

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 23:34:42 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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 Response via : Initial Calibration

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	67402m	22.120	ug/l	
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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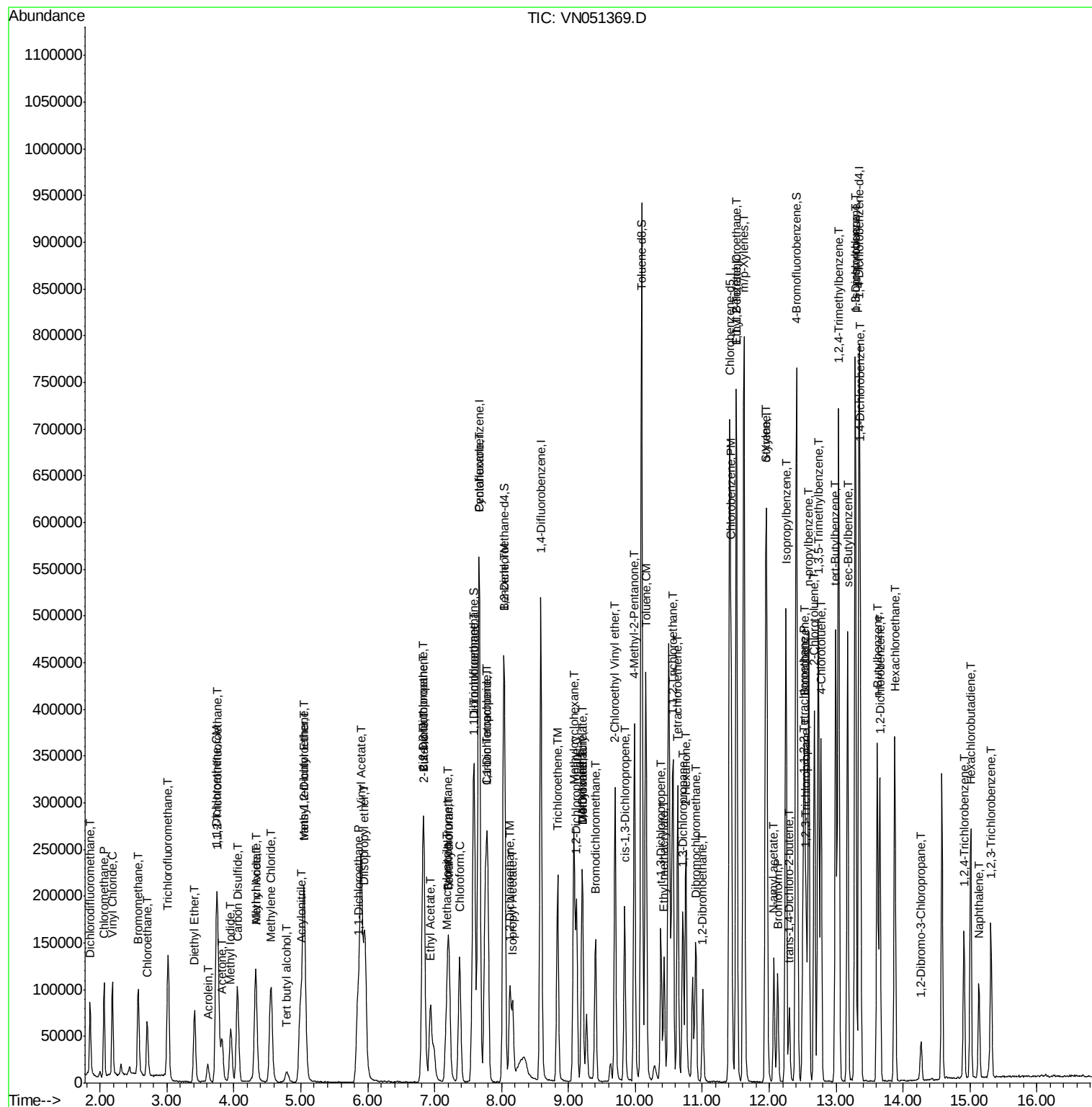
Quant Time: Sep 21 23:34:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
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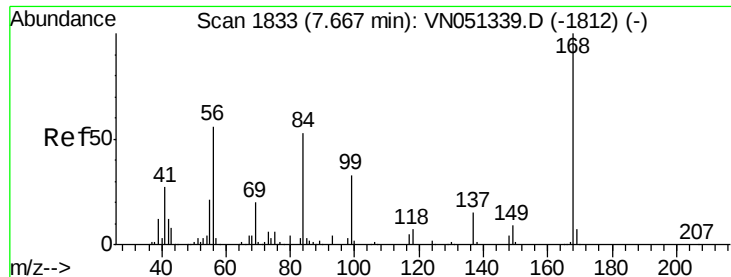
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58448	16.965	ug/l	98
94) Hexachlorobutadiene	15.01	225	59092	21.073	ug/l	99
95) Naphthalene	15.13	128	88432	15.561	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	62144	17.866	ug/l	98

(#) = 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

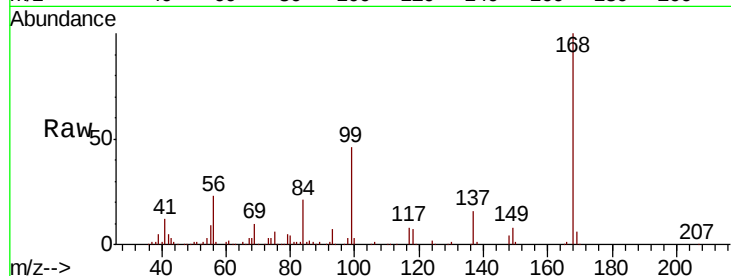
Acq: 21 Sep 2018 15:21

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

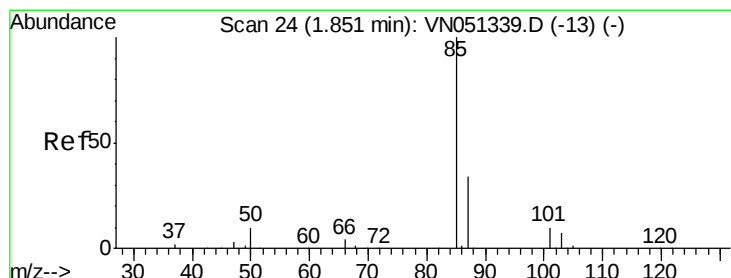
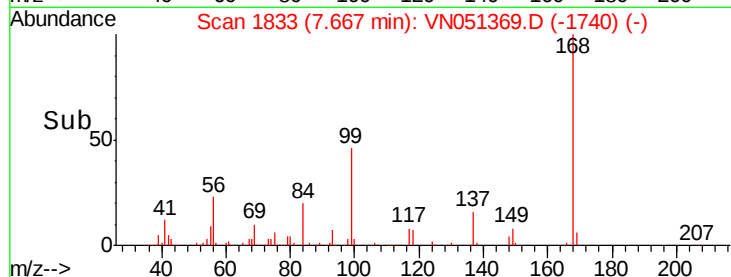
100000

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

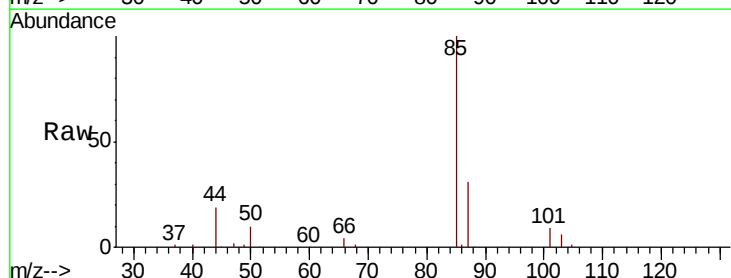
Acq: 21 Sep 2018 15:21

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

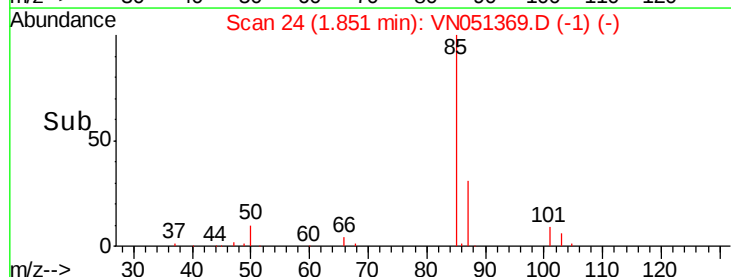
20000

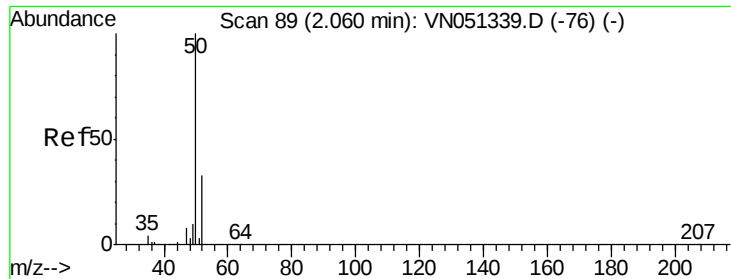
10000

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

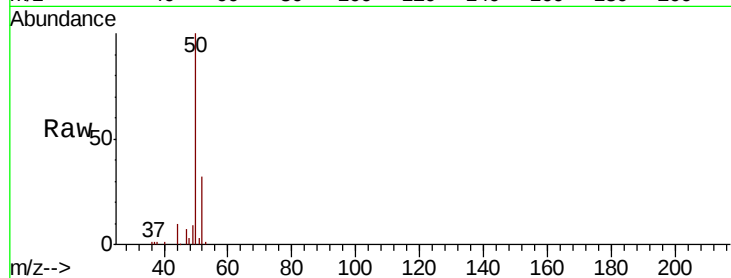
Acq: 21 Sep 2018 15:21

Tot Ion: 50 Resp: 85728

Ion Ratio Lower Upper

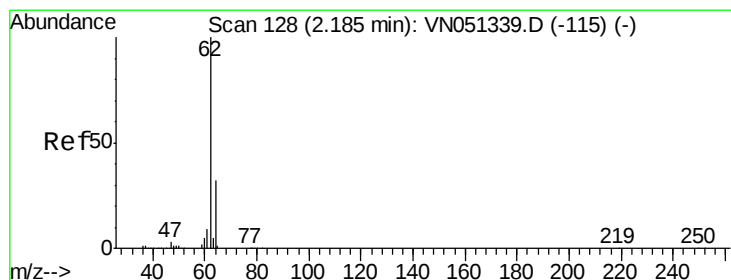
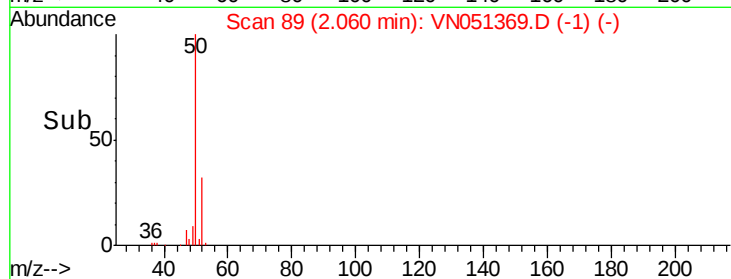
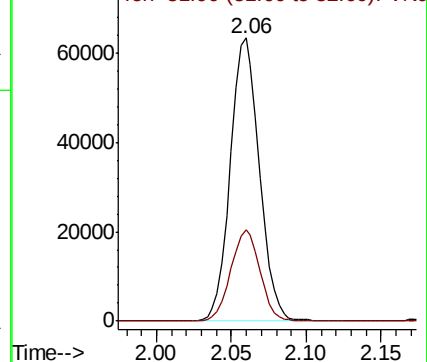
50 100

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

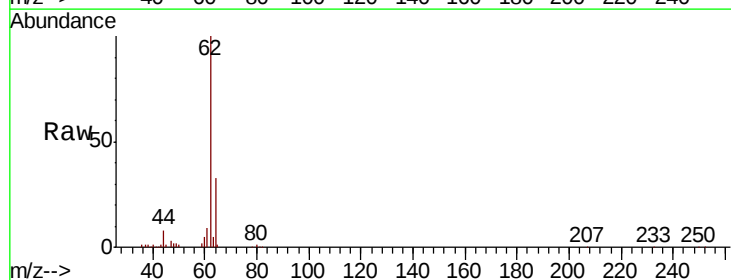
Acq: 21 Sep 2018 15:21

Tgt Ion: 62 Resp: 89432

Ion Ratio Lower Upper

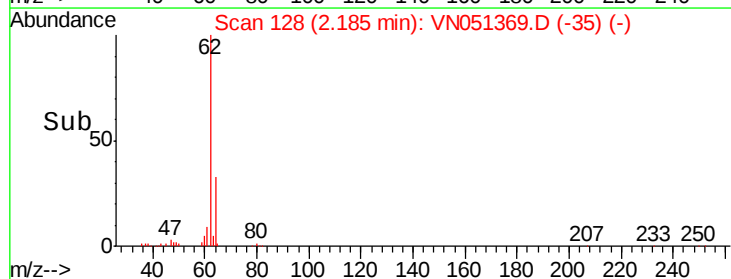
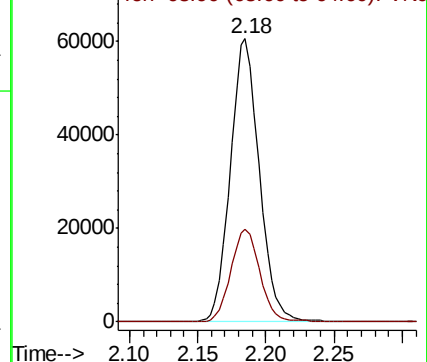
62 100

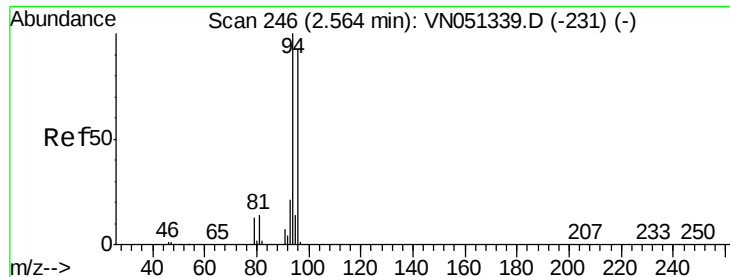
64 33.0 25.9 38.9



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

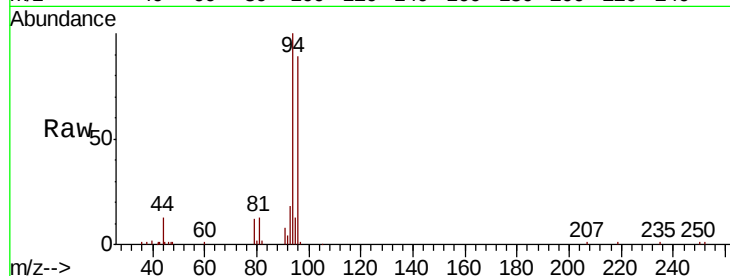
Acq: 21 Sep 2018 15:21

Tot Ion: 94 Resp: 63993

Ion Ratio Lower Upper

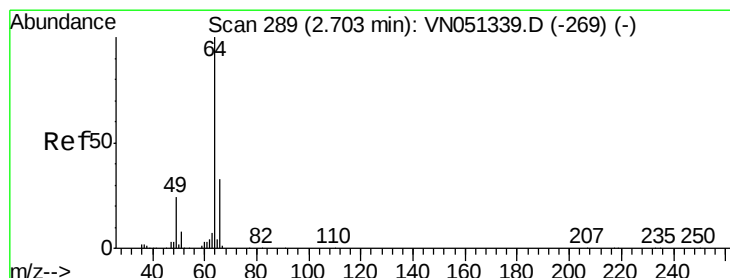
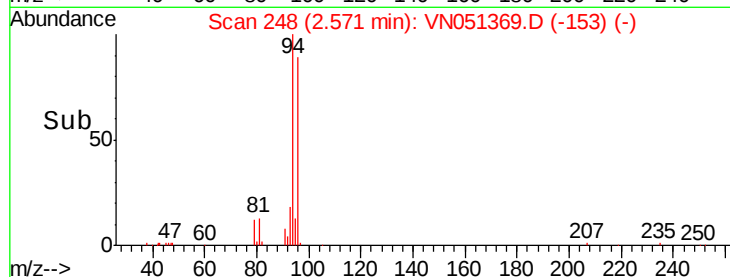
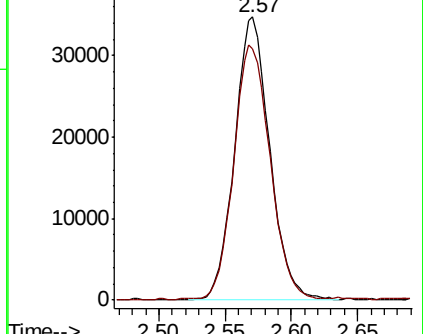
94 100

96 88.0 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.302 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051369.D

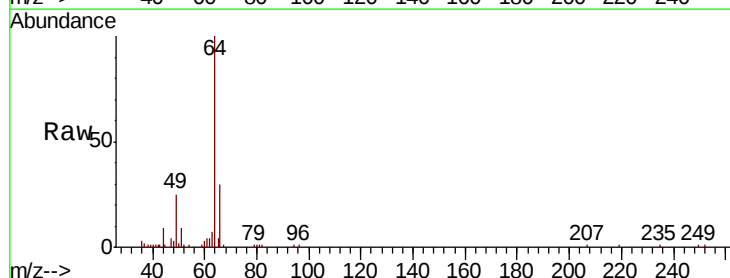
Acq: 21 Sep 2018 15:21

Tgt Ion: 64 Resp: 56352

Ion Ratio Lower Upper

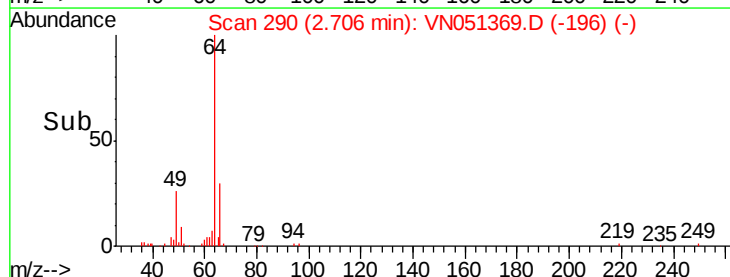
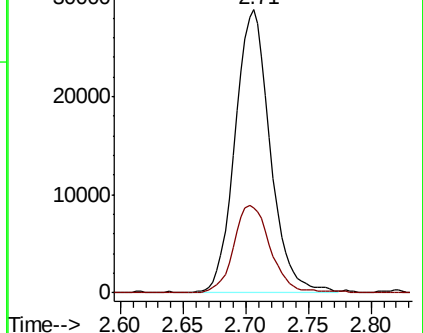
64 100

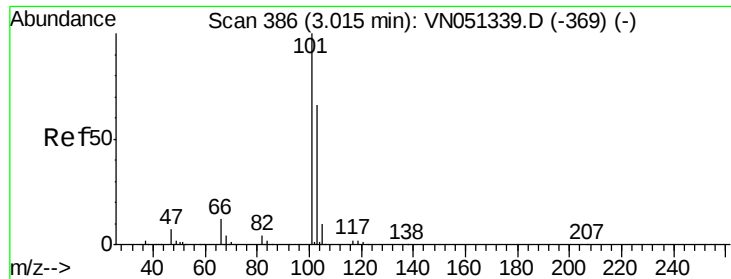
66 30.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

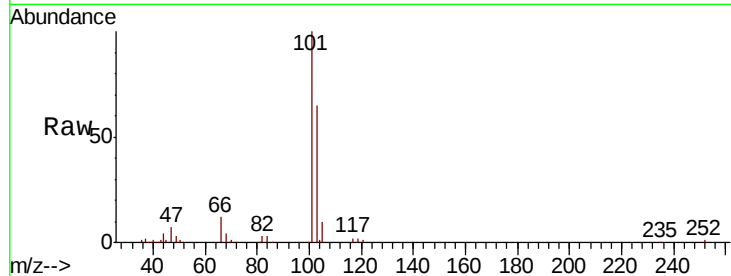




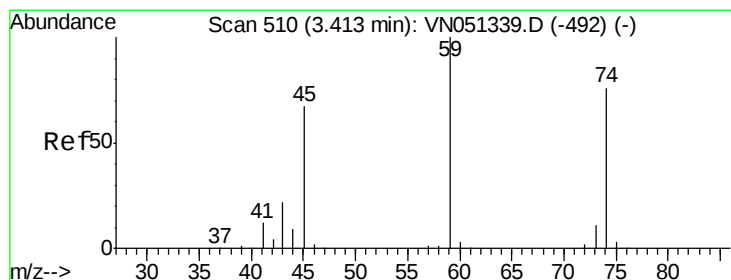
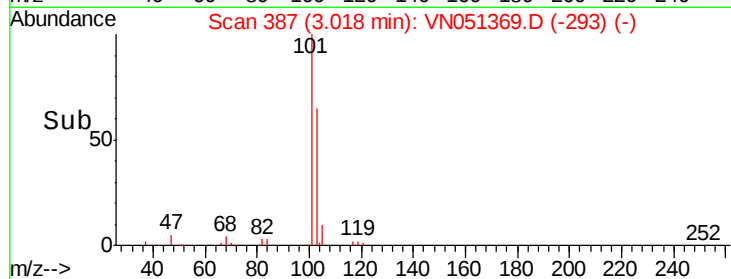
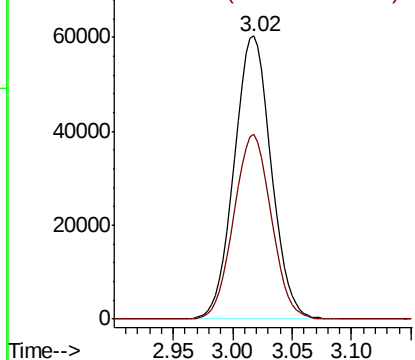
#7

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



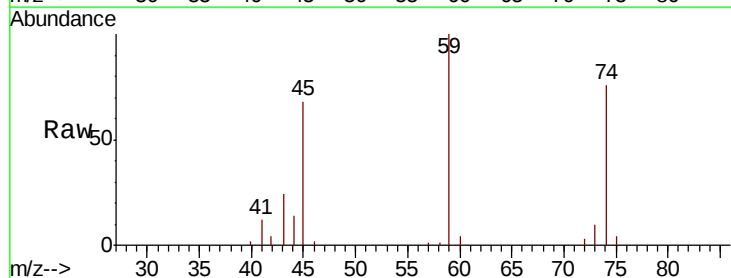
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



