

Data File : VN051904.D
Acq On : 17 Oct 2018 11:26
Operator : MD\SY
Sample : I.BLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Quant Time: Oct 19 04:46:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 04:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	944136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1342532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	401783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	473814	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	498972	58.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.94%	
50) Toluene-d8	10.09	98	1802228	58.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.04%	
62) 4-Bromofluorobenzene	12.40	95	503401	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	1447	0.259	ug/l	91
4) Vinyl Chloride	2.18	62	1710	0.203	ug/l	89
5) Bromomethane	2.58	94	5501	0.685	ug/l #	78
10) Methyl Iodide	3.95	142	2522	0.277	ug/l #	89
12) 1,1-Dichloroethene	3.73	96	1478	0.218	ug/l #	71
13) Acrolein	3.61	56	437	1.140	ug/l #	14
15) Acrylonitrile	4.99	53	938	0.506	ug/l #	73
16) Acetone	3.82	43	1051	0.678	ug/l #	42
17) Carbon Disulfide	4.06	76	22087	1.304	ug/l	100
18) Methyl Acetate	4.33	43	1639	0.317	ug/l #	58
20) Methylene Chloride	4.55	84	2008	0.255	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	2110	0.270	ug/l	88
23) Vinyl Acetate	5.92	43	3008	0.255	ug/l #	65
27) cis-1,2-Dichloroethene	6.84	96	2591	0.286	ug/l	72
28) Bromochloromethane	7.19	49	1144	0.227	ug/l #	15
29) Tetrahydrofuran	7.22	42	1448	1.070	ug/l #	60
31) Cyclohexane	7.66	56	15232	1.128	ug/l #	12
36) 1,1-Dichloropropene	7.79	75	2606	0.250	ug/l	82
38) Carbon Tetrachloride	7.67	117	83706	6.821	ug/l #	15
44) Trichloroethene	8.84	130	2611	0.273	ug/l	95
48) Methyl methacrylate	9.21	41	853	0.203	ug/l #	34
49) 1,4-Dioxane	9.21	88	282	3.530	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2965	0.611	ug/l #	68
53) t-1,3-Dichloropropene	10.38	75	2253	0.221	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	915	0.259	ug/l #	63
59) 2-Hexanone	10.75	43	6373	1.959	ug/l	87
65) Chlorobenzene	11.43	112	6681	0.293	ug/l	94
68) m/p-Xylenes	11.62	106	6380	0.425	ug/l	91
70) Styrene	11.96	104	5761	0.256	ug/l	100
73) Isopropylbenzene	12.25	105	6230	0.200	ug/l	98
74) N-amyl acetate	12.07	43	4777	0.893	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.51	83	1456	0.232	ug/l #	87
76) 1,2,3-Trichloropropane	12.40	75	248956	48.999	ug/l #	100
77) Bromobenzene	12.53	156	3942	0.498	ug/l	93

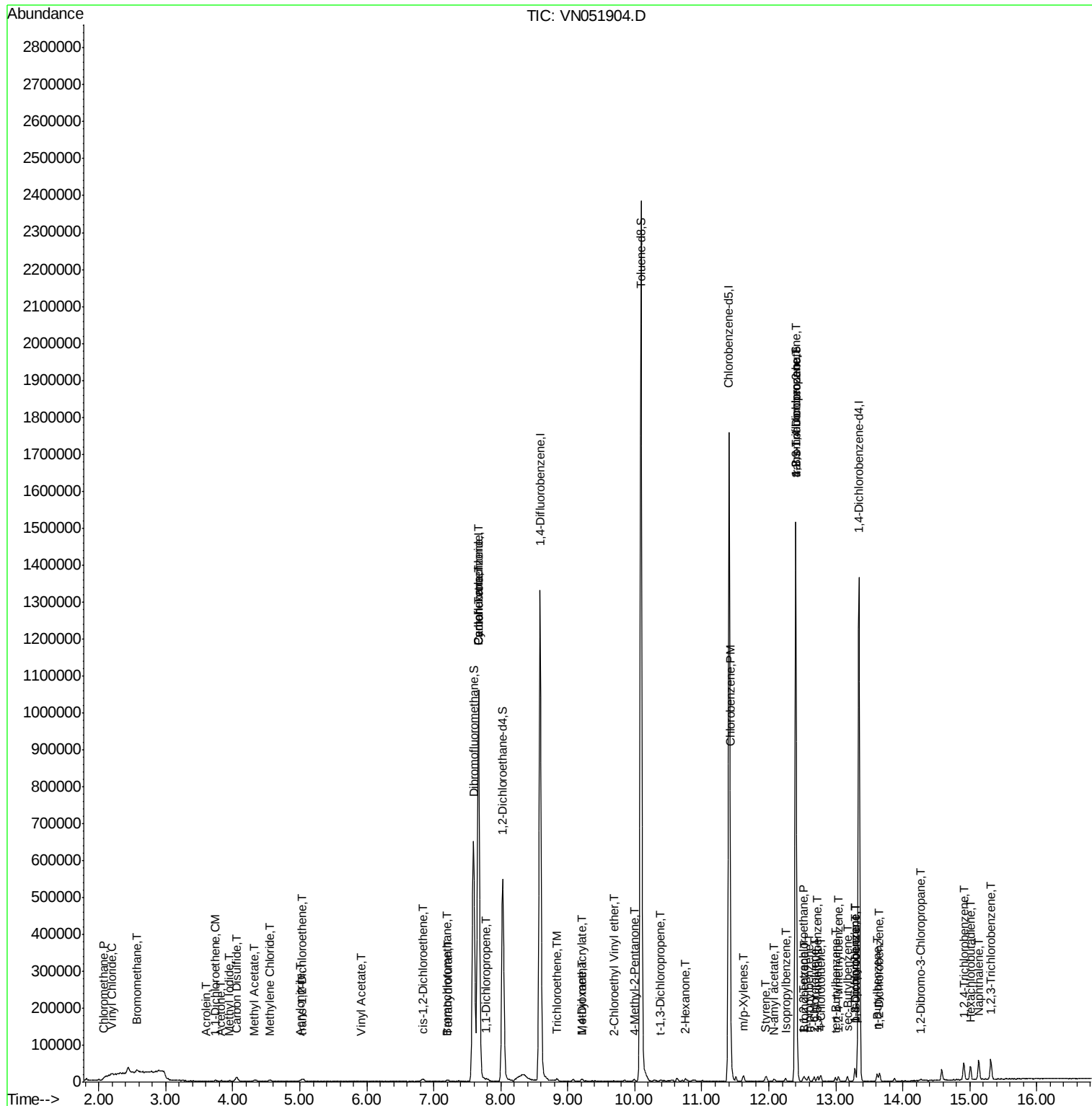
Data File : VN051904.D
Acq On : 17 Oct 2018 11:26
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Sample : I.BLK
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ALS Vial : 10 Sample Multiplier: 28

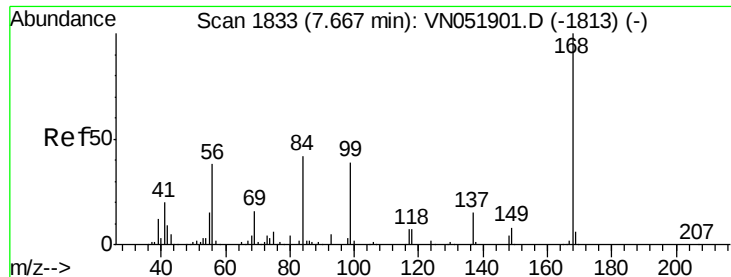
Quant Time: Oct 19 04:46:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 04:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.59	91	11363	0.351	ug/l	96
79) 2-Chlorotoluene	12.67	91	6669	0.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	6317	0.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	248956	184.489	ug/l #	14
82) 4-Chlorotoluene	12.78	91	11724	0.620	ug/l	88
83) tert-Butylbenzene	12.99	119	5273	0.223	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	7963	0.322	ug/l	91
85) sec-Butylbenzene	13.17	105	10728	0.357	ug/l	99
86) p-Isopropyltoluene	13.29	119	9769	0.375	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	9548	0.716	ug/l	96
88) 1,4-Dichlorobenzene	13.28	146	9548	0.728	ug/l	97
89) n-Butylbenzene	13.62	91	11498	0.609	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	9387	0.727	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	947	1.125	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	15777	2.819	ug/l	99
94) Hexachlorobutadiene	15.01	225	7576	1.852	ug/l	94
95) Naphthalene	15.13	128	45518	4.088	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	19701	3.551	ug/l	97

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051904.D

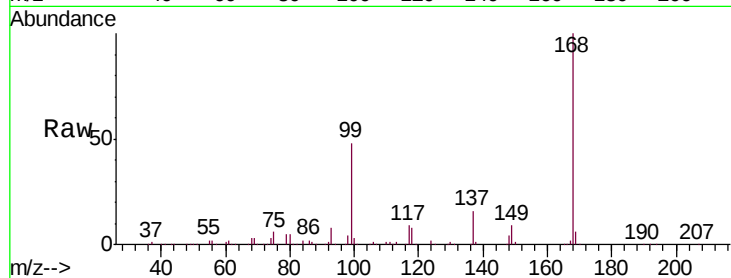
Acq: 17 Oct 2018 11:26

Tgt Ion: 168 Resp: 944136

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051901.D

Ion 98.90 (98.60 to 99.60): VN051901.D

7.67

400000

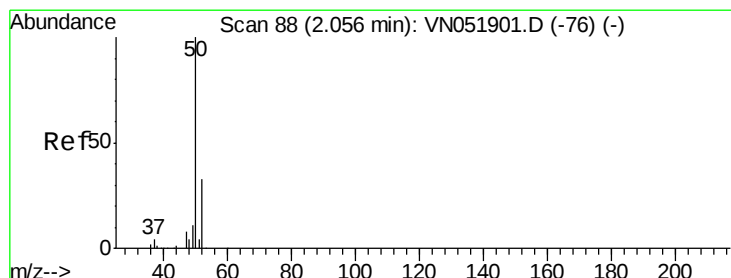
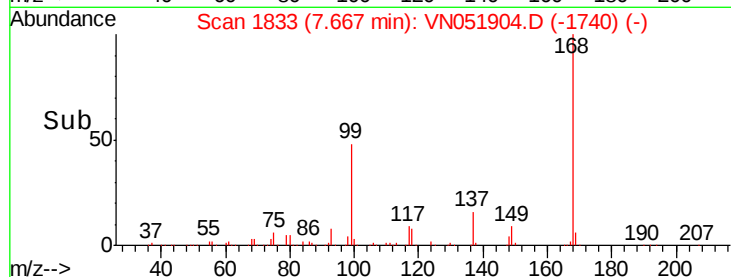
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.259 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051904.D

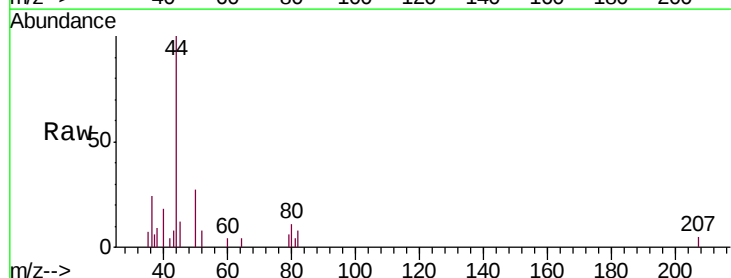
Acq: 17 Oct 2018 11:26

Tgt Ion: 50 Resp: 1447

Ion Ratio Lower Upper

50 100

52 28.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN051901.D

Ion 51.90 (51.60 to 52.60): VN051901.D

2.06

1200

1000

800

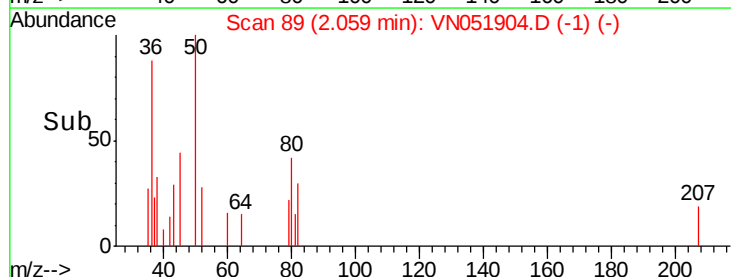
600

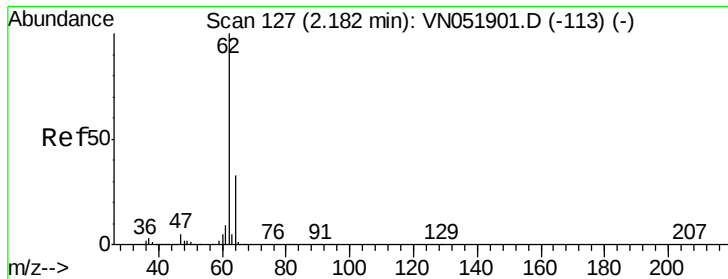
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.203 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051904.D

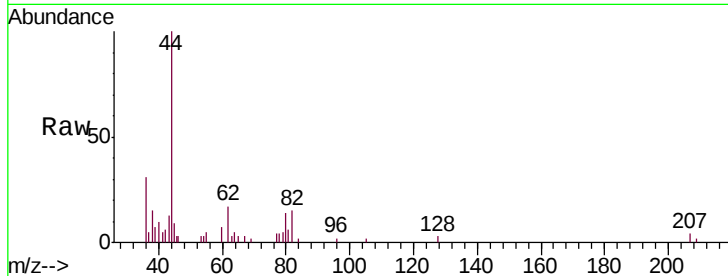
Acq: 17 Oct 2018 11:26

Tgt Ion: 62 Resp: 1710

Ion Ratio Lower Upper

62 100

64 26.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

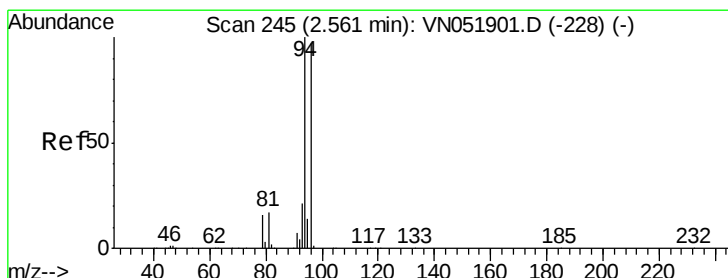
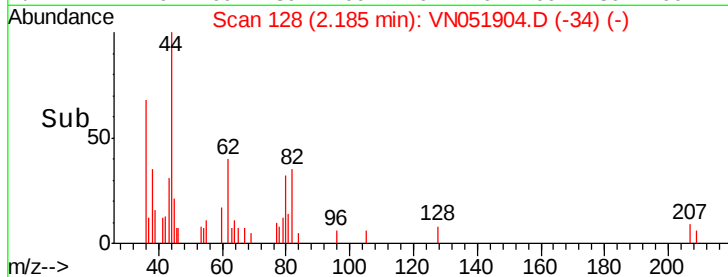
2.18

1000

500

0

Time-->



#5

Bromomethane

Concen: 0.685 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN051904.D

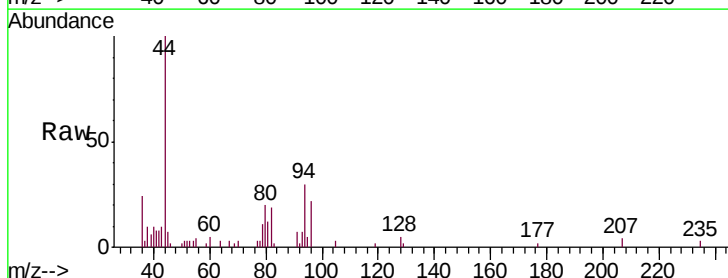
Acq: 17 Oct 2018 11:26

Tgt Ion: 94 Resp: 5501

Ion Ratio Lower Upper

94 100

96 75.4 77.5 116.3#



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC

2.58

3000

2500

2000

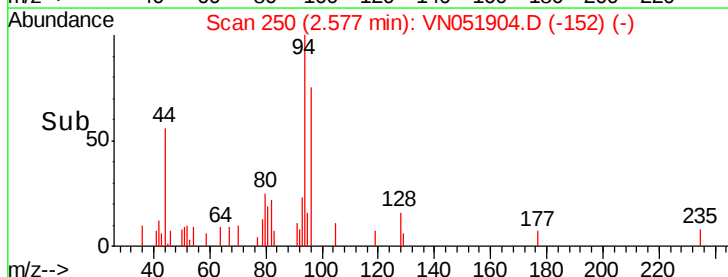
1500

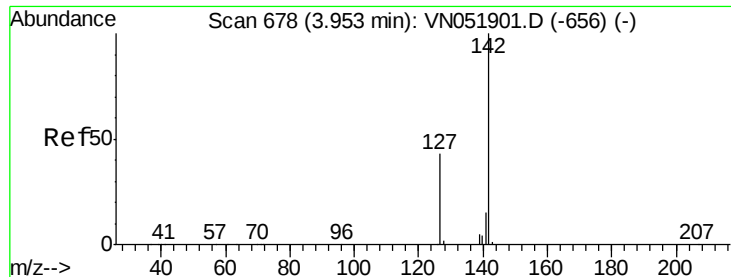
1000

500

0

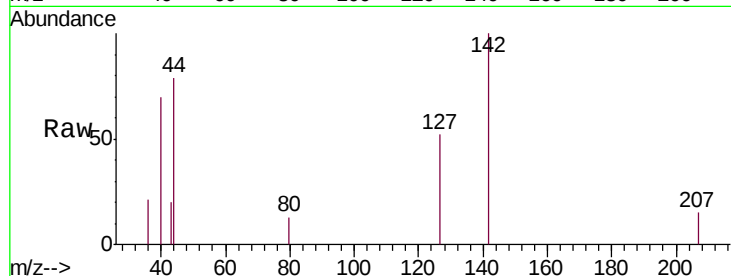
Time-->



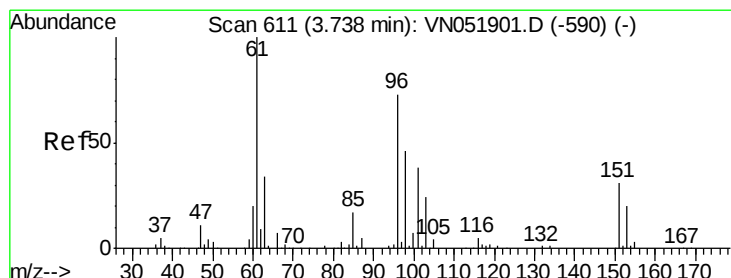
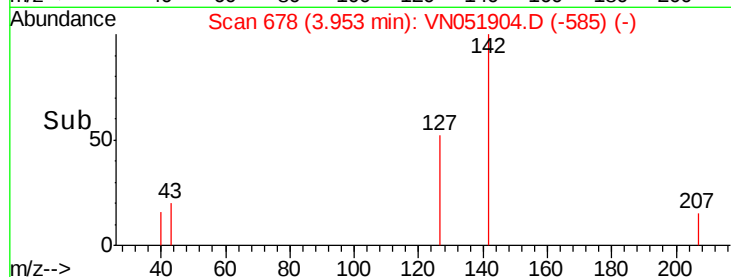
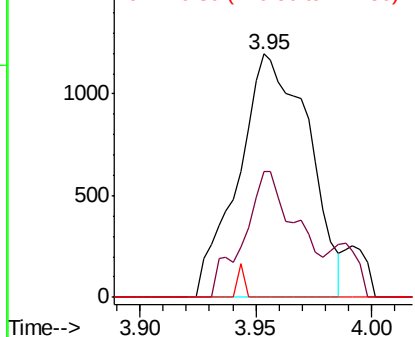


#10
Methyl Iodide
Concen: 0.277 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 142 Resp: 2522
Ion Ratio Lower Upper
142 100
127 40.0 34.3 51.5
141 1.3 11.1 16.7#

