

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051369.D
 Acq On : 21 Sep 2018 15:21
 Operator : MD\SY
 Sample : VN0922WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 21 23:01:24 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	365431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	496892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	440366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	195940	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
35) Dibromofluoromethane	7.59	113	195440	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	10.09	98	716244	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.40	95	220348	43.88	ug/l	0.00
Spiked Amount			Recovery	=	87.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	63586	20.822	ug/l	95
3) Chloromethane	2.06	50	85728	21.487	ug/l	98
4) Vinyl Chloride	2.18	62	89432	20.776	ug/l	99
5) Bromomethane	2.57	94	63993	21.313	ug/l	96
6) Chloroethane	2.71	64	56352	21.302	ug/l	95
7) Trichlorofluoromethane	3.02	101	130092	21.140	ug/l	99
8) Diethyl Ether	3.41	74	40519	20.579	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	78739	20.853	ug/l	99
10) Methyl Iodide	3.95	142	96605	17.287	ug/l	98
11) Tert butyl alcohol	4.79	59	20486	97.560	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	71457	20.904	ug/l	96
13) Acrolein	3.61	56	22976	95.721	ug/l	97
14) Allyl chloride	4.33	41	98342	20.412	ug/l	99
15) Acrylonitrile	5.00	53	112413	105.638	ug/l	98
16) Acetone	3.82	43	78543	108.978	ug/l	98
17) Carbon Disulfide	4.05	76	211967	20.580	ug/l	100
18) Methyl Acetate	4.33	43	53981	22.535	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	170460	20.605	ug/l	99
20) Methylene Chloride	4.55	84	85496	21.000	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	77166	21.374	ug/l	93
22) Diisopropyl ether	5.96	45	201258	21.147	ug/l	94
23) Vinyl Acetate	5.90	43	641589	104.223	ug/l	99
24) 1,1-Dichloroethane	5.85	63	135625	20.906	ug/l	99
25) 2-Butanone	6.85	43	111404	98.444	ug/l	96
26) 2,2-Dichloropropane	6.82	77	112797	21.042	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	83972	20.990	ug/l	99
28) Bromochloromethane	7.20	49	45902	17.072	ug/l	96
29) Tetrahydrofuran	7.22	42	73330	102.281	ug/l	100
30) Chloroform	7.37	83	146484	21.485	ug/l	95
31) Cyclohexane	7.66	56	111049	19.176	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	126145	21.474	ug/l	99
36) 1,1-Dichloropropene	7.79	75	105749	20.806	ug/l	99
37) Ethyl Acetate	6.93	43	54679	21.730	ug/l	99
38) Carbon Tetrachloride	7.78	117	114670	20.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	113102	19.067	ug/l	95
40) Benzene	8.04	78	323599	21.130	ug/l	99
41) Methacrylonitrile	7.18	41	25202	19.226	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	97871	21.156	ug/l	100
43) Isopropyl Acetate	8.17	43	95621	21.699	ug/l	99
44) Trichloroethene	8.84	130	90523	20.591	ug/l	98
45) 1,2-Dichloropropane	9.12	63	83229	21.238	ug/l	99
46) Dibromomethane	9.21	93	51600	21.359	ug/l	99
47) Bromodichloromethane	9.40	83	104044	20.191	ug/l	99
48) Methyl methacrylate	9.20	41	45070	20.062	ug/l	97
49) 1,4-Dioxane	9.20	88	13973	420.580	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	254706	107.453	ug/l	98
52) Toluene	10.16	92	204342	21.669	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	102089	20.634	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	119482	20.857	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76624	21.663	ug/l	98
56) Ethyl methacrylate	10.43	69	75861	18.754	ug/l	99
57) 1,3-Dichloropropane	10.71	76	119055	21.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	153692	78.087	ug/l	99
59) 2-Hexanone	10.75	43	161730	101.202	ug/l	96
60) Dibromochloromethane	10.90	129	86456	20.960	ug/l	99
61) 1,2-Dibromoethane	11.01	107	70557	20.749	ug/l	100
64) Tetrachloroethene	10.63	164	85937	22.379	ug/l	99
65) Chlorobenzene	11.43	112	223172	21.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	87591	21.869	ug/l	100
67) Ethyl Benzene	11.51	91	339855	20.649	ug/l	99
68) m/p-Xylenes	11.62	106	277613	42.934	ug/l	100
69) o-Xylene	11.95	106	133658	21.442	ug/l	99
70) Styrene	11.96	104	205004	19.411	ug/l	99
71) Bromoform	12.13	173	59113	21.747	ug/l #	99
73) Isopropylbenzene	12.25	105	346106	21.489	ug/l	99
74) N-amyl acetate	12.07	43	66094	19.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	84926	23.188	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	98412	33.159	ug/l #	100
77) Bromobenzene	12.53	156	95752	21.517	ug/l	99
78) n-propylbenzene	12.59	91	376743	21.456	ug/l	100
79) 2-Chlorotoluene	12.67	91	238873	22.075	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	286541	21.945	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20545	20.960	ug/l	96
82) 4-Chlorotoluene	12.77	91	229461	21.817	ug/l	99
83) tert-Butylbenzene	12.99	119	257054	21.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	288943	22.296	ug/l	99
85) sec-Butylbenzene	13.17	105	341353	21.964	ug/l	99
86) p-Isopropyltoluene	13.29	119	289590	21.410	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	156384	20.907	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	148764	20.517	ug/l	99
89) n-Butylbenzene	13.62	91	202217	18.187	ug/l	98
90) Hexachloroethane	13.87	117	60917	21.030	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	154430	21.372	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10530	20.002	ug/l	99

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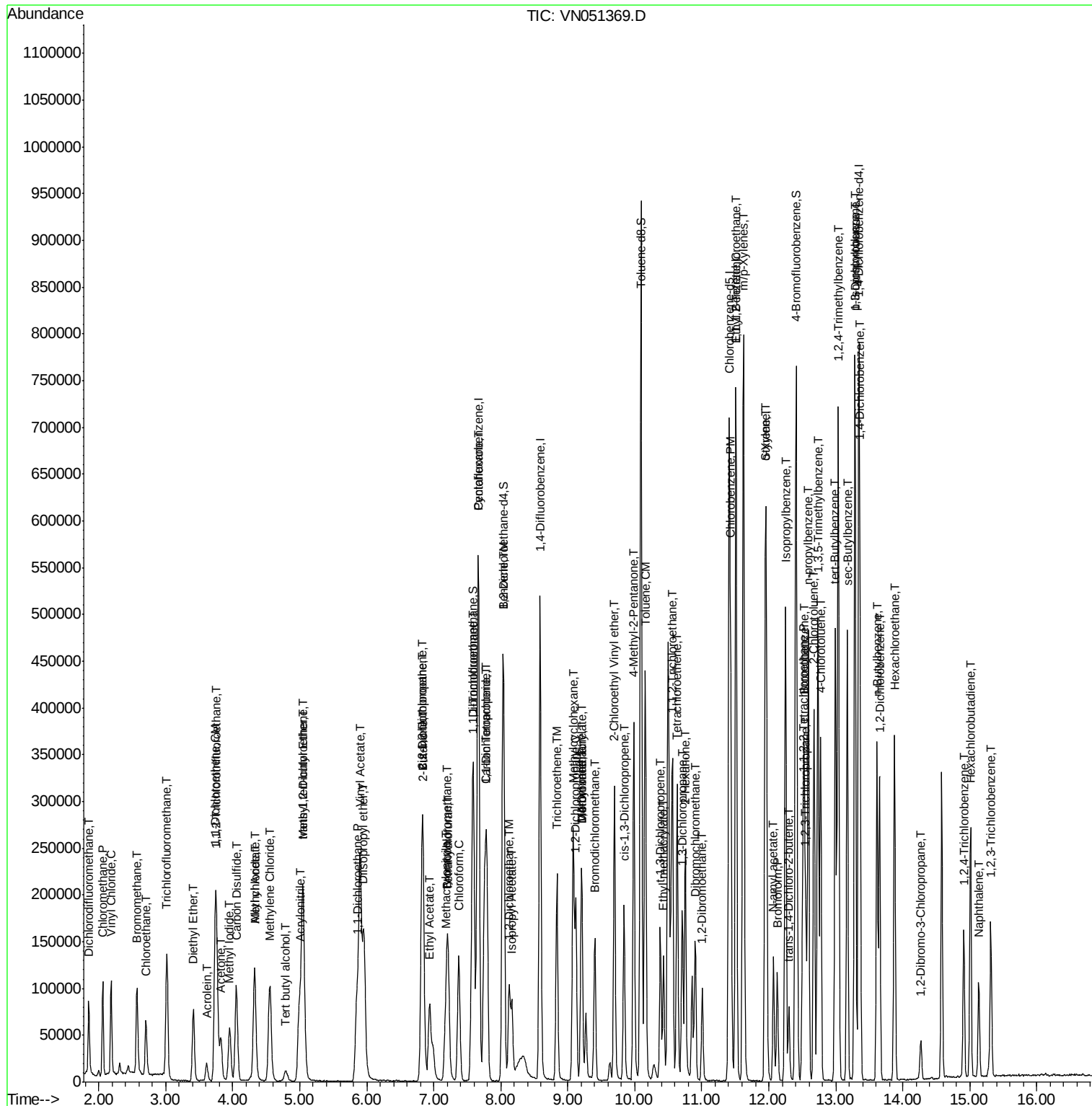
Quant Time: Sep 21 23:01:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
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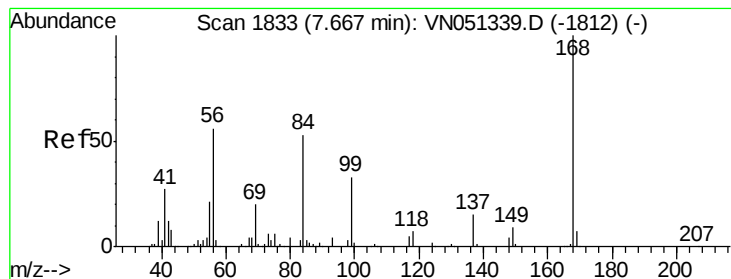
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58448	16.965	ug/l	98
94) Hexachlorobutadiene	15.01	225	59092	21.073	ug/l	99
95) Naphthalene	15.13	128	88432	15.561	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	62144	17.866	ug/l	98

(#) = 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: VN051369.D

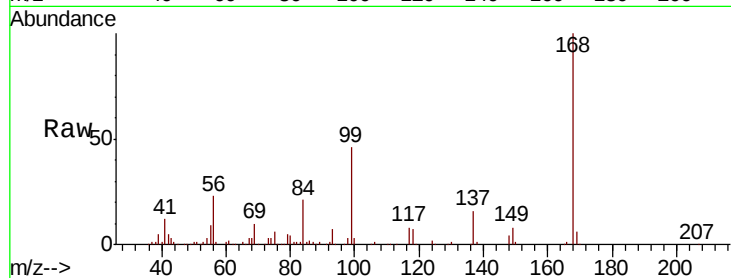
Acq: 21 Sep 2018 15:21

Tot Ion:168 Resp: 365431

Ion Ratio Lower Upper

168 100

99 45.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

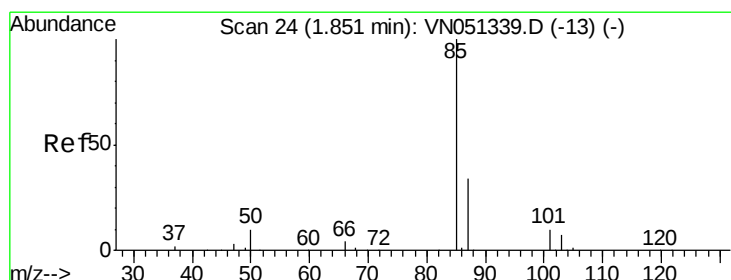
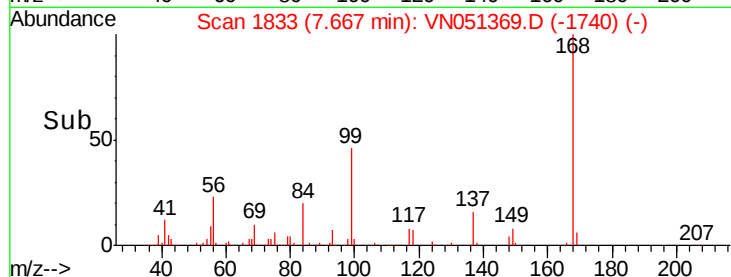
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 20.822 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051369.D

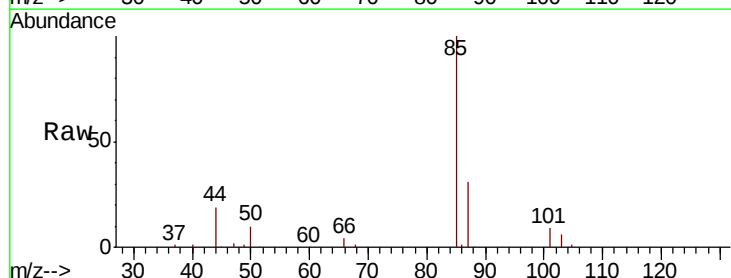
Acq: 21 Sep 2018 15:21

Tgt Ion: 85 Resp: 63586

Ion Ratio Lower Upper

85 100

87 30.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

50000

40000

30000

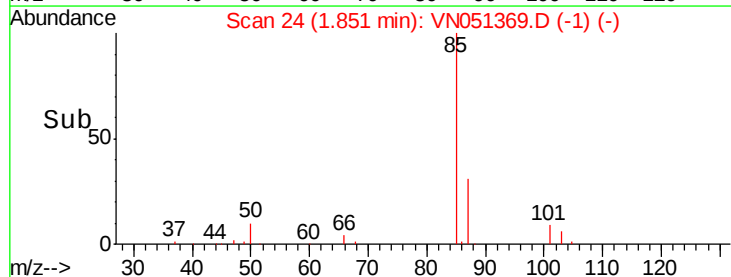
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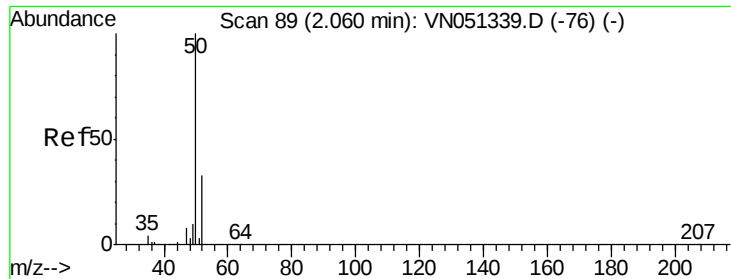
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 21.487 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051369.D

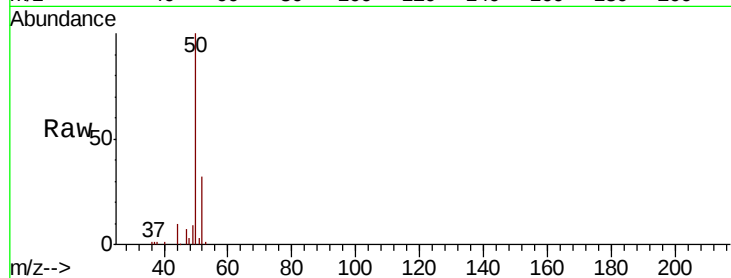
Acq: 21 Sep 2018 15:21

Tot Ion: 50 Resp: 85728

Ion Ratio Lower Upper

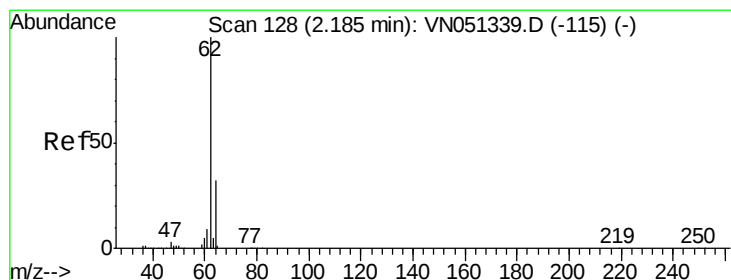
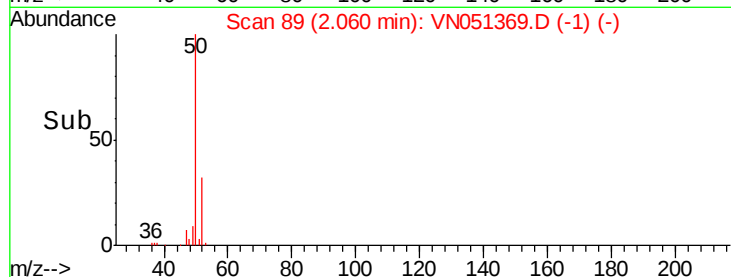
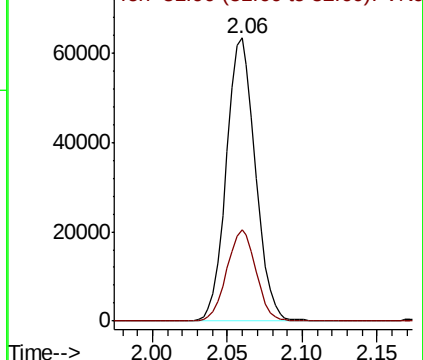
50 100

52 32.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.776 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051369.D

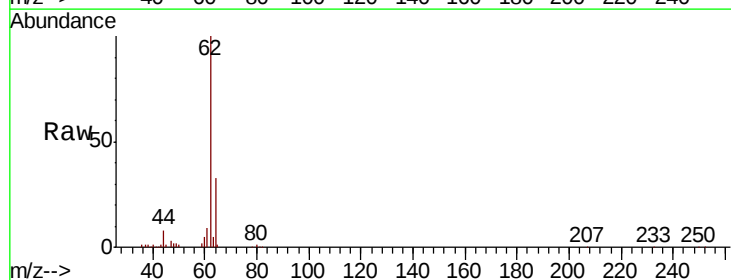
Acq: 21 Sep 2018 15:21

Tgt Ion: 62 Resp: 89432

Ion Ratio Lower Upper

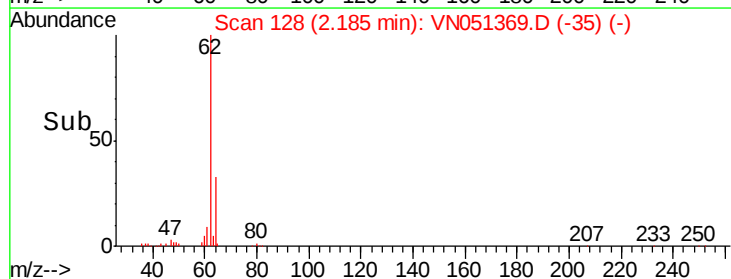
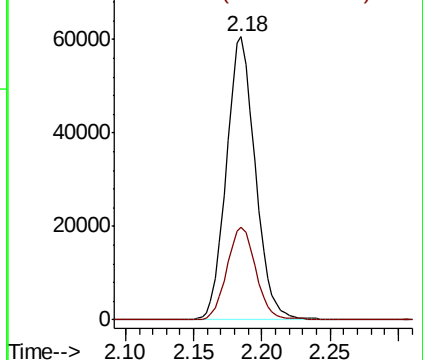
62 100

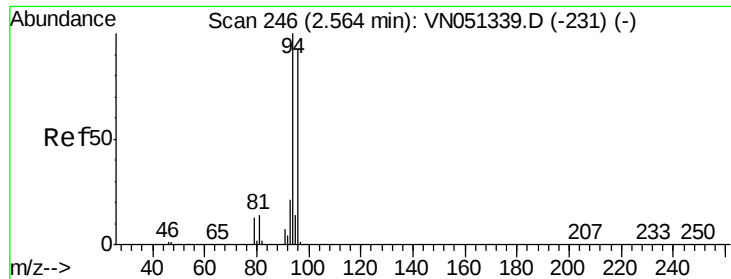
64 33.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.313 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051369.D

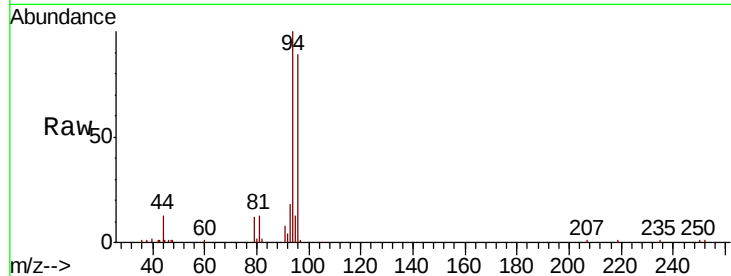
Acq: 21 Sep 2018 15:21

Tot Ion: 94 Resp: 63993

Ion Ratio Lower Upper

94 100

96 88.0 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN051339.D (-231) (-)

Ion 95.90 (95.60 to 96.60): VN051339.D (-231) (-)

2.57

40000

30000

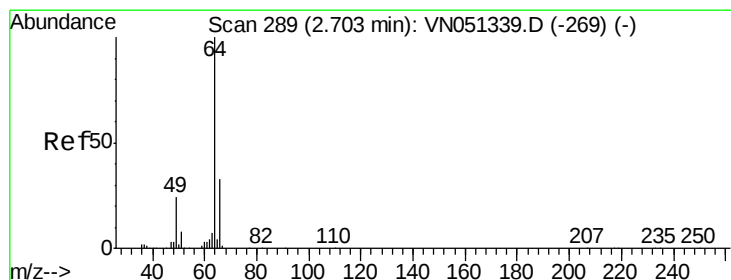
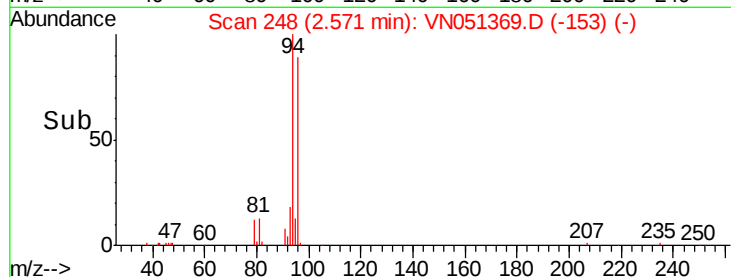
20000

10000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 21.302 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051369.D

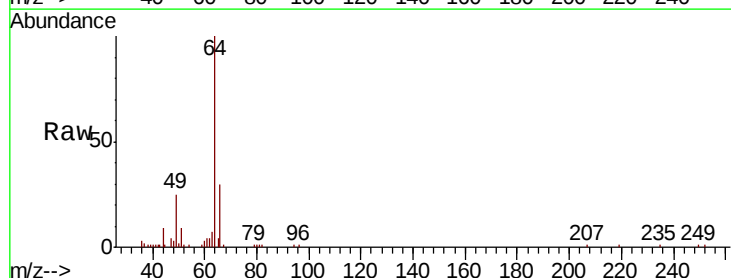
Acq: 21 Sep 2018 15:21

Tgt Ion: 64 Resp: 56352

Ion Ratio Lower Upper

64 100

66 30.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VN051339.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN051339.D (-269) (-)

2.71

30000

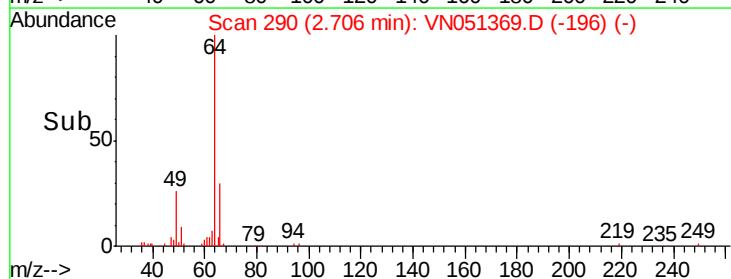
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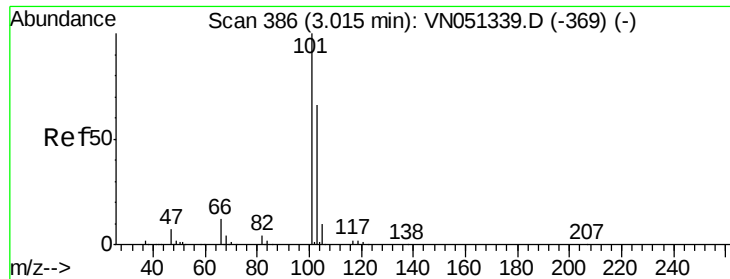
10000

0

2.60 2.65 2.70 2.75 2.80

Time-->

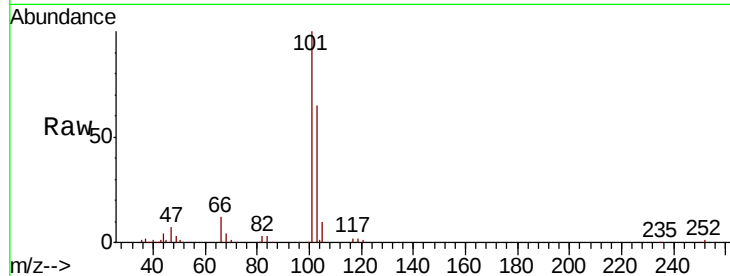




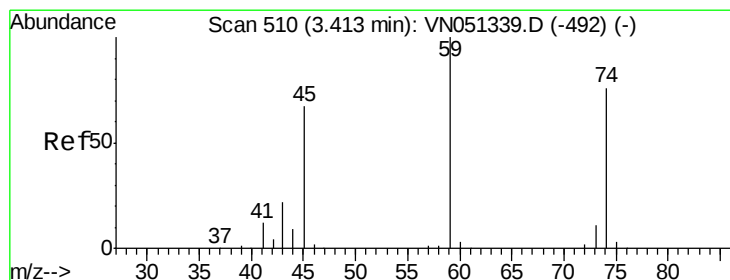
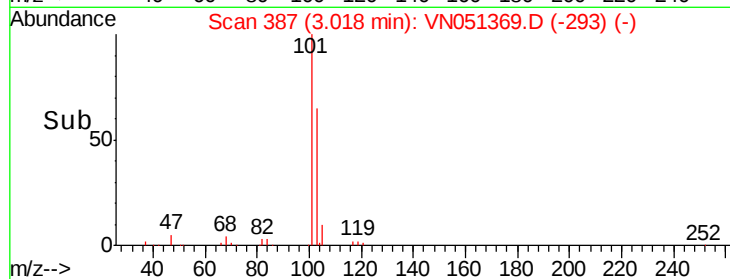
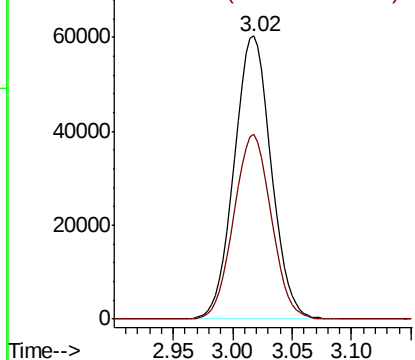
#7

Trichlorofluoromethane
Concen: 21.140 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion:101 Resp: 130092
Ion Ratio Lower Upper
101 100
103 65.2 52.7 79.1



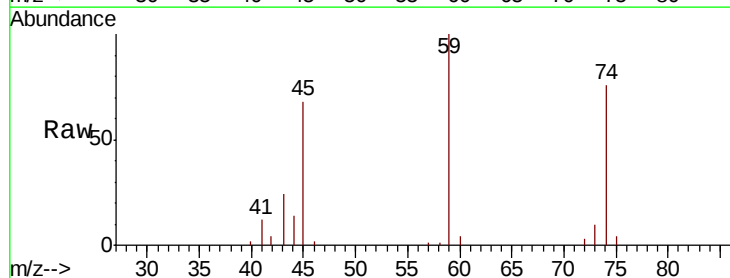
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



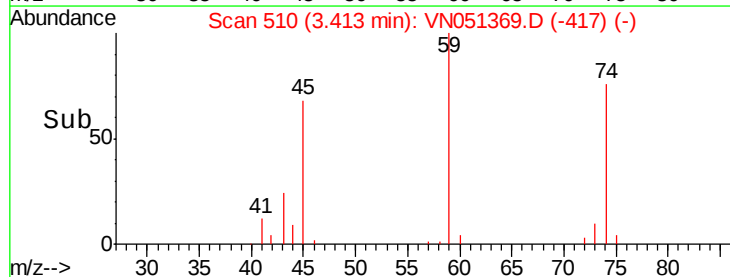
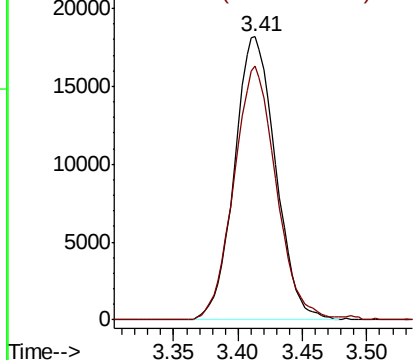
#8

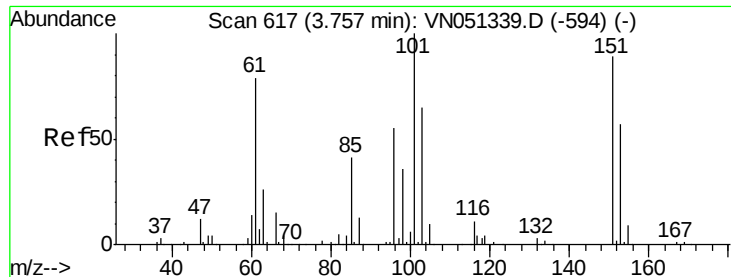
Diethyl Ether
Concen: 20.579 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN051369.D
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Tgt Ion: 74 Resp: 40519
Ion Ratio Lower Upper
74 100
45 91.8 44.1 132.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.853 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

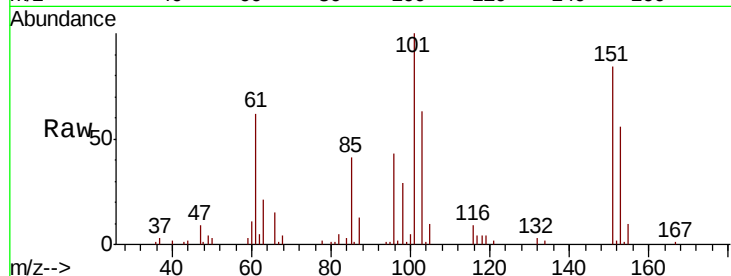
Tot Ion:101 Resp: 78739

Ion Ratio Lower Upper

101 100

85 40.7 33.4 50.2

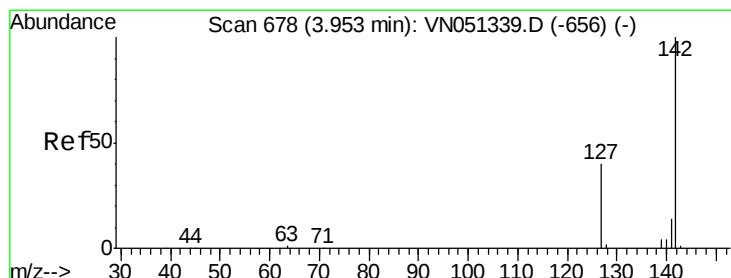
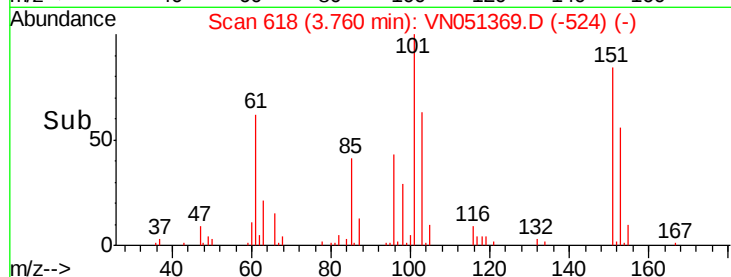
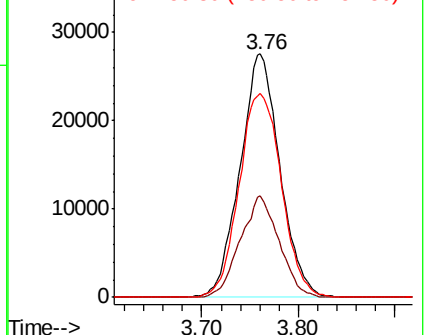
151 89.0 71.8 107.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.287 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