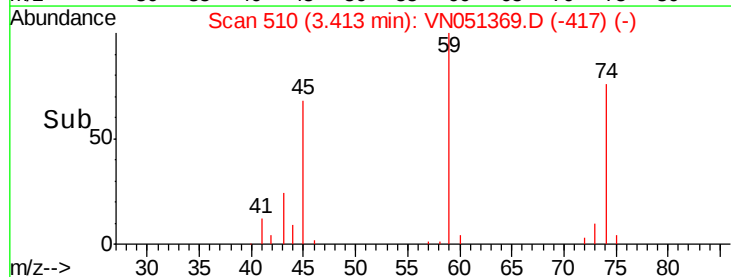
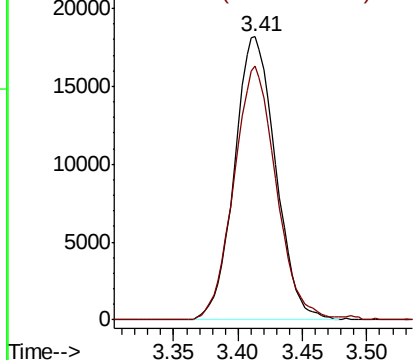
#8

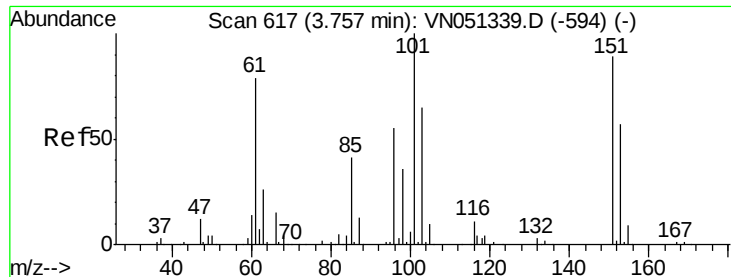
Diethyl Ether
Concen: 20.579 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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

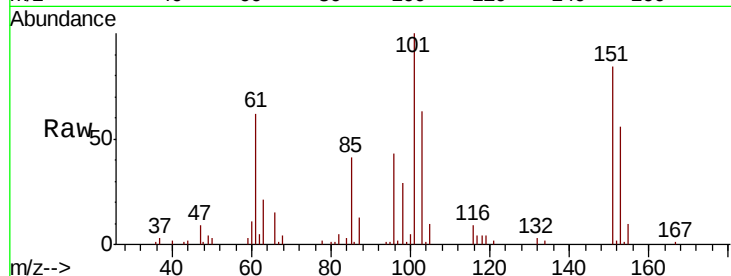
Tot Ion:101 Resp: 78739

Ion Ratio Lower Upper

101 100

85 40.7 33.4 50.2

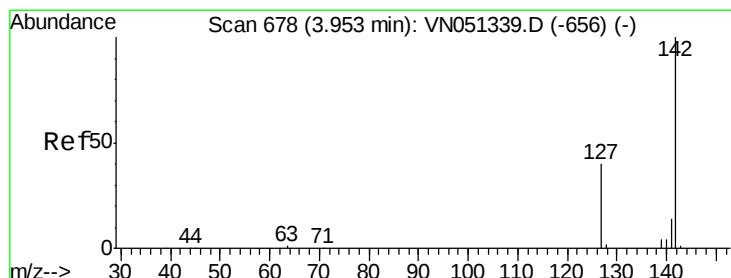
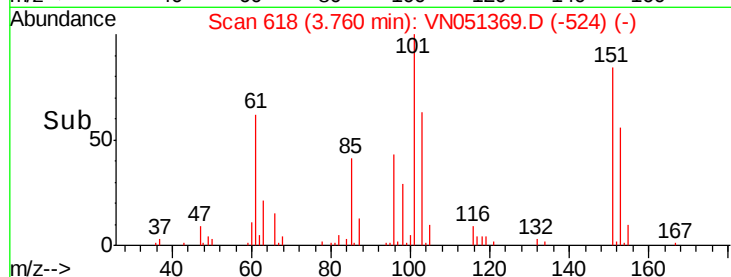
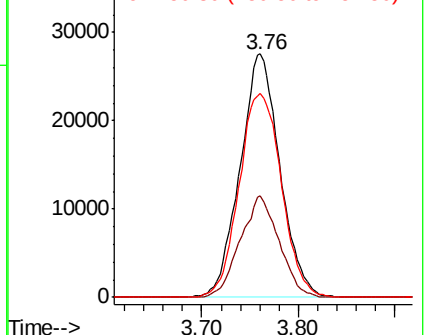
151 89.0 71.8 107.6



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

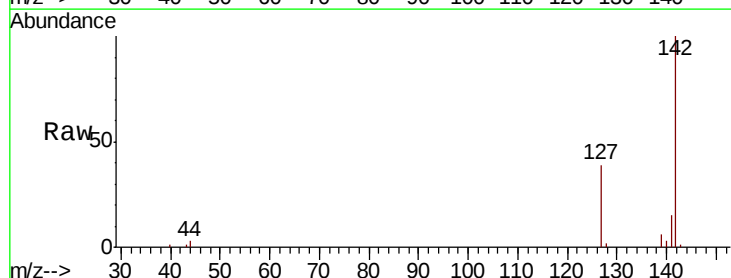
Tgt Ion:142 Resp: 96605

Ion Ratio Lower Upper

142 100

127 38.7 31.9 47.9

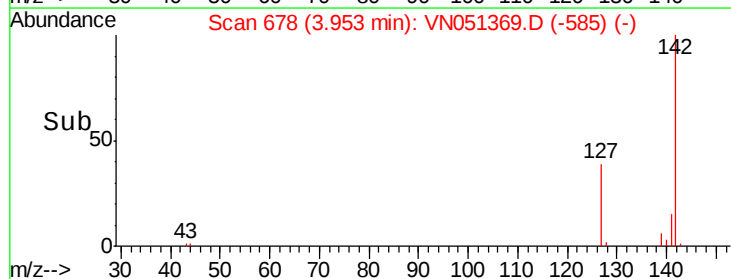
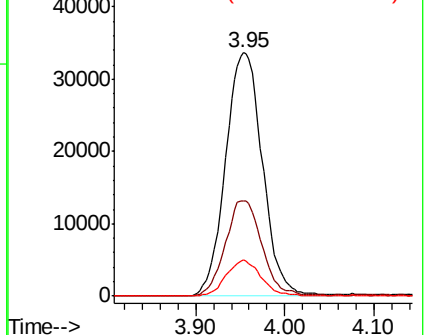
141 13.8 11.4 17.0

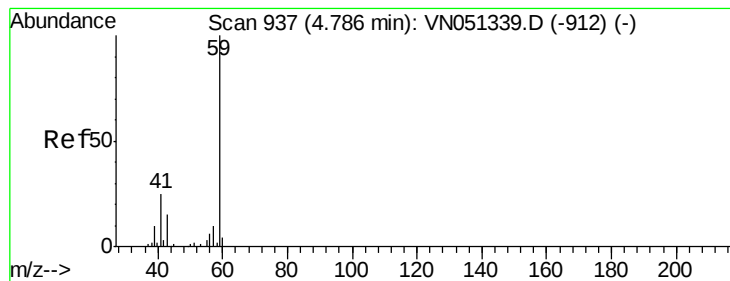


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

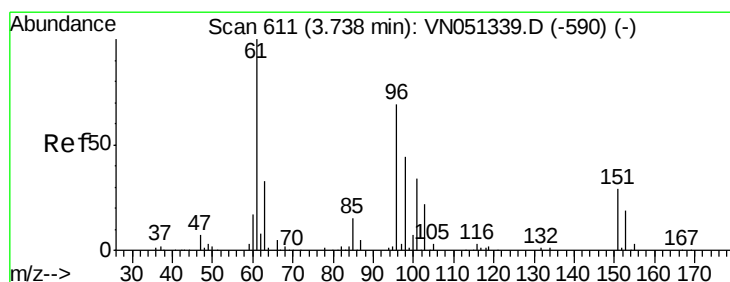
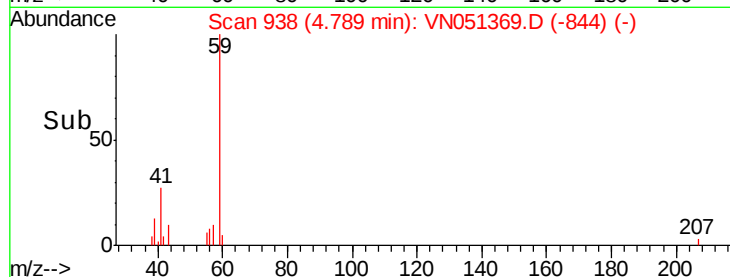
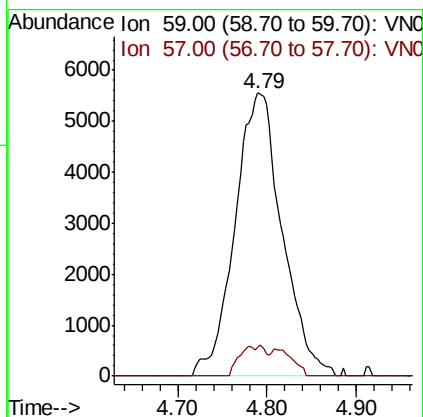
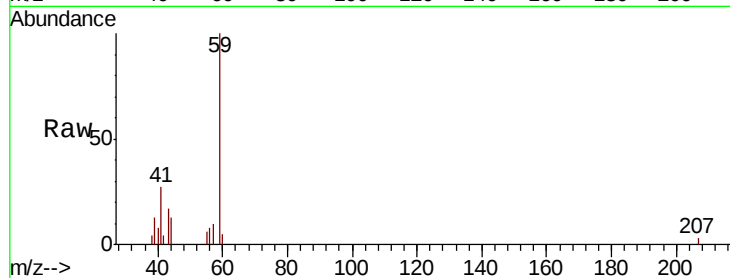




#11

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

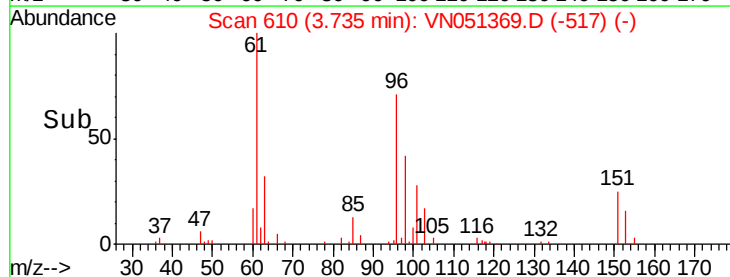
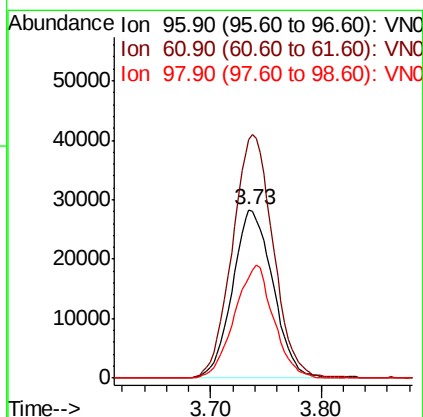
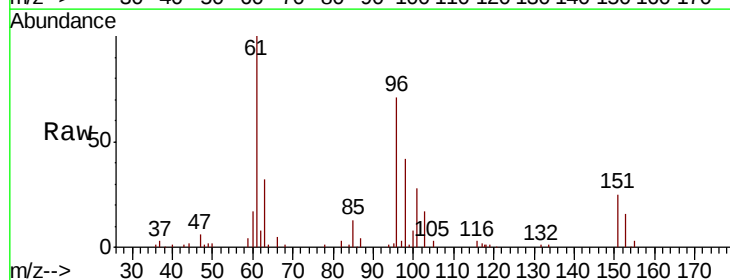
Tot Ion: 59 Resp: 20486
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

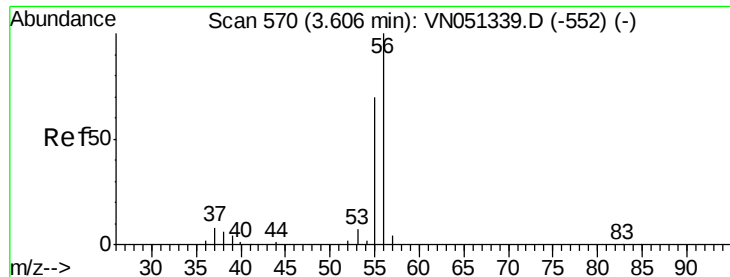


#12

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

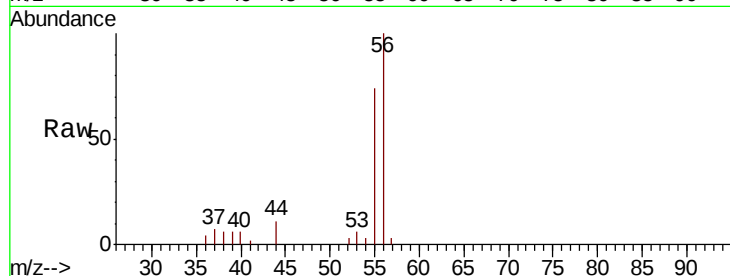
Acq: 21 Sep 2018 15:21

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

3.61

10000

8000

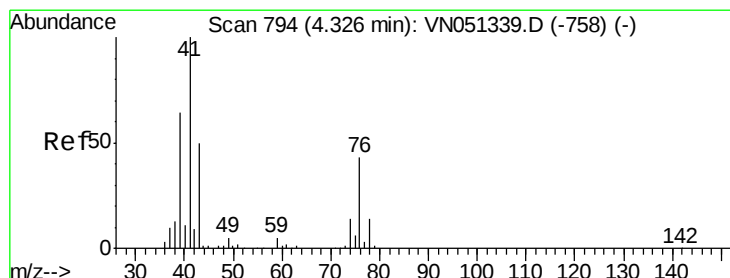
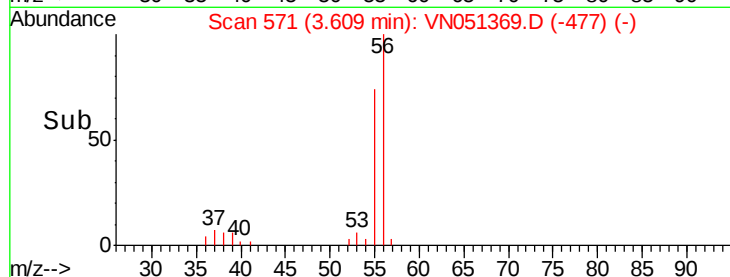
6000

4000

2000

0

Time--> 3.50 3.60 3.70



#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

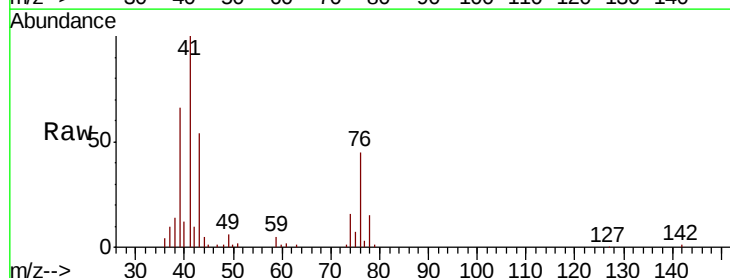
Tgt Ion: 41 Resp: 98342

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

4.33

40000

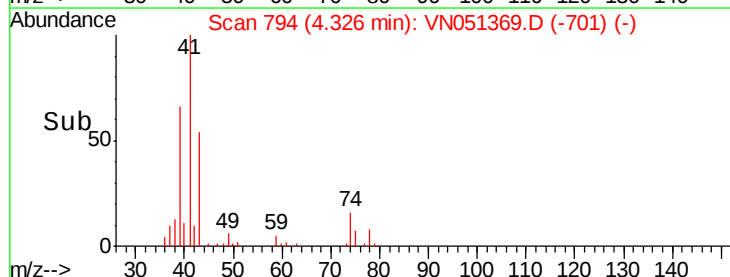
30000

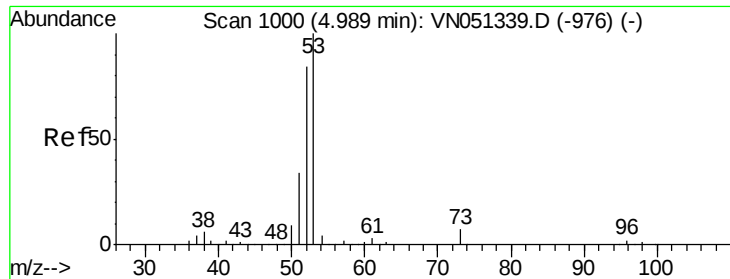
20000

10000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 105.638 ug/l

RT: 5.00 min Scan# 1002

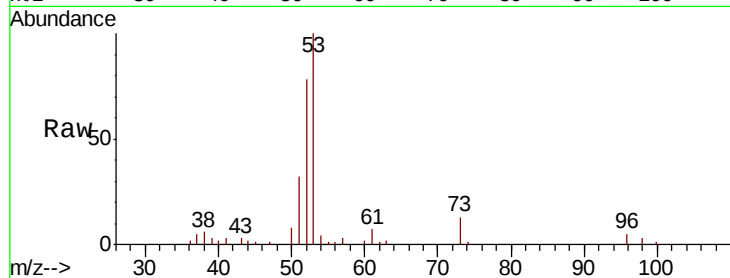
Delta R.T. 0.00 min

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

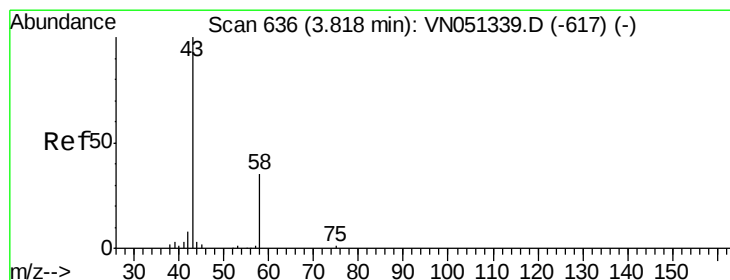
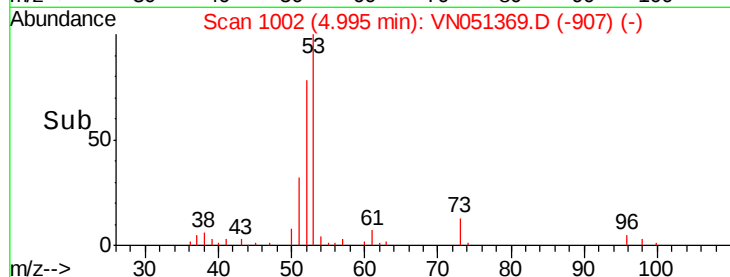
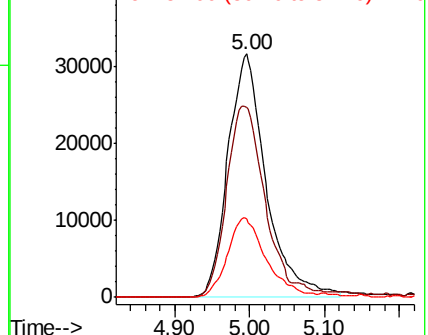


Abundance

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

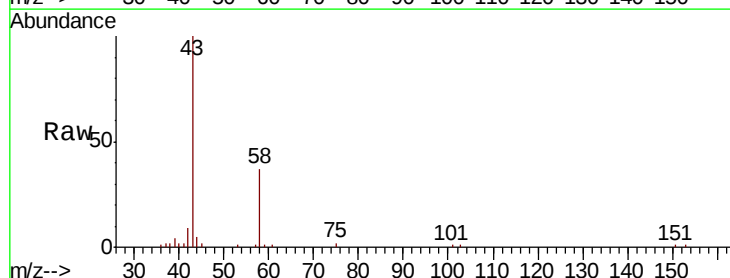
Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tgt Ion: 43 Resp: 78543

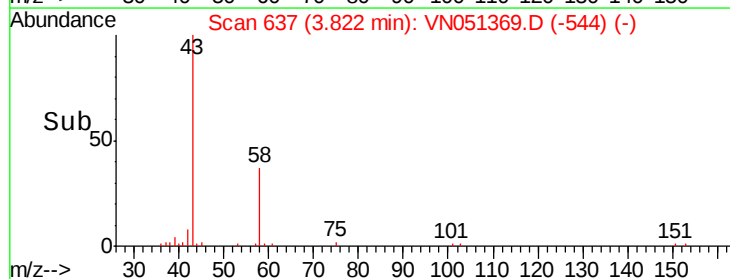
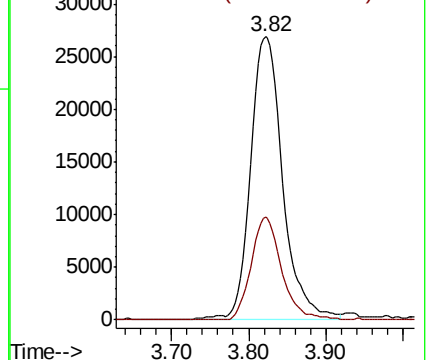
Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.3	42.5

