

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051368.D
 Acq On : 21 Sep 2018 14:57
 Operator : MD\SY
 Sample : PB113086TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

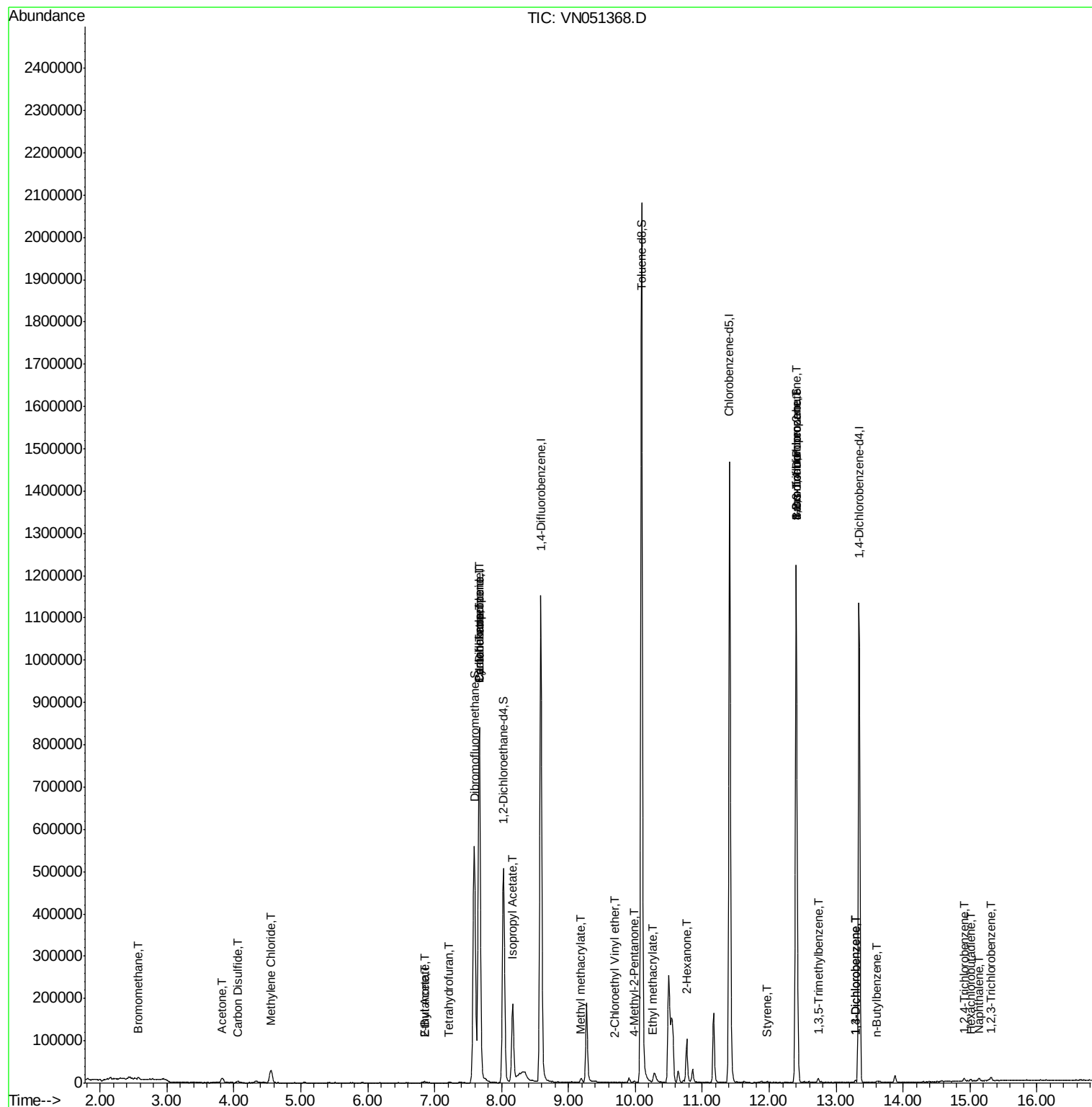
Quant Time: Sep 21 23:01:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

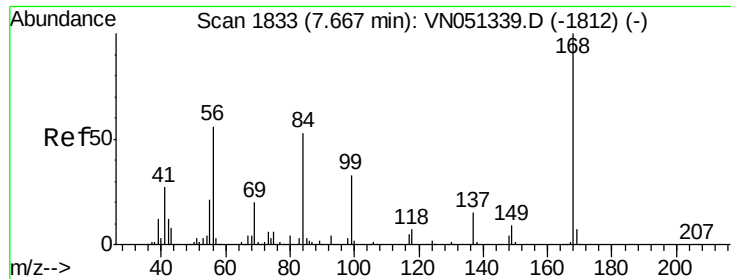
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	780891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1138452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	346975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433770	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	435088	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.09	98	1552832	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.40	95	409974	35.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.06	50	1159	Below Cal		99
5) Bromomethane	2.57	94	1872	0.292 ug/l		92
16) Acetone	3.82	43	20011	10.657 ug/l		96
17) Carbon Disulfide	4.05	76	5775	0.262 ug/l #		76
18) Methyl Acetate	4.33	43	3531	Below Cal #		75
20) Methylene Chloride	4.56	84	24295	2.793 ug/l #		94
25) 2-Butanone	6.85	43	3654	1.511 ug/l		96
29) Tetrahydrofuran	7.22	42	641	0.418 ug/l		95
31) Cyclohexane	7.66	56	11573	0.478 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	46332	3.979 ug/l #		48
37) Ethyl Acetate	6.85	43	3654	0.634 ug/l #		64
38) Carbon Tetrachloride	7.67	117	65425	5.193 ug/l #		16
43) Isopropyl Acetate	8.17	43	217410	21.533 ug/l		99
48) Methyl methacrylate	9.18	41	5033	0.978 ug/l #		18
51) 4-Methyl-2-Pentanone	9.98	43	1186	0.218 ug/l #		5
56) Ethyl methacrylate	10.25	69	300	1.607 ug/l #		31
58) 2-Chloroethyl Vinyl ether	9.70	63	63	8.567 ug/l #		45
59) 2-Hexanone	10.77	43	13641	3.726 ug/l #		58
70) Styrene	11.97	104	1215	0.944 ug/l #		90
71) Bromoform	12.39	173	1463	0.247 ug/l #		29
75) 1,1,2,2-Tetrachloroethane	12.50	83	63	Below Cal #		61
76) 1,2,3-Trichloropropane	12.40	75	189700	40.898 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.73	105	5193	0.252 ug/l		89
81) trans-1,4-Dichloro-2-buten	12.40	75	189700	122.576 ug/l #		14
87) 1,3-Dichlorobenzene	13.28	146	2905	0.246 ug/l		78
88) 1,4-Dichlorobenzene	13.28	146	2905	0.254 ug/l		78
89) n-Butylbenzene	13.61	91	2020	1.535 ug/l		83
93) 1,2,4-Trichlorobenzene	14.91	180	2912	4.504 ug/l		93
94) Hexachlorobutadiene	15.01	225	1326	0.299 ug/l		81
95) Naphthalene	15.14	128	6104	5.779 ug/l #		92
96) 1,2,3-Trichlorobenzene	15.32	180	3597	3.781 ug/l		96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051368.D

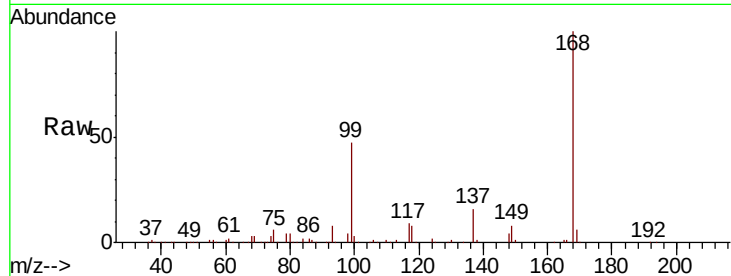
Acq: 21 Sep 2018 14:57

Tot Ion:168 Resp: 780891

Ion Ratio Lower Upper

168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051339.D

Ion 98.90 (98.60 to 99.60): VN051339.D

7.67

300000

200000

100000

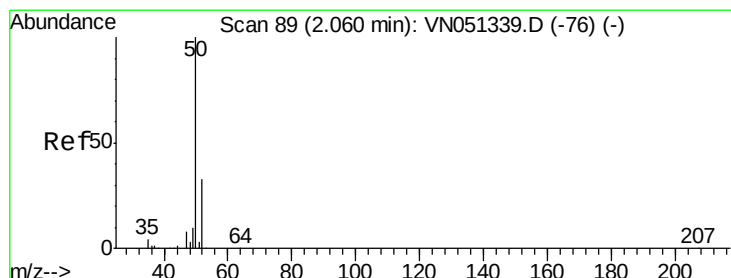
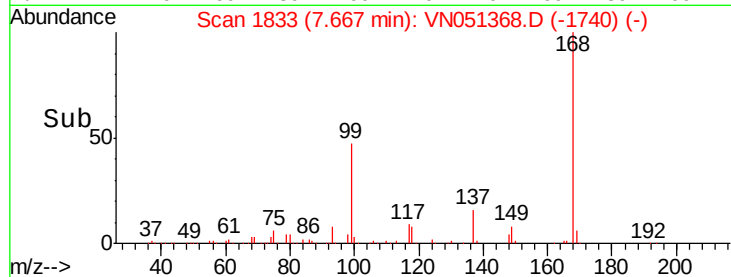
0

Time-->

7.60

7.70

7.80



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051368.D

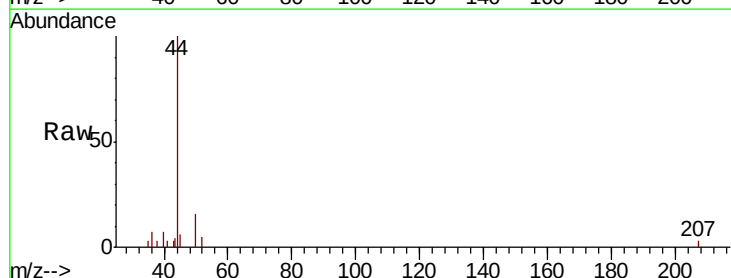
Acq: 21 Sep 2018 14:57

Tgt Ion: 50 Resp: 1159

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN051339.D

Ion 51.90 (51.60 to 52.60): VN051339.D

2.06

1000

800

600

400

200

0

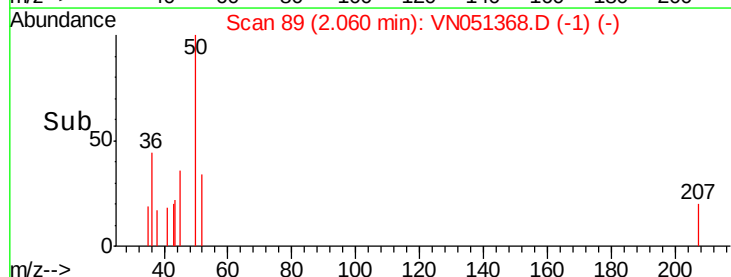
Time-->

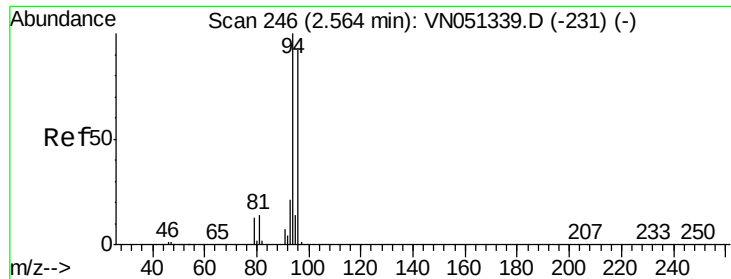
2.02

2.04

2.06

2.08





#5

Bromomethane

Concen: 0.292 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051368.D

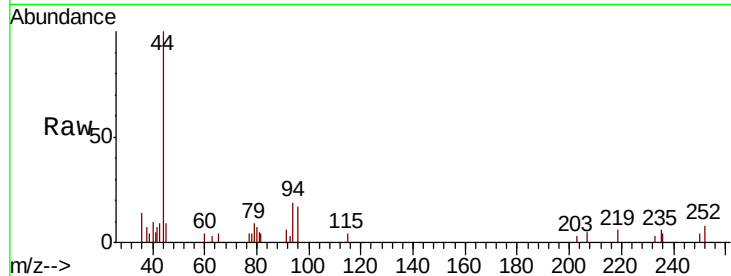
Acq: 21 Sep 2018 14:57

Tot Ion: 94 Resp: 1872

Ion Ratio Lower Upper

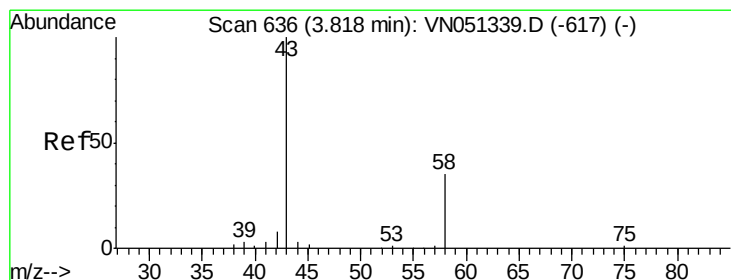
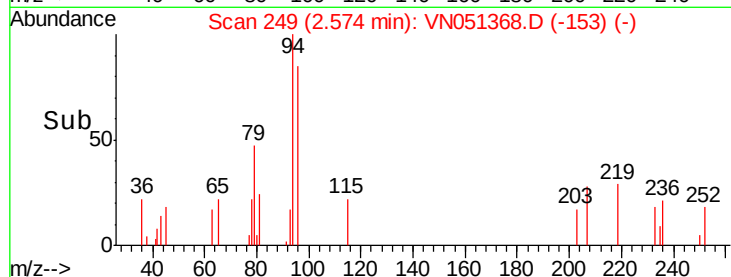
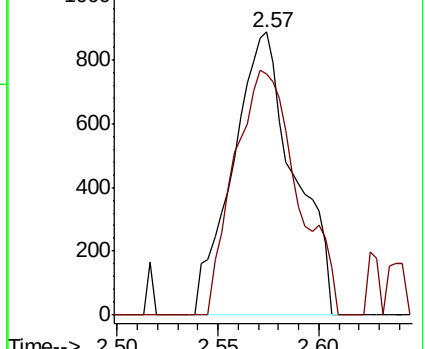
94 100