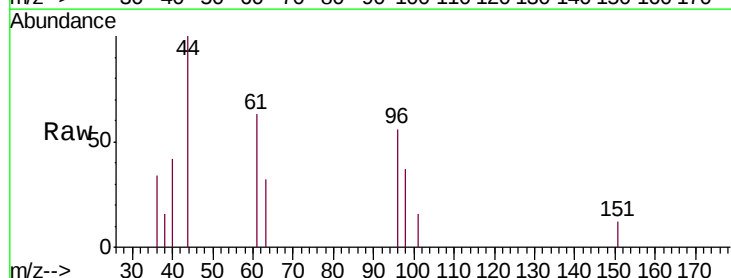


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

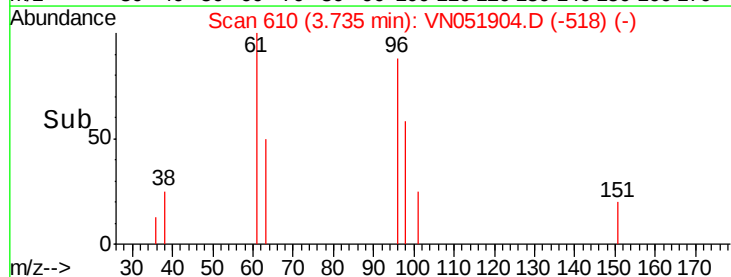
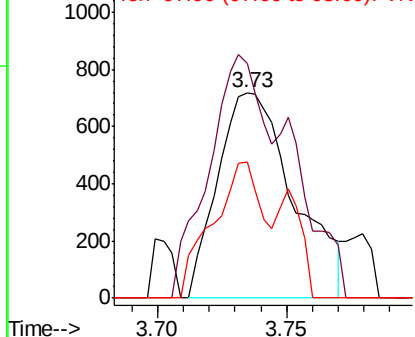


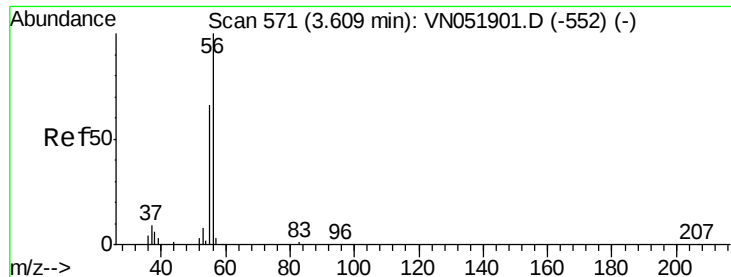
#12
1,1-Dichloroethene
Concen: 0.218 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 96 Resp: 1478
Ion Ratio Lower Upper
96 100
61 88.3 109.8 164.6#
98 66.3 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): V
Ion 60.90 (60.60 to 61.60): V
Ion 97.90 (97.60 to 98.60): V





#13

Acrolein

Concen: 1.140 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051904.D

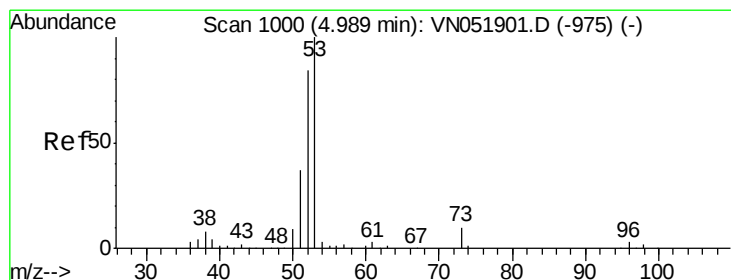
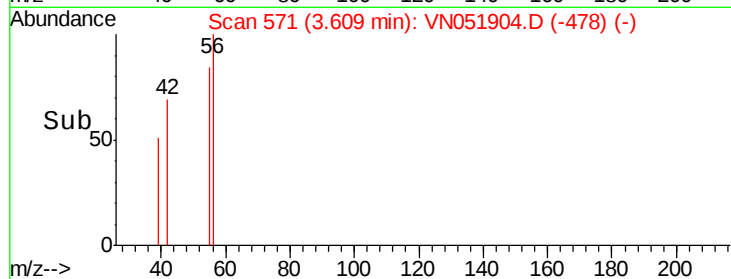
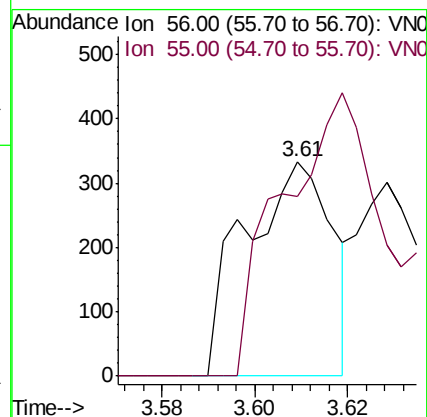
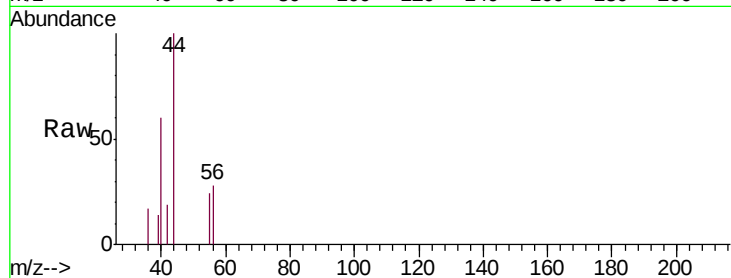
Acq: 17 Oct 2018 11:26

Tgt Ion: 56 Resp: 437

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#15

Acrylonitrile

Concen: 0.506 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

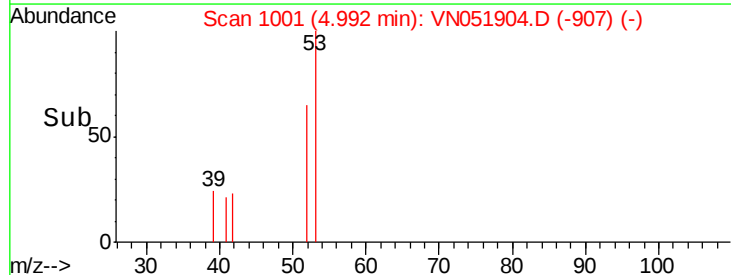
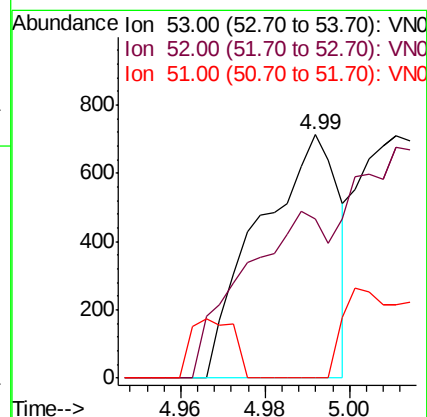
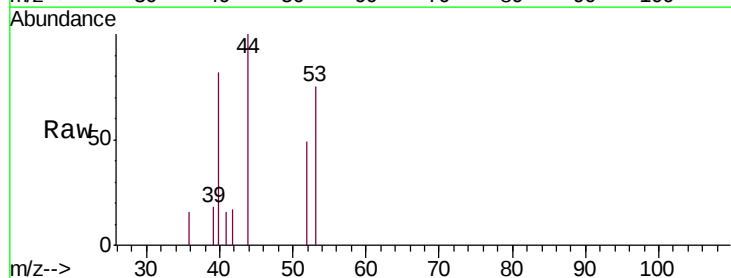
Tgt Ion: 53 Resp: 938

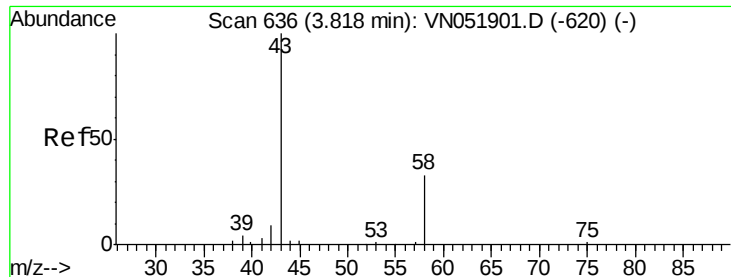
Ion Ratio Lower Upper

53 100

52 72.1 65.8 98.8

51 0.0 29.4 44.2#





#16

Acetone

Concen: 0.678 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051904.D

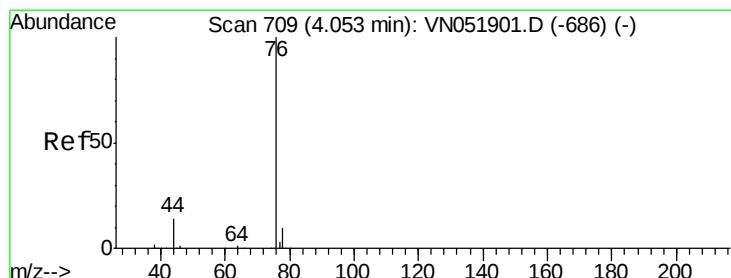
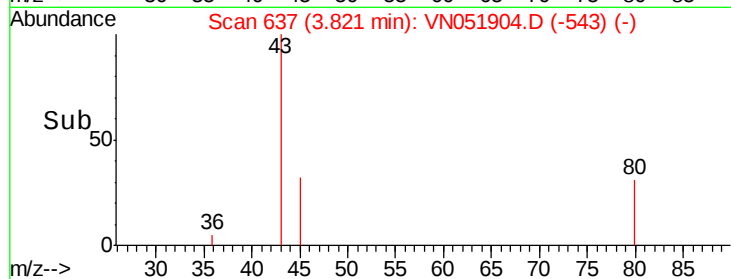
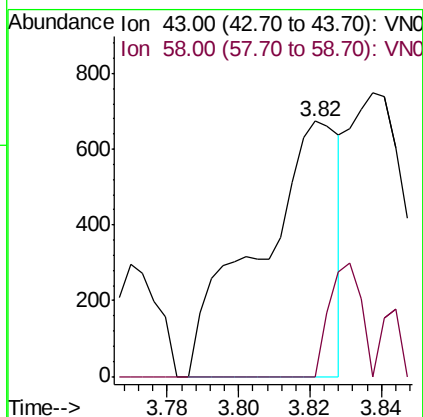
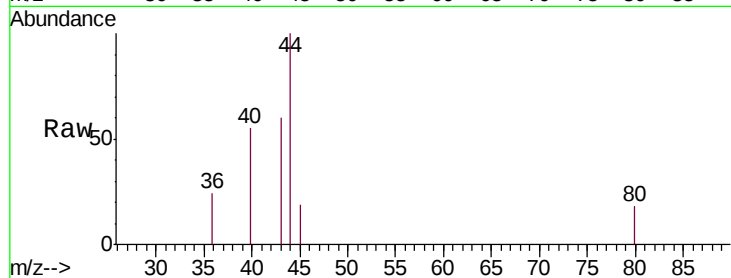
Acq: 17 Oct 2018 11:26

Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



#17

Carbon Disulfide

Concen: 1.304 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN051904.D

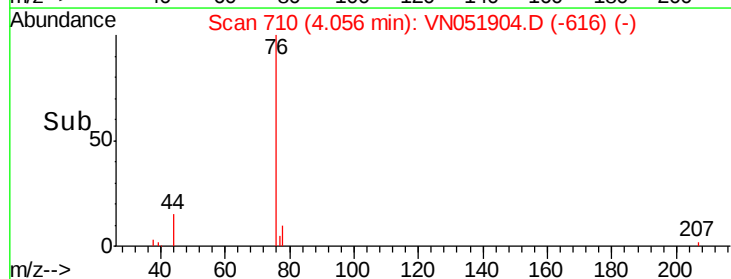
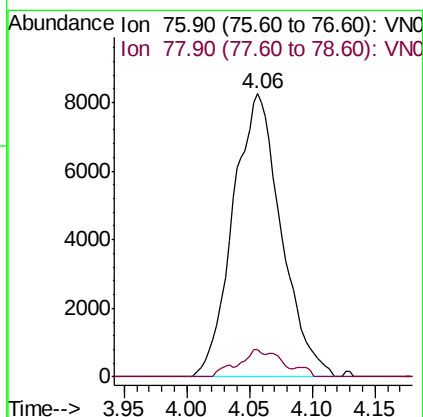
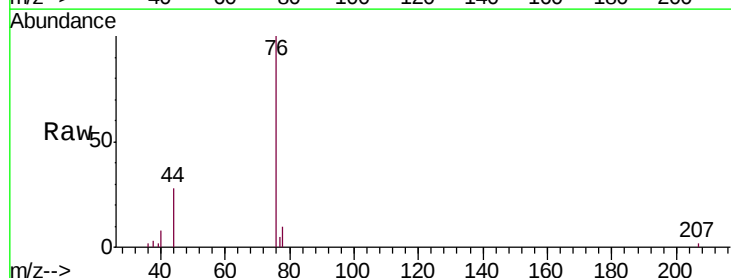
Acq: 17 Oct 2018 11:26

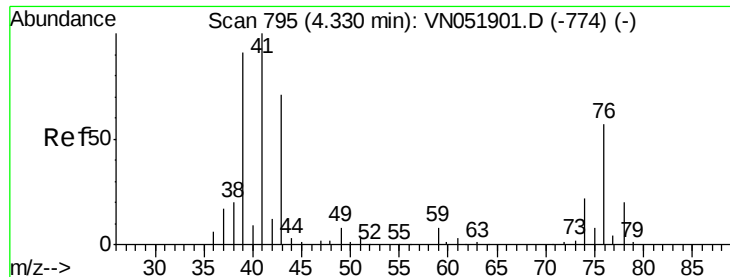
Tgt Ion: 76 Resp: 22087

Ion Ratio Lower Upper

76 100

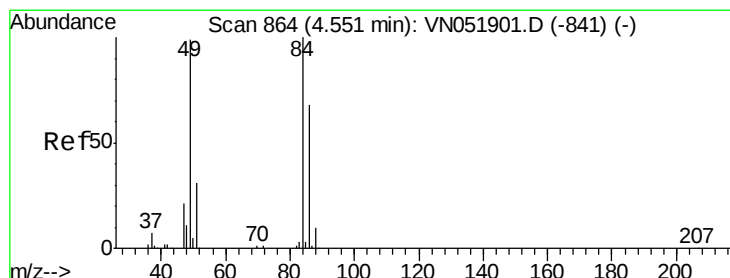
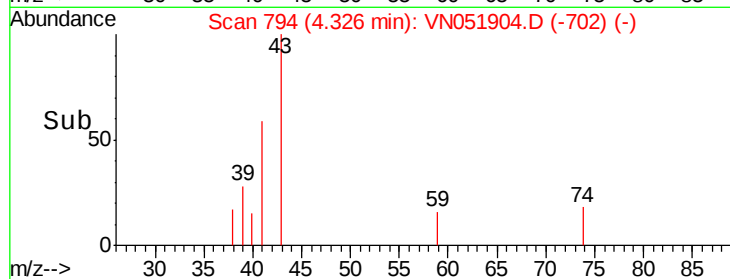
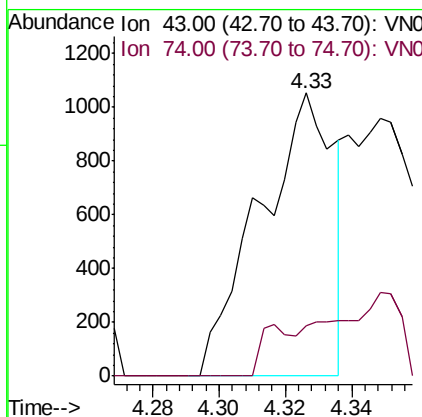
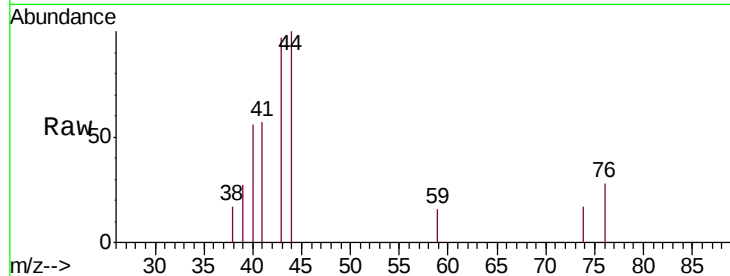
78 9.6 7.6 11.4





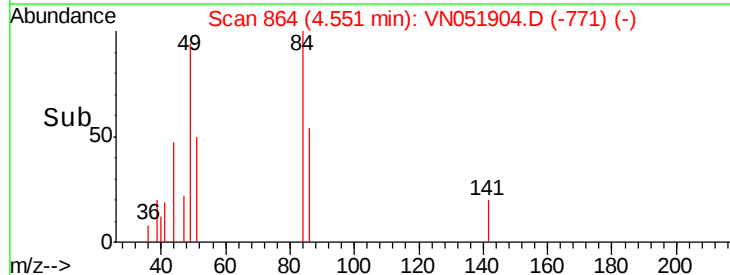
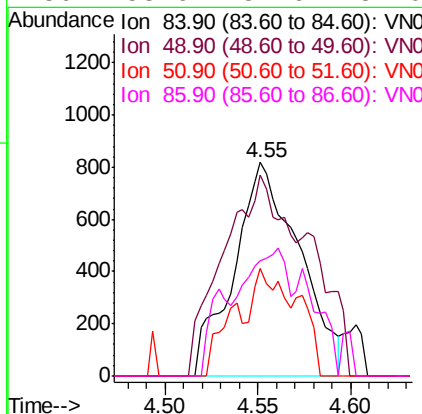
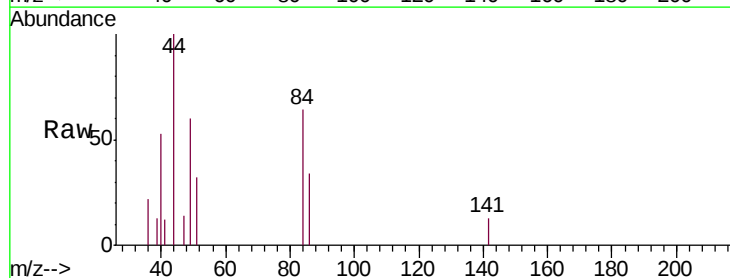
#18
Methyl Acetate
Concen: 0.317 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

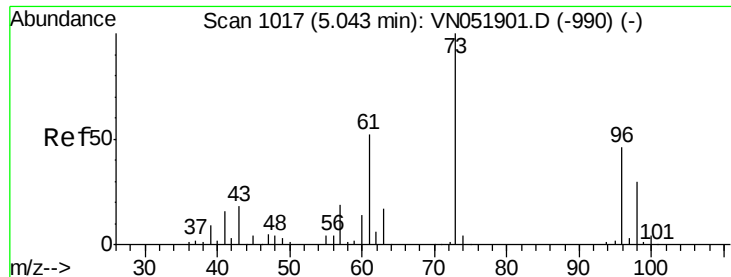
Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
74 7.9 24.9 37.3#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 84 Resp: 2008
Ion Ratio Lower Upper
84 100
49 93.8 79.0 118.4
51 50.2 24.9 37.3#
86 53.6 54.6 82.0#





#21

trans-1,2-Dichloroethene

Concen: 0.270 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

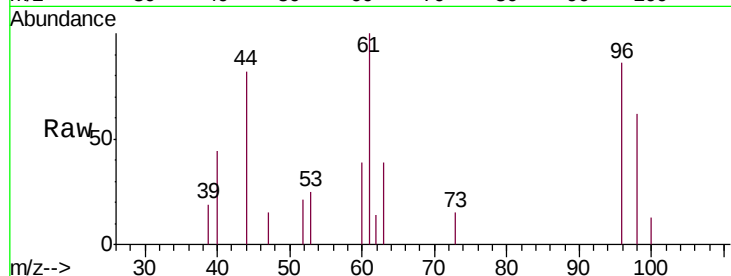
Tgt Ion: 96 Resp: 2110

Ion Ratio Lower Upper

96 100

61 98.0 89.8 134.6

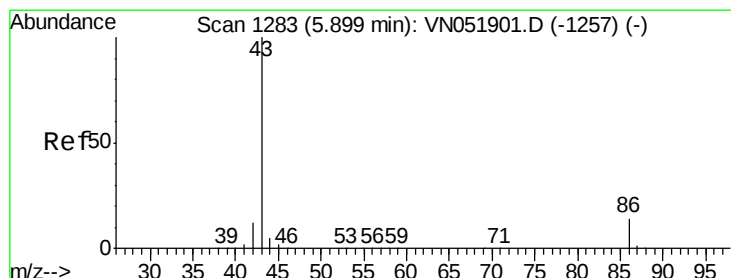
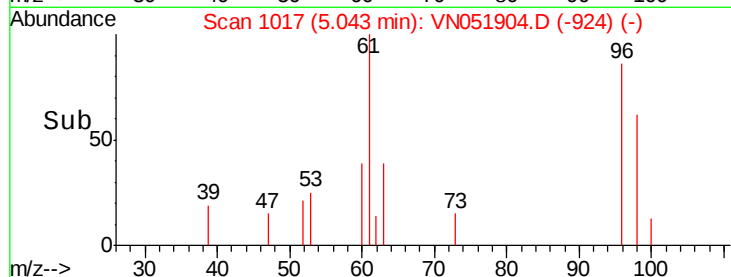
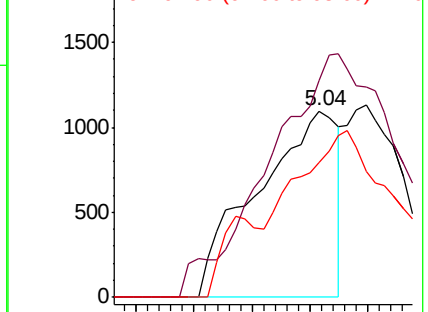
98 72.2 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VN051904.D (-990) (-)