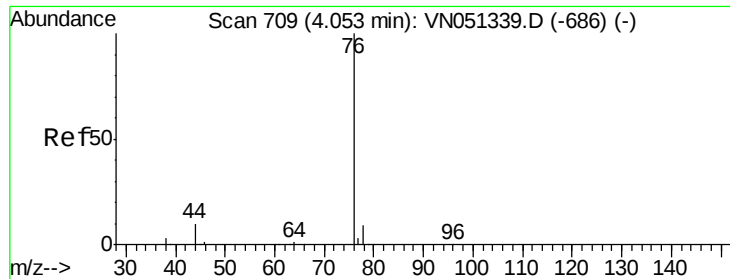


Abundance

Ion 43.00 (42.70 to 43.70): VN0

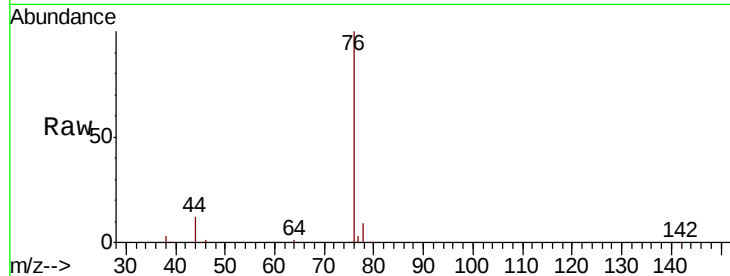
Ion 58.00 (57.70 to 58.70): VN0



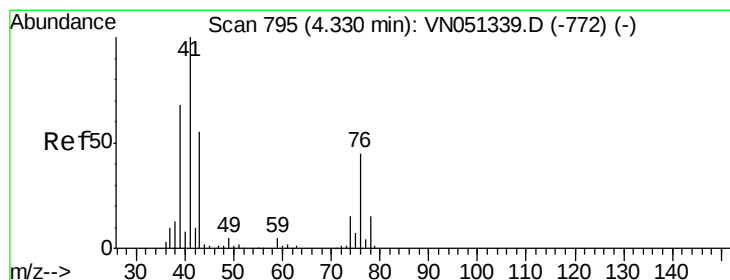
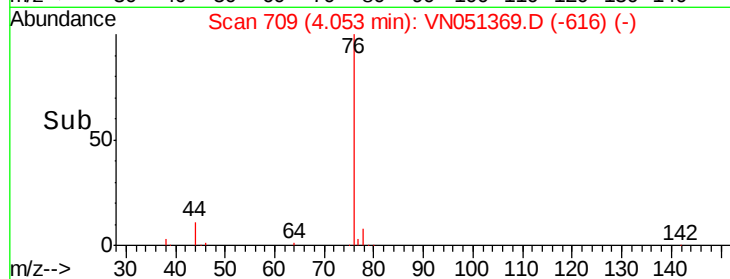
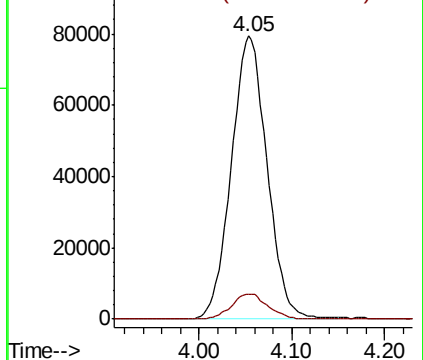


#17
Carbon Disulfide
Concen: 20.580 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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

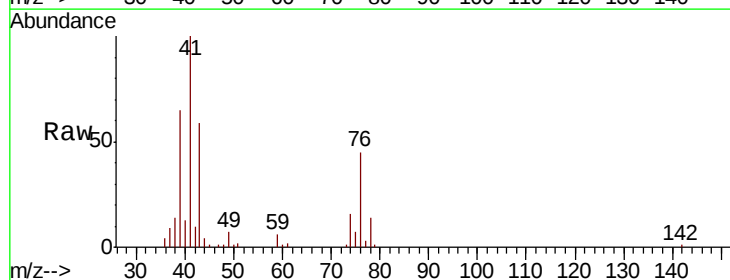


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

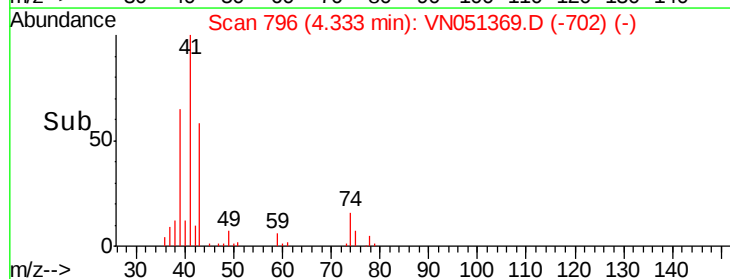
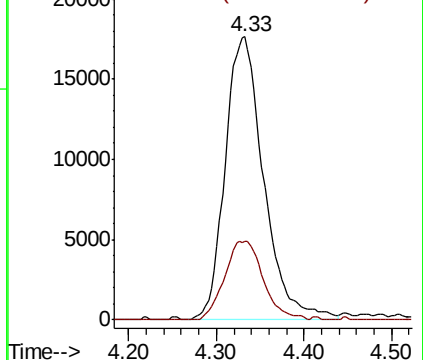


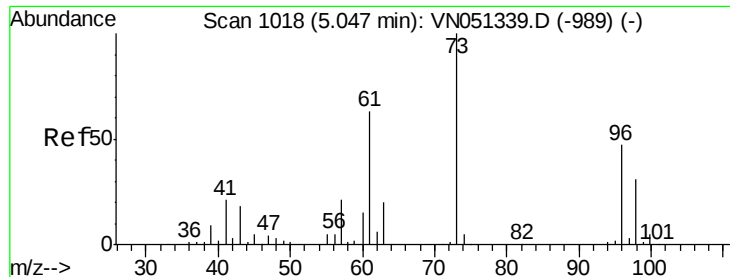
#18
Methyl Acetate
Concen: 22.535 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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



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

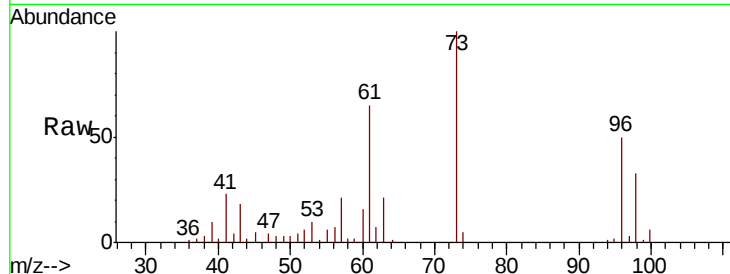




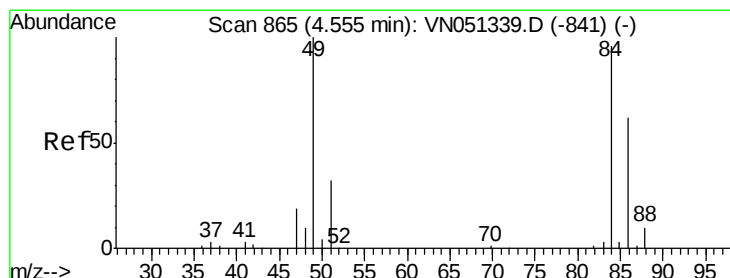
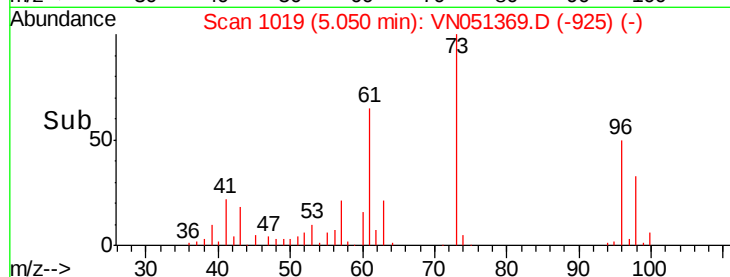
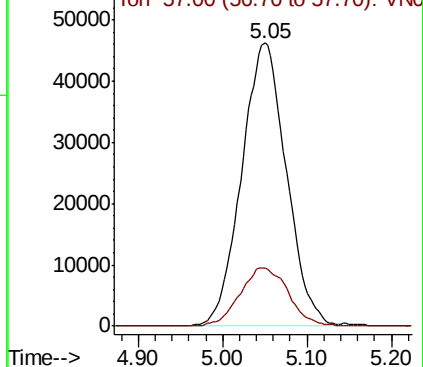
#19

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



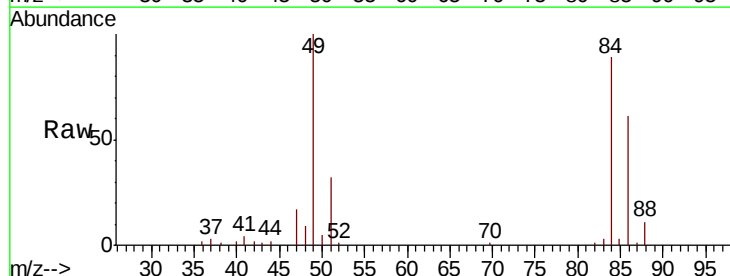
Abundance Ion 73.00 (72.70 to 73.70): VN051339.D (-989) (-)
 Ion 57.00 (56.70 to 57.70): VN051339.D (-989) (-)



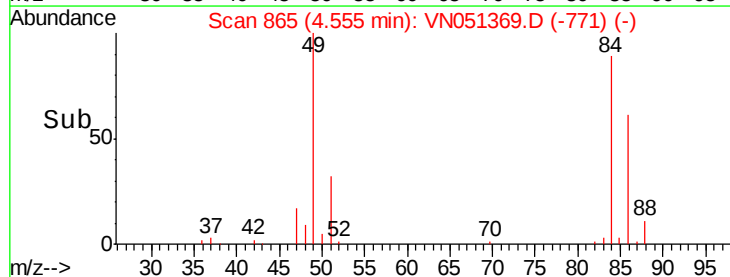
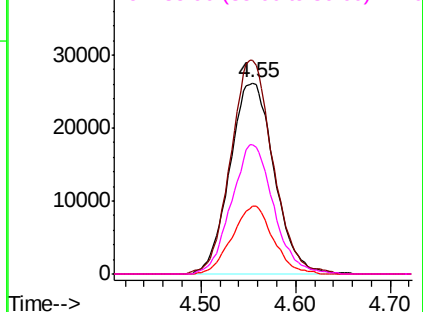
#20

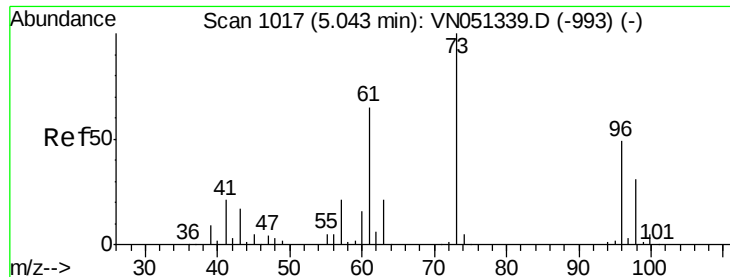
Methylene Chloride
 Concen: 21.000 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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) (-)

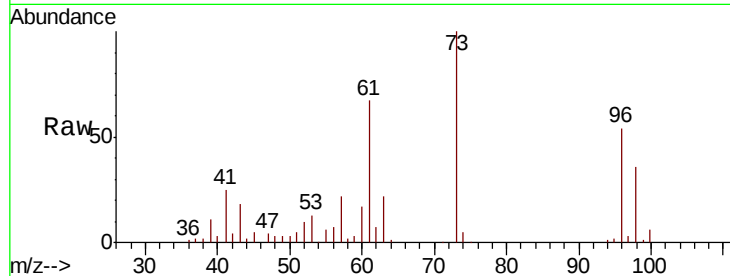




#21

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	Ratio	Lower	Upper
96	100		
61	122.7	106.2	159.4
98	65.7	51.0	76.6

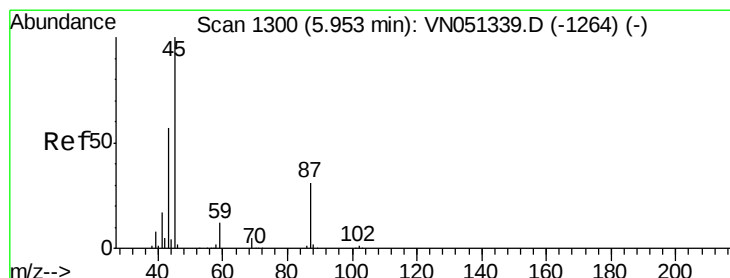
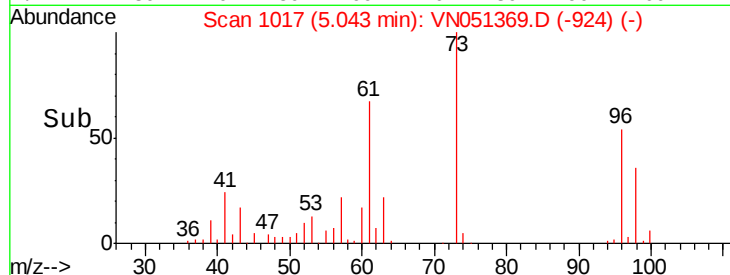
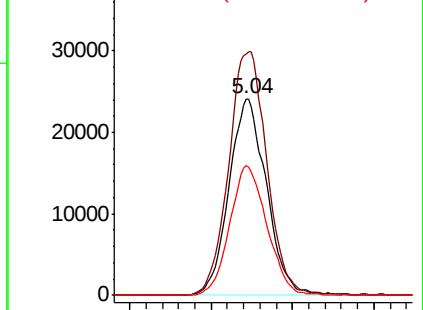


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

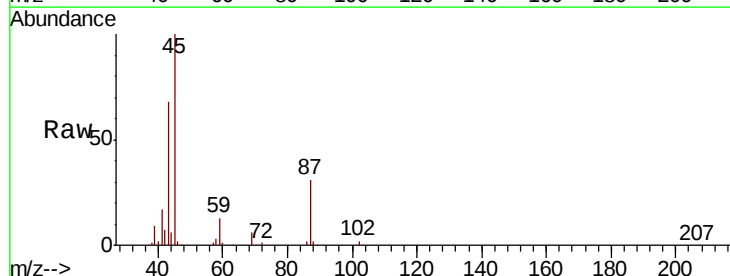
Ion 97.90 (97.60 to 98.60): VN0



#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	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



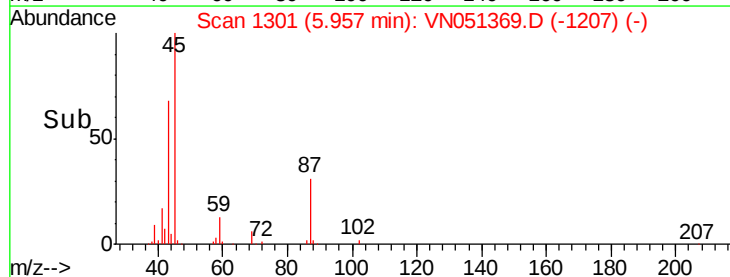
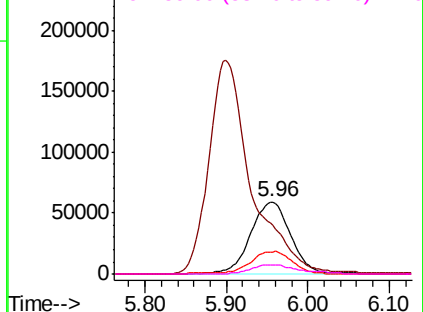
Abundance

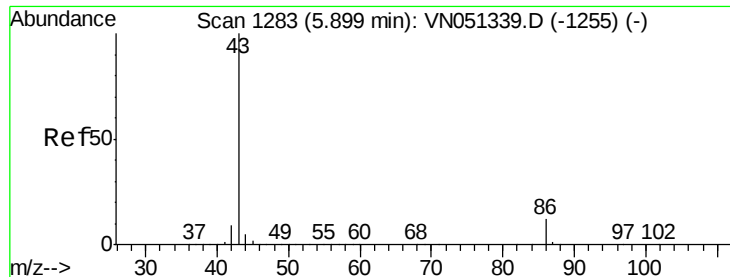
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

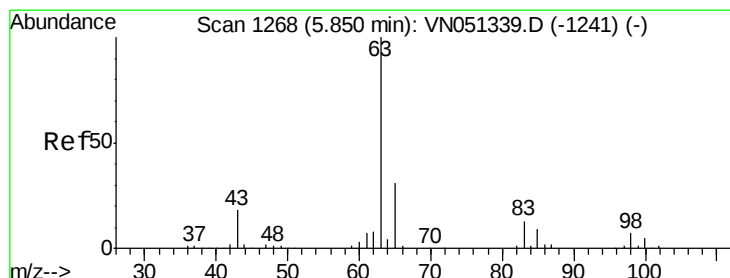
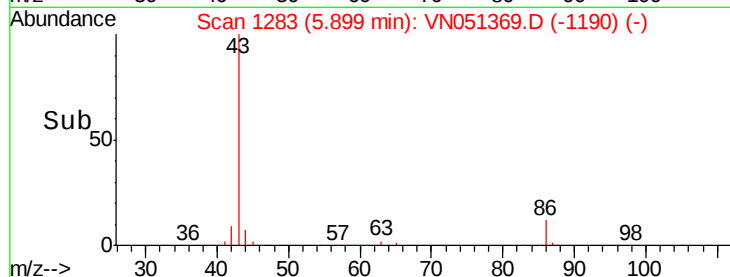
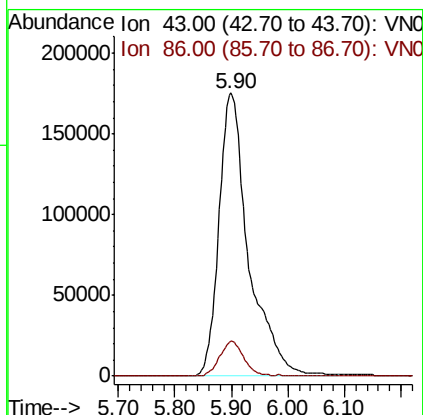
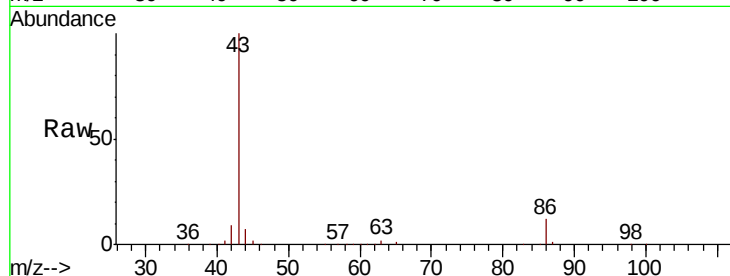
Ion 59.00 (58.70 to 59.70): VN0





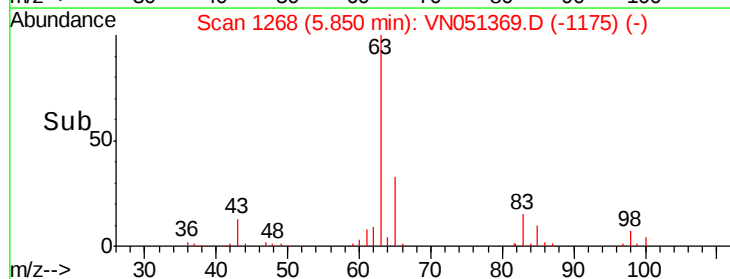
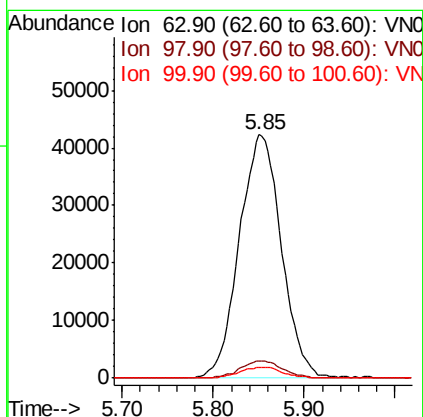
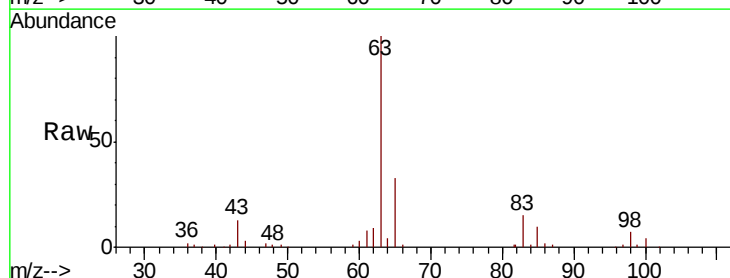
#23
 Vinyl Acetate
 Concen: 104.223 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

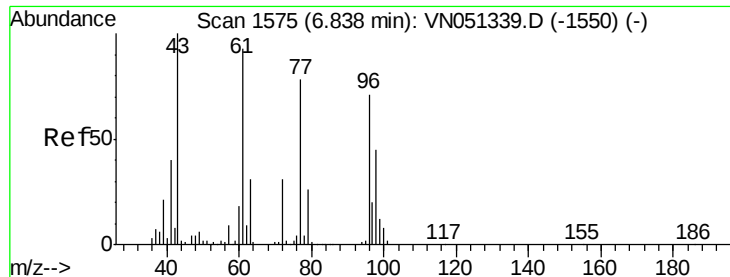
Tot Ion: 43 Resp: 641589
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#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

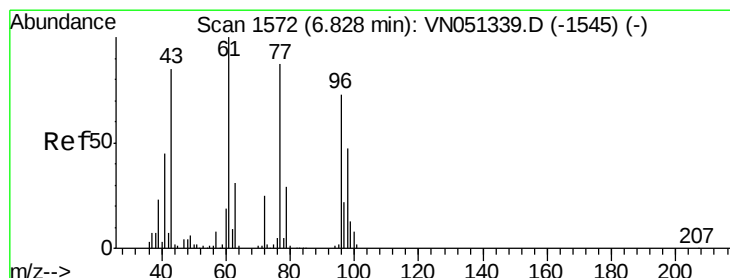
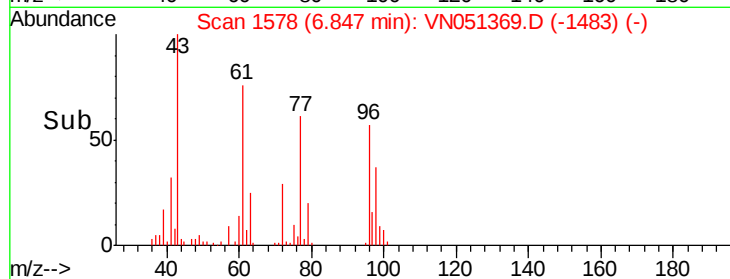
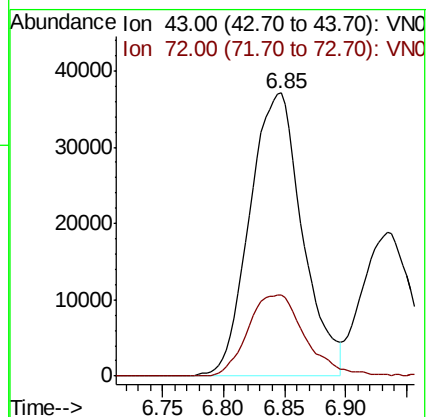
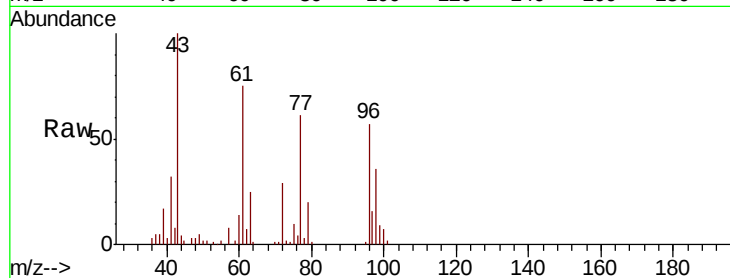
Acq: 21 Sep 2018 15:21