96 85.0 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#16

Acetone

Concen: 10.657 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051368.D

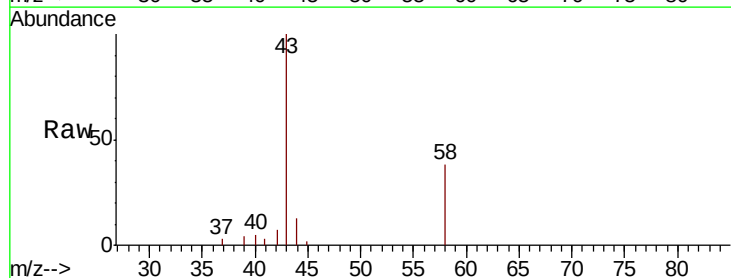
Acq: 21 Sep 2018 14:57

Tgt Ion: 43 Resp: 20011

Ion Ratio Lower Upper

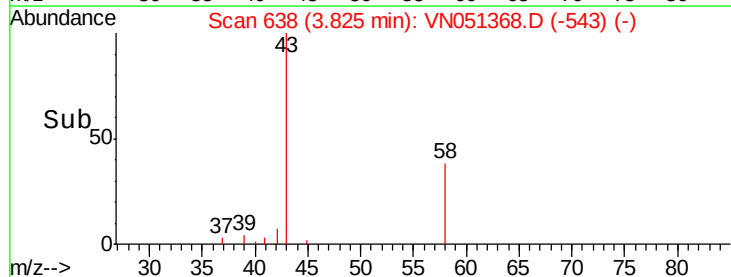
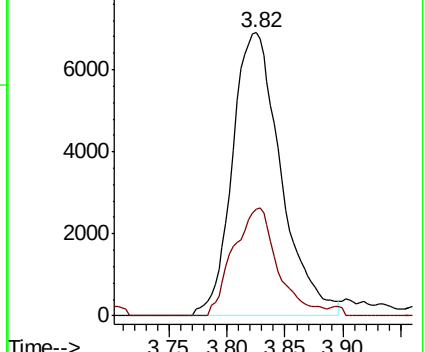
43 100

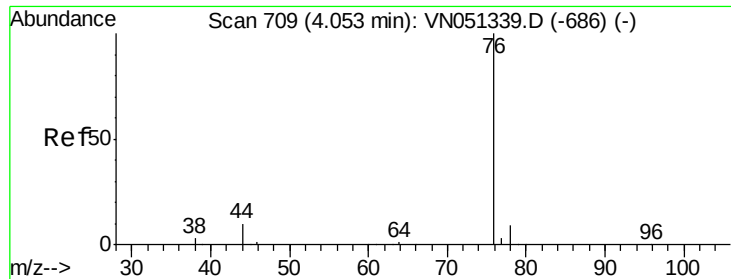
58 37.7 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.262 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051368.D

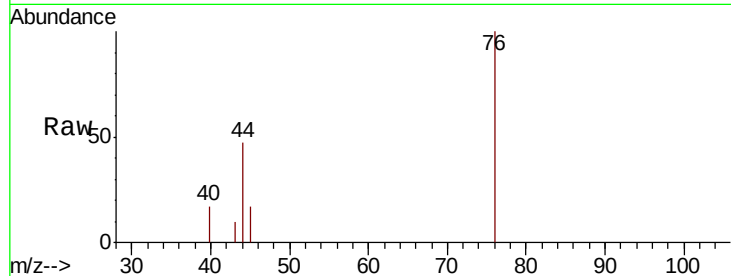
Acq: 21 Sep 2018 14:57

Tot Ion: 76 Resp: 5775

Ion Ratio Lower Upper

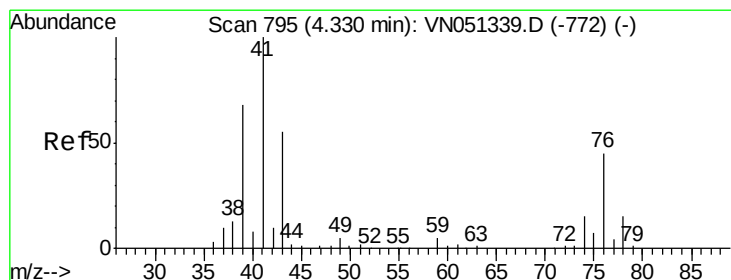
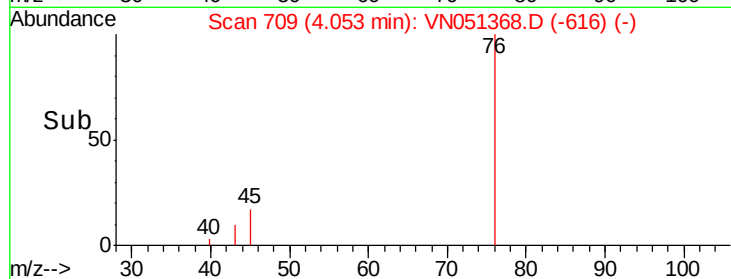
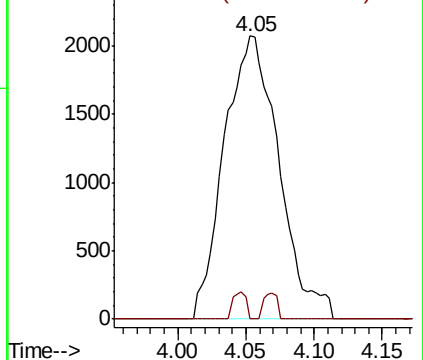
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051368.D

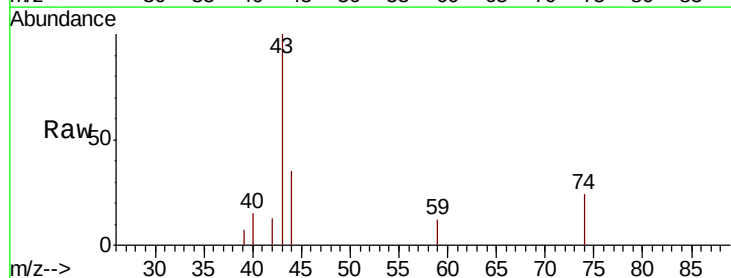
Acq: 21 Sep 2018 14:57

Tgt Ion: 43 Resp: 3531

Ion Ratio Lower Upper

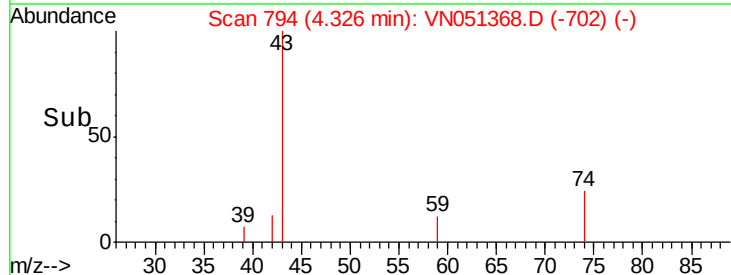
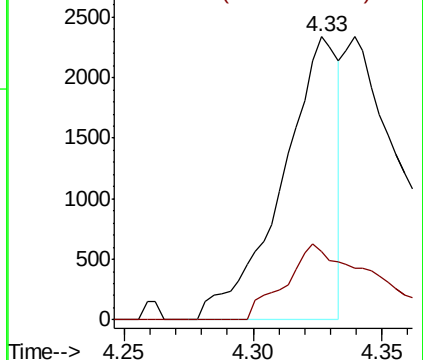
43 100

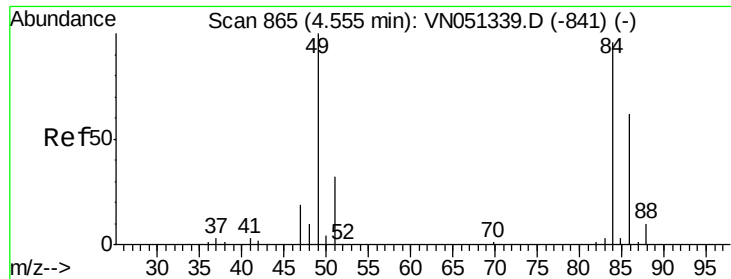
74 39.9 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

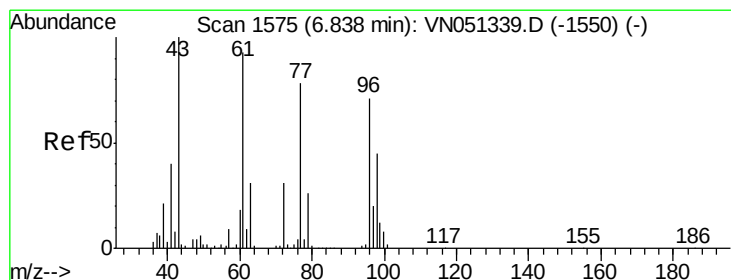
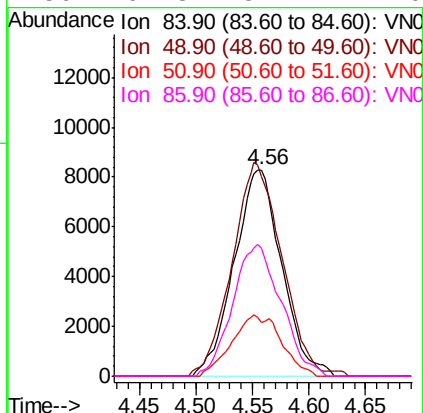
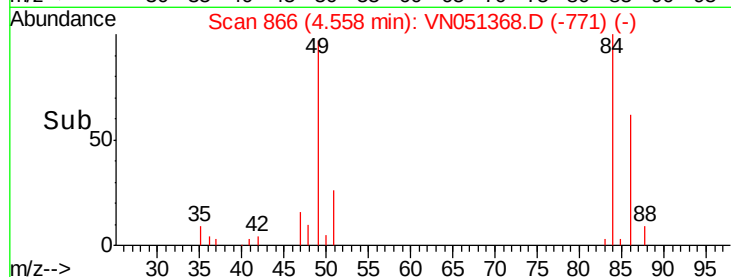
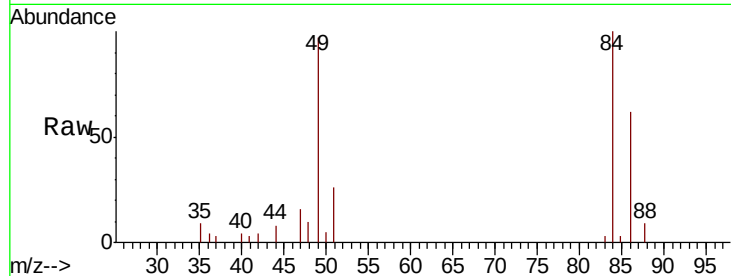
Ion 74.00 (73.70 to 74.70): VN0





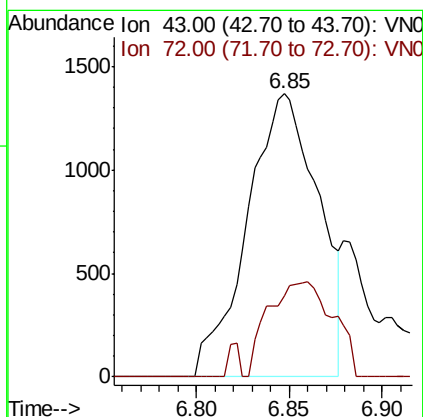
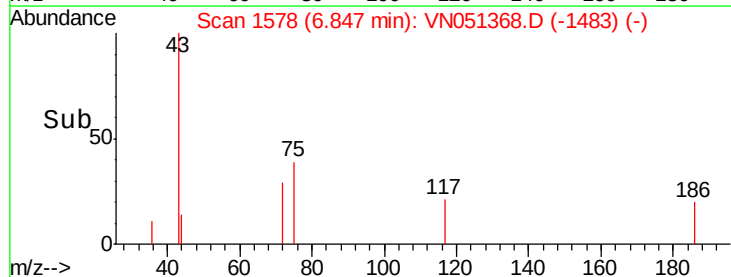
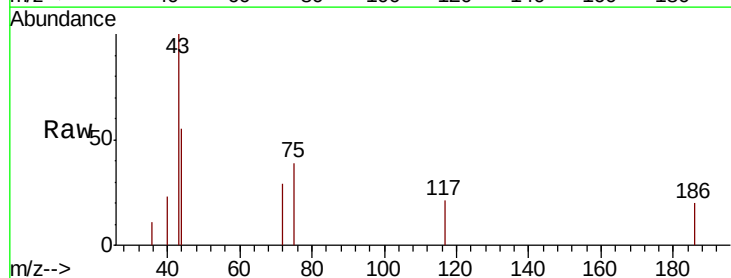
#20
Methvlene Chloride
Concen: 2.793 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

