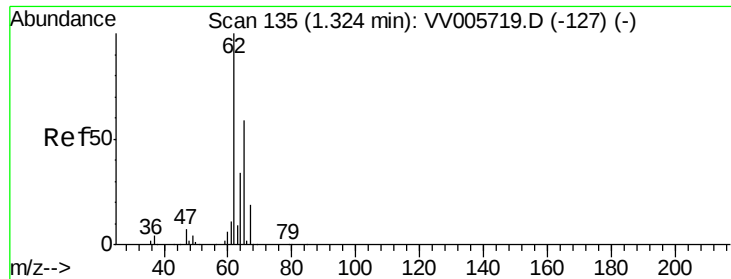
40000

20000

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Time-->





#5

Vinyl chloride

Concen: 5.15 ug/L

RT: 1.33 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV005754.D

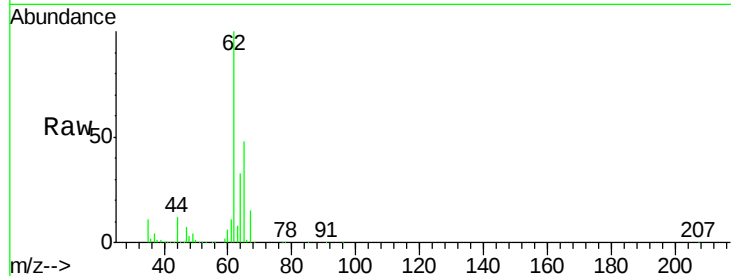
Acq: 03 May 2018 10:27

Tgt Ion: 62 Resp: 117723

Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.33

120000

100000

80000

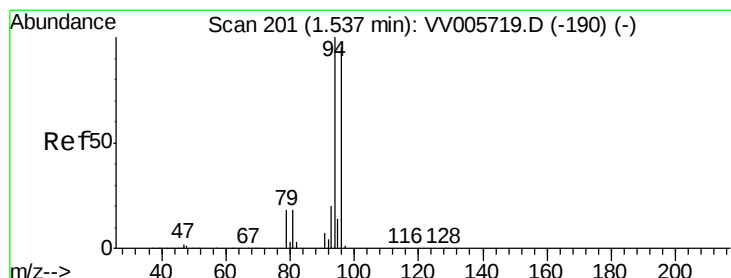
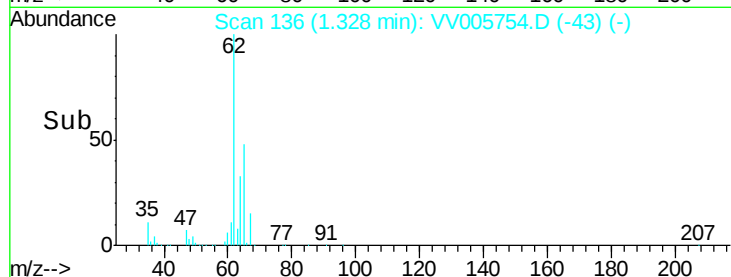
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 3.92 ug/L

RT: 1.53 min Scan# 199

Delta R.T. -0.01 min

Lab File: VV005754.D

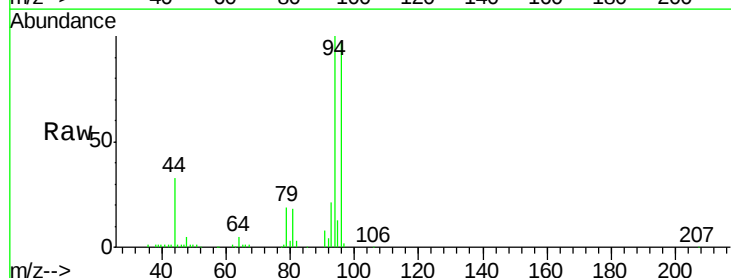
Acq: 03 May 2018 10:27

Tgt Ion: 94 Resp: 37361

Ion Ratio Lower Upper

94 100

96 97.1 64.5 119.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.53

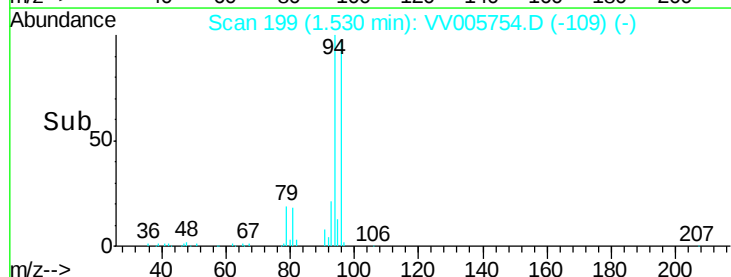
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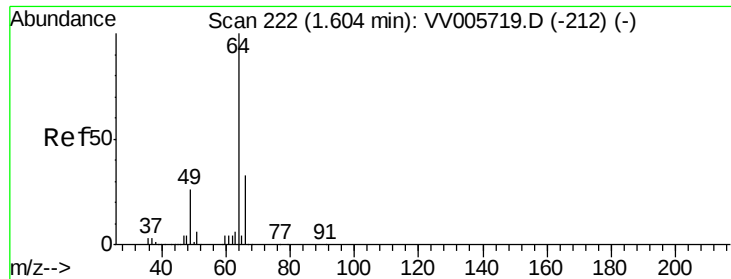
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10000

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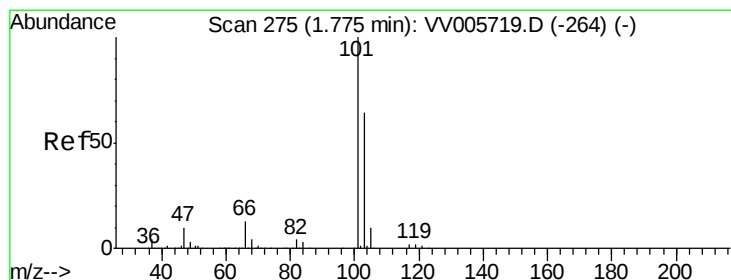
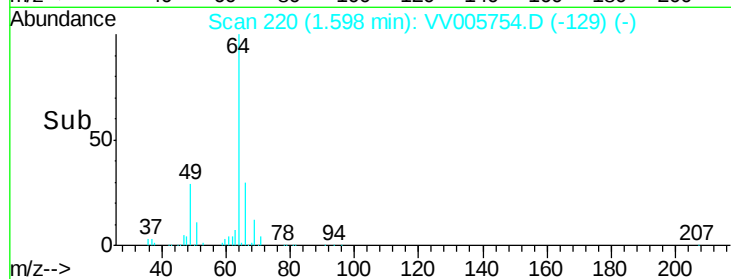
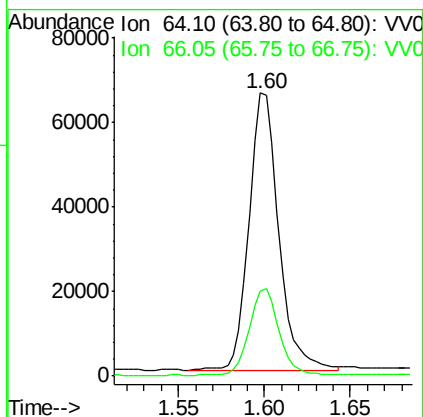
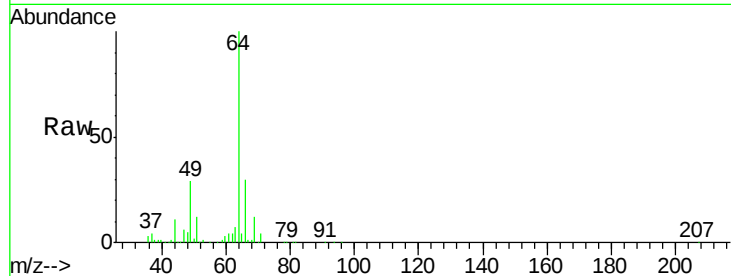
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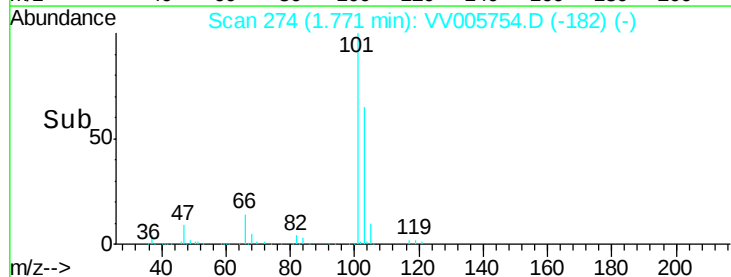
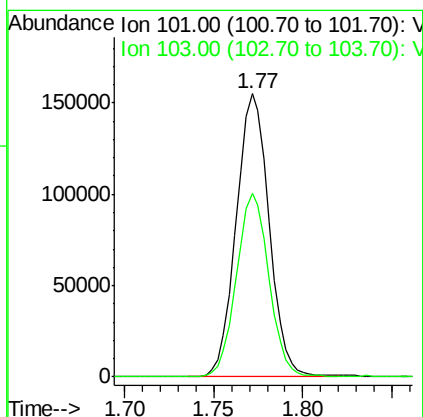
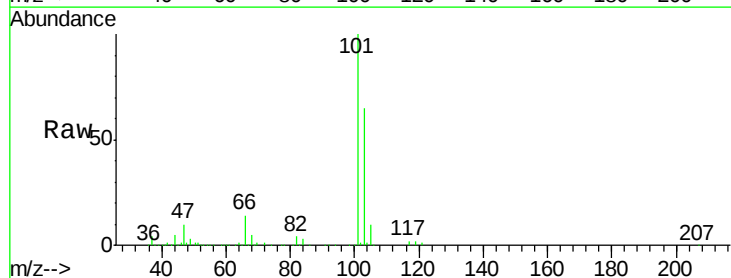
#8
Chloroethane
Concen: 5.17 ug/L
RT: 1.60 min Scan# 220
Delta R.T. -0.01 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

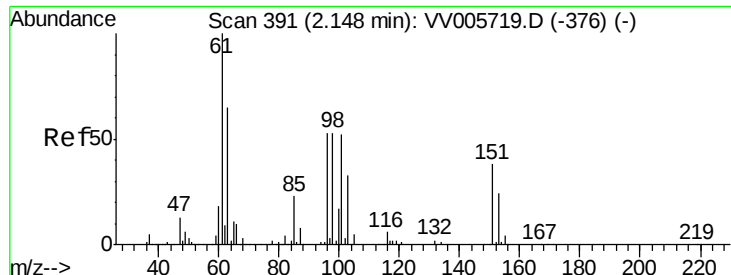
Tgt Ion: 64 Resp: 78873
Ion Ratio Lower Upper
64 100
66 30.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.16 ug/L
RT: 1.77 min Scan# 274
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

Tgt Ion: 101 Resp: 200097
Ion Ratio Lower Upper
101 100
103 63.9 50.9 76.3





#10

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

Concen: 5.28 ug/L

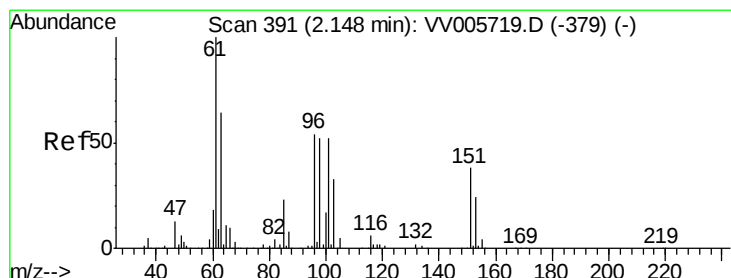
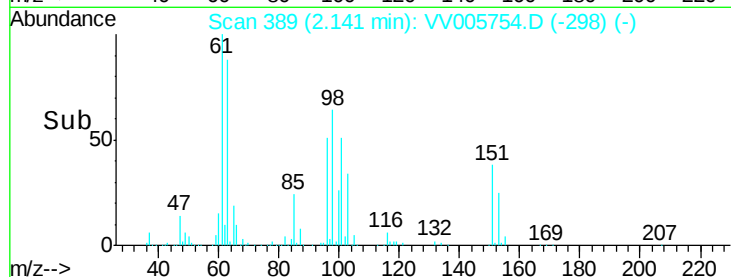
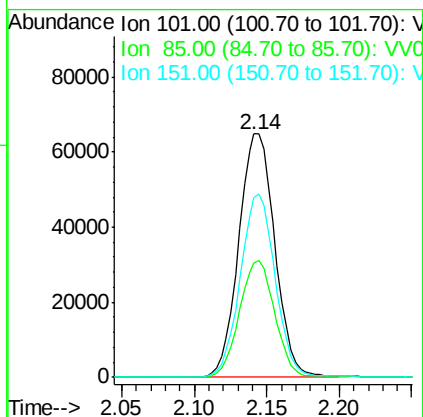
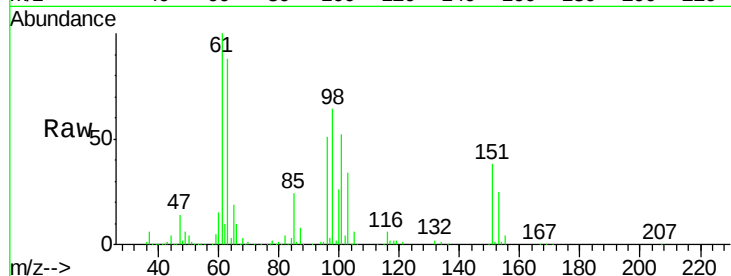
RT: 2.14 min Scan# 389

Delta R.T. -0.01 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

Tgt Ion:	101	Resp:	112291
Ion	Ratio	Lower	Upper
101	100		
85	46.9	36.6	55.0
151	72.9	58.4	87.6



#12

1,1-Dichloroethene

Concen: 5.14 ug/L

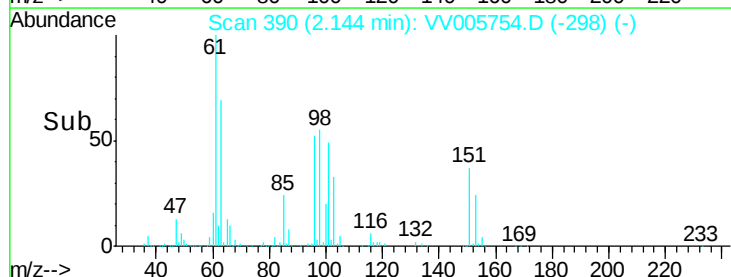
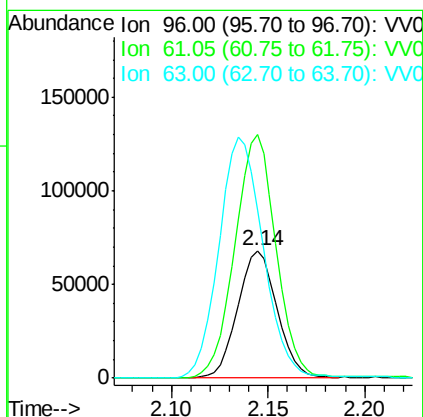
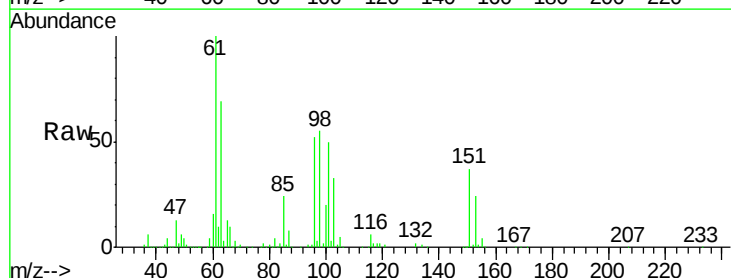
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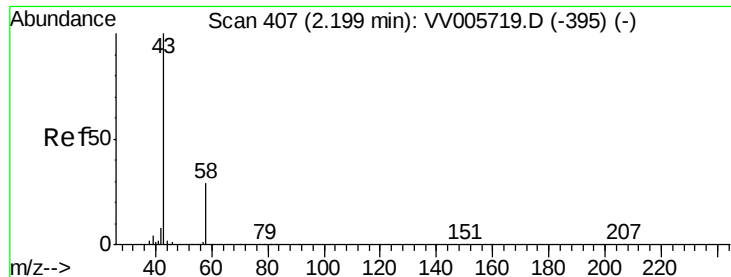
Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

Tgt Ion:	96	Resp:	96383
Ion	Ratio	Lower	Upper
96	100		
61	191.1	128.9	239.3
63	132.2	83.2	154.6





#13

Acetone

Concen: 65.88 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.00 min

Lab File: VV005754.D

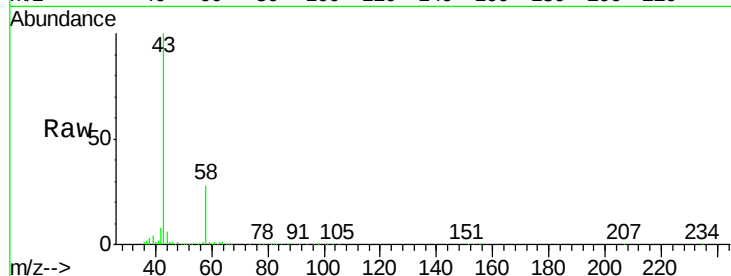
Acq: 03 May 2018 10:27

Tgt Ion: 43 Resp: 183602

Ion Ratio Lower Upper

43 100

58 28.8 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV005719.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV005719.D (-395) (-)