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

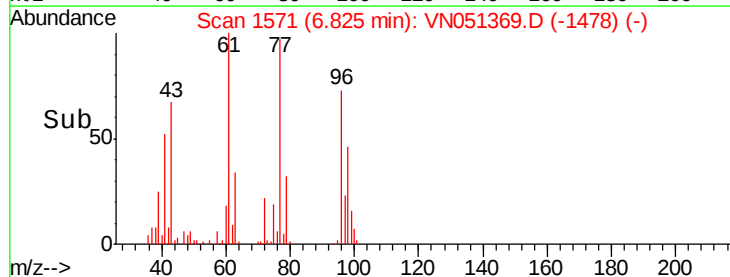
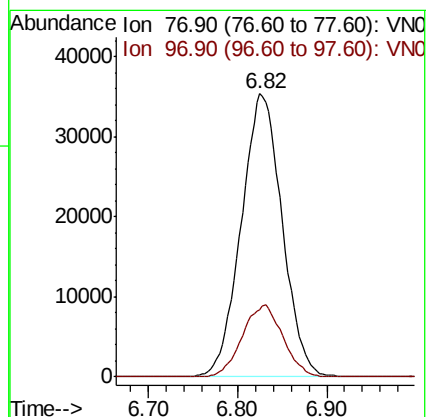
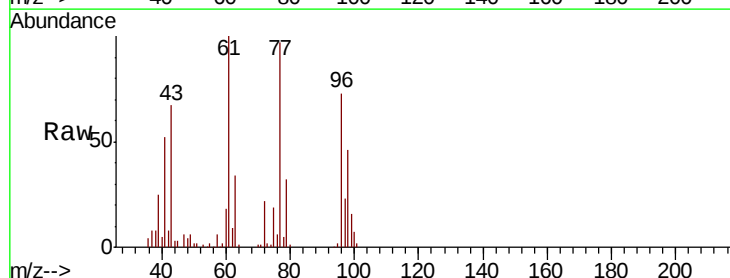
Acq: 21 Sep 2018 15:21

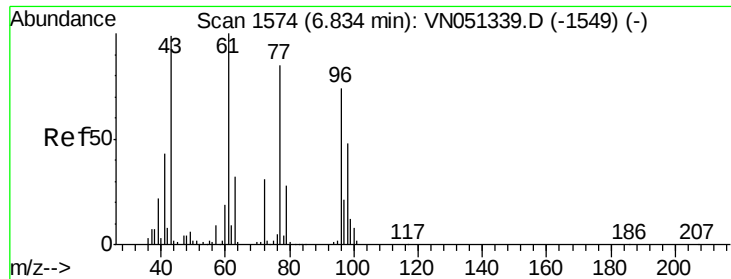
Tgt Ion: 77 Resp: 112797

Ion Ratio Lower Upper

77 100

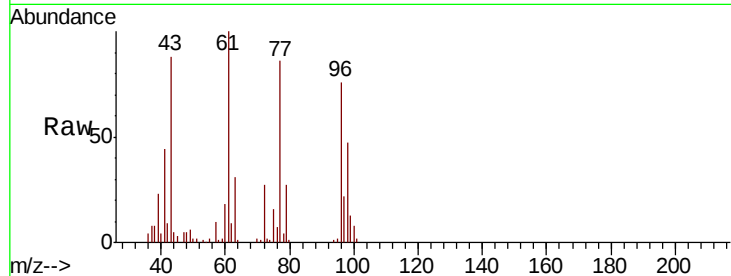
97 25.2 12.2 36.6



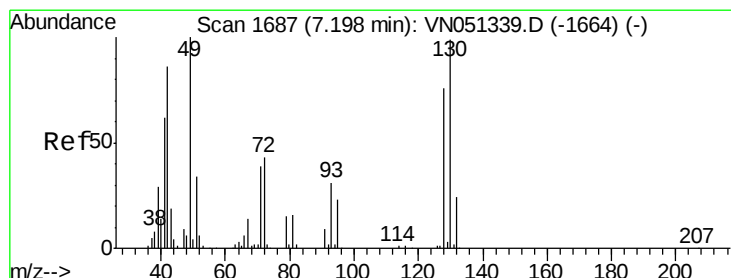
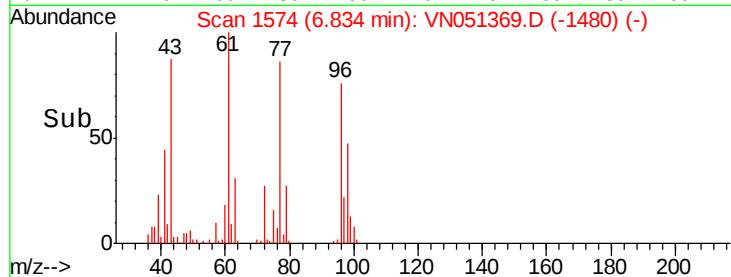
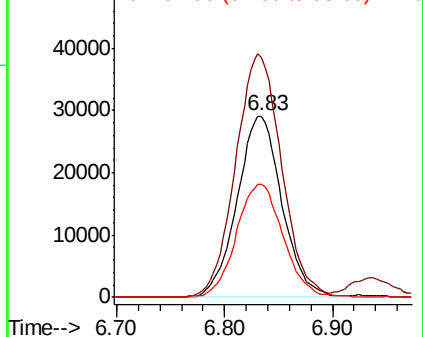


#27
 cis-1,2-Dichloroethene
 Concen: 20.990 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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

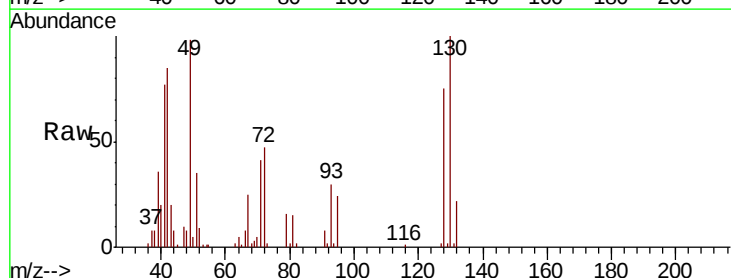


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

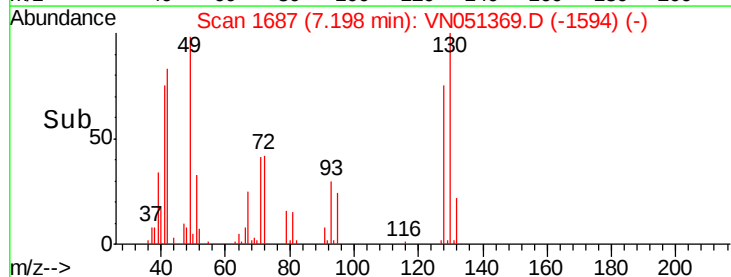
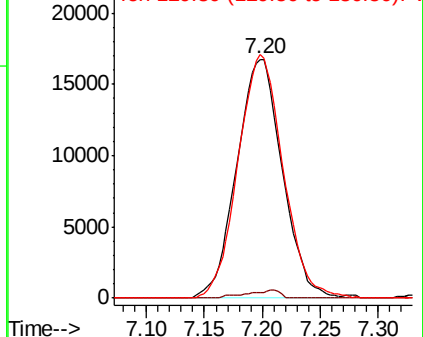


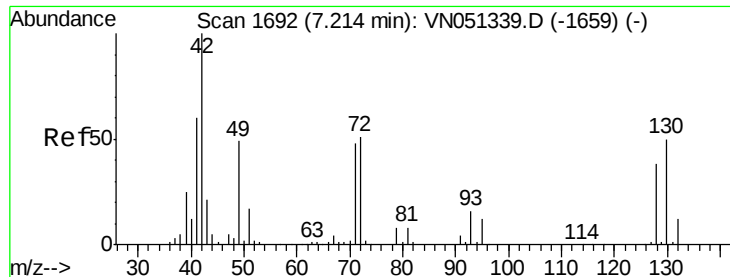
#28
 Bromochloromethane
 Concen: 17.072 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#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

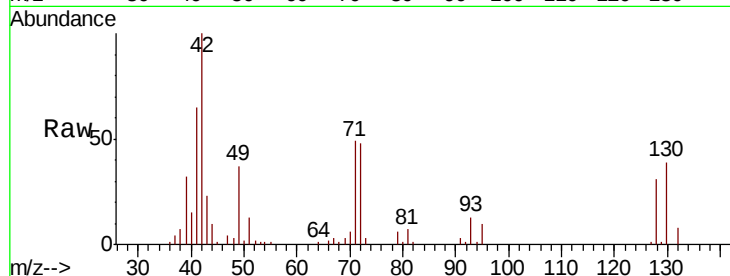
Tot Ion: 42 Resp: 73330

Ion Ratio Lower Upper

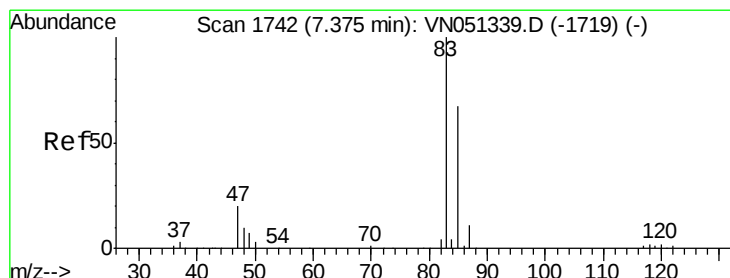
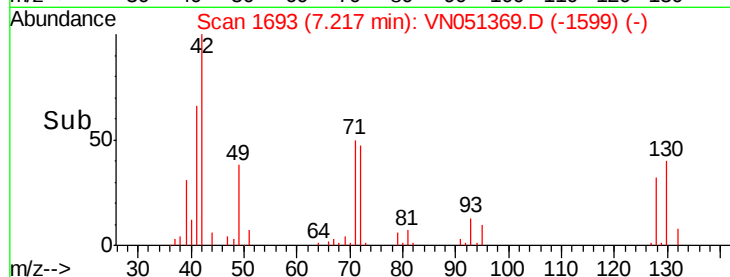
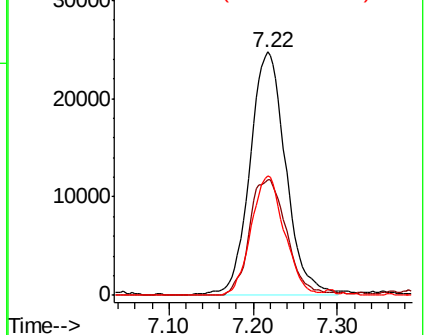
42 100

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

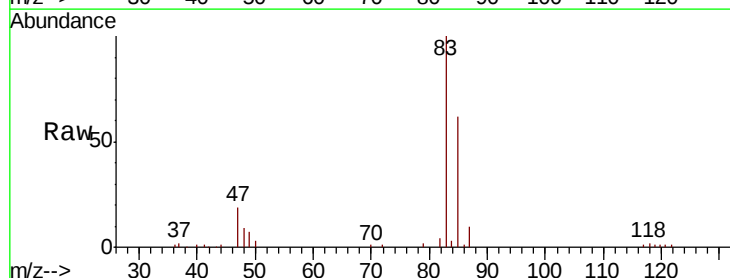
Acq: 21 Sep 2018 15:21

Tgt Ion: 83 Resp: 146484

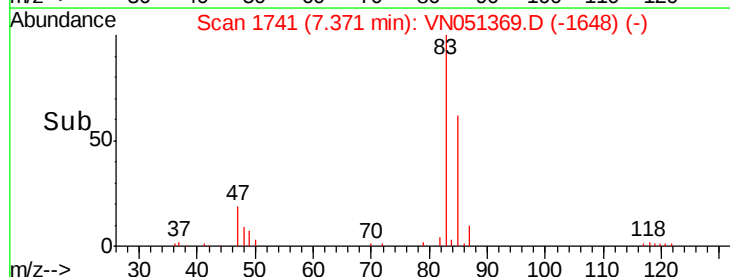
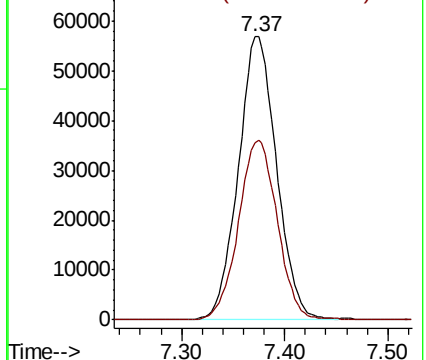
Ion Ratio Lower Upper

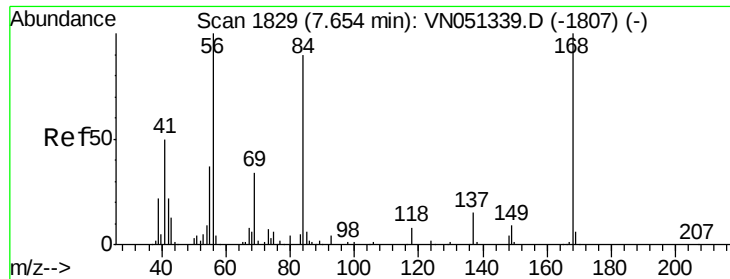
83 100

85 62.4 53.2 79.8



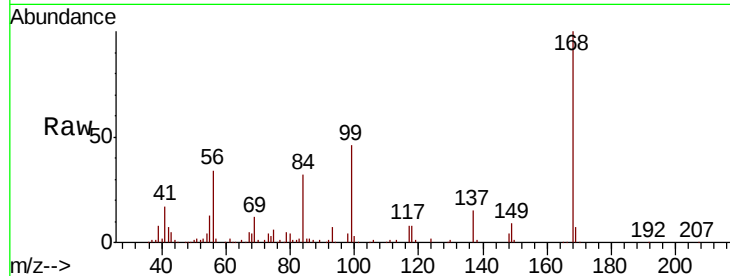
Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0



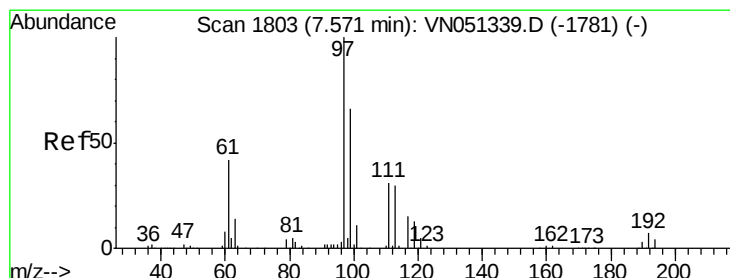
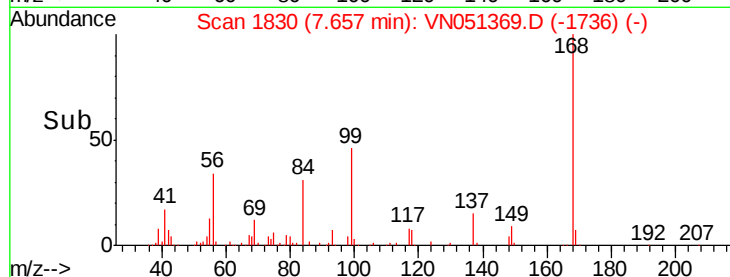
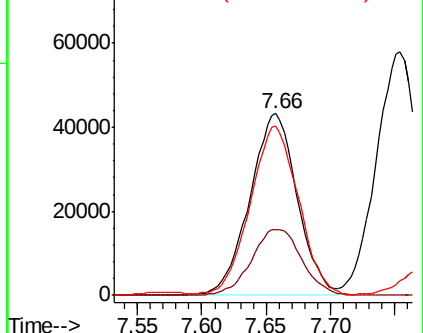


#31
Cyclohexane
Concen: 19.176 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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

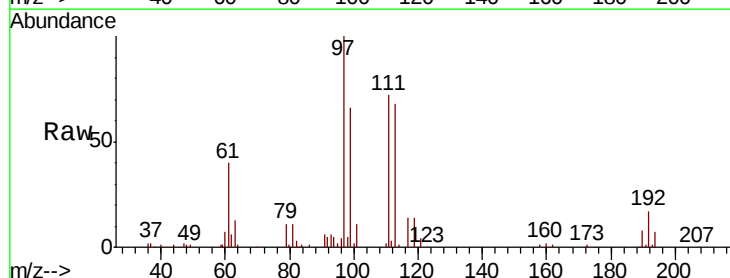


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

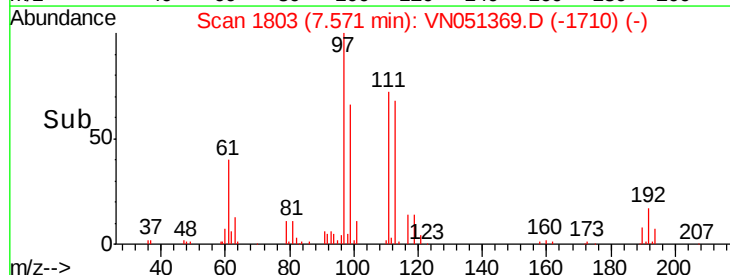
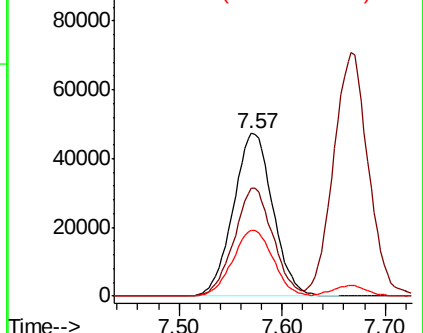


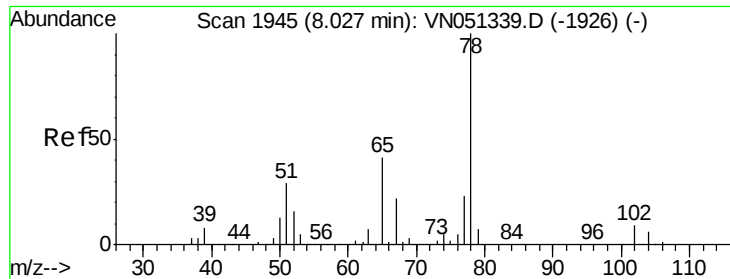
#32
1,1,1-Trichloroethane
Concen: 21.474 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#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

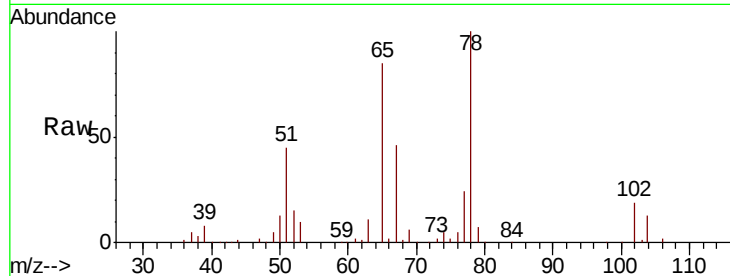
Acq: 21 Sep 2018 15:21

Tot Ion: 65 Resp: 195940

Ion Ratio Lower Upper

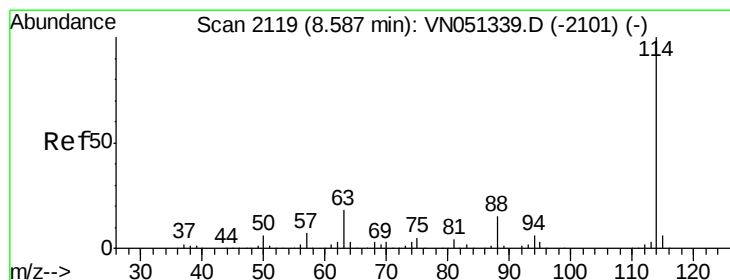
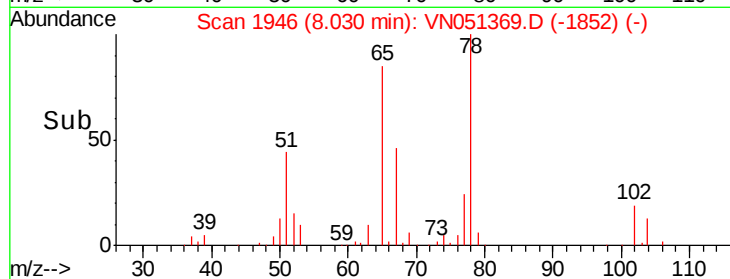
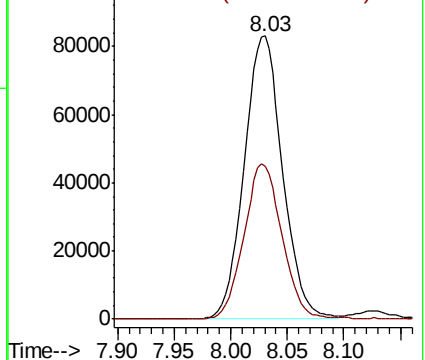
65 100

67 54.4 0.0 108.8



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

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



#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

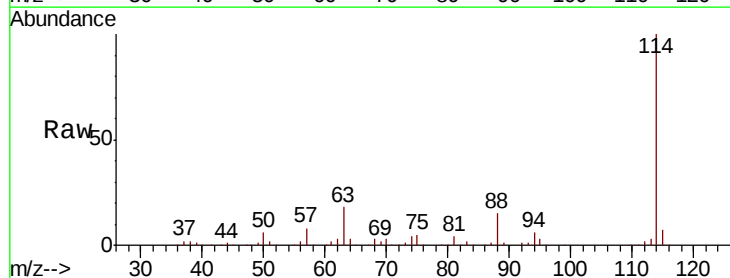
Tgt Ion: 114 Resp: 496892

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

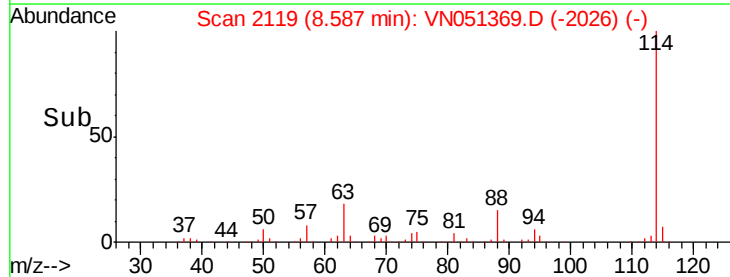
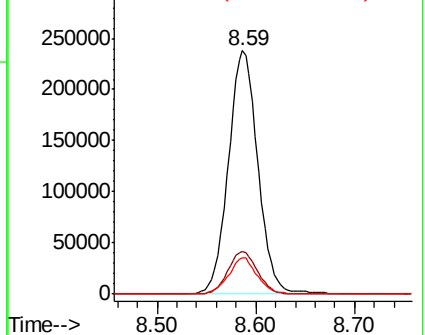
88 15.1 0.0 29.8