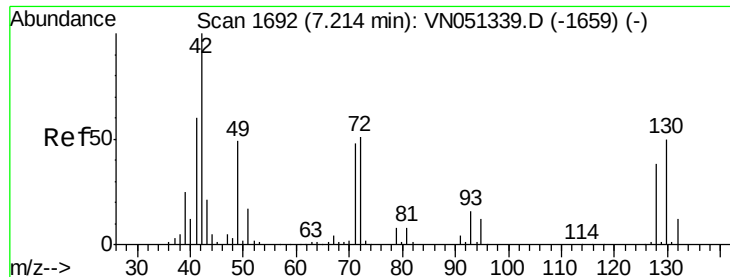
Tot Ion: 84 Resp: 24295
Ion Ratio Lower Upper
84 100
49 96.6 83.2 124.8
51 26.2 26.4 39.6#
86 62.3 51.4 77.0



#25
2-Butanone
Concen: 1.511 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
72 28.7 24.7 37.1





#29

Tetrahydrofuran

Concen: 0.418 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

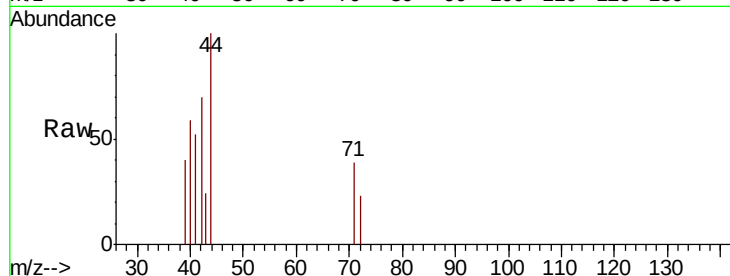
Tot Ion: 42 Resp: 641

Ion Ratio Lower Upper

42 100

72 44.5 39.0 58.4

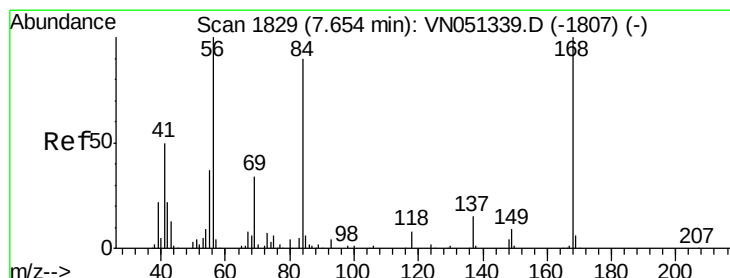
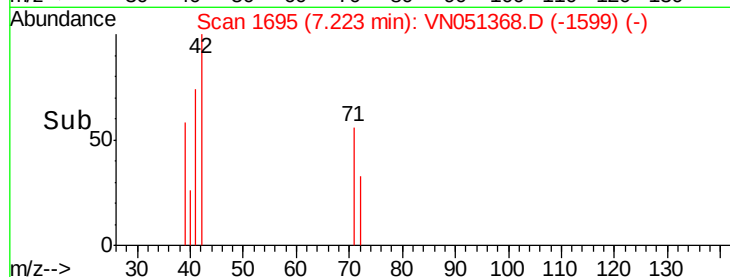
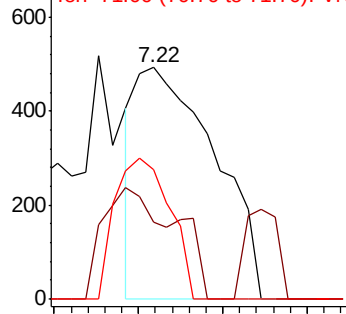
71 42.6 36.5 54.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.478 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

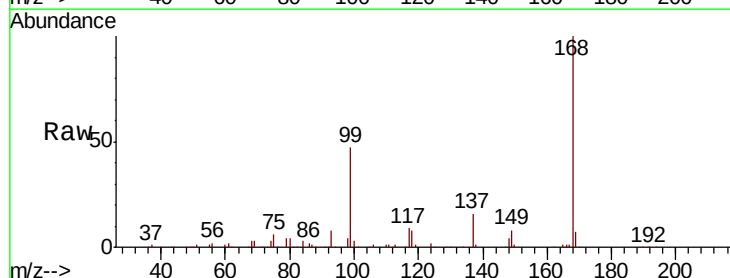
Tgt Ion: 56 Resp: 11573

Ion Ratio Lower Upper

56 100

69 183.4 27.3 40.9#

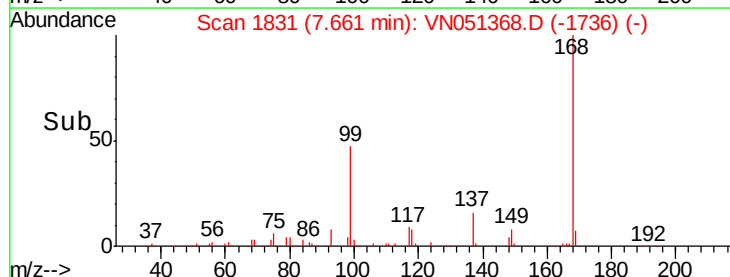
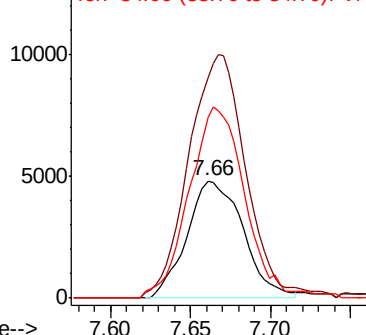
84 148.7 72.2 108.2#

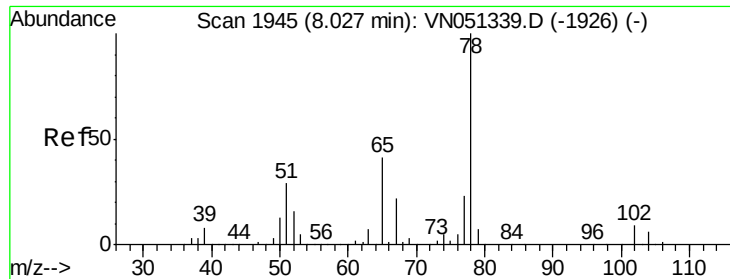


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.251 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051368.D

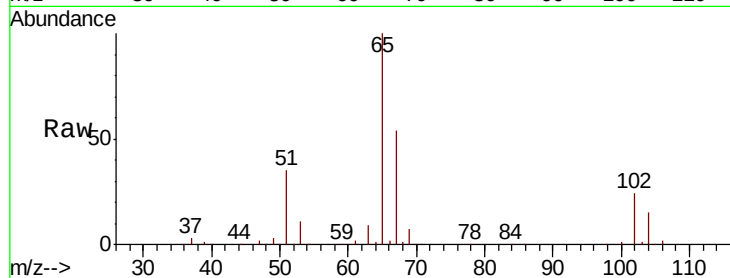
Acq: 21 Sep 2018 14:57

Tot Ion: 65 Resp: 433770

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN051339.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051339.D (-1926) (-)

8.03

200000

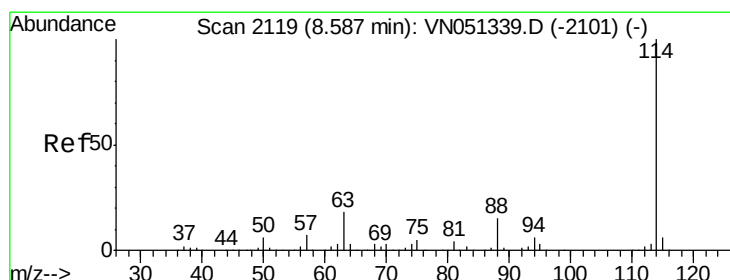
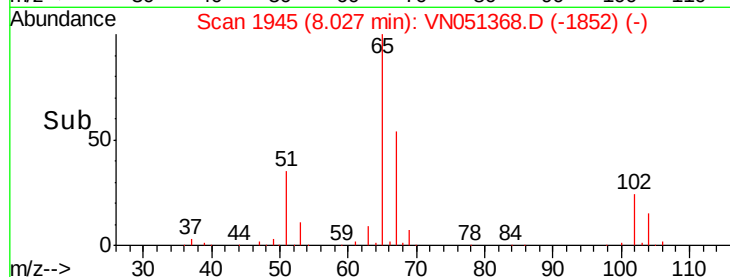
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

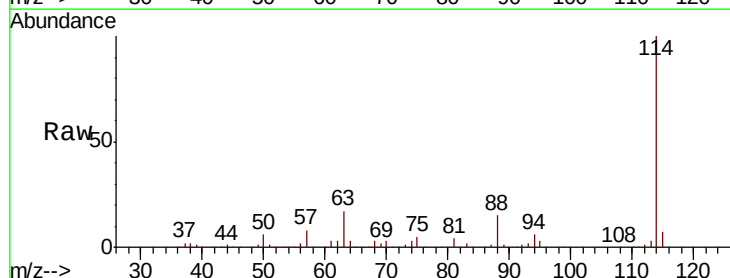
Tgt Ion: 114 Resp: 1138452

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.3 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): VN051339.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051339.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051339.D (-2101) (-)

8.59

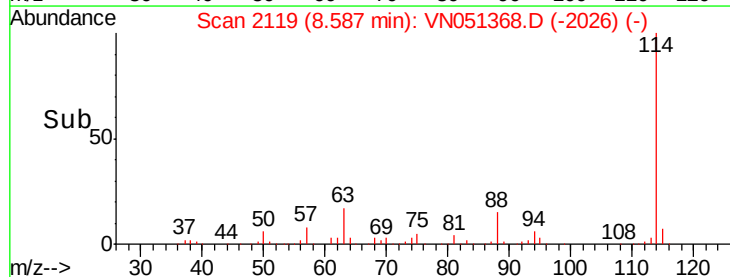
600000

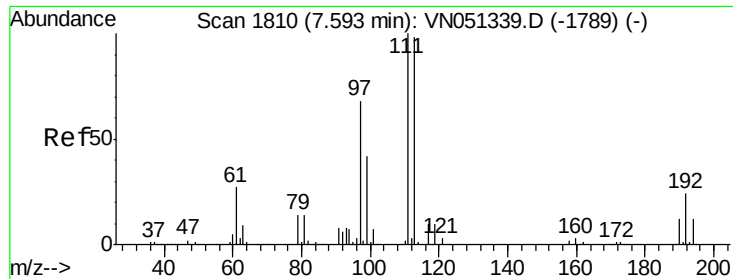
400000

200000

0

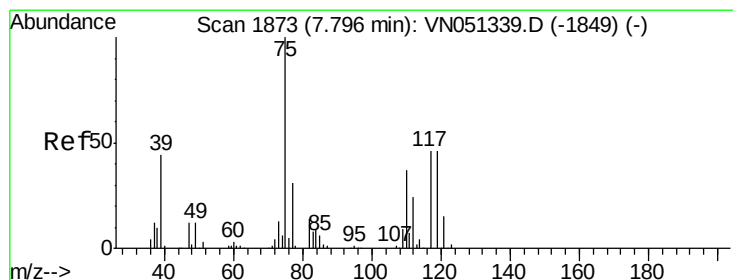
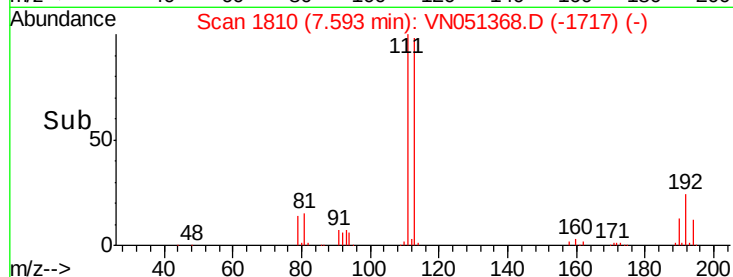
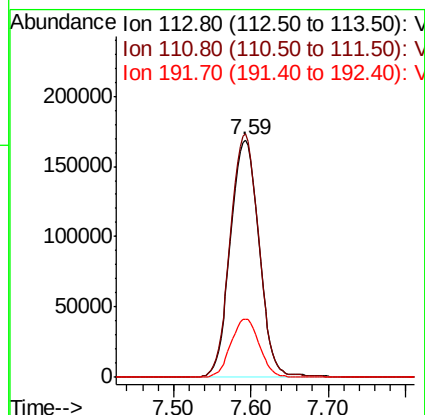
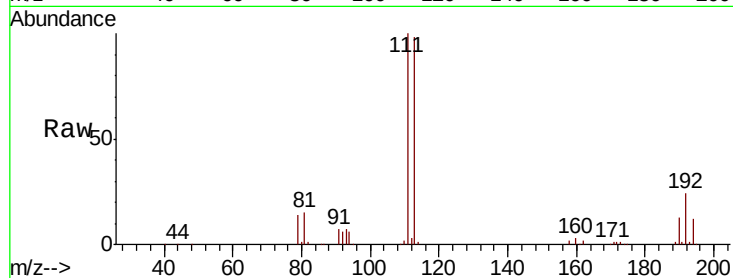
Time--> 8.50 8.60 8.70 8.80