2.19

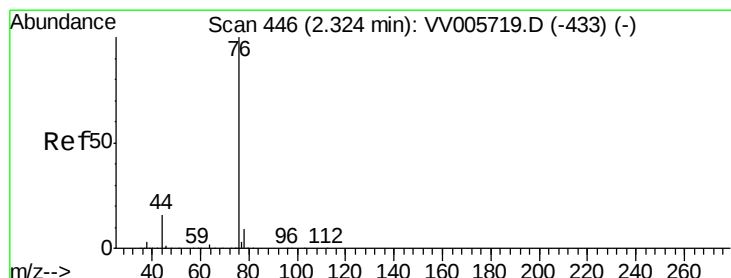
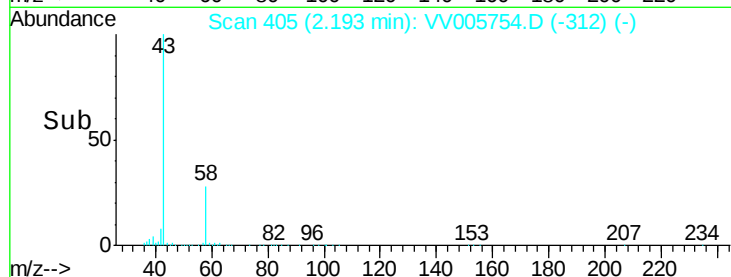
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50000

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Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 5.02 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV005754.D

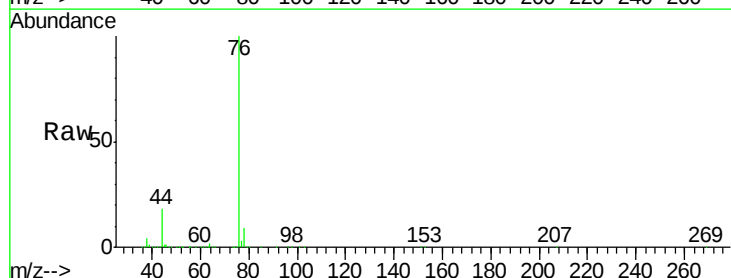
Acq: 03 May 2018 10:27

Tgt Ion: 76 Resp: 280314

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV005719.D (-433) (-)

Ion 78.00 (77.70 to 78.70): VV005719.D (-433) (-)

2.32

200000

150000

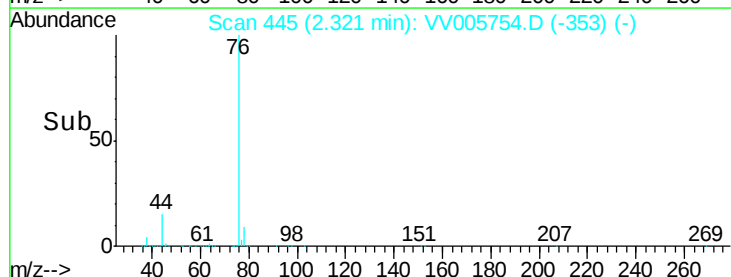
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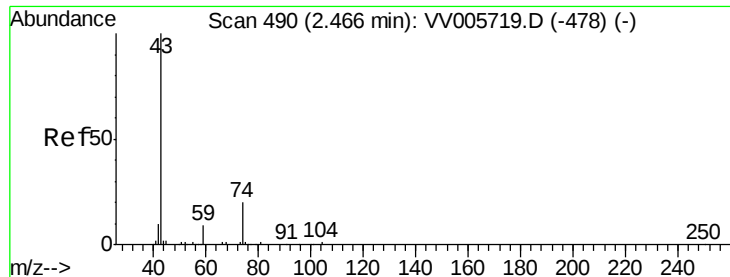
50000

0

Time-->

2.25 2.30 2.35 2.40





#15

Methyl Acetate

Concen: 6.05 ug/L

RT: 2.46 min Scan# 489

Delta R.T. -0.00 min

Lab File: VV005754.D

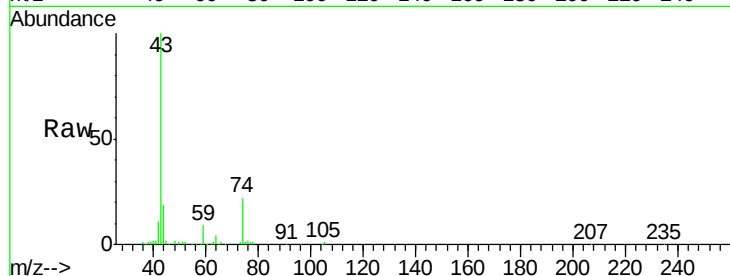
Acq: 03 May 2018 10:27

Tgt Ion: 43 Resp: 46632

Ion Ratio Lower Upper

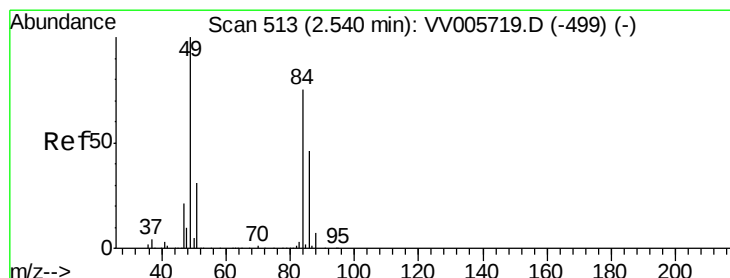
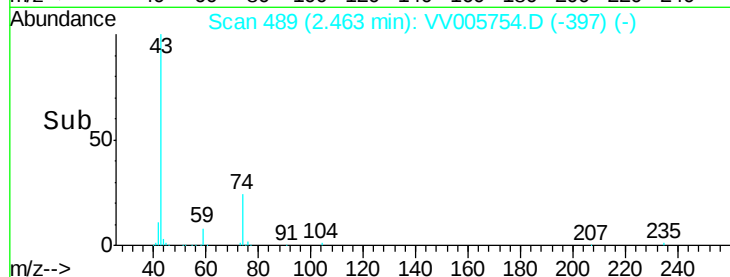
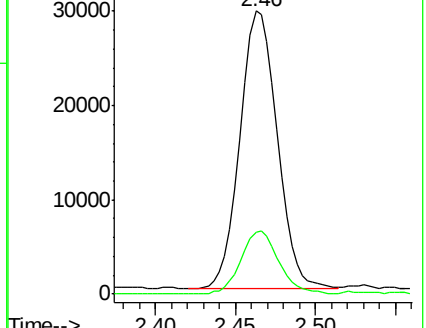
43 100

74 23.5 17.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VV005719.D (-478) (-)

Ion 74.05 (73.75 to 74.75): VV005719.D (-478) (-)



#16

Methylene chloride

Concen: 5.13 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

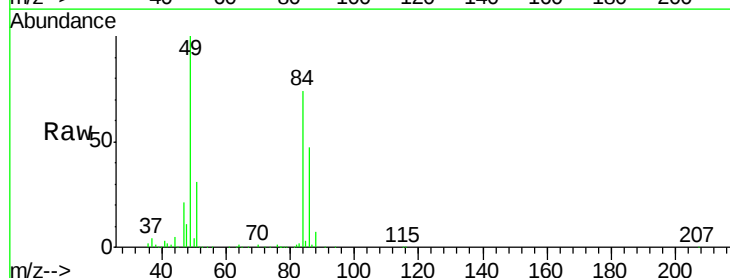
Tgt Ion: 84 Resp: 111209

Ion Ratio Lower Upper

84 100

86 63.6 44.1 81.9

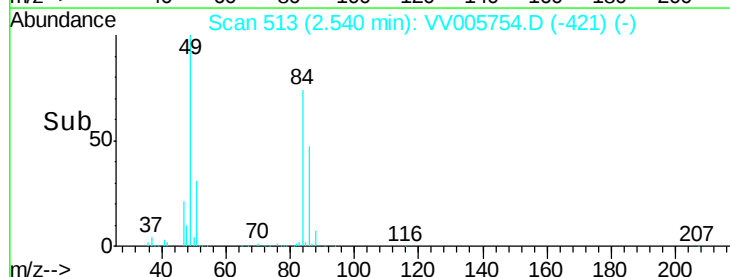
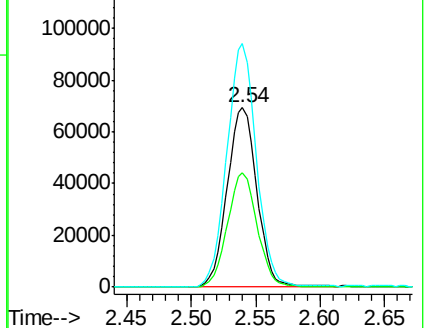
49 135.6 92.1 171.1

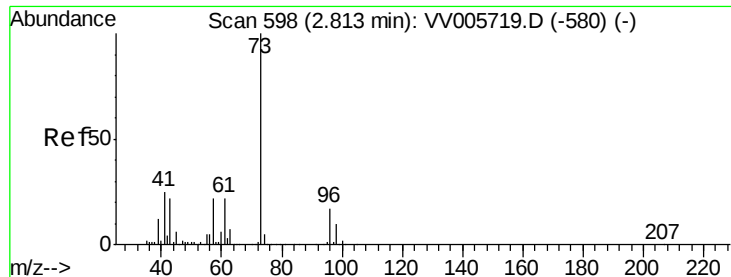


Abundance Ion 84.05 (83.75 to 84.75): VV005719.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV005719.D (-499) (-)

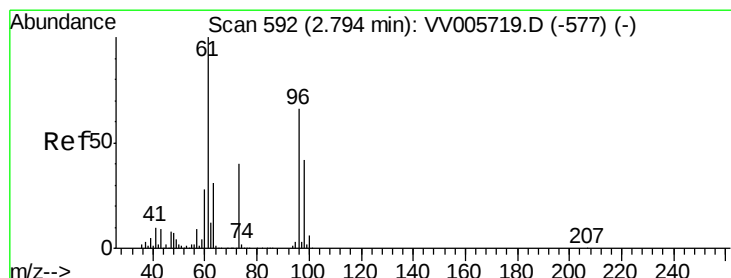
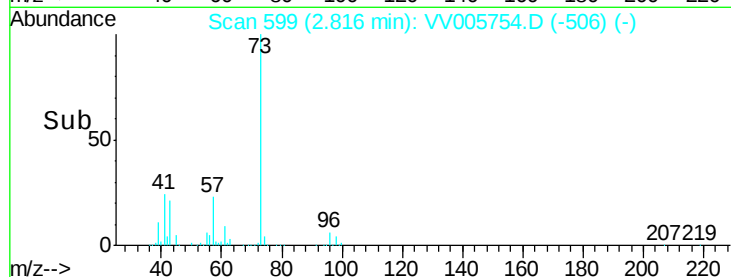
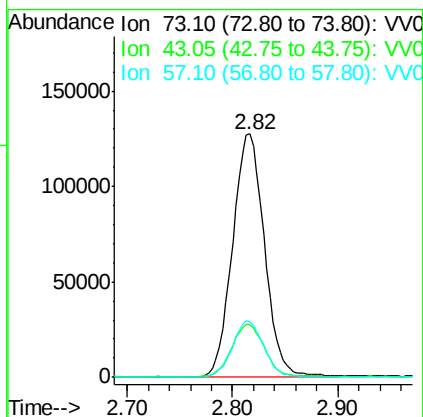
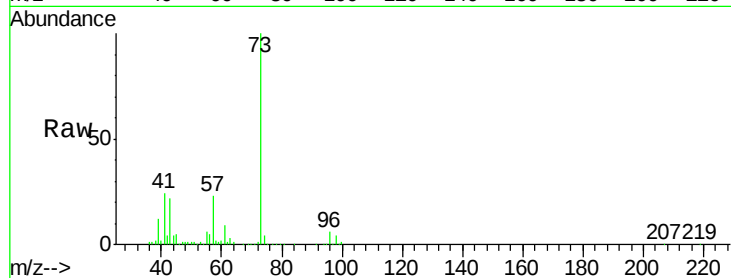
Ion 49.10 (48.80 to 49.80): VV005719.D (-499) (-)





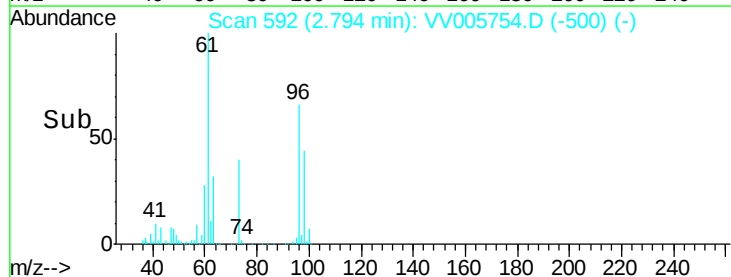
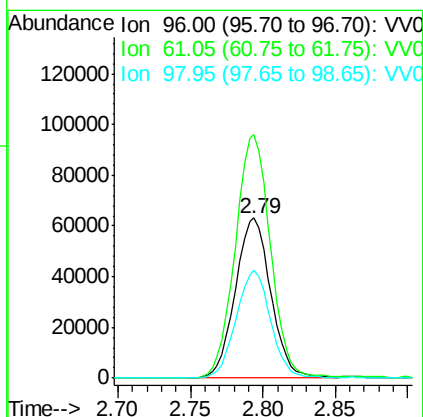
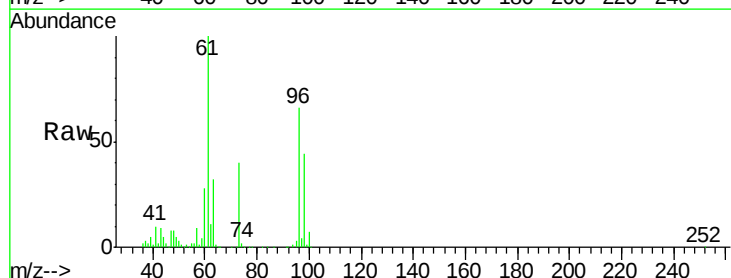
#17
Methyl tert-butyl Ether
Concen: 5.69 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

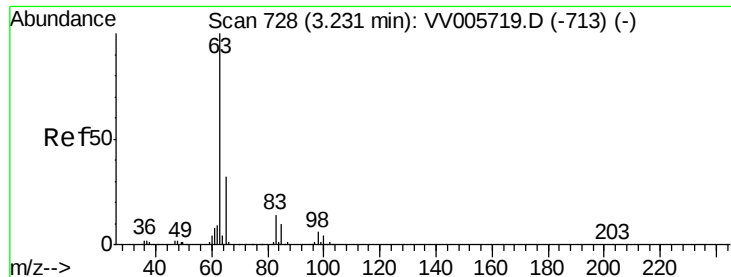
Tgt Ion: 73 Resp: 268813
Ion Ratio Lower Upper
73 100
43 21.6 17.4 26.2
57 22.8 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.12 ug/L
RT: 2.79 min Scan# 592
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

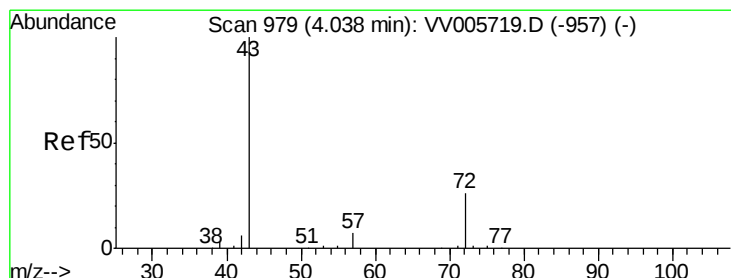
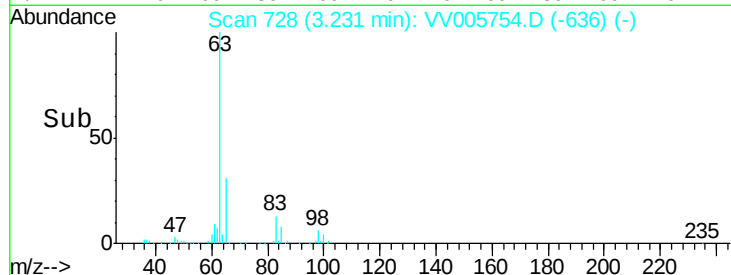
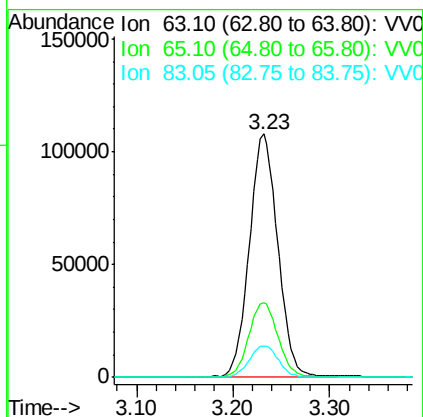
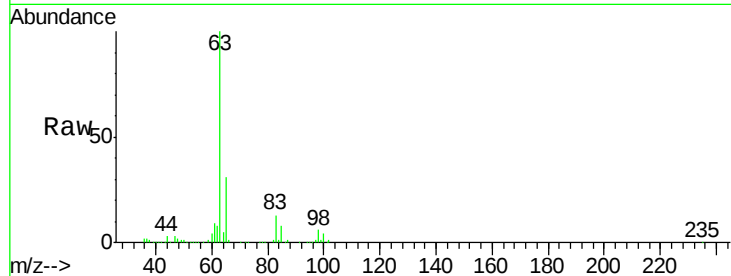
Tgt Ion: 96 Resp: 107433
Ion Ratio Lower Upper
96 100
61 151.8 104.4 193.8
98 67.1 44.0 81.6