Ion 60.90 (60.60 to 61.60): VN051904.D (-990) (-)

Ion 97.90 (97.60 to 98.60): VN051904.D (-990) (-)



#23

Vinyl Acetate

Concen: 0.255 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.02 min

Lab File: VN051904.D

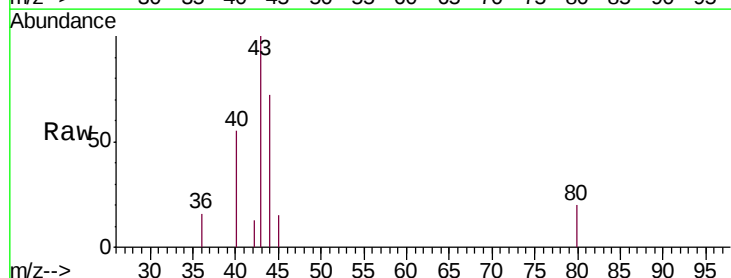
Acq: 17 Oct 2018 11:26

Tgt Ion: 43 Resp: 3008

Ion Ratio Lower Upper

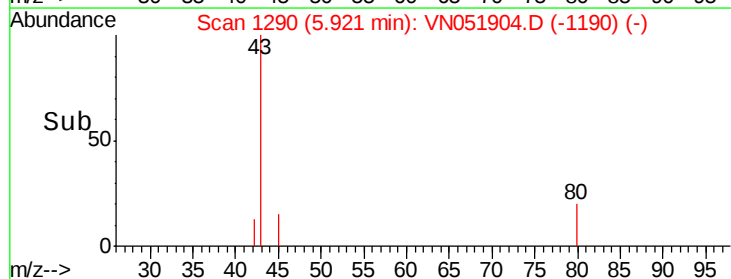
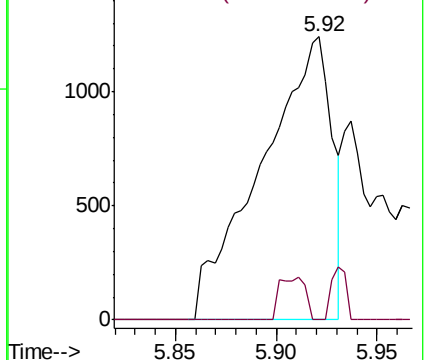
43 100

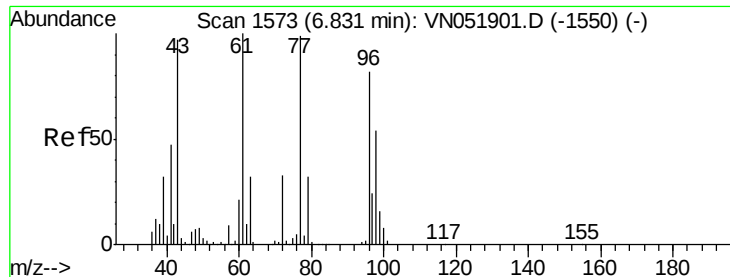
86 0.0 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051904.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN051904.D (-1190) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.286 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

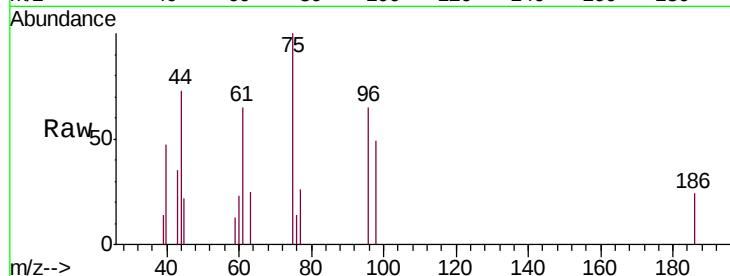
Tgt Ion: 96 Resp: 2591

Ion Ratio Lower Upper

96 100

61 73.9 0.0 240.2

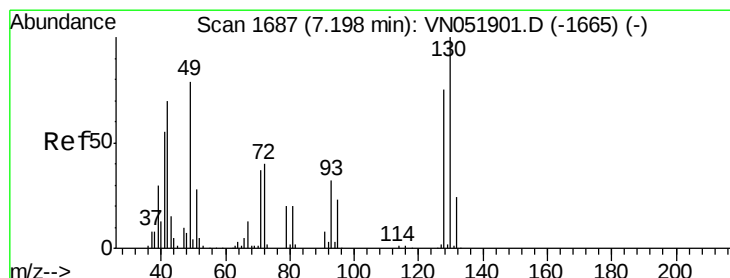
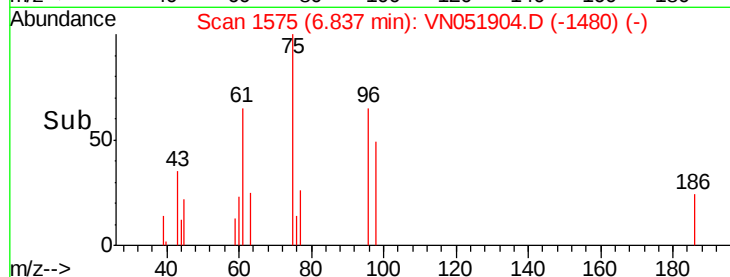
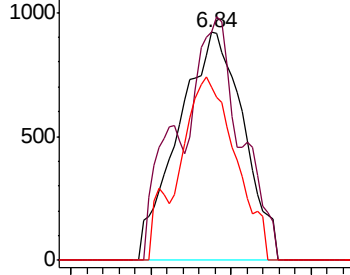
98 62.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN051901.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN051901.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN051901.D (-1550) (-)



#28

Bromochloromethane

Concen: 0.227 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

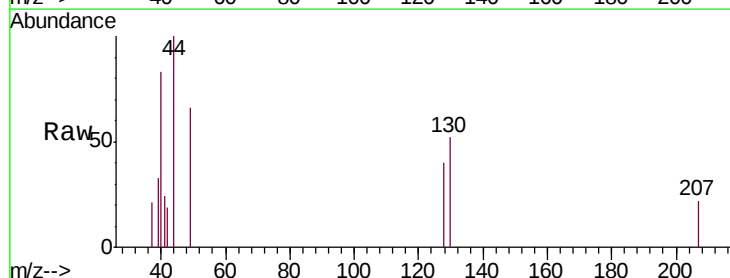
Tgt Ion: 49 Resp: 1144

Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

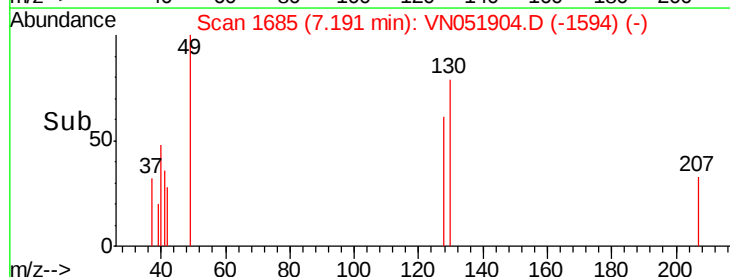
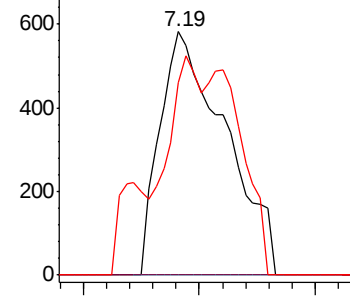
130 23.9 96.7 145.1#

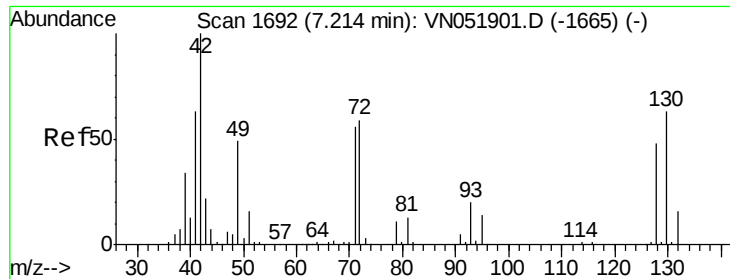


Abundance Ion 48.90 (48.60 to 49.60): VN051901.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051901.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051901.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 1.070 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

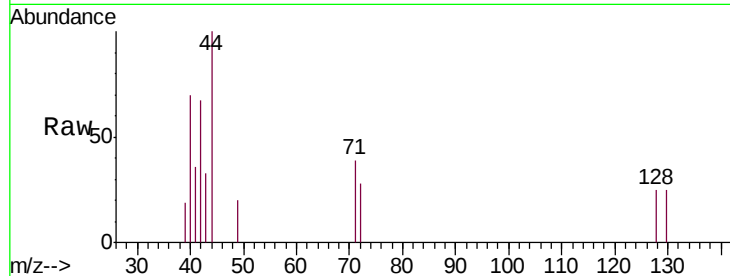
Tgt Ion: 42 Resp: 1448

Ion Ratio Lower Upper

42 100

72 26.6 47.7 71.5#

71 30.5 45.4 68.0#

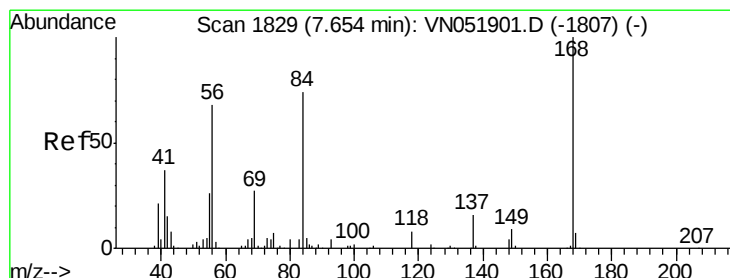
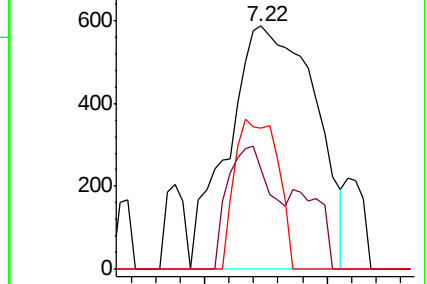
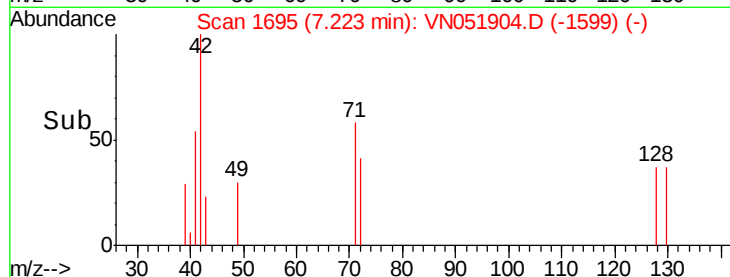


Abundance Ion 42.00 (41.70 to 42.70): VN051901.D (-1665) (-)

Ion 72.00 (71.70 to 72.70): VN051901.D (-1665) (-)

Ion 71.00 (70.70 to 71.70): VN051901.D (-1665) (-)

Time-->



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

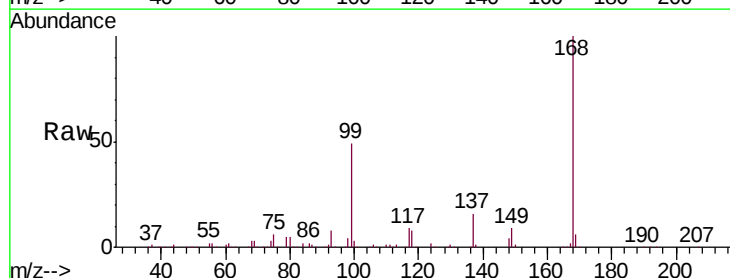
Tgt Ion: 56 Resp: 15232

Ion Ratio Lower Upper

56 100

69 168.5 31.2 46.8#

84 153.0 86.6 130.0#

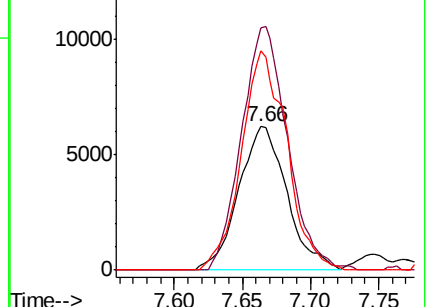
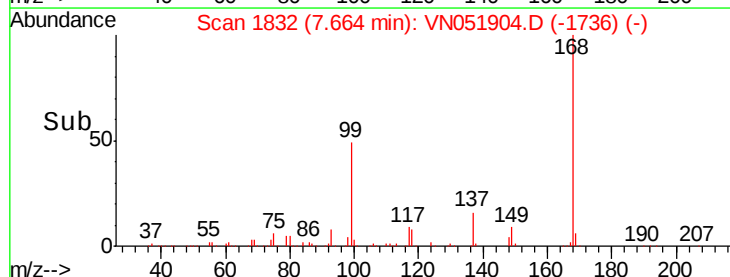


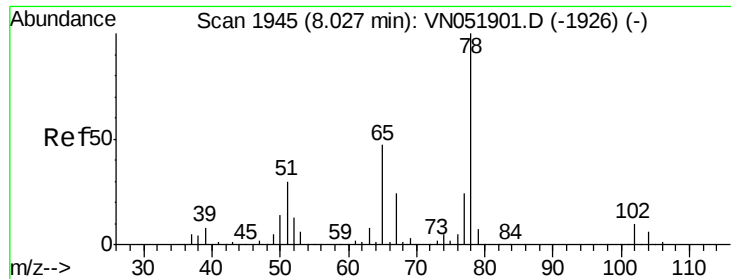
Abundance Ion 56.00 (55.70 to 56.70): VN051901.D (-1807) (-)

Ion 69.00 (68.70 to 69.70): VN051901.D (-1807) (-)

Ion 84.00 (83.70 to 84.70): VN051901.D (-1807) (-)

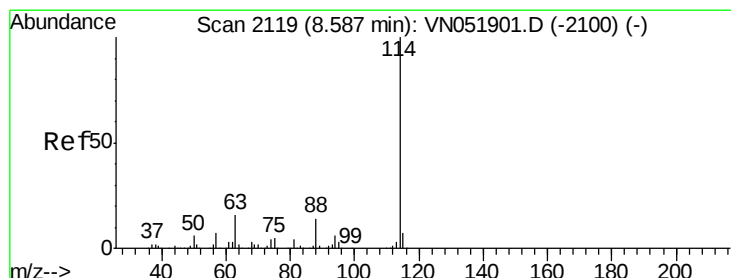
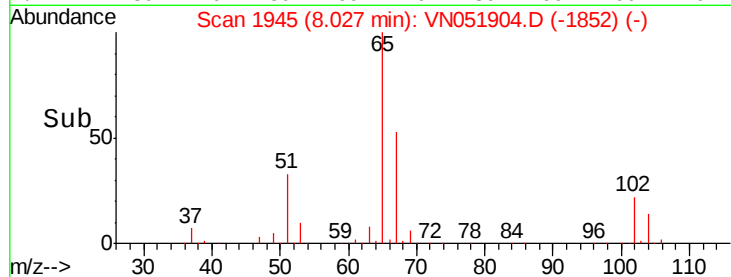
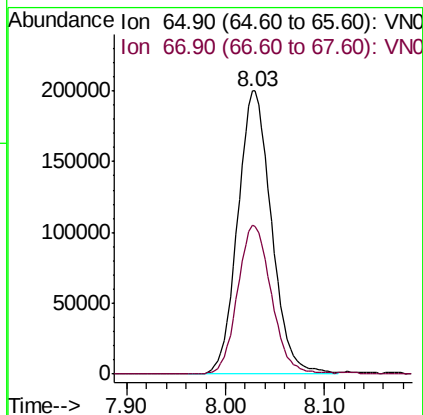
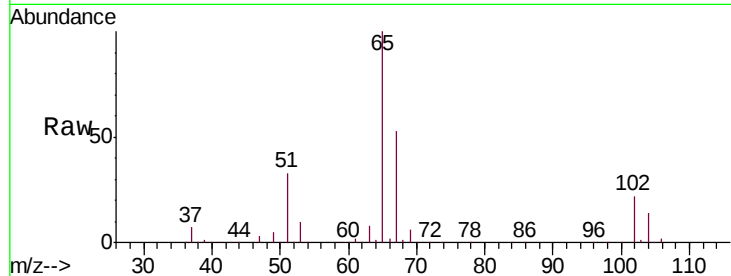
Time-->





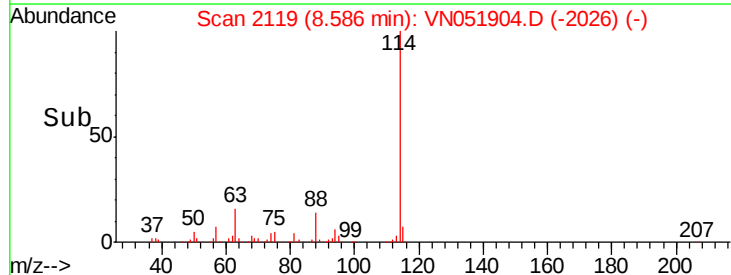
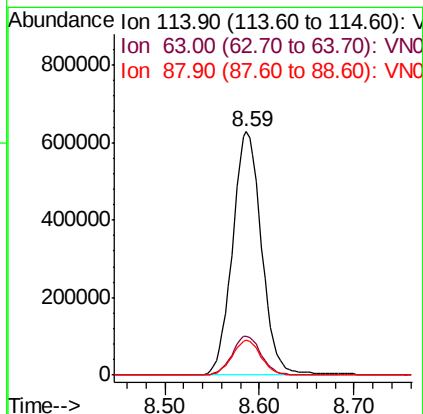
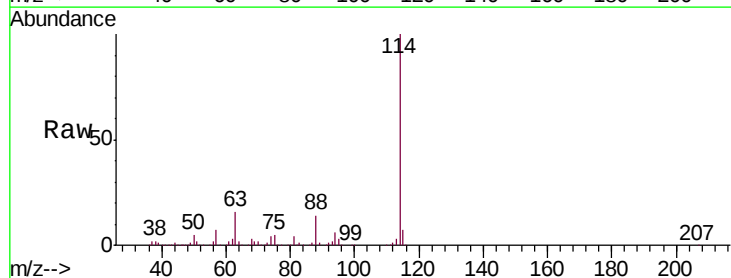
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

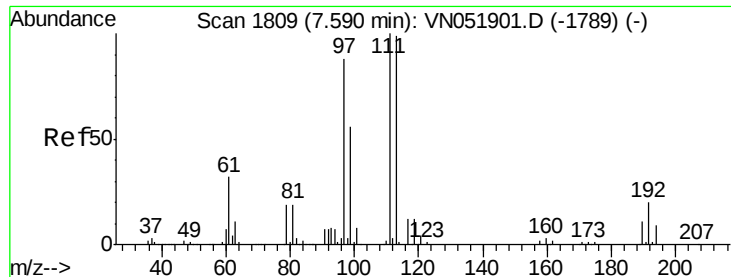
Tgt Ion: 65 Resp: 473814
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