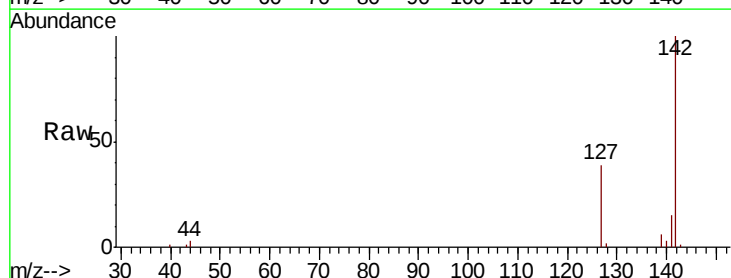
Tgt Ion:142 Resp: 96605

Ion Ratio Lower Upper

142 100

127 38.7 31.9 47.9

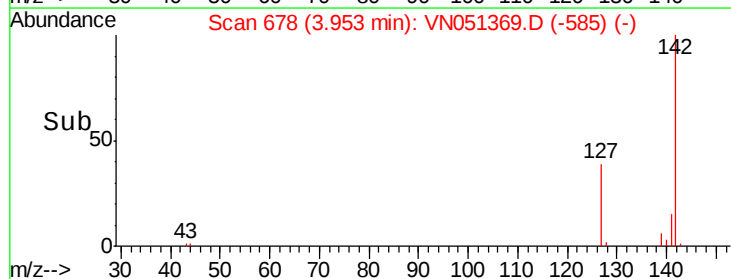
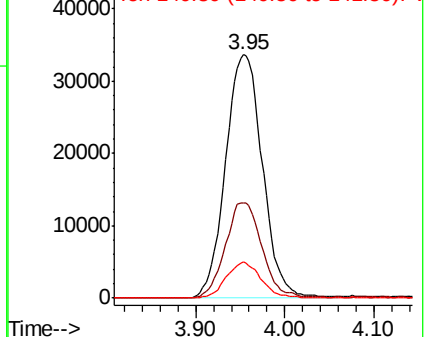
141 13.8 11.4 17.0

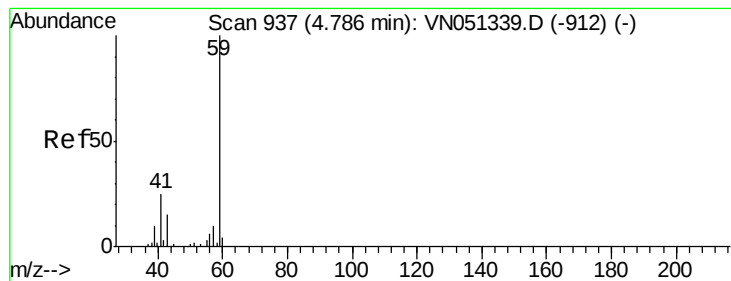


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

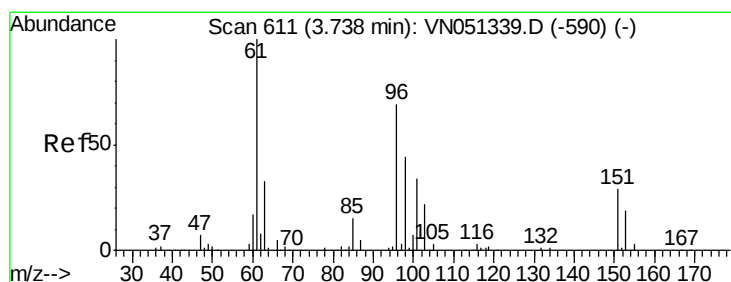
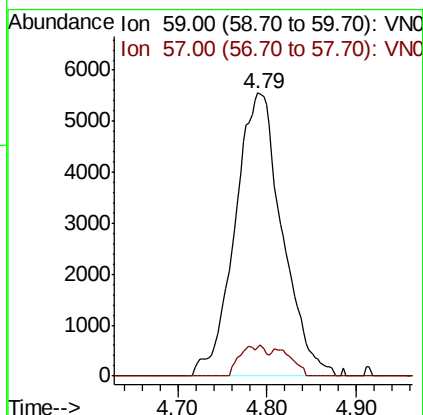
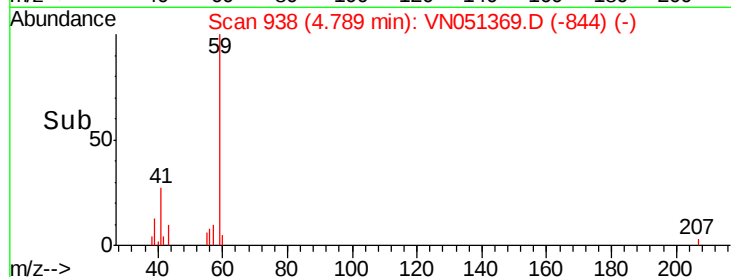
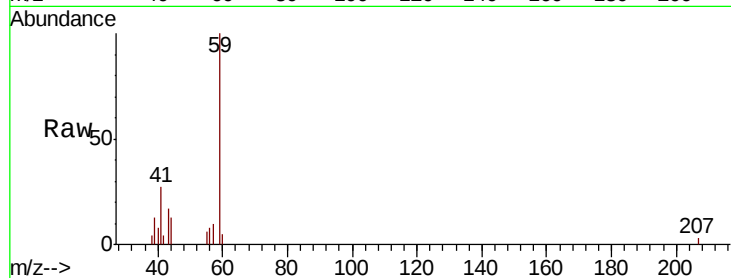




#11

Tert butyl alcohol
Concen: 97.560 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

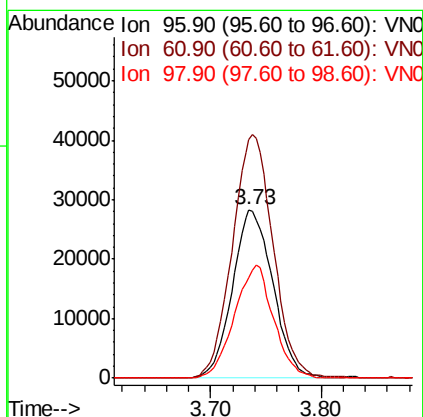
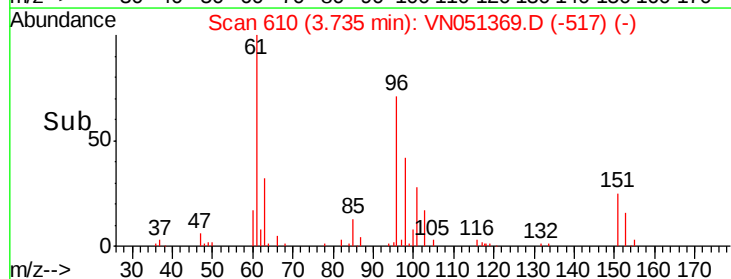
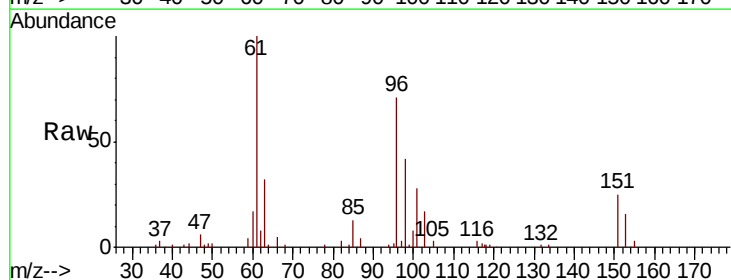
Tot Ion: 59 Resp: 20486
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

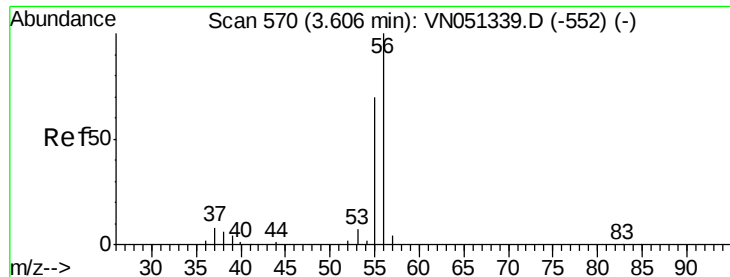


#12

1,1-Dichloroethene
Concen: 20.904 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion: 96 Resp: 71457
Ion Ratio Lower Upper
96 100
61 141.4 116.4 174.6
98 59.7 50.9 76.3





#13

Acrolein

Concen: 95.721 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051369.D

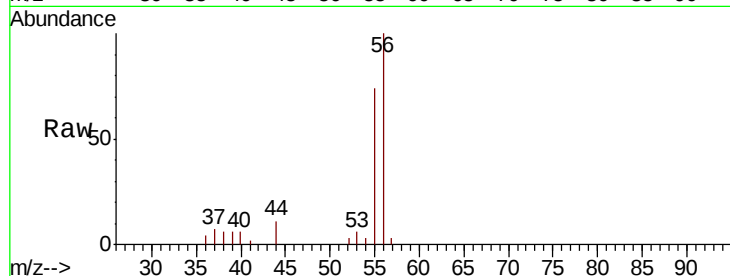
Acq: 21 Sep 2018 15:21

Tot Ion: 56 Resp: 22976

Ion Ratio Lower Upper

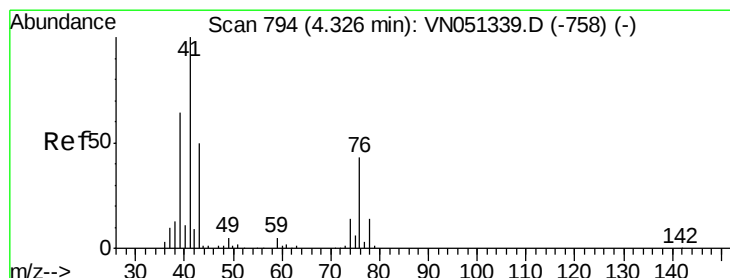
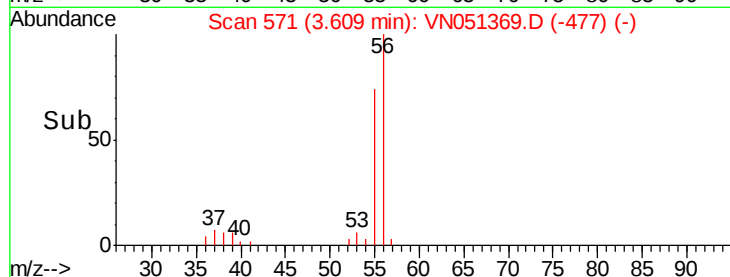
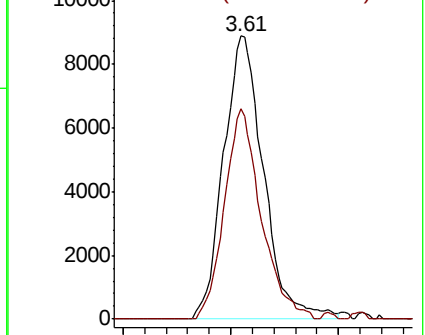
56 100

55 68.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.412 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

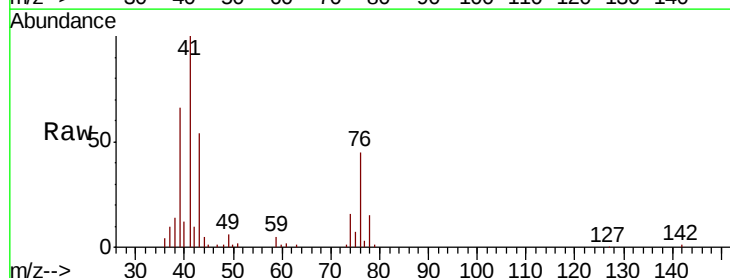
Tgt Ion: 41 Resp: 98342

Ion Ratio Lower Upper

41 100

39 63.4 50.4 75.6

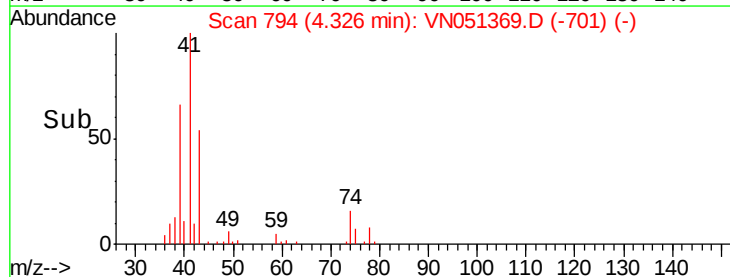
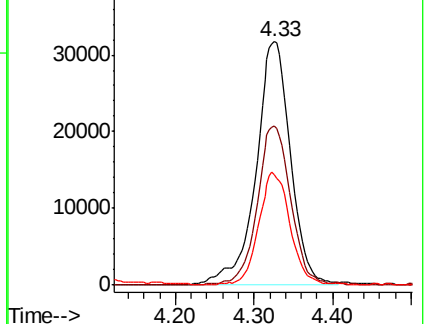
76 42.1 32.4 48.6

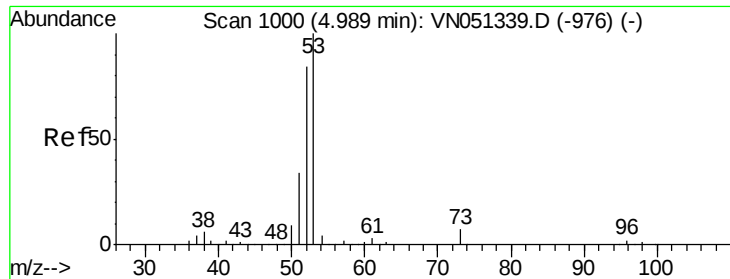


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.638 ug/l

RT: 5.00 min Scan# 1002

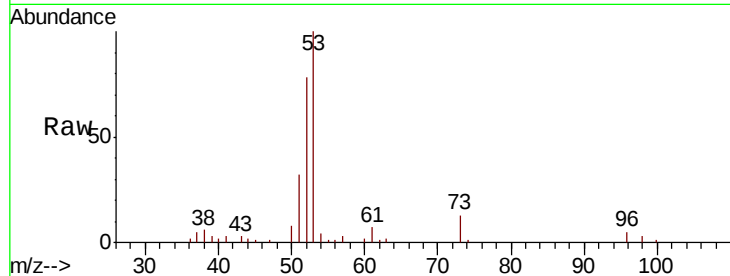
Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tot Ion: 53 Resp: 112413

Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.4	98.0
51	33.3	28.3	42.5

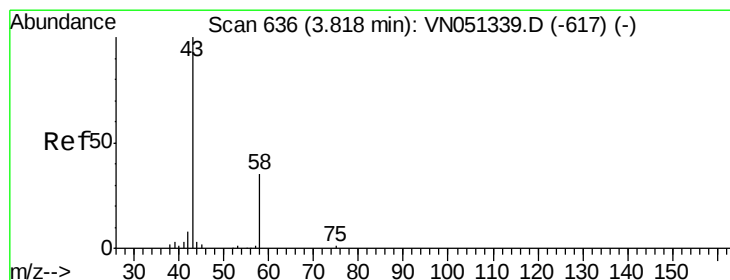
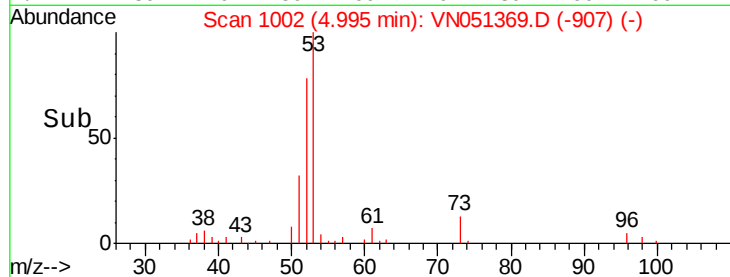
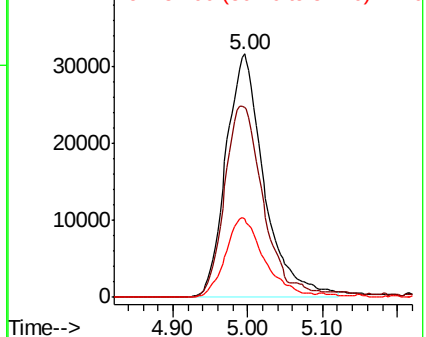


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 108.978 ug/l

RT: 3.82 min Scan# 637

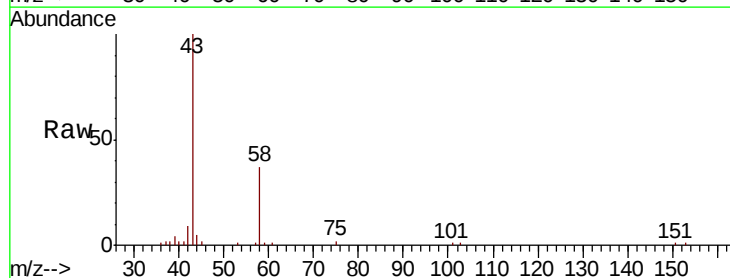
Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tgt Ion: 43 Resp: 78543

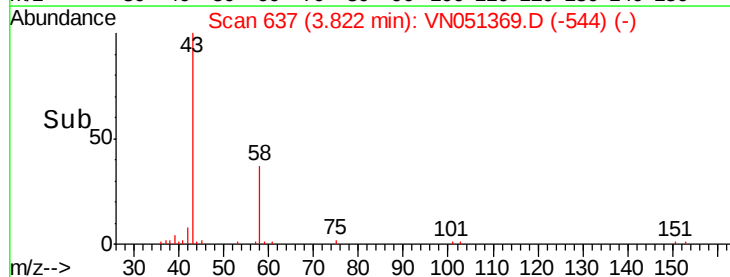
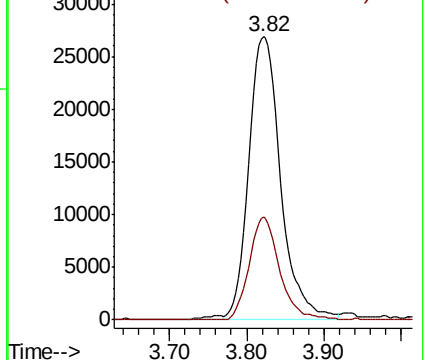
Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.3	42.5

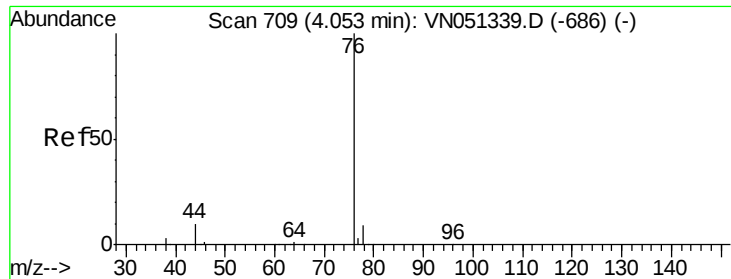


Abundance

Ion 43.00 (42.70 to 43.70): VN0

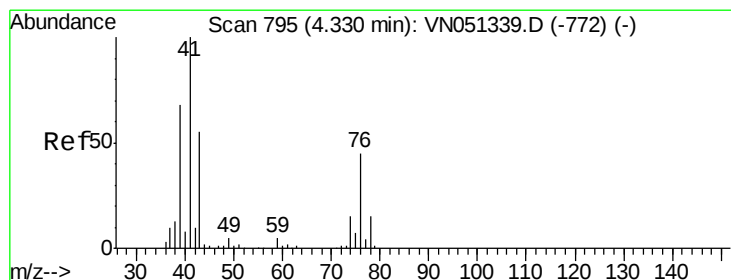
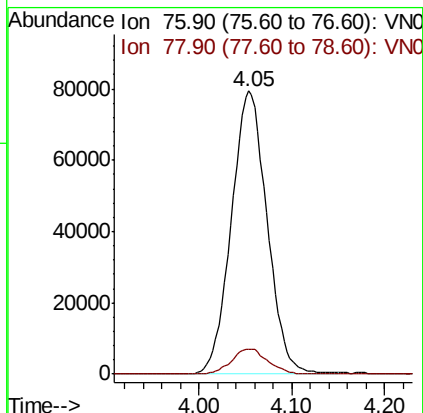
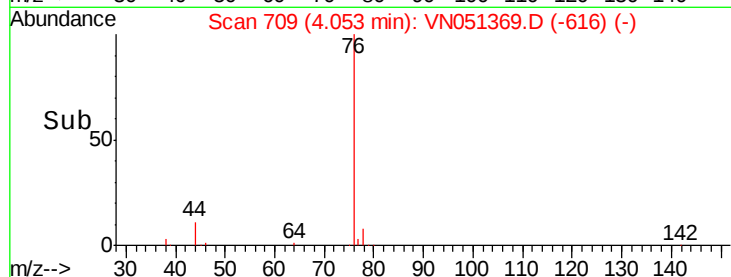
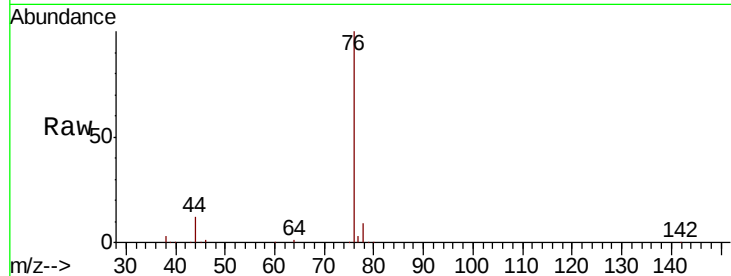
Ion 58.00 (57.70 to 58.70): VN0





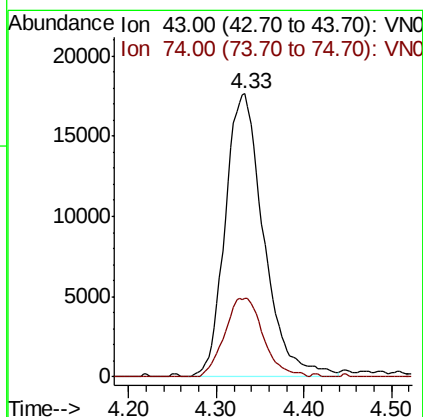
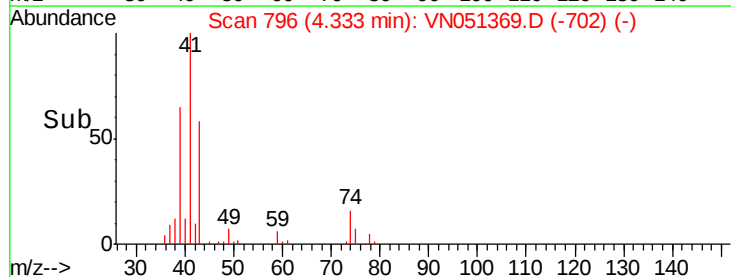
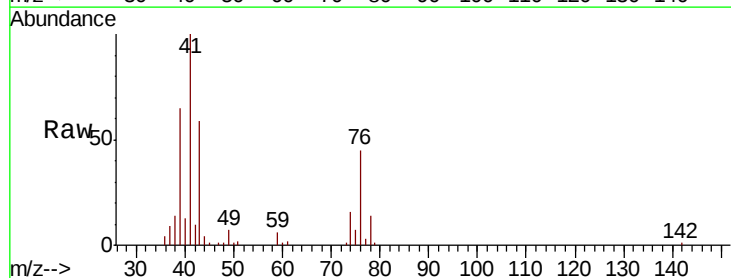
#17
Carbon Disulfide
Concen: 20.580 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

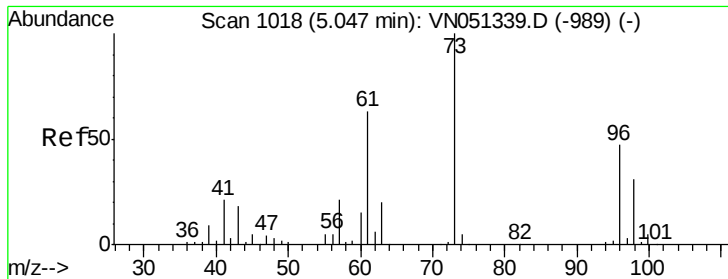
Tot Ion: 76 Resp: 211967
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 22.535 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion: 43 Resp: 53981
Ion Ratio Lower Upper
43 100
74 27.8 21.7 32.5

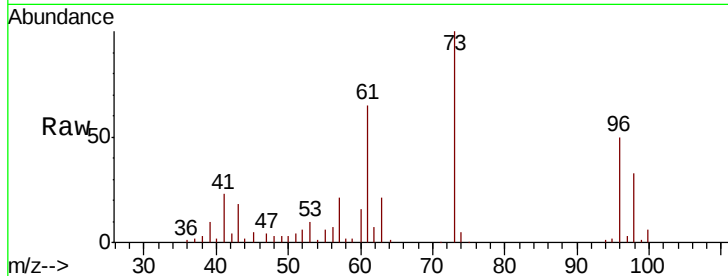




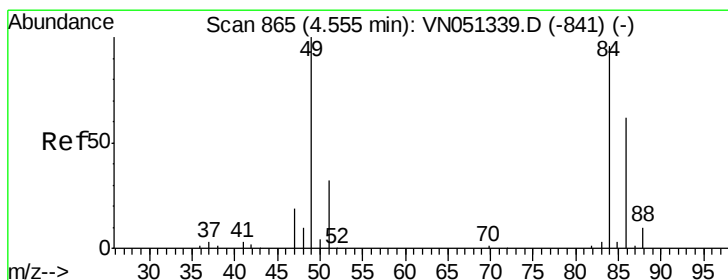
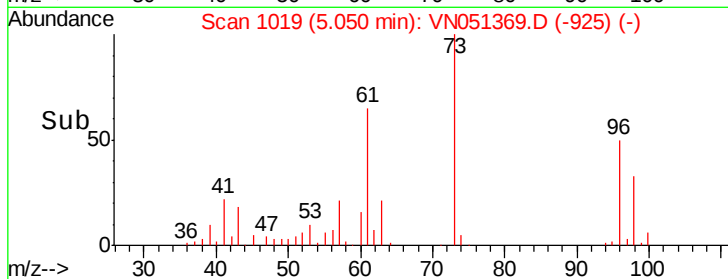
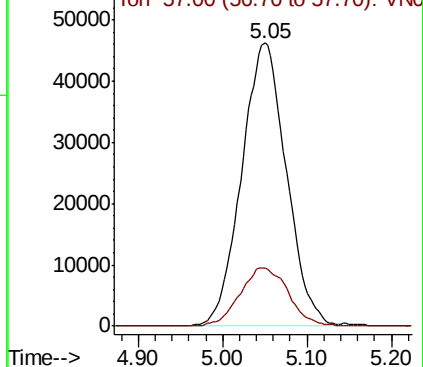
#19

Methyl tert-butyl Ether
 Concen: 20.605 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tot Ion: 73 Resp: 170460
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.9 25.3



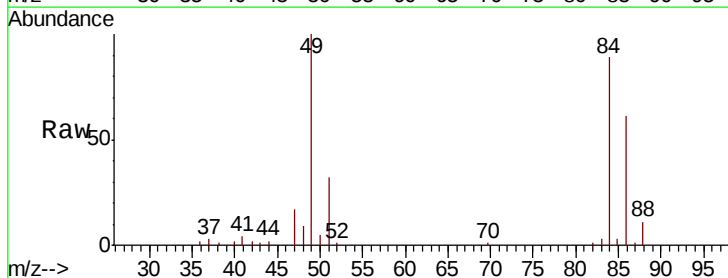
Abundance Ion 73.00 (72.70 to 73.70): VN051339.D (-989) (-)
 Ion 57.00 (56.70 to 57.70): VN051339.D (-989) (-)



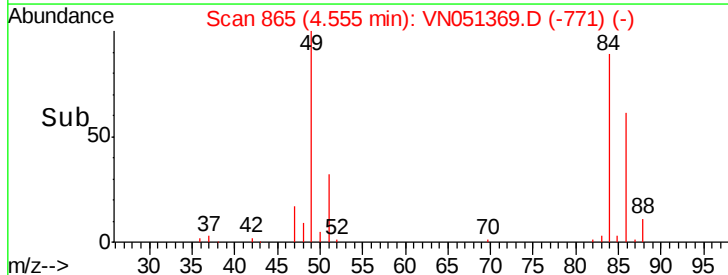
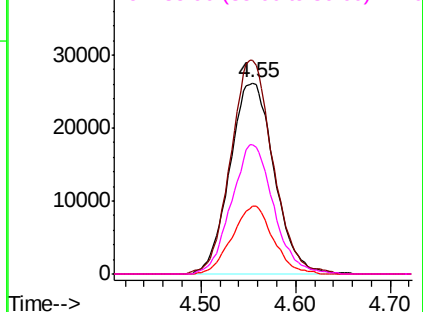
#20

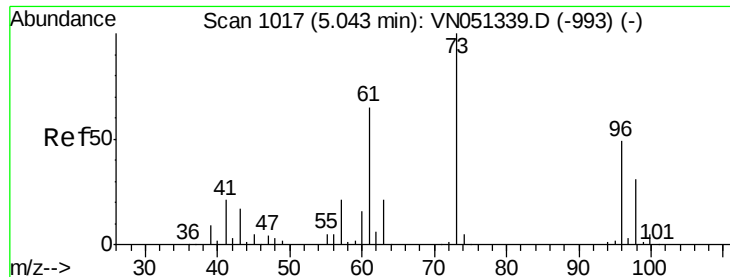
Methylene Chloride
 Concen: 21.000 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tgt Ion: 84 Resp: 85496
 Ion Ratio Lower Upper
 84 100
 49 111.8 83.2 124.8
 51 35.5 26.4 39.6
 86 67.9 51.4 77.0



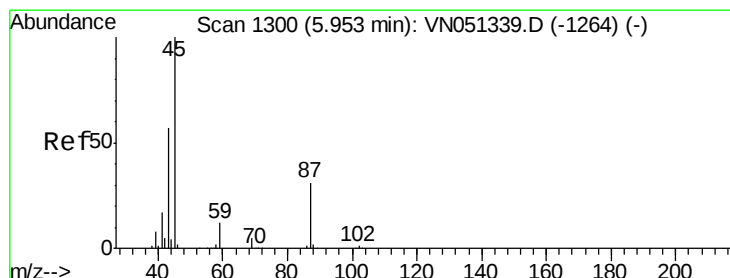
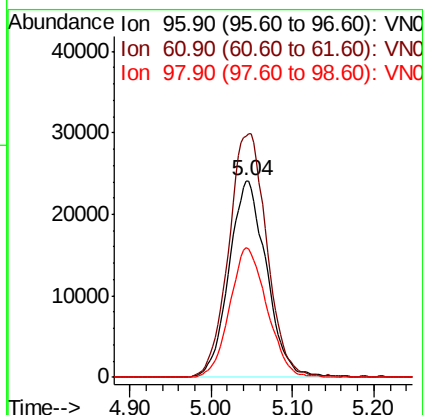
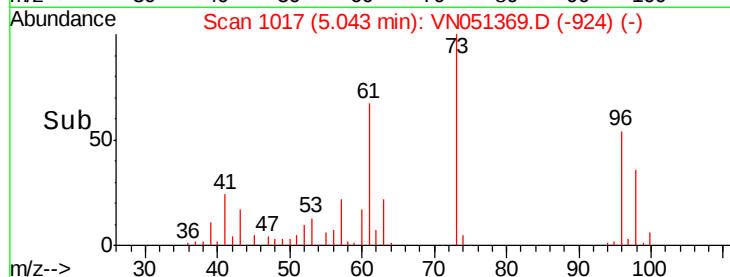
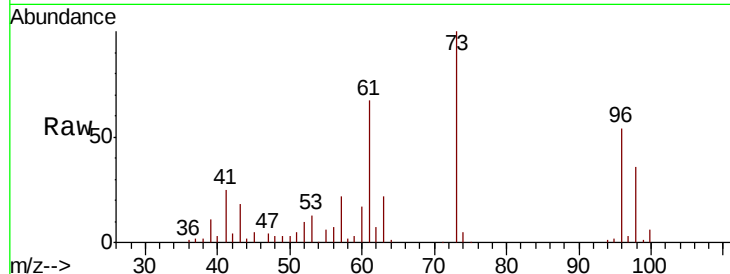
Abundance Ion 83.90 (83.60 to 84.60): VN051339.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN051339.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN051339.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN051339.D (-841) (-)





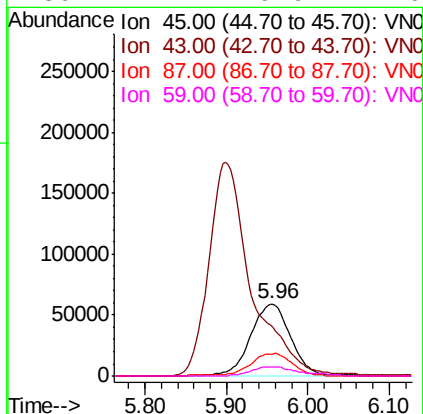
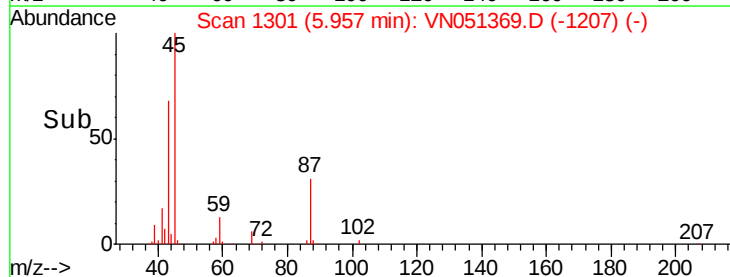
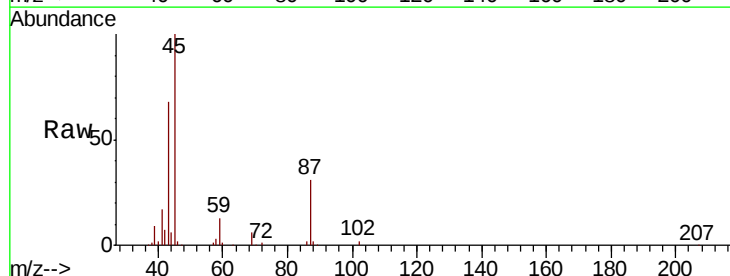
#21
trans-1,2-Dichloroethene
Concen: 21.374 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