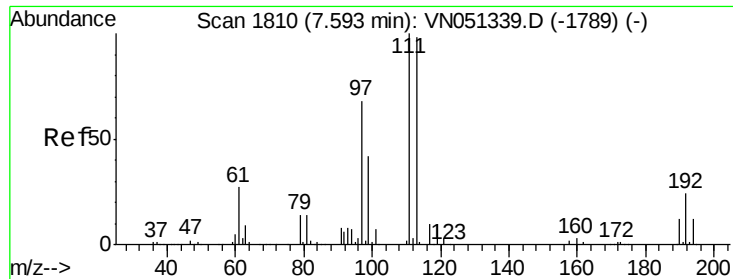


Abundance Ion 113.90 (113.60 to 114.60): VN051339.D (-2101) (-)

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

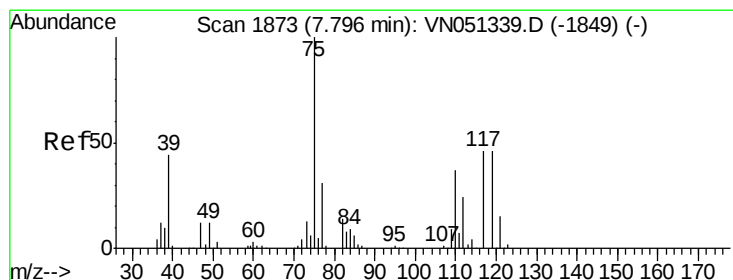
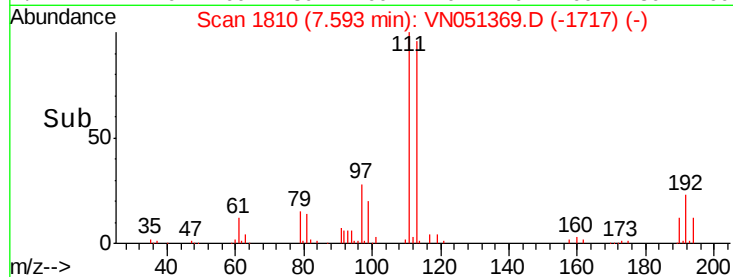
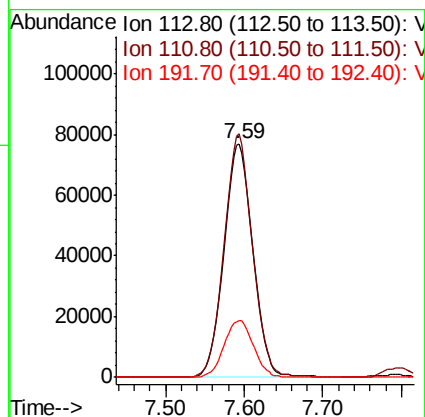
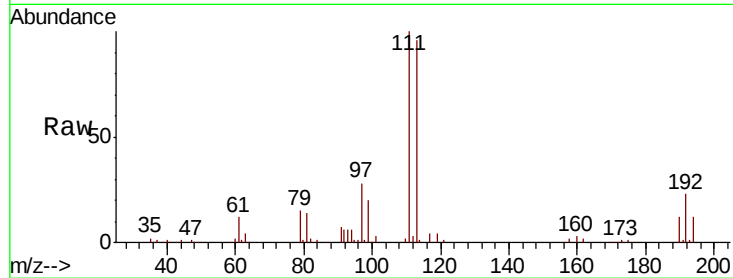
Ion 87.90 (87.60 to 88.60): VN051339.D (-2101) (-)





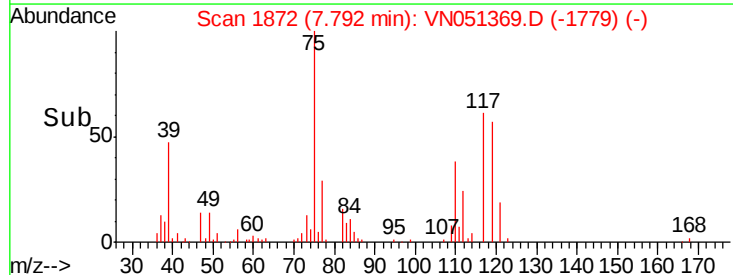
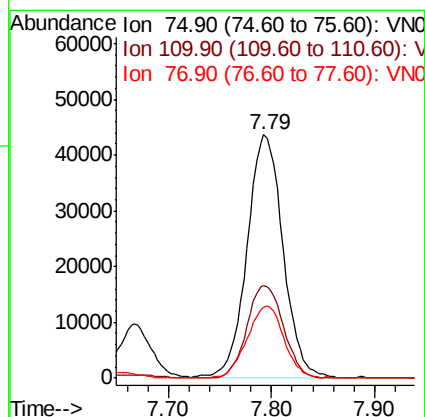
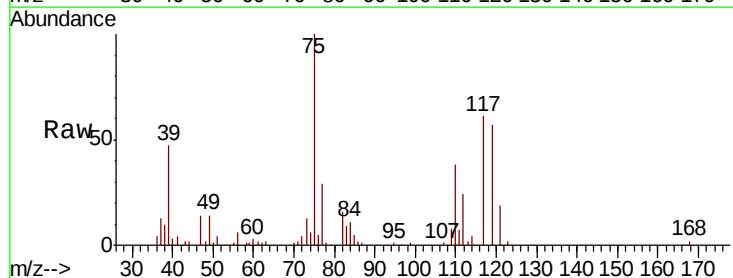
#35
 Dibromofluoromethane
 Concen: 48.671 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

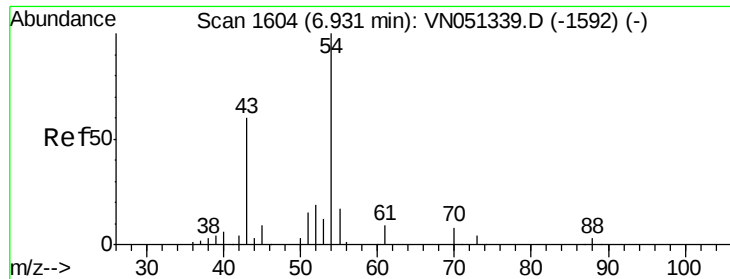
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	24.6	19.8	29.6



#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

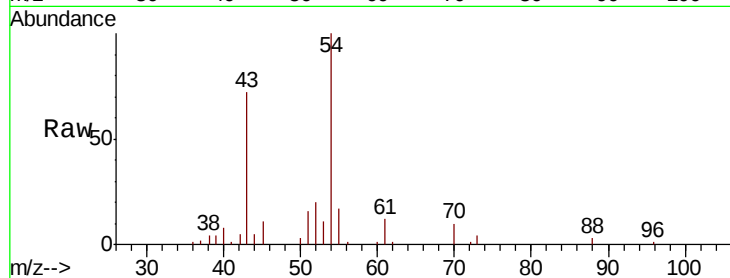
Tot Ion: 43 Resp: 54679

Ion Ratio Lower Upper

43 100

61 16.8 13.6 20.4

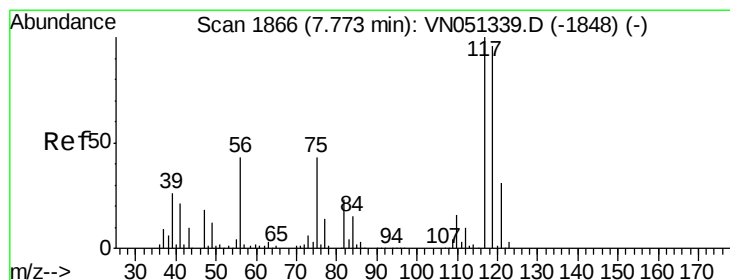
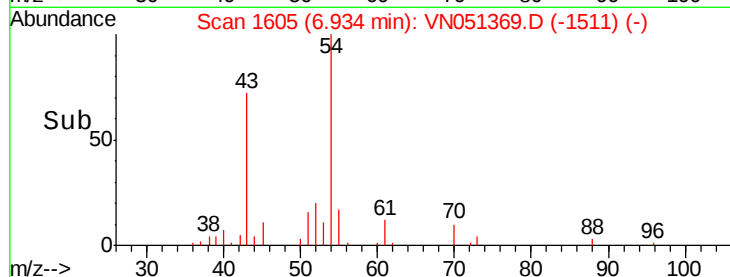
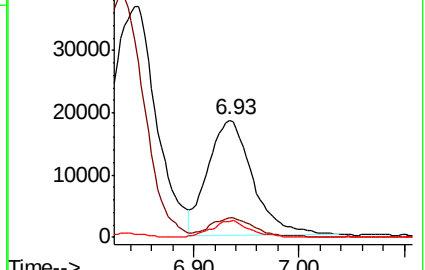
70 12.3 9.4 14.2



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

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

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



#38

Carbon Tetrachloride

Concen: 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

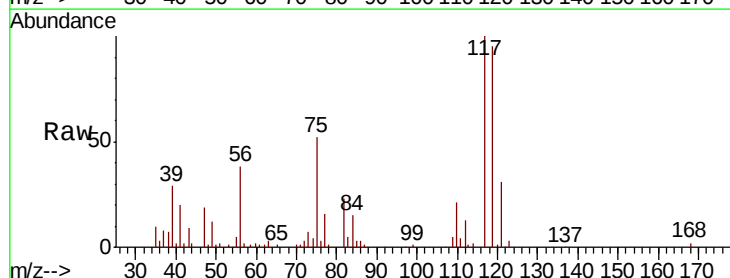
Tgt Ion: 117 Resp: 114670

Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.4

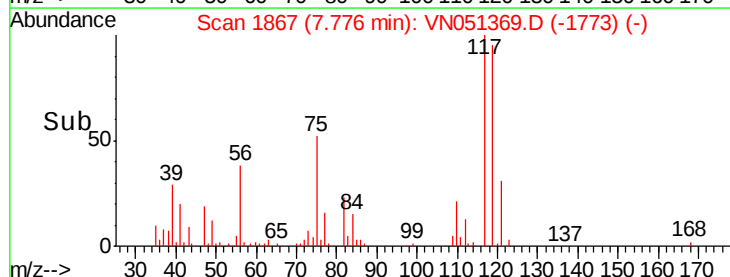
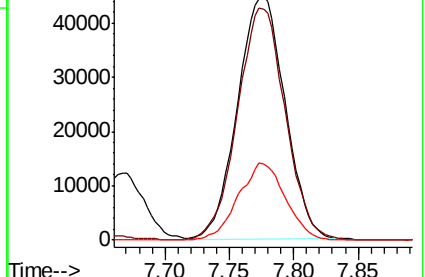
121 31.3 25.0 37.4

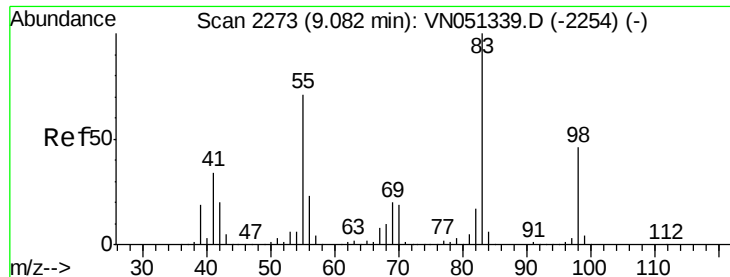


Abundance Ion 116.80 (116.50 to 117.50): VN051339.D (-1848) (-)

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

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

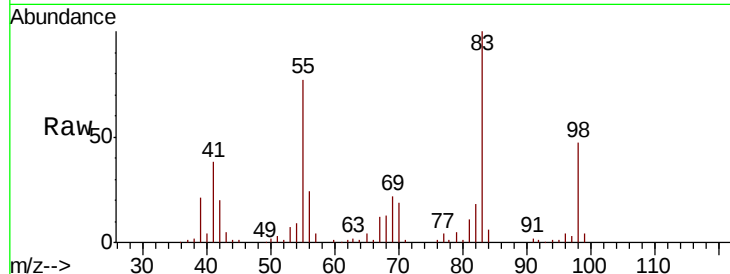




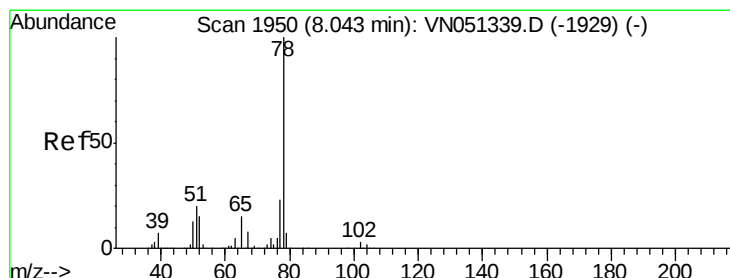
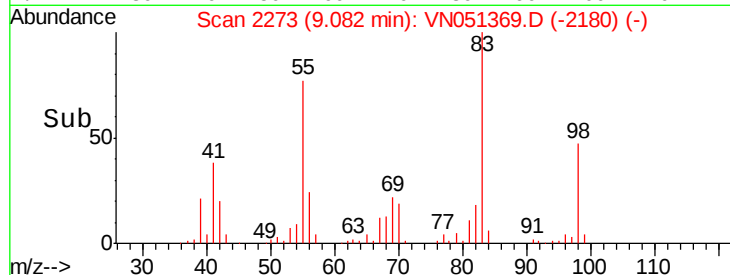
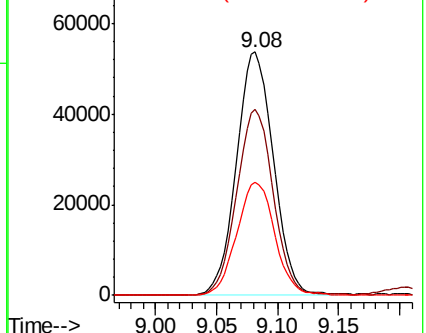
#39
Methvlcvclohexane
Concen: 19.067 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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



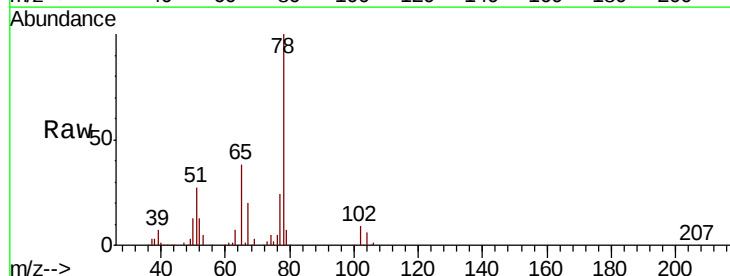
Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



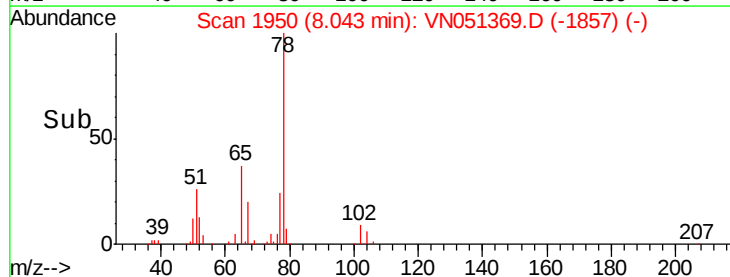
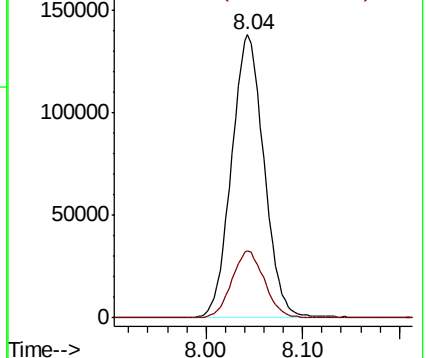
#40
Benzene
Concen: 21.130 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

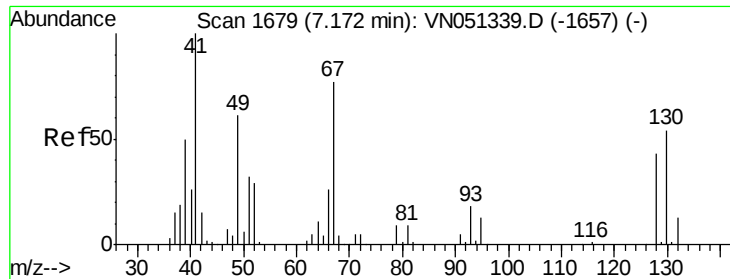
Tgt Ion: 78 Resp: 323599

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

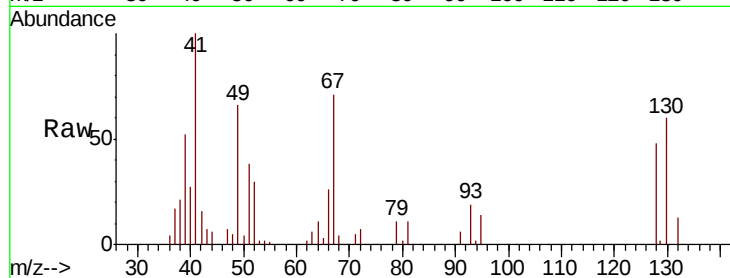
Delta R.T. -0.00 min

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



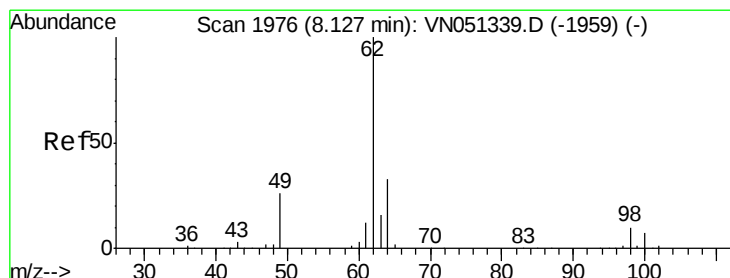
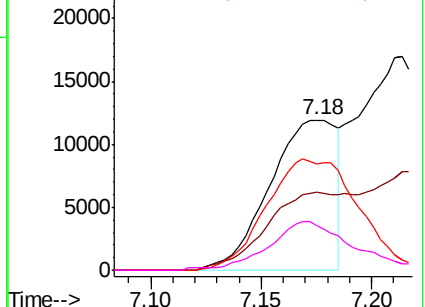
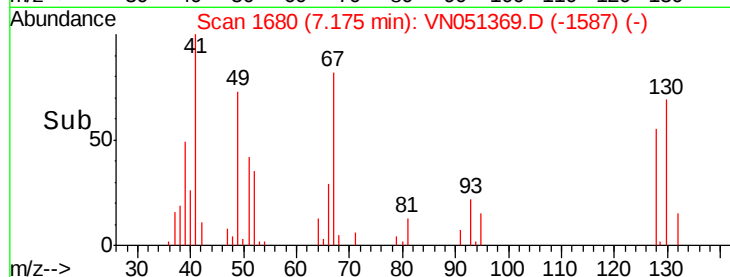
Abundance

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

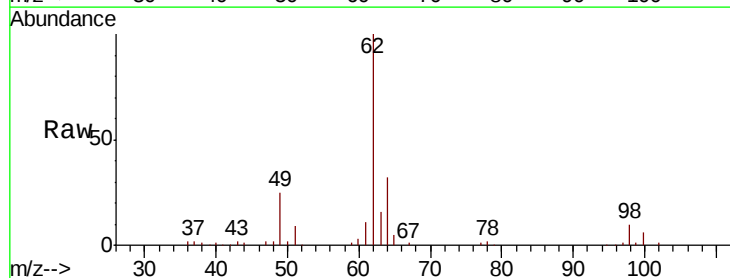
Delta R.T. 0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

Tgt Ion: 62 Resp: 97871

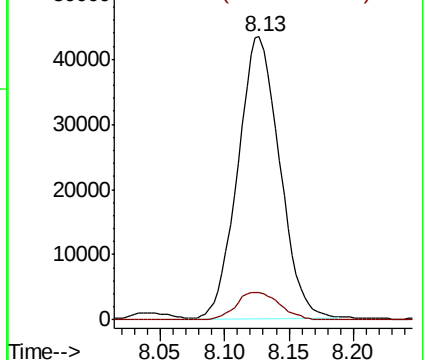
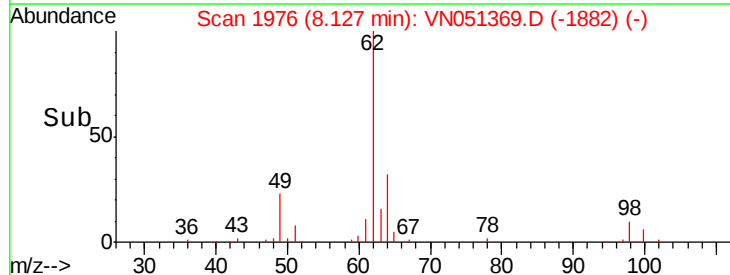
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6