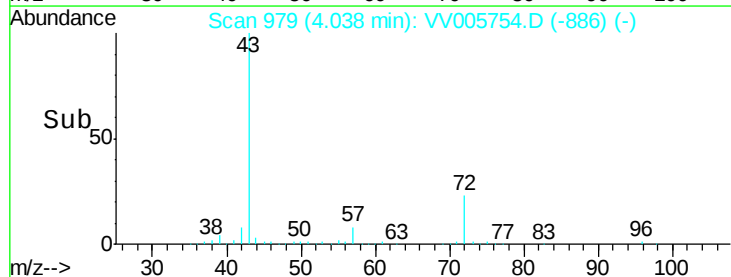
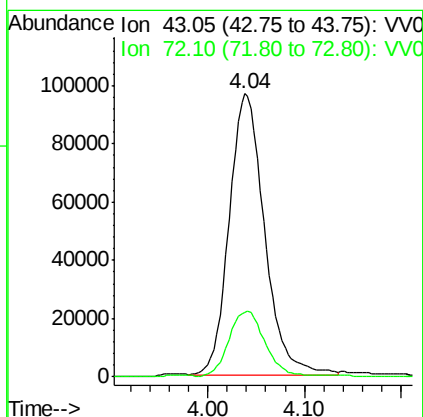
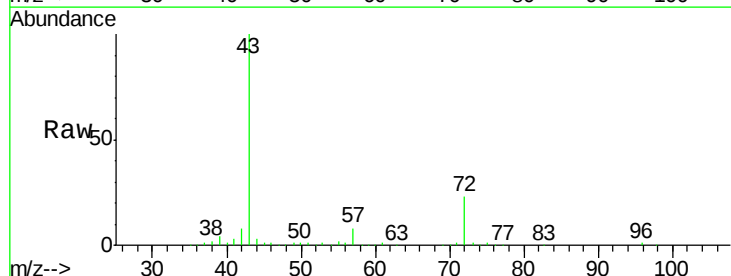
#19
 1,1-Dichloroethane
 Concen: 5.85 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

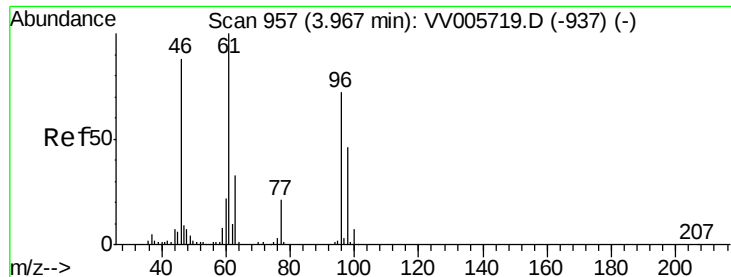
Tgt Ion:	63	Resp:	220709
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.5	39.9
83	13.0	9.6	17.8



#21
 2-Butanone
 Concen: 62.61 ug/L
 RT: 4.04 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion:	43	Resp:	243902
Ion	Ratio	Lower	Upper
43	100		
72	23.5	12.4	37.2





#22

cis-1,2-Dichloroethene

Concen: 5.26 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

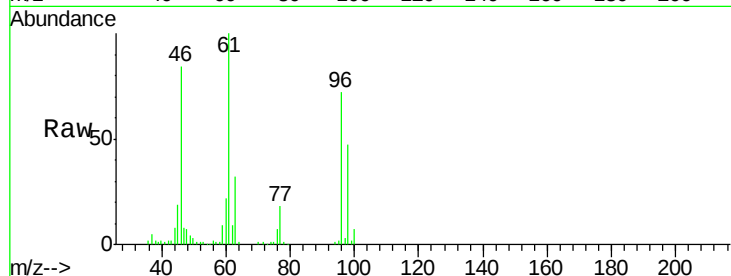
Tgt Ion: 96 Resp: 105486

Ion Ratio Lower Upper

96 100

61 138.5 95.3 177.1

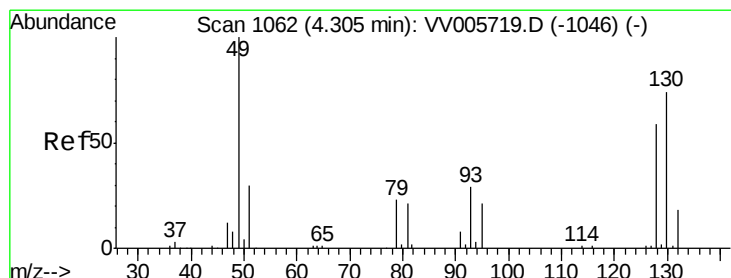
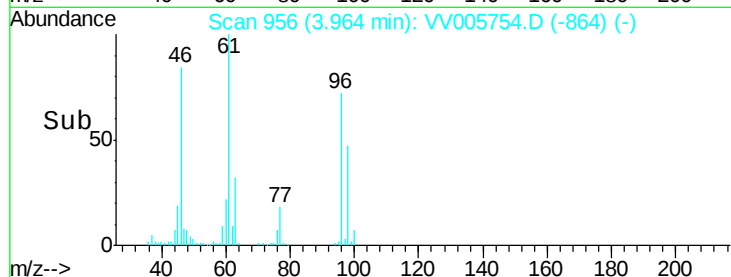
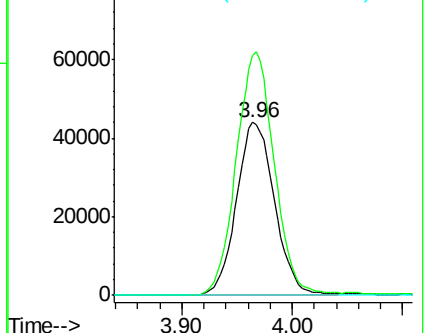
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV005719.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV005719.D (-937) (-)

Ion 68.15 (67.85 to 68.85): VV005719.D (-937) (-)



#23

Bromochloromethane

Concen: 5.28 ug/L

RT: 4.31 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

Tgt Ion: 128 Resp: 42562

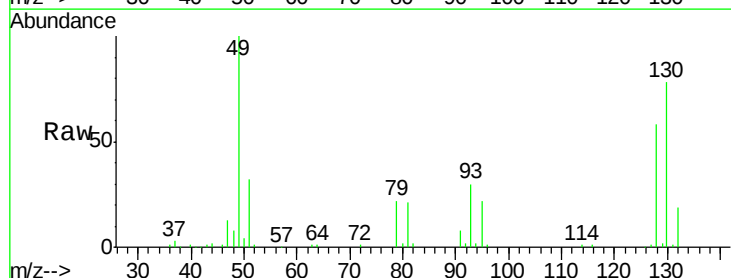
Ion Ratio Lower Upper

128 100

49 171.7 120.6 224.0

130 133.9 88.0 163.4

51 54.7 42.2 63.2

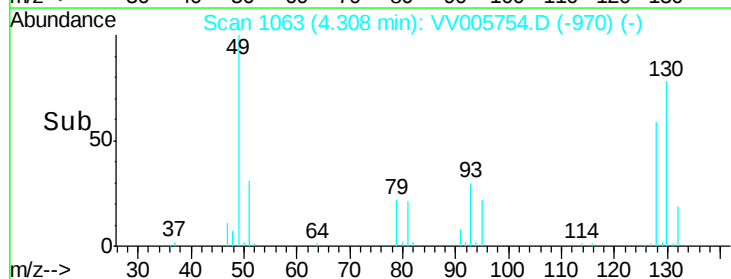
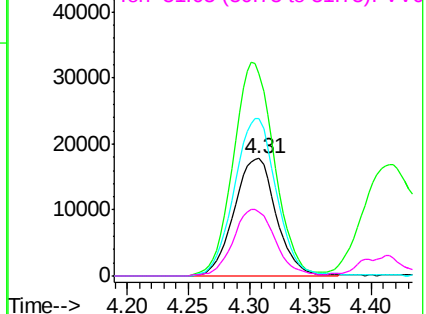


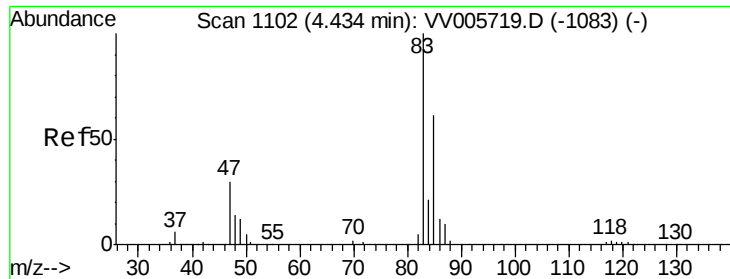
Abundance Ion 127.90 (127.60 to 128.60): VV005719.D (-1046) (-)

Ion 49.10 (48.80 to 49.80): VV005719.D (-1046) (-)

Ion 129.95 (129.65 to 130.65): VV005719.D (-1046) (-)

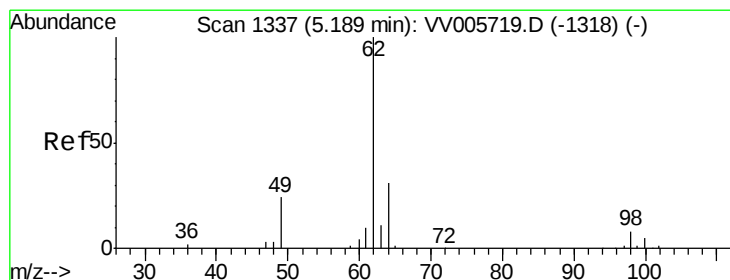
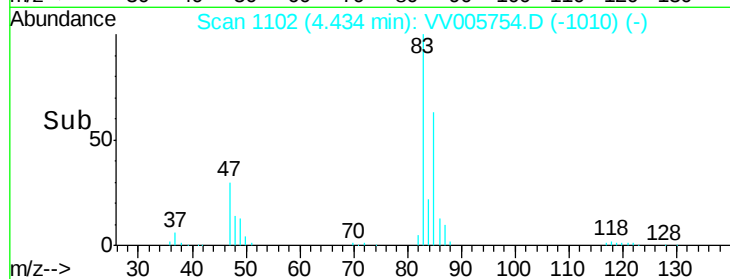
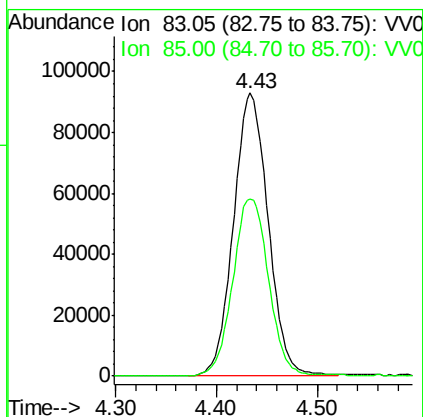
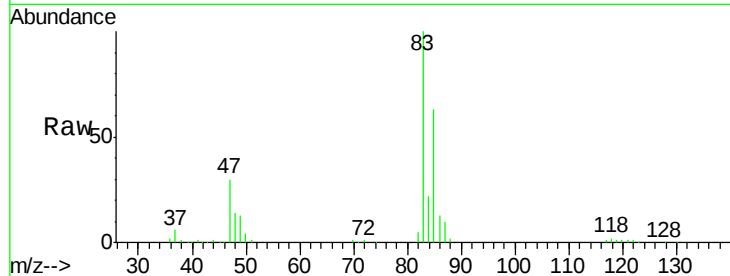
Ion 51.05 (50.75 to 51.75): VV005719.D (-1046) (-)





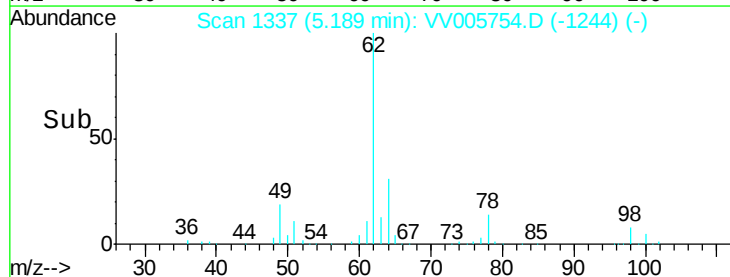
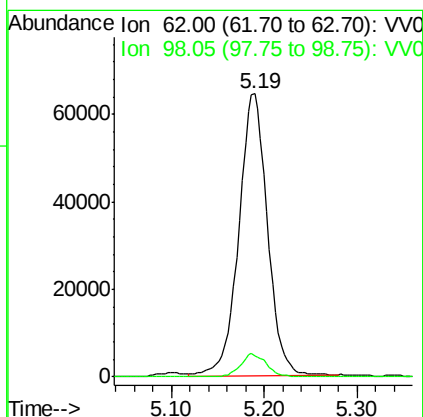
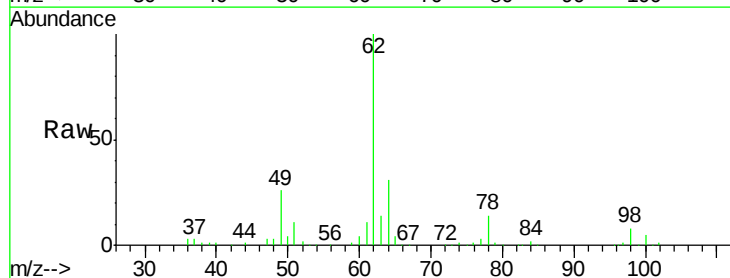
#25
Chloroform
Concen: 5.85 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

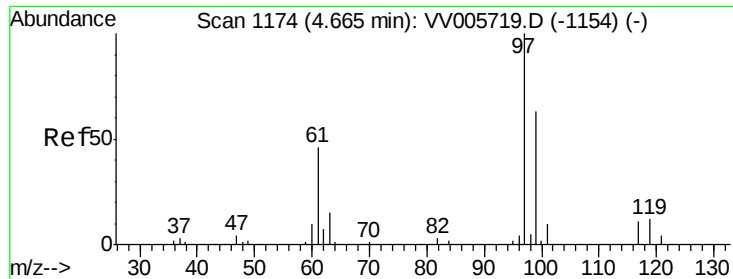
Tgt Ion: 83 Resp: 221795
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.75 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

Tgt Ion: 62 Resp: 138673
Ion Ratio Lower Upper
62 100
98 7.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.32 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

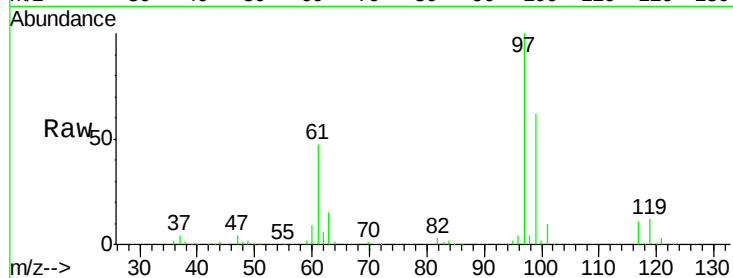
Tgt Ion: 97 Resp: 184182

Ion Ratio Lower Upper

97 100

99 62.6 51.2 76.8

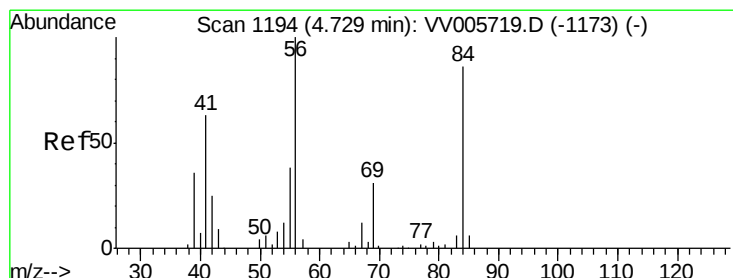
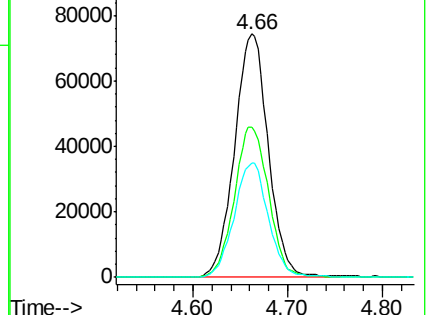
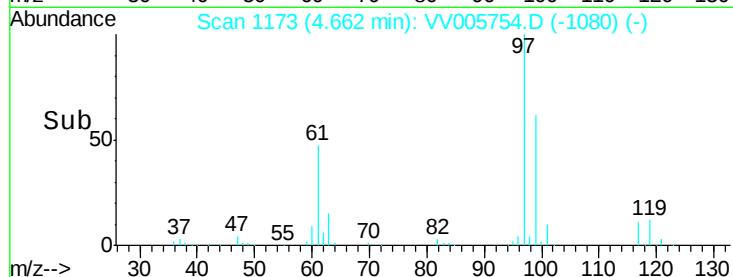
61 47.6 39.2 58.8



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 4.84 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