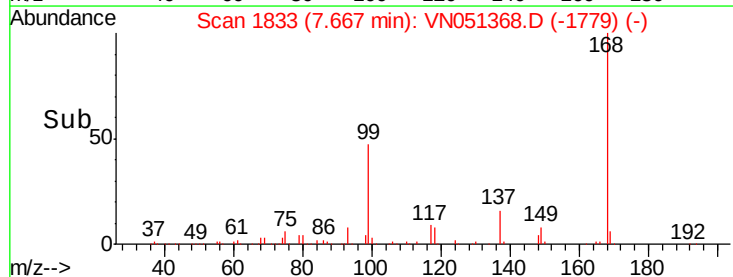
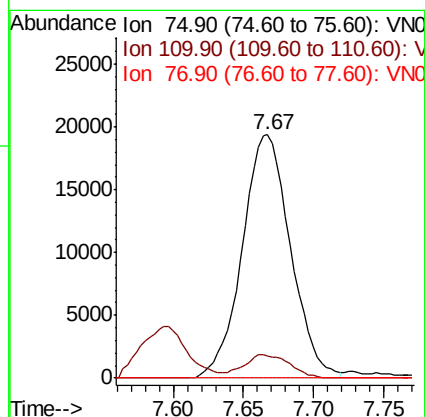
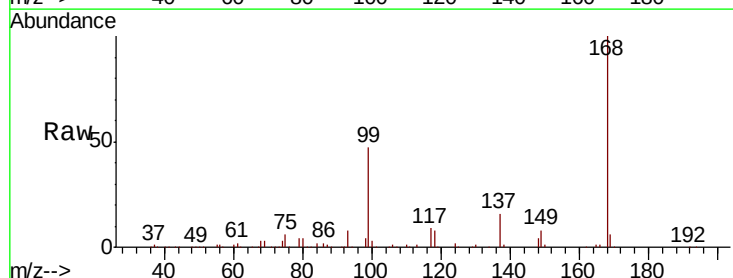
#35
 Dibromofluoromethane
 Concen: 47.291 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

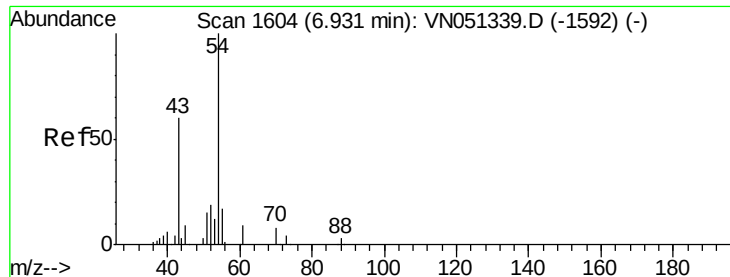
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	24.3	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 3.979 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.9	56.5#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 0.634 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.09 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

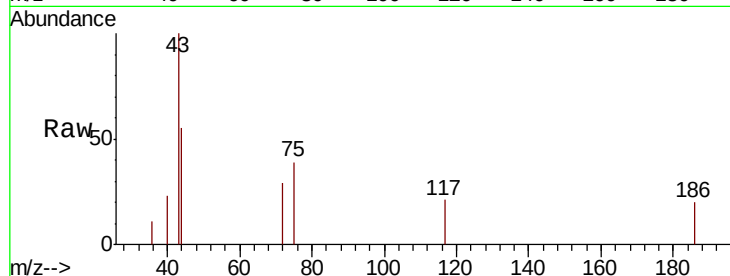
Tot Ion: 43 Resp: 3654

Ion Ratio Lower Upper

43 100

61 0.0 13.6 20.4#

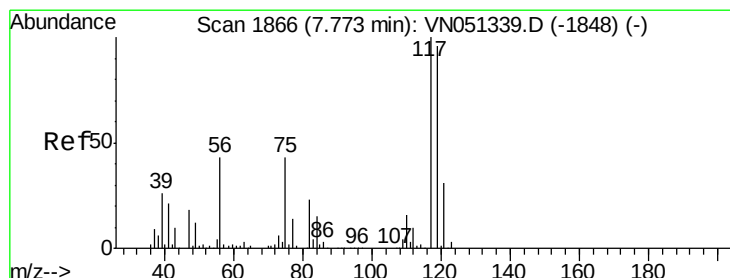
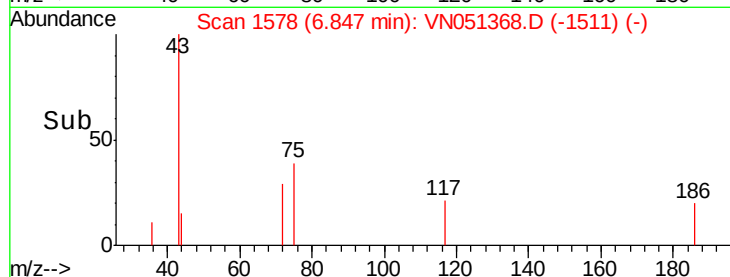
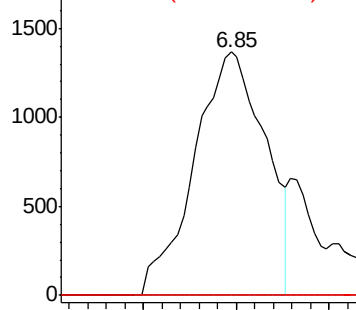
70 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051339.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051339.D (-1592) (-)



#38

Carbon Tetrachloride

Concen: 5.193 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

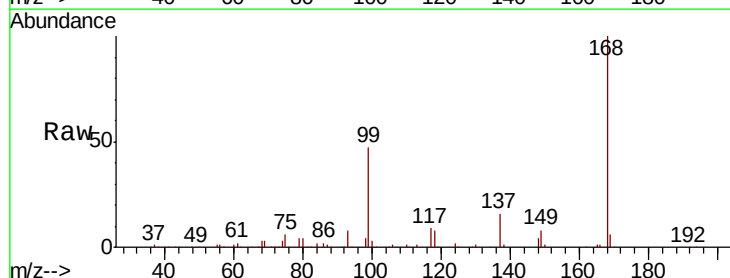
Tgt Ion: 117 Resp: 65425

Ion Ratio Lower Upper

117 100

119 5.6 77.0 115.4#

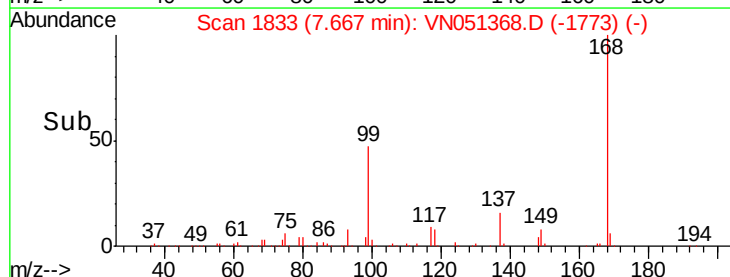
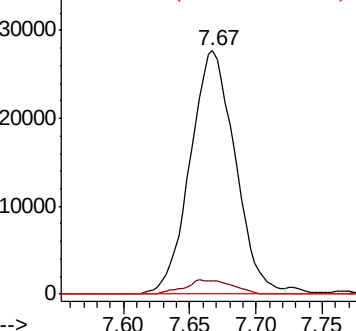
121 0.0 25.0 37.4#

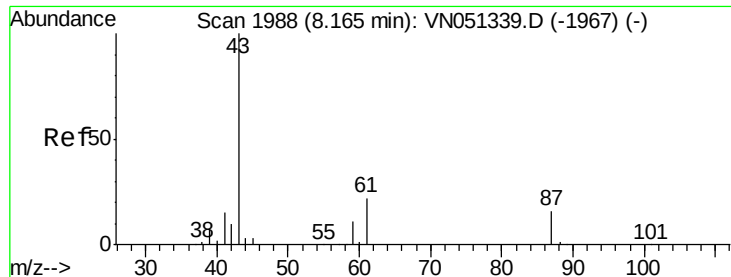


Abundance Ion 116.80 (116.50 to 117.50): VN051339.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN051339.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN051339.D (-1848) (-)





#43

Isopropyl Acetate

Concen: 21.533 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

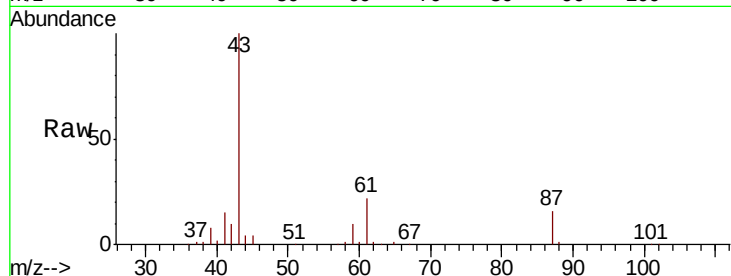
Tot Ion: 43 Resp: 217410

Ion Ratio Lower Upper

43 100

61 22.1 18.1 27.1

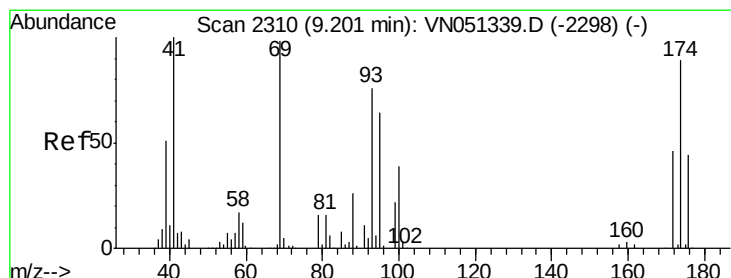
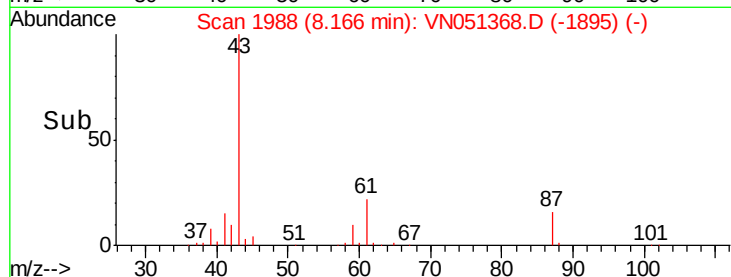
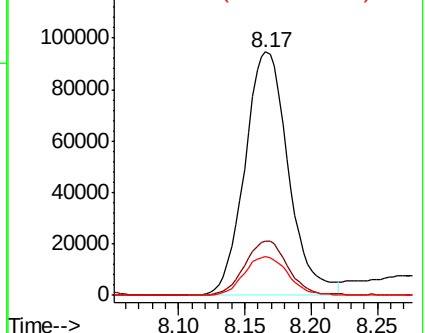
87 16.1 12.8 19.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 0.978 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

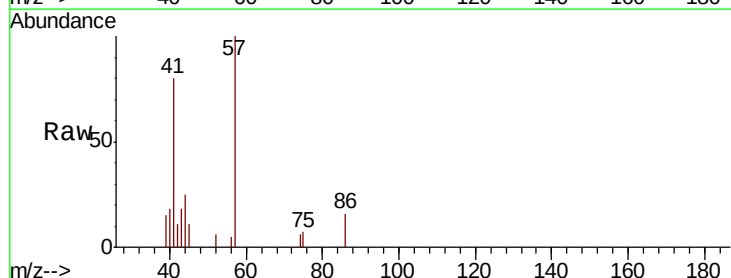
Tgt Ion: 41 Resp: 5033

Ion Ratio Lower Upper

41 100

69 0.0 79.4 119.0#

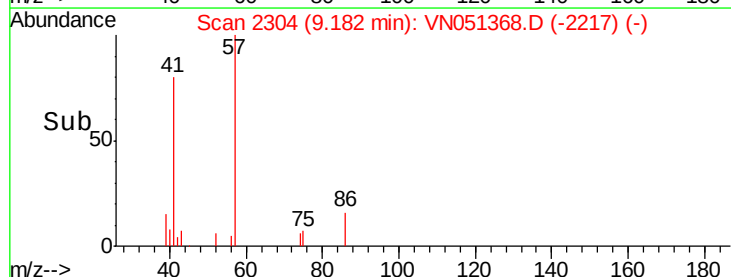
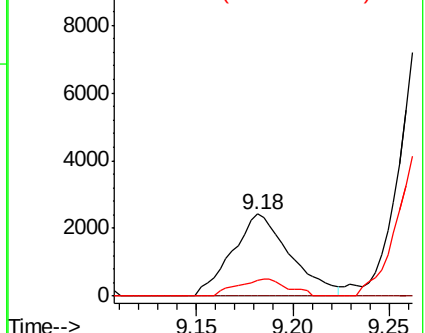
39 18.0 43.0 64.6#