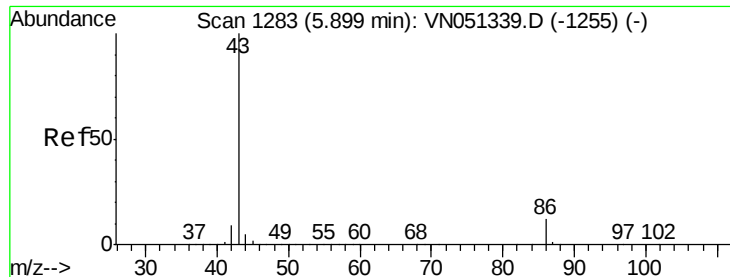
Tot Ion: 96 Resp: 77166
Ion Ratio Lower Upper
96 100
61 122.7 106.2 159.4
98 65.7 51.0 76.6



#22
Diisopropyl ether
Concen: 21.147 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

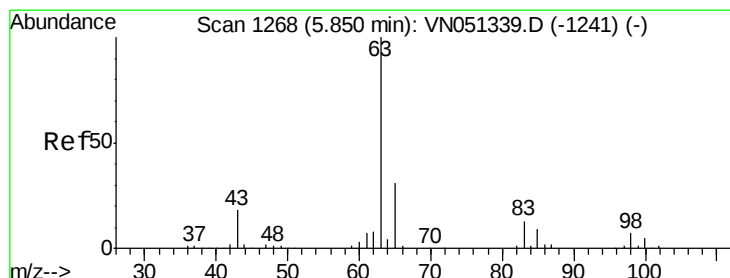
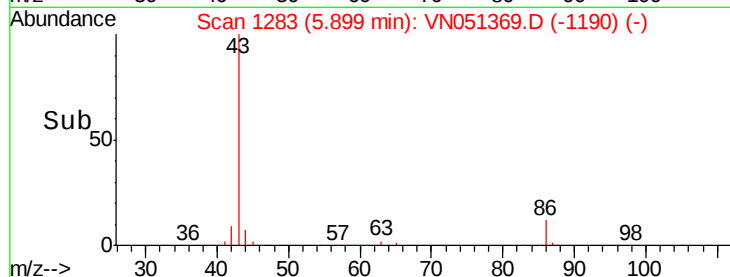
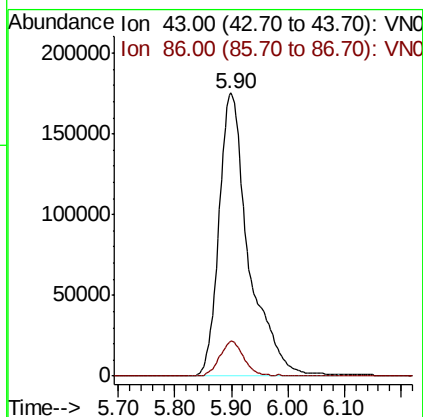
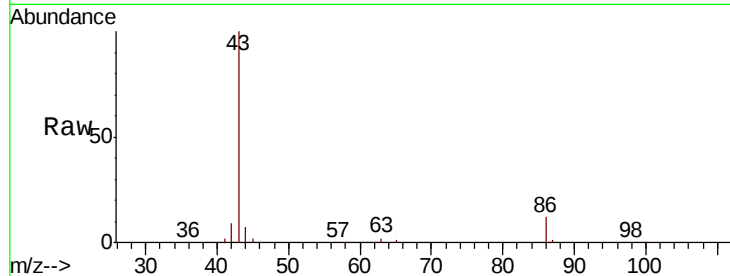
Tgt Ion: 45 Resp: 201258
Ion Ratio Lower Upper
45 100
43 64.4 46.1 69.1
87 30.5 25.6 38.4
59 12.7 9.9 14.9





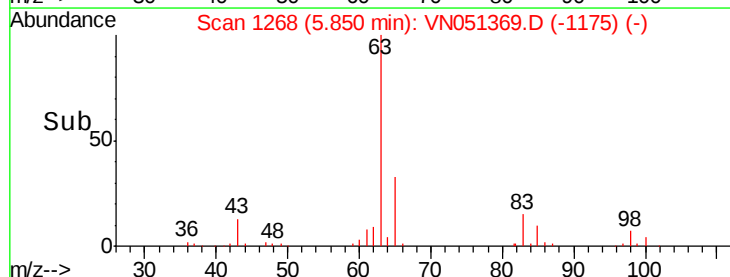
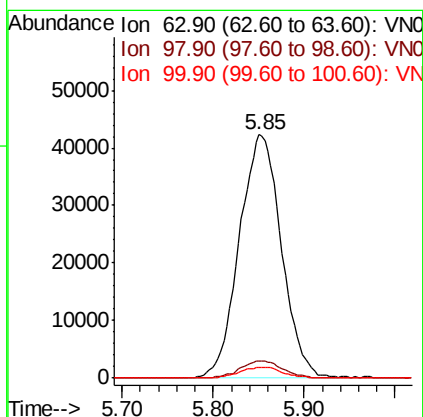
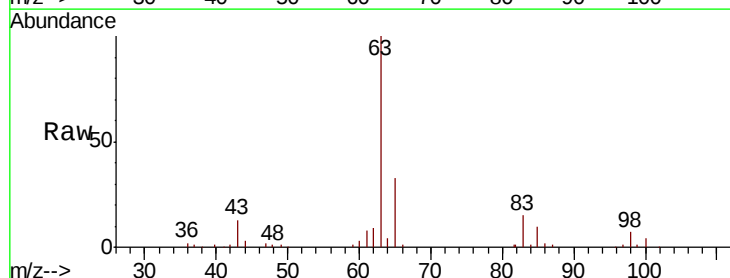
#23
 Vinyl Acetate
 Concen: 104.223 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

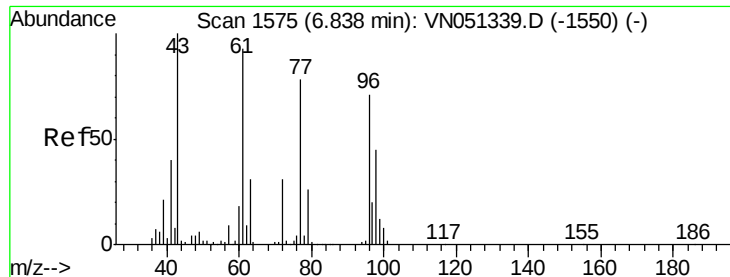
Tot Ion: 43 Resp: 641589
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 20.906 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tgt Ion: 63 Resp: 135625
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.3 2.3 6.9





#25

2-Butanone

Concen: 98.444 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051369.D

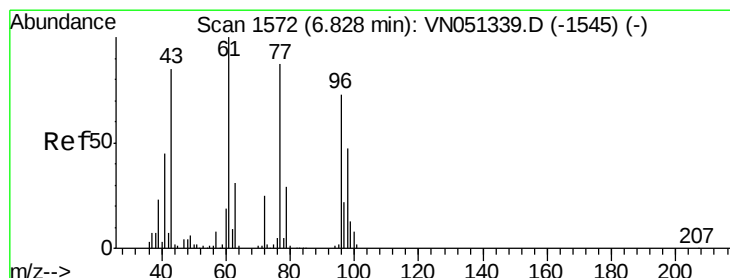
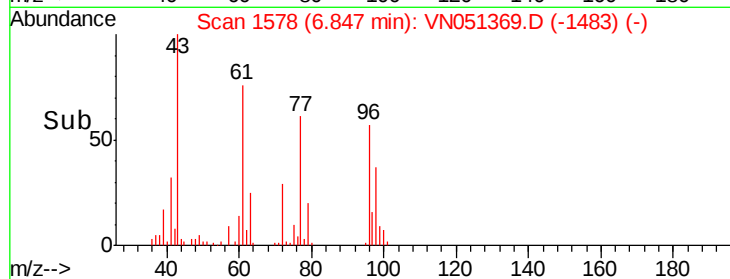
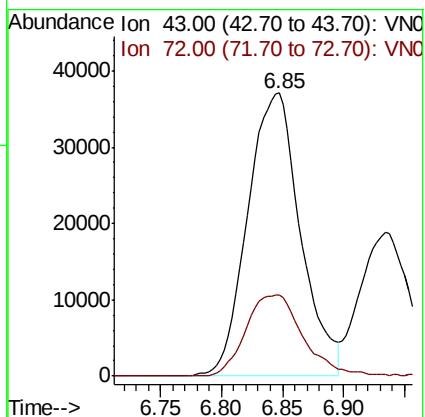
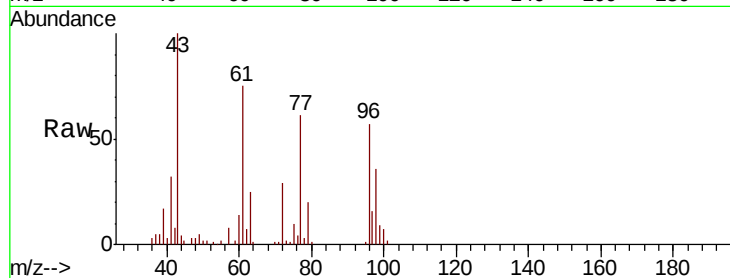
Acq: 21 Sep 2018 15:21

Tot Ion: 43 Resp: 111404

Ion Ratio Lower Upper

43 100

72 28.8 24.7 37.1



#26

2,2-Dichloropropane

Concen: 21.042 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051369.D

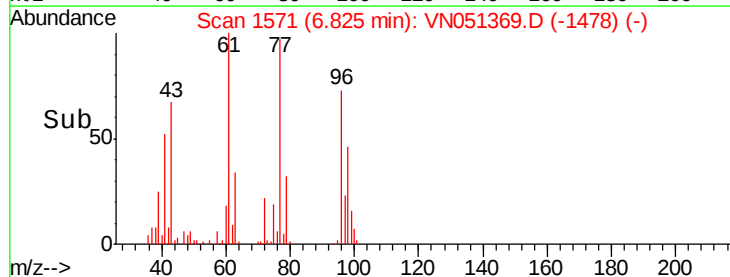
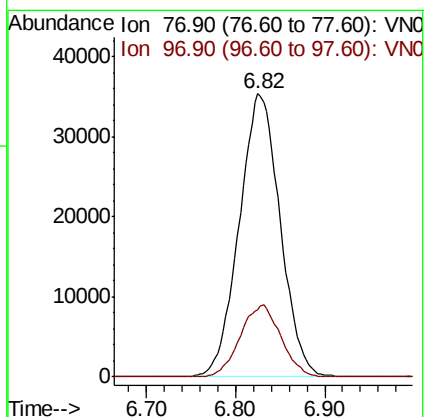
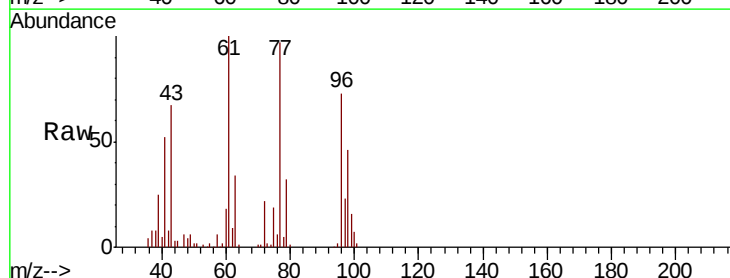
Acq: 21 Sep 2018 15:21

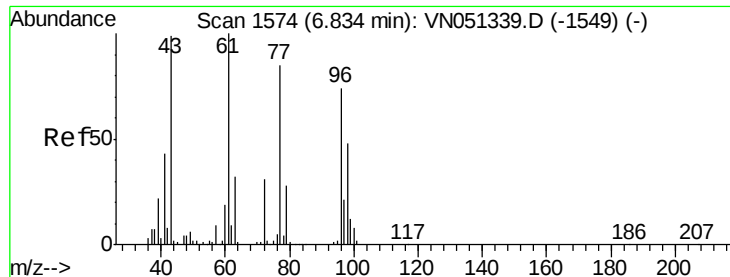
Tgt Ion: 77 Resp: 112797

Ion Ratio Lower Upper

77 100

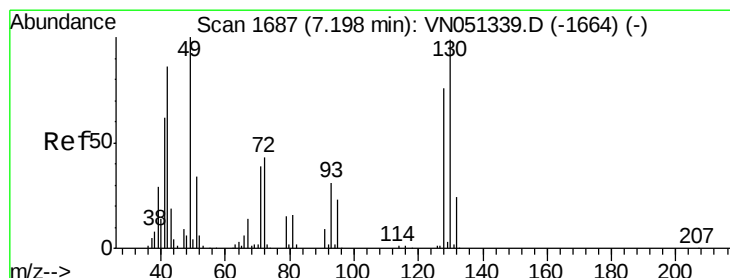
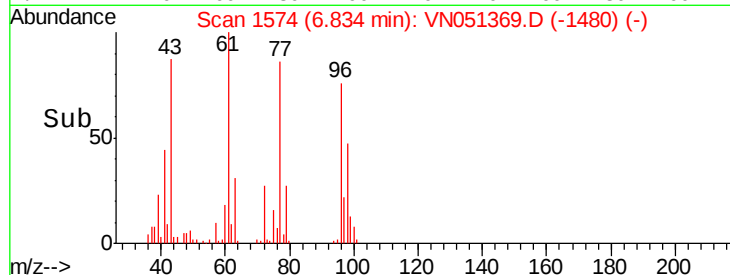
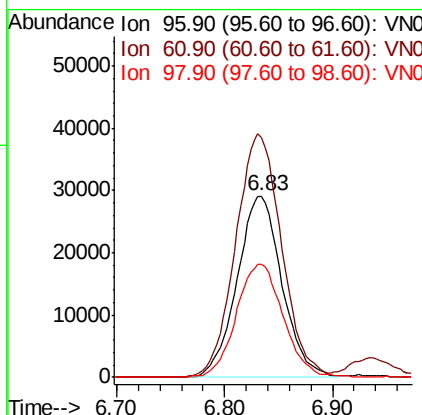
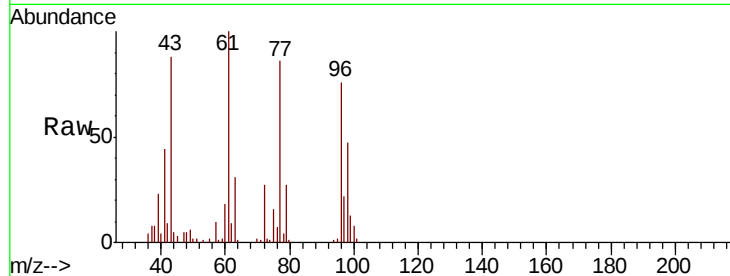
97 25.2 12.2 36.6





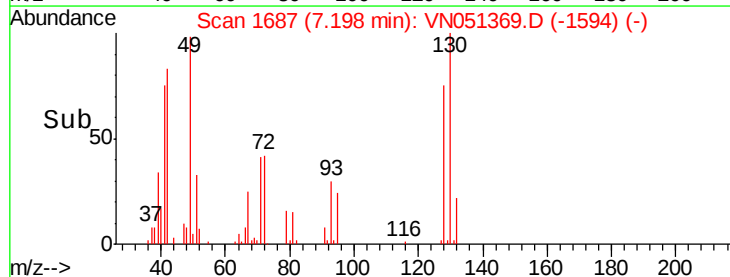
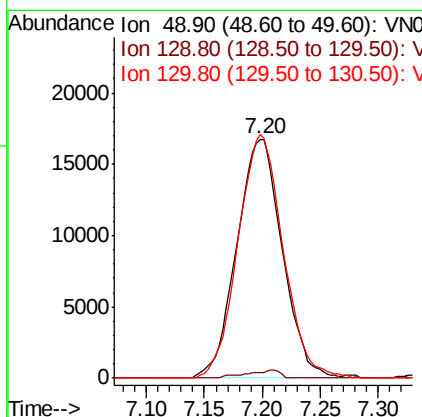
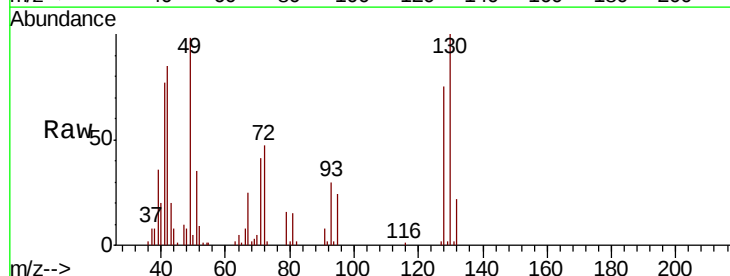
#27
 cis-1,2-Dichloroethene
 Concen: 20.990 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

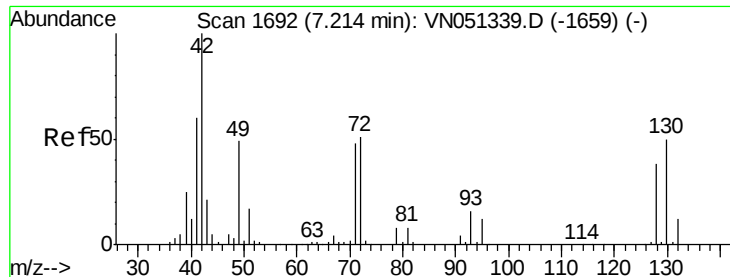
Tot Ion	96	Resp	83972
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	271.2
98	65.5	0.0	131.2



#28
 Bromochloromethane
 Concen: 17.072 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tgt Ion	49	Resp	45902
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	100.7	77.4	116.2





#29

Tetrahydrofuran

Concen: 102.281 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

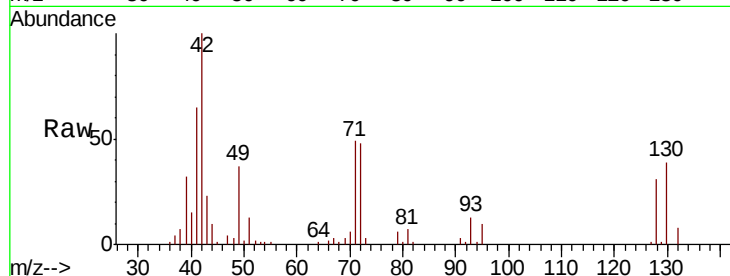
Tot Ion: 42 Resp: 73330

Ion Ratio Lower Upper

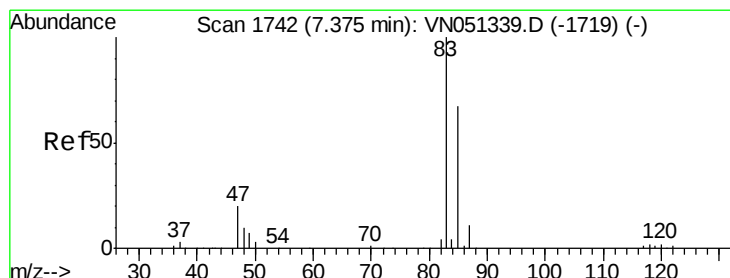
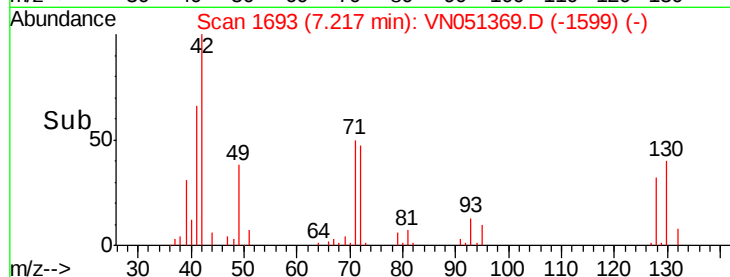
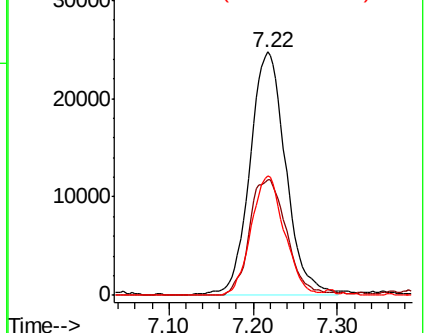
42 100

72 48.9 39.0 58.4

71 45.5 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



#30

Chloroform

Concen: 21.485 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051369.D

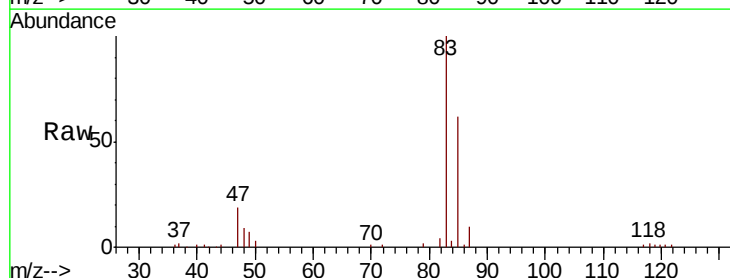
Acq: 21 Sep 2018 15:21

Tgt Ion: 83 Resp: 146484

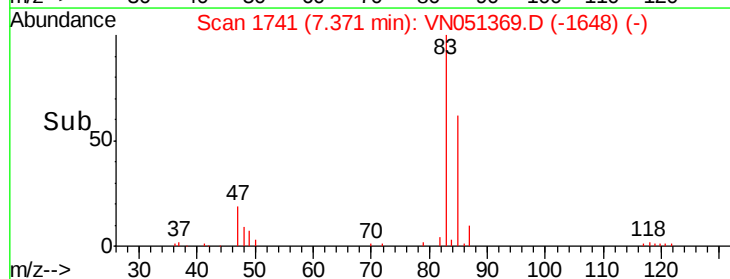
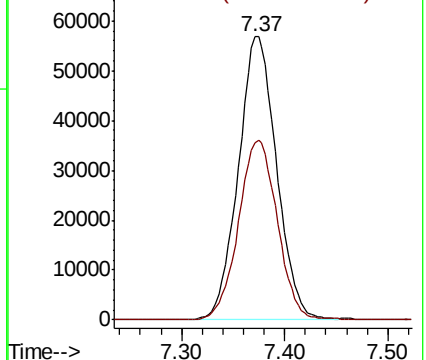
Ion Ratio Lower Upper

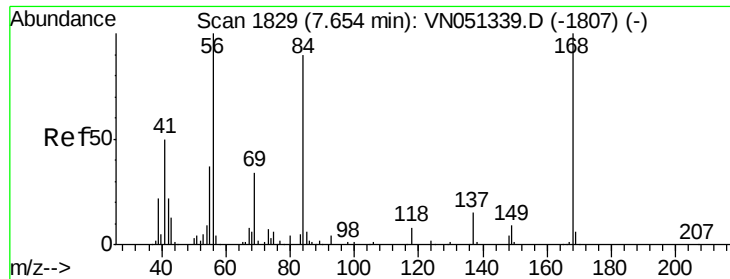
83 100

85 62.4 53.2 79.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.176 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

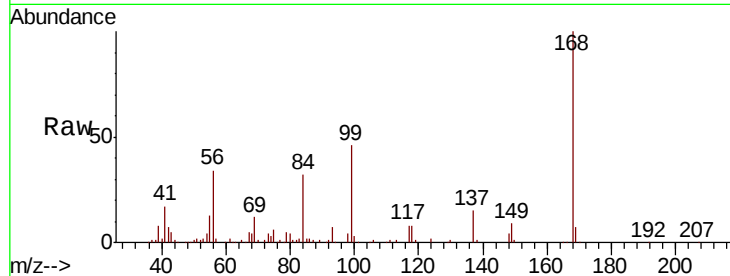
Tot Ion: 56 Resp: 111049

Ion Ratio Lower Upper

56 100

69 36.1 27.3 40.9

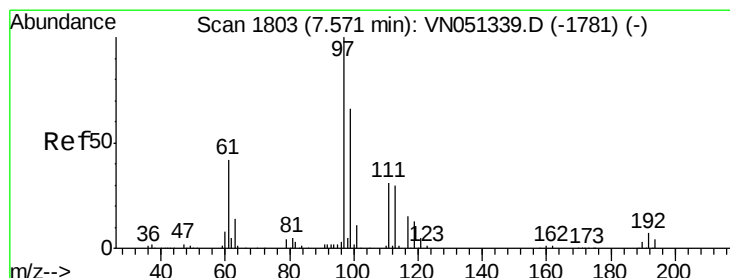
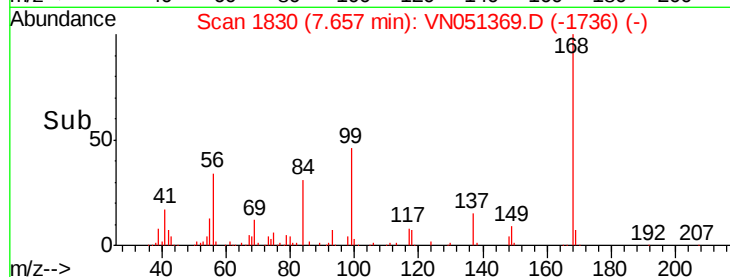
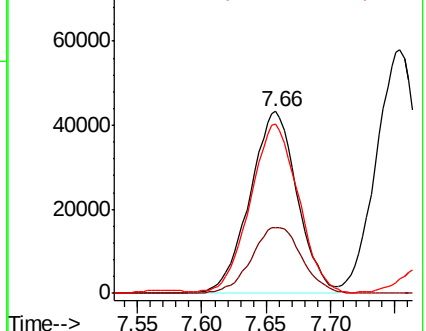
84 91.6 72.2 108.2



Abundance Ion 56.00 (55.70 to 56.70): VN051339.D (-1807) (-)

Ion 69.00 (68.70 to 69.70): VN051339.D (-1807) (-)

Ion 84.00 (83.70 to 84.70): VN051339.D (-1807) (-)



#32

1,1,1-Trichloroethane

Concen: 21.474 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

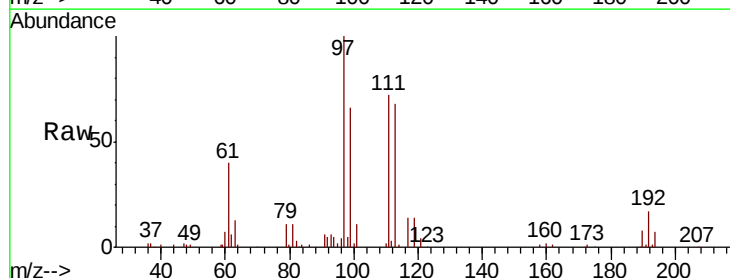
Tgt Ion: 97 Resp: 126145

Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

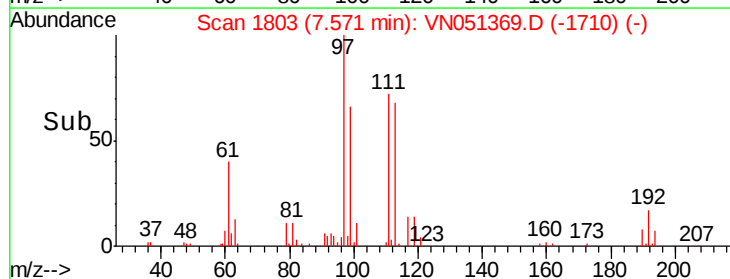
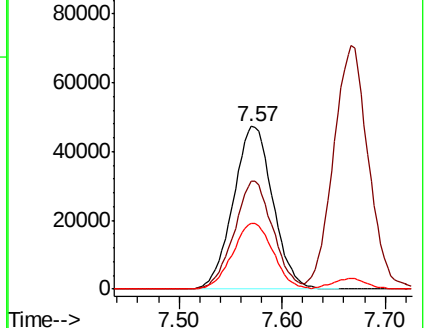
61 41.4 33.2 49.8

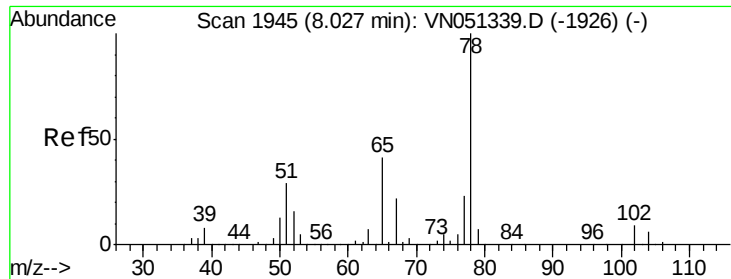


Abundance Ion 96.90 (96.60 to 97.60): VN051339.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1781) (-)

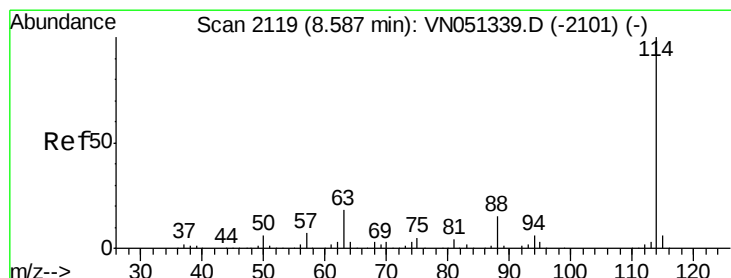
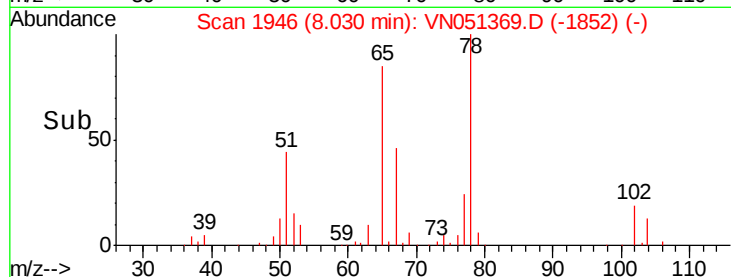
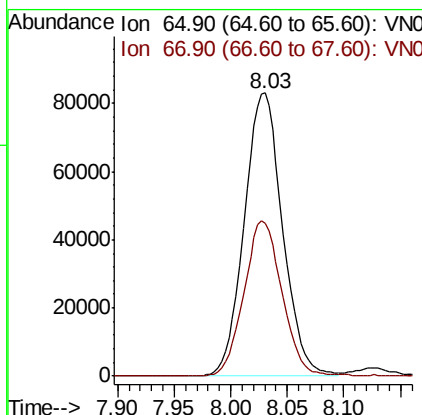
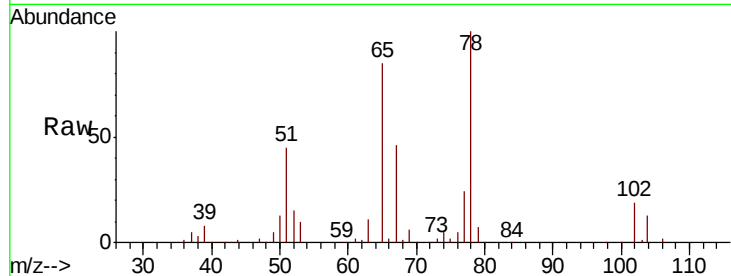
Ion 60.90 (60.60 to 61.60): VN051339.D (-1781) (-)





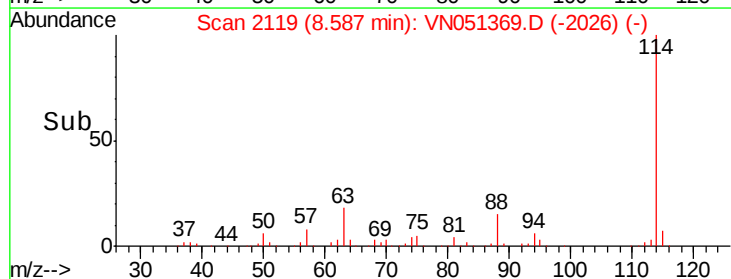
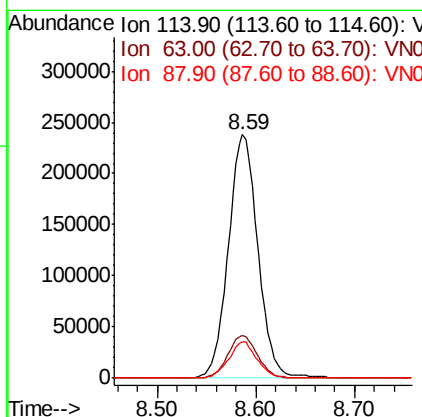
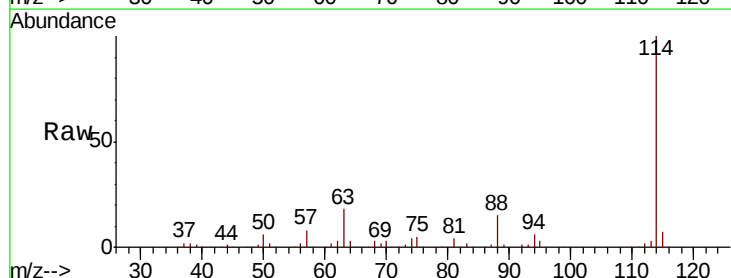
#33
 1,2-Dichloroethane-d4
 Concen: 49.471 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