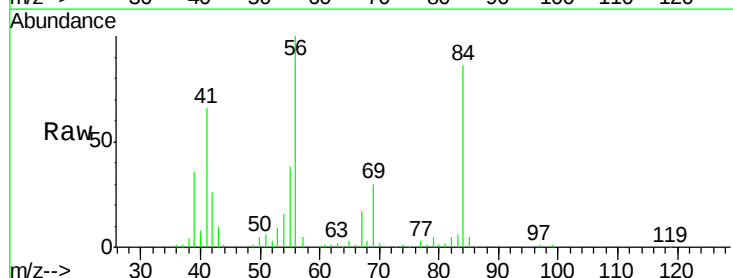
Tgt Ion: 56 Resp: 145777

Ion Ratio Lower Upper

56 100

69 30.3 25.0 37.6

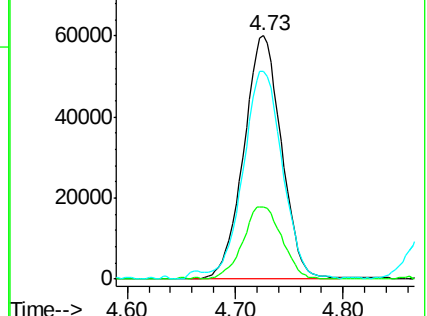
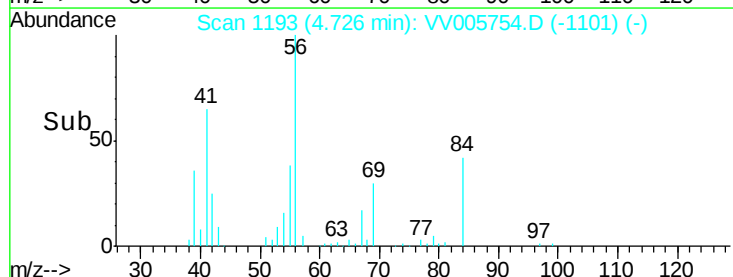
84 88.0 70.1 105.1

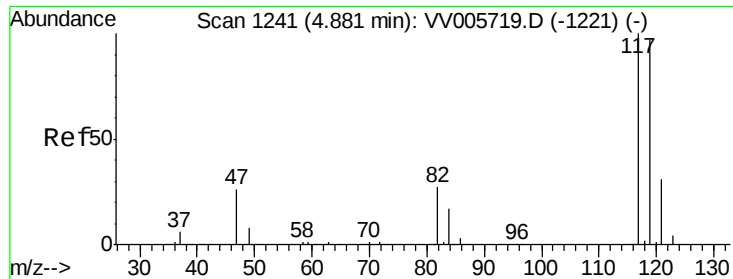


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.26 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV005754.D

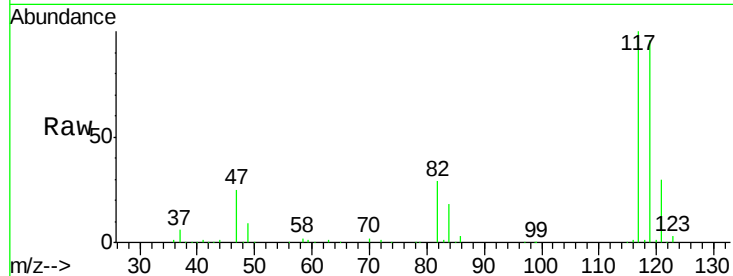
Acq: 03 May 2018 10:27

Tgt Ion: 117 Resp: 160708

Ion Ratio Lower Upper

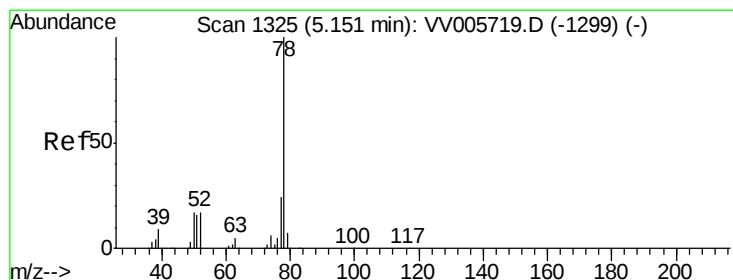
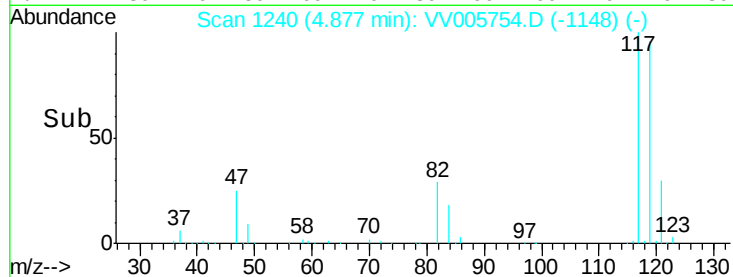
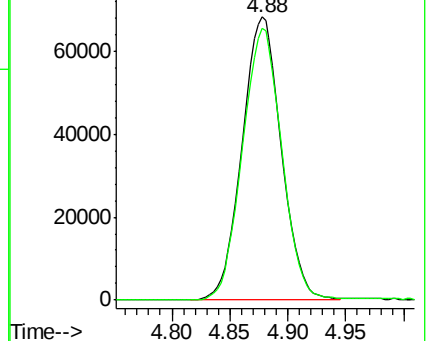
117 100

119 96.5 75.7 113.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.29 ug/L

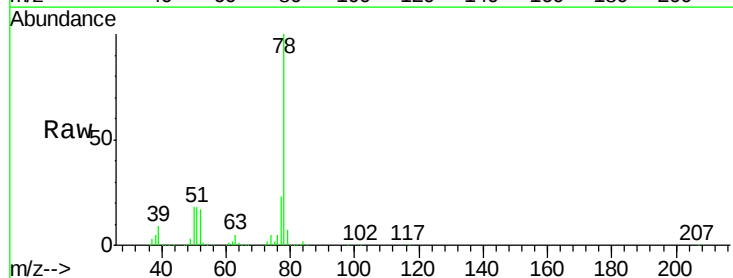
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

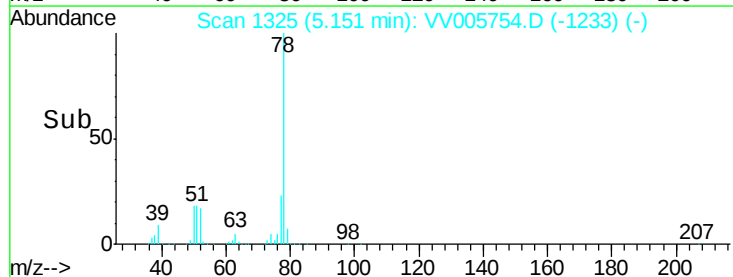
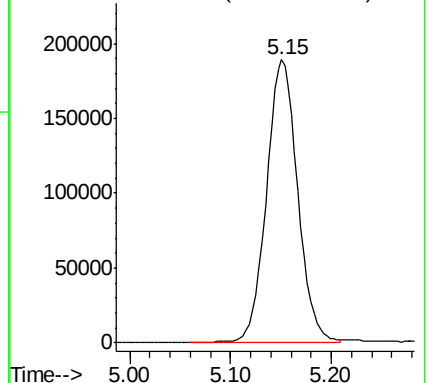
Lab File: VV005754.D

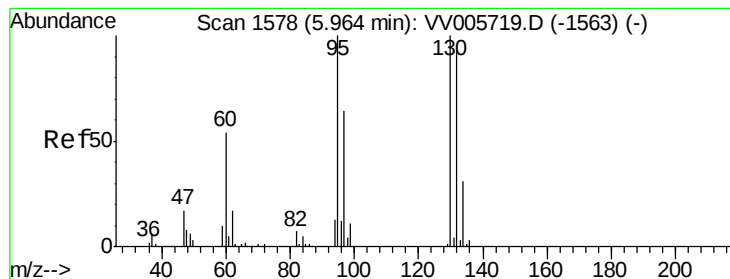
Acq: 03 May 2018 10:27

Tgt Ion: 78 Resp: 407706



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.08 ug/L

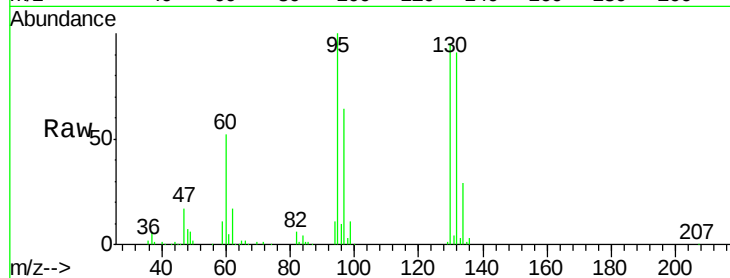
RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

Tgt Ion:	95	Resp:	112572
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	90.5	65.2	121.2
130	94.5	65.7	122.1

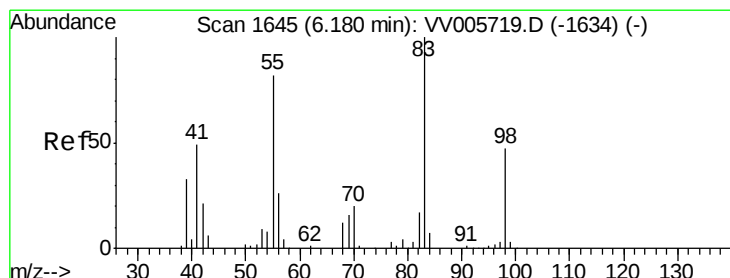
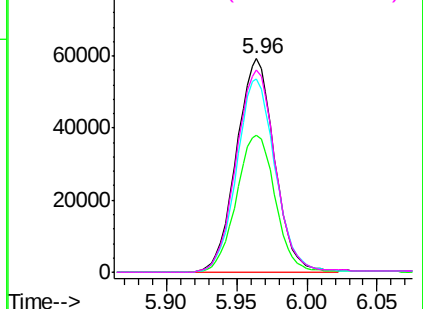
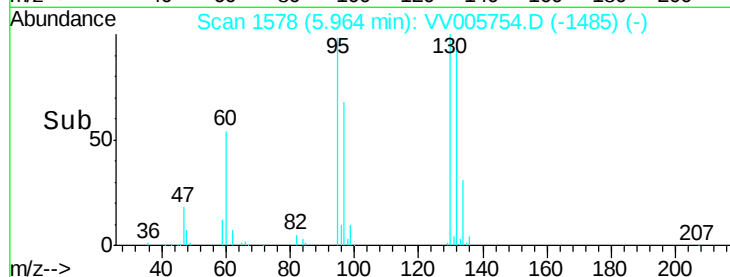


Abundance Ion 95.00 (94.70 to 95.70): VV005754.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV005754.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV005754.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV005754.D (-1485) (-)



#35

Methylcyclohexane

Concen: 4.87 ug/L

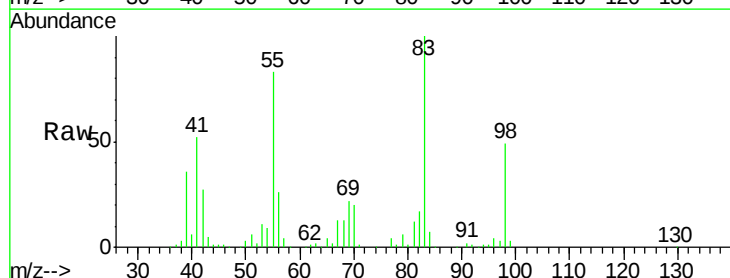
RT: 6.18 min Scan# 1645

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

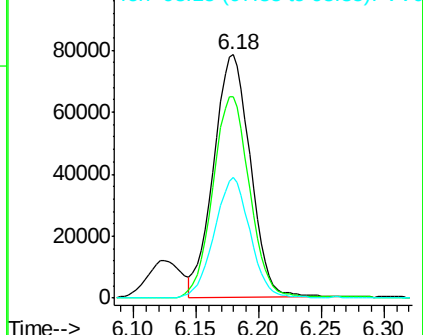
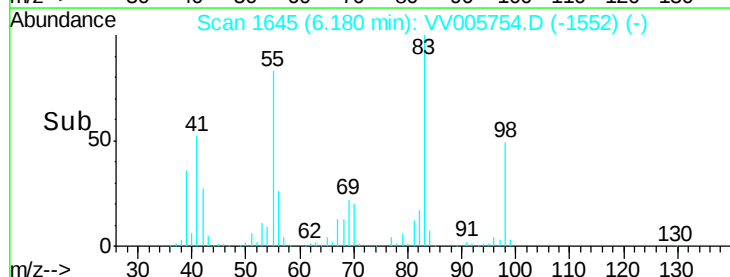
Tgt Ion:	83	Resp:	159314
Ion	Ratio	Lower	Upper
83	100		
55	83.4	63.4	95.0
98	48.7	37.1	55.7

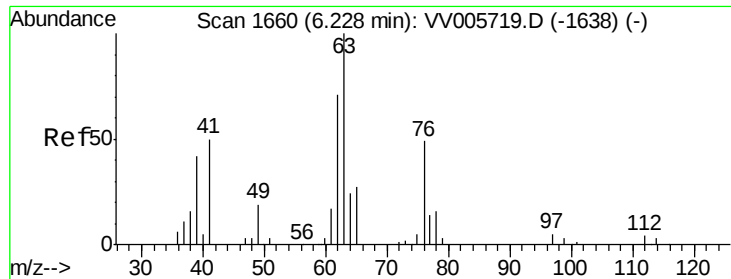


Abundance Ion 83.15 (82.85 to 83.85): VV005754.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV005754.D (-1552) (-)

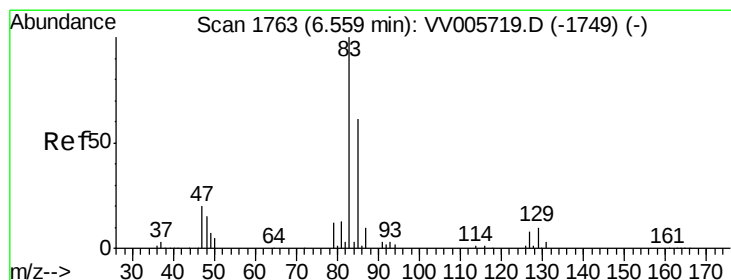
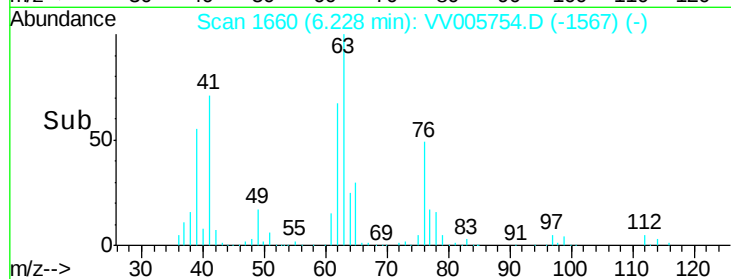
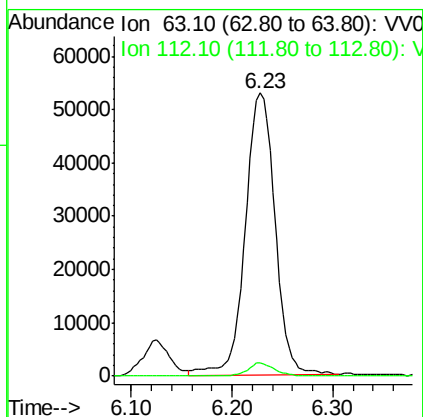
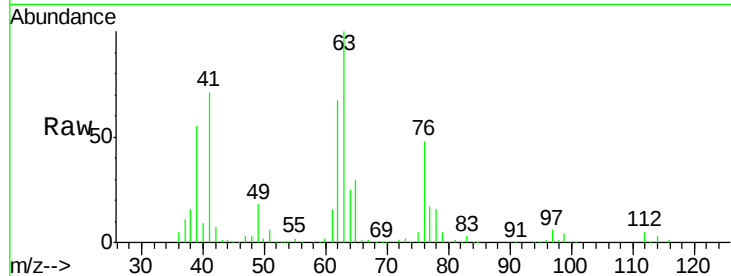
Ion 98.15 (97.85 to 98.85): VV005754.D (-1552) (-)





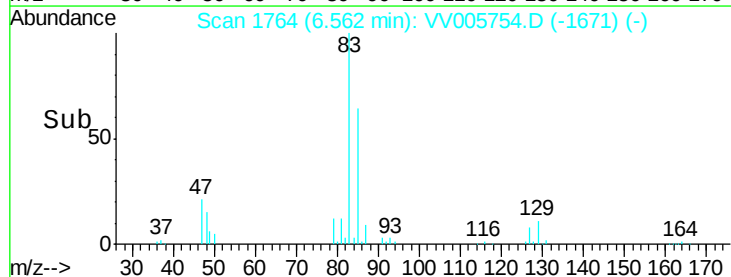
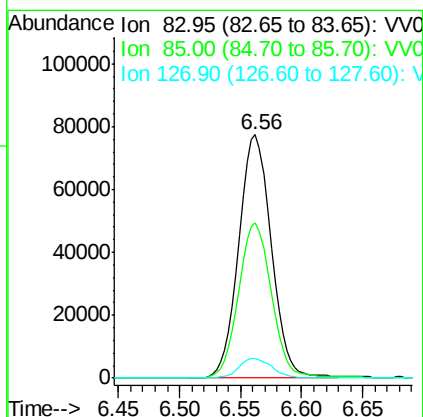
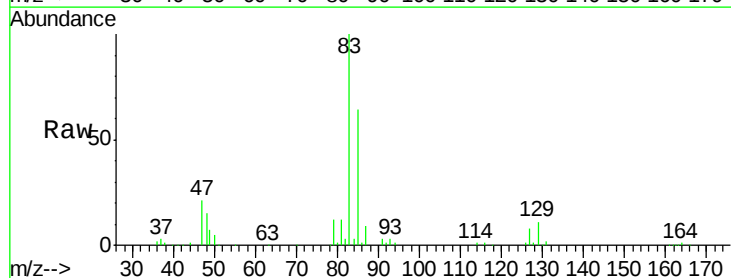
#37
 1,2-Dichloropropane
 Concen: 5.39 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