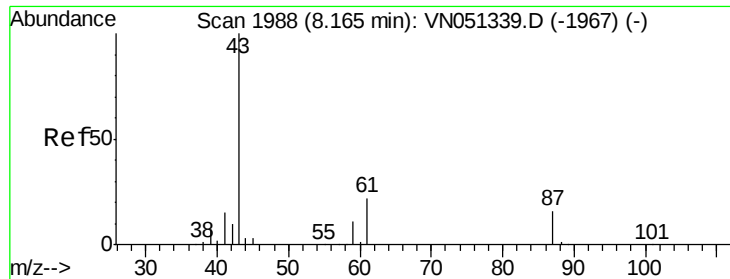


Abundance

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

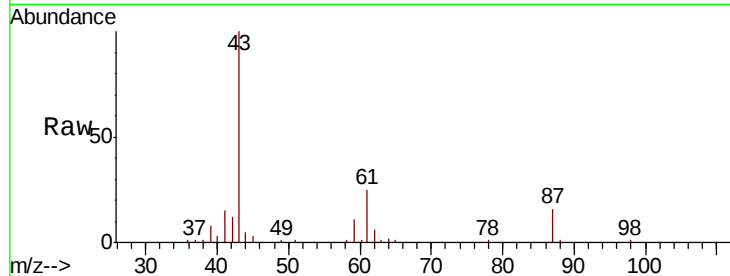
Tot Ion: 43 Resp: 95621

Ion Ratio Lower Upper

43 100

61 23.3 18.1 27.1

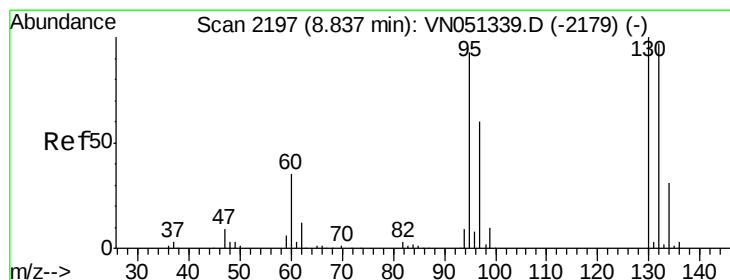
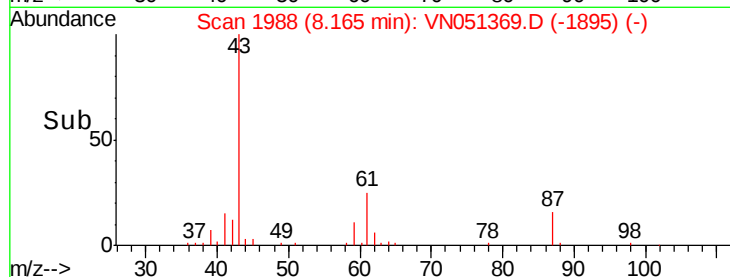
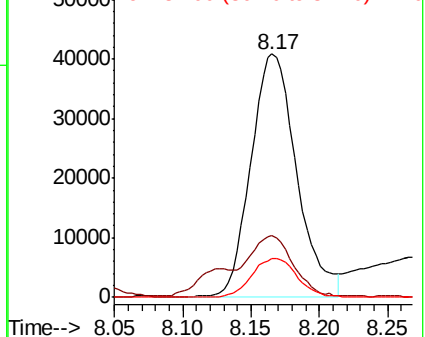
87 15.6 12.8 19.2



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

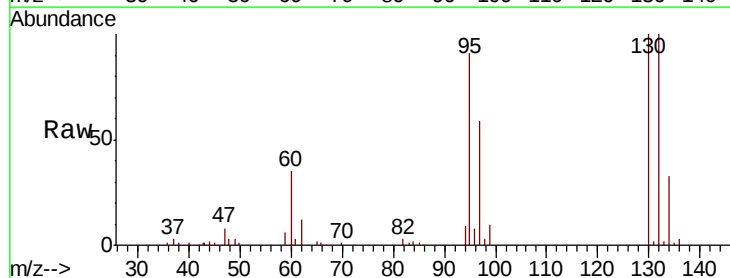
Acq: 21 Sep 2018 15:21

Tgt Ion: 130 Resp: 90523

Ion Ratio Lower Upper

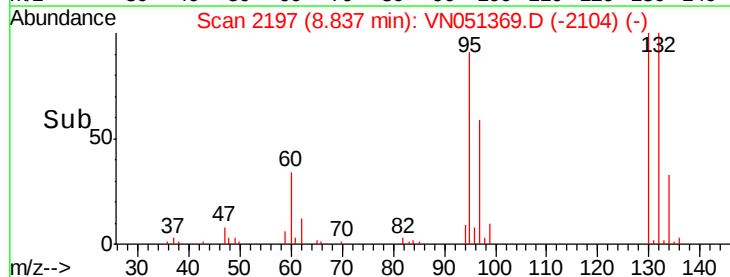
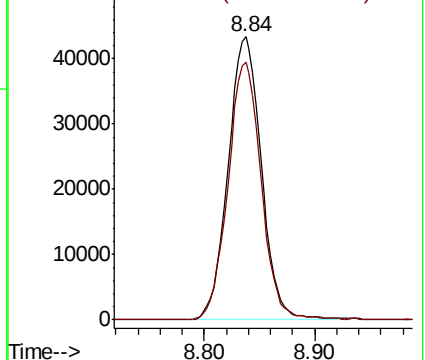
130 100

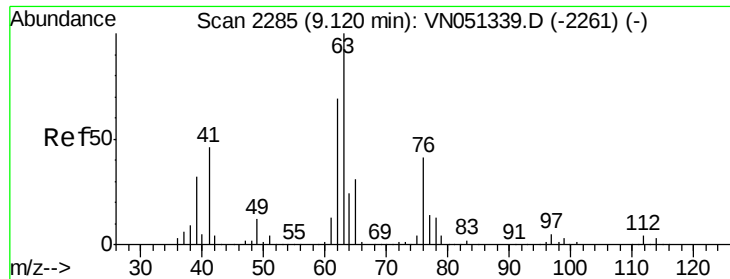
95 91.0 0.0 185.6



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

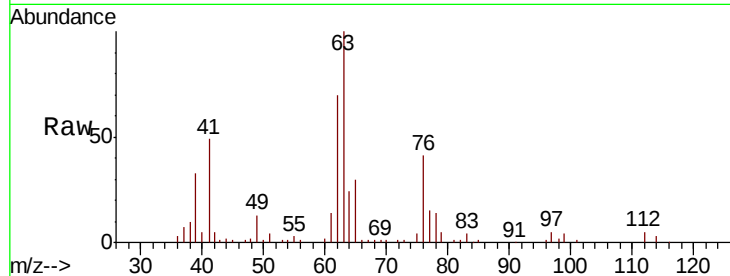
Acq: 21 Sep 2018 15:21

Tot Ion: 63 Resp: 83229

Ion Ratio Lower Upper

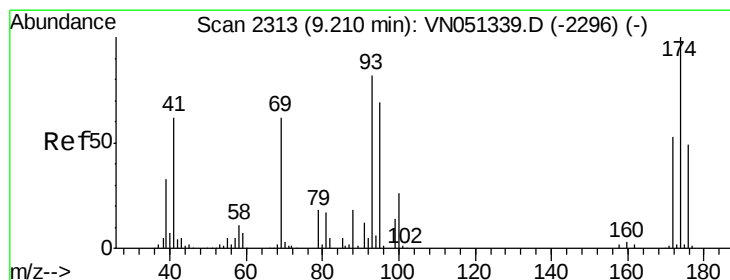
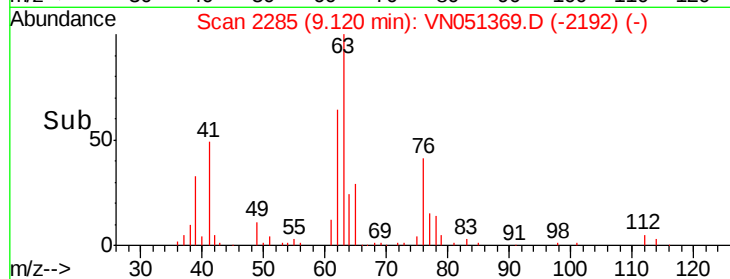
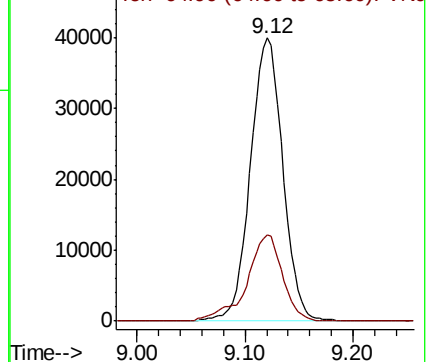
63 100

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

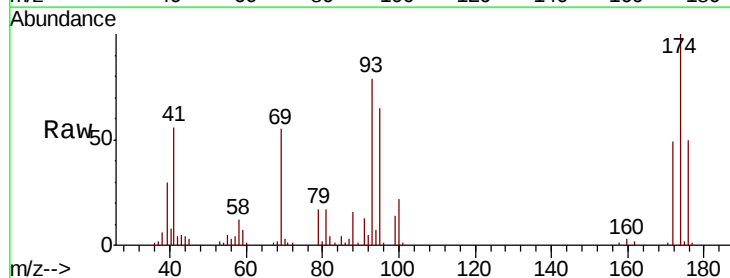
Tgt Ion: 93 Resp: 51600

Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

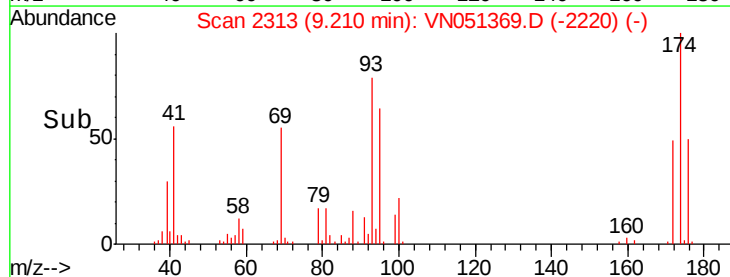
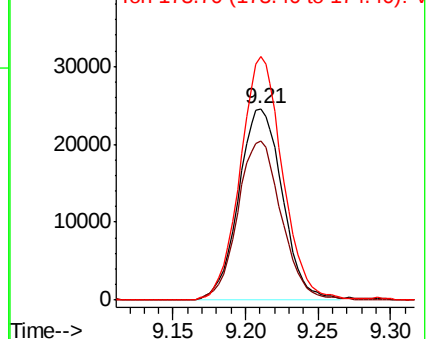
174 122.9 98.9 148.3

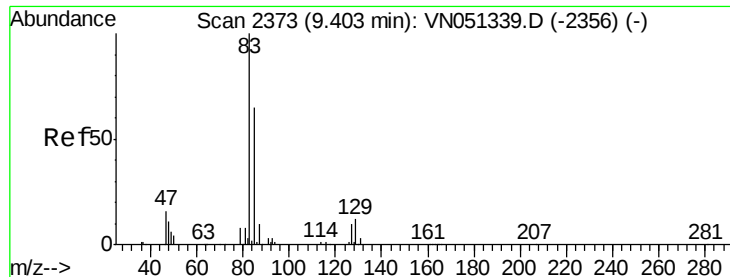


Abundance Ion 92.80 (92.50 to 93.50): VN0

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

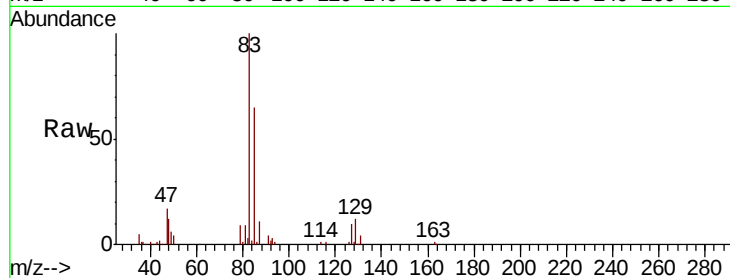
Tot Ion: 83 Resp: 104044

Ion Ratio Lower Upper

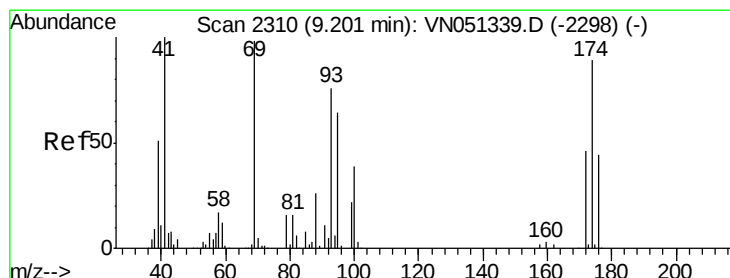
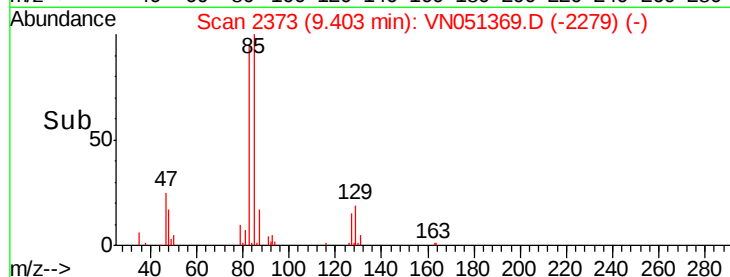
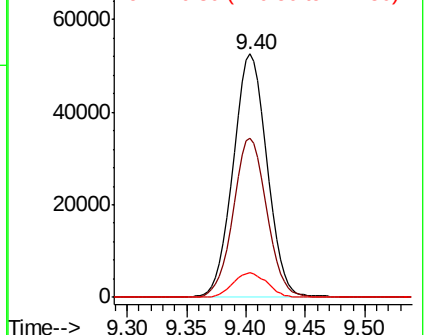
83 100

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

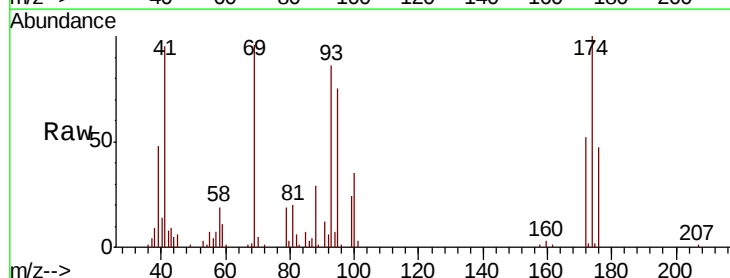
Tgt Ion: 41 Resp: 45070

Ion Ratio Lower Upper

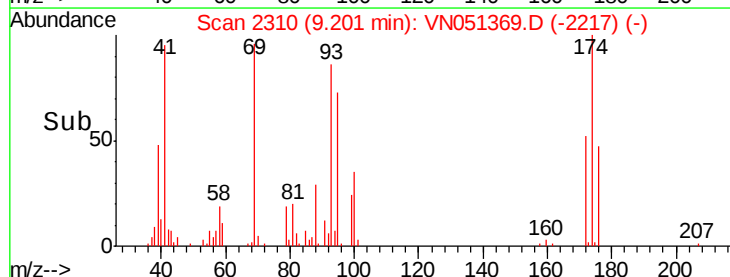
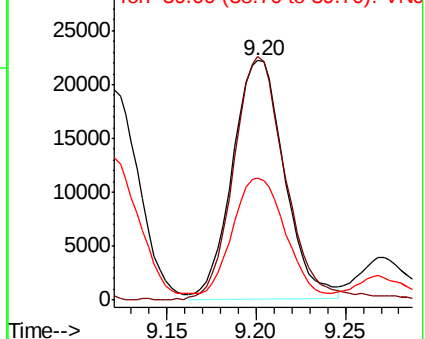
41 100

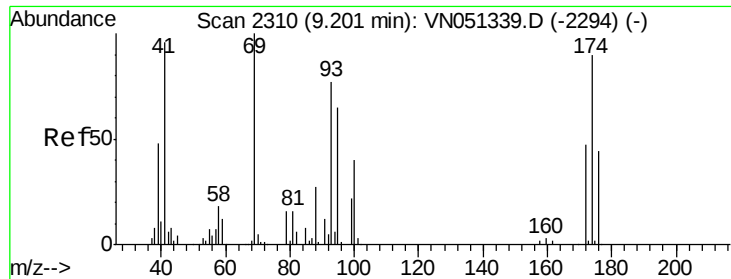
69 102.6 79.4 119.0

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

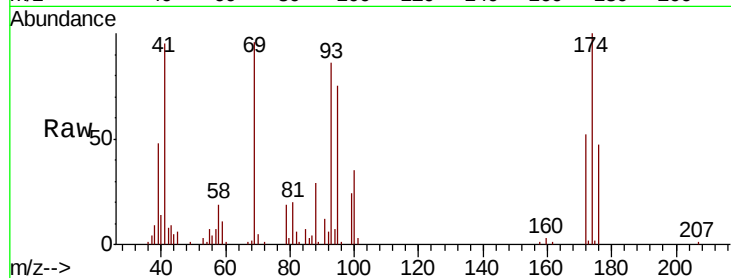
Tot Ion: 88 Resp: 13973

Ion Ratio Lower Upper

88 100

43 27.0 23.5 35.3

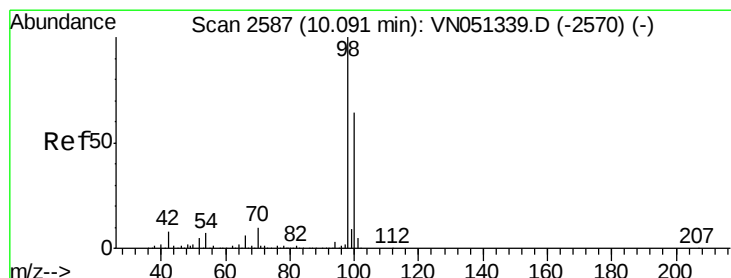
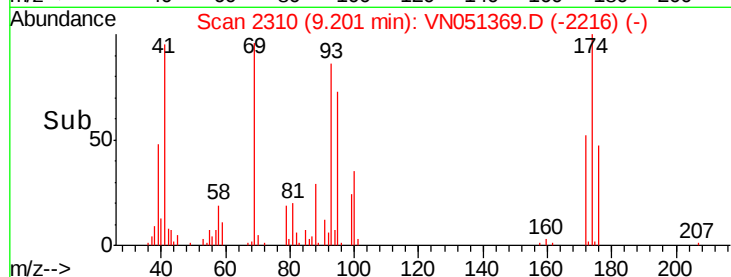
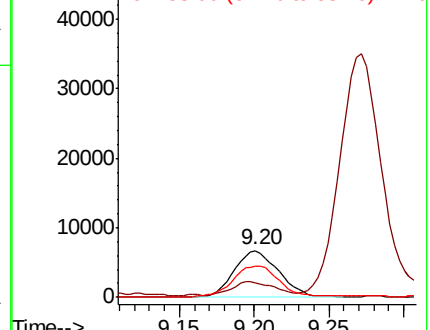
58 69.2 52.1 78.1



Abundance Ion 88.00 (87.70 to 88.70): VN051339.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN051339.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-2294) (-)



#50

Toluene-d8

Concen: 46.398 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051369.D

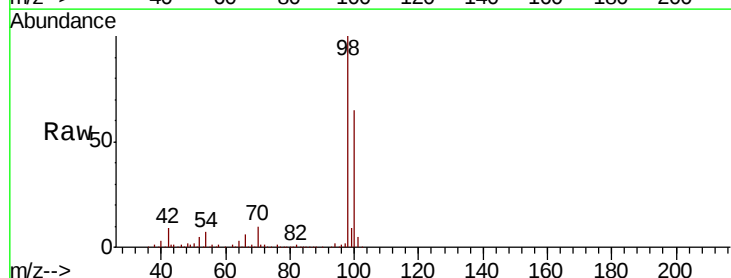
Acq: 21 Sep 2018 15:21

Tgt Ion: 98 Resp: 716244

Ion Ratio Lower Upper

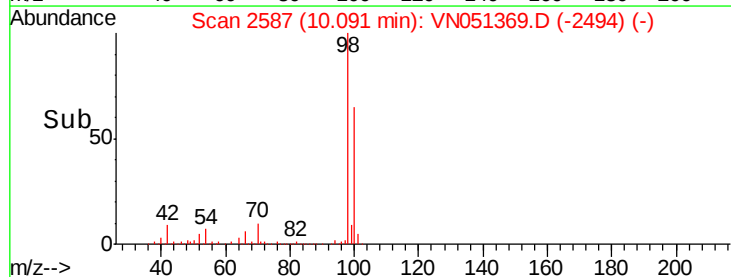
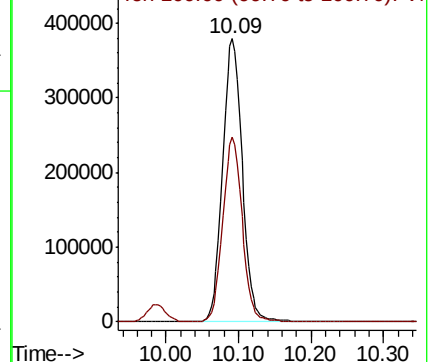
98 100

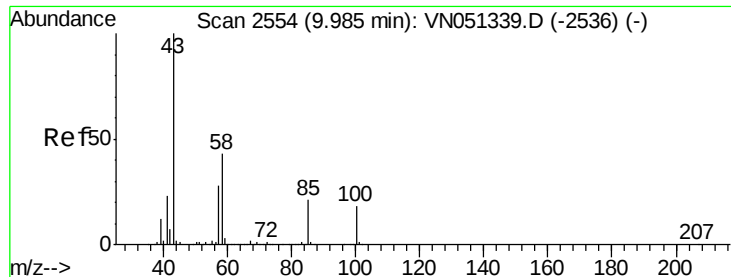
100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN051339.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051339.D (-2570) (-)





#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

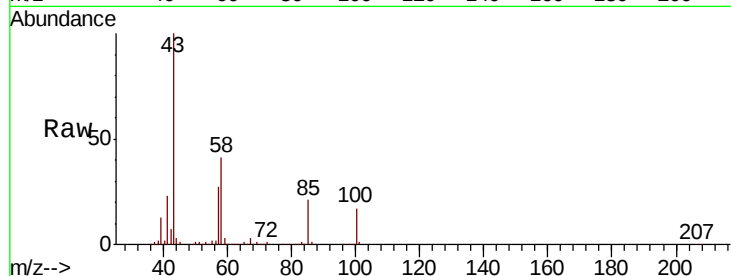
Acq: 21 Sep 2018 15:21

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

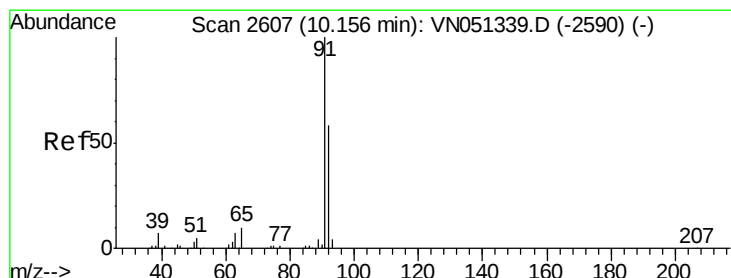
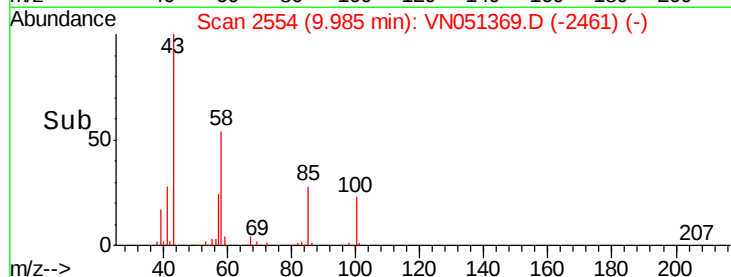
0