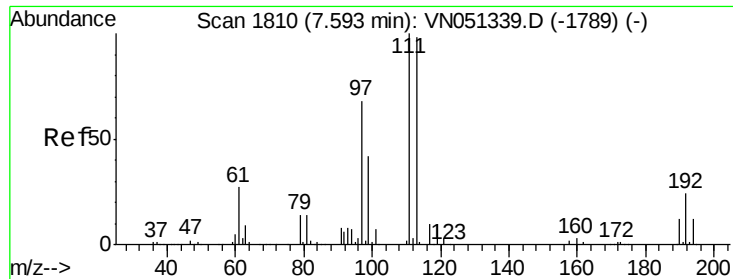
Tot Ion: 65 Resp: 195940
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

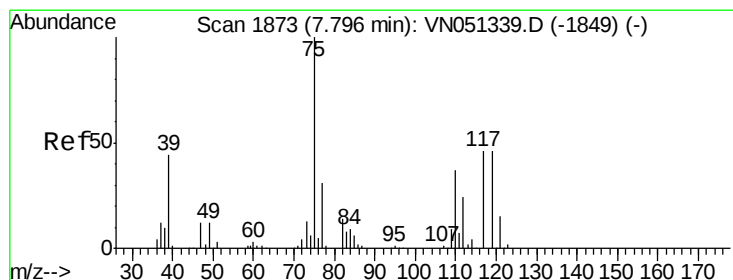
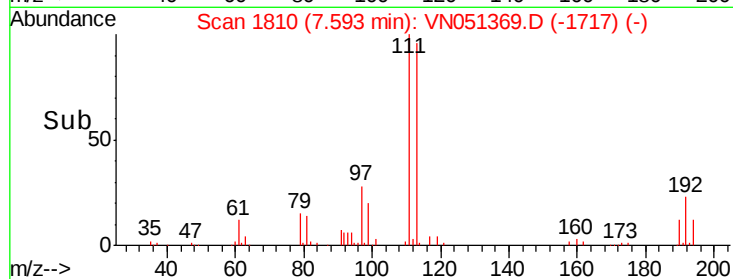
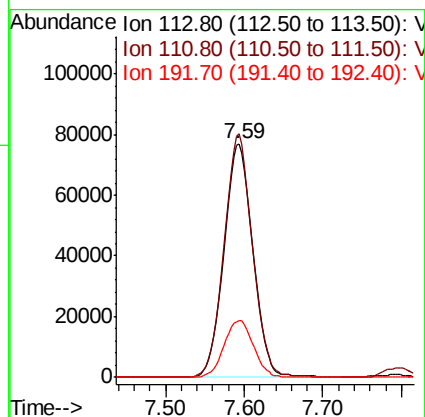
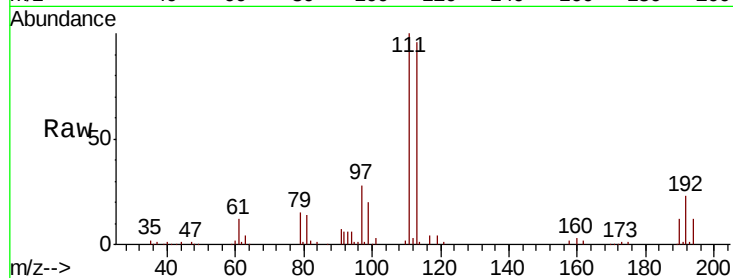
Tgt Ion: 114 Resp: 496892
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.6
 88 15.1 0.0 29.8





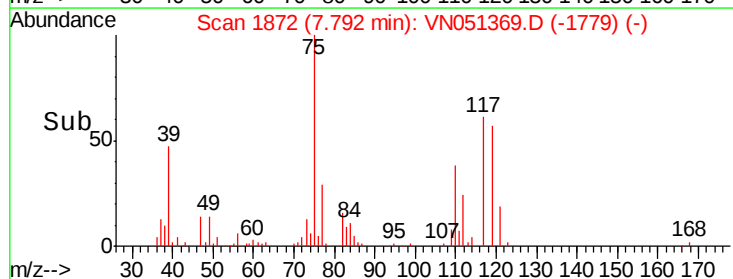
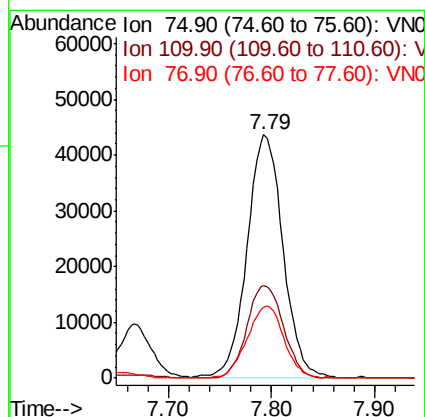
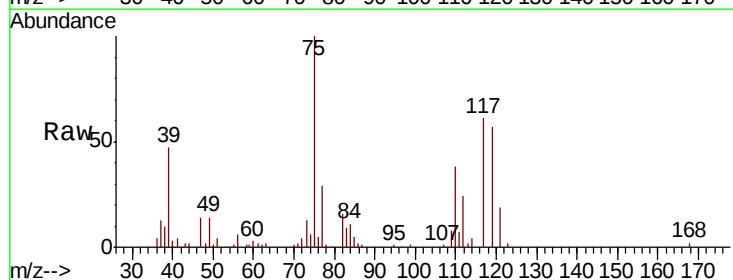
#35
 Dibromofluoromethane
 Concen: 48.671 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

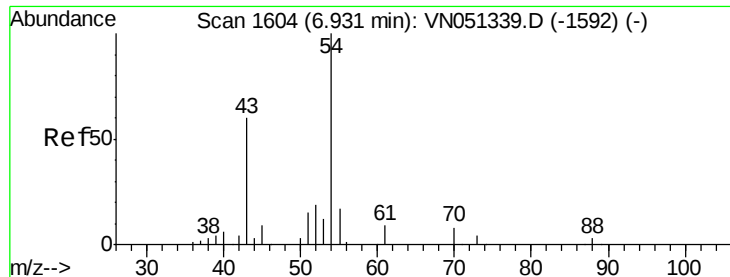
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	24.6	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 20.806 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

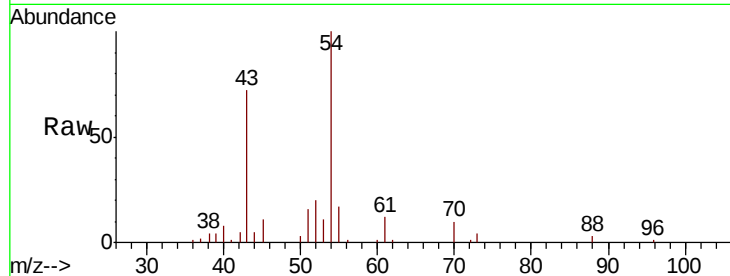
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.9	56.5
77	30.6	25.4	38.2



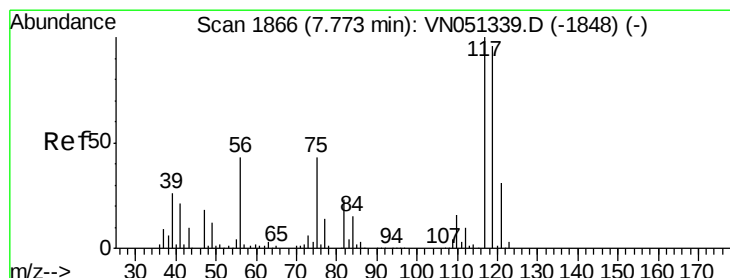
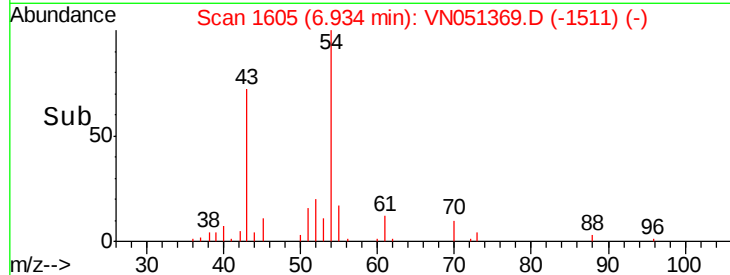
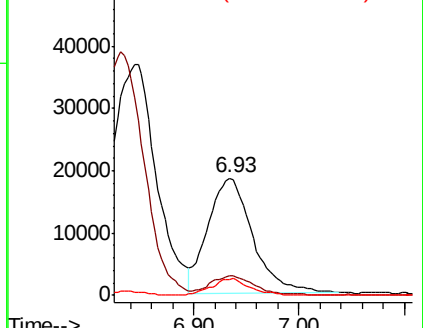


#37
Ethyl Acetate
Concen: 21.730 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.6	20.4
70	12.3	9.4	14.2

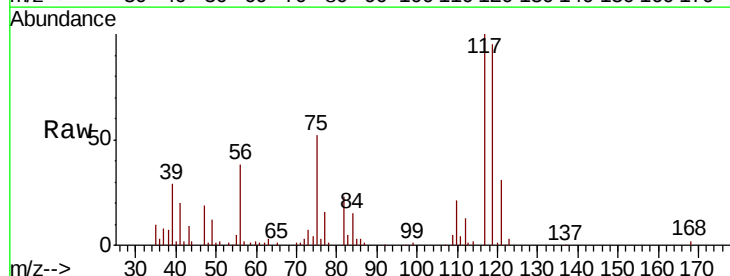


Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1592) (-)

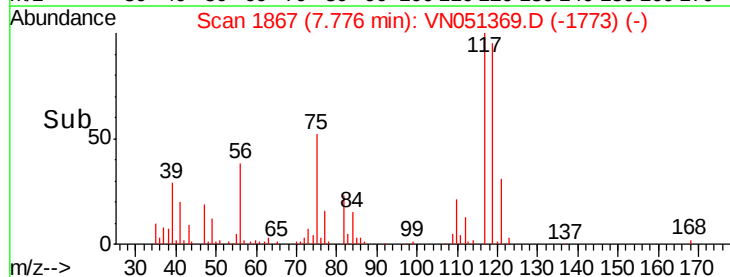
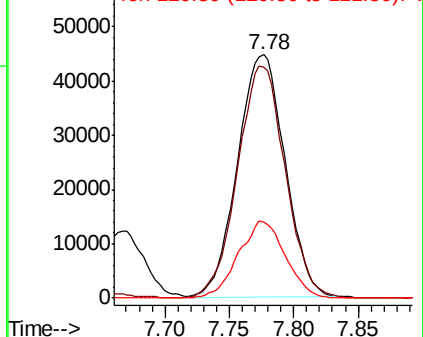


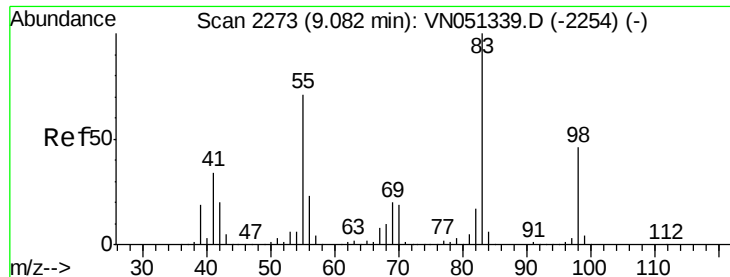
#38
Carbon Tetrachloride
Concen: 20.855 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
121	31.3	25.0	37.4



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





#39

Methvlcvclohexane

Concen: 19.067 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

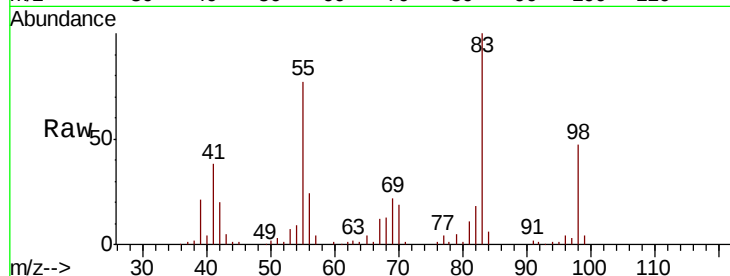
Tot Ion: 83 Resp: 113102

Ion Ratio Lower Upper

83 100

55 76.6 56.5 84.7

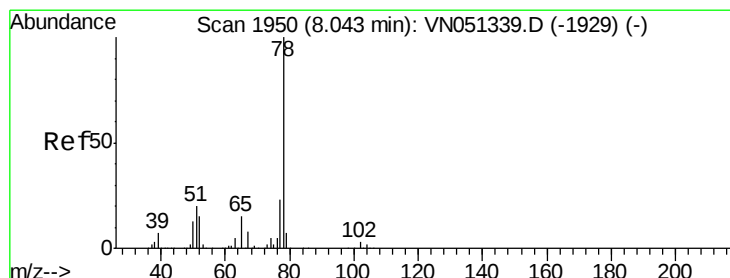
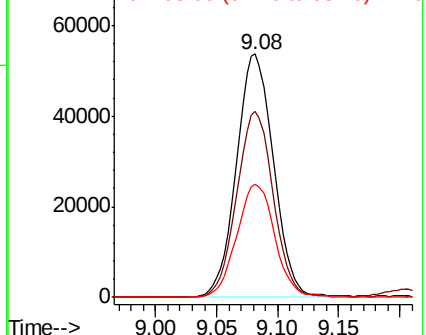
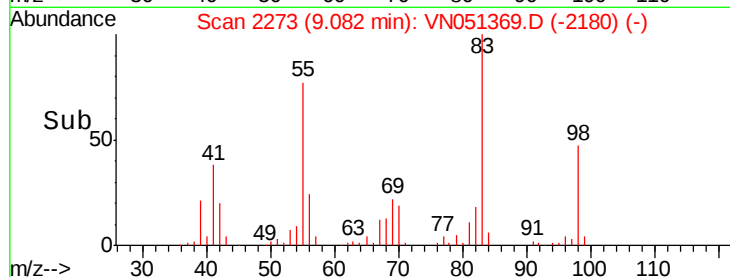
98 46.5 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 21.130 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051369.D

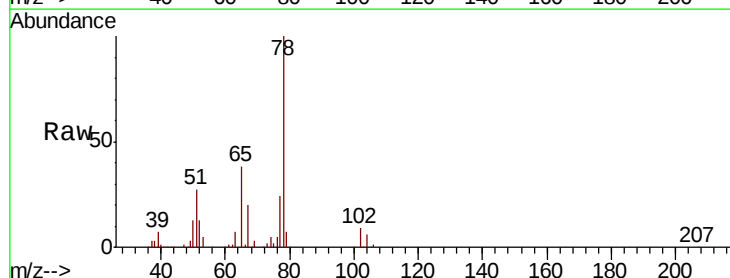
Acq: 21 Sep 2018 15:21

Tgt Ion: 78 Resp: 323599

Ion Ratio Lower Upper

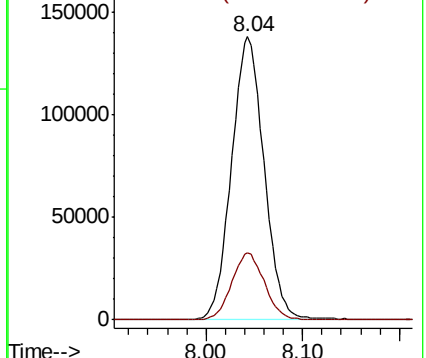
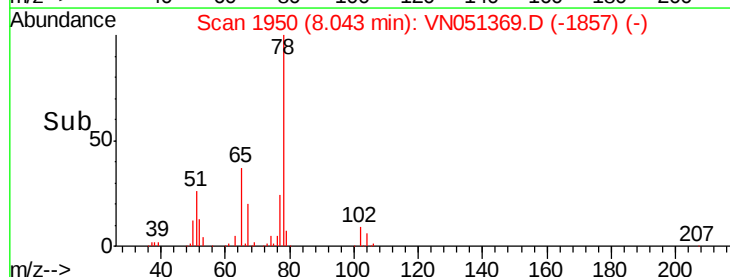
78 100

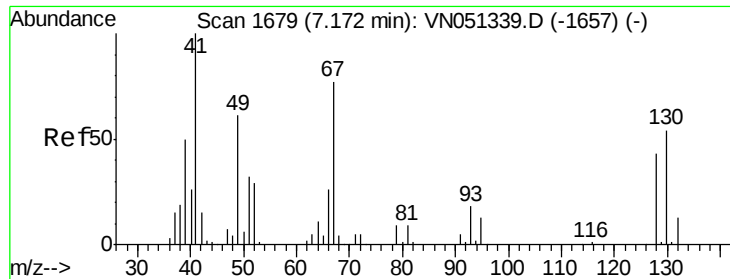
77 23.7 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 19.226 ug/l

RT: 7.18 min Scan# 1680

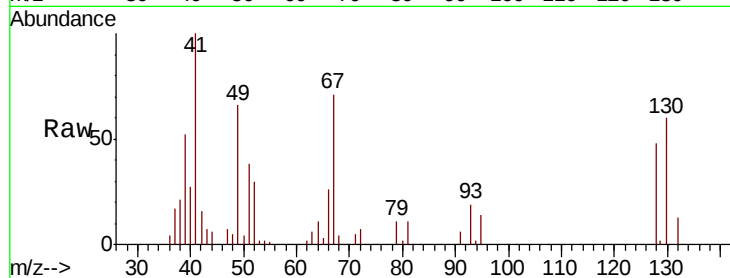
Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tot Ion: 41 Resp: 25202

Ion	Ratio	Lower	Upper
41	100		
39	49.5	51.3	76.9#
67	102.3	77.0	115.4
52	42.0	30.4	45.6



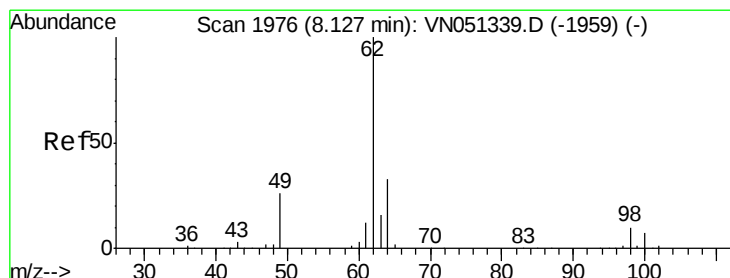
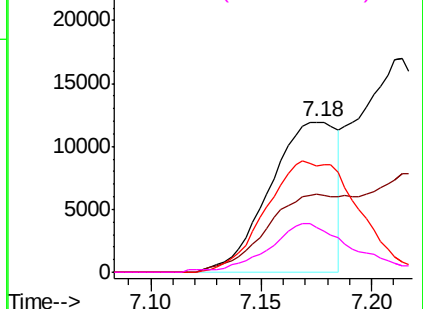
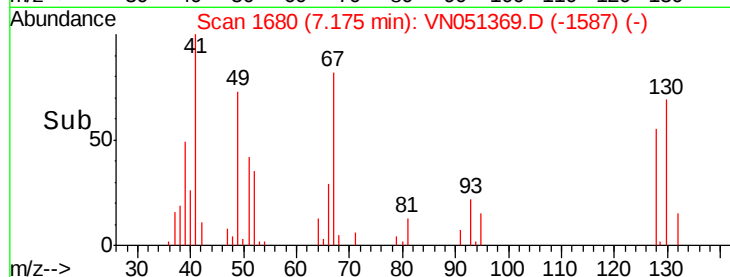
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 21.156 ug/l

RT: 8.13 min Scan# 1976

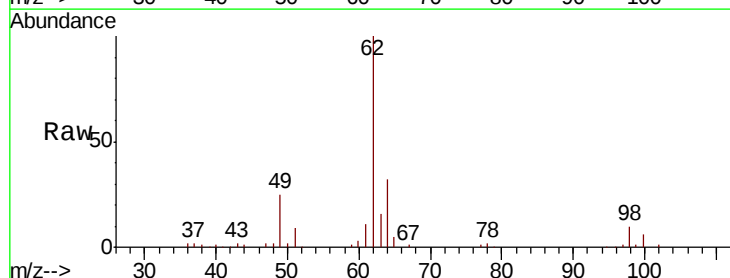
Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tgt Ion: 62 Resp: 97871

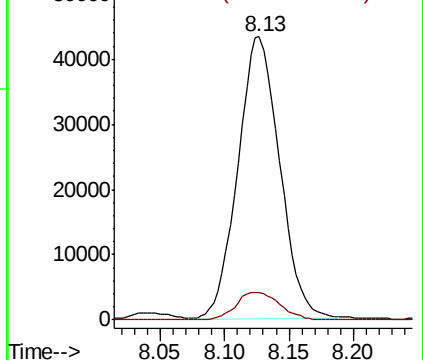
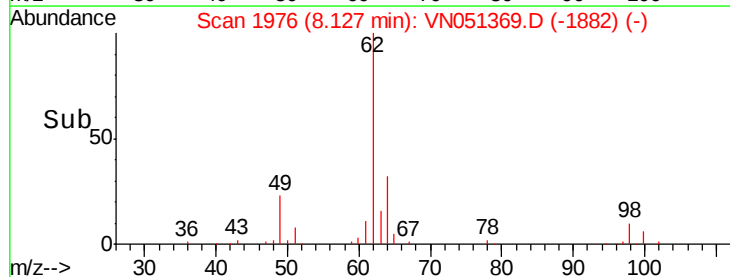
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6

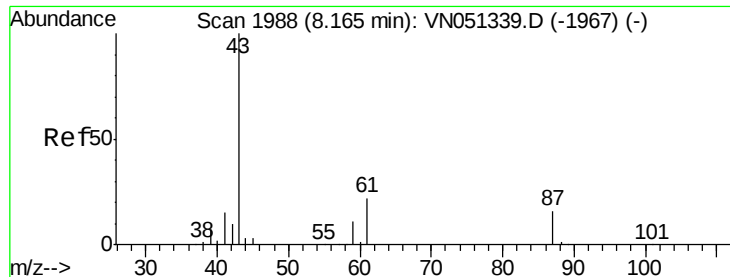


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 21.699 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

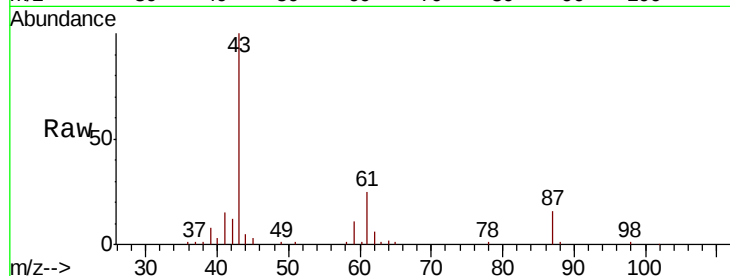
Tot Ion: 43 Resp: 95621

Ion Ratio Lower Upper

43 100

61 23.3 18.1 27.1

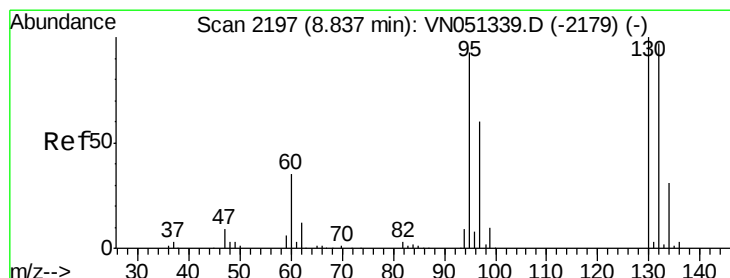
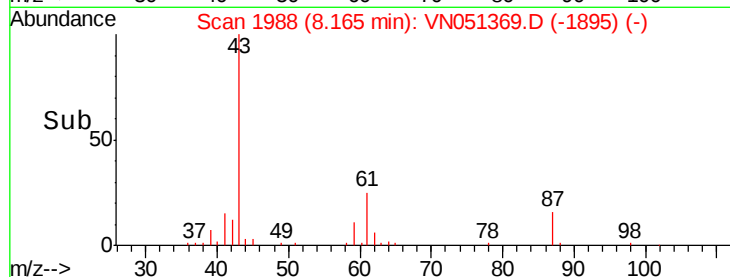
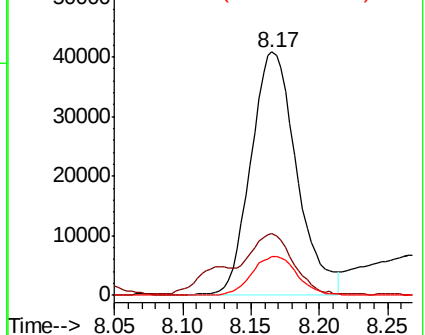
87 15.6 12.8 19.2



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



#44

Trichloroethene

Concen: 20.591 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051369.D

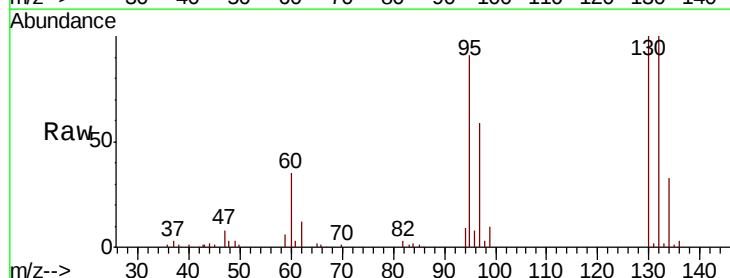
Acq: 21 Sep 2018 15:21

Tgt Ion:130 Resp: 90523

Ion Ratio Lower Upper

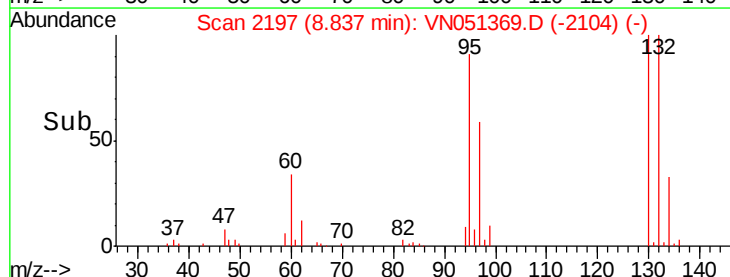
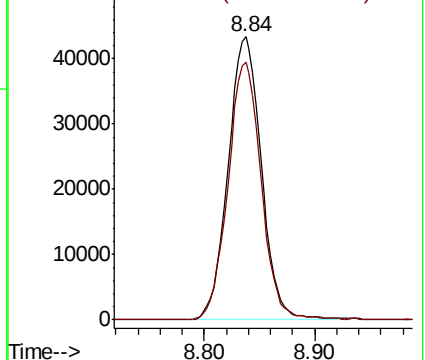
130 100

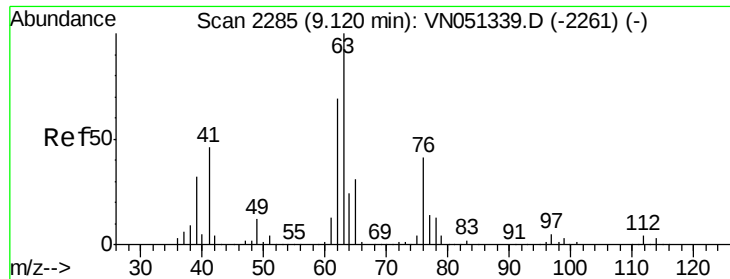
95 91.0 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): VN051339.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051339.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 21.238 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051369.D

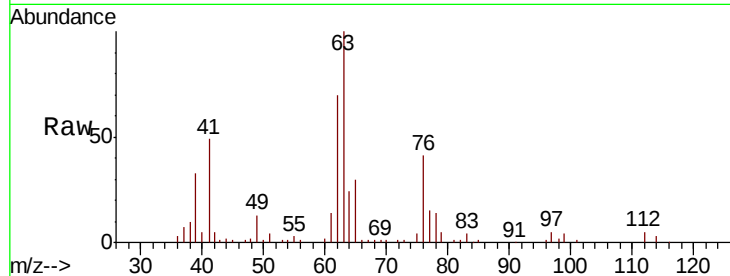
Acq: 21 Sep 2018 15:21

Tot Ion: 63 Resp: 83229

Ion Ratio Lower Upper

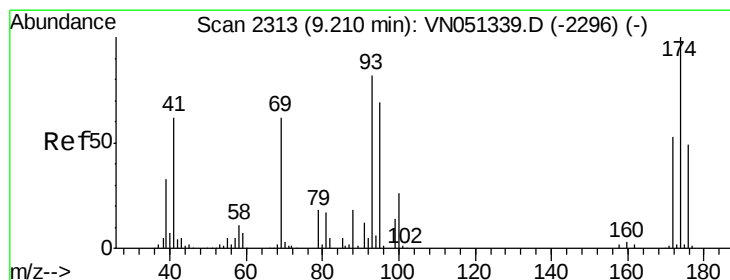
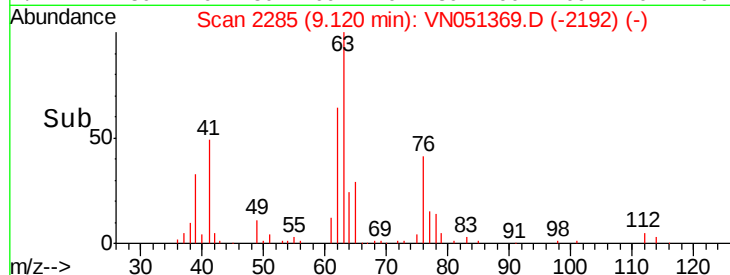
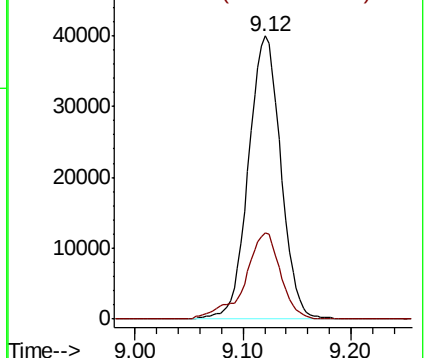
63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.359 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

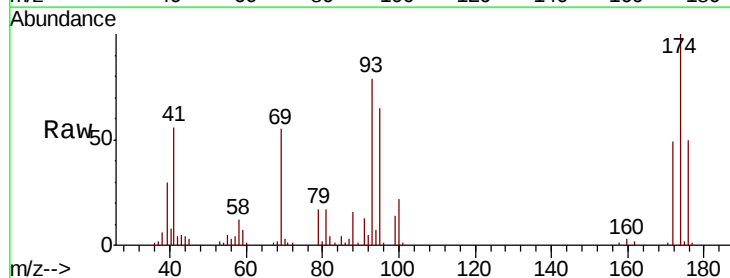
Tgt Ion: 93 Resp: 51600

Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

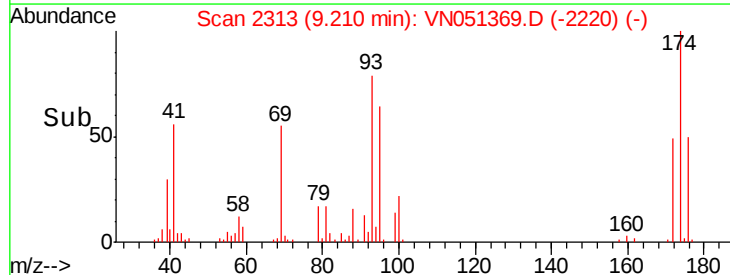
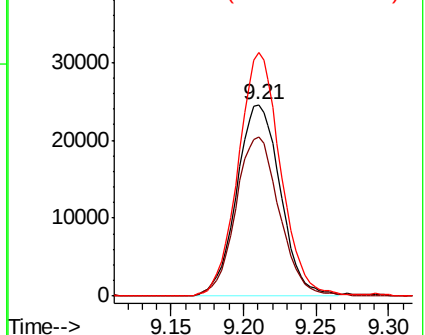
174 122.9 98.9 148.3

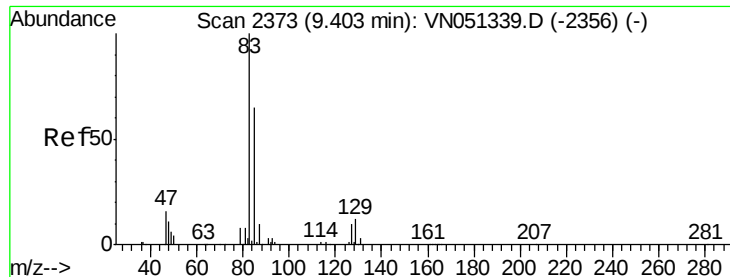


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.191 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