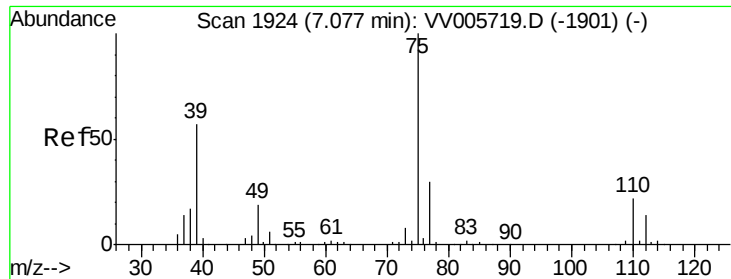
Tgt Ion: 63 Resp: 107959
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.4 5.0



#38
 Bromodichloromethane
 Concen: 5.58 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

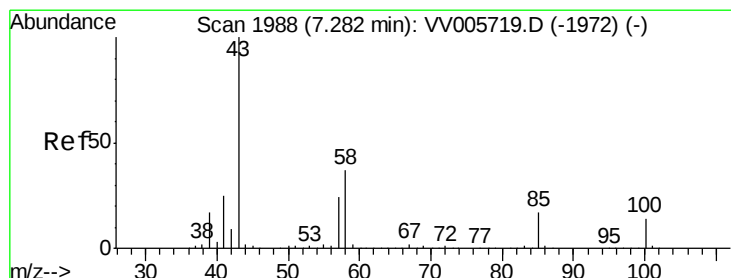
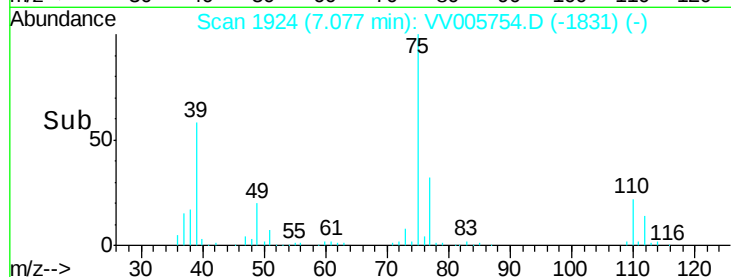
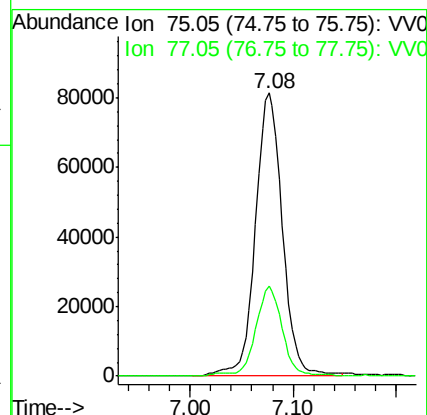
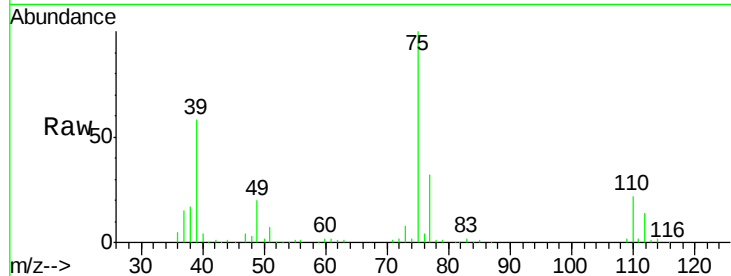
Tgt Ion: 83 Resp: 143426
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.1 81.9
 127 8.0 7.4 11.2





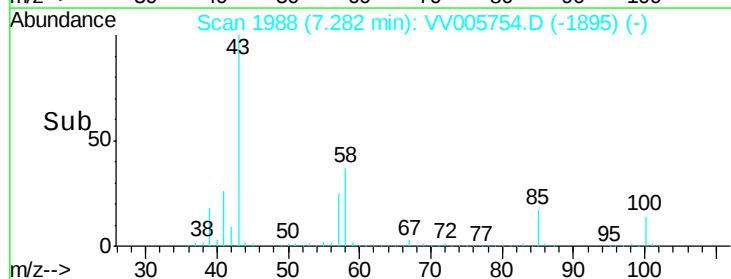
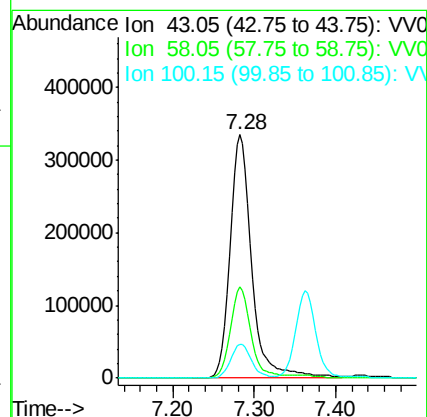
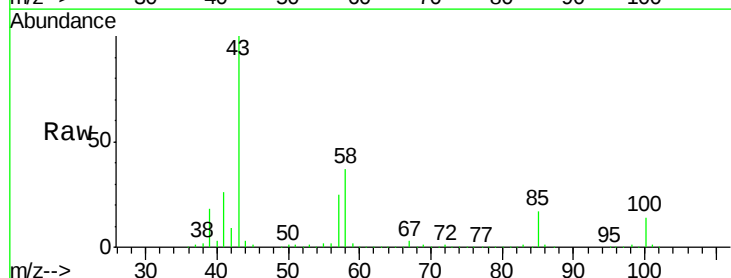
#39
 cis-1,3-Dichloropropene
 Concen: 5.55 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

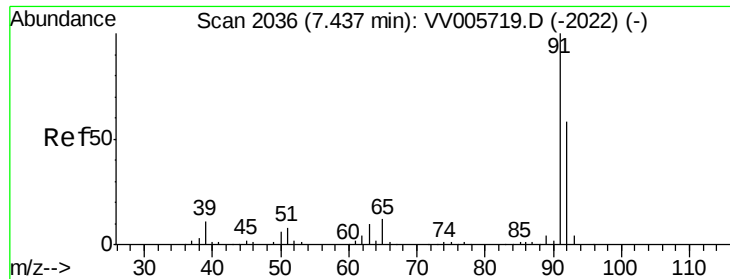
Tgt Ion: 75 Resp: 147660
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 62.90 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion: 43 Resp: 630820
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.0 42.0
 100 13.4 11.2 16.8





#42

Toluene

Concen: 5.44 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV005754.D

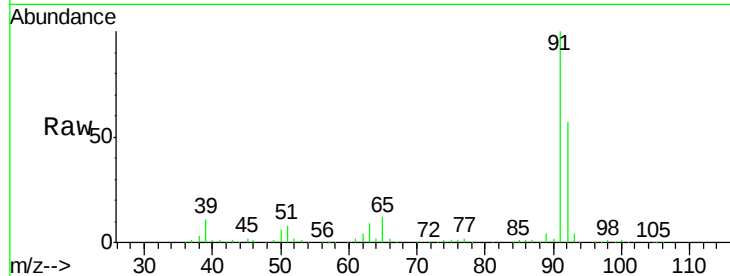
Acq: 03 May 2018 10:27

Tgt Ion: 91 Resp: 450660

Ion Ratio Lower Upper

91 100

92 56.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.44

250000

200000

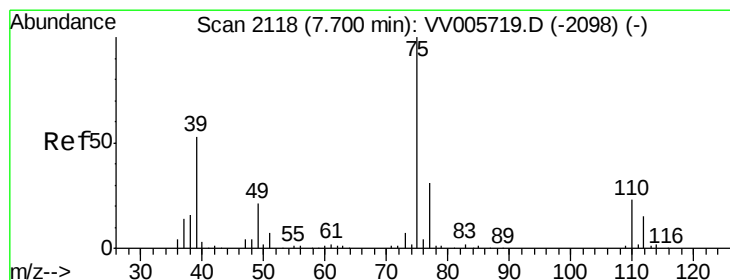
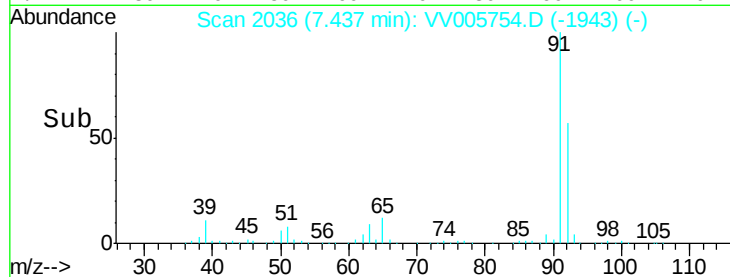
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.46 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV005754.D

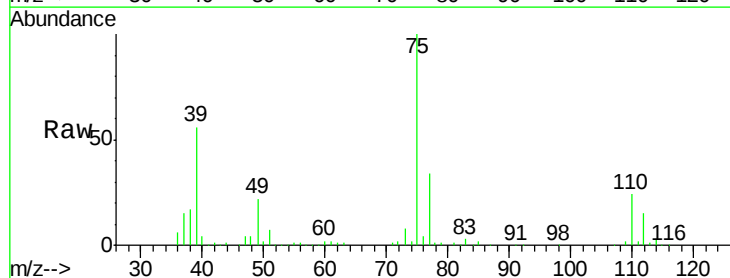
Acq: 03 May 2018 10:27

Tgt Ion: 75 Resp: 120927

Ion Ratio Lower Upper

75 100

77 33.9 21.4 39.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.70

80000

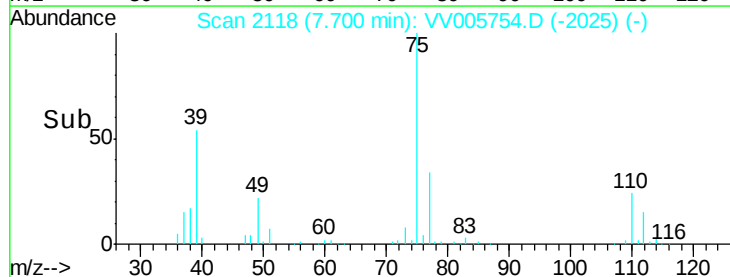
60000

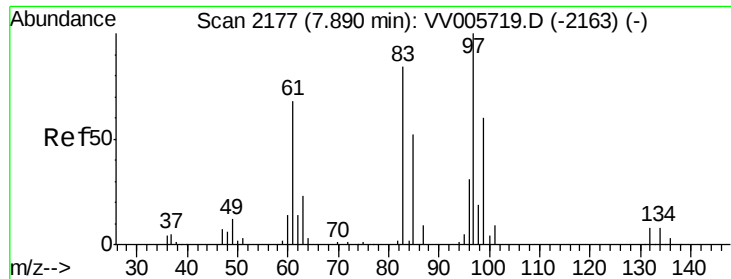
40000

20000

0

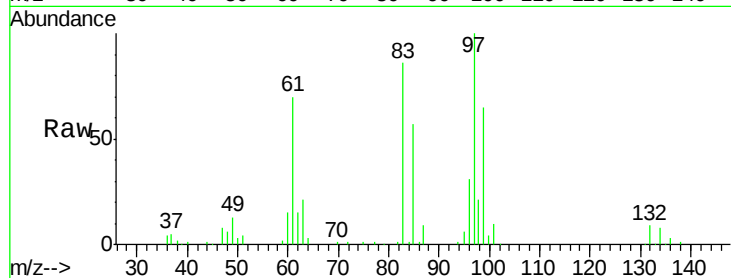
Time-->





#45
 1,1,2-Trichloroethane
 Concen: 5.84 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion:	97	Resp:	75729
Ion	Ratio	Lower	Upper
97	100		
99	64.7	42.5	78.9
83	85.7	60.5	112.3
85	56.9	38.3	71.1

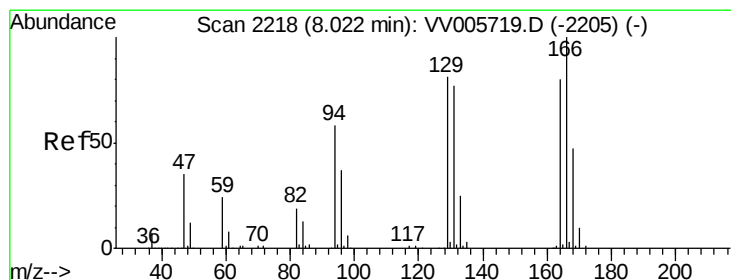
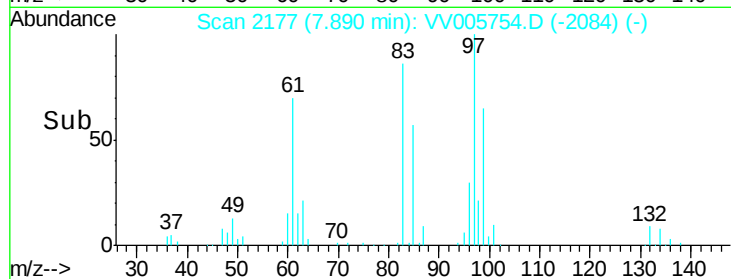
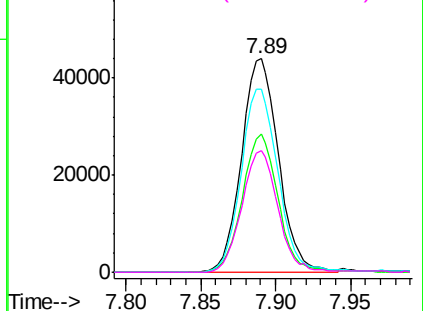


Abundance Ion 96.95 (96.65 to 97.65): VV005719.D (-2163) (-)

Ion 99.05 (98.75 to 99.75): VV005719.D (-2163) (-)

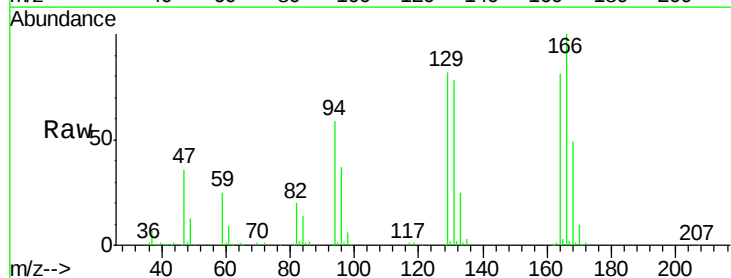
Ion 82.95 (82.65 to 83.65): VV005719.D (-2163) (-)

Ion 85.00 (84.70 to 85.70): VV005719.D (-2163) (-)



#47
 Tetrachloroethene
 Concen: 5.15 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion:	164	Resp:	83424
Ion	Ratio	Lower	Upper
164	100		
129	102.0	67.3	124.9
131	97.1	71.0	131.8
166	123.8	88.1	163.7

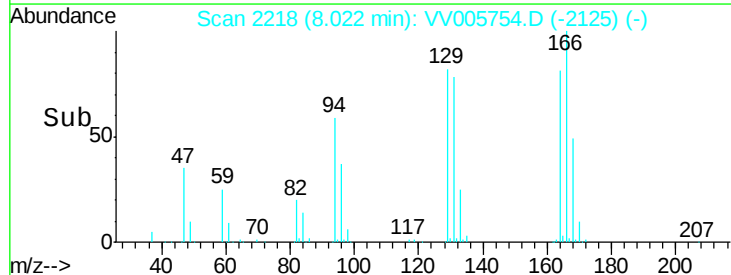
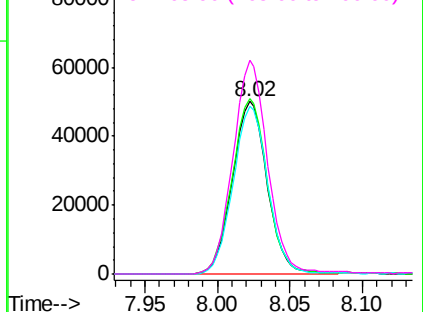


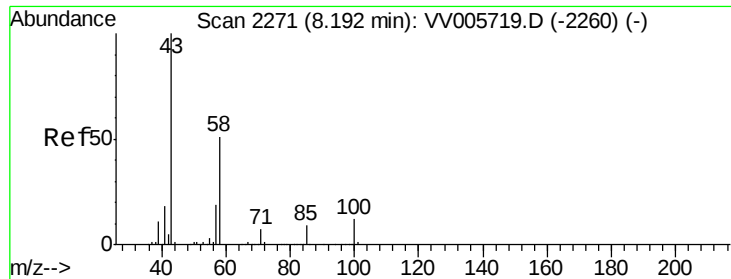
Abundance Ion 163.90 (163.60 to 164.60): VV005719.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV005719.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV005719.D (-2205) (-)

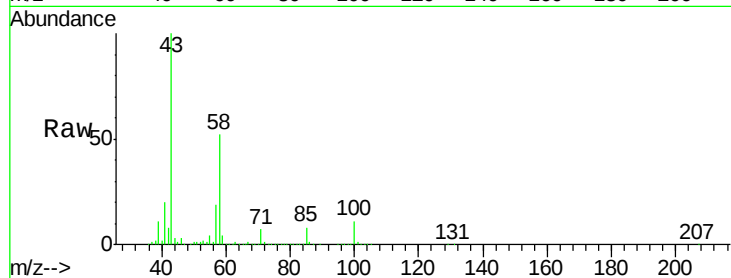
Ion 165.90 (165.60 to 166.60): VV005719.D (-2205) (-)