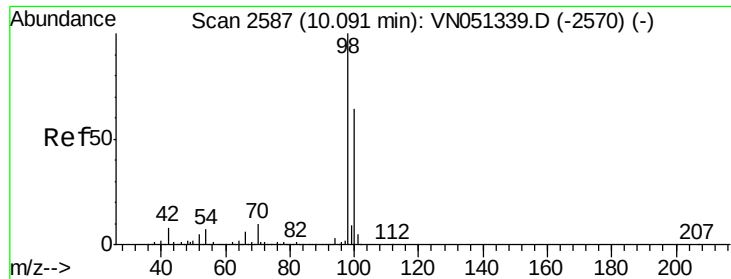


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

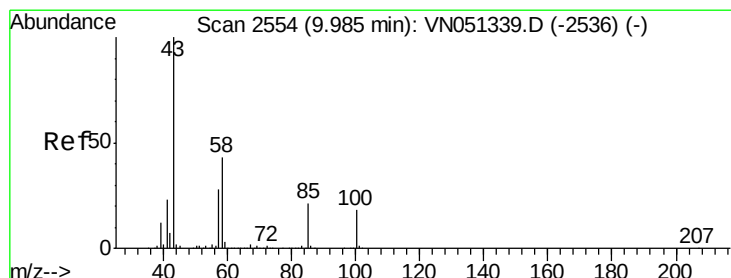
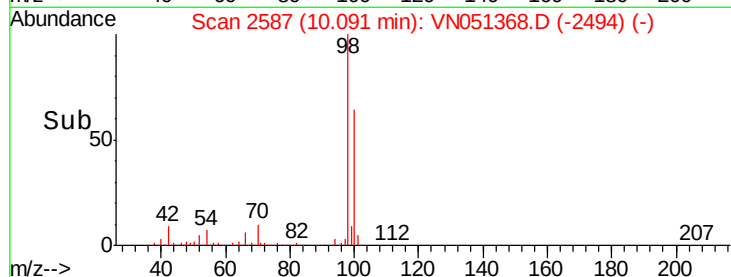
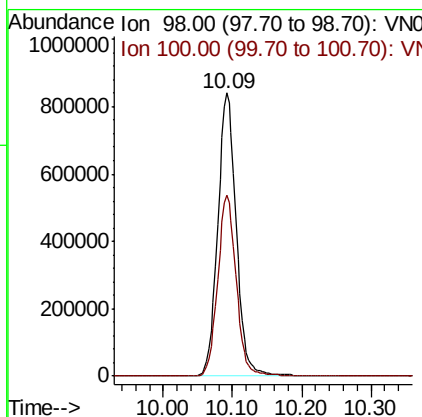
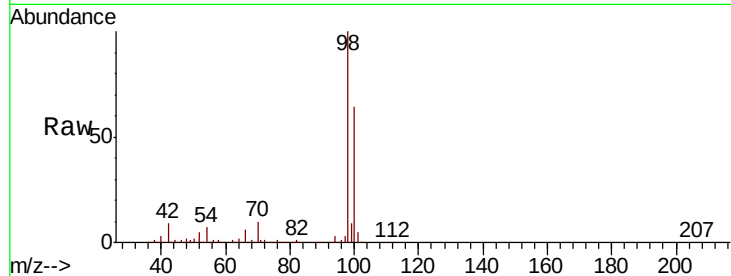
Ion 39.00 (38.70 to 39.70): VN0





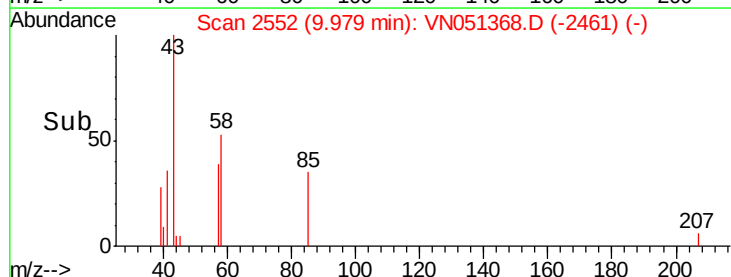
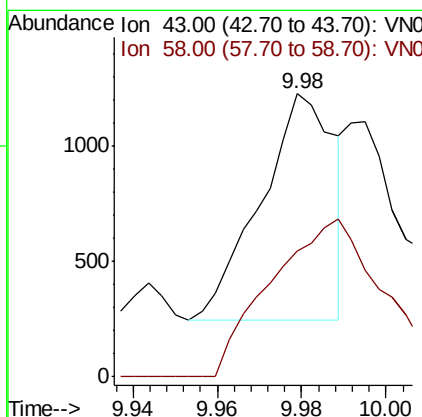
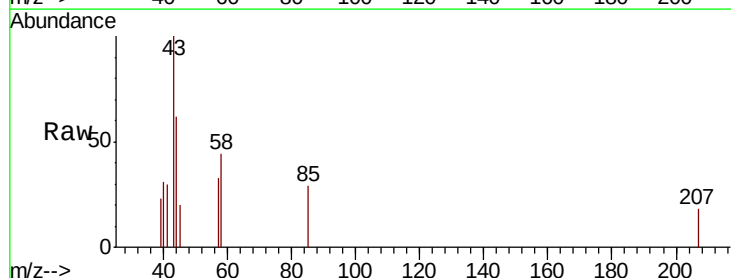
#50
Toluene-d8
Concen: 43.905 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

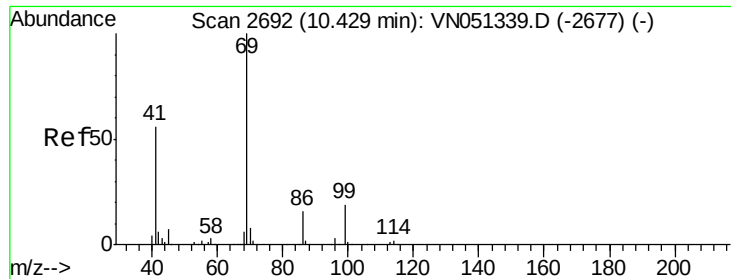
Tot Ion: 98 Resp: 1552832
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 0.218 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.01 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 103.2 34.2 51.4#





#56

Ethyl methacrylate

Concen: 1.607 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. -0.18 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

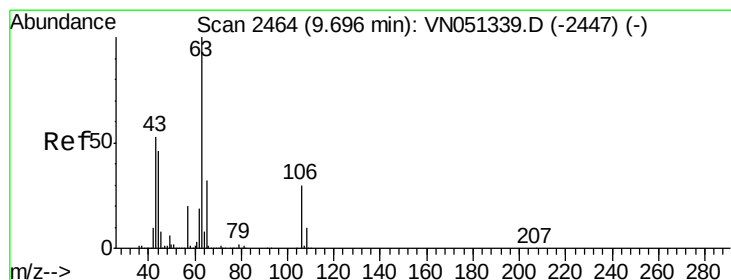
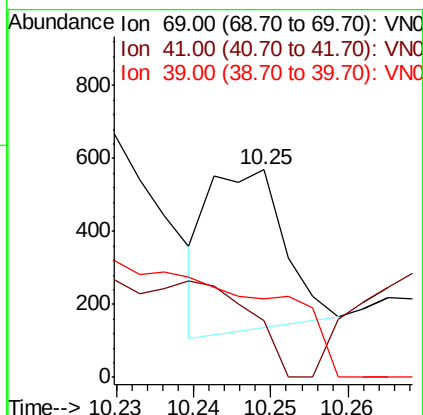
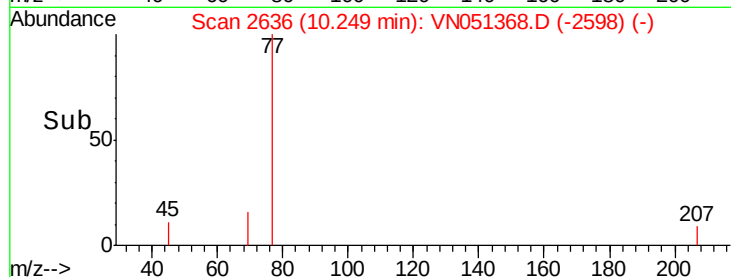
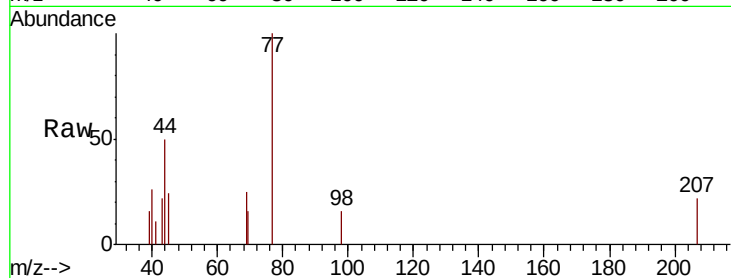
Tot Ion: 69 Resp: 300

Ion Ratio Lower Upper

69 100

41 0.0 45.1 67.7#

39 0.0 23.4 35.2#



#58

2-Chloroethyl Vinyl ether

Concen: 8.567 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN051368.D

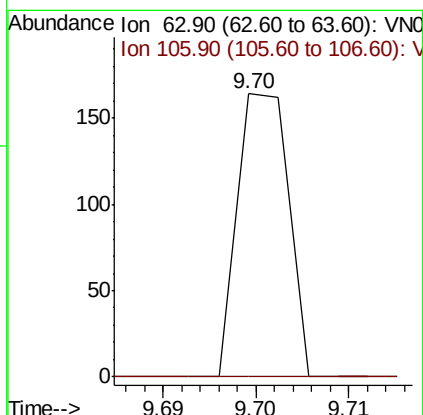
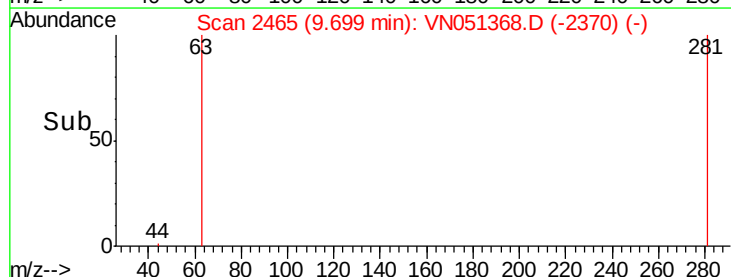
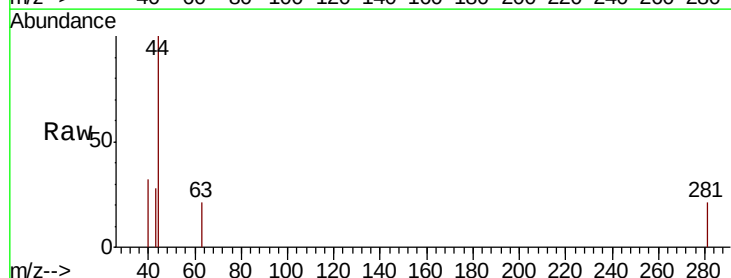
Acq: 21 Sep 2018 14:57

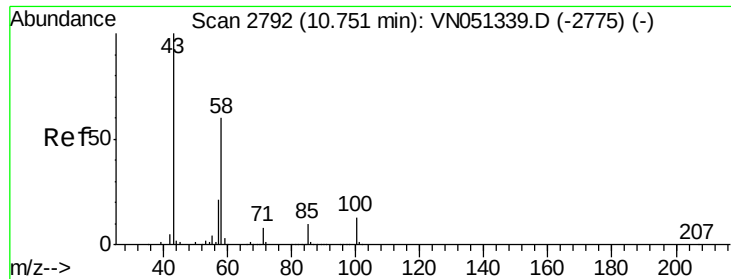
Tgt Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

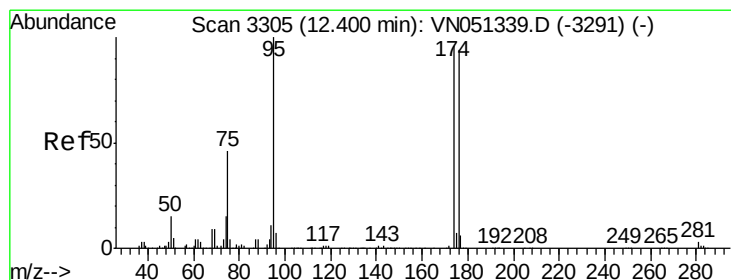
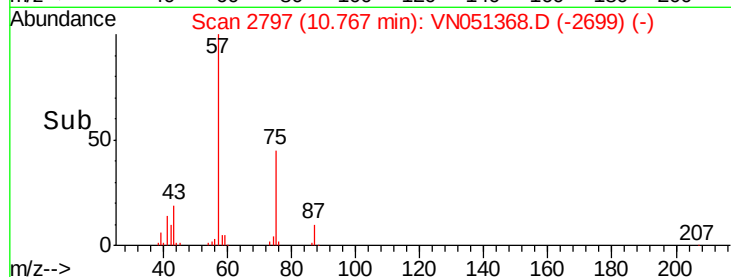
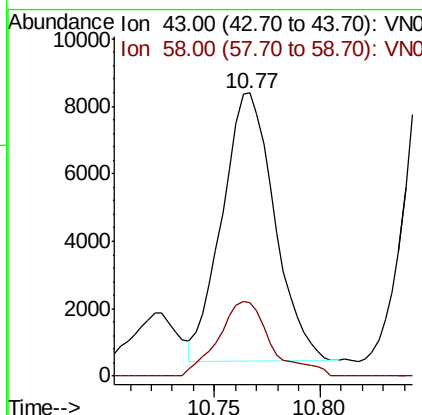
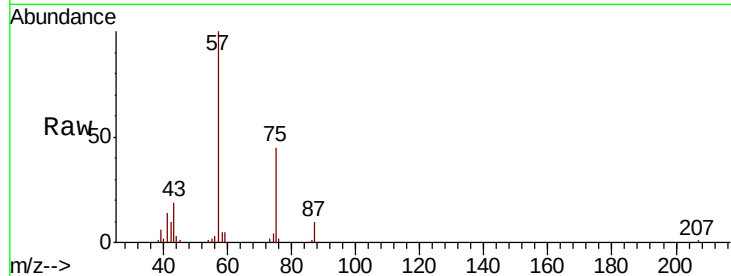
106 0.0 23.7 35.5#