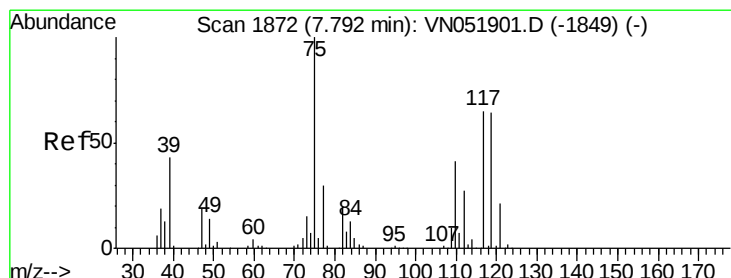
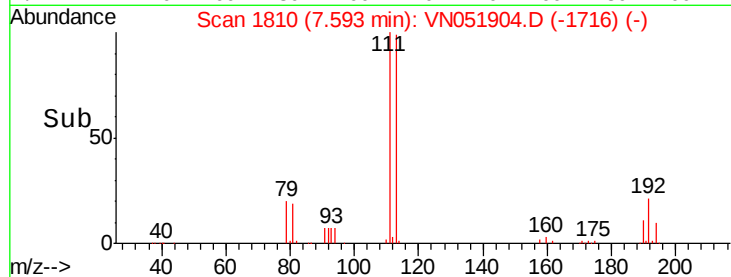
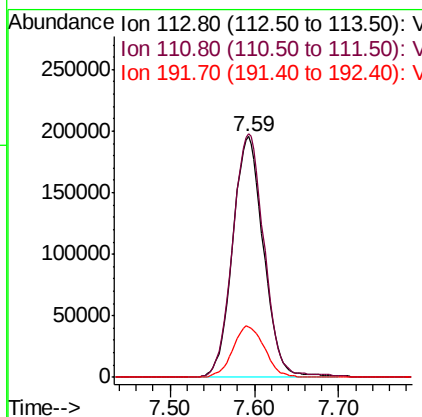
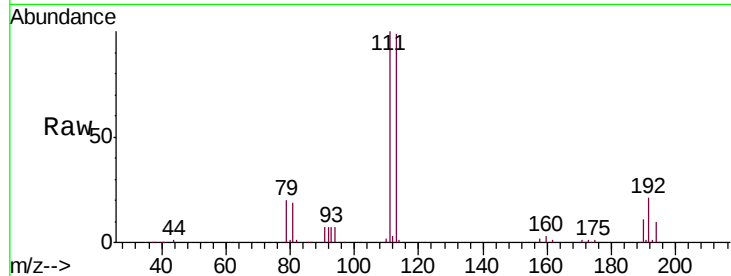
Tgt Ion: 114 Resp: 1342532
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.8
 88 14.2 0.0 28.0





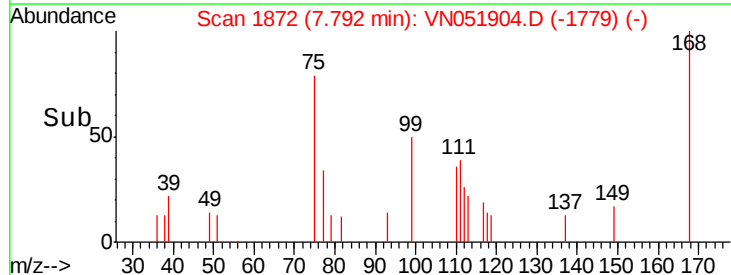
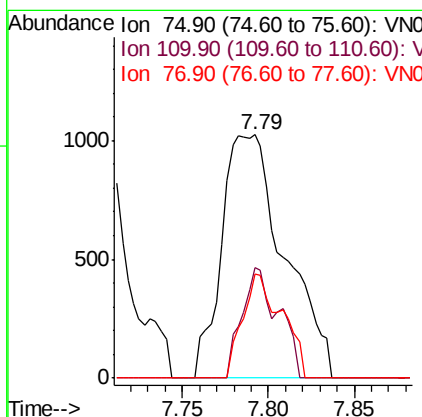
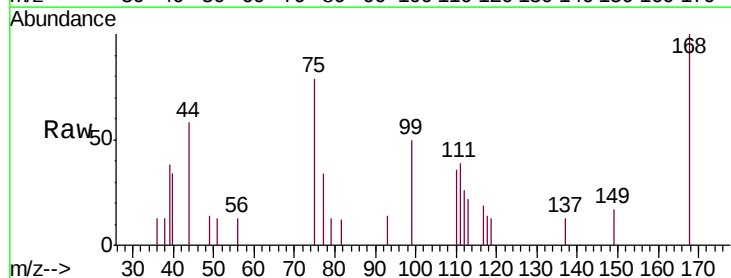
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

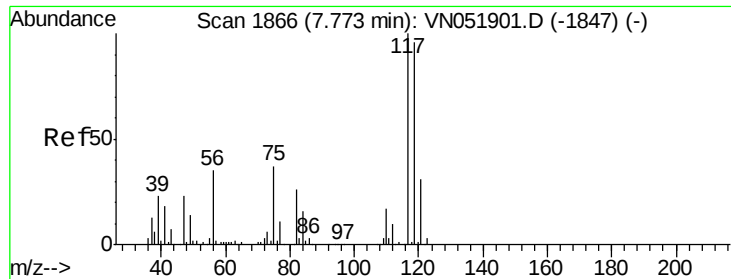
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	21.8	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 0.250 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	26.1	21.0	63.0
77	26.6	24.9	37.3





#38

Carbon Tetrachloride

Concen: 6.821 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

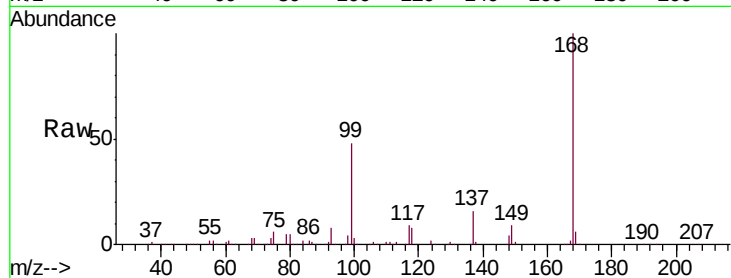
Tgt Ion:117 Resp: 83706

Ion Ratio Lower Upper

117 100

119 4.6 77.0 115.6#

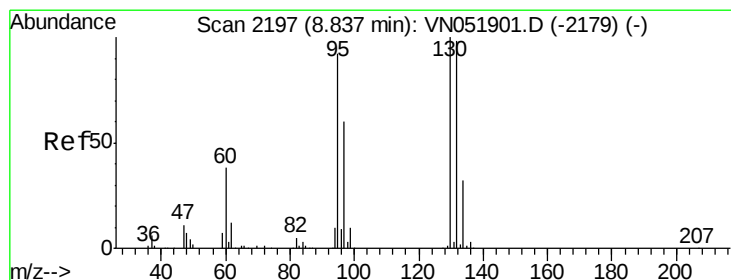
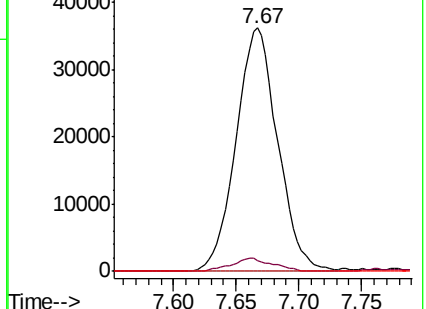
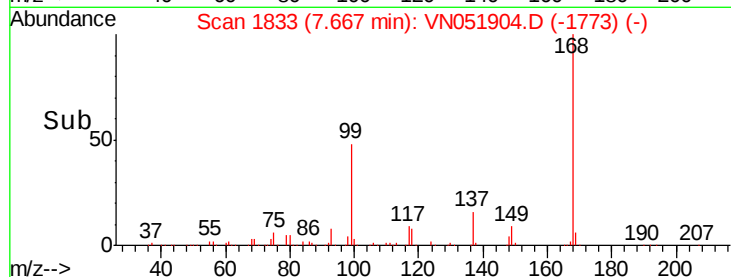
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.273 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051904.D

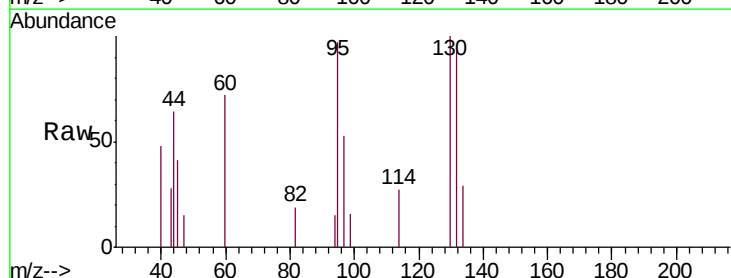
Acq: 17 Oct 2018 11:26

Tgt Ion:130 Resp: 2611

Ion Ratio Lower Upper

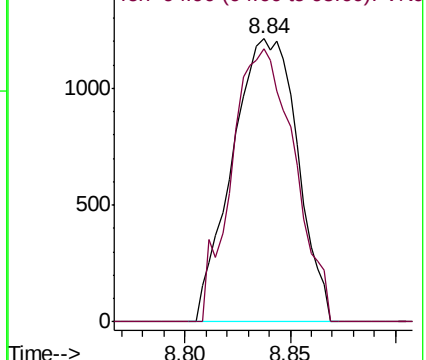
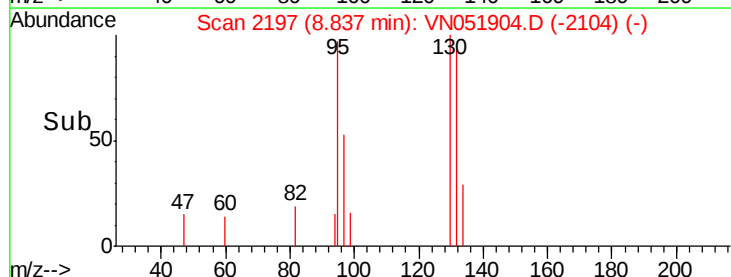
130 100

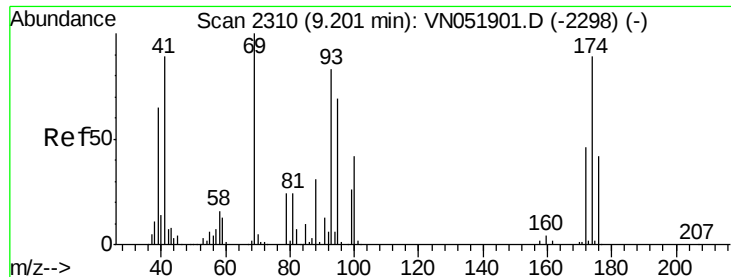
95 96.7 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#48

Methyl methacrylate

Concen: 0.203 ug/l

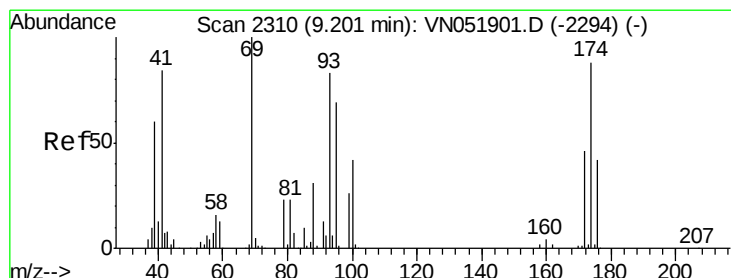
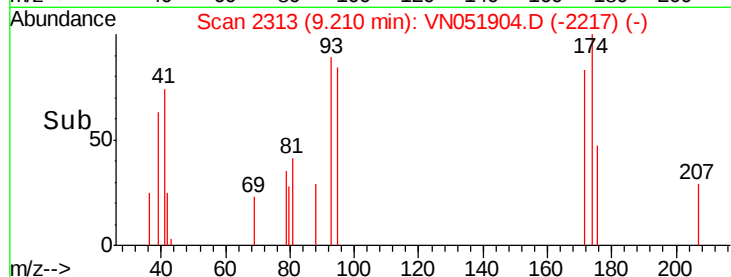
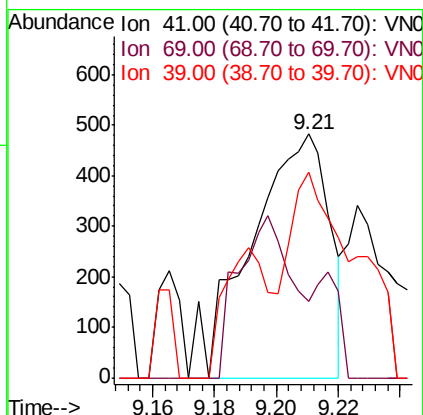
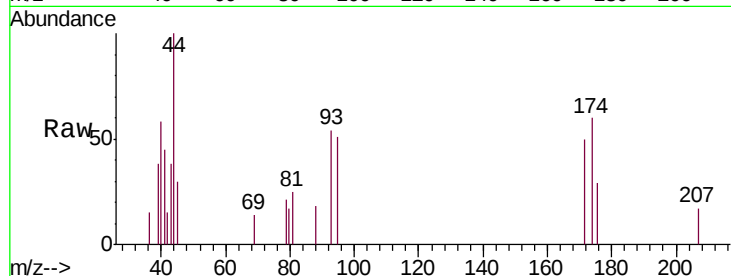
RT: 9.21 min Scan# 2313

Delta R.T. 0.01 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

Tgt Ion:	41	Resp:	853
Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.2	135.2#
39	69.6	59.7	89.5



#49

1,4-Dioxane

Concen: 3.530 ug/l

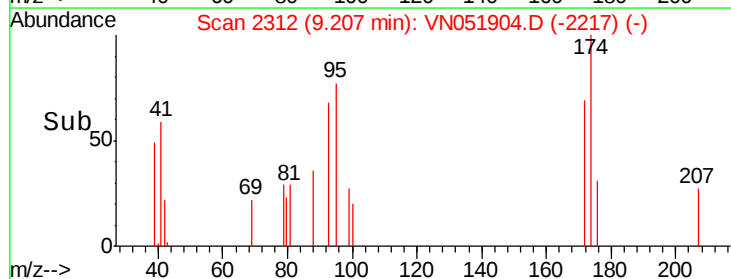
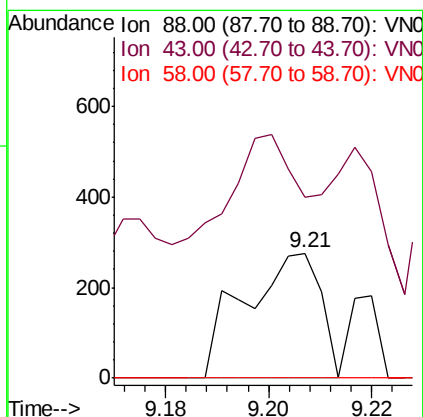
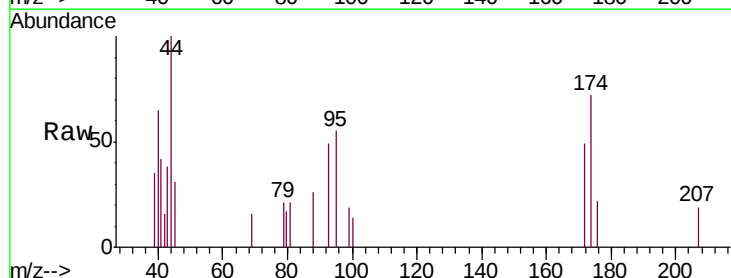
RT: 9.21 min Scan# 2312

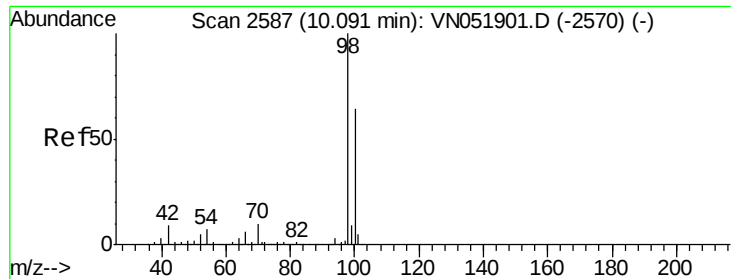
Delta R.T. 0.01 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

Tgt Ion:	88	Resp:	282
Ion	Ratio	Lower	Upper
88	100		
43	69.5	19.7	29.5#
58	0.0	42.6	64.0#





#50

Toluene-d8

Concen: 3.530 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051904.D

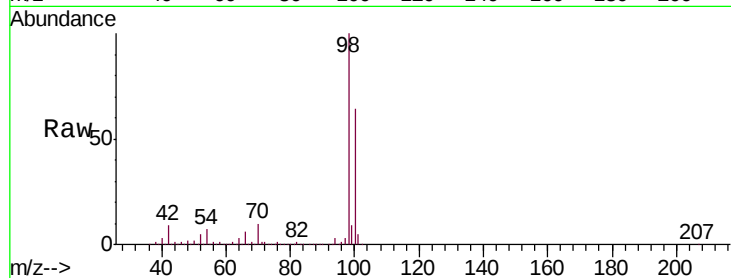
Acq: 17 Oct 2018 11:26

Tgt Ion: 98 Resp: 1802228

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN051901.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051901.D (-2570) (-)

10.09

1000000

800000

600000

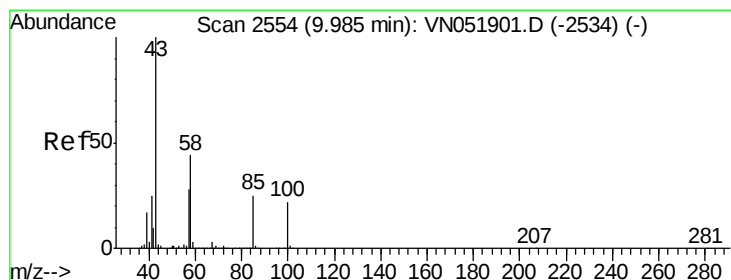
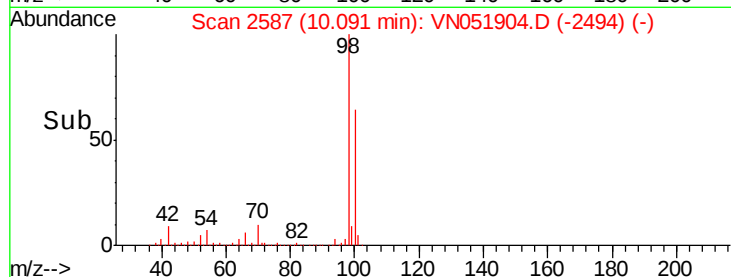
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 0.611 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051904.D

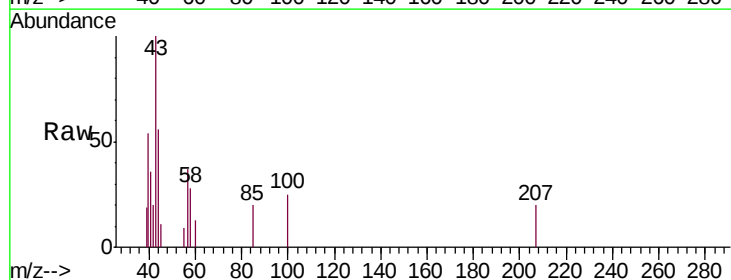
Acq: 17 Oct 2018 11:26

Tgt Ion: 43 Resp: 2965

Ion Ratio Lower Upper

43 100

58 23.0 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN051901.D (-2534) (-)

9.99

2000

1500

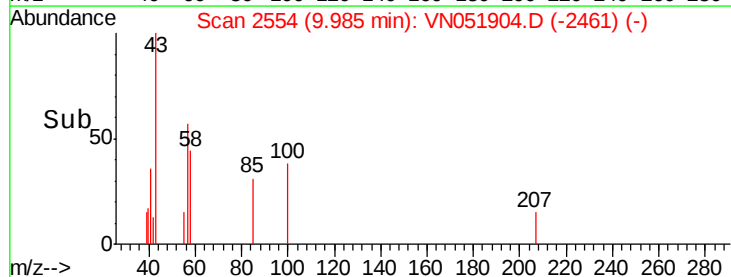
1000

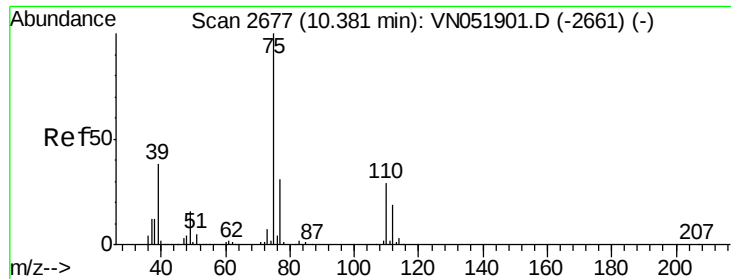
500

0

Time-->

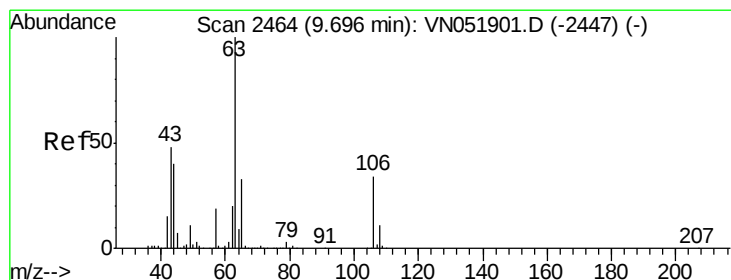
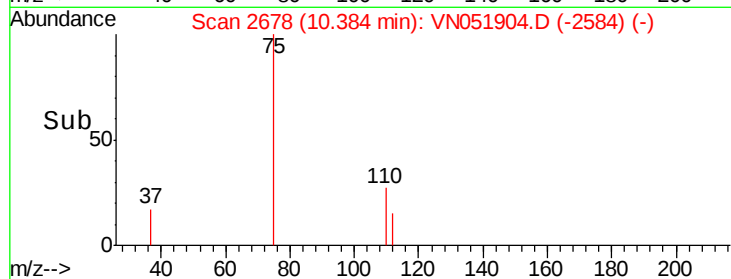
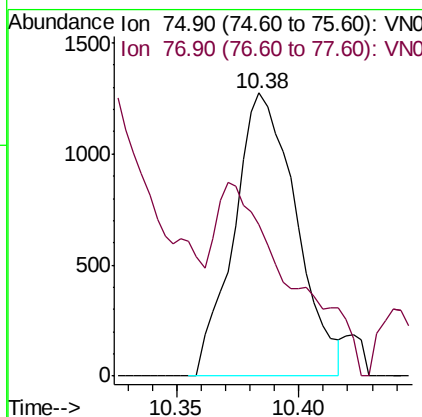
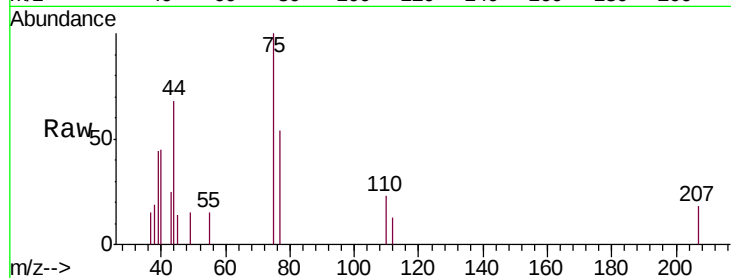
9.95 10.00 10.05