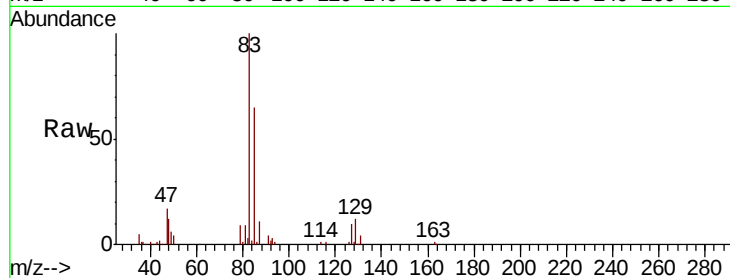
Tot Ion: 83 Resp: 104044

Ion Ratio Lower Upper

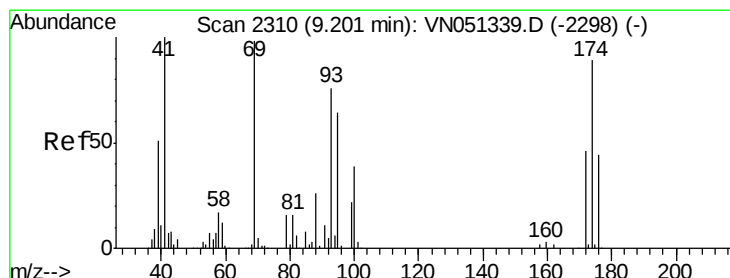
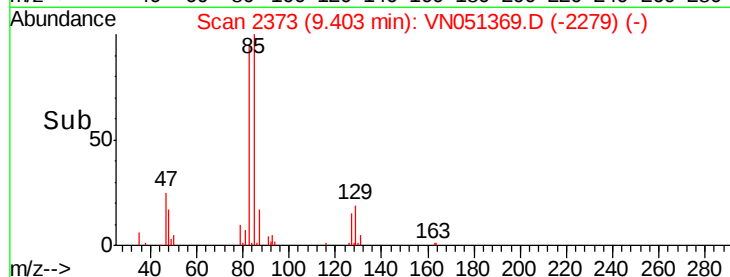
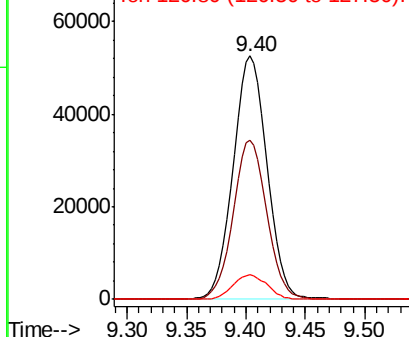
83 100

85 65.5 51.6 77.4

127 10.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 20.062 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

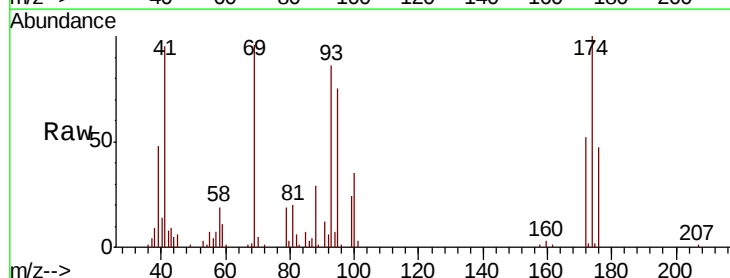
Tgt Ion: 41 Resp: 45070

Ion Ratio Lower Upper

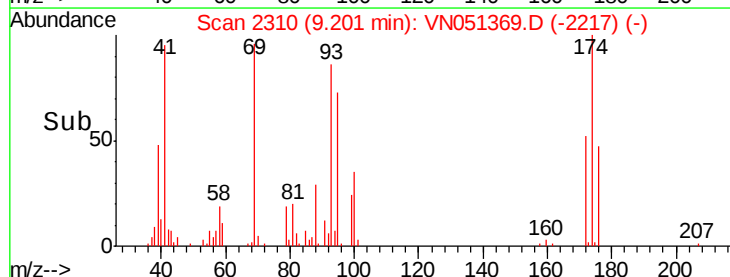
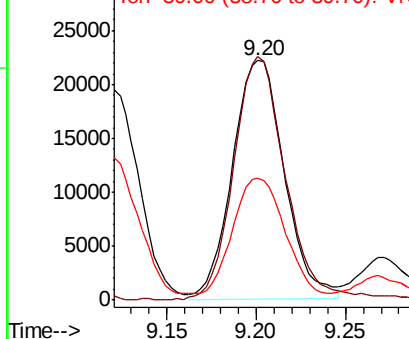
41 100

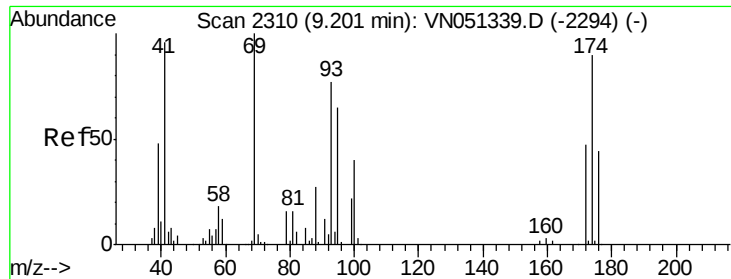
69 102.6 79.4 119.0

39 51.8 43.0 64.6



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 420.580 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

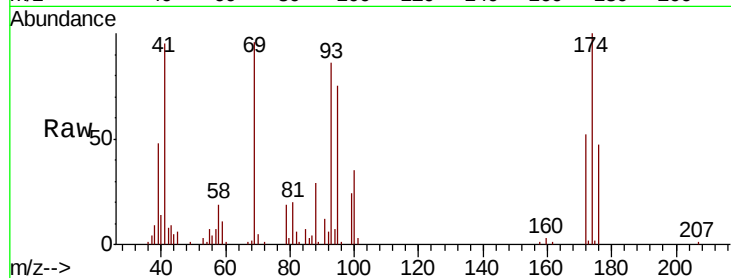
Tot Ion: 88 Resp: 13973

Ion Ratio Lower Upper

88 100

43 27.0 23.5 35.3

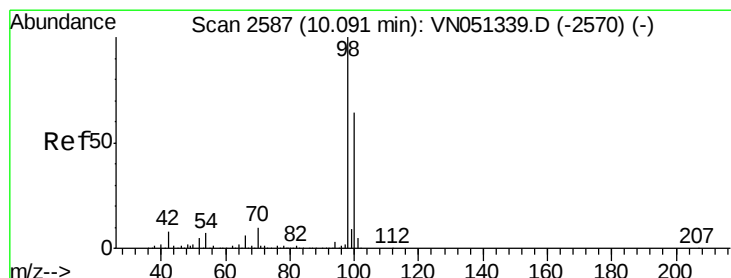
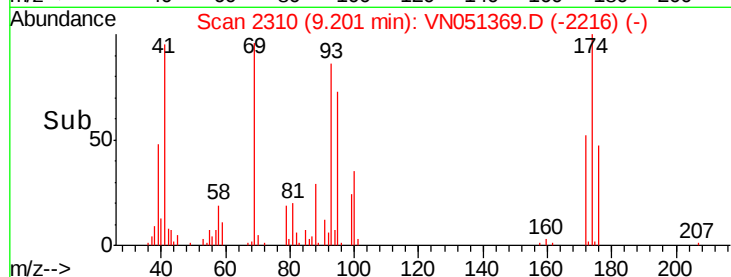
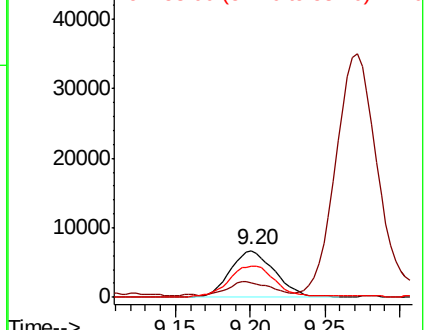
58 69.2 52.1 78.1



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 46.398 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051369.D

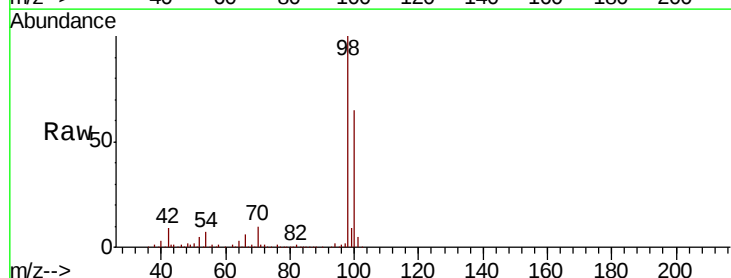
Acq: 21 Sep 2018 15:21

Tgt Ion: 98 Resp: 716244

Ion Ratio Lower Upper

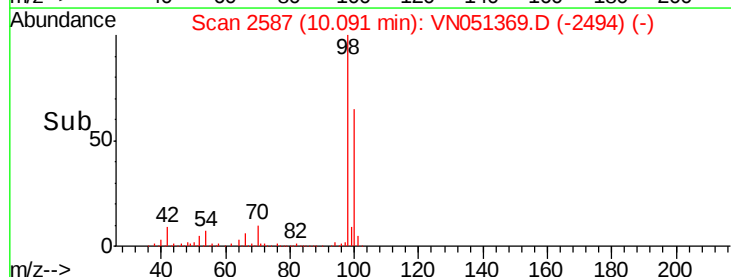
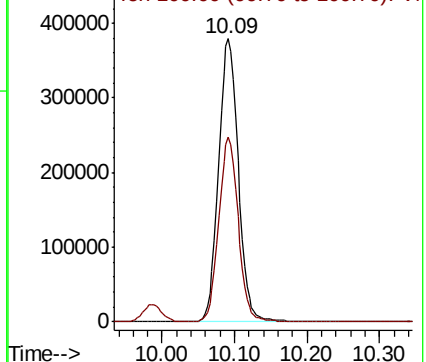
98 100

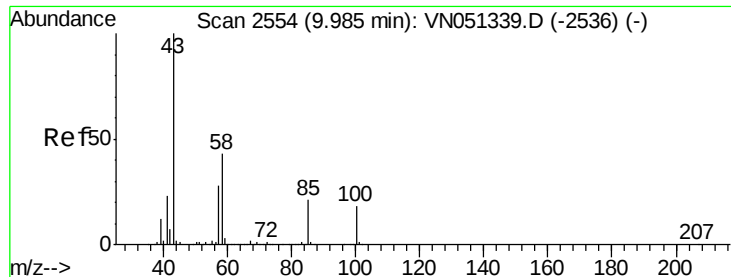
100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 107.453 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051369.D

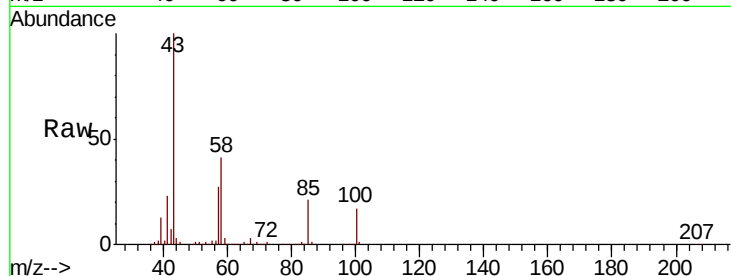
Acq: 21 Sep 2018 15:21

Tot Ion: 43 Resp: 254706

Ion Ratio Lower Upper

43 100

58 41.5 34.2 51.4



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-2536) (-)

9.99

150000

100000

50000

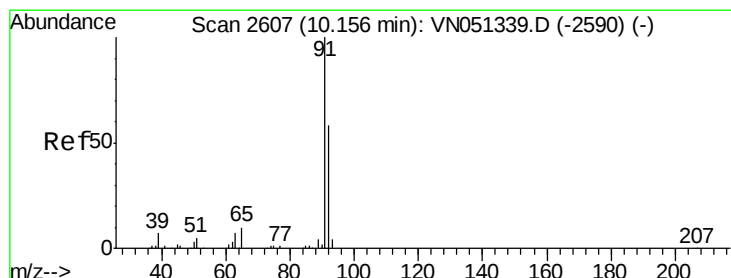
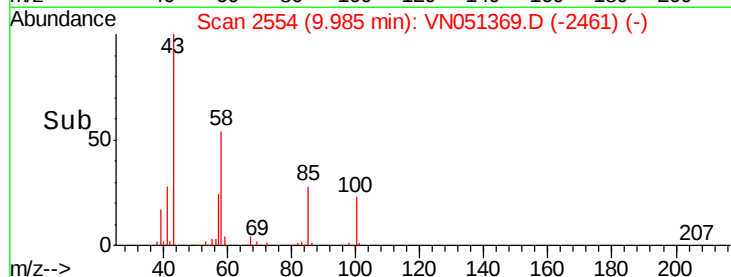
0

Time-->

9.90

10.00

10.10



#52

Toluene

Concen: 21.669 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051369.D

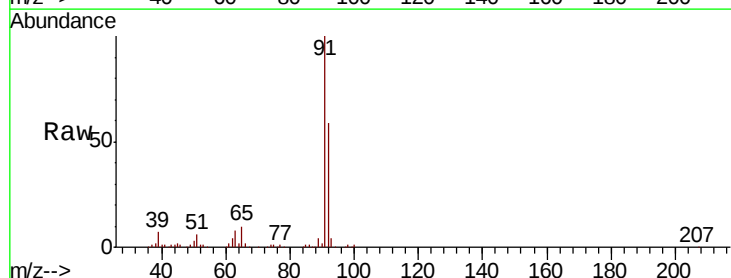
Acq: 21 Sep 2018 15:21

Tgt Ion: 92 Resp: 204342

Ion Ratio Lower Upper

92 100

91 175.3 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN051339.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051339.D (-2590) (-)

10.16

200000

150000

100000

50000

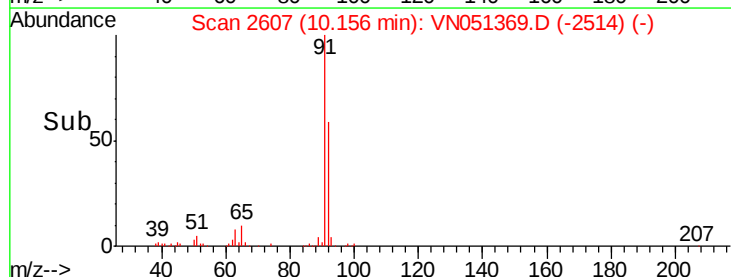
0

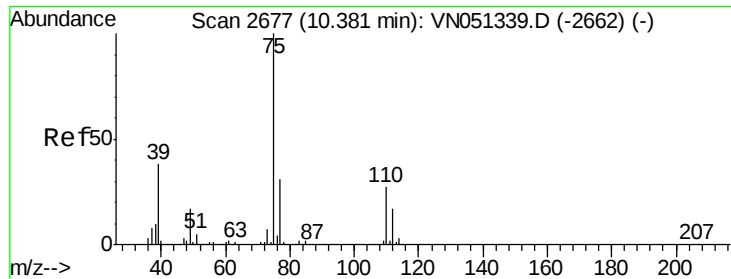
Time-->

10.10

10.20

10.30

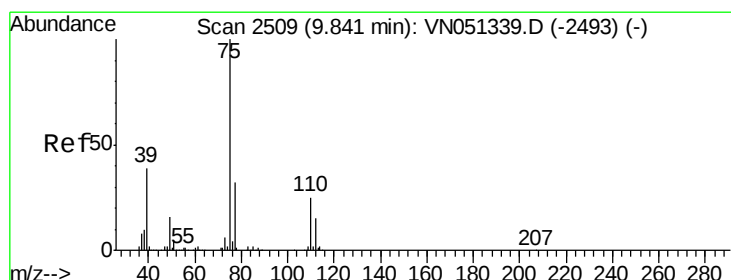
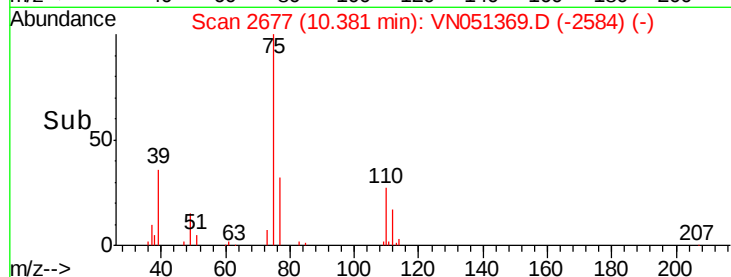
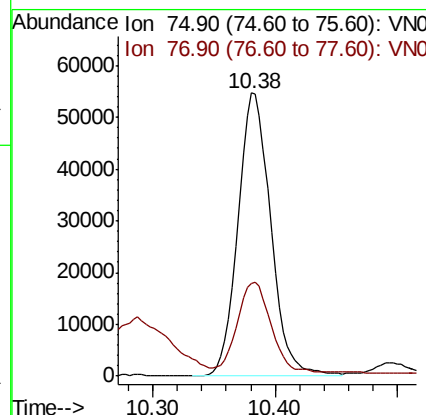
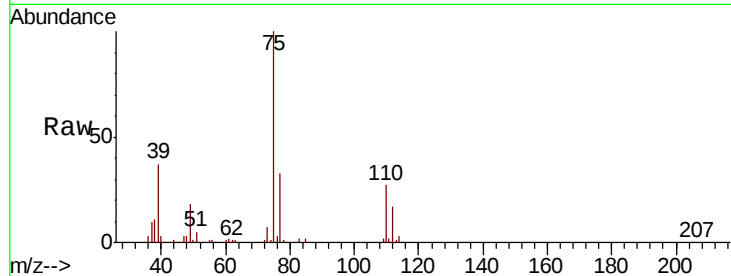




#53
t-1,3-Dichloropropene
Concen: 20.634 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion: 75 Resp: 102089

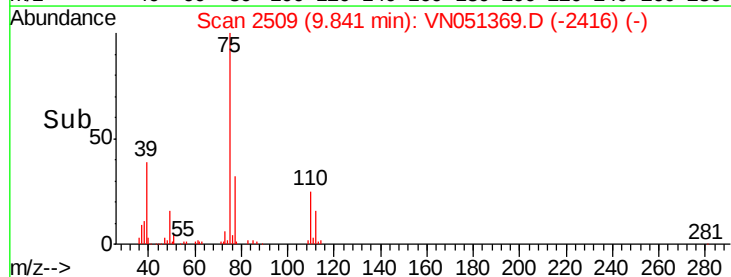
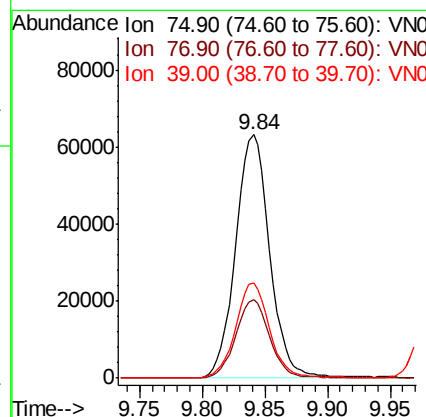
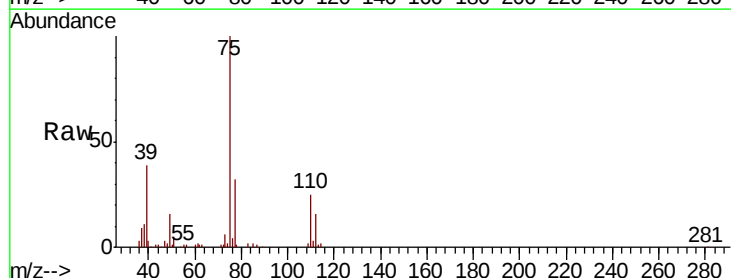
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

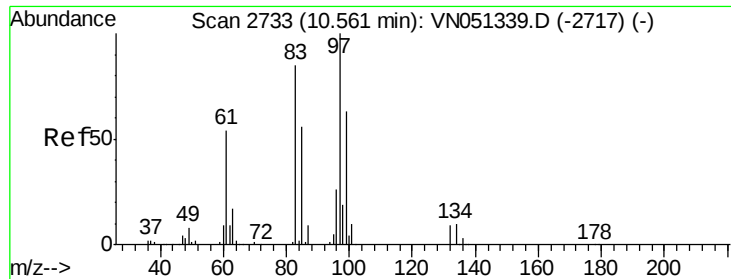


#54
cis-1,3-Dichloropropene
Concen: 20.857 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion: 75 Resp: 119482

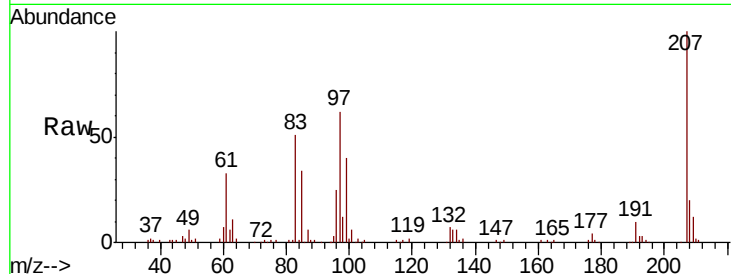
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8
39	39.0	31.0	46.4





#55
 1,1,2-Trichloroethane
 Concen: 21.663 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tot Ion:	97	Resp:	76624
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.1	102.1
85	55.1	44.6	66.8
99	63.7	50.2	75.4



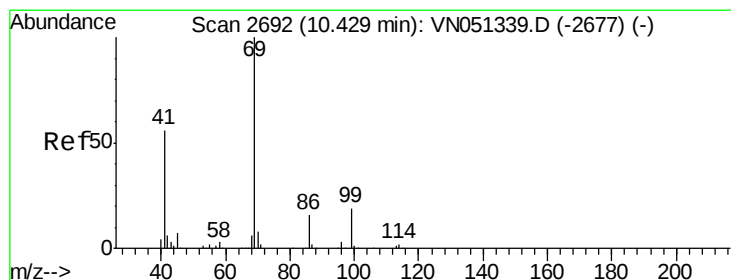
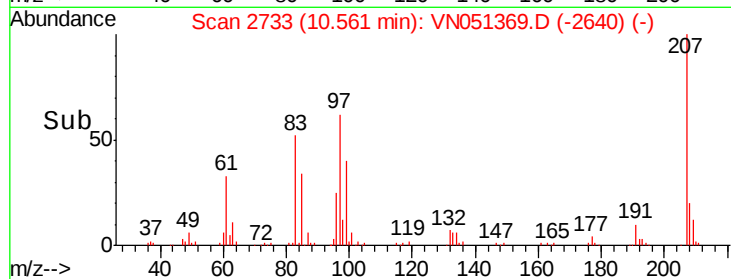
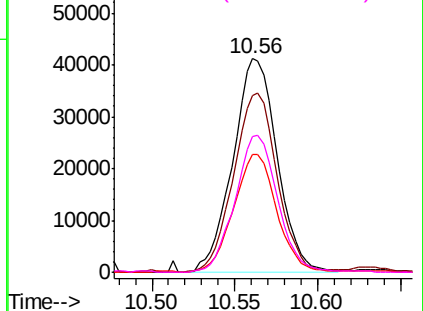
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

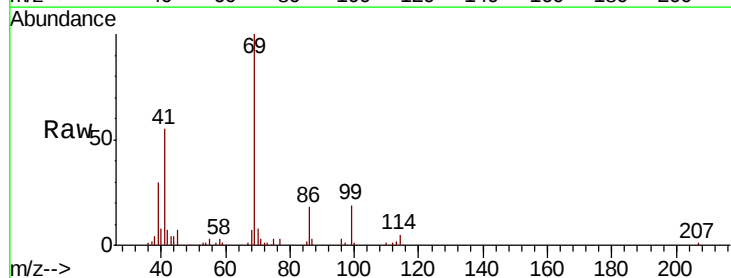
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 18.754 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tgt Ion:	69	Resp:	75861
Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.1	67.7
39	29.5	23.4	35.2

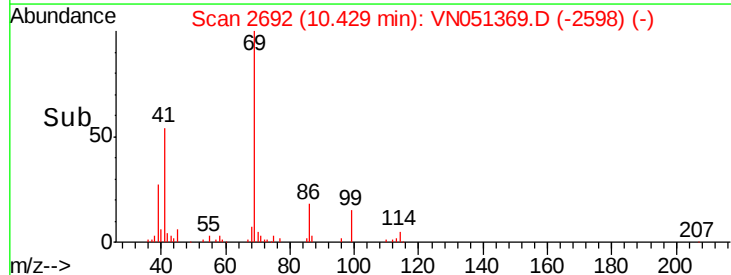
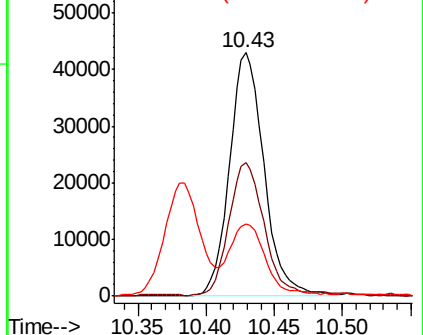


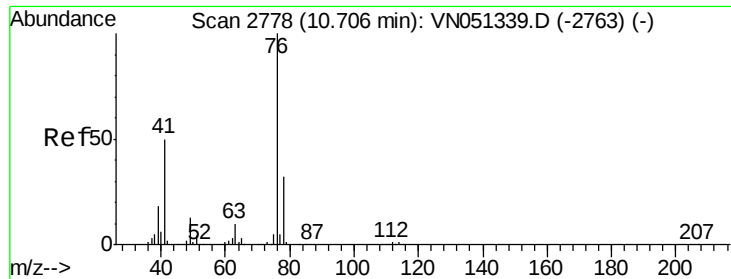
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

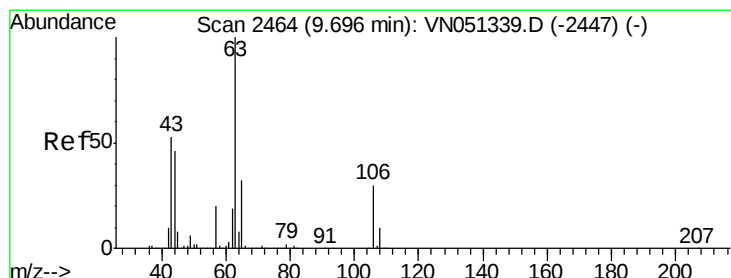
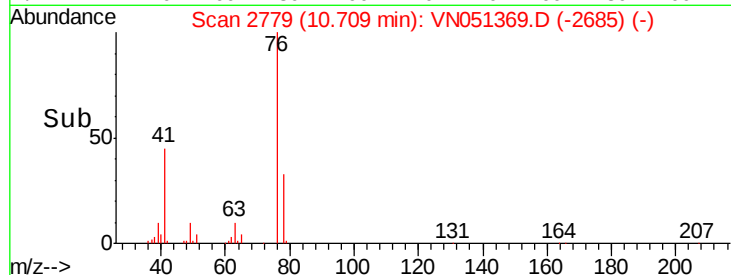
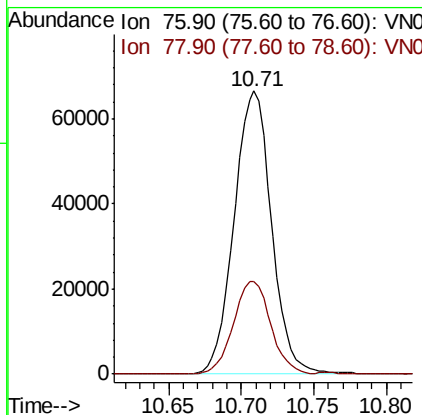
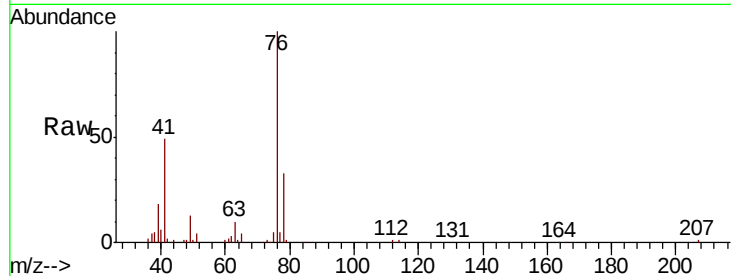
Ion 39.00 (38.70 to 39.70): VNO





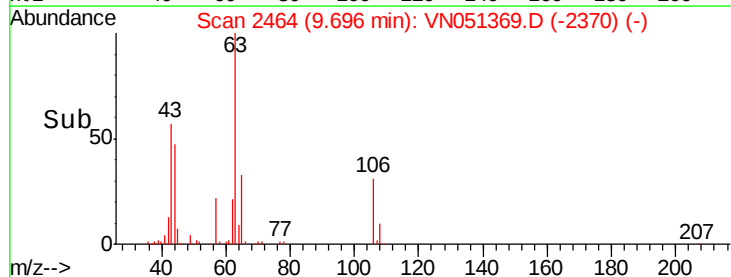
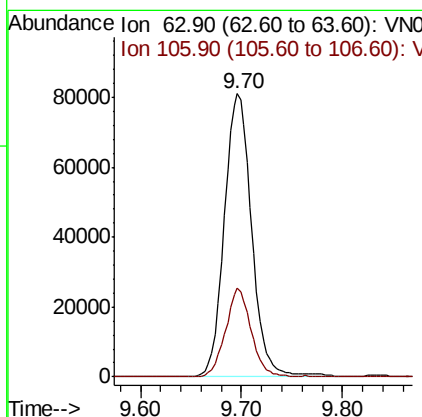
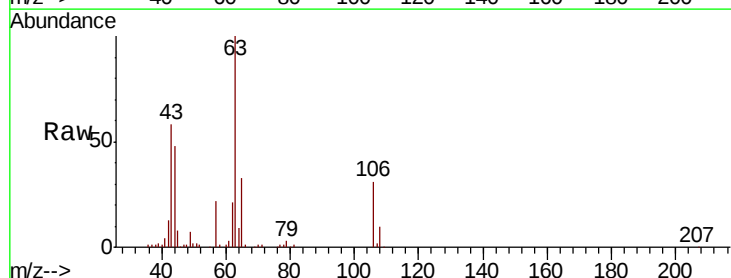
#57
 1,3-Dichloropropane
 Concen: 21.368 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

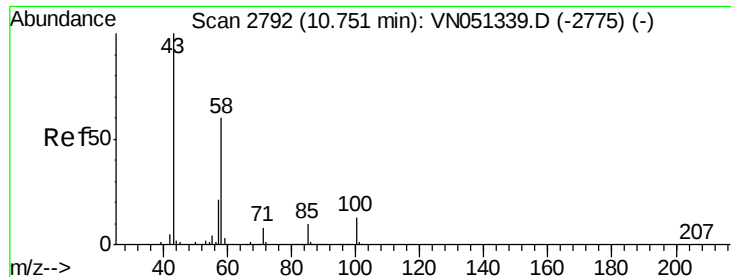
Tot Ion: 76 Resp: 119055
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 78.087 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

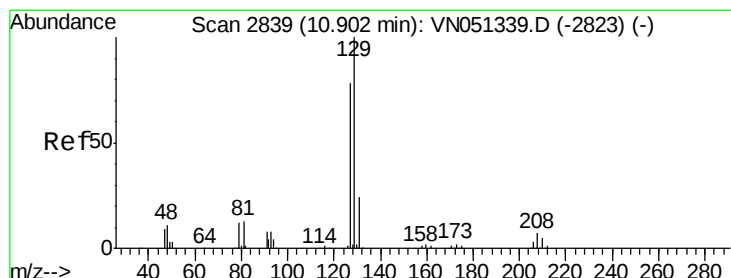
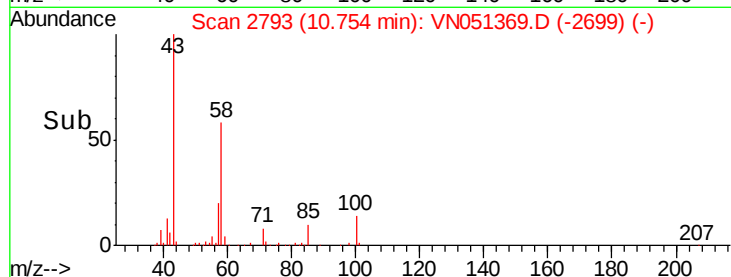
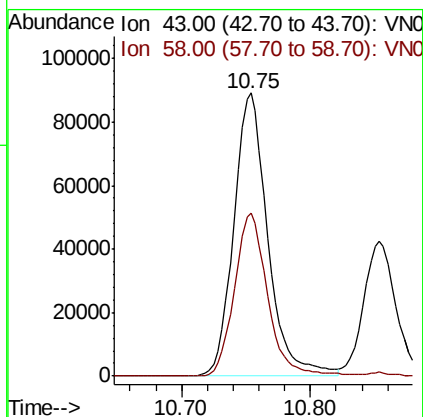
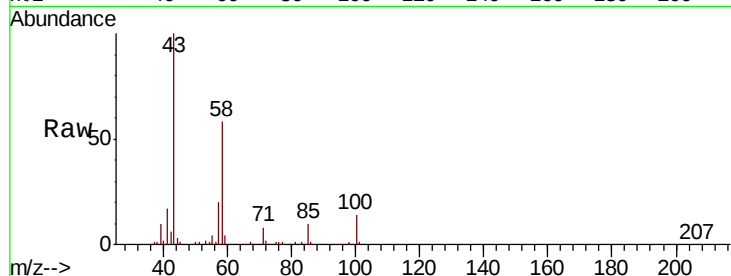
Tgt Ion: 63 Resp: 153692
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.7 35.5