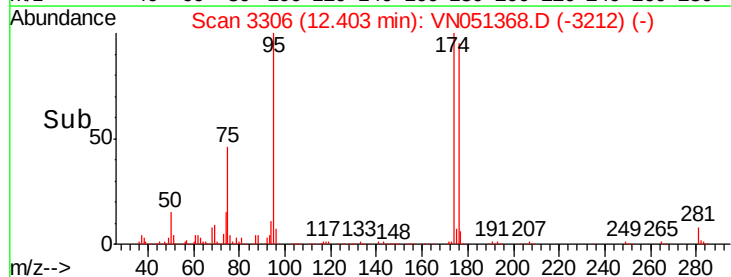
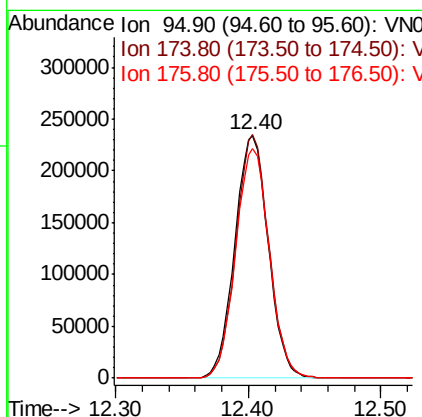
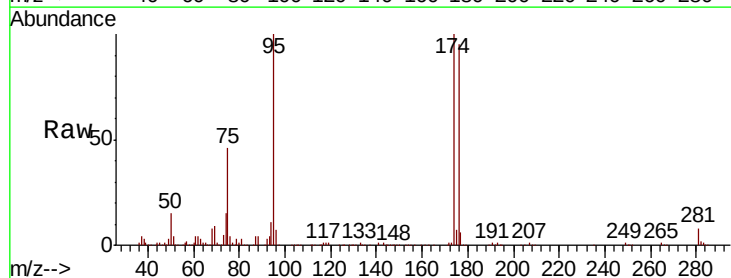
#59
2-Hexanone
Concen: 3.726 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

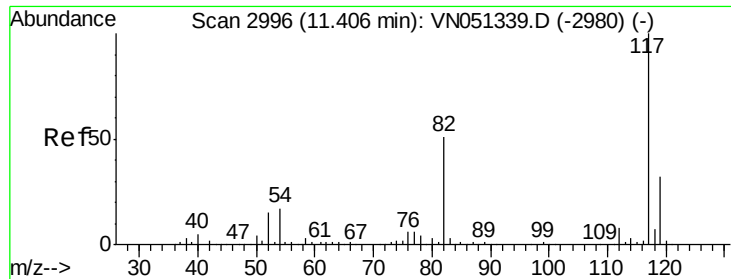
Tot Ion: 43 Resp: 13641
Ion Ratio Lower Upper
43 100
58 28.3 29.9 89.8#



#62
4-Bromofluorobenzene
Concen: 35.630 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

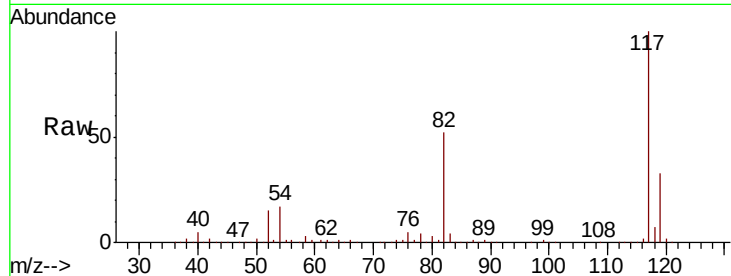
Tgt Ion: 95 Resp: 409974
Ion Ratio Lower Upper
95 100
174 98.7 0.0 194.6
176 95.3 0.0 189.6



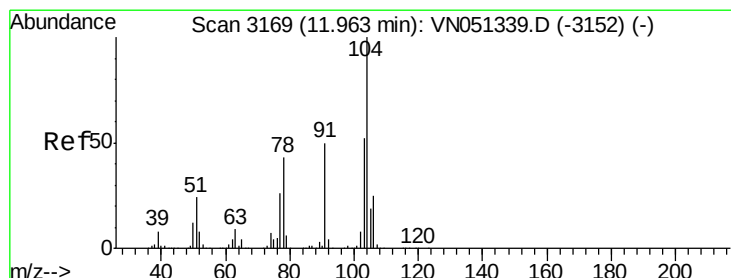
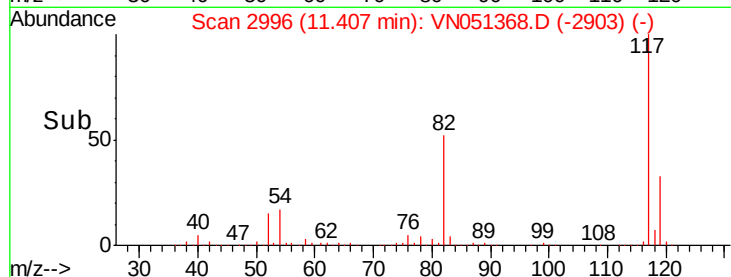
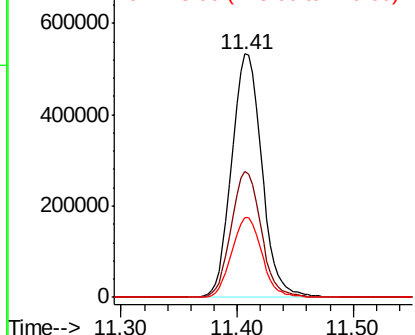


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

Tot Ion:117 Resp: 960258
Ion Ratio Lower Upper
117 100
82 51.9 40.7 61.1
119 32.7 25.3 37.9

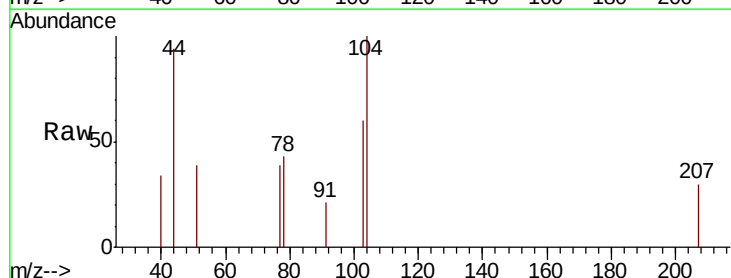


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

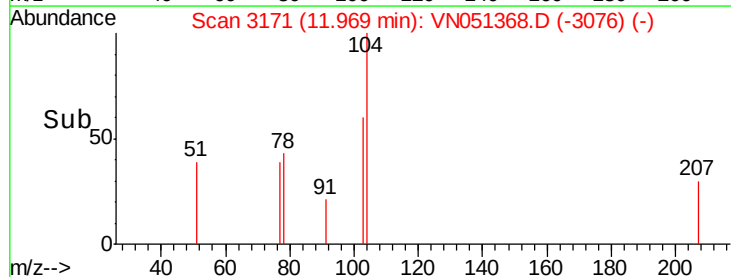
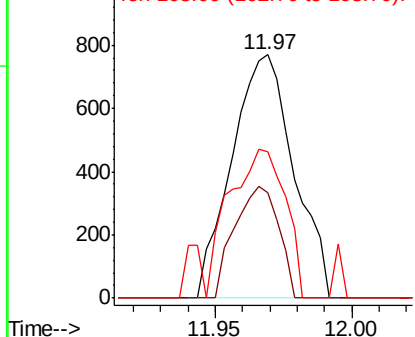


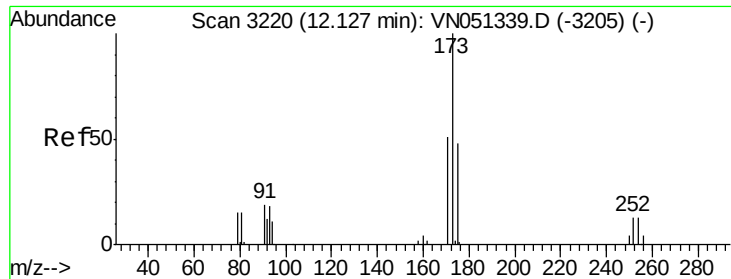
#70
Styrene
Concen: 0.944 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.01 min
Lab File: VN051368.D
Acq: 21 Sep 2018 14:57

Tgt Ion:104 Resp: 1215
Ion Ratio Lower Upper
104 100
78 32.4 37.8 56.6#
103 55.4 44.3 66.5



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





#71

Bromoform

Concen: 0.247 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

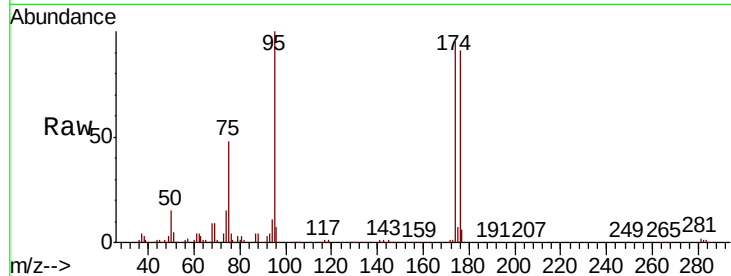
Tot Ion:173 Resp: 1463

Ion Ratio Lower Upper

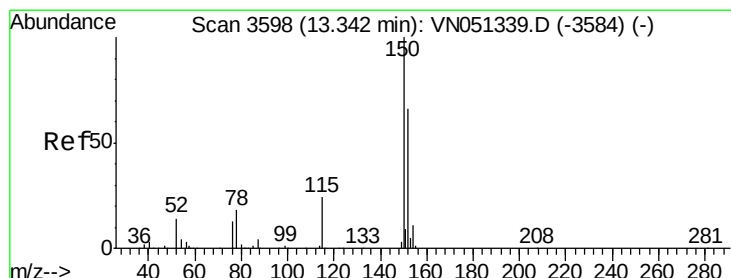
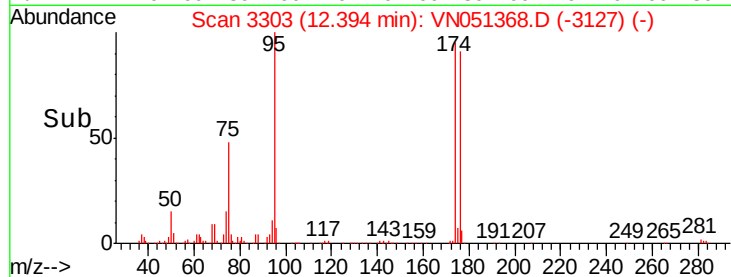
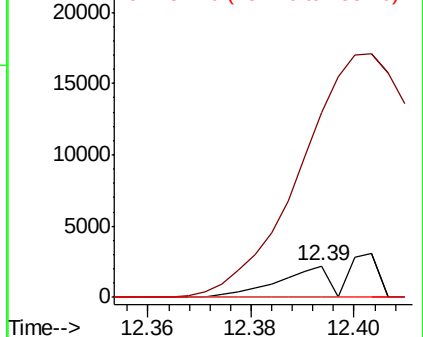
173 100

175 0.0 24.3 73.0#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

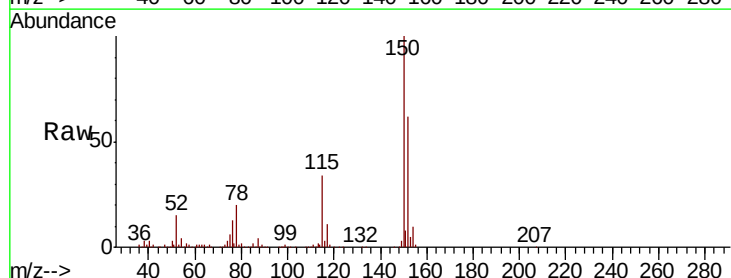
Tgt Ion:152 Resp: 346975

Ion Ratio Lower Upper

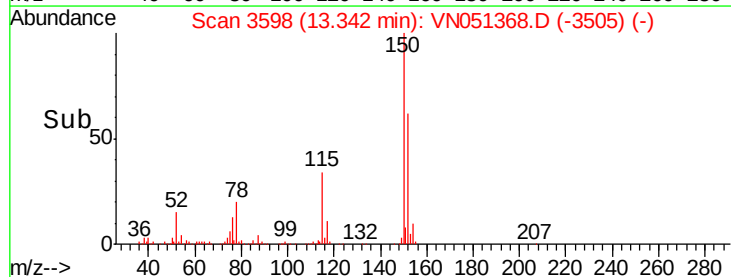
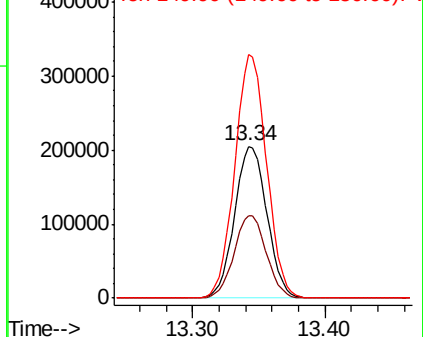
152 100