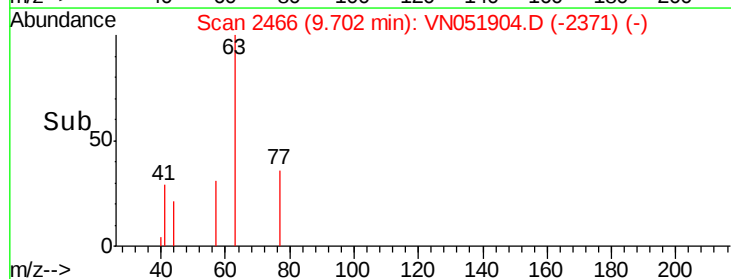
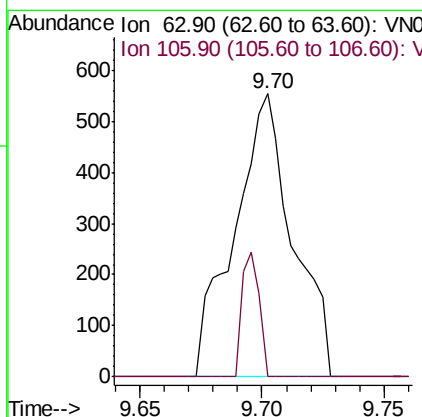
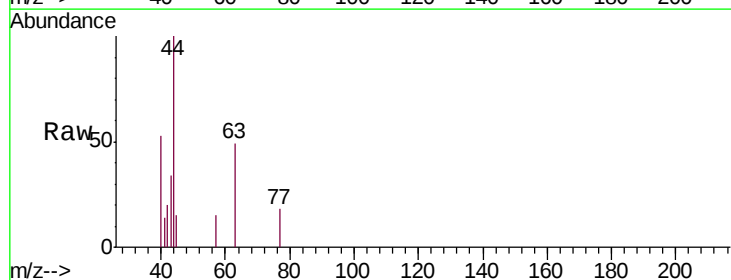
#53
t-1,3-Dichloropropene
Concen: 0.221 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

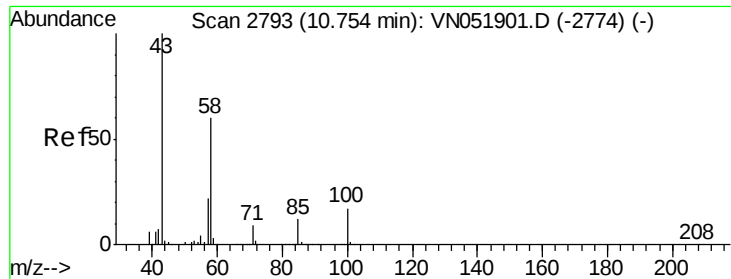
Tgt Ion: 75 Resp: 2253
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.259 ug/l
RT: 9.70 min Scan# 2466
Delta R.T. 0.01 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

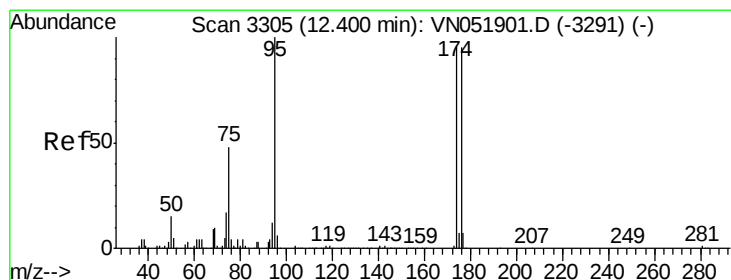
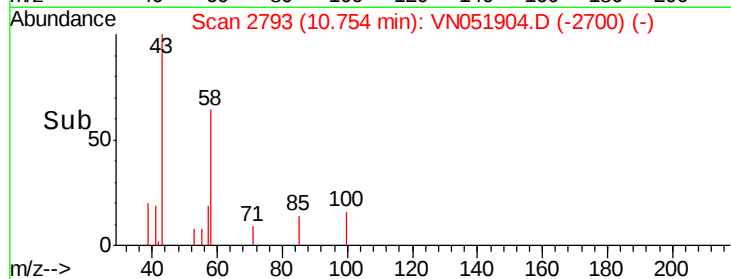
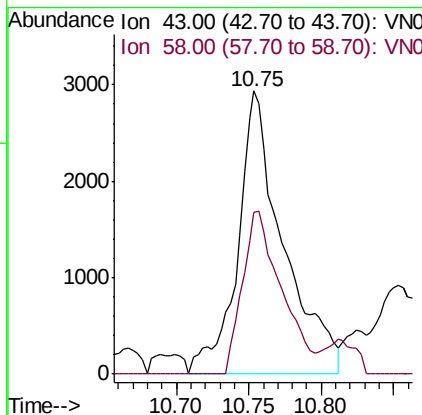
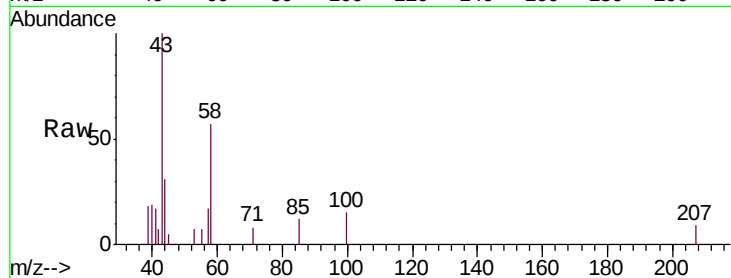
Tgt Ion: 63 Resp: 915
Ion Ratio Lower Upper
63 100
106 13.0 27.5 41.3#





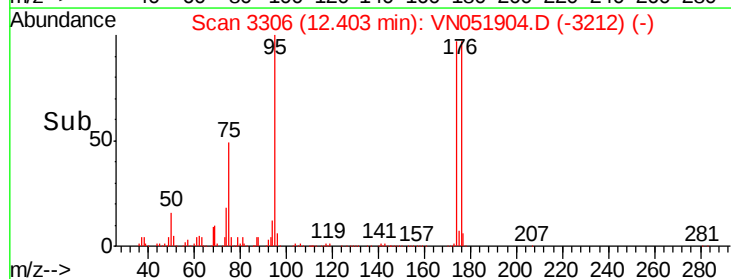
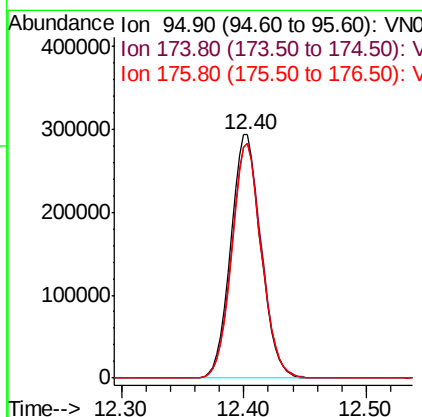
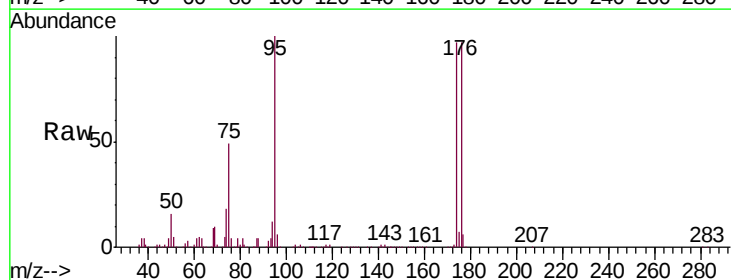
#59
2-Hexanone
Concen: 1.959 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

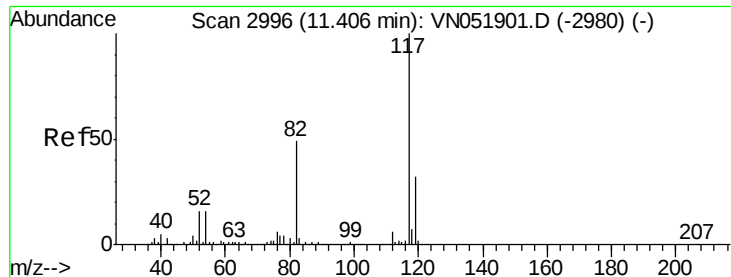
Tgt Ion: 43 Resp: 6373
Ion Ratio Lower Upper
43 100
58 49.7 29.8 89.5



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

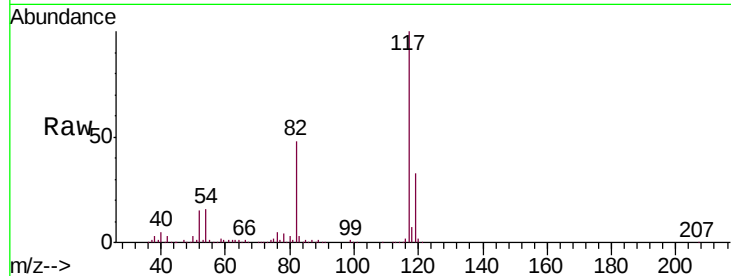
Tgt Ion: 95 Resp: 503401
Ion Ratio Lower Upper
95 100
174 96.6 0.0 195.0
176 94.4 0.0 191.4



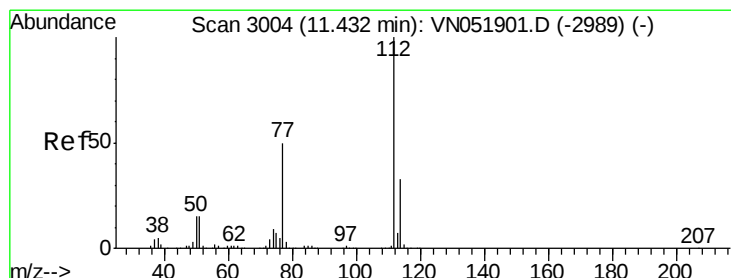
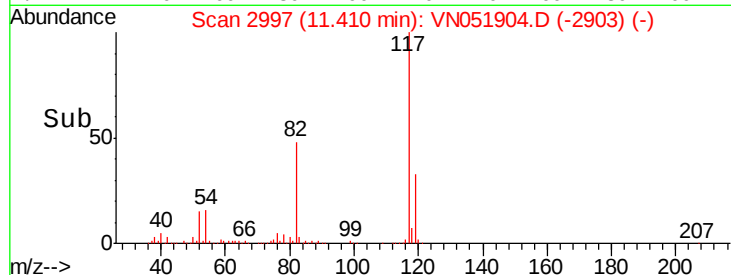
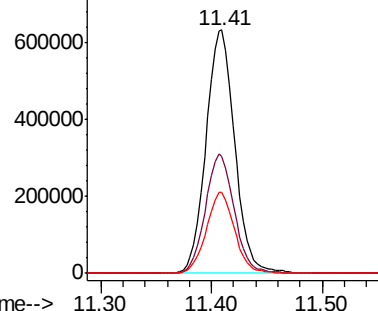


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion:117 Resp: 1141940
Ion Ratio Lower Upper
117 100
82 48.0 38.9 58.3
119 33.4 25.9 38.9

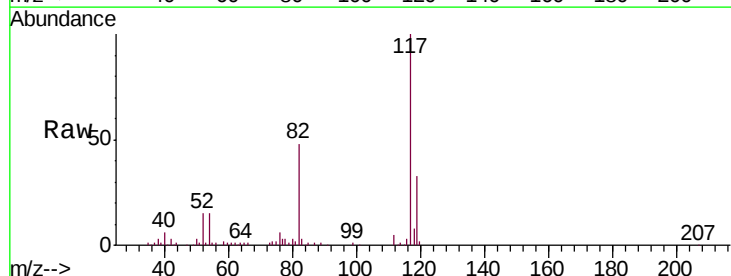


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

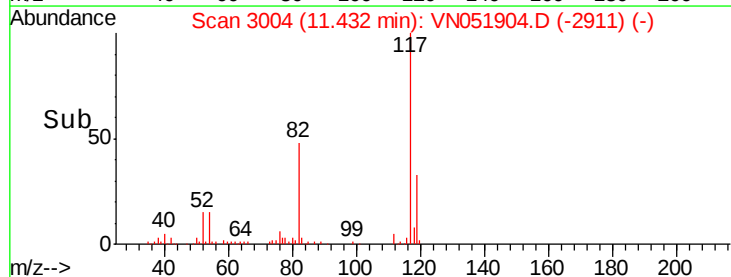
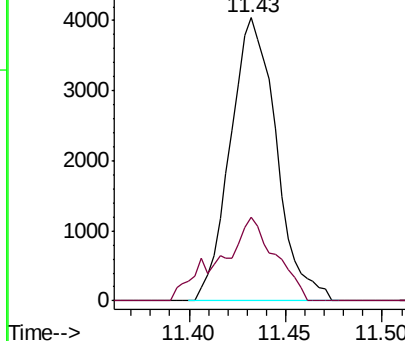


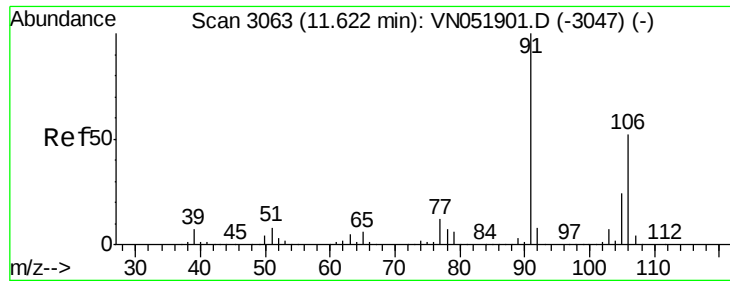
#65
Chlorobenzene
Concen: 0.293 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion:112 Resp: 6681
Ion Ratio Lower Upper
112 100
114 29.7 26.4 39.6



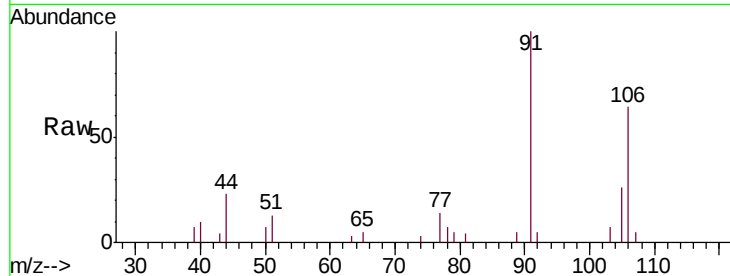
Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



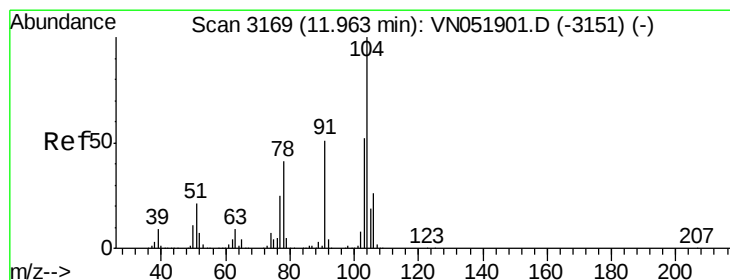
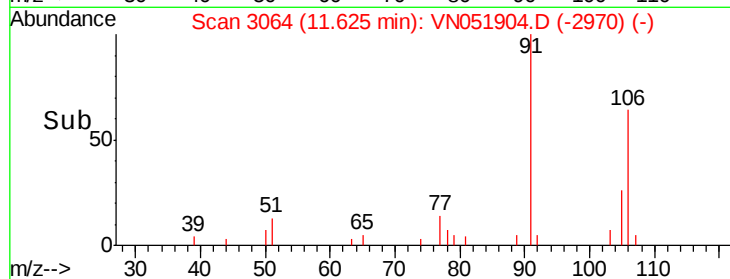
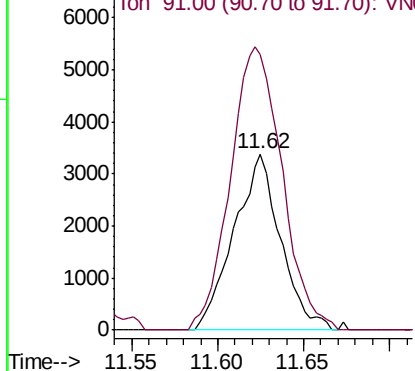


#68
m/p-Xylenes
Concen: 0.425 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion:106 Resp: 6380
Ion Ratio Lower Upper
106 100
91 178.2 153.6 230.4

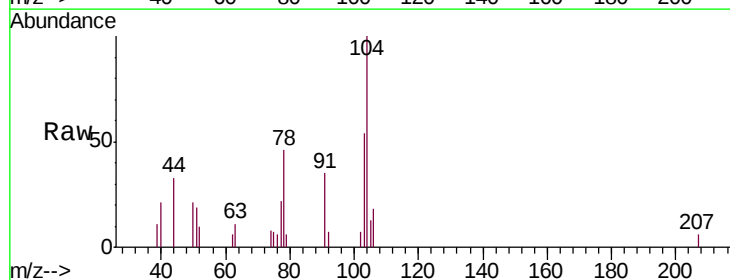


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

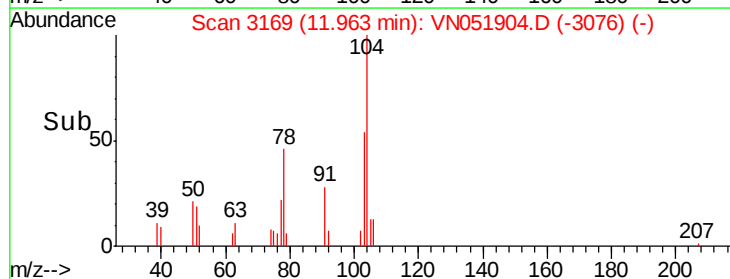
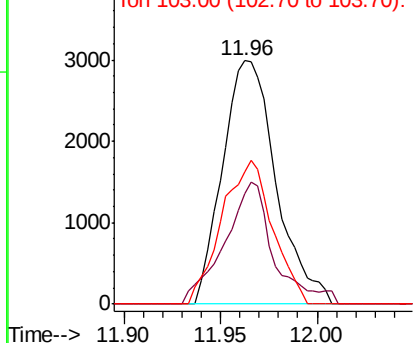


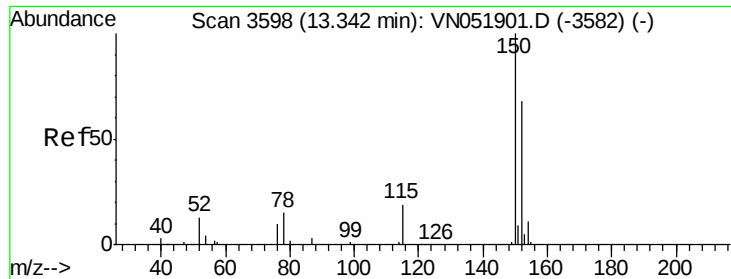
#70
Styrene
Concen: 0.256 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion:104 Resp: 5761
Ion Ratio Lower Upper
104 100
78 45.9 36.6 55.0
103 55.8 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