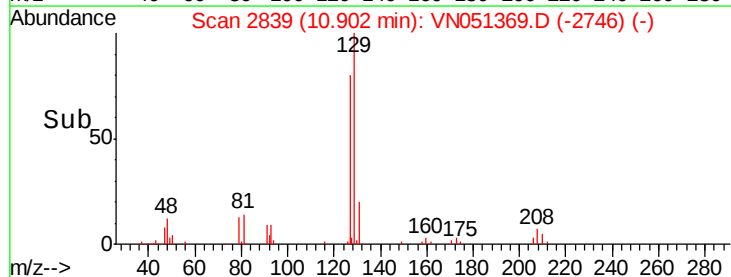
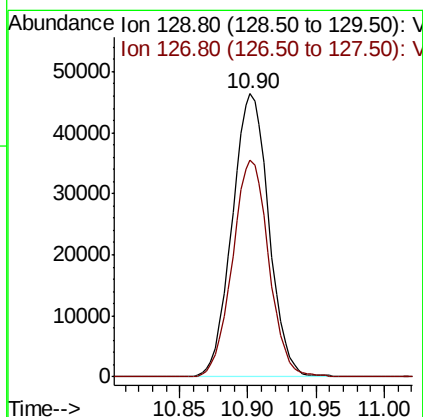
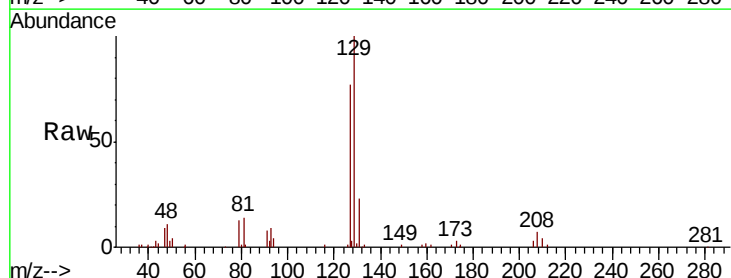
#59
2-Hexanone
Concen: 101.202 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

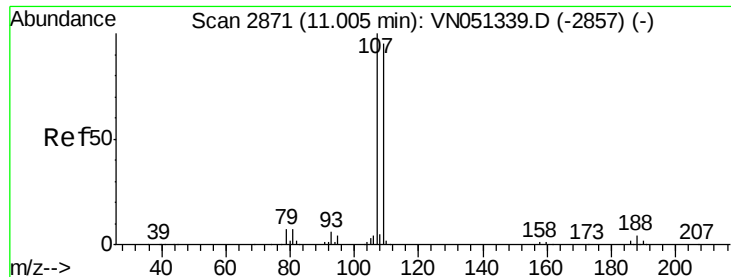
Tot Ion: 43 Resp: 161730
Ion Ratio Lower Upper
43 100
58 56.7 29.9 89.8



#60
Dibromochloromethane
Concen: 20.960 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion: 129 Resp: 86456
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.749 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051369.D

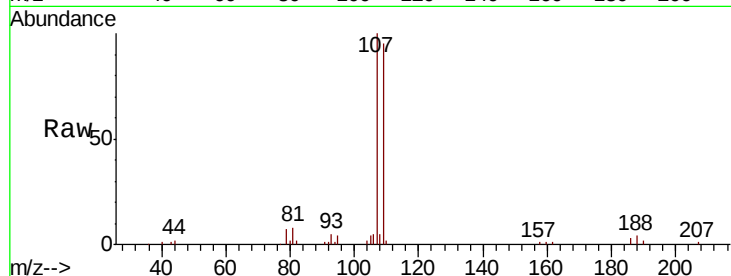
Acq: 21 Sep 2018 15:21

Tot Ion: 107 Resp: 70557

Ion Ratio Lower Upper

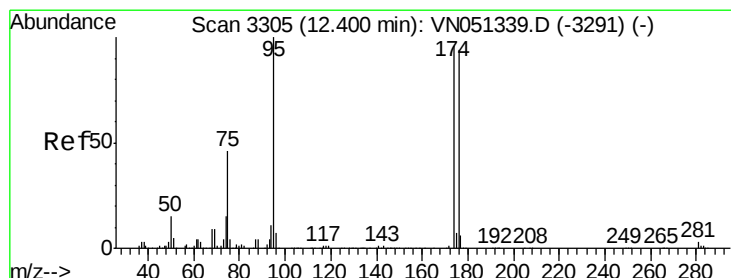
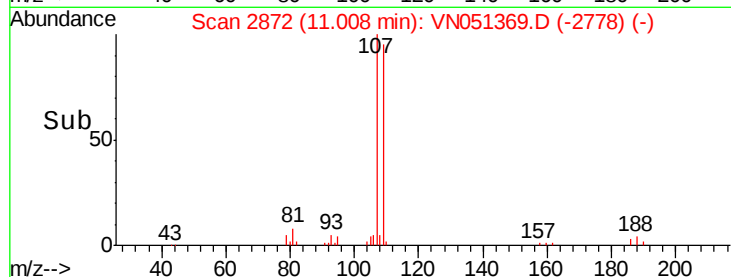
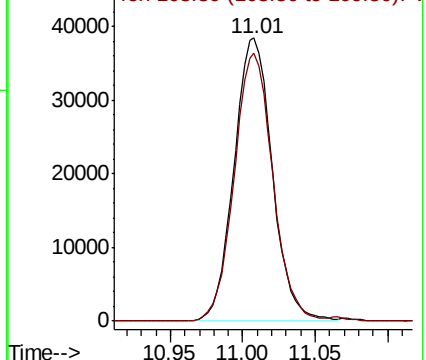
107 100

109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.876 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

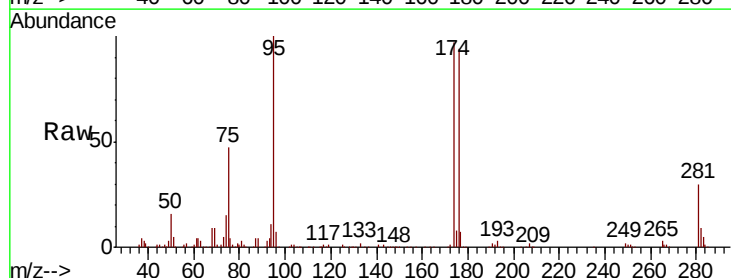
Tgt Ion: 95 Resp: 220348

Ion Ratio Lower Upper

95 100

174 98.5 0.0 194.6

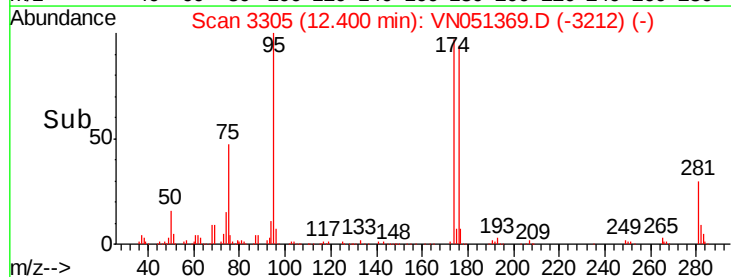
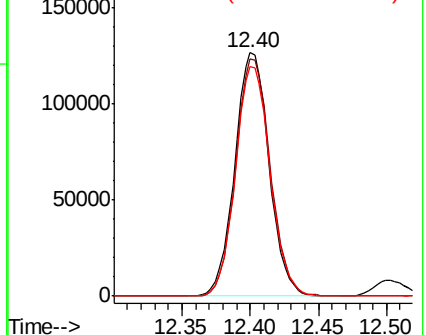
176 95.3 0.0 189.6

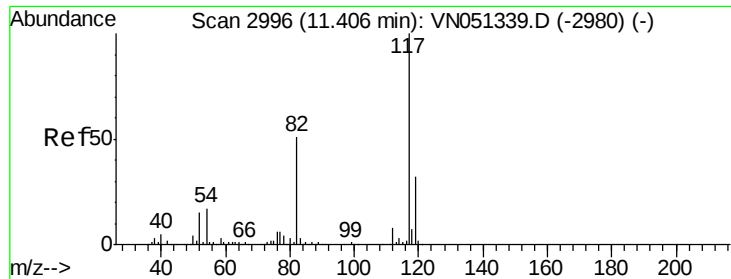


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

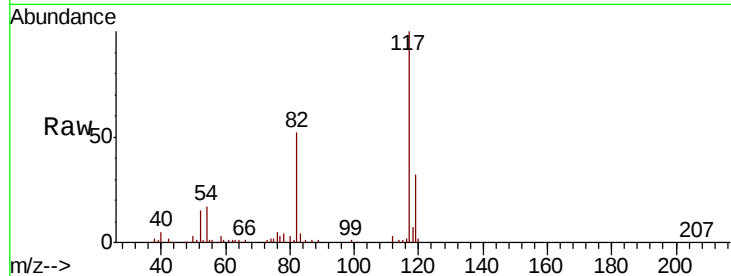
Ion 175.80 (175.50 to 176.50): V



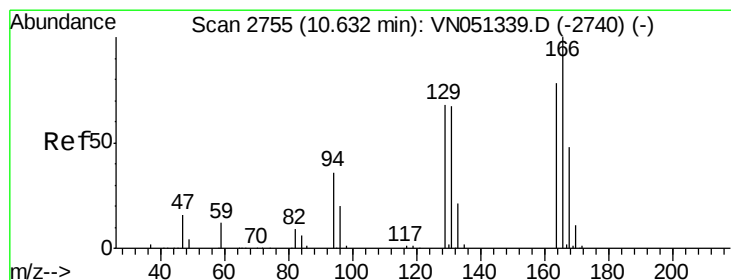
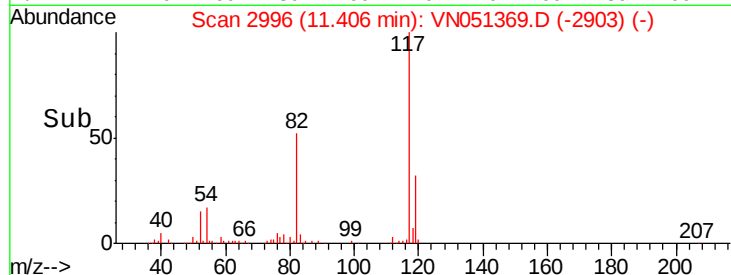
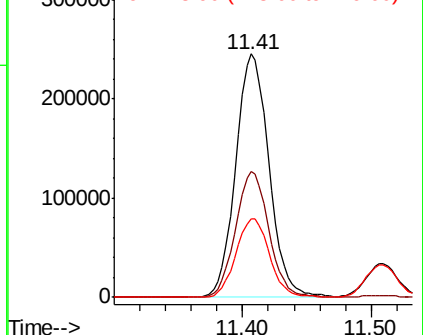


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion:117 Resp: 440366
Ion Ratio Lower Upper
117 100
82 51.9 40.7 61.1
119 32.3 25.3 37.9

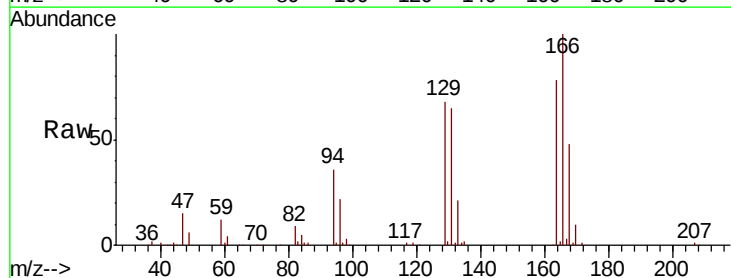


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

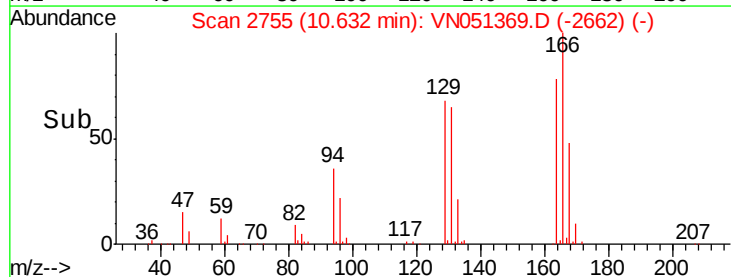
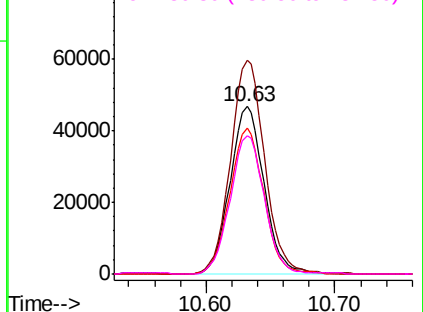


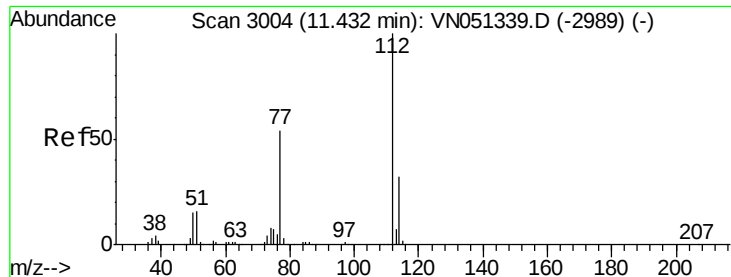
#64
Tetrachloroethene
Concen: 22.379 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion:164 Resp: 85937
Ion Ratio Lower Upper
164 100
166 127.8 102.1 153.1
129 87.3 69.4 104.2
131 82.6 68.8 103.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.212 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051369.D

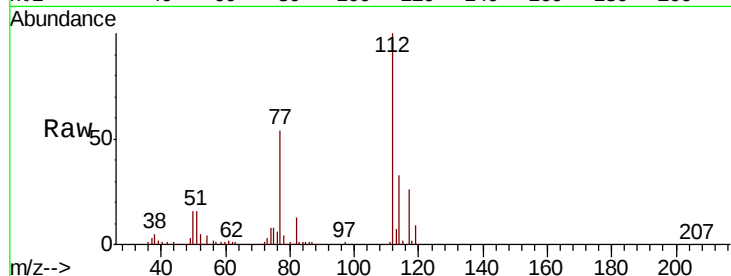
Acq: 21 Sep 2018 15:21

Tot Ion:112 Resp: 223172

Ion Ratio Lower Upper

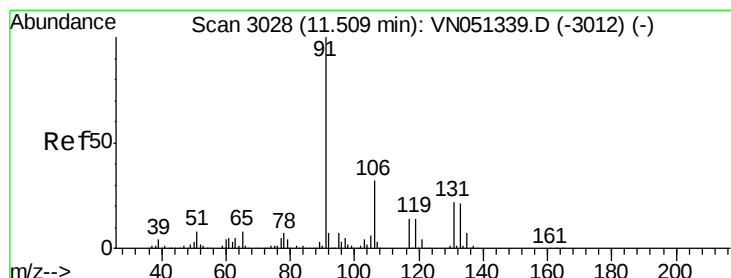
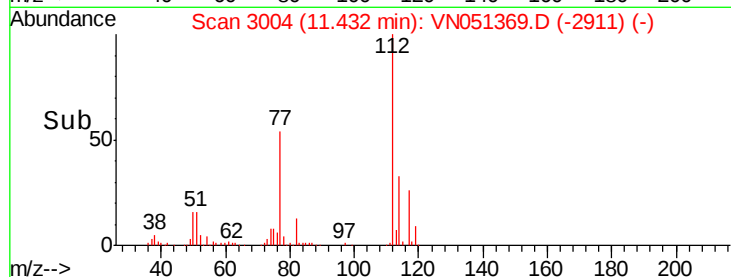
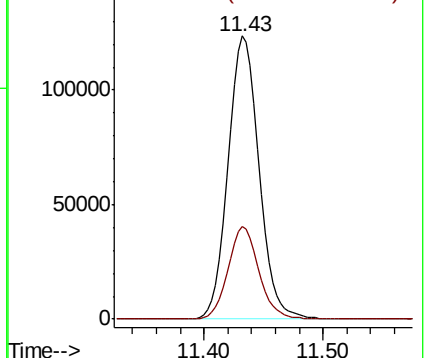
112 100

114 32.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.869 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

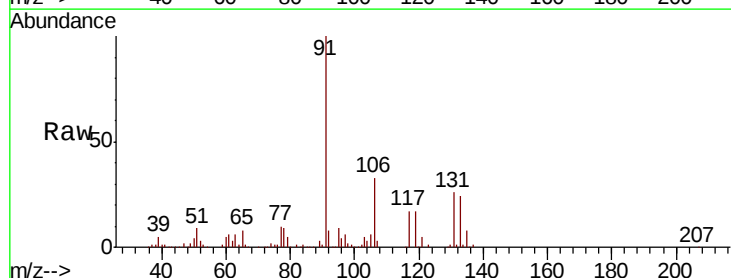
Tgt Ion:131 Resp: 87591

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.2

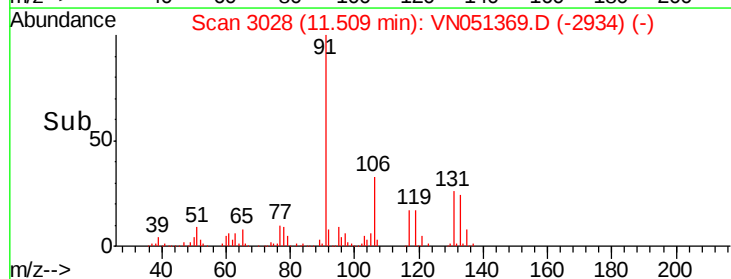
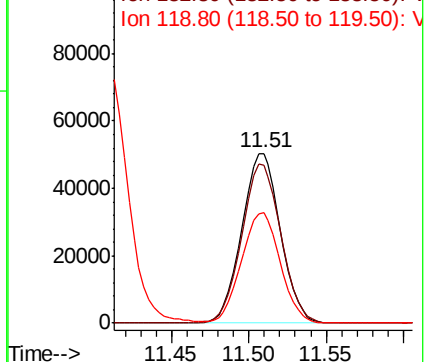
119 65.4 32.6 97.7

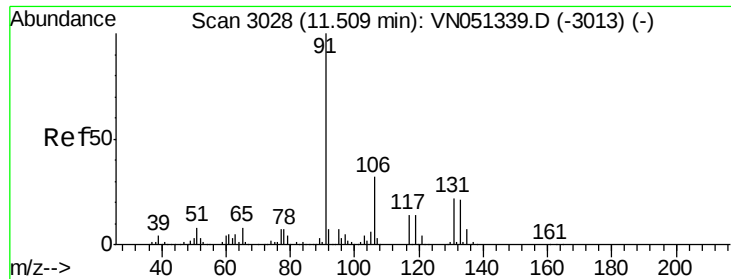


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

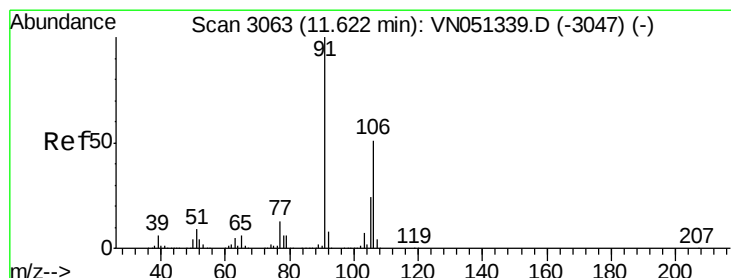
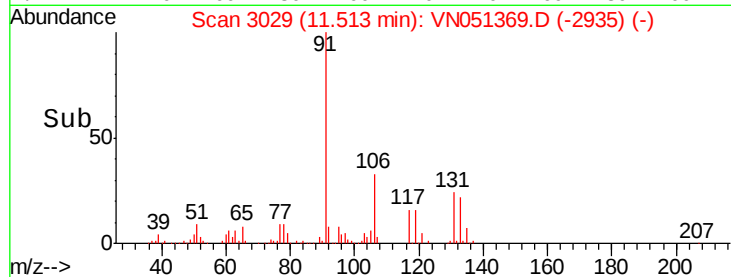
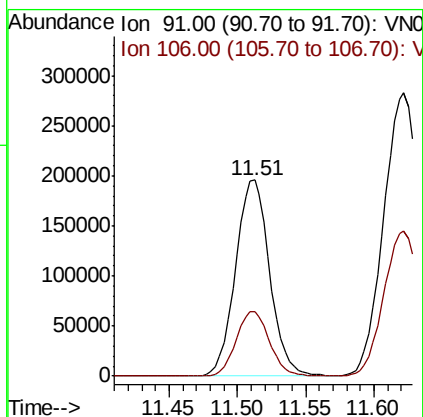
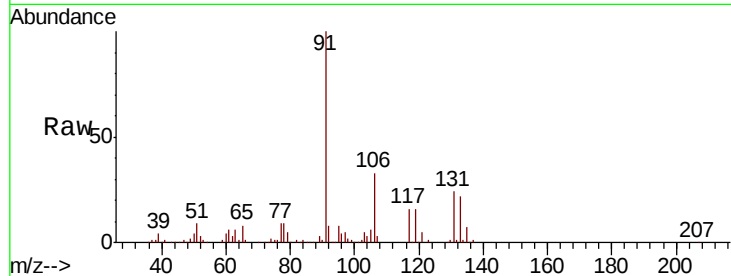
Ion 118.80 (118.50 to 119.50): V





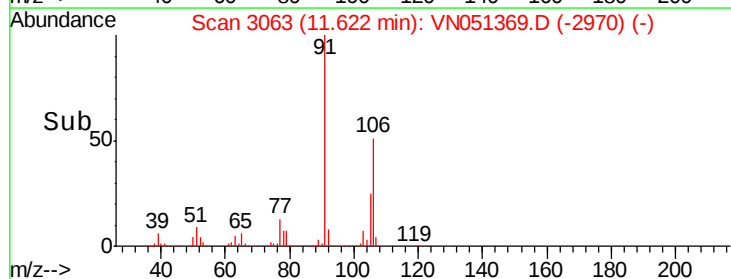
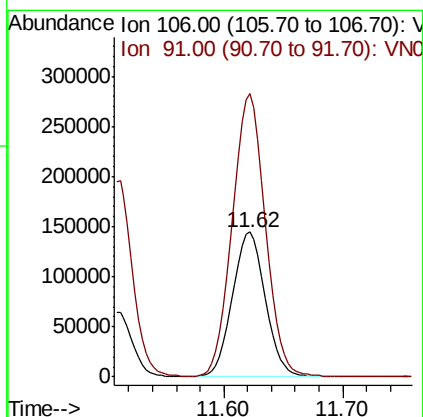
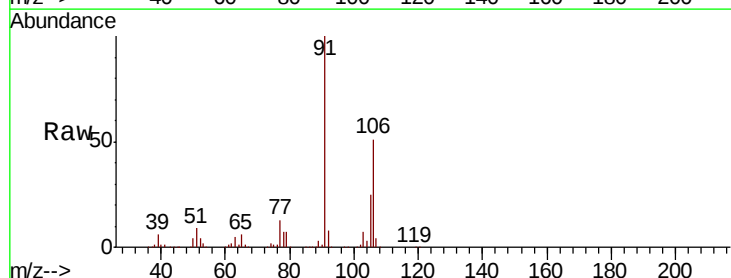
#67
Ethyl Benzene
Concen: 20.649 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

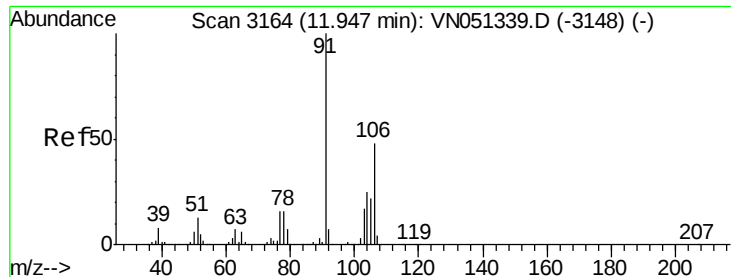
Tot Ion: 91 Resp: 339855
Ion Ratio Lower Upper
91 100
106 33.0 25.8 38.8



#68
m/p-Xylenes
Concen: 42.934 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

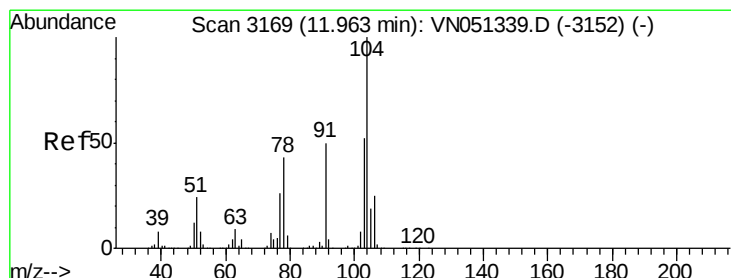
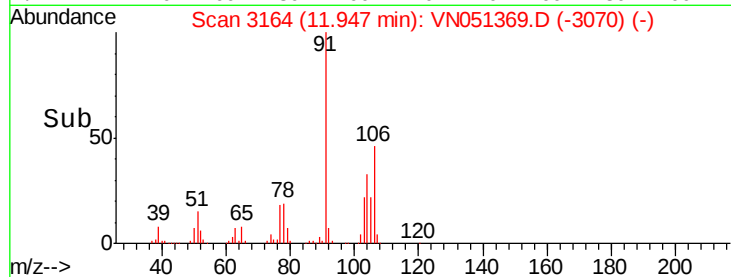
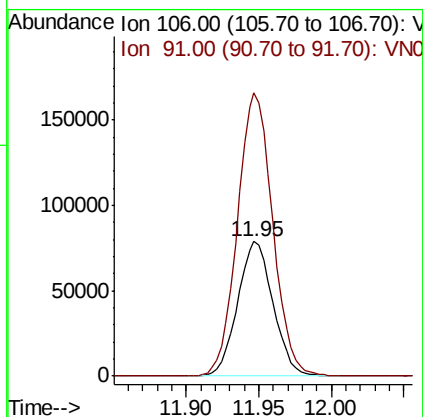
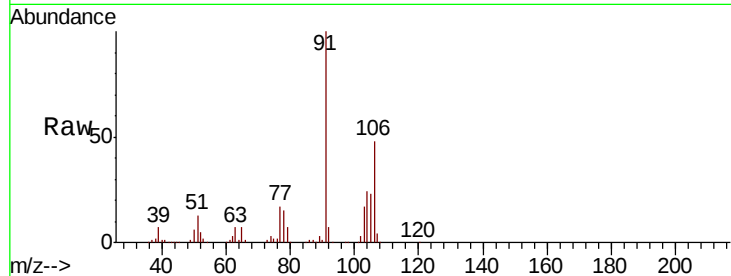
Tgt Ion: 106 Resp: 277613
Ion Ratio Lower Upper
106 100
91 195.7 156.5 234.7





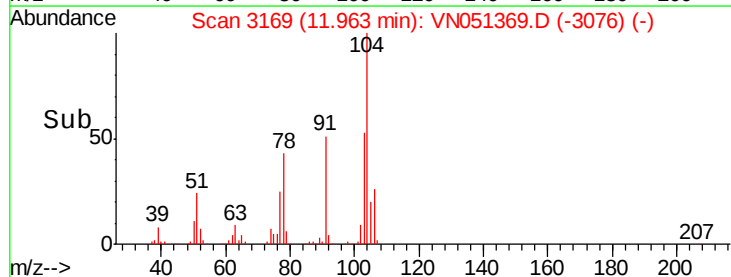
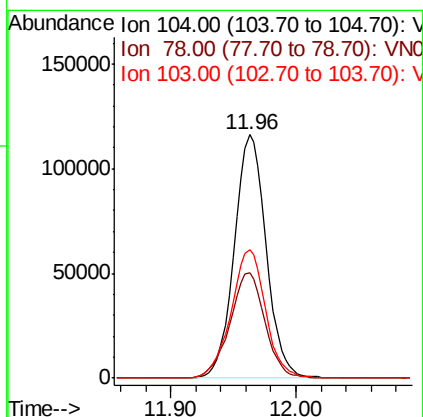
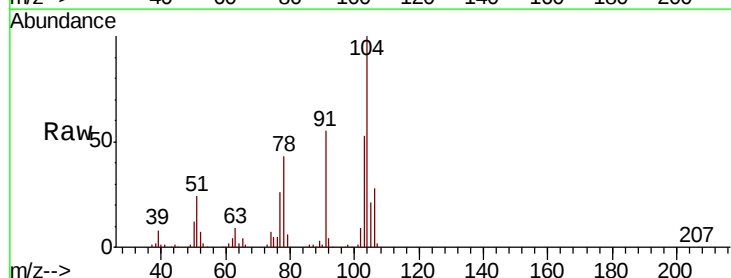
#69
o-Xylene
Concen: 21.442 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

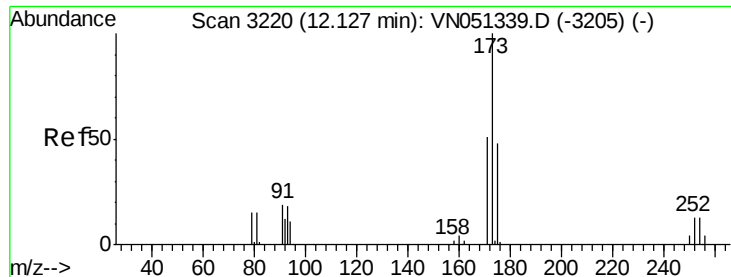
Tot Ion:106 Resp: 133658
Ion Ratio Lower Upper
106 100
91 210.0 104.6 313.7



#70
Styrene
Concen: 19.411 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

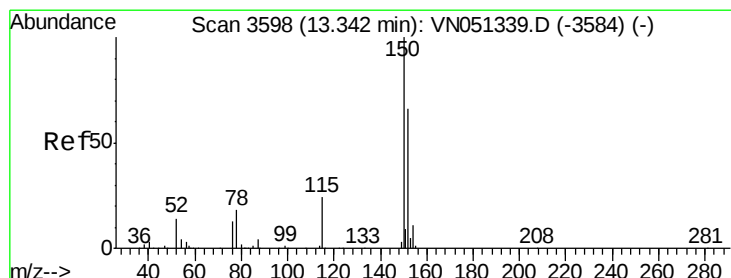
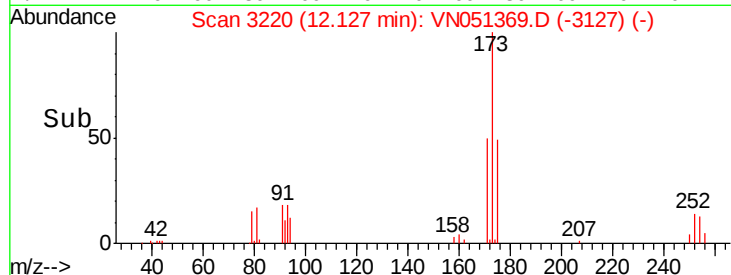
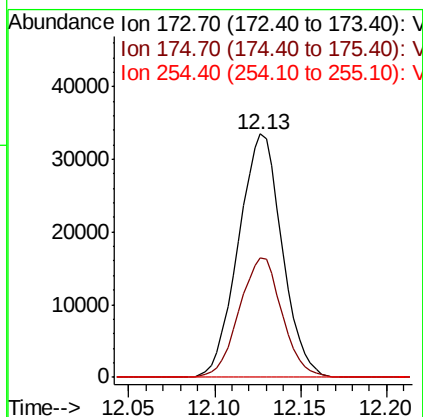
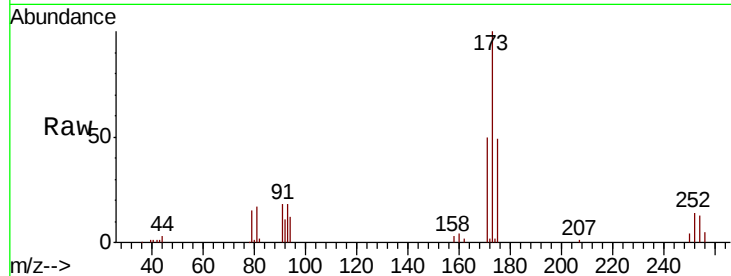
Tgt Ion:104 Resp: 205004
Ion Ratio Lower Upper
104 100
78 47.6 37.8 56.6
103 57.0 44.3 66.5