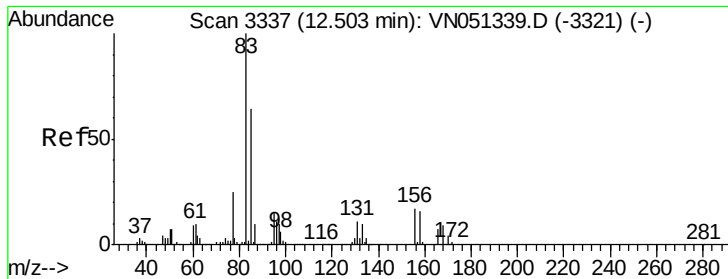
115 54.1 26.9 80.7

150 158.1 0.0 345.0



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

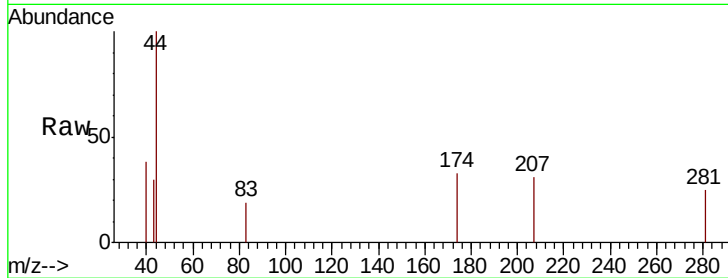
RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

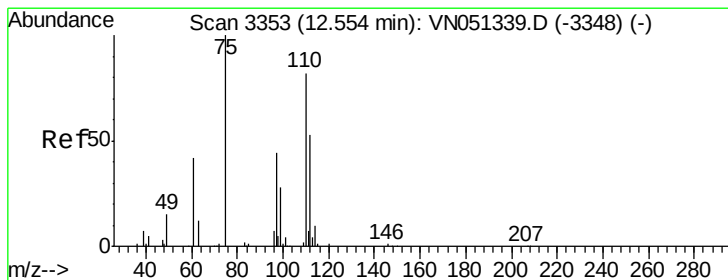
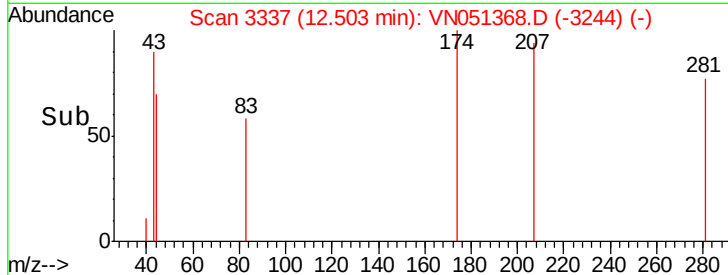
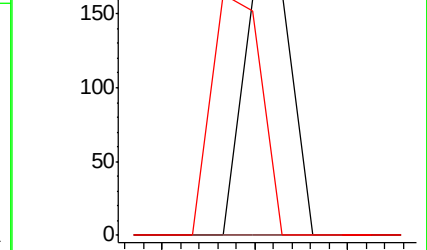
Tot Ion:	83	Resp:	63
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7#
85	96.8	32.3	96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 40.898 ug/l

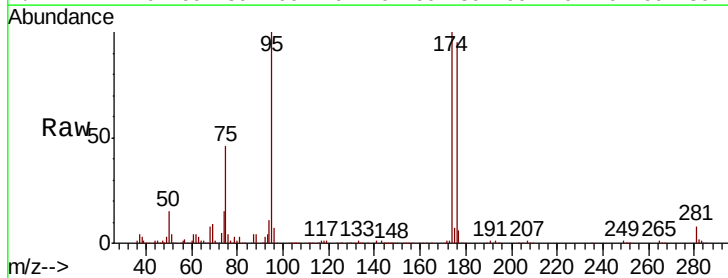
RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051368.D

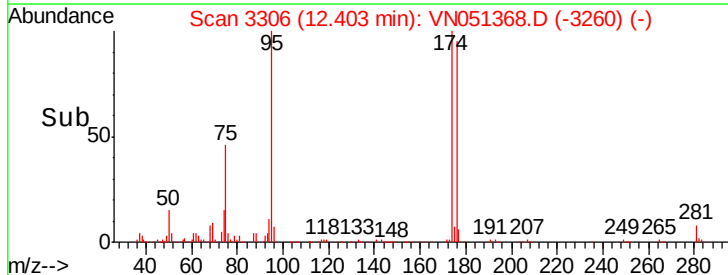
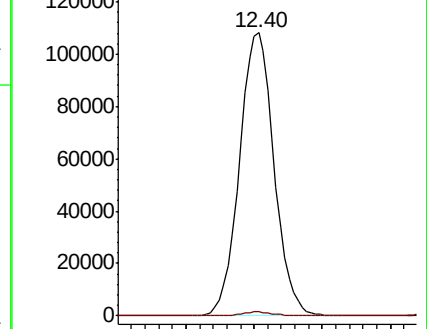
Acq: 21 Sep 2018 14:57

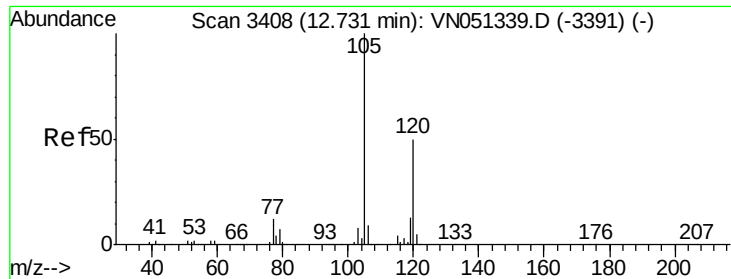
Tgt Ion:	75	Resp:	189700
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

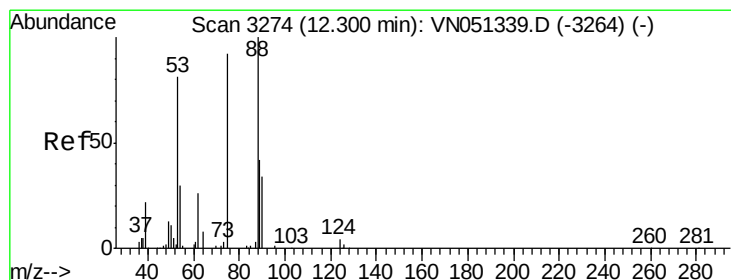
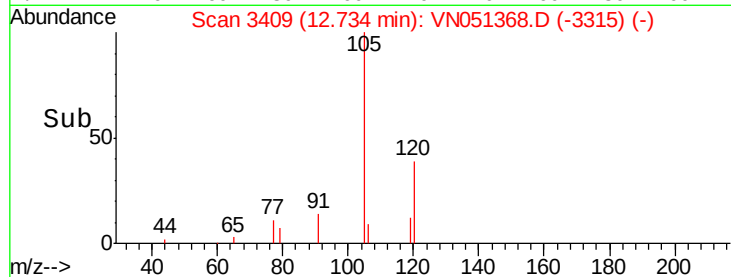
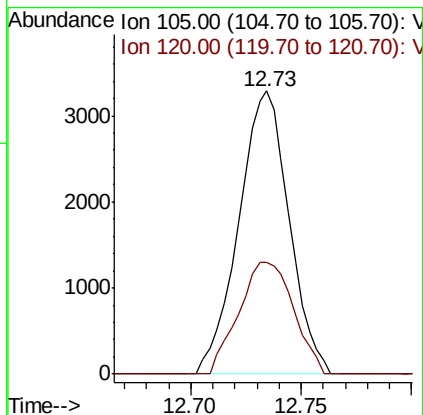
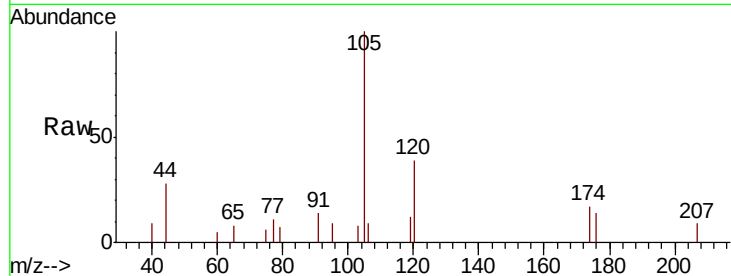
Ion 77.00 (76.70 to 77.70): VN0





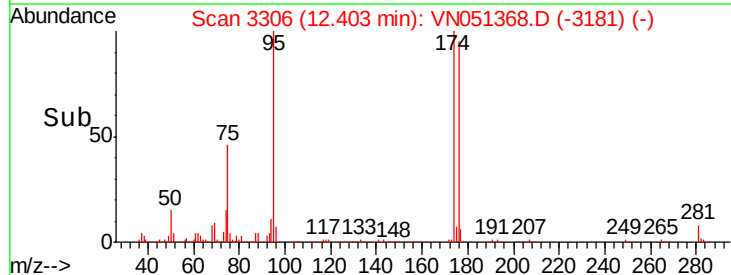
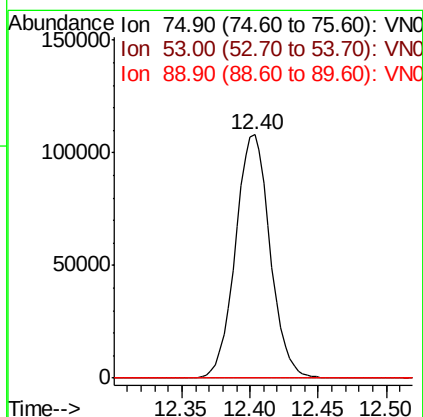
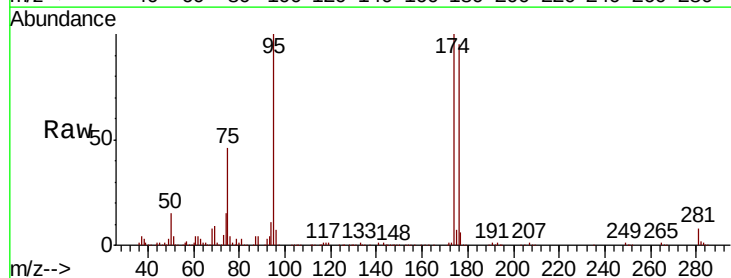
#80
 1,3,5-Trimethylbenzene
 Concen: 0.252 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

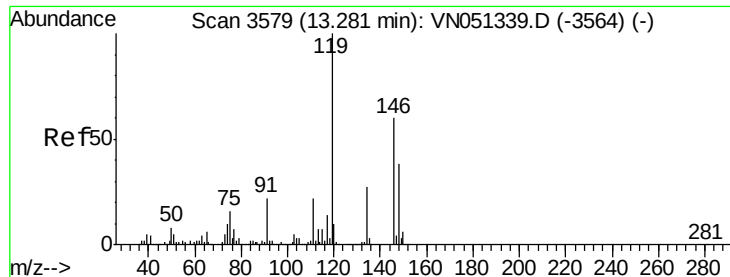
Tot Ion: 105 Resp: 5193
 Ion Ratio Lower Upper
 105 100
 120 42.8 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.576 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

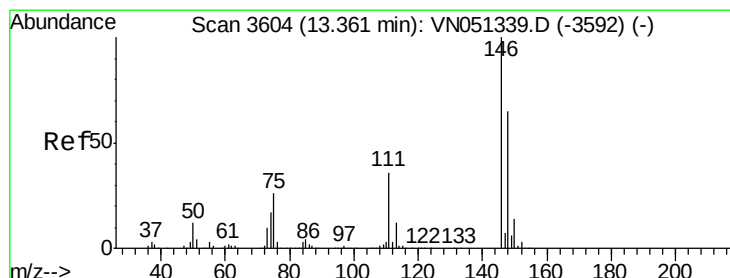
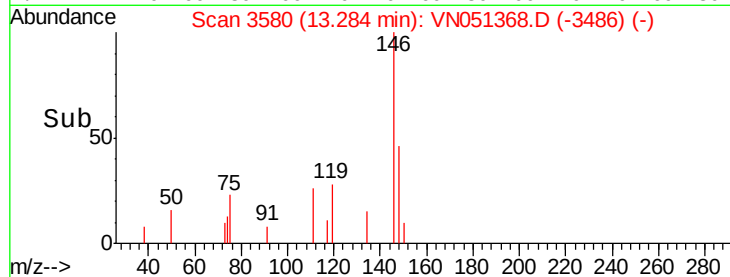
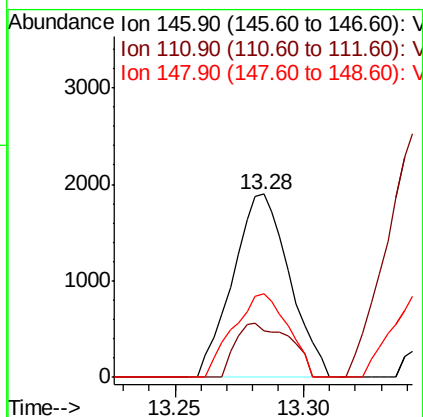
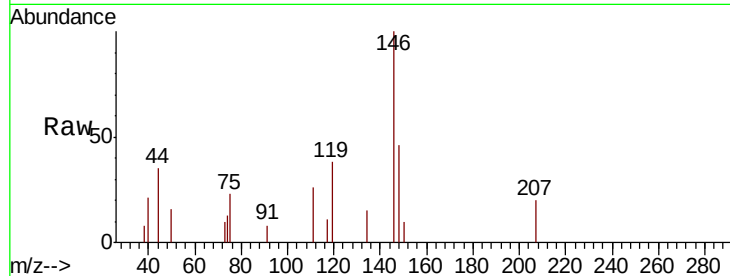
Tgt Ion: 75 Resp: 189700
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.9 104.9#
 89 0.1 37.9 56.9#