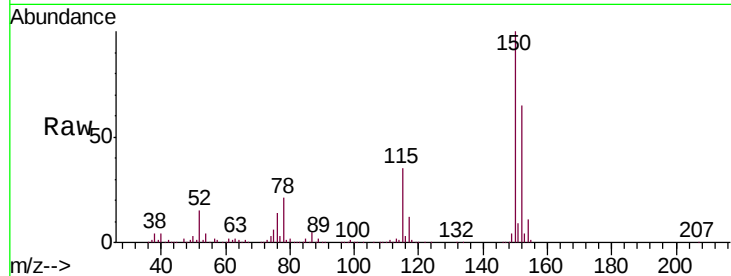




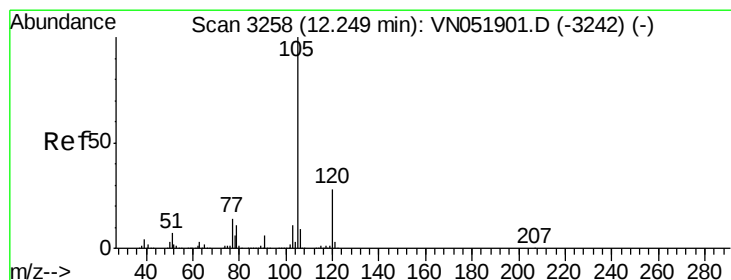
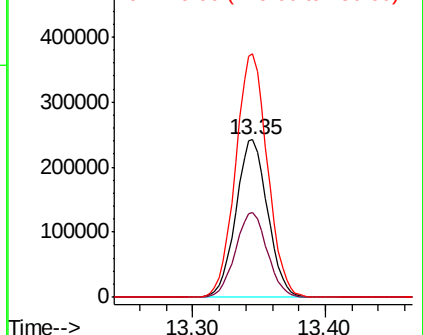
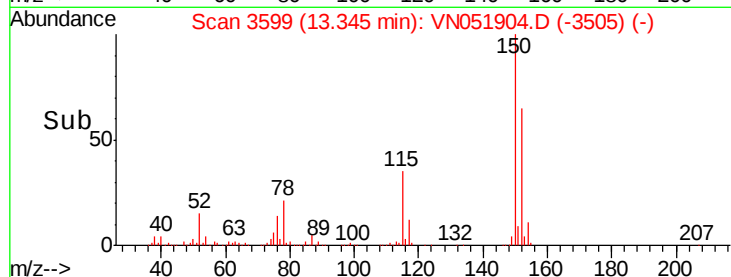
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.7	80.1
150	155.2	0.0	346.4



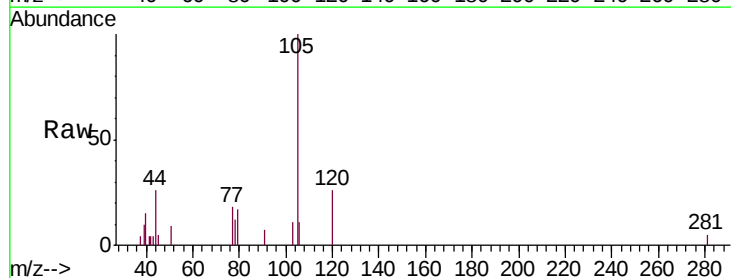
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



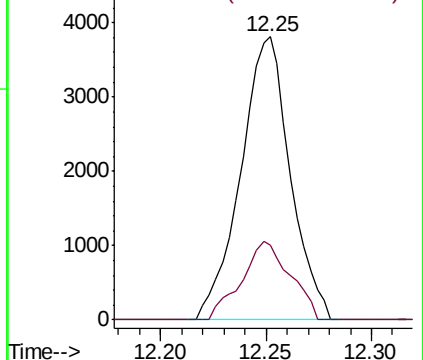
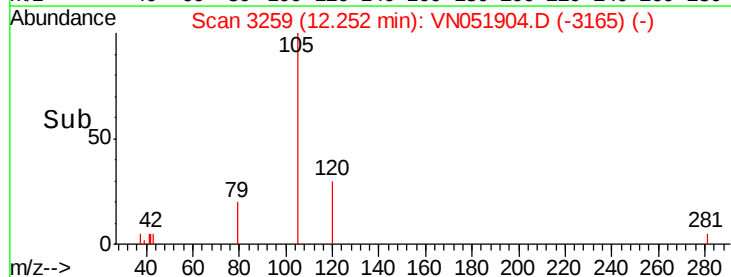
#73

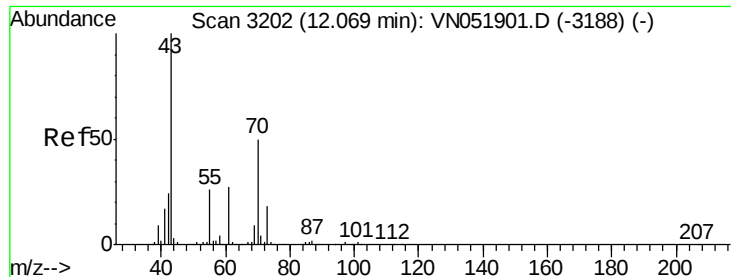
Isopropylbenzene
Concen: 0.200 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	14.0	41.9



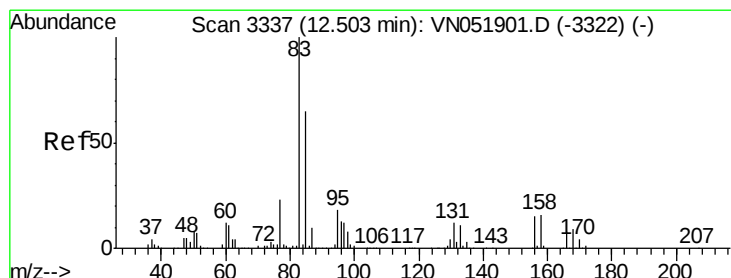
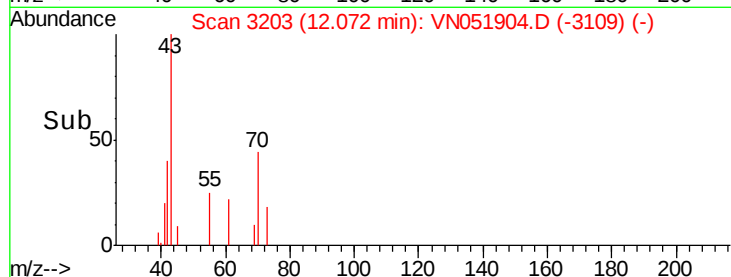
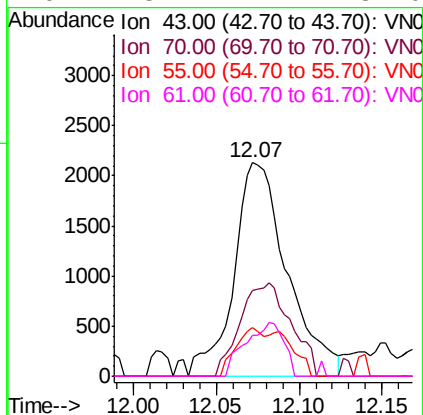
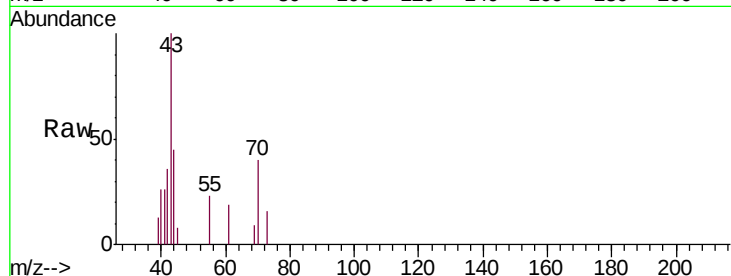
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





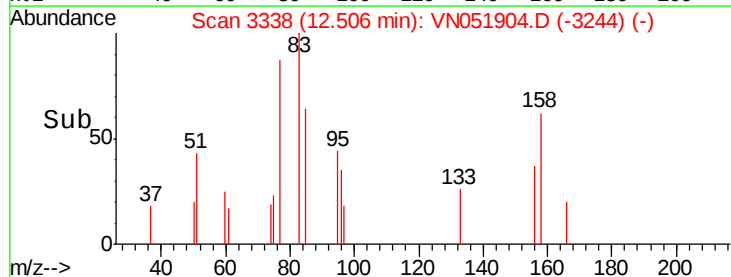
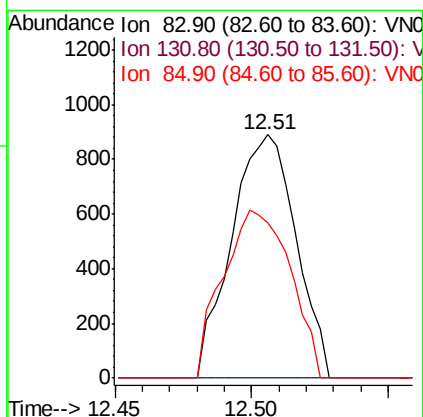
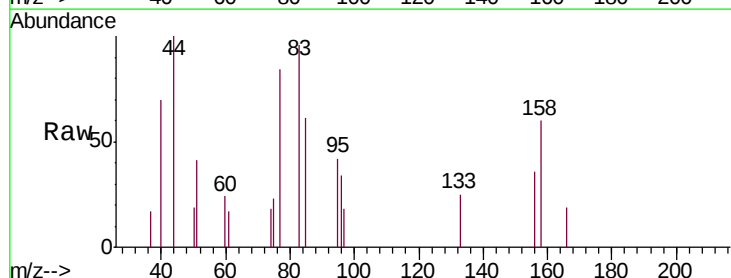
#74
N-ethyl acetate
Concen: 0.893 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

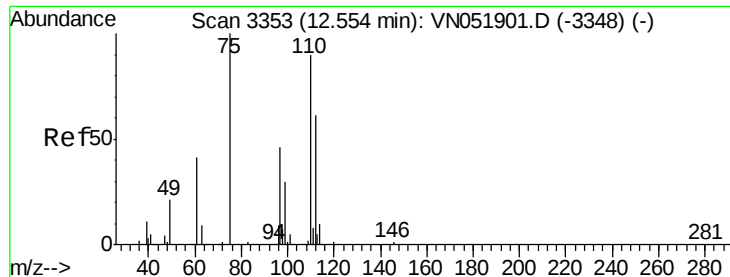
Tgt Ion: 43 Resp: 4777
Ion Ratio Lower Upper
43 100
70 41.2 40.1 60.1
55 11.6 21.0 31.4#
61 18.2 21.4 32.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.232 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 83 Resp: 1456
Ion Ratio Lower Upper
83 100
131 0.0 6.2 18.6#
85 72.2 32.6 97.7





#76

1,2,3-Trichloropropane

Concen: 48.999 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051904.D

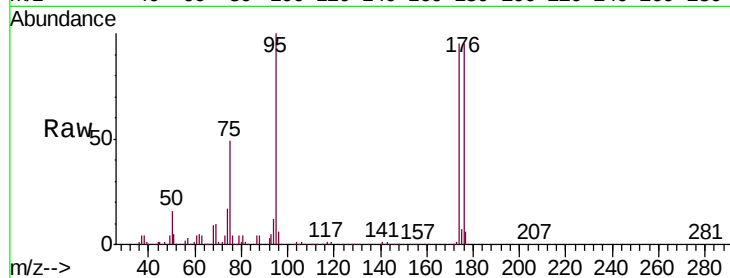
Acq: 17 Oct 2018 11:26

Tgt Ion: 75 Resp: 248956

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051901.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051901.D (-3348) (-)

12.40

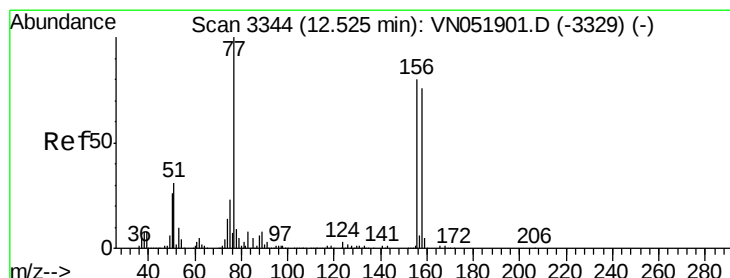
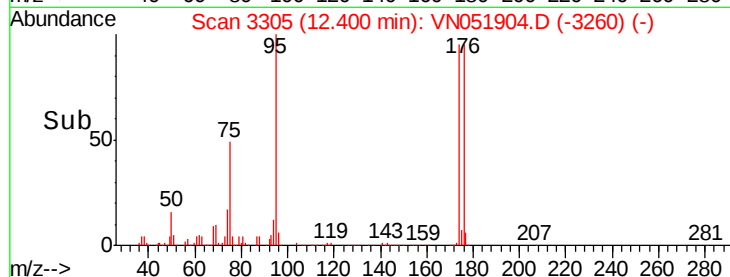
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: 0.498 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

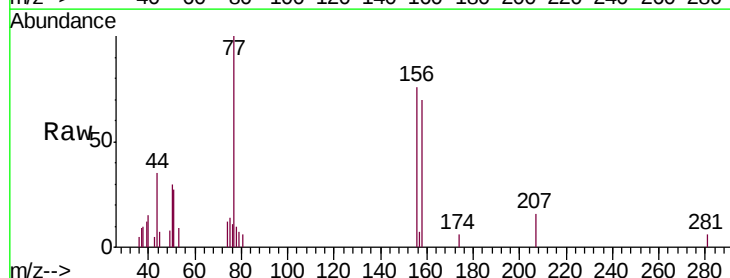
Tgt Ion: 156 Resp: 3942

Ion Ratio Lower Upper

156 100

77 156.3 73.0 219.0

158 102.6 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): VN051901.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN051901.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN051901.D (-3329) (-)

4000

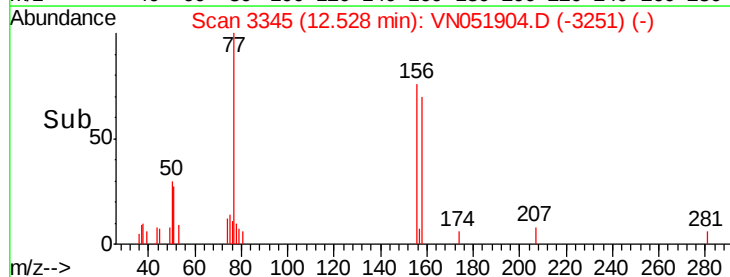
3000

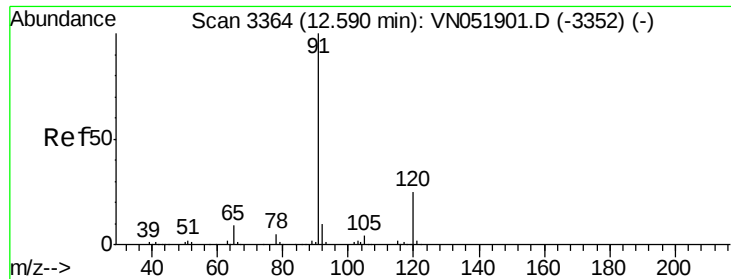
2000

1000

0

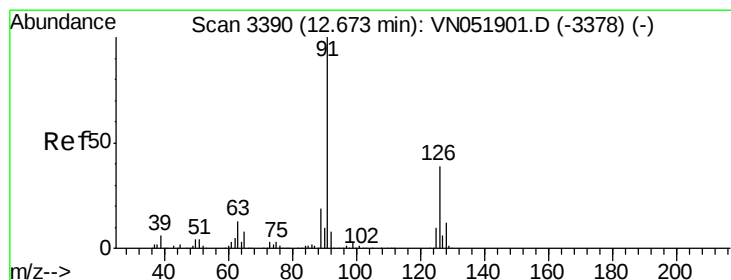
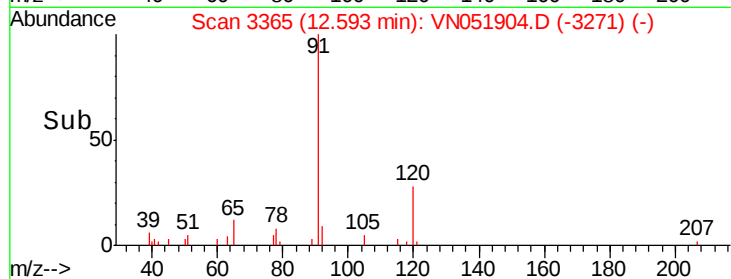
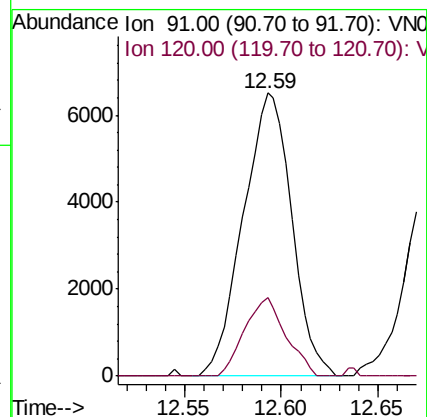
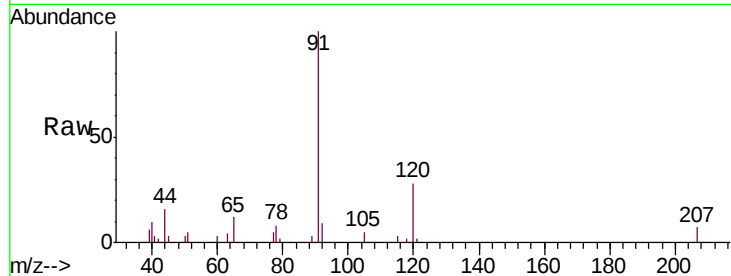
Time-->





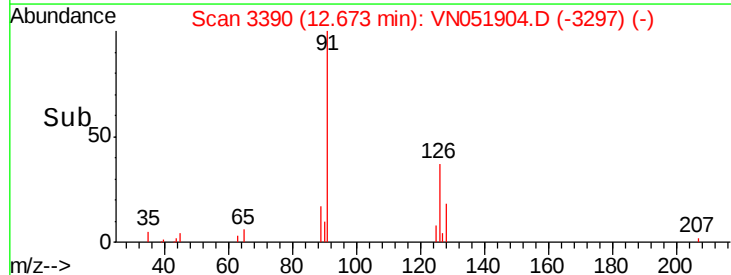
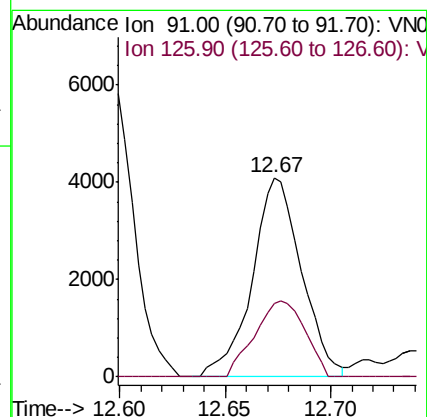
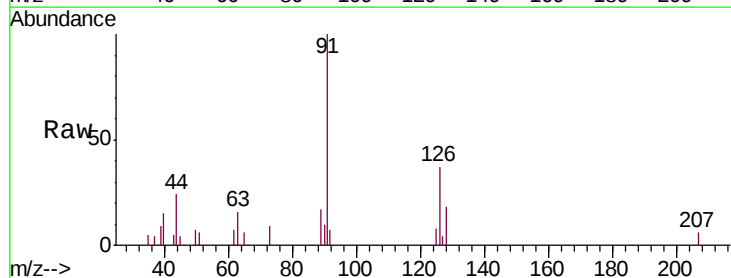
#78
n-propylbenzene
Concen: 0.351 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

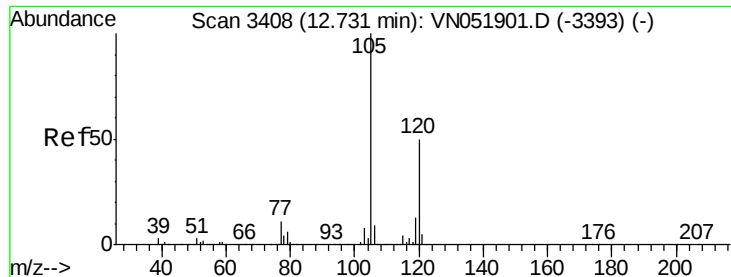
Tgt Ion: 91 Resp: 11363
Ion Ratio Lower Upper
91 100
120 23.7 12.9 38.7