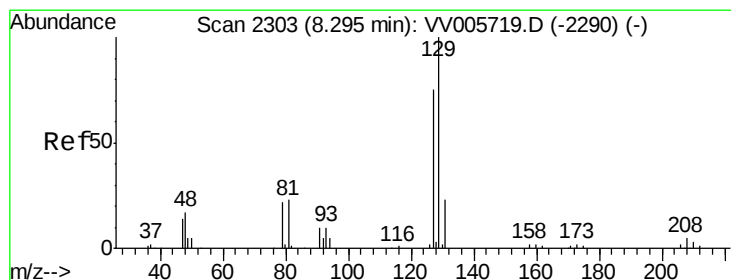
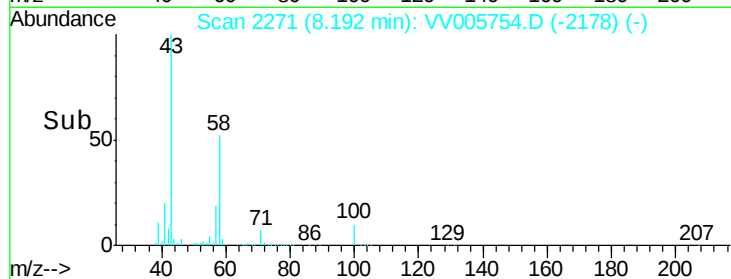
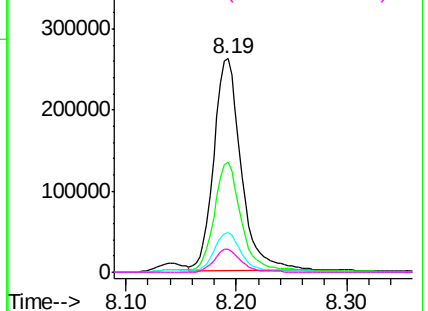


#48
2-Hexanone
Concen: 64.70 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

Tgt Ion: 43 Resp: 455781
Ion Ratio Lower Upper
43 100
58 50.1 40.2 60.2
57 18.7 14.7 22.1
100 10.5 8.8 13.2

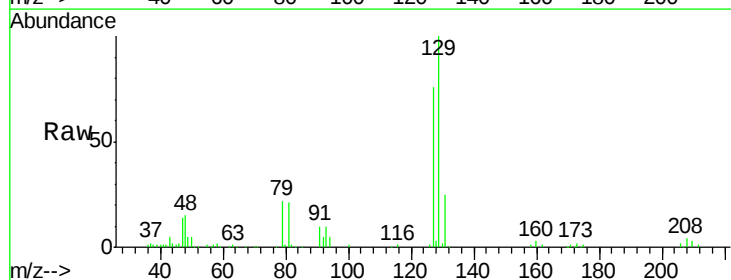


Abundance Ion 43.05 (42.75 to 43.75): VV005719.D (-2260) (-)
Ion 58.05 (57.75 to 58.75): VV005719.D (-2260) (-)
Ion 57.20 (56.90 to 57.90): VV005719.D (-2260) (-)
Ion 100.15 (99.85 to 100.85): VV005719.D (-2260) (-)

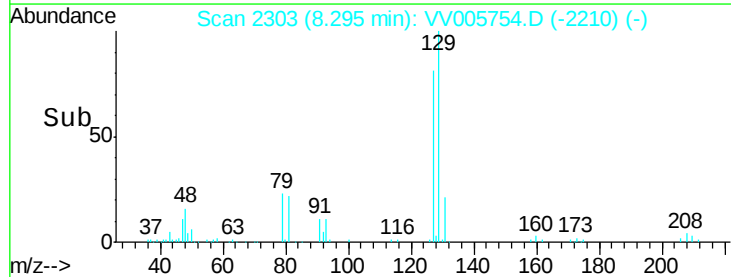
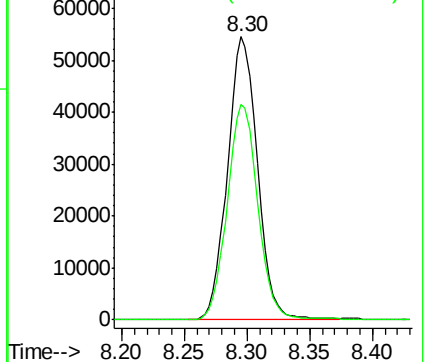


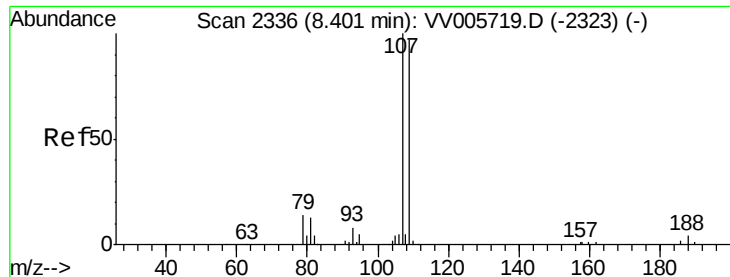
#49
Dibromochloromethane
Concen: 5.95 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

Tgt Ion: 129 Resp: 90679
Ion Ratio Lower Upper
129 100
127 76.0 56.6 105.2



Abundance Ion 128.95 (128.65 to 129.65): VV005719.D (-2290) (-)
Ion 126.90 (126.60 to 127.60): VV005719.D (-2290) (-)





#50

1,2-Dibromoethane

Concen: 5.75 ug/L

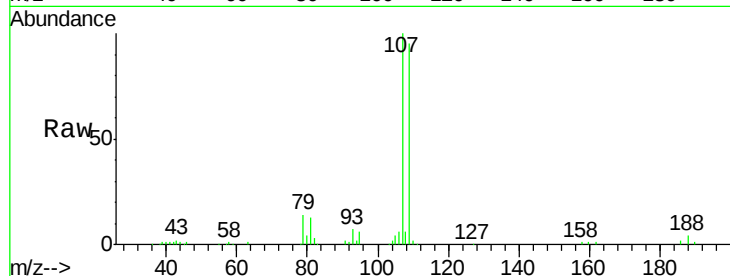
RT: 8.40 min Scan# 2336

Delta R.T. -0.00 min

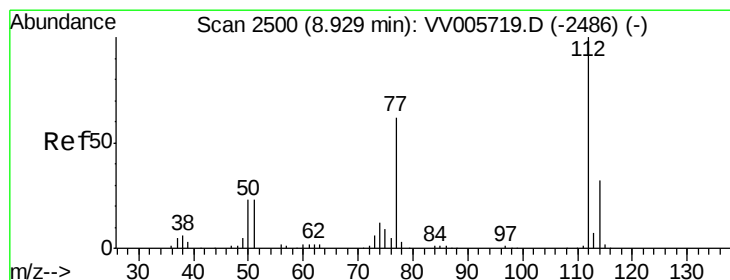
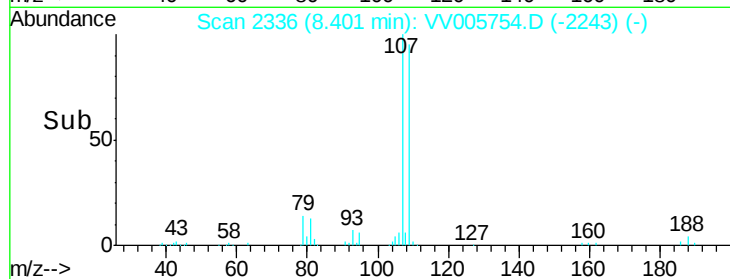
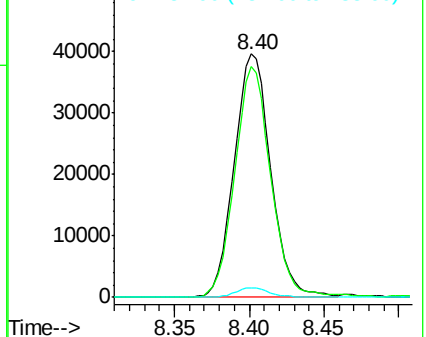
Lab File: VV005754.D

Acq: 03 May 2018 10:27

Tgt Ion:	107	Resp:	67334
Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.5	119.9
188	3.7	2.8	4.2



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



#51

Chlorobenzene

Concen: 5.36 ug/L

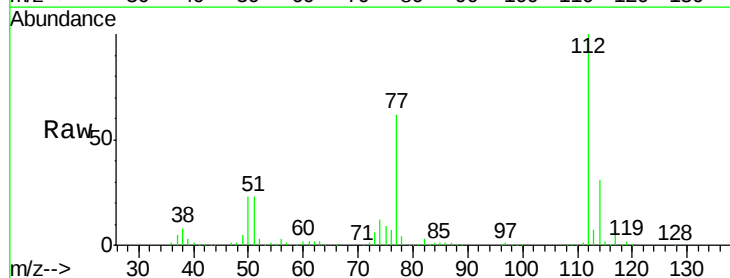
RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

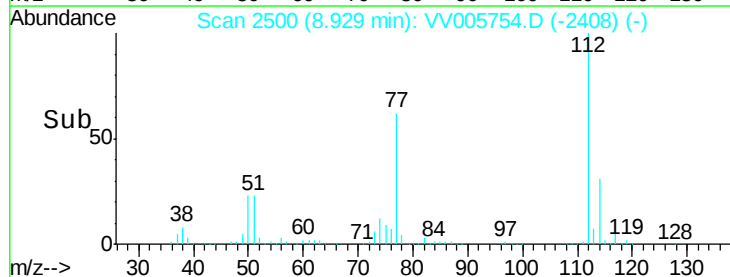
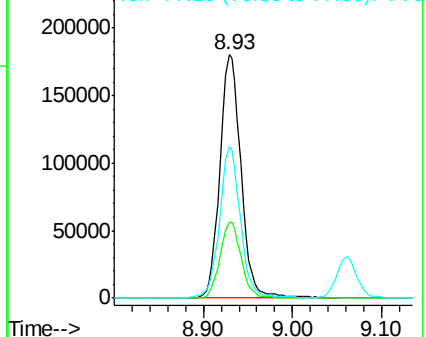
Lab File: VV005754.D

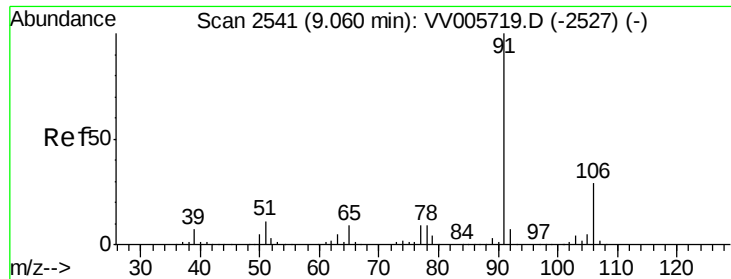
Acq: 03 May 2018 10:27

Tgt Ion:	112	Resp:	296016
Ion	Ratio	Lower	Upper
112	100		
114	31.1	23.2	43.0
77	62.1	48.5	72.7



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





#52

Ethylbenzene

Concen: 5.35 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV005754.D

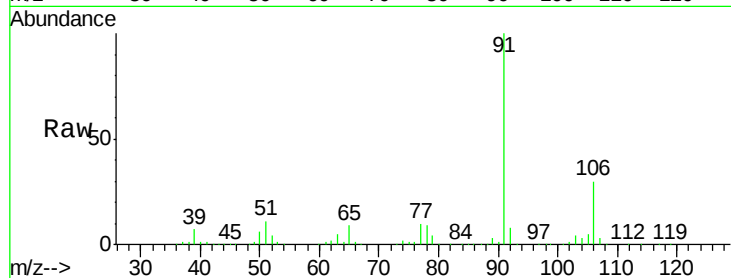
Acq: 03 May 2018 10:27

Tgt Ion: 91 Resp: 499055

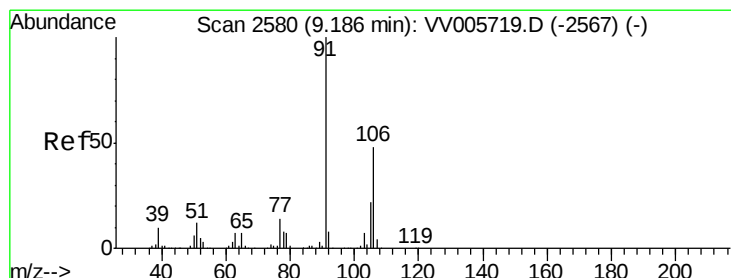
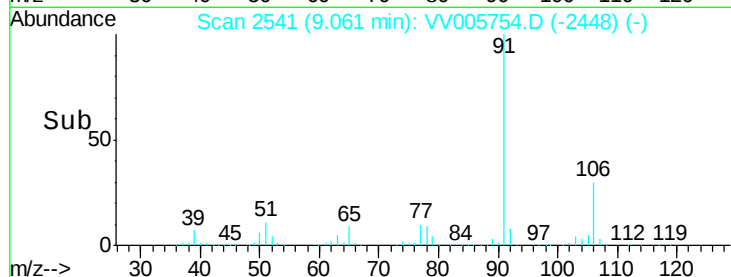
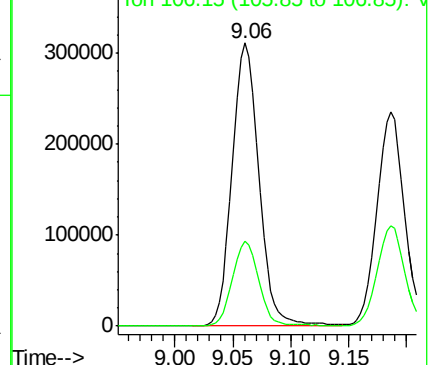
Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV005719.D (-2527) (-)



#53

m,p-xylene

Concen: 5.51 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV005754.D

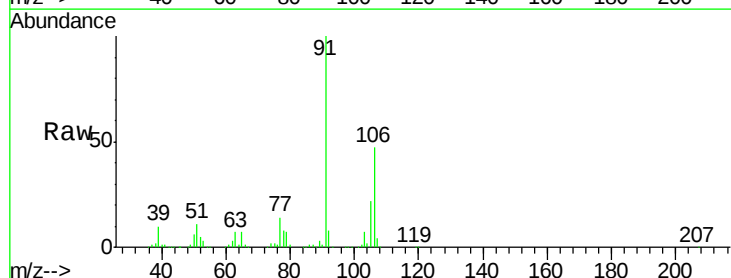
Acq: 03 May 2018 10:27

Tgt Ion: 106 Resp: 186966

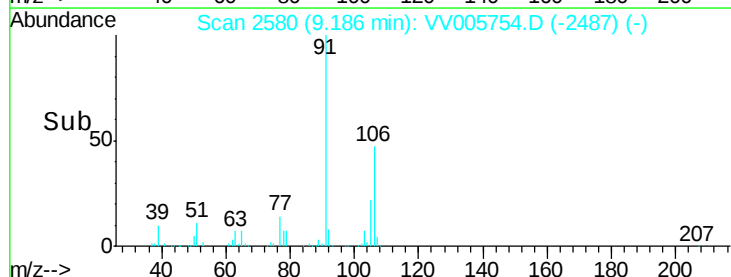
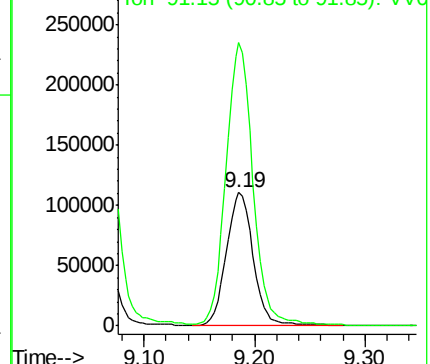
Ion Ratio Lower Upper

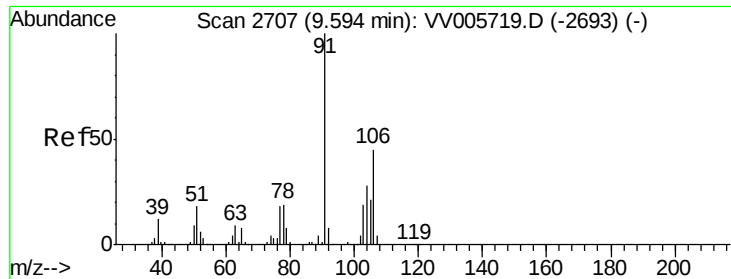
106 100

91 212.3 149.5 277.7



Abundance Ion 106.15 (105.85 to 106.85): VV005719.D (-2567) (-)