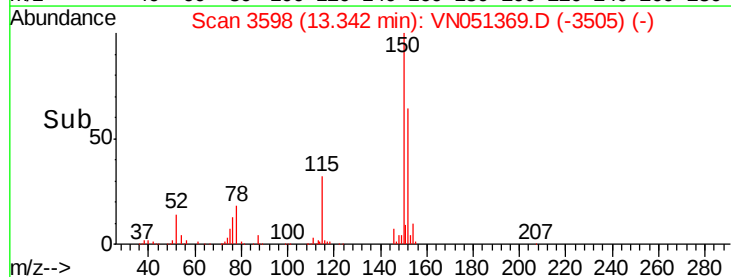
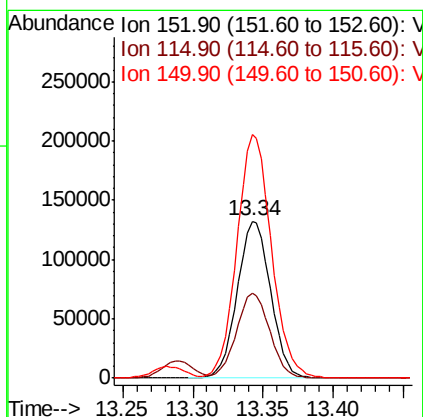
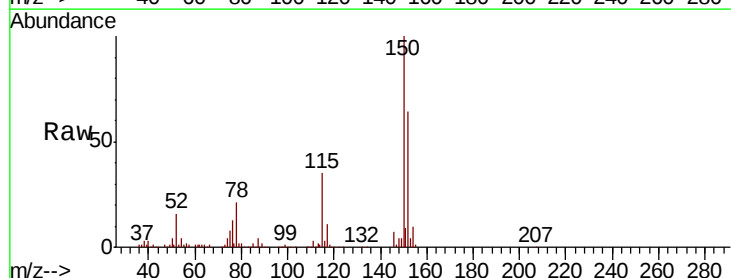
#71
Bromoform
Concen: 21.747 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

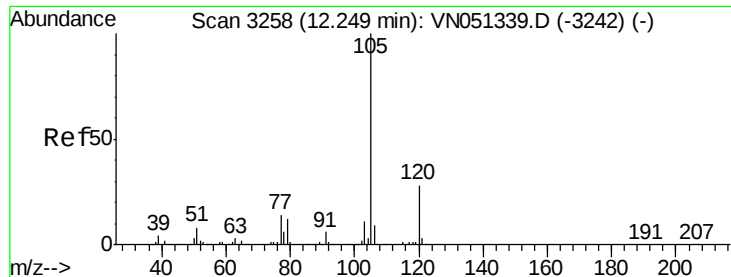
Tot Ion:173 Resp: 59113
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion:152 Resp: 219763
Ion Ratio Lower Upper
152 100
115 54.0 26.9 80.7
150 160.1 0.0 345.0





#73

Isopropylbenzene

Concen: 21.489 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051369.D

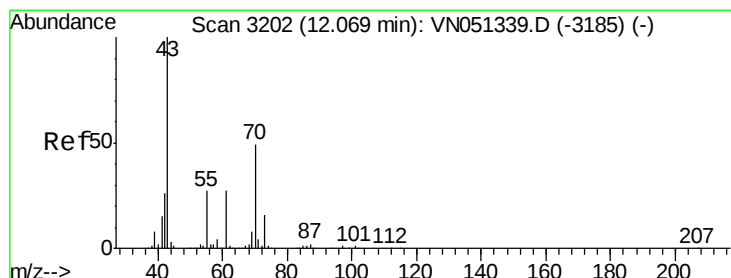
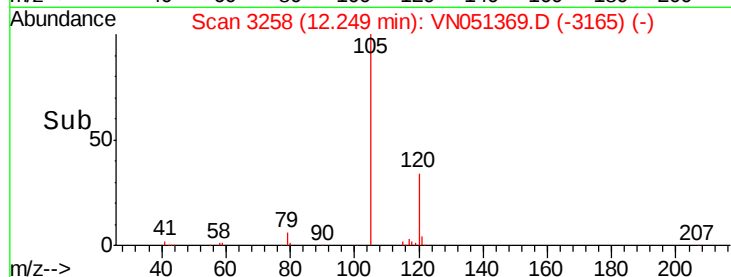
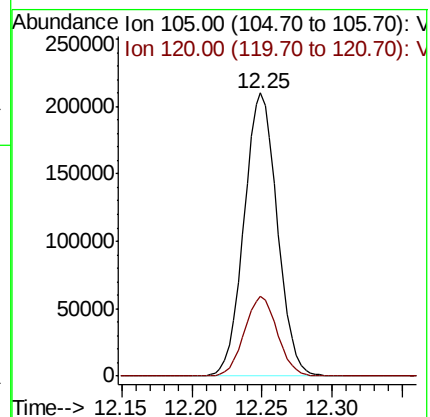
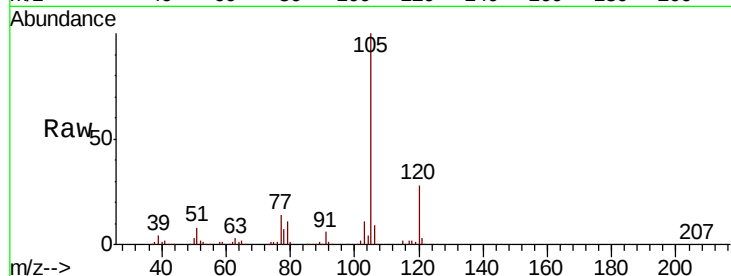
Acq: 21 Sep 2018 15:21

Tot Ion:105 Resp: 346106

Ion Ratio Lower Upper

105 100

120 28.1 13.9 41.6



#74

N-ethyl acetate

Concen: 19.181 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tgt Ion: 43 Resp: 66094

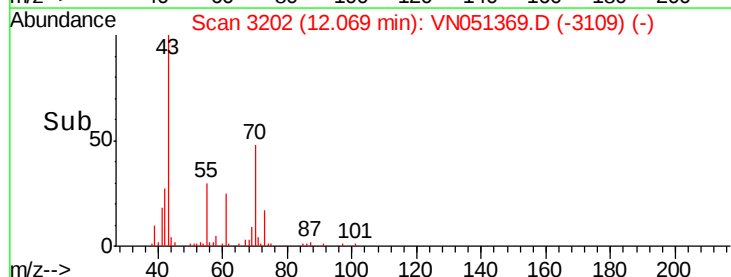
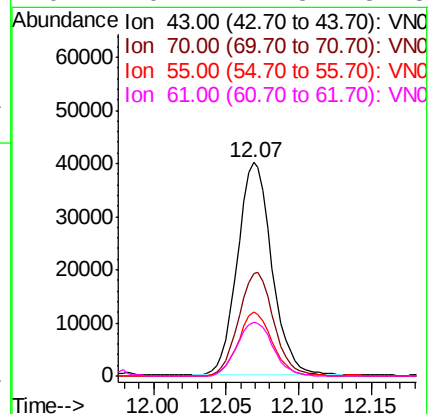
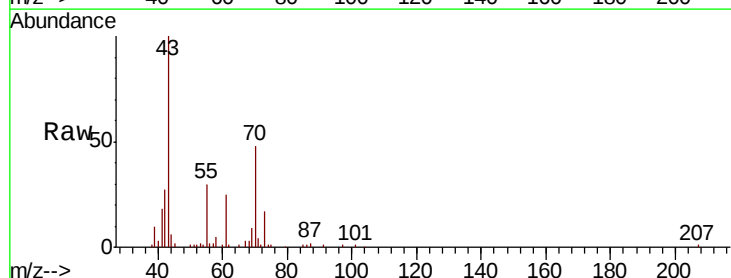
Ion Ratio Lower Upper

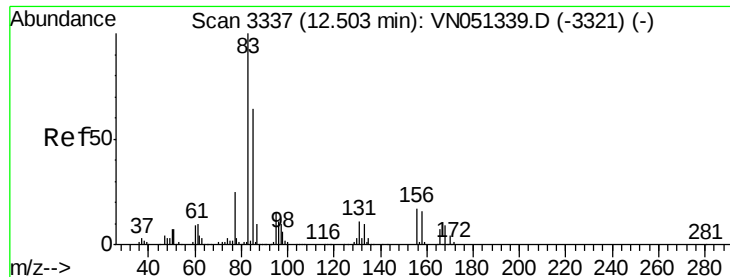
43 100

70 49.4 39.5 59.3

55 30.0 22.6 34.0

61 26.2 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.188 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

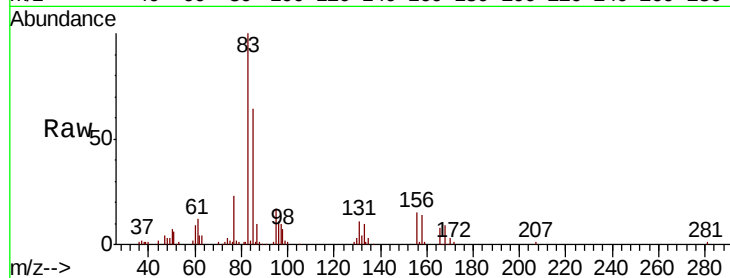
Tot Ion: 83 Resp: 84926

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.7

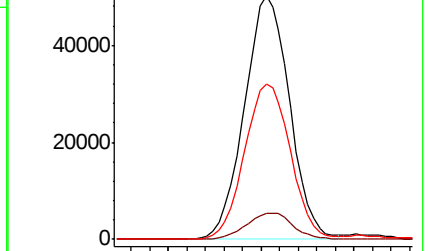
85 65.0 32.3 96.9



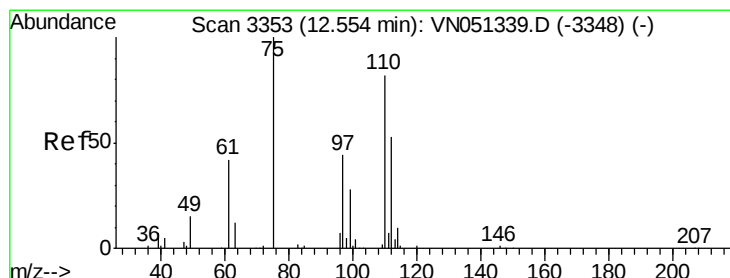
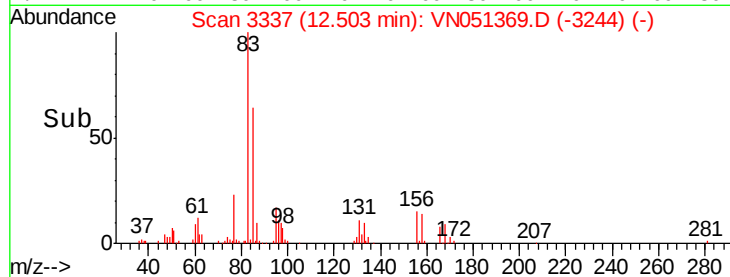
Abundance Ion 82.90 (82.60 to 83.60): VN051339.D (-3321) (-)

Ion 130.80 (130.50 to 131.50): VN051339.D (-3321) (-)

Ion 84.90 (84.60 to 85.60): VN051339.D (-3321) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.159 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051369.D

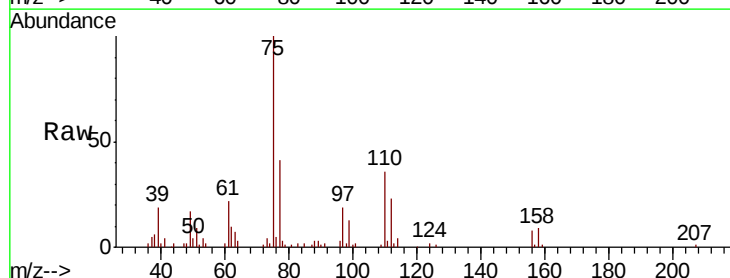
Acq: 21 Sep 2018 15:21

Tgt Ion: 75 Resp: 98412

Ion Ratio Lower Upper

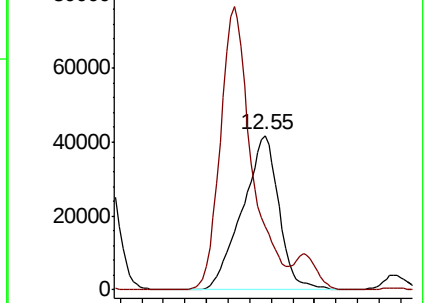
75 100

77 0.0 0.0 0.0

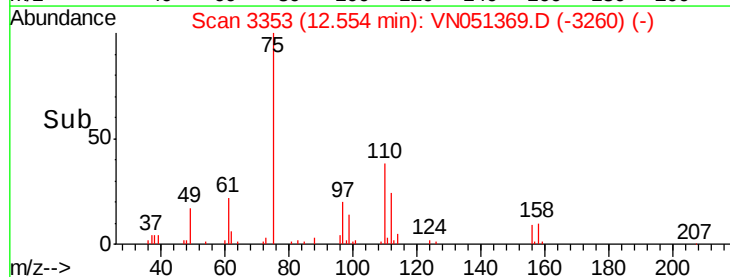


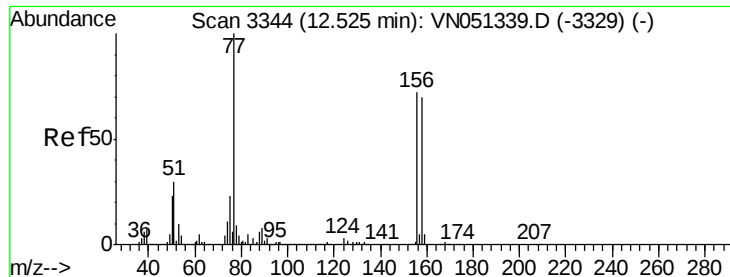
Abundance Ion 74.90 (74.60 to 75.60): VN051339.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051339.D (-3348) (-)



Time-->





#77

Bromobenzene

Concen: 21.517 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

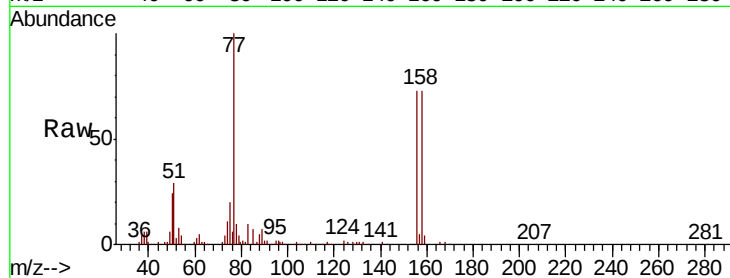
Tot Ion:156 Resp: 95752

Ion Ratio Lower Upper

156 100

77 162.5 80.8 242.4

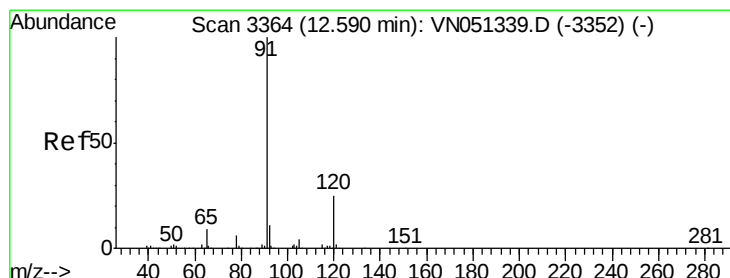
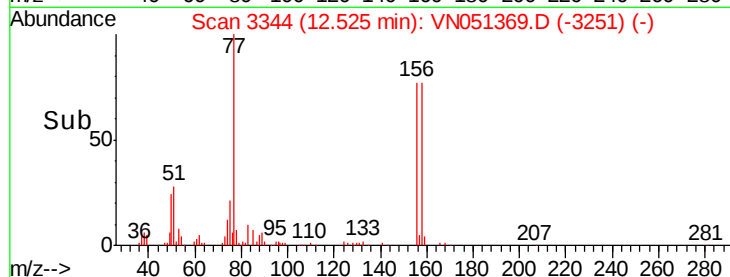
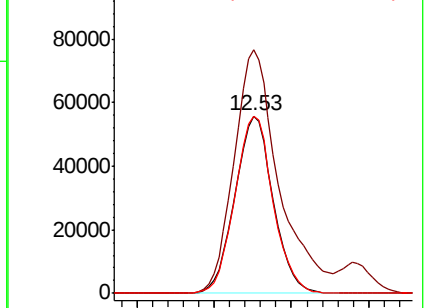
158 99.6 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.456 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051369.D

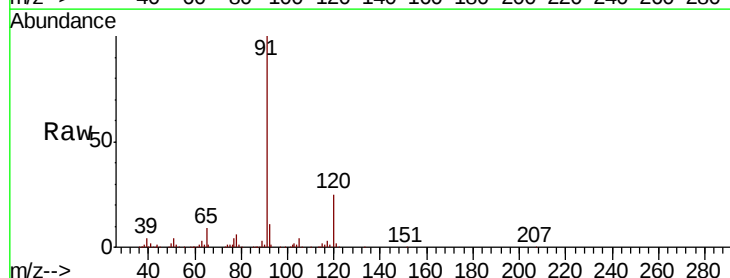
Acq: 21 Sep 2018 15:21

Tgt Ion: 91 Resp: 376743

Ion Ratio Lower Upper

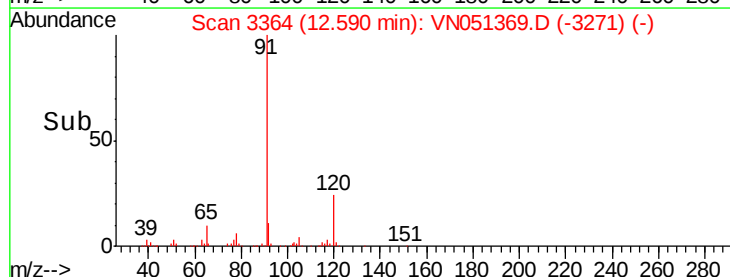
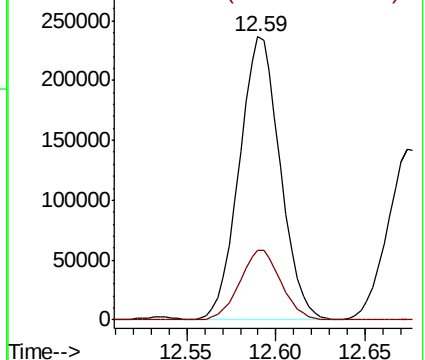
91 100

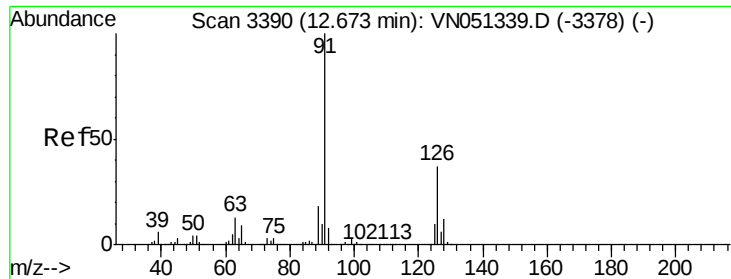
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.075 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051369.D

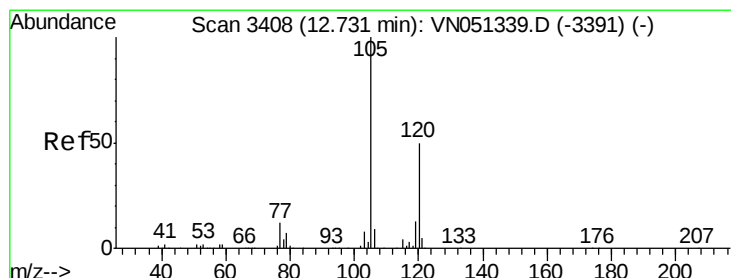
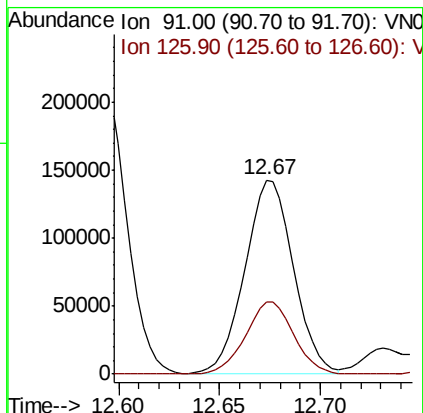
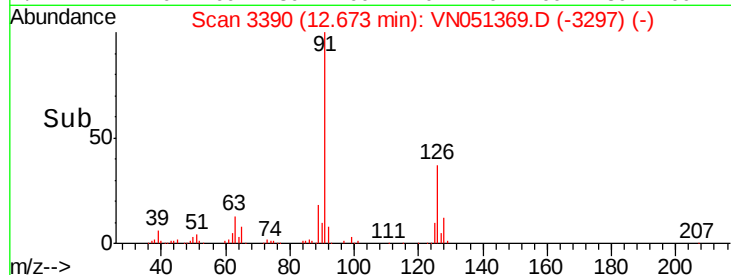
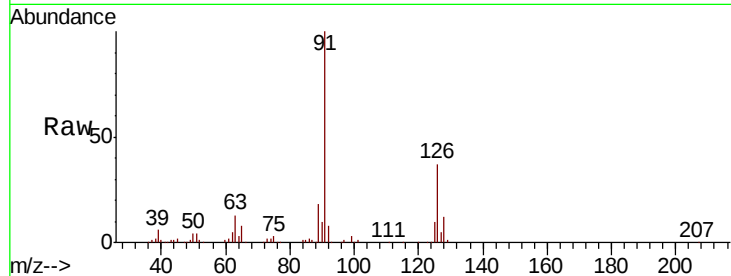
Acq: 21 Sep 2018 15:21

Tot Ion: 91 Resp: 238873

Ion Ratio Lower Upper

91 100

126 37.2 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 21.945 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051369.D

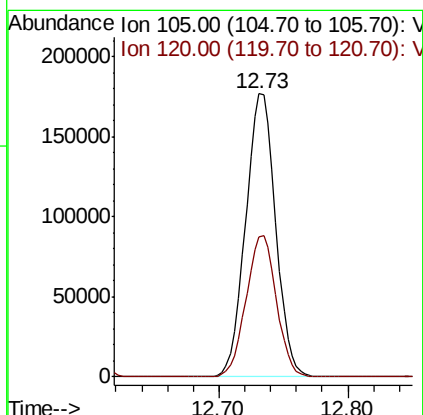
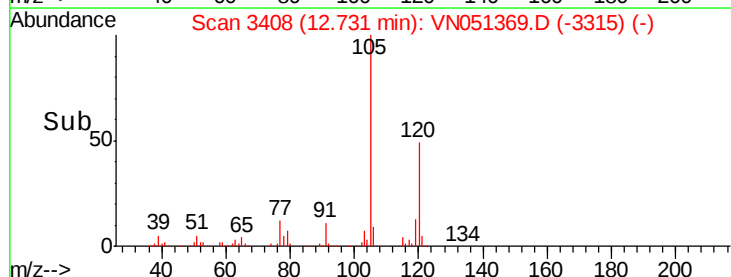
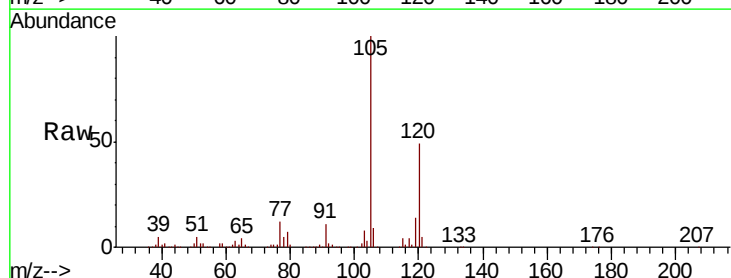
Acq: 21 Sep 2018 15:21

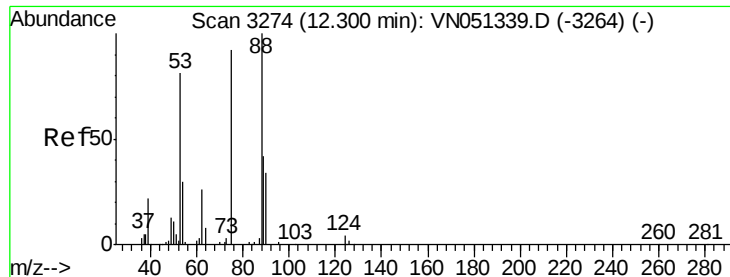
Tgt Ion: 105 Resp: 286541

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.960 ug/l

RT: 12.30 min Scan# 3274

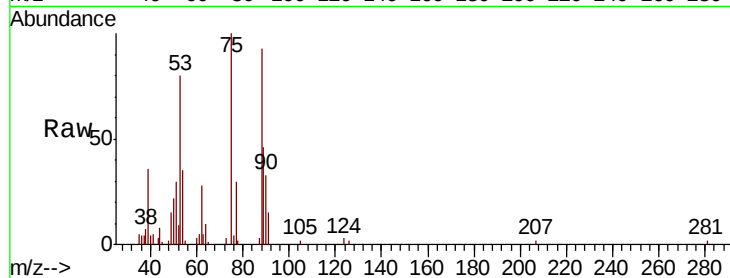
Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tot Ion: 75 Resp: 20545

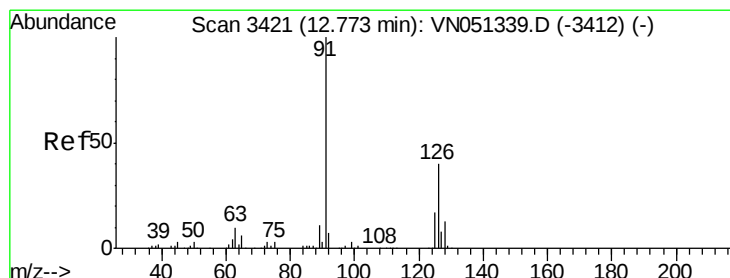
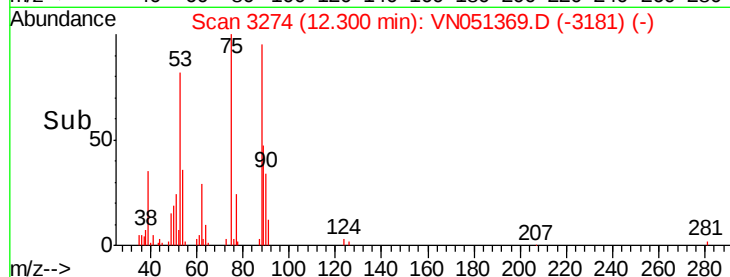
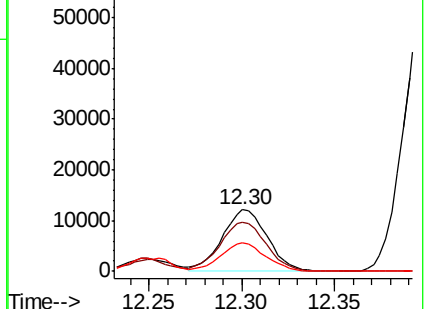
Ion	Ratio	Lower	Upper
75	100		
53	82.2	69.9	104.9
89	46.0	37.9	56.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.817 ug/l

RT: 12.77 min Scan# 3421

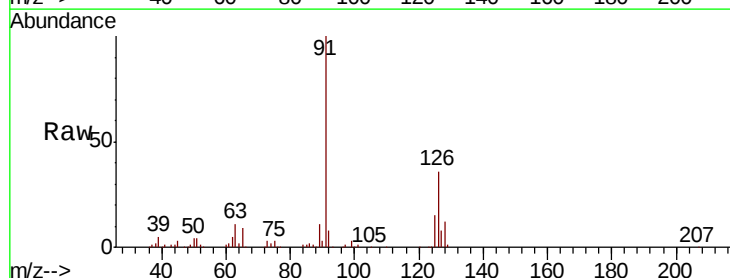
Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

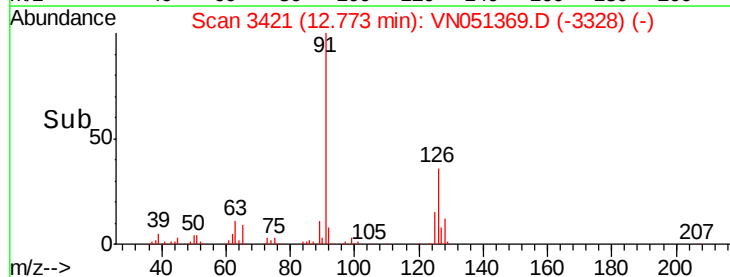
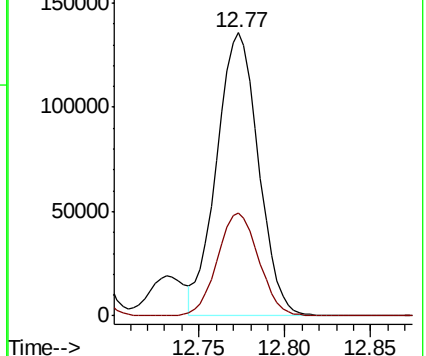
Tgt Ion: 91 Resp: 229461

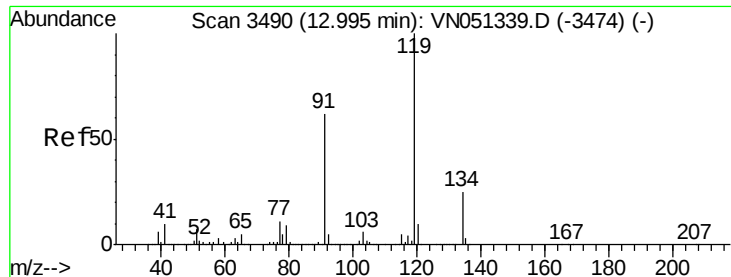
Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.3	54.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

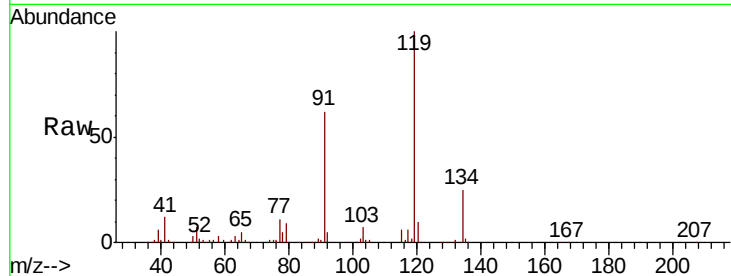
Ion 125.90 (125.60 to 126.60): V



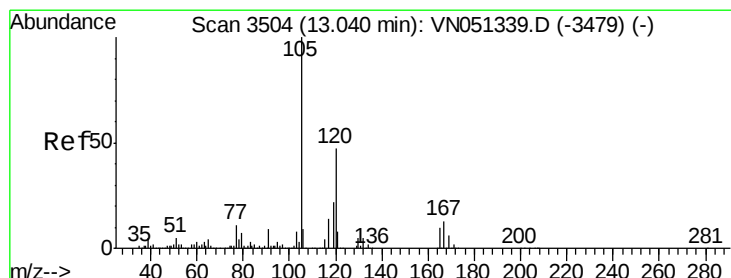
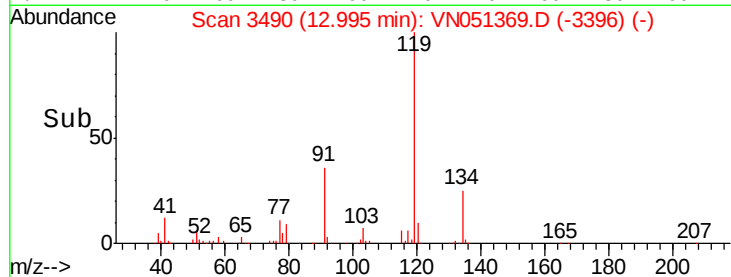
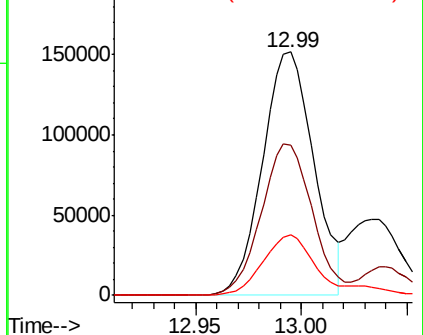


#83
tert-Butylbenzene
Concen: 21.995 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion:119 Resp: 257054
Ion Ratio Lower Upper
119 100
91 62.2 30.6 91.8
134 24.7 12.6 37.6