#79
2-Chlorotoluene
Concen: 0.338 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 91 Resp: 6669
Ion Ratio Lower Upper
91 100
126 38.5 19.6 58.7





#80

1,3,5-Trimethylbenzene

Concen: 0.251 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN051904.D

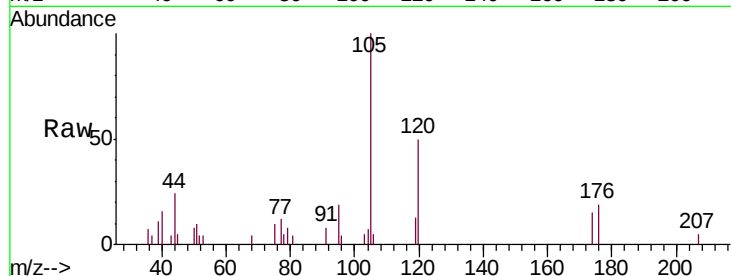
Acq: 17 Oct 2018 11:26

Tgt Ion: 105 Resp: 6317

Ion Ratio Lower Upper

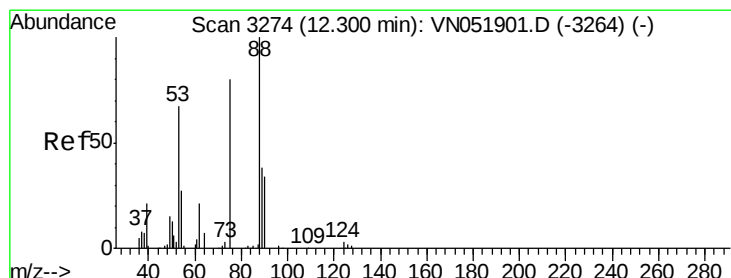
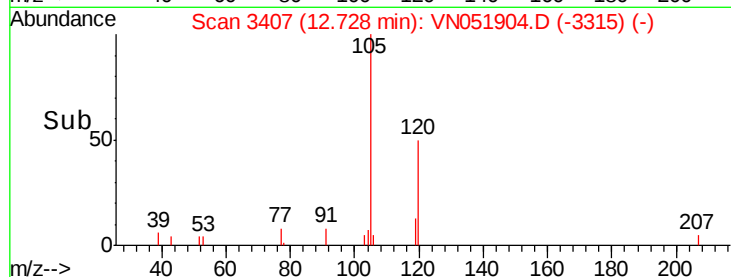
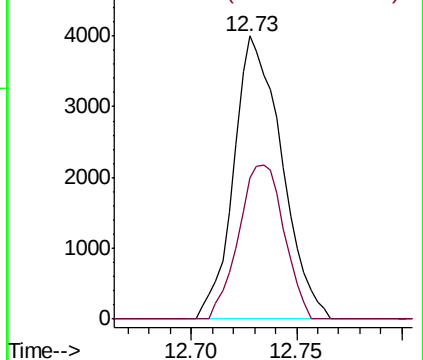
105 100

120 51.5 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 184.489 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

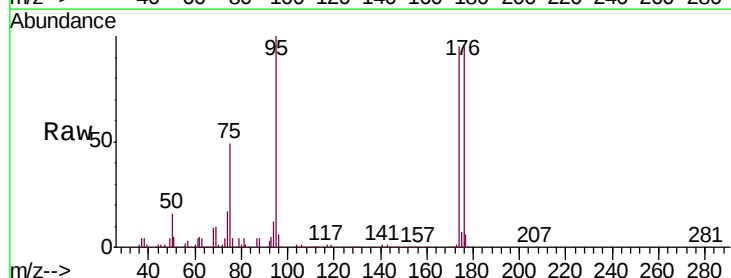
Tgt Ion: 75 Resp: 248956

Ion Ratio Lower Upper

75 100

53 0.0 68.5 102.7#

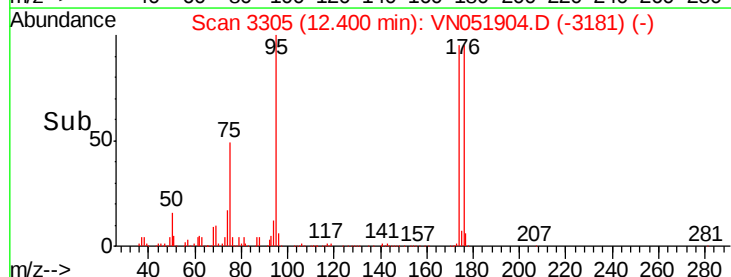
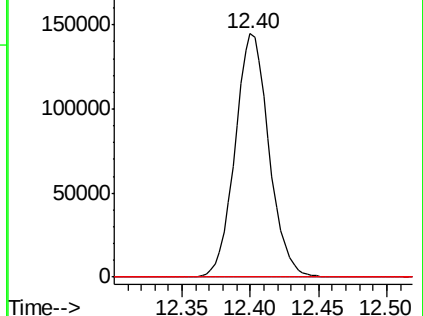
89 0.0 39.0 58.6#

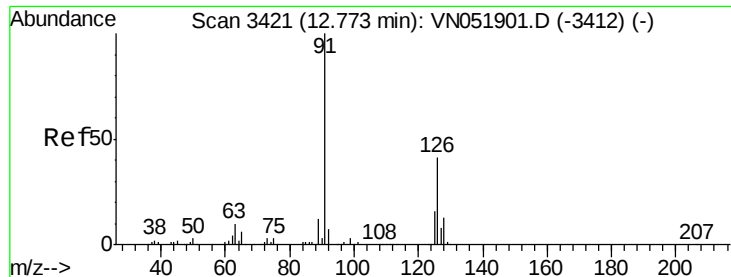


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

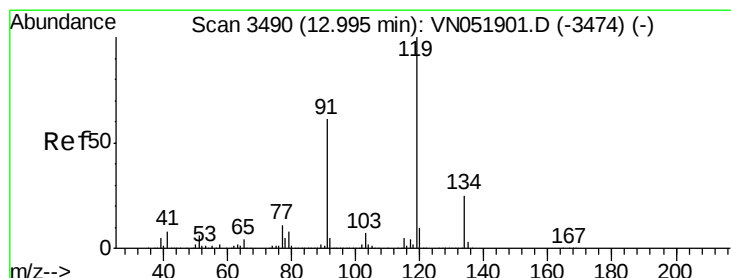
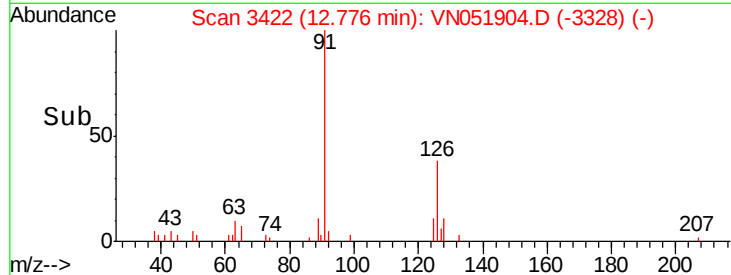
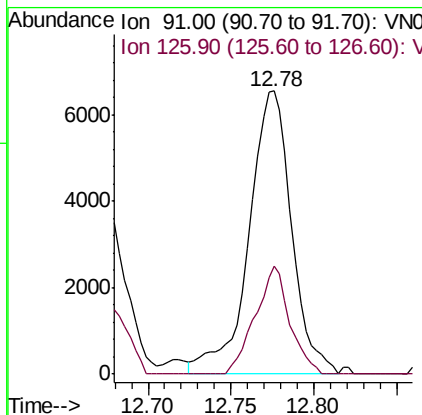
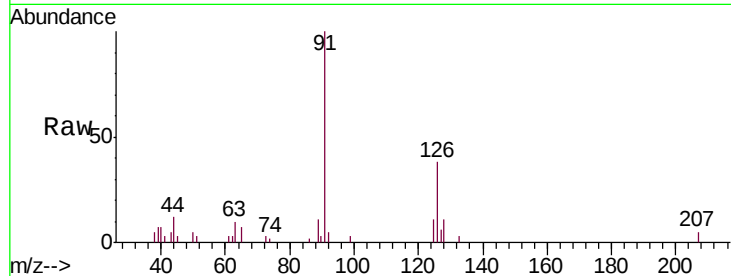
Ion 88.90 (88.60 to 89.60): VNO





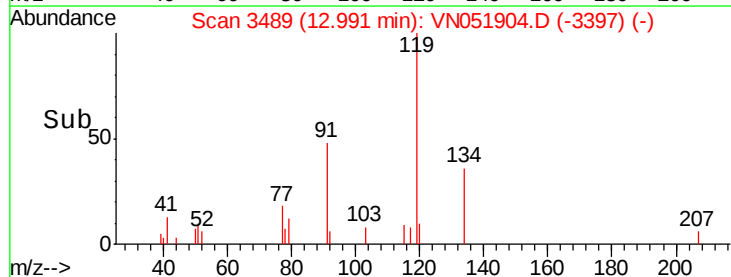
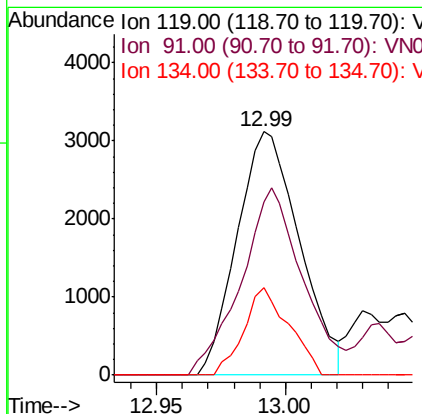
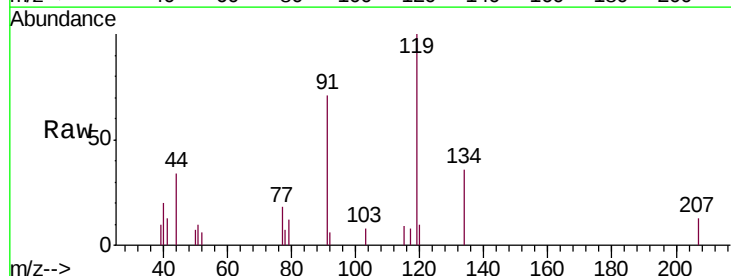
#82
 4-Chlorotoluene
 Concen: 0.620 ug/l
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

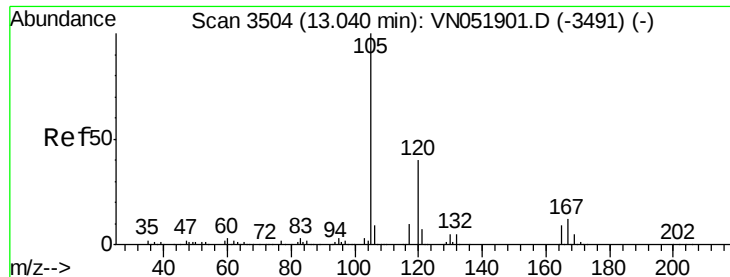
Tgt Ion: 91 Resp: 11724
 Ion Ratio Lower Upper
 91 100
 126 30.9 18.9 56.7



#83
 tert-Butylbenzene
 Concen: 0.223 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

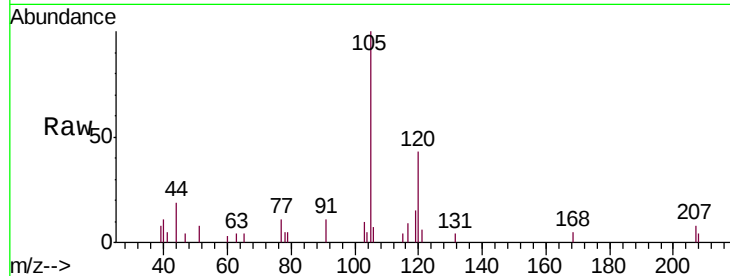
Tgt Ion: 119 Resp: 5273
 Ion Ratio Lower Upper
 119 100
 91 75.9 30.3 90.9
 134 25.9 13.4 40.1



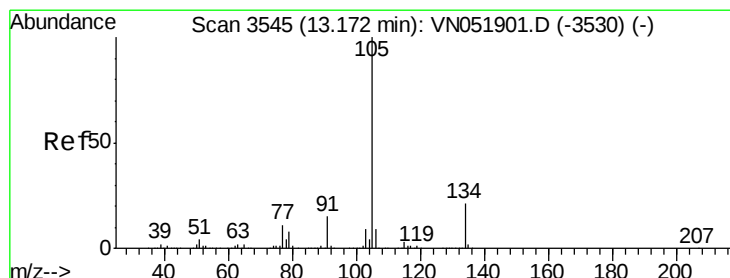
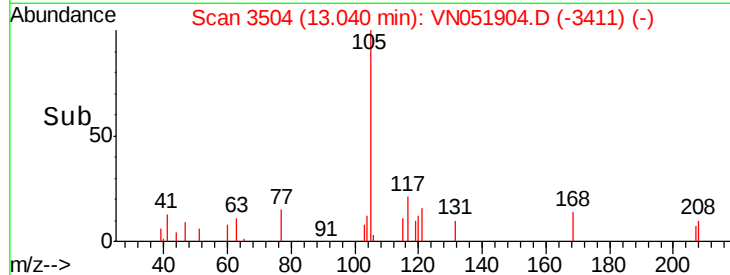
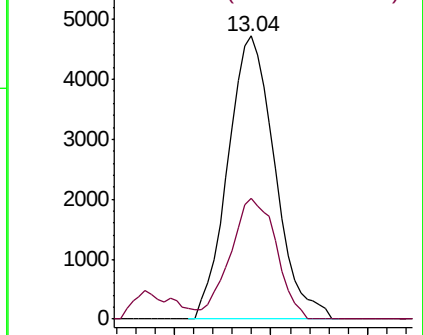


#84
 1,2,4-Trimethylbenzene
 Concen: 0.322 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

Tgt Ion:105 Resp: 7963
 Ion Ratio Lower Upper
 105 100
 120 41.6 23.8 71.4

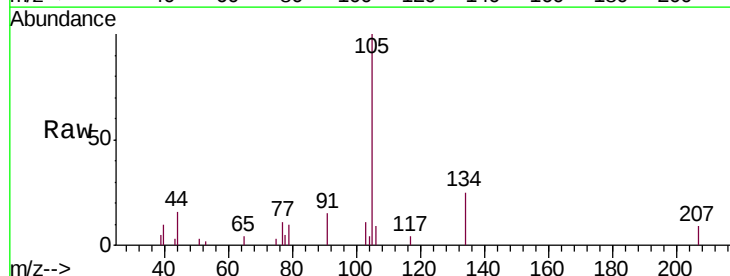


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

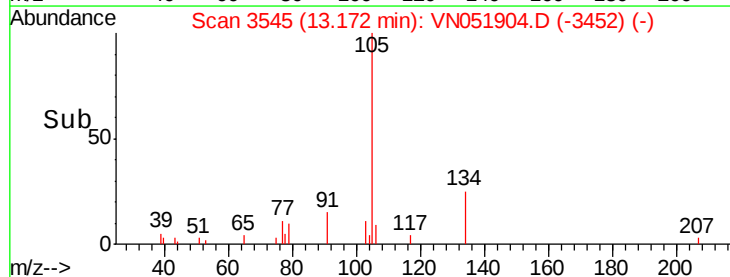
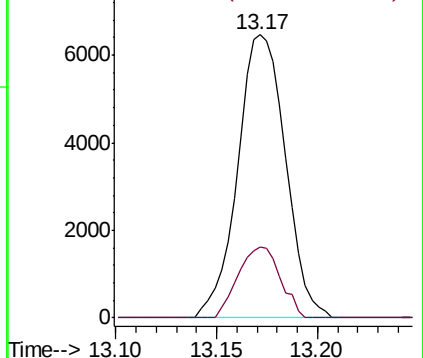


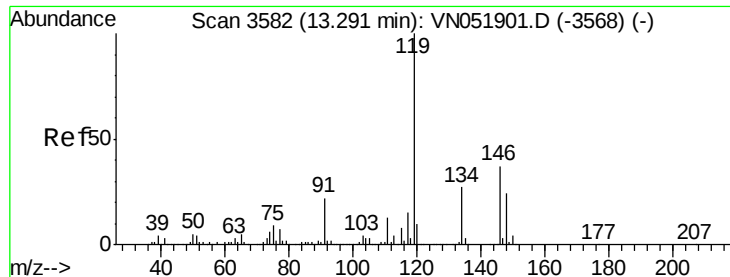
#85
 sec-Butylbenzene
 Concen: 0.357 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

Tgt Ion:105 Resp: 10728
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 0.375 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

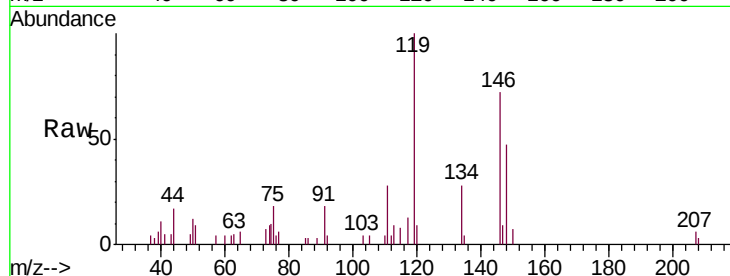
Tgt Ion:119 Resp: 9769

Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

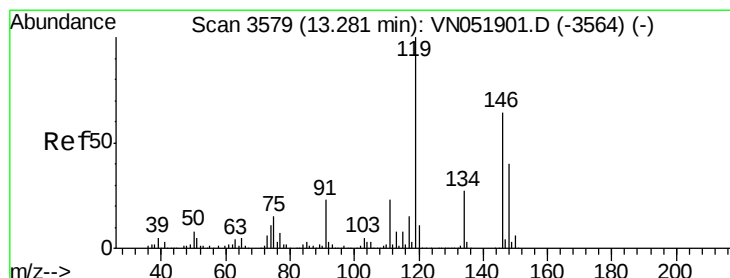
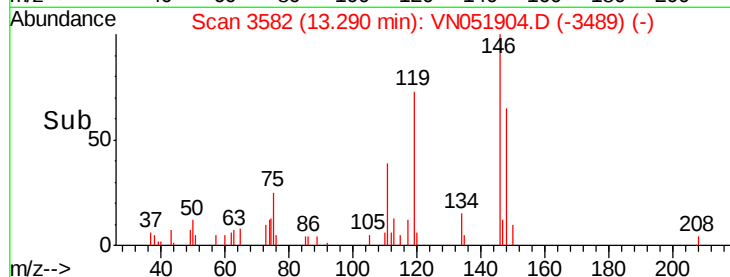
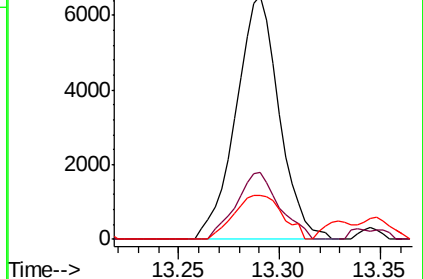
91 20.5 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.716 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

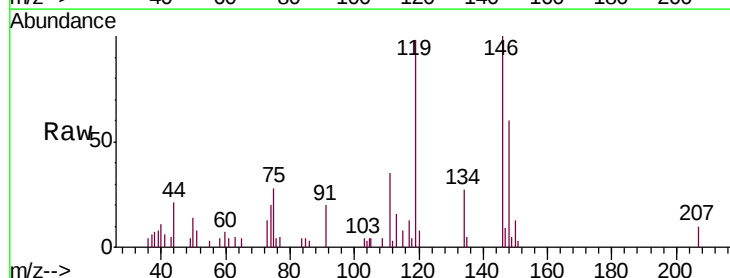
Tgt Ion:146 Resp: 9548

Ion Ratio Lower Upper

146 100

111 39.5 18.3 54.8

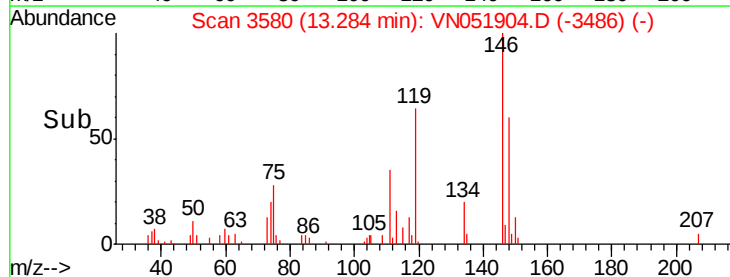
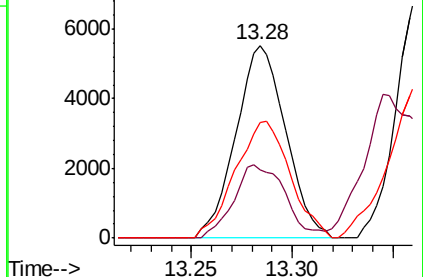
148 66.3 31.9 95.7