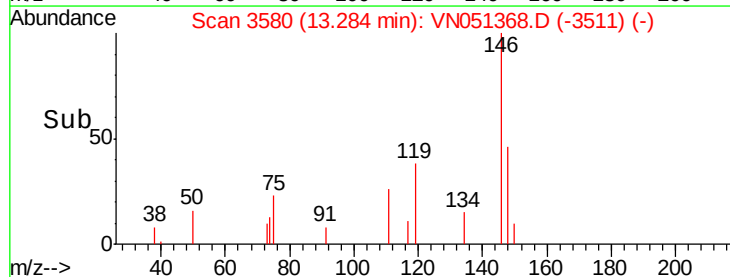
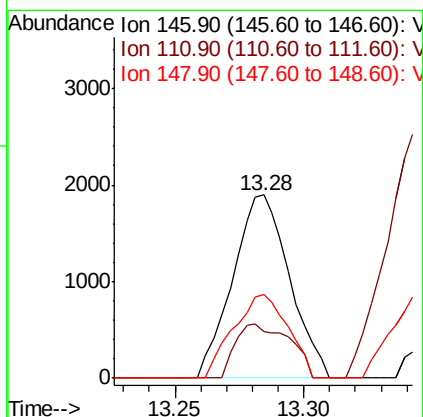
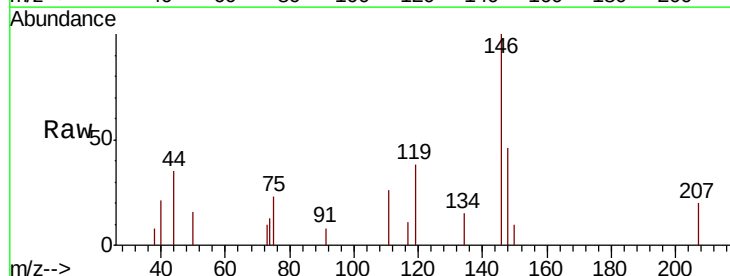
#87
 1,3-Dichlorobenzene
 Concen: 0.246 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

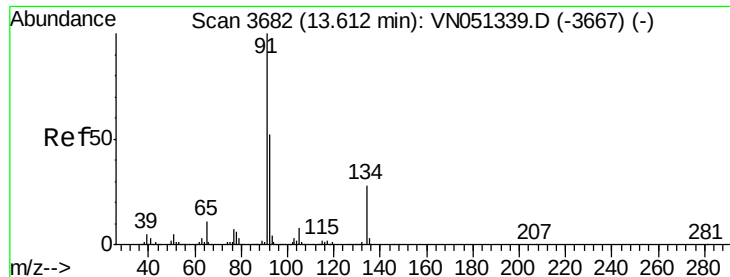
Tot Ion:146	Resp:	2905	
Ion Ratio	Lower	Upper	
146	100		
111	28.3	18.6	55.8
148	43.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.254 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

Tgt Ion:146	Resp:	2905
Ion Ratio	Lower	Upper
146 100		
111 28.3	18.2	54.6
148 43.9	32.5	97.4





#89

n-Butylbenzene

Concen: 1.535 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

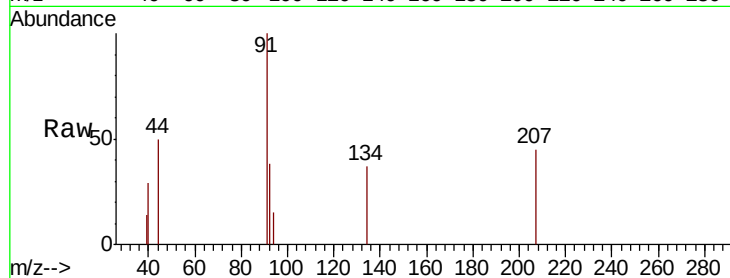
Tot Ion: 91 Resp: 2020

Ion Ratio Lower Upper

91 100

92 40.5 26.0 78.0

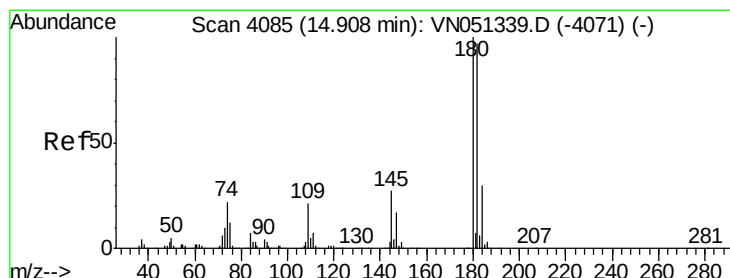
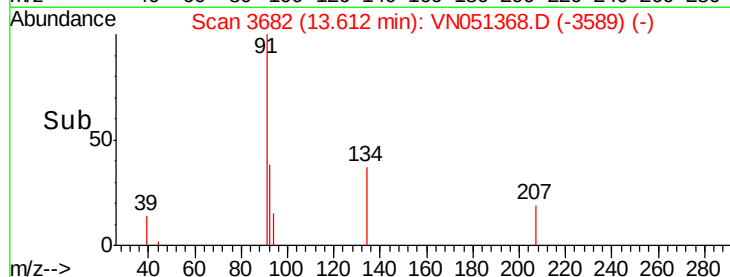
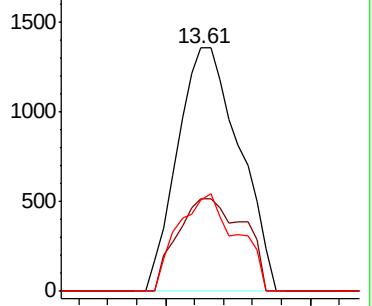
134 38.1 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VN051339.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051339.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051339.D (-3667) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.504 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

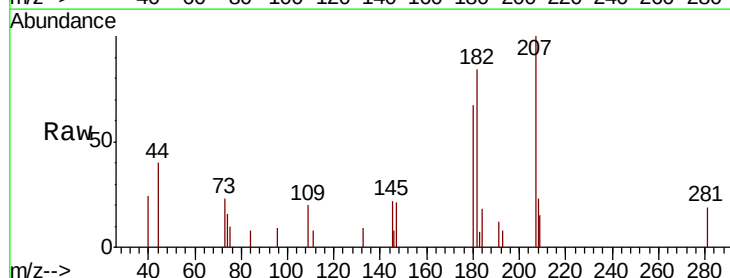
Tgt Ion: 180 Resp: 2912

Ion Ratio Lower Upper

180 100

182 105.5 48.4 145.2

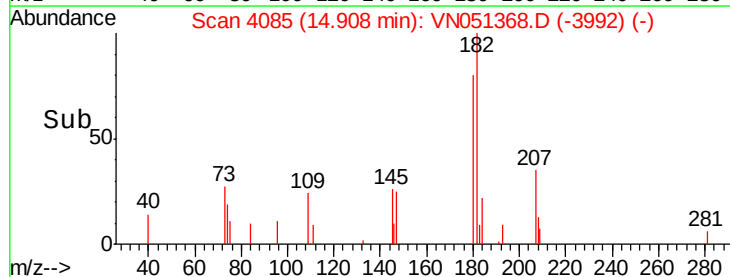
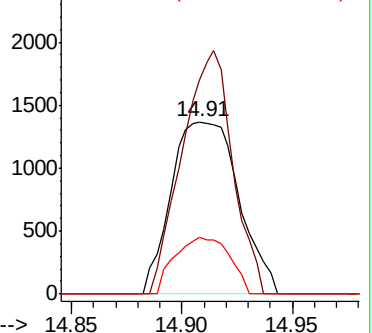
145 26.8 13.7 41.1

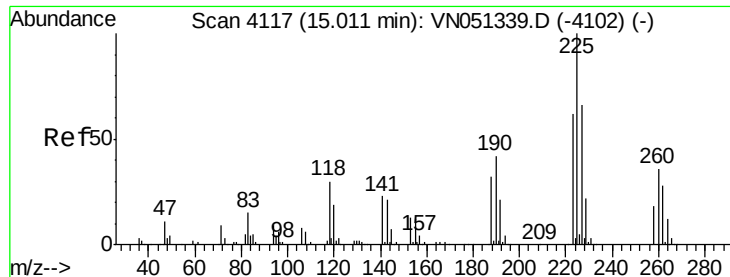


Abundance Ion 179.80 (179.50 to 180.50): VN051339.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN051339.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN051339.D (-4071) (-)





#94

Hexachlorobutadiene

Concen: 0.299 ug/l

RT: 15.01 min Scan# 4117

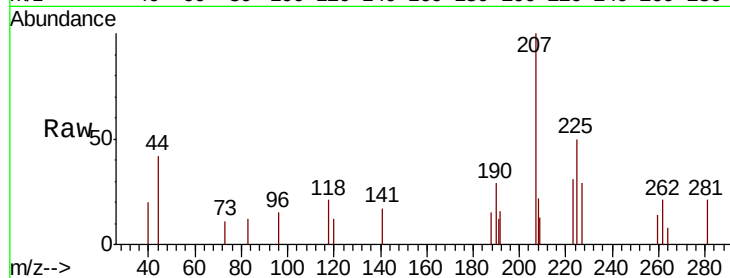
Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

Tot Ion:225 Resp: 1326

Ion	Ratio	Lower	Upper
225	100		
223	59.2	31.2	93.6
227	39.1	32.8	98.4

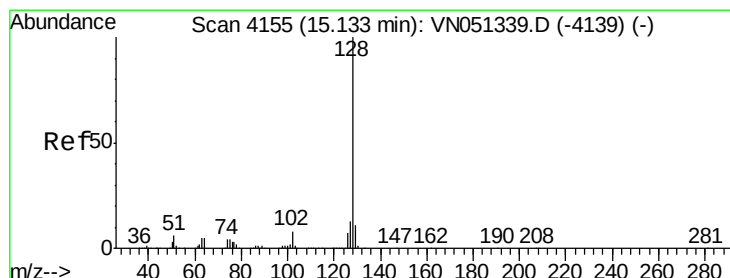
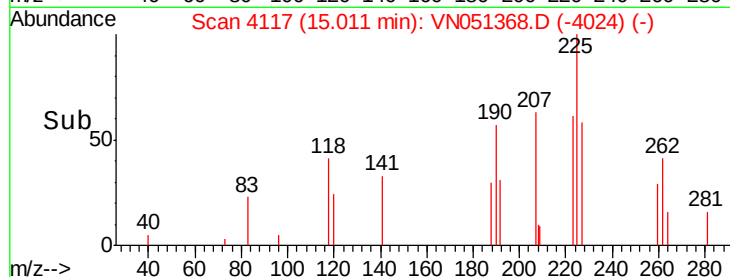
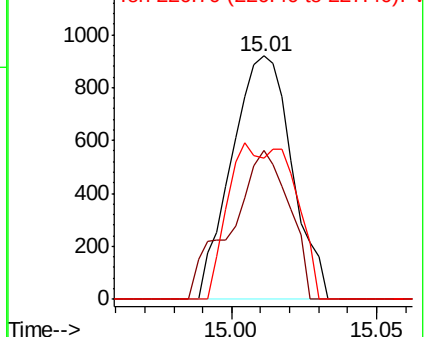


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.779 ug/l

RT: 15.14 min Scan# 4156

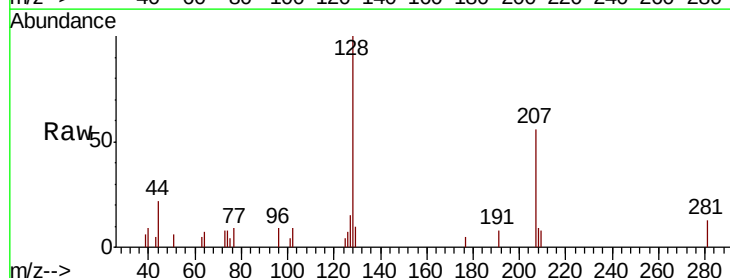
Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

Tgt Ion:128 Resp: 6104

Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.3	15.5#
129	8.2	8.6	13.0#

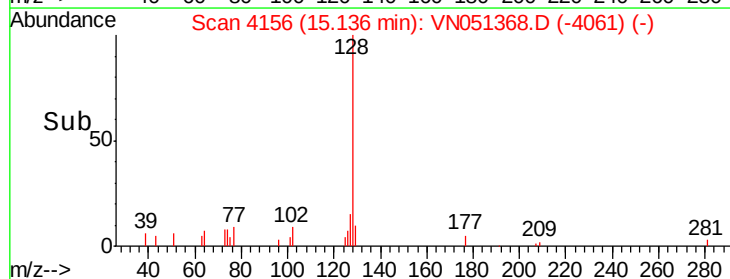
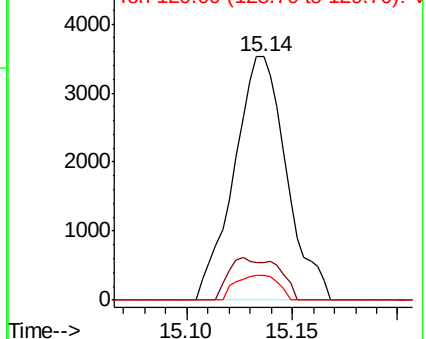


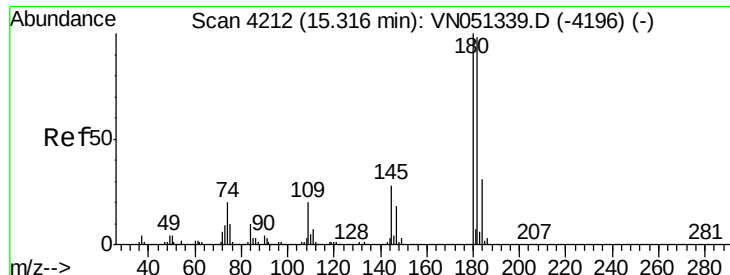
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.781 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	20.4	14.3	42.9