#54

o-xylene

Concen: 5.50 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. -0.00 min

Lab File: VV005754.D

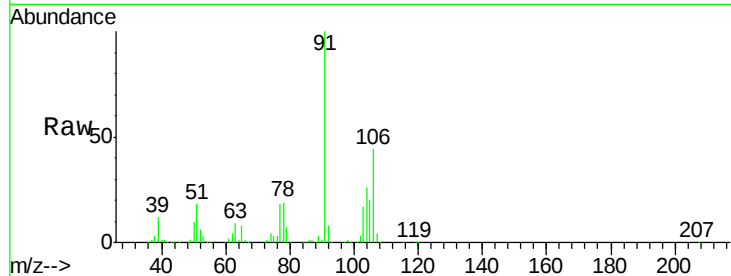
Acq: 03 May 2018 10:27

Tgt Ion:106 Resp: 181220

Ion Ratio Lower Upper

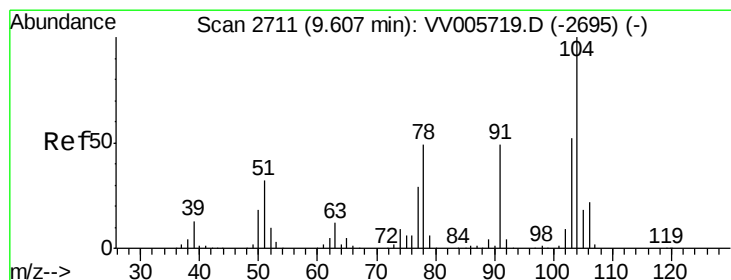
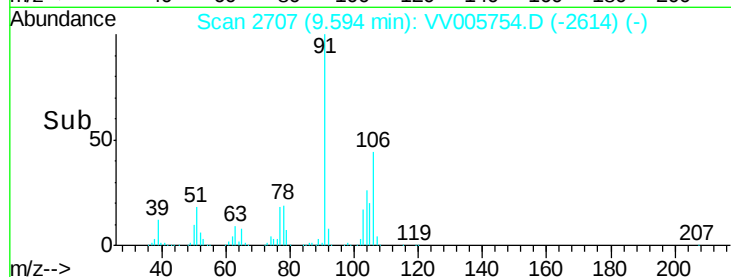
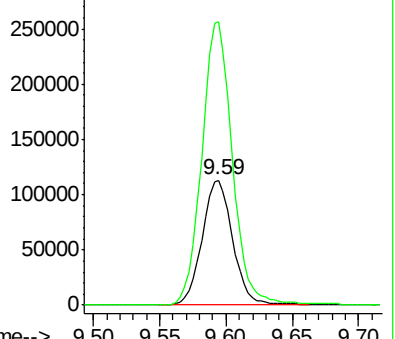
106 100

91 226.8 157.2 292.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.78 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV005754.D

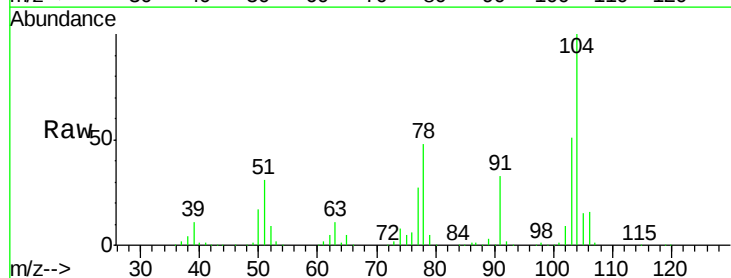
Acq: 03 May 2018 10:27

Tgt Ion:104 Resp: 311285

Ion Ratio Lower Upper

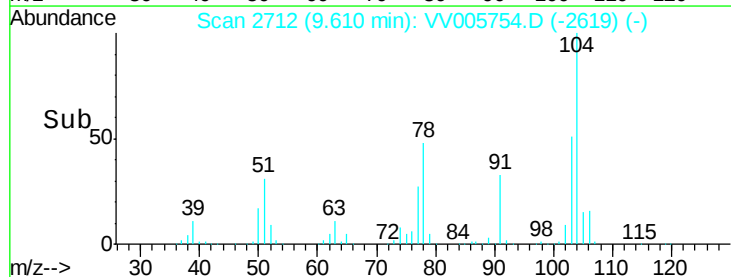
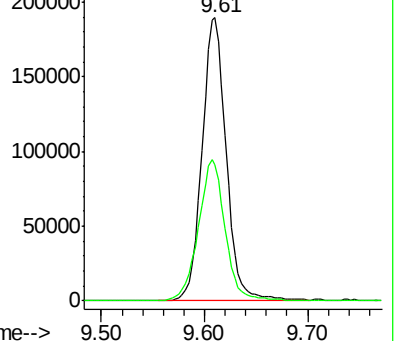
104 100

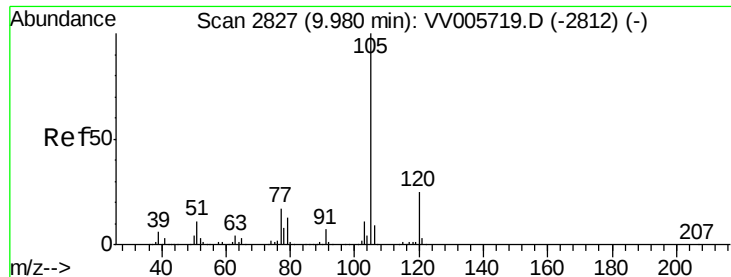
78 48.2 34.2 63.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.58 ug/L

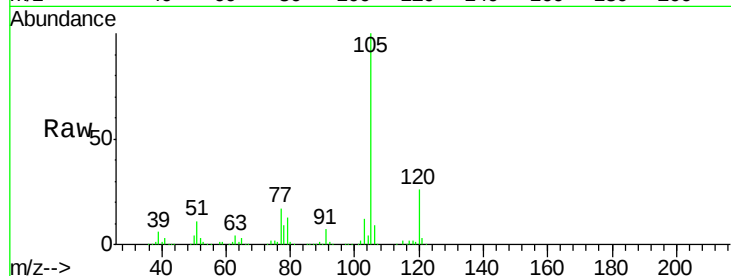
RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

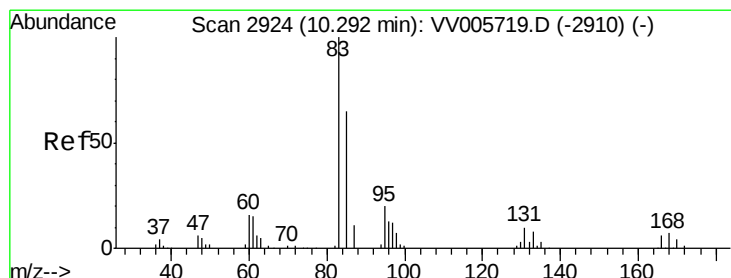
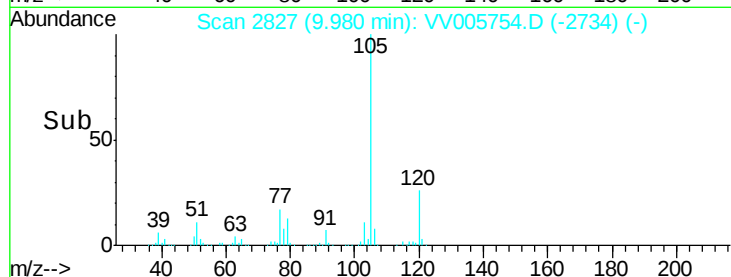
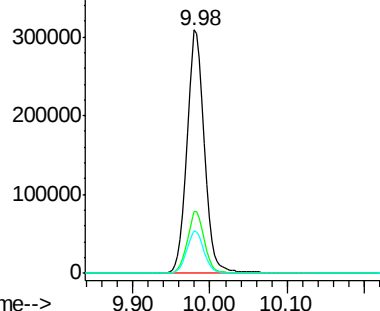
Tgt Ion:	105	Resp:	499550
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.8	31.2
77	17.4	13.6	20.4



Abundance Ion 105.05 (104.75 to 105.75): VV005719.D (-2812) (-)

Ion 120.10 (119.80 to 120.80): VV005719.D (-2812) (-)

Ion 77.10 (76.80 to 77.80): VV005719.D (-2812) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 6.21 ug/L

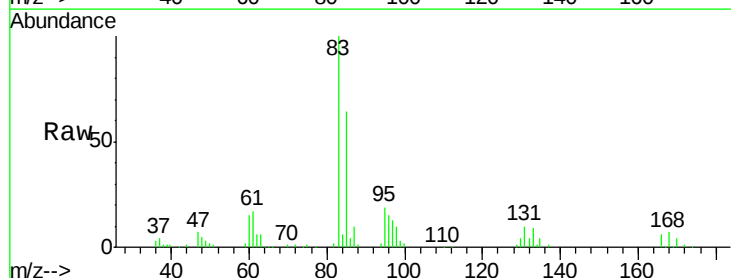
RT: 10.30 min Scan# 2925

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

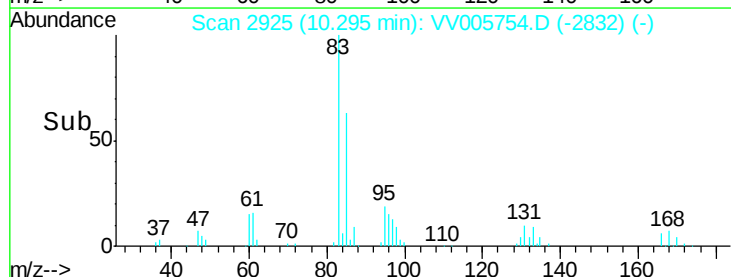
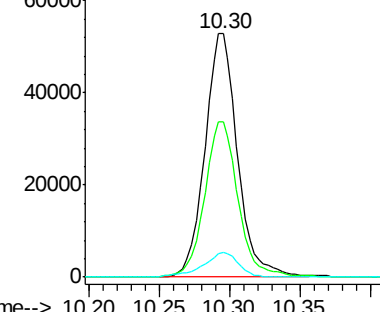
Tgt Ion:	83	Resp:	85474
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.2	82.2
131	10.1	8.3	12.5

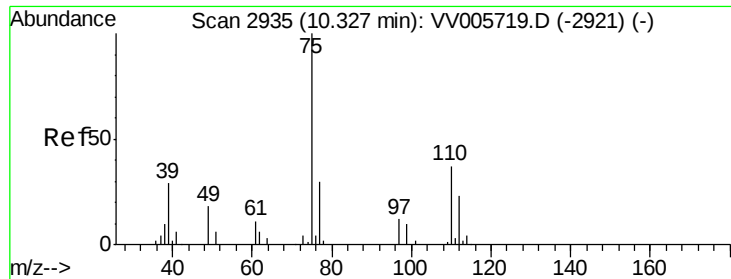


Abundance Ion 82.95 (82.65 to 83.65): VV005719.D (-2910) (-)

Ion 85.00 (84.70 to 85.70): VV005719.D (-2910) (-)

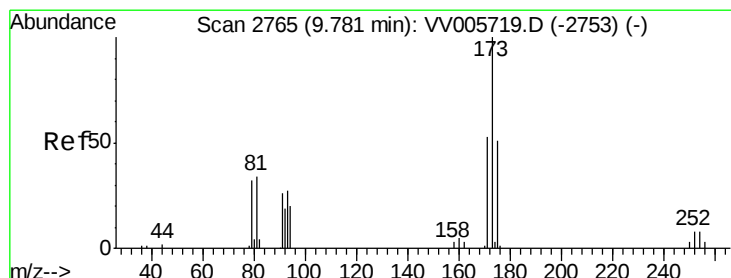
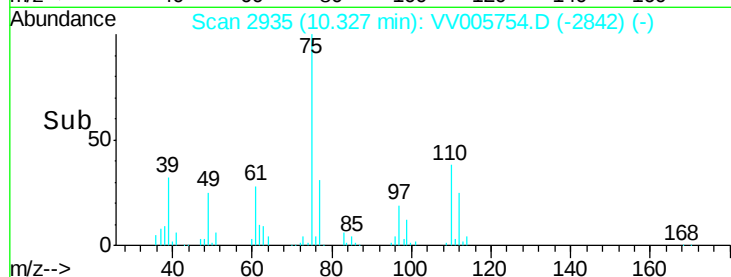
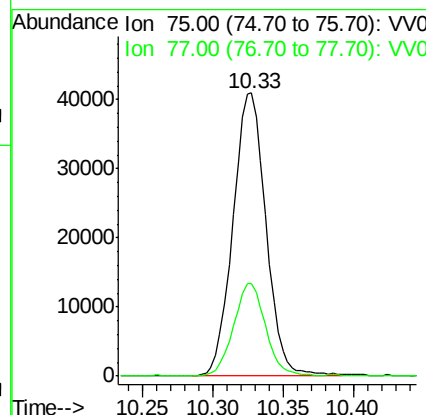
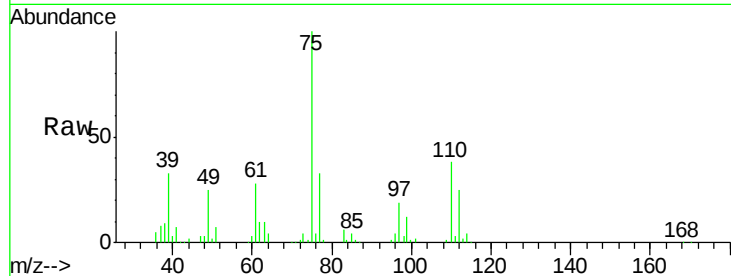
Ion 130.95 (130.65 to 131.65): VV005719.D (-2910) (-)





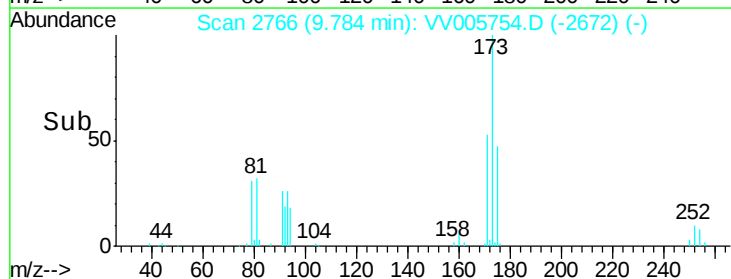
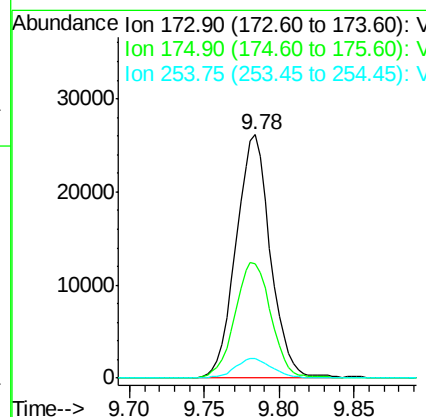
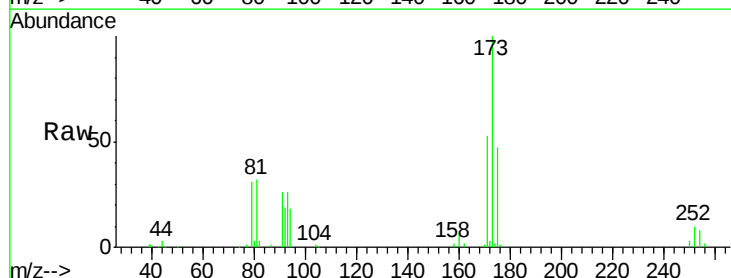
#59
 1,2,3-Trichloropropane
 Concen: 6.11 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

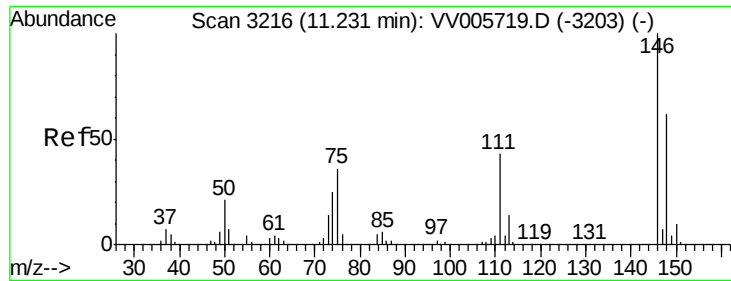
Tgt Ion: 75 Resp: 67268
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#61
 Bromoform
 Concen: 5.78 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion: 173 Resp: 41894
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.1 57.1
 254 8.5 5.8 8.6





#62

1,3-Dichlorobenzene

Concen: 5.18 ug/L

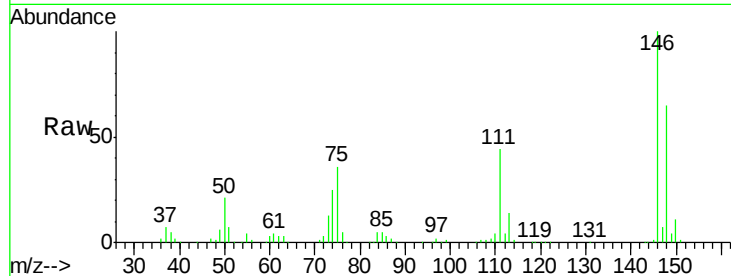
RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