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

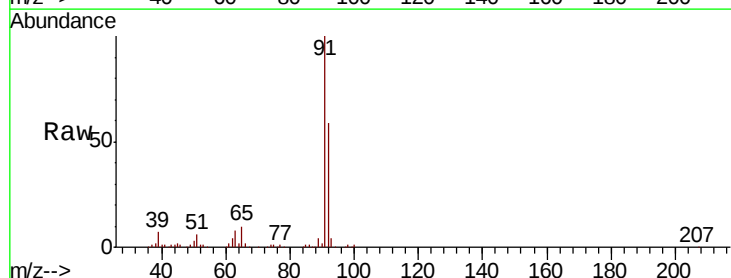
Acq: 21 Sep 2018 15:21

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

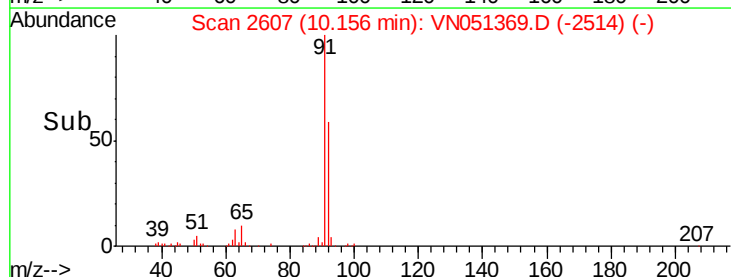
0

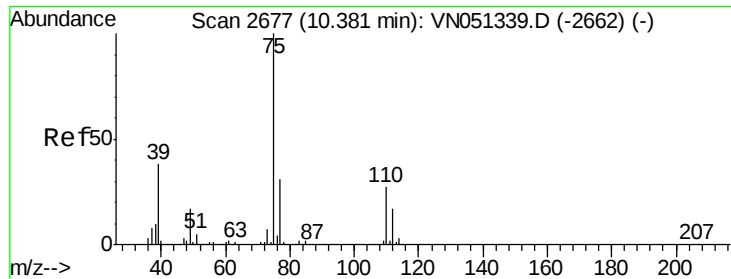
Time-->

10.10

10.20

10.30

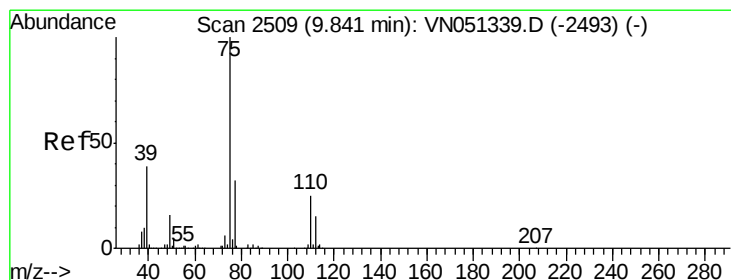
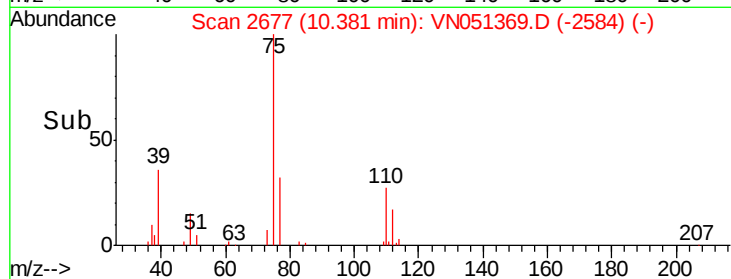
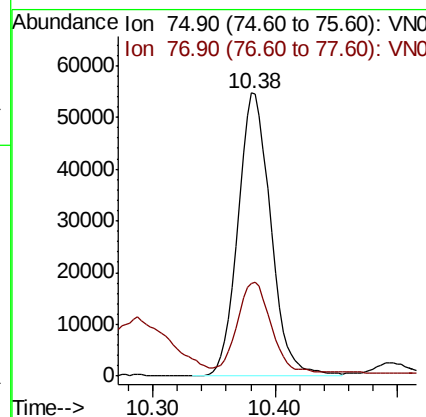
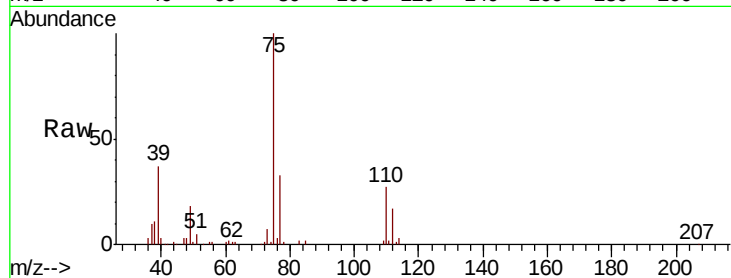




#53
t-1,3-Dichloropropene
Concen: 20.634 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion: 75 Resp: 102089

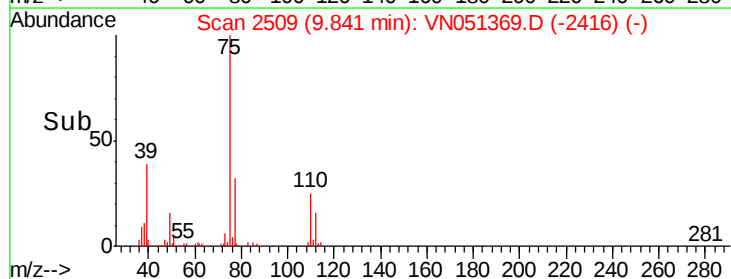
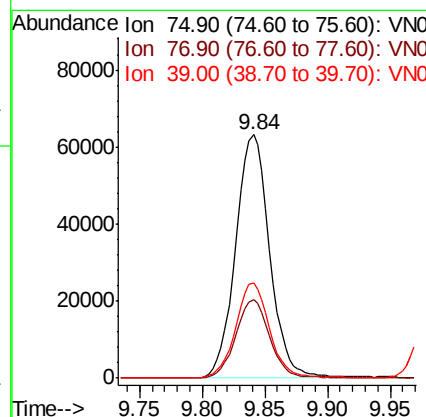
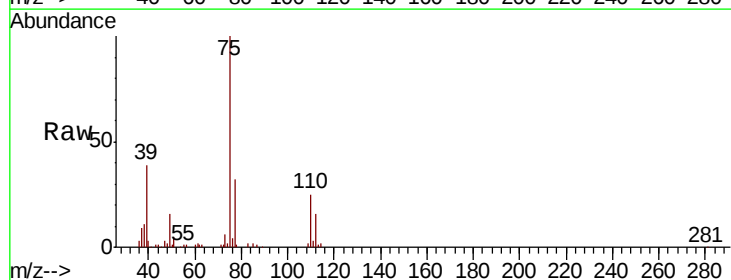
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

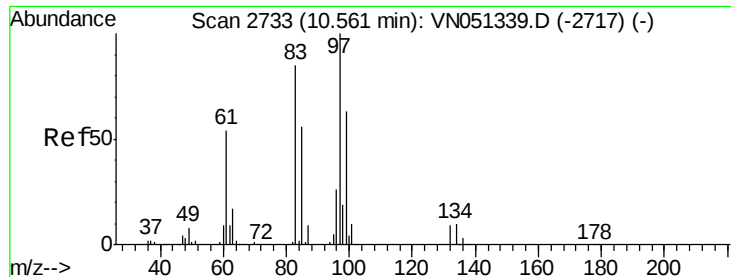


#54
cis-1,3-Dichloropropene
Concen: 20.857 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion: 75 Resp: 119482

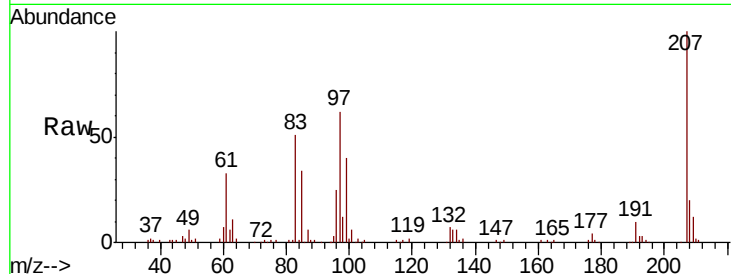
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8
39	39.0	31.0	46.4





#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



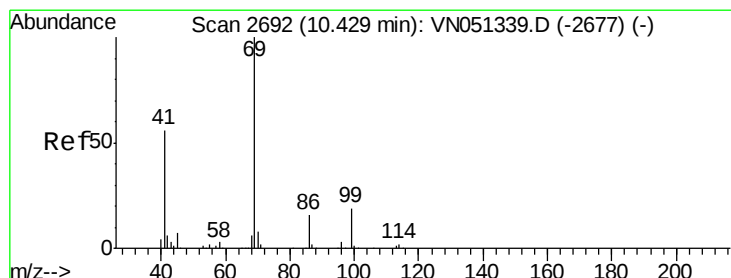
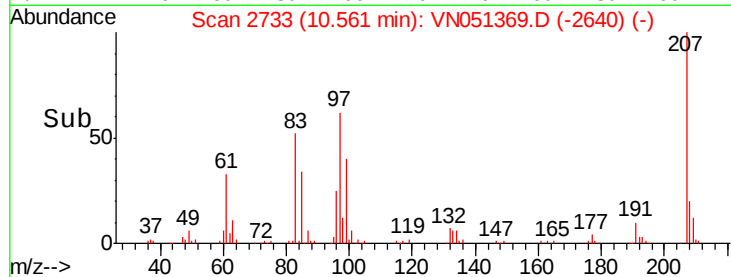
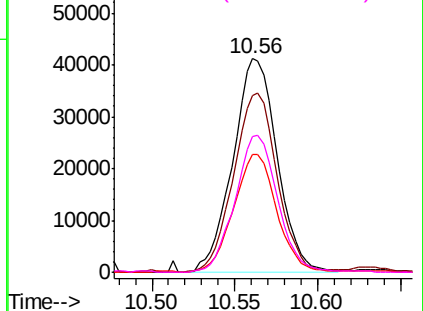
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

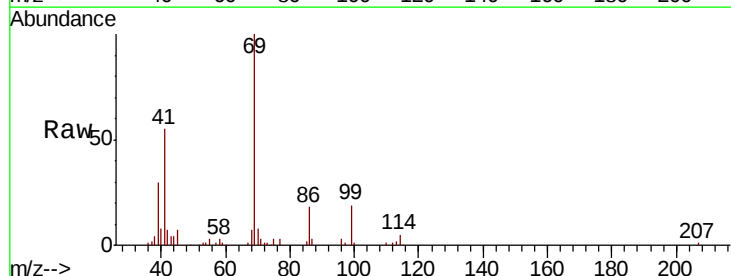
Ion 84.90 (84.60 to 85.60): VNO

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

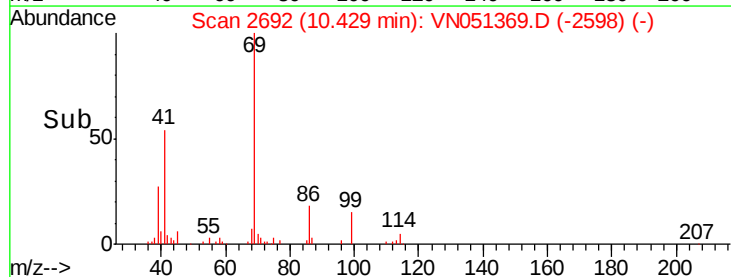
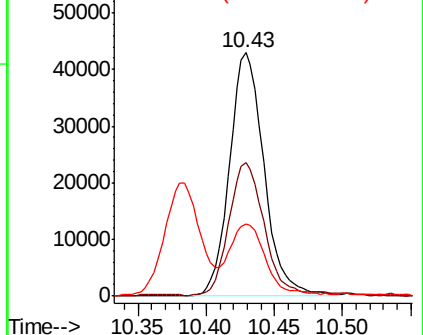


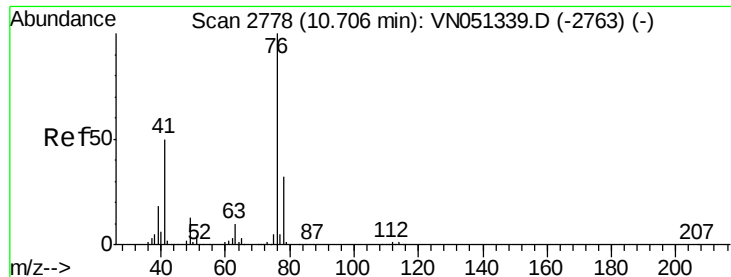
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

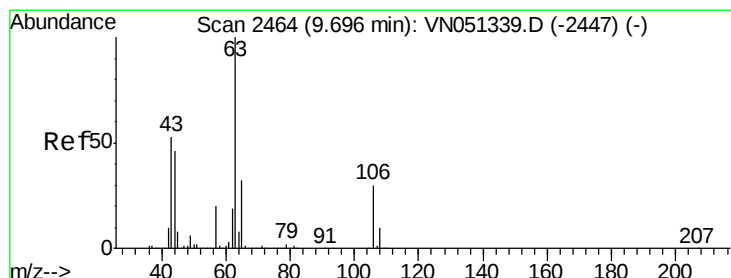
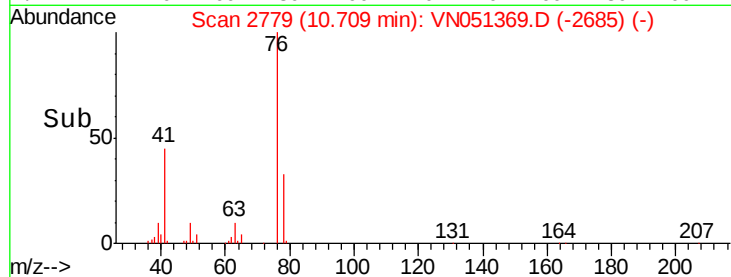
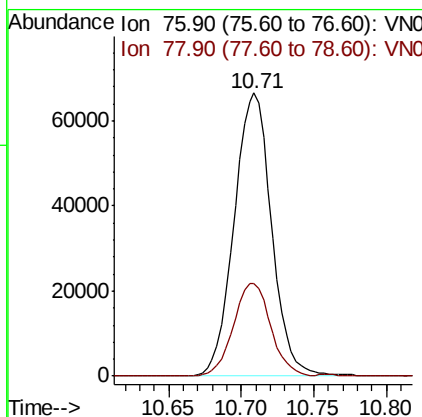
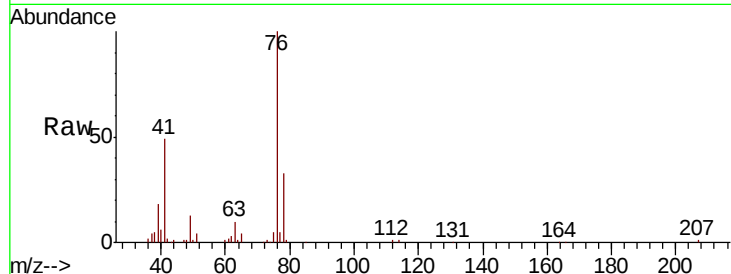
Ion 39.00 (38.70 to 39.70): VNO





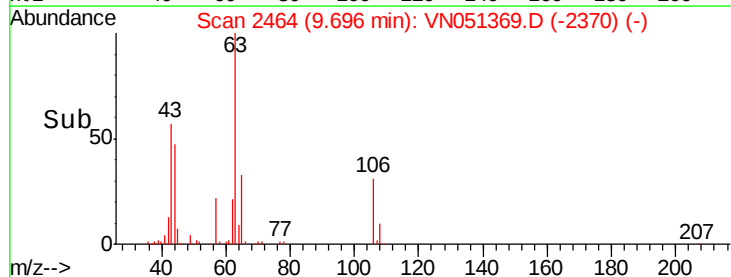
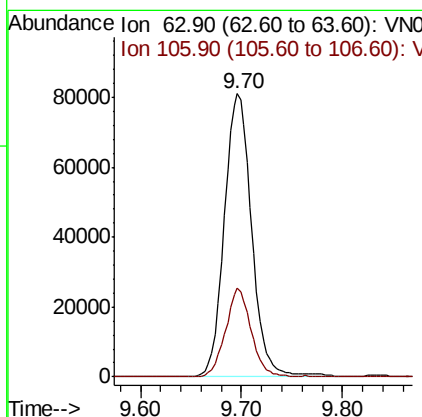
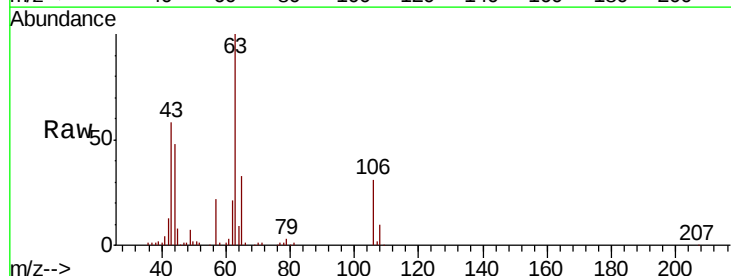
#57
 1,3-Dichloropropane
 Concen: 21.368 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

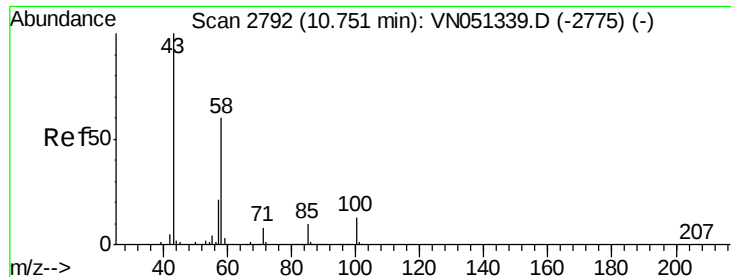
Tot Ion: 76 Resp: 119055
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#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

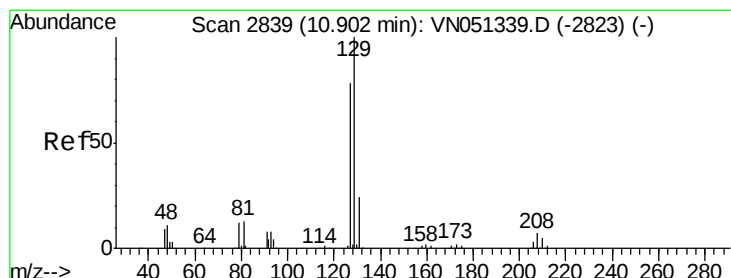
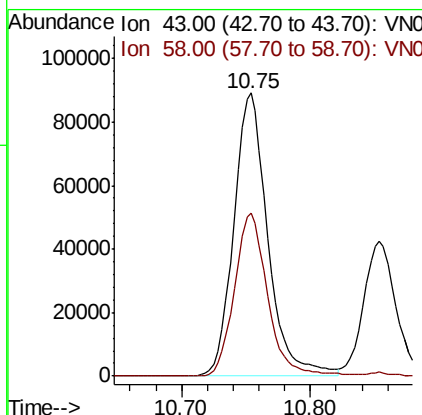
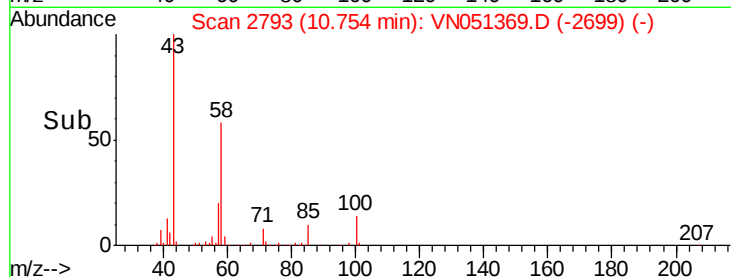
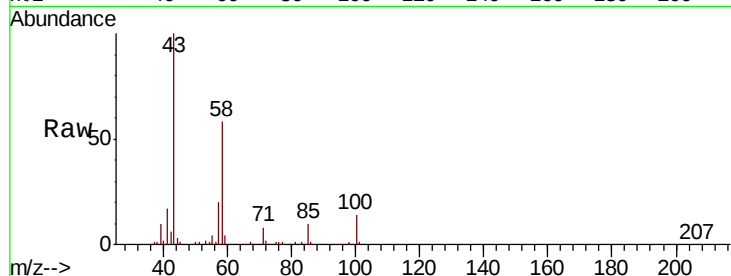
Tgt Ion: 63 Resp: 153692
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.7 35.5





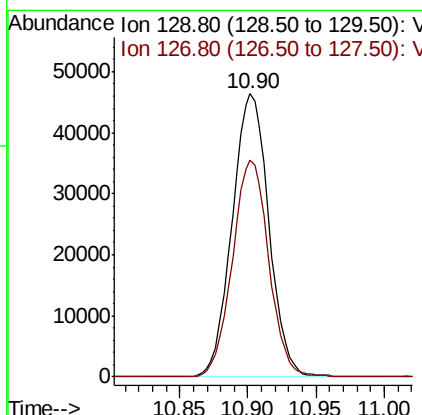
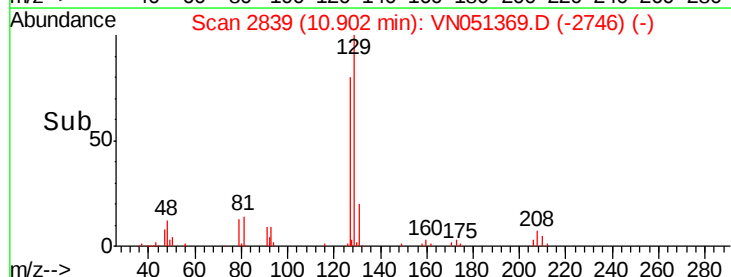
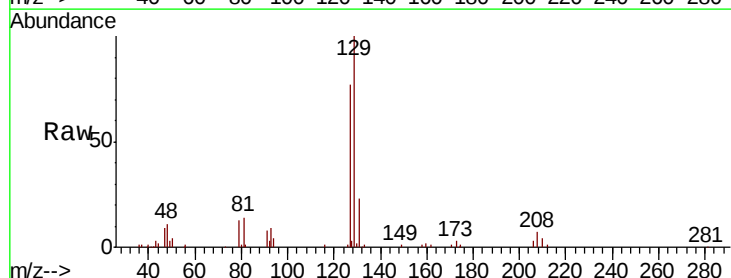
#59
2-Hexanone
Concen: 101.202 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