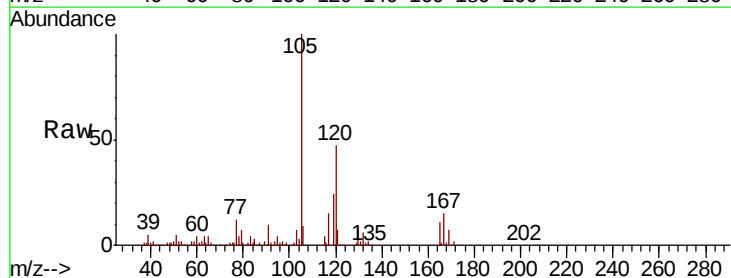


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

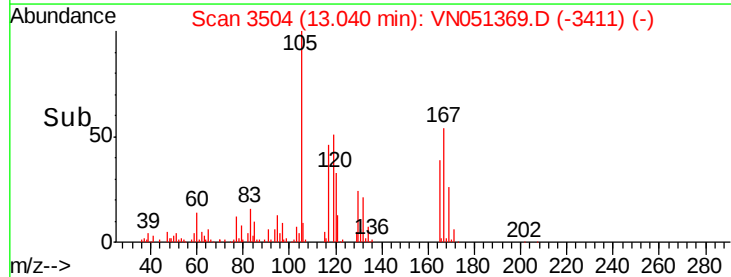
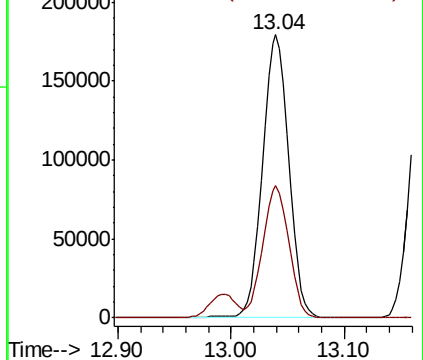


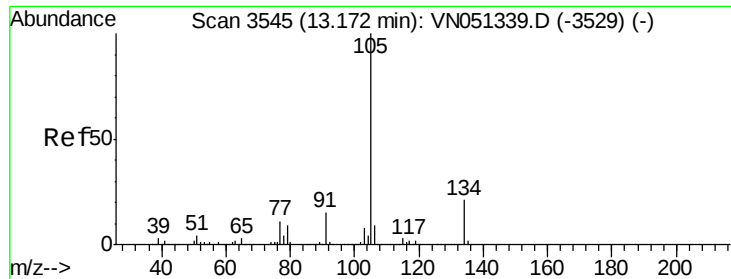
#84
1,2,4-Trimethylbenzene
Concen: 22.296 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion:105 Resp: 288943
Ion Ratio Lower Upper
105 100
120 46.6 23.5 70.6



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





#85

sec-Butylbenzene

Concen: 21.964 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051369.D

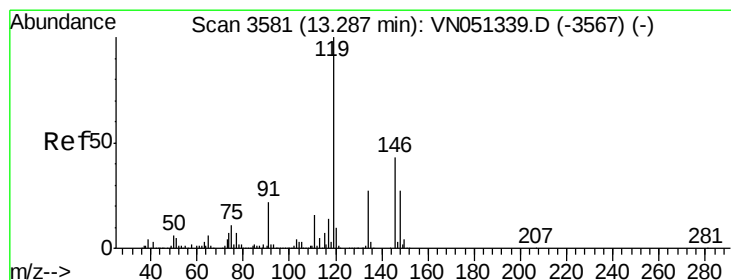
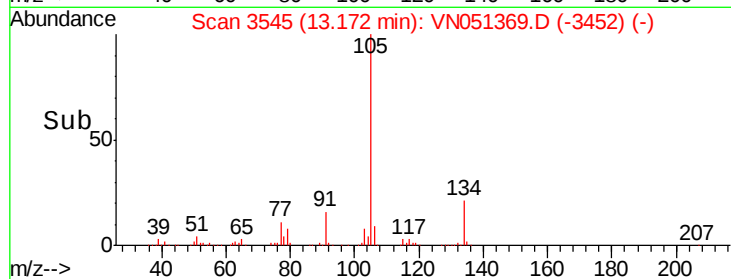
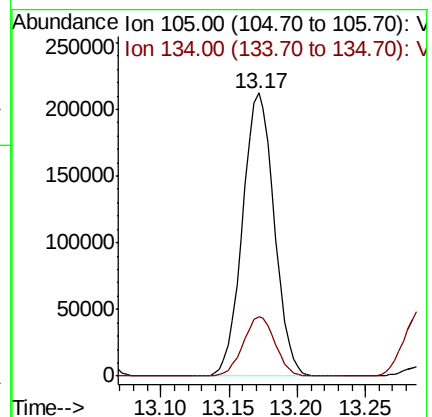
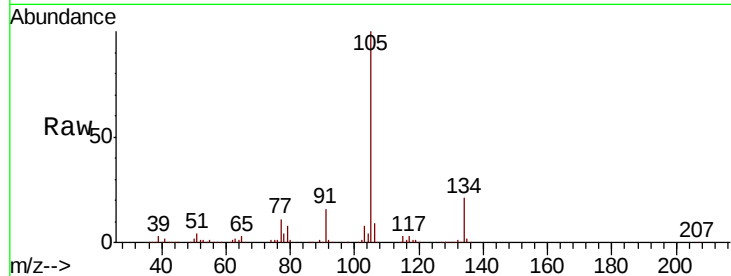
Acq: 21 Sep 2018 15:21

Tot Ion:105 Resp: 341353

Ion Ratio Lower Upper

105 100

134 21.1 10.8 32.3



#86

p-Isopropyltoluene

Concen: 21.410 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

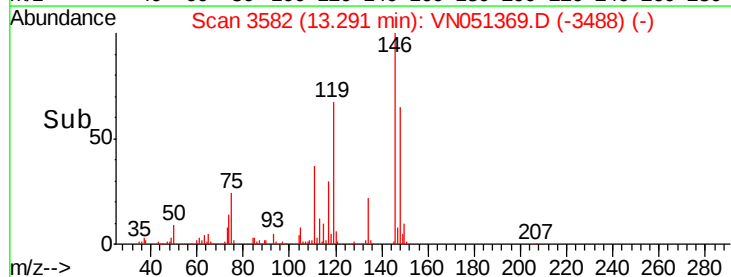
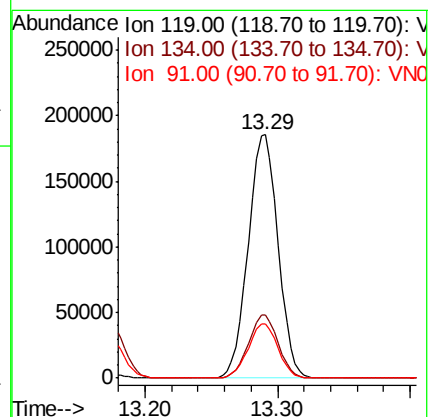
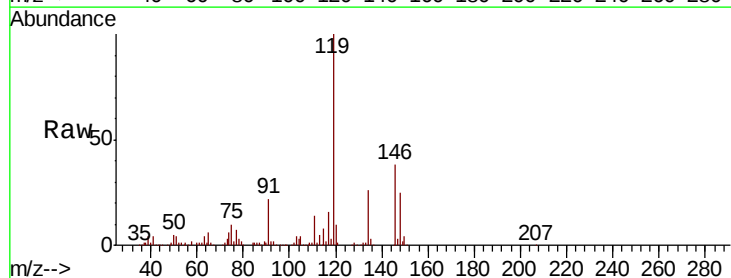
Tgt Ion:119 Resp: 289590

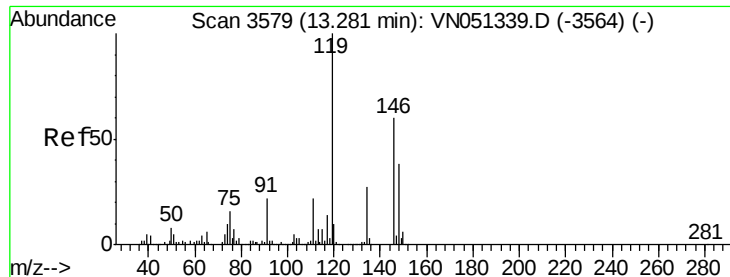
Ion Ratio Lower Upper

119 100

134 26.1 13.7 41.0

91 22.0 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.907 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

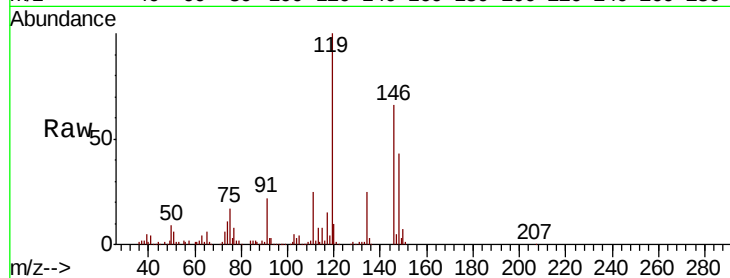
Tot Ion:146 Resp: 156384

Ion Ratio Lower Upper

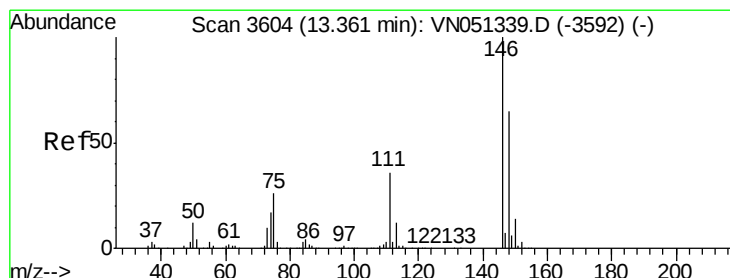
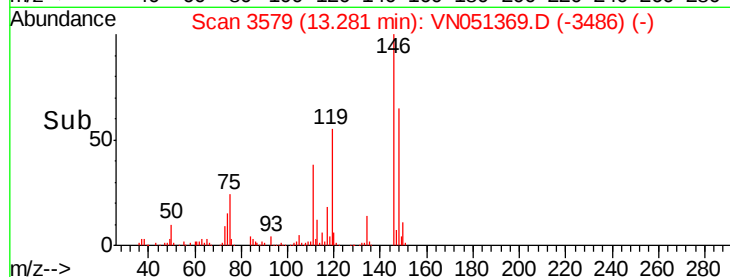
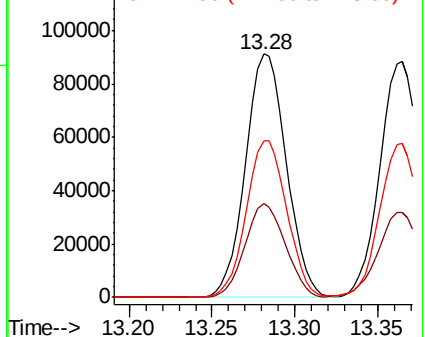
146 100

111 38.0 18.6 55.8

148 63.6 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: 20.517 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

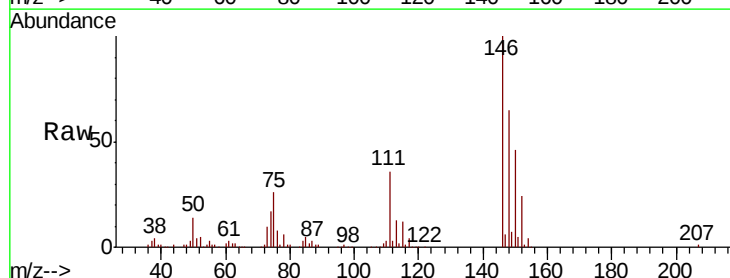
Tgt Ion:146 Resp: 148764

Ion Ratio Lower Upper

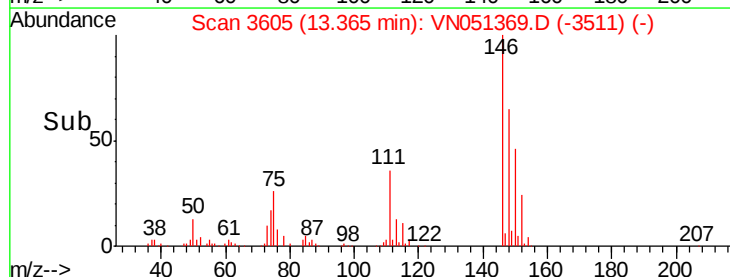
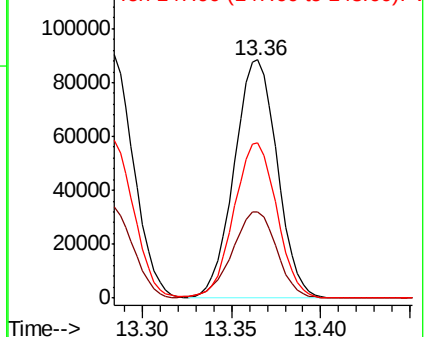
146 100

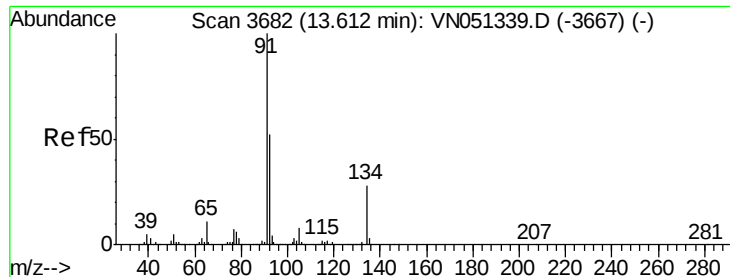
111 37.4 18.2 54.6

148 64.8 32.5 97.4



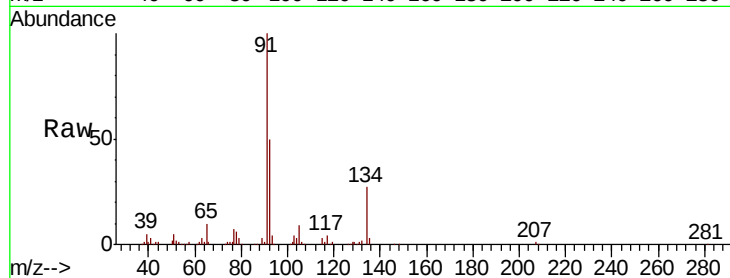
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89
n-Butylbenzene
Concen: 18.187 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

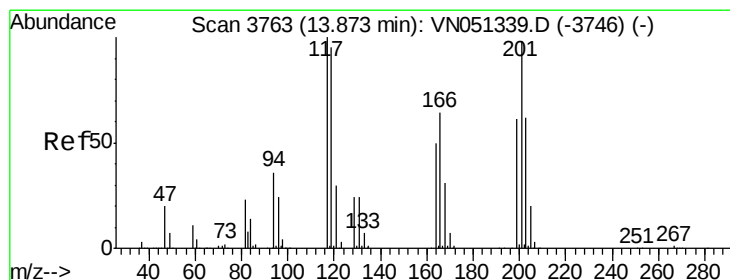
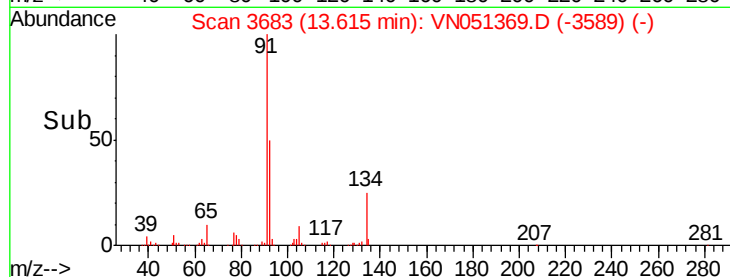
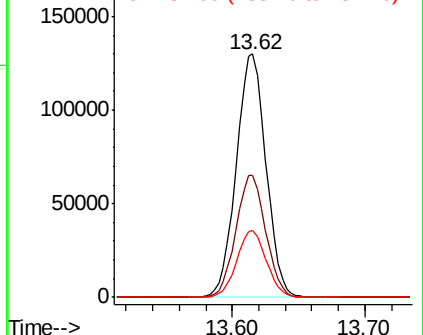
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	26.0	78.0
134	27.5	14.1	42.4



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

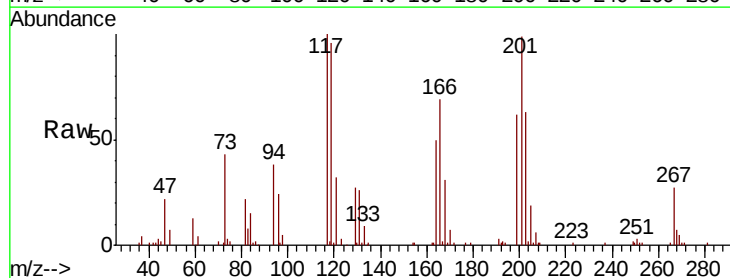
Ion 92.00 (91.70 to 92.70): VN051339.D (-3667) (-)

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



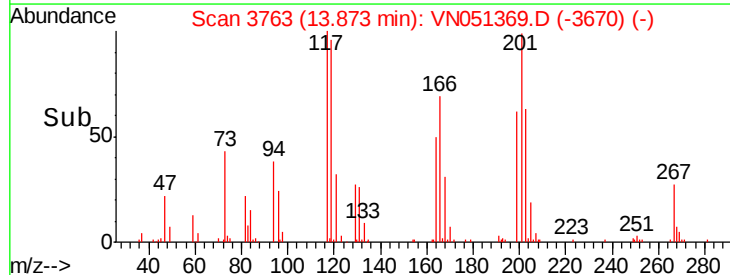
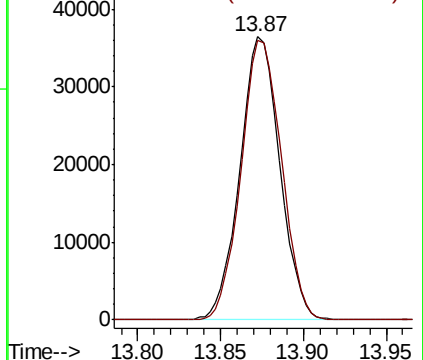
#90
Hexachloroethane
Concen: 21.030 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

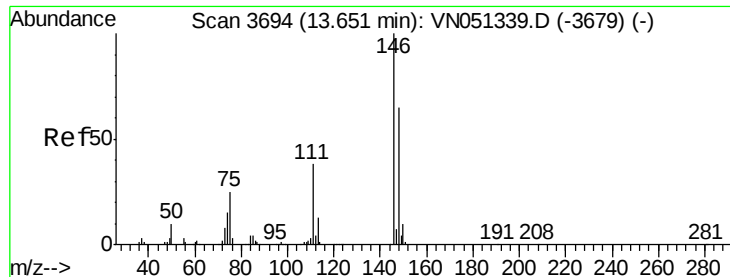
Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.2	49.5	148.3



Abundance Ion 116.80 (116.50 to 117.50): VN051339.D (-3746) (-)

Ion 200.70 (200.40 to 201.40): VN051339.D (-3746) (-)





#91

1,2-Dichlorobenzene

Concen: 21.372 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

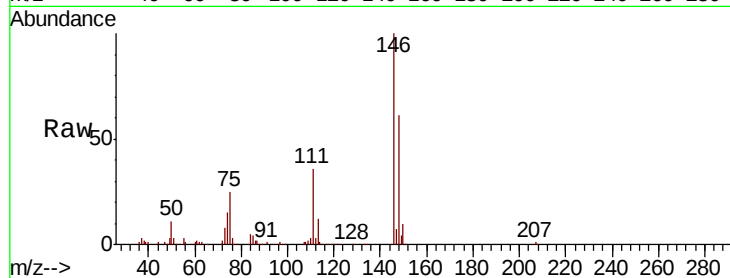
Tot Ion:146 Resp: 154430

Ion Ratio Lower Upper

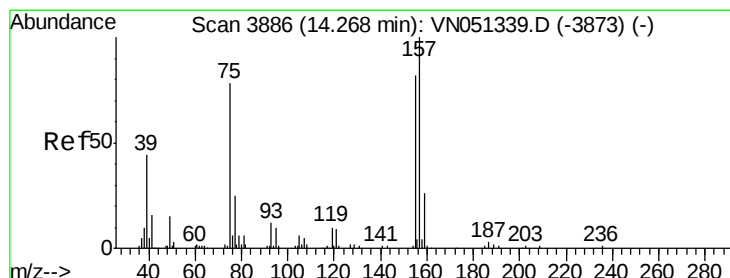
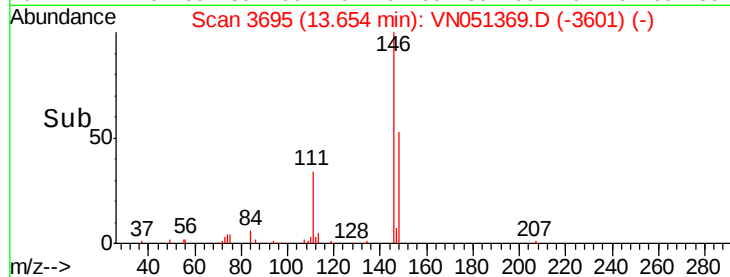
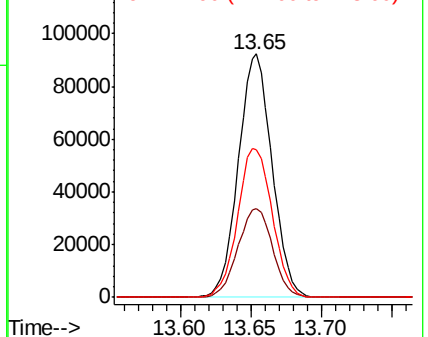
146 100

111 37.4 19.3 57.8

148 63.2 32.9 98.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.002 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

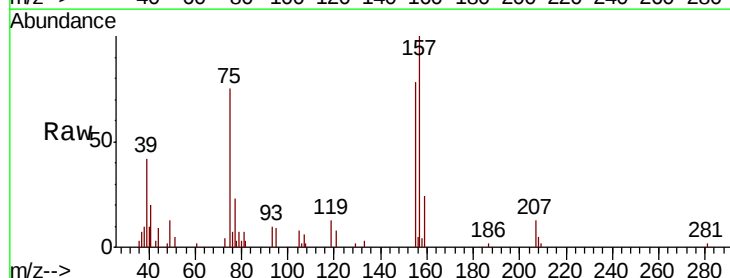
Tgt Ion: 75 Resp: 10530

Ion Ratio Lower Upper

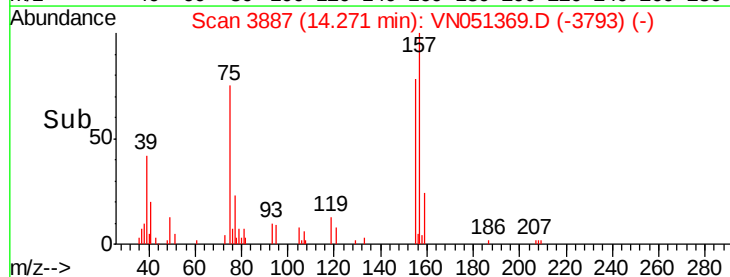
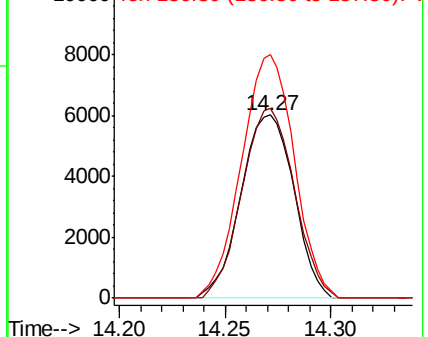
75 100

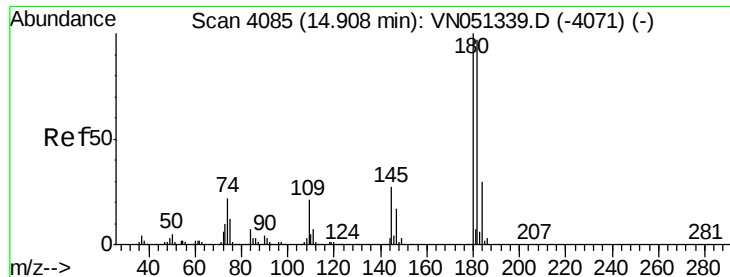
155 102.5 51.4 154.2

157 132.7 65.4 196.2



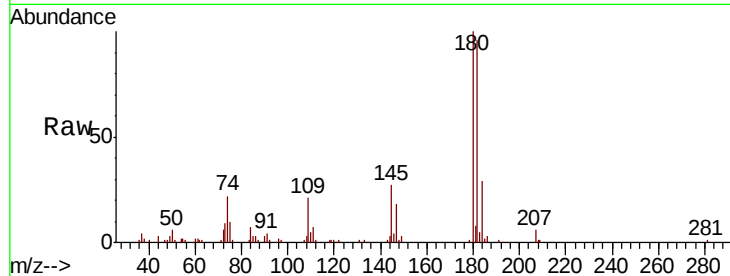
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



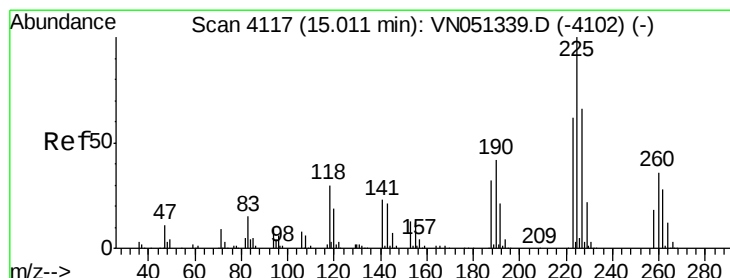
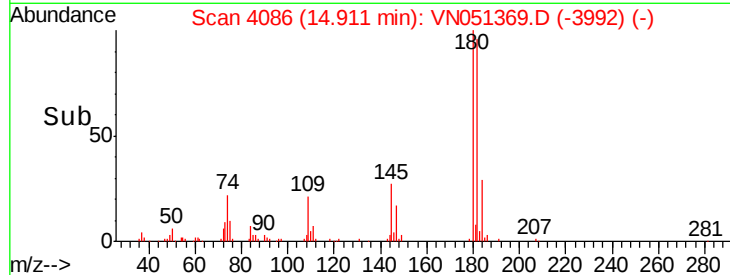
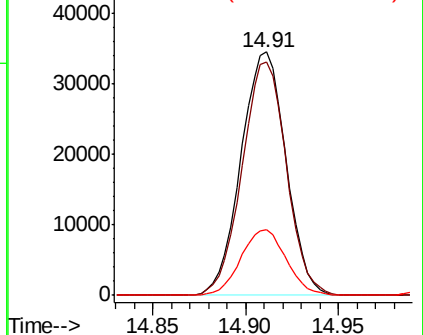


#93
 1,2,4-Trichlorobenzene
 Concen: 16.965 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tot Ion:180 Resp: 58448
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.4 145.2
 145 27.2 13.7 41.1

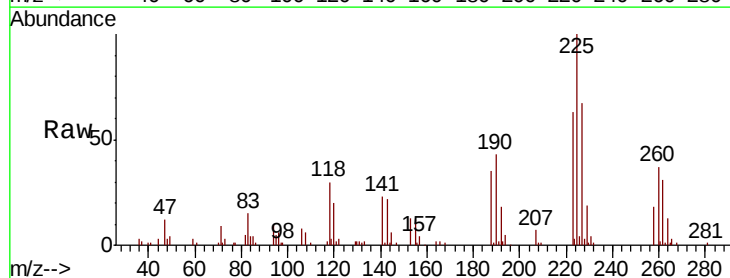


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

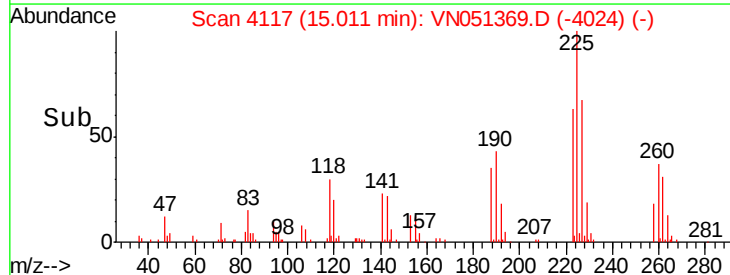
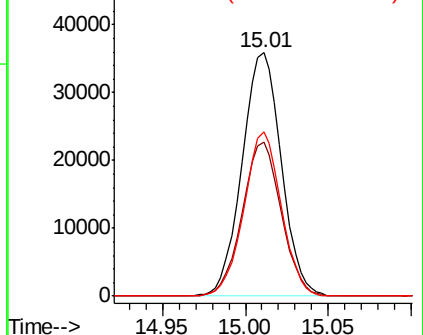


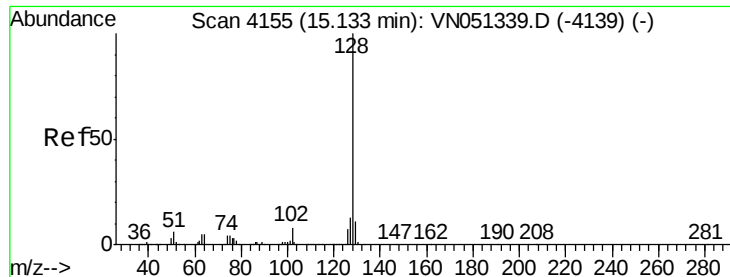
#94
 Hexachlorobutadiene
 Concen: 21.073 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

Tgt Ion:225 Resp: 59092
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 64.1 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: 15.561 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

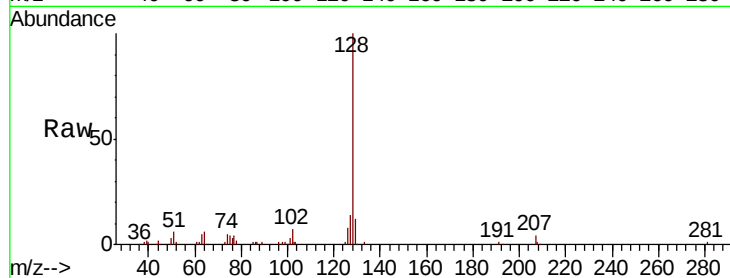
Tot Ion:128 Resp: 88432

Ion Ratio Lower Upper

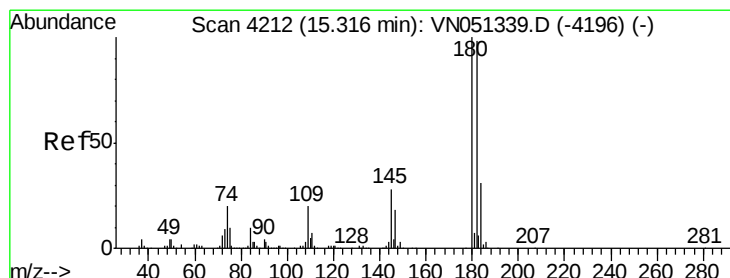
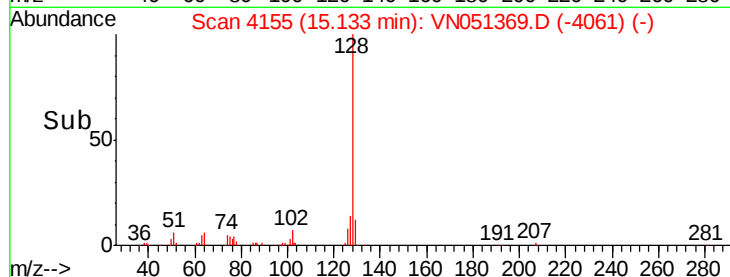
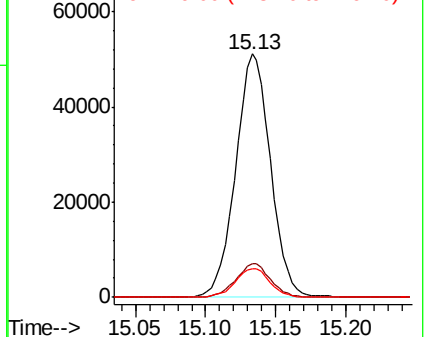
128 100

127 13.7 10.3 15.5

129 11.7 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: 17.866 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

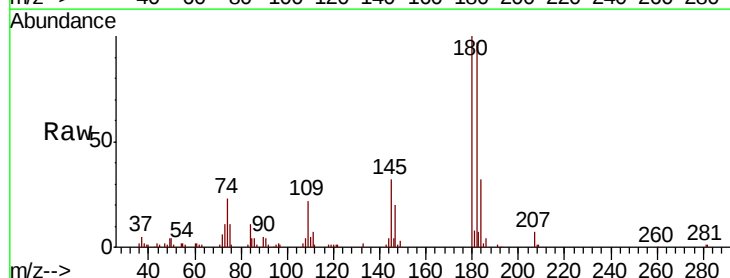
Tgt Ion:180 Resp: 62144

Ion Ratio Lower Upper

180 100

182 98.3 48.1 144.3

145 29.9 14.3 42.9



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