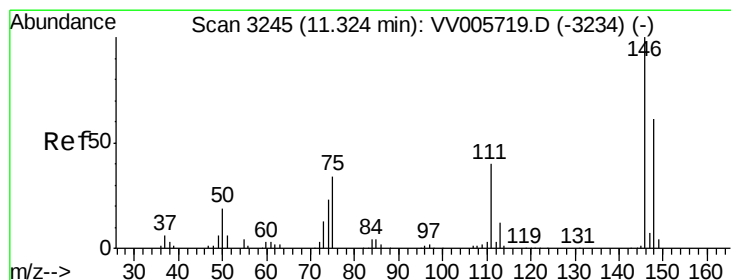
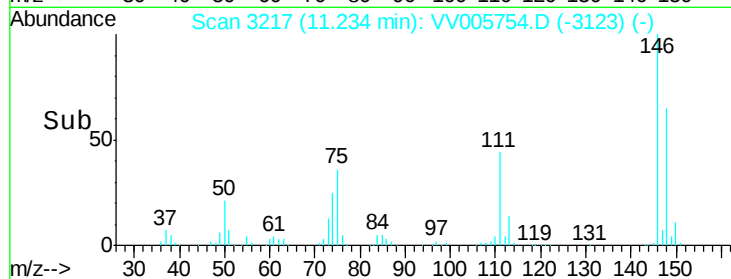
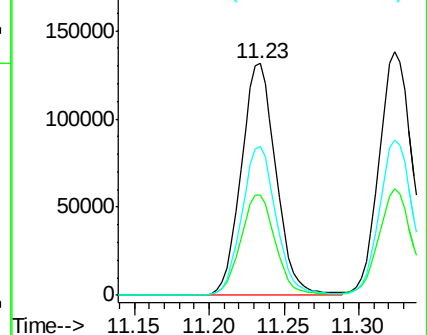
Tgt Ion:	146	Resp:	212882
Ion	Ratio	Lower	Upper
146	100		
111	43.5	29.8	55.4
148	64.5	44.4	82.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.21 ug/L

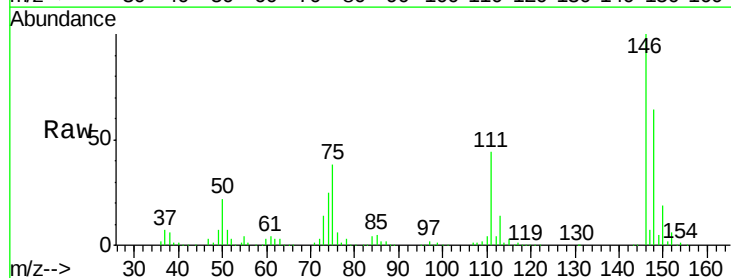
RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

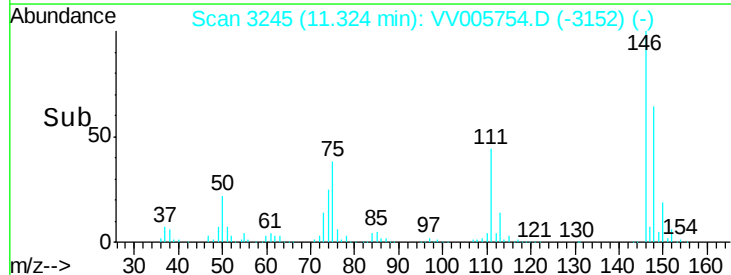
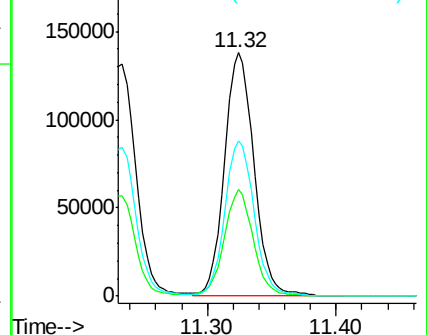
Tgt Ion:	146	Resp:	219177
Ion	Ratio	Lower	Upper
146	100		
111	43.6	28.3	52.5
148	63.8	44.2	82.0

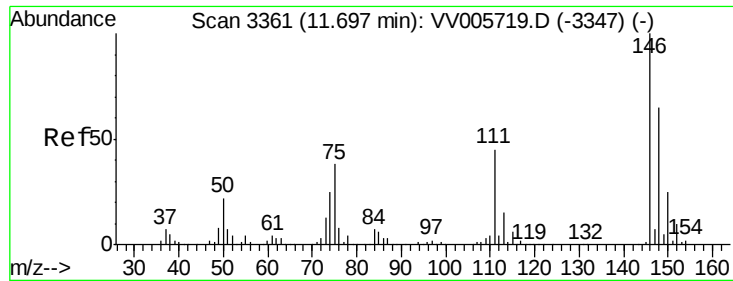


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.39 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

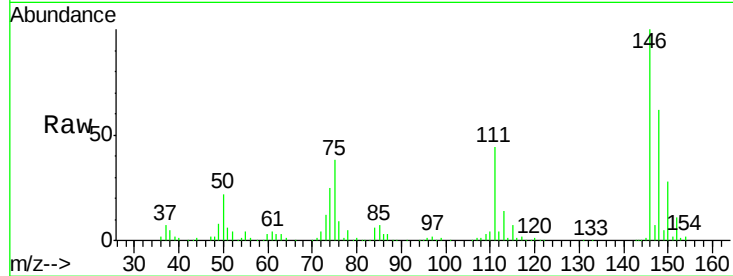
Tgt Ion: 146 Resp: 210783

Ion Ratio Lower Upper

146 100

111 44.4 36.2 54.4

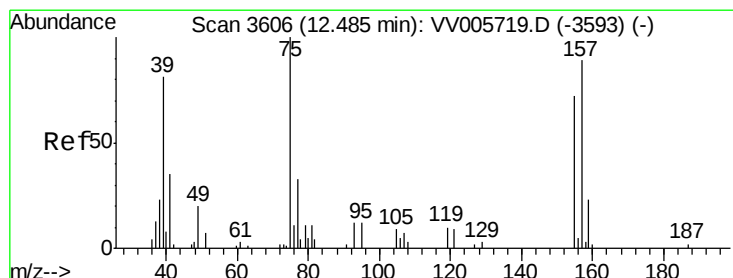
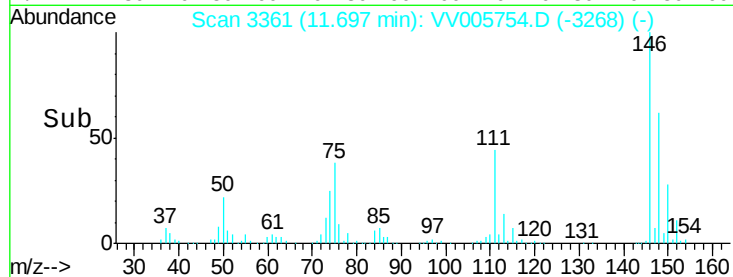
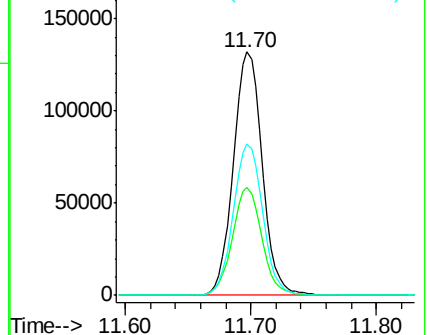
148 62.2 50.2 75.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 6.16 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV005754.D

Acq: 03 May 2018 10:27

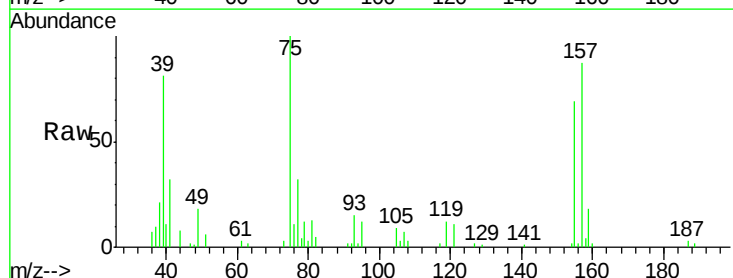
Tgt Ion: 75 Resp: 13979

Ion Ratio Lower Upper

75 100

155 69.2 47.3 70.9

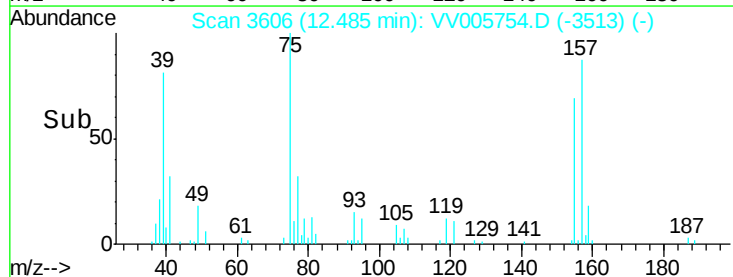
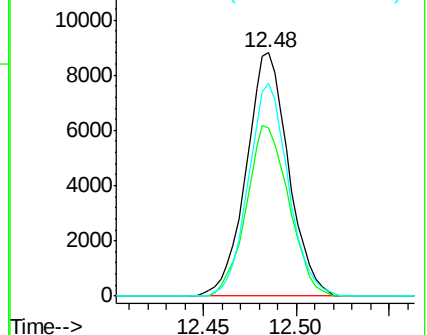
157 87.5 75.3 112.9

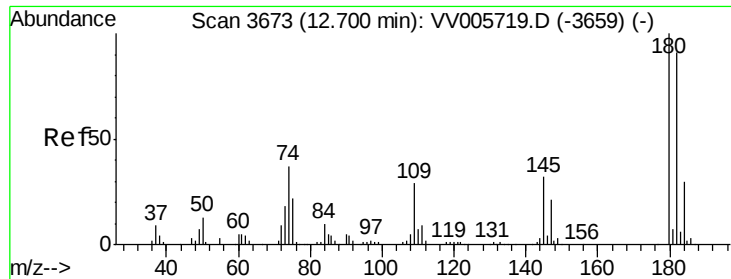


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

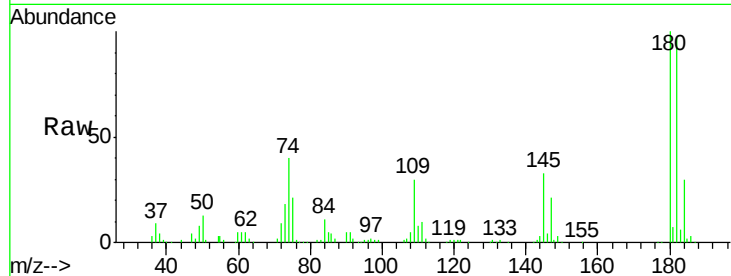
Ion 156.90 (156.60 to 157.60): V



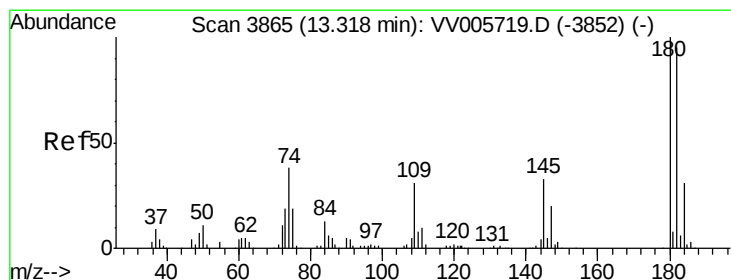
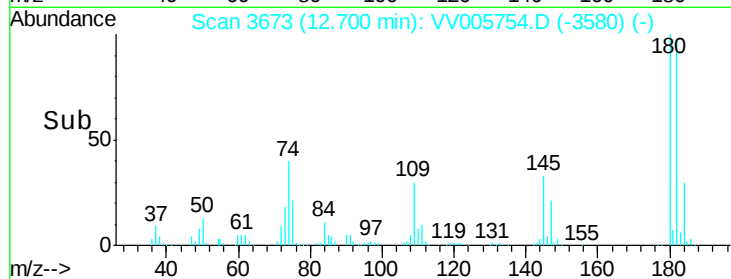
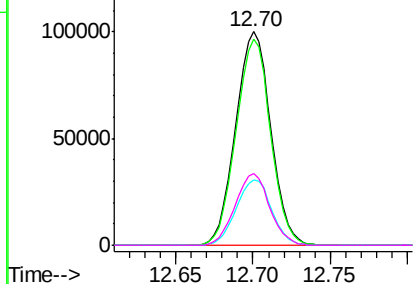


#67
 1,3,5-Trichlorobenzene
 Concen: 5.23 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion:	180	Resp:	157669
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.5	113.3
184	30.8	23.4	35.2
145	33.1	25.5	38.3

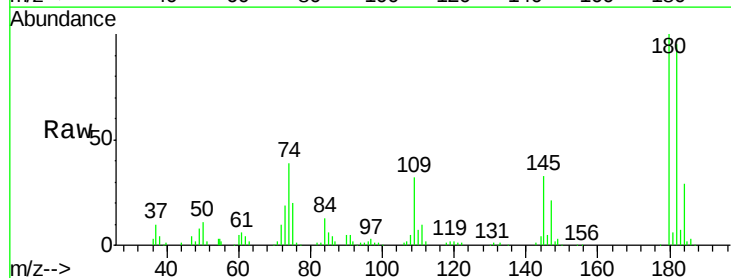


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

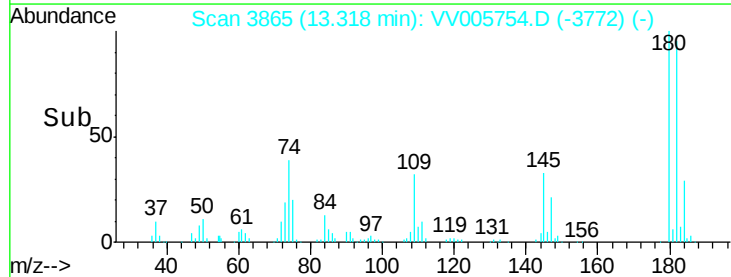
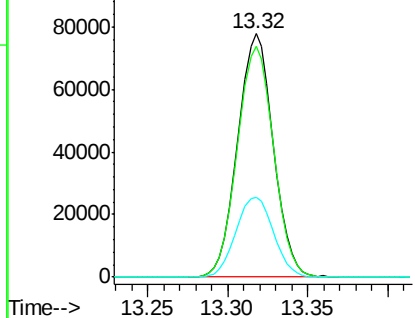


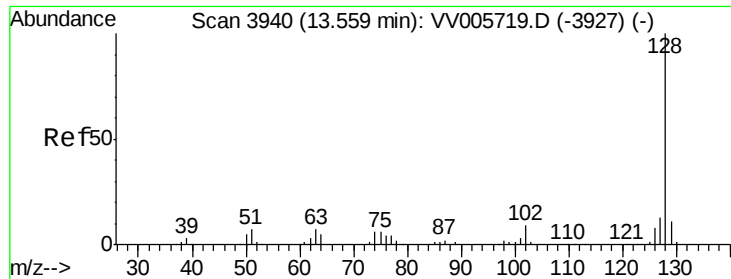
#68
 1,2,4-trichlorobenzene
 Concen: 5.42 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV005754.D
 Acq: 03 May 2018 10:27

Tgt Ion:	180	Resp:	117657
Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.2	115.8
145	34.7	27.7	41.5



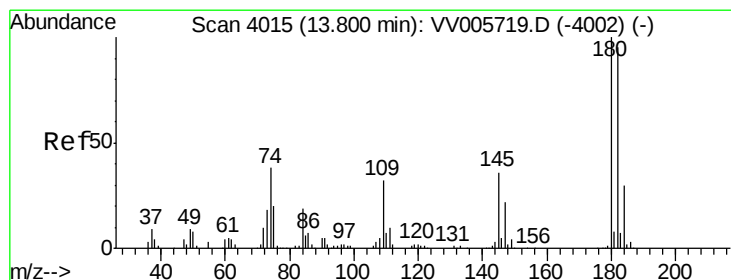
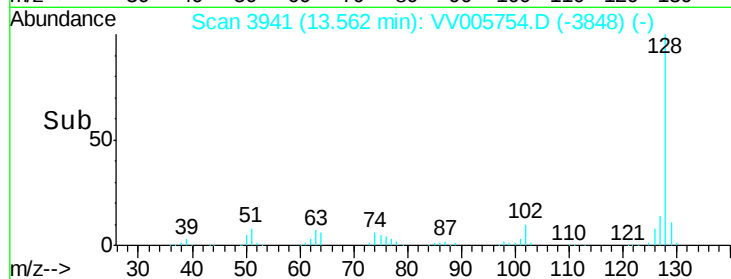
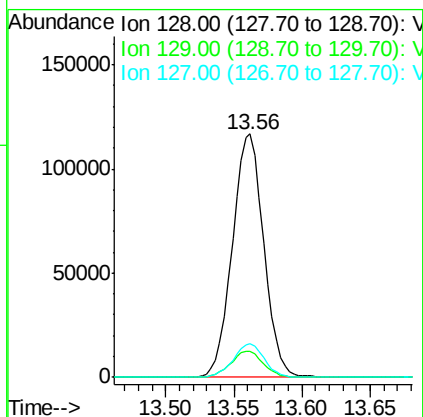
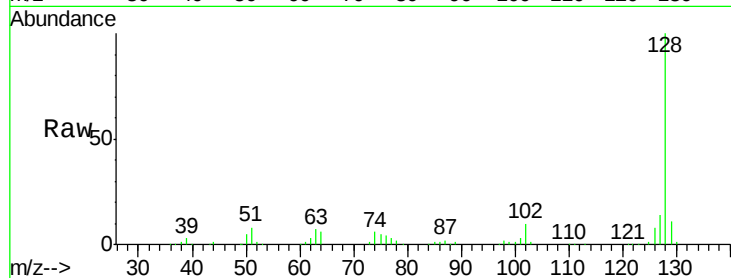
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 5.74 ug/L
RT: 13.56 min Scan# 3941
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

Tgt Ion:128 Resp: 186462
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.55 ug/L
RT: 13.80 min Scan# 4015
Delta R.T. -0.00 min
Lab File: VV005754.D
Acq: 03 May 2018 10:27

Tgt Ion:180 Resp: 115846
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 35.0 28.3 42.5