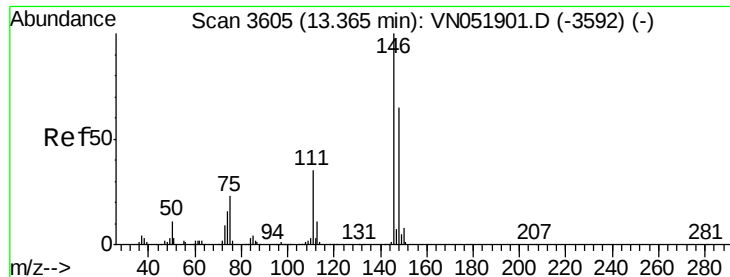


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

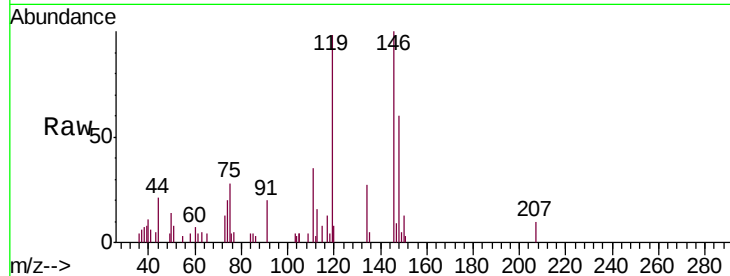
Ion 147.90 (147.60 to 148.60): V



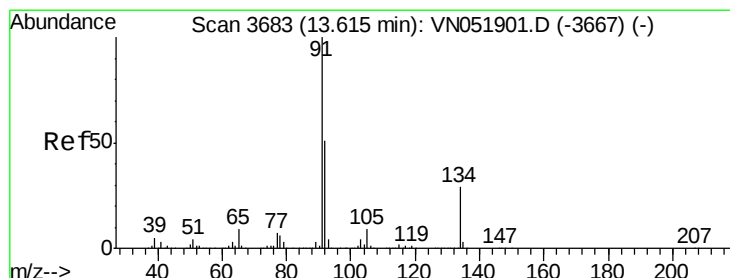
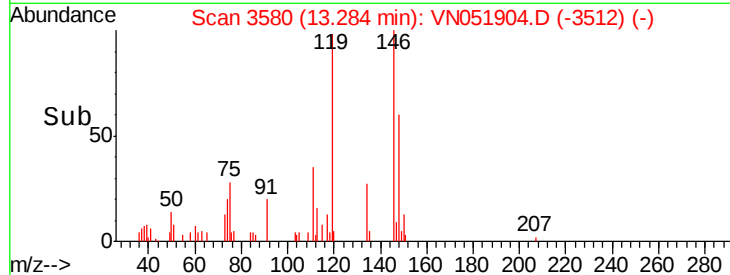
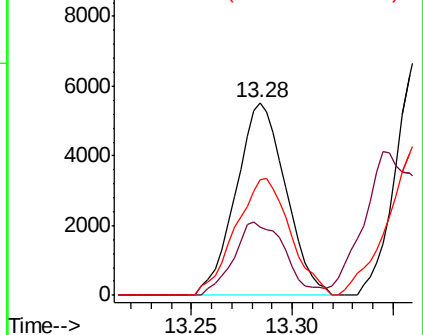


#88
 1,4-Dichlorobenzene
 Concen: 0.728 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

Tgt Ion:	146	Resp:	9548
Ion	Ratio	Lower	Upper
146	100		
111	39.5	17.9	53.7
148	66.3	32.8	98.3

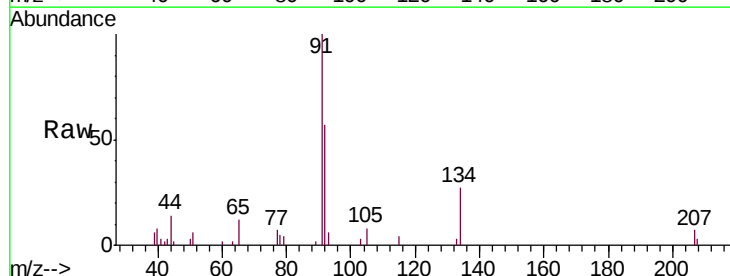


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

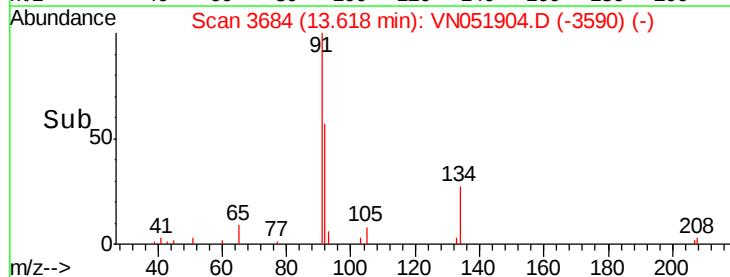
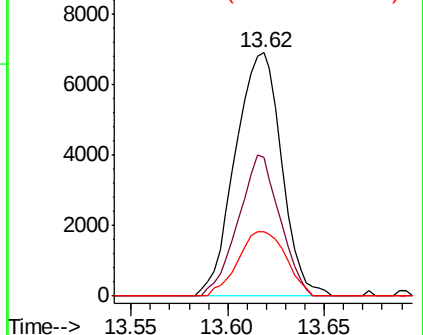


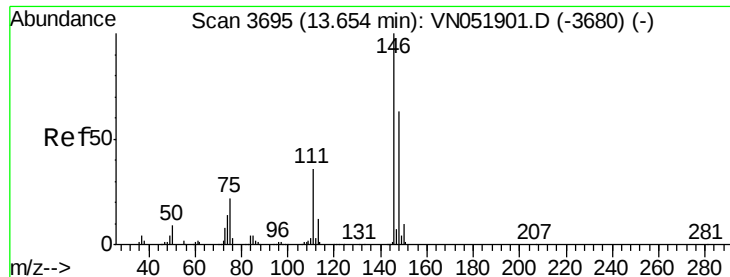
#89
 n-Butylbenzene
 Concen: 0.609 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

Tgt Ion:	91	Resp:	11498
Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.7
134	27.4	14.6	43.8



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.727 ug/l

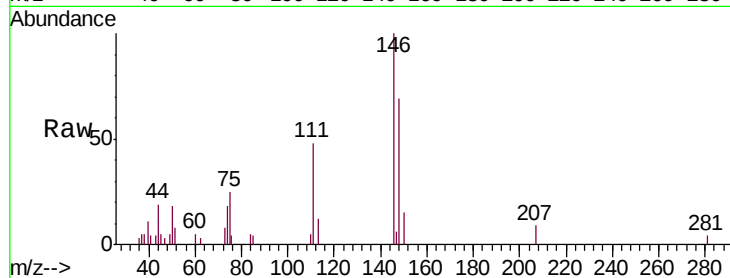
RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

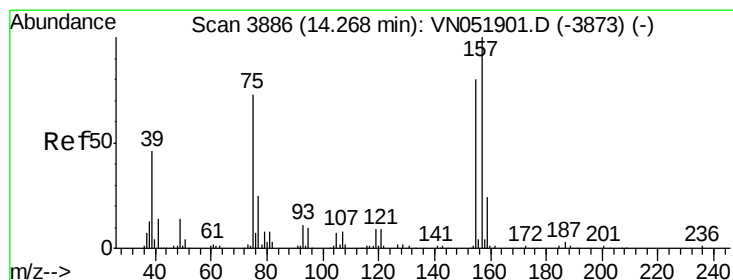
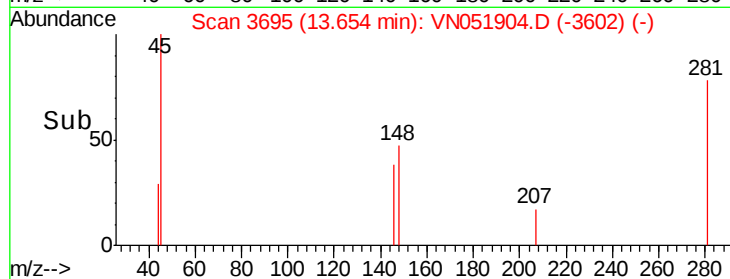
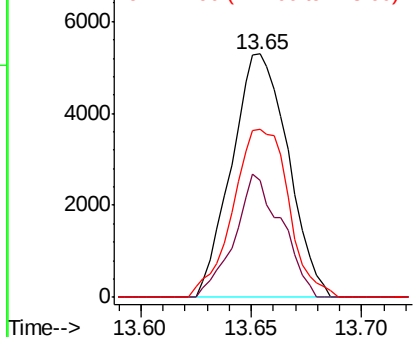
Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

Tgt Ion:	146	Resp:	9387
Ion	Ratio	Lower	Upper
146	100		
111	42.4	18.6	55.6
148	68.7	32.0	96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.125 ug/l

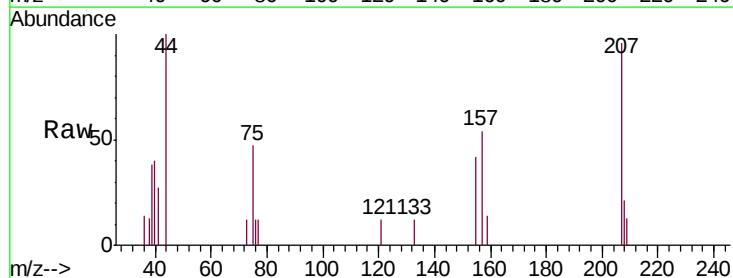
RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

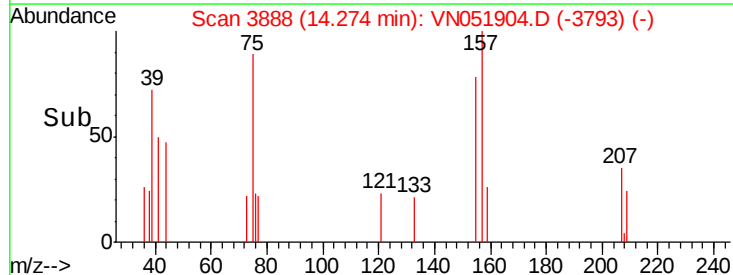
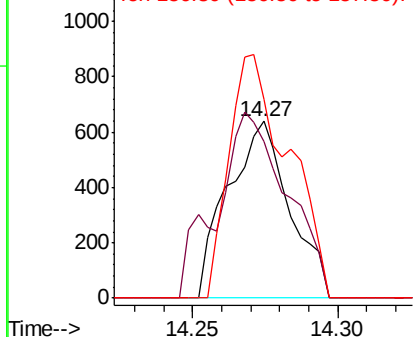
Lab File: VN051904.D

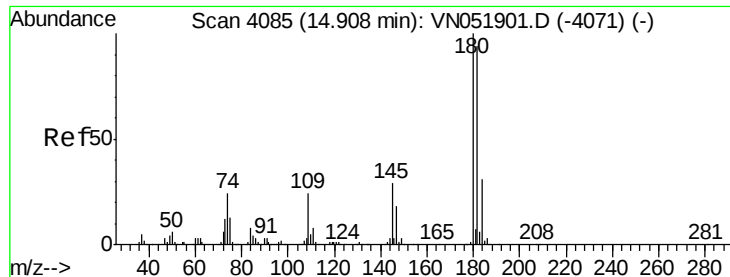
Acq: 17 Oct 2018 11:26

Tgt Ion:	75	Resp:	947
Ion	Ratio	Lower	Upper
75	100		
155	119.2	53.4	160.2
157	132.0	69.3	207.9



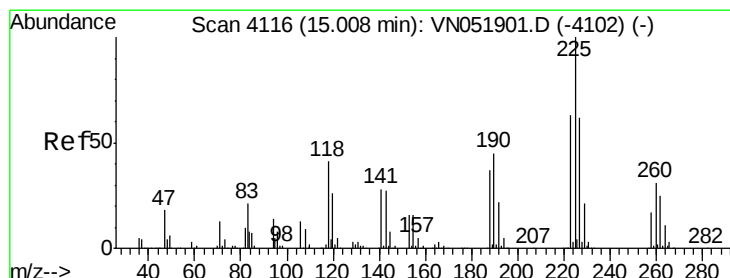
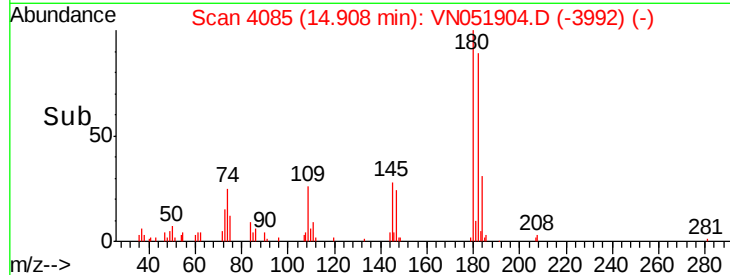
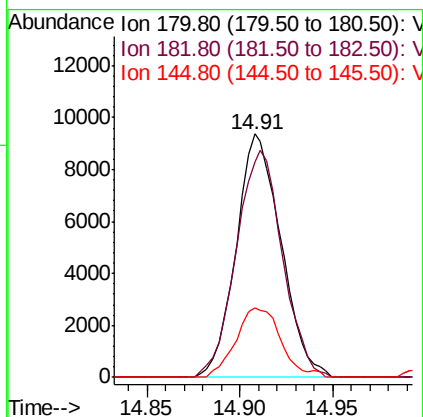
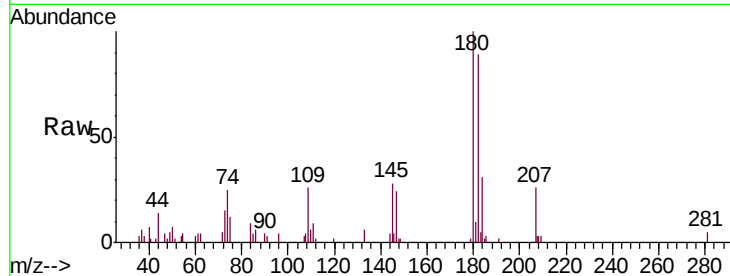
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





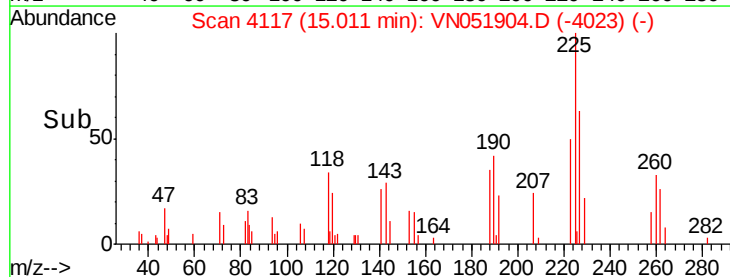
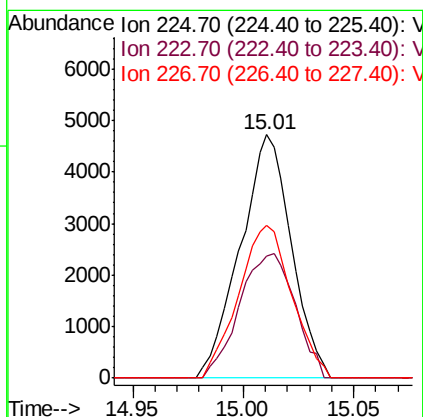
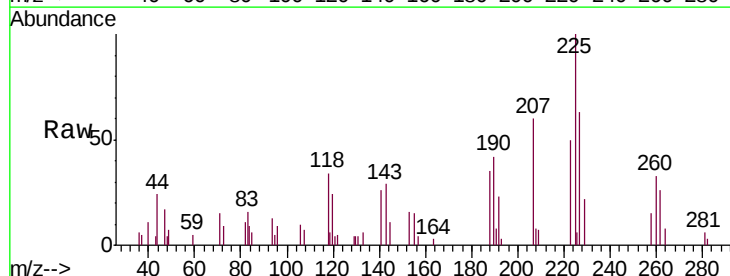
#93
 1,2,4-Trichlorobenzene
 Concen: 2.819 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

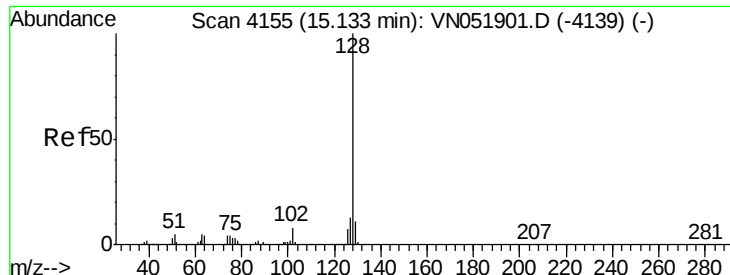
Tgt Ion:180 Resp: 15777
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 141.9
 145 28.7 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 1.852 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051904.D
 Acq: 17 Oct 2018 11:26

Tgt Ion:225 Resp: 7576
 Ion Ratio Lower Upper
 225 100
 223 55.6 32.0 96.2
 227 65.4 31.9 95.9





#95

Naphthalene

Concen: 4.088 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

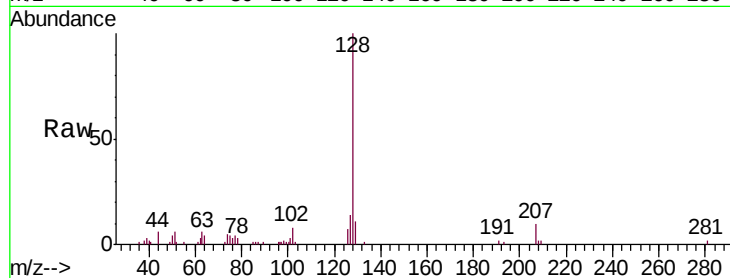
Tgt Ion:128 Resp: 45518

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

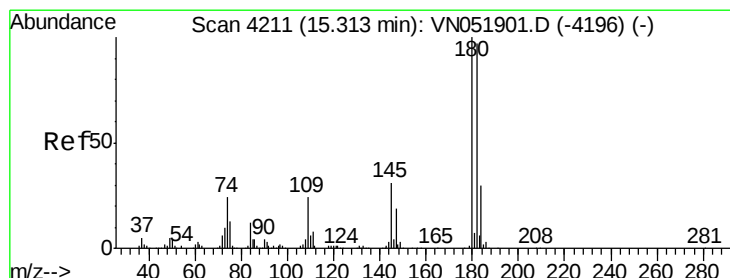
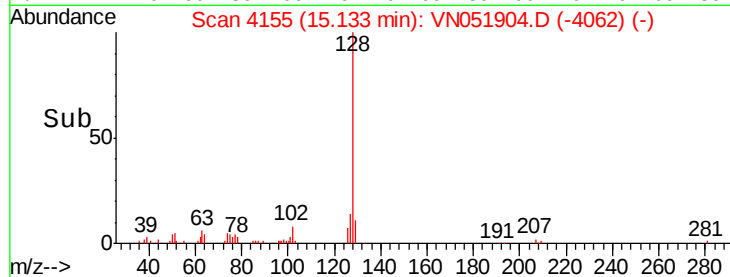
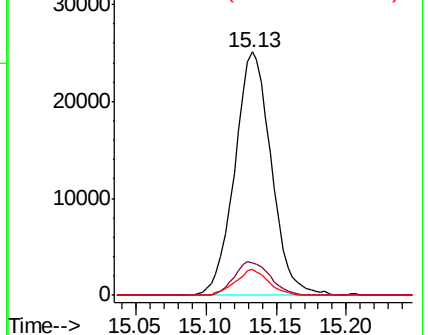
129 9.5 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 3.551 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

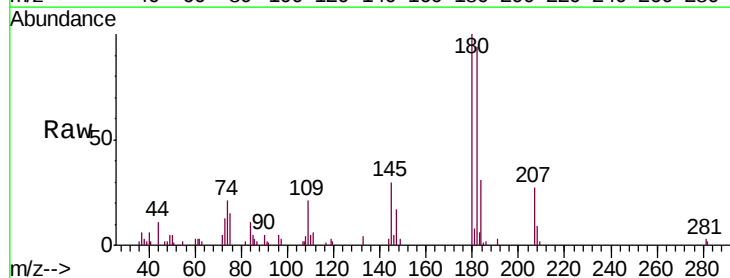
Tgt Ion:180 Resp: 19701

Ion Ratio Lower Upper

180 100

182 99.0 47.9 143.8

145 32.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