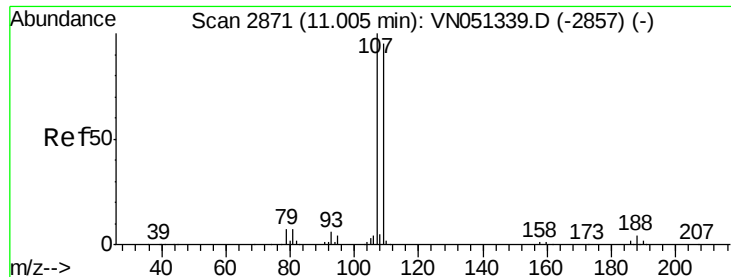
Tot Ion: 43 Resp: 161730
Ion Ratio Lower Upper
43 100
58 56.7 29.9 89.8



#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

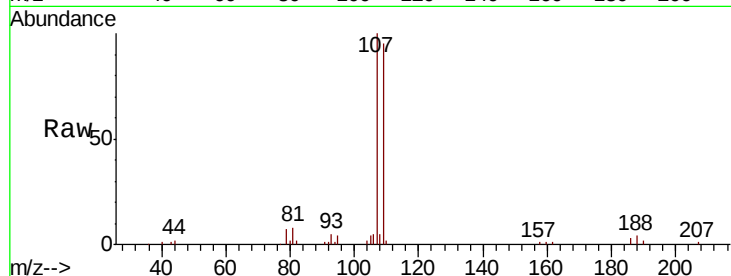
Acq: 21 Sep 2018 15:21

Tot Ion: 107 Resp: 70557

Ion Ratio Lower Upper

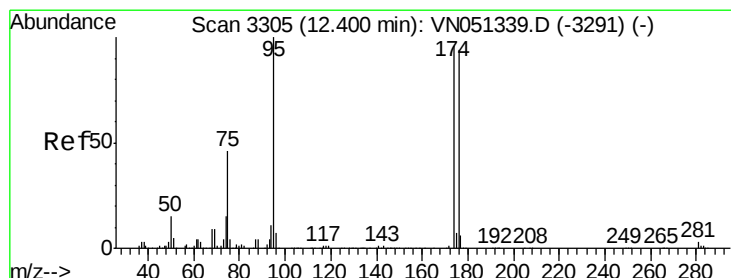
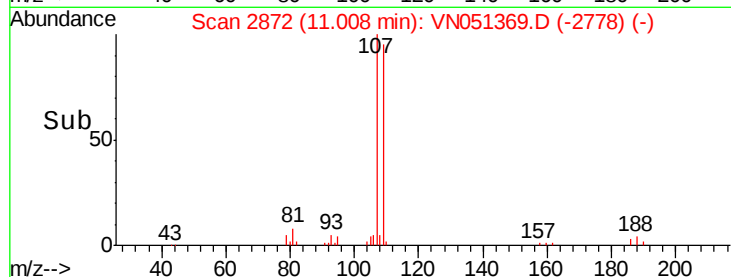
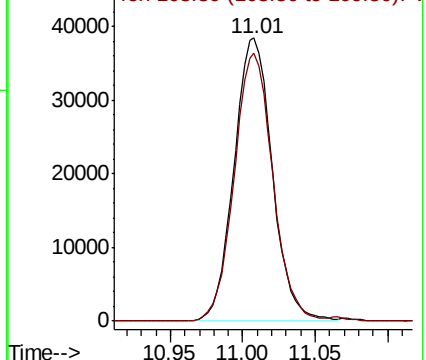
107 100

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

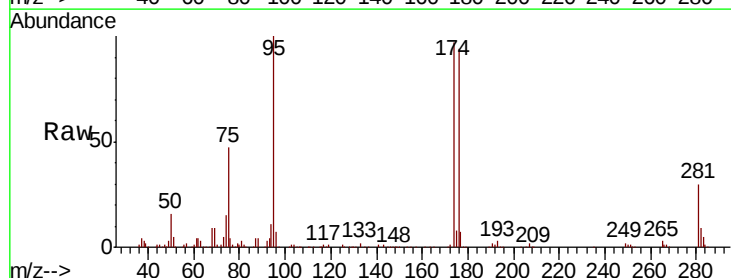
Tgt Ion: 95 Resp: 220348

Ion Ratio Lower Upper

95 100

174 98.5 0.0 194.6

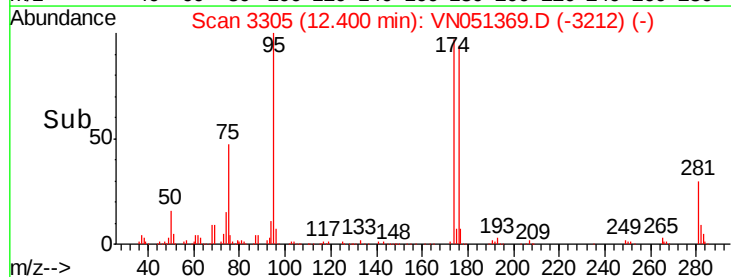
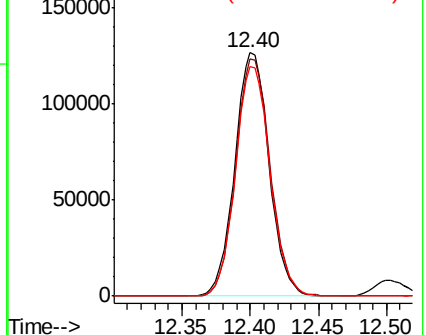
176 95.3 0.0 189.6

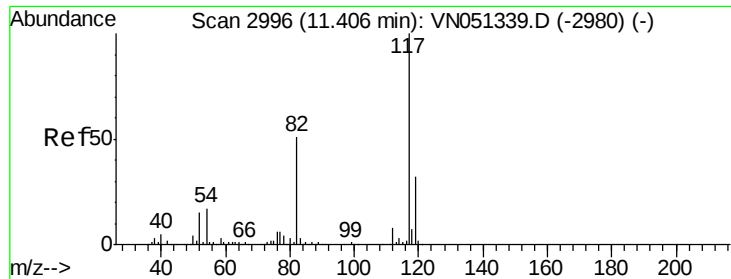


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

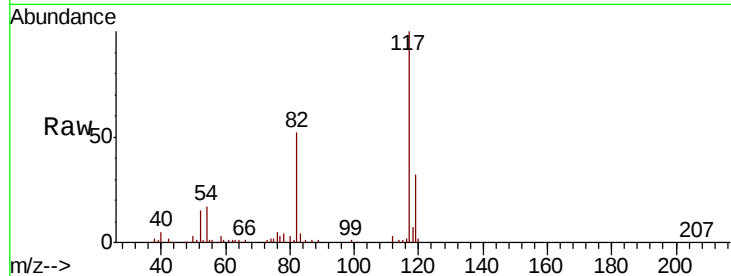
Ion 175.80 (175.50 to 176.50): V





#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	Ratio	Lower	Upper
117	100		
82	51.9	40.7	61.1
119	32.3	25.3	37.9

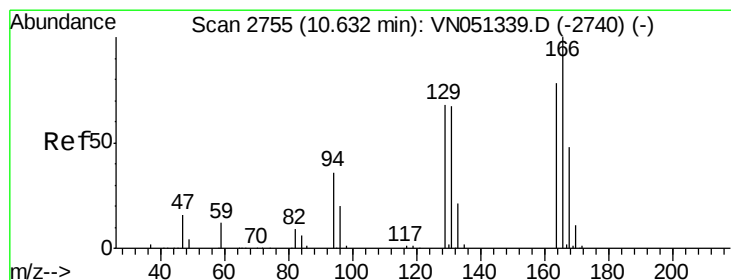
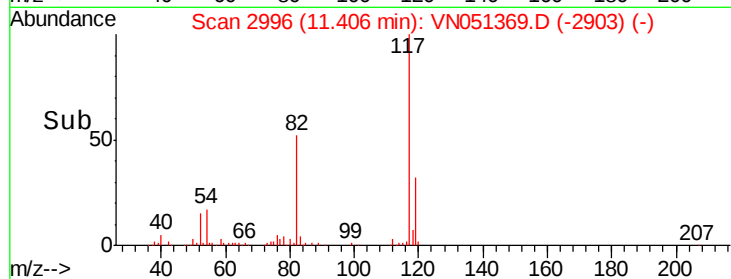
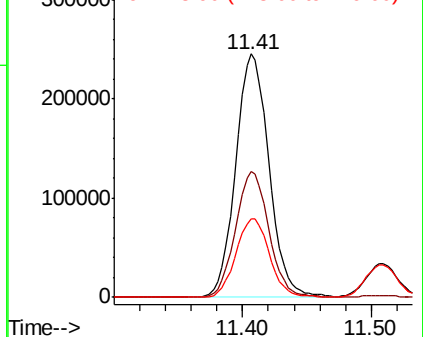


Abundance

Ion 116.90 (116.60 to 117.60): V

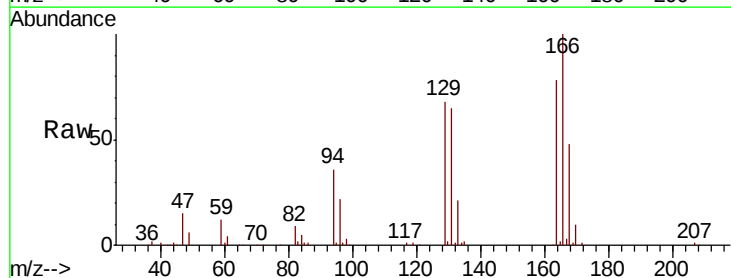
Ion 82.00 (81.70 to 82.70): V

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	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



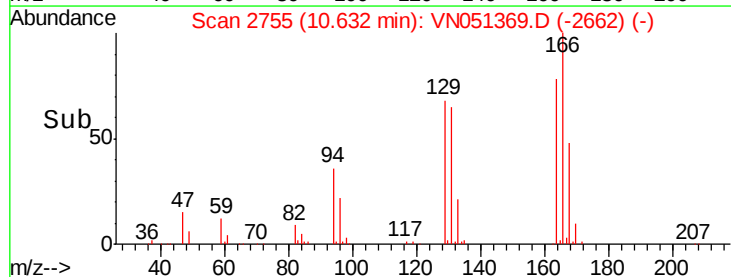
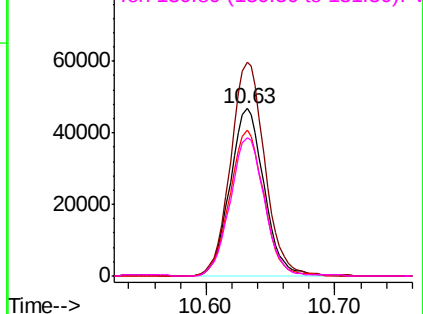
Abundance

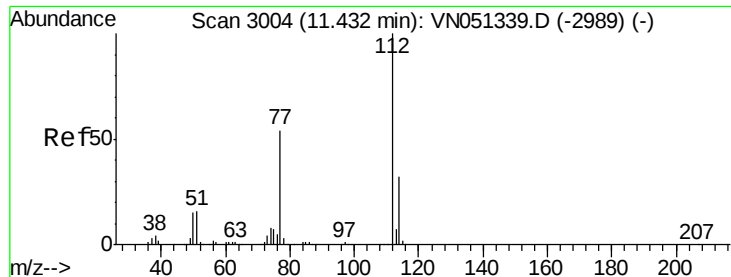
Ion 163.80 (163.50 to 164.50): V

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

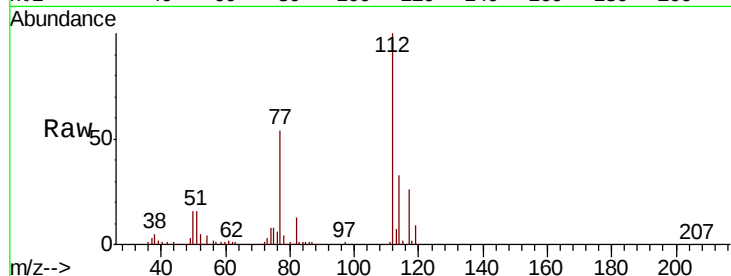
Acq: 21 Sep 2018 15:21

Tot Ion:112 Resp: 223172

Ion Ratio Lower Upper

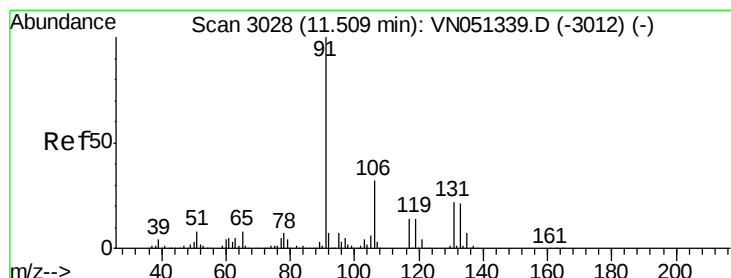
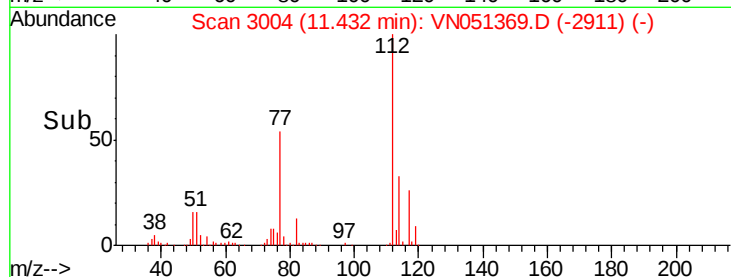
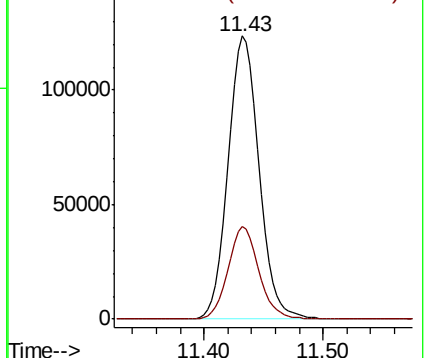
112 100

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

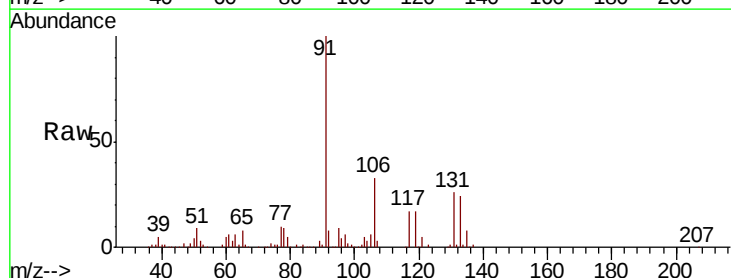
Tgt Ion:131 Resp: 87591

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.2

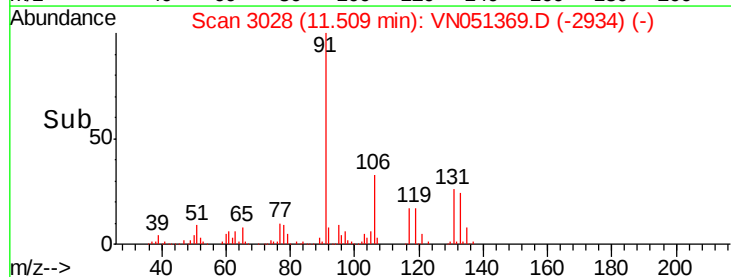
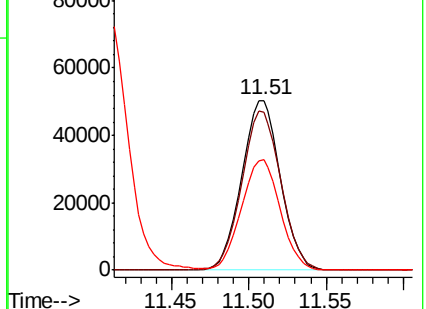
119 65.4 32.6 97.7

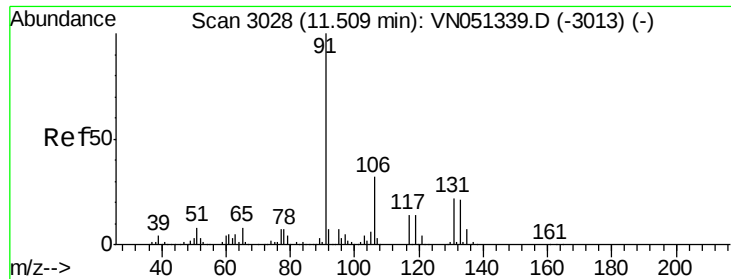


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

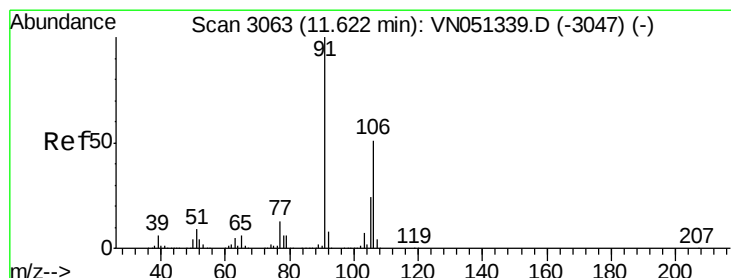
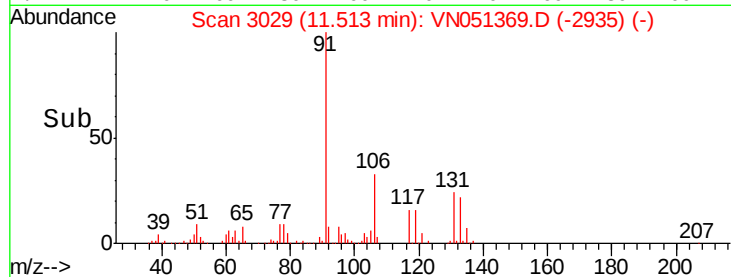
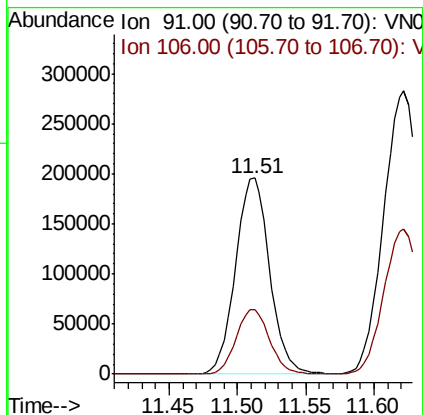
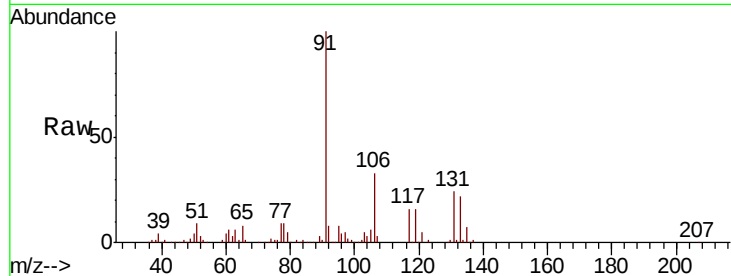
Ion 118.80 (118.50 to 119.50): V





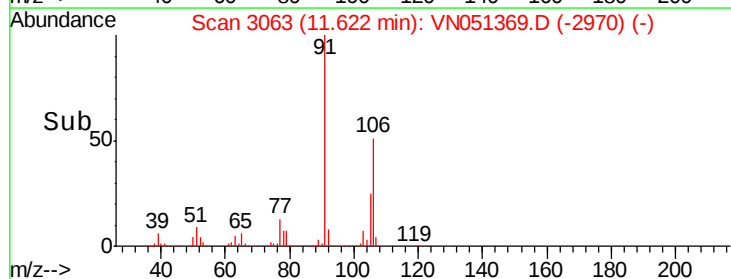
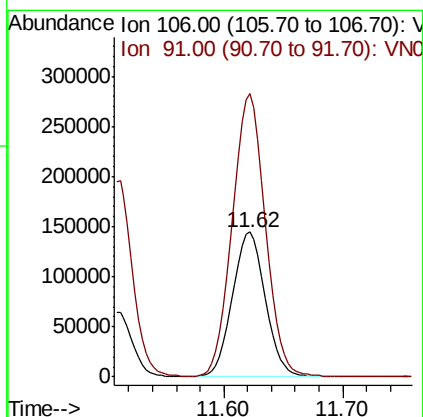
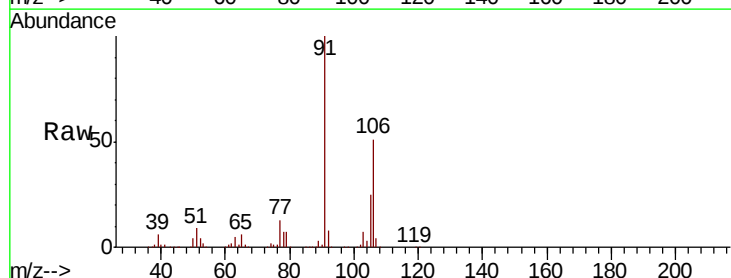
#67
Ethvl Benzene
Concen: 20.649 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

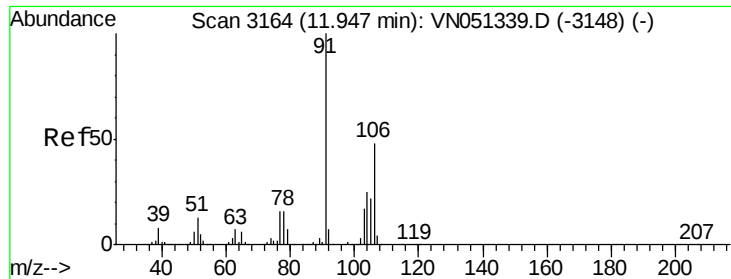
Tot Ion: 91 Resp: 339855
Ion Ratio Lower Upper
91 100
106 33.0 25.8 38.8



#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

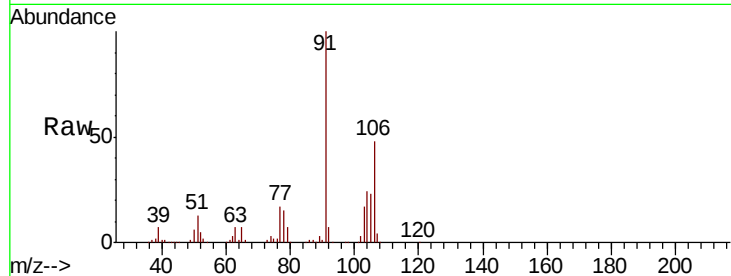
Tgt Ion: 106 Resp: 277613
Ion Ratio Lower Upper
106 100
91 195.7 156.5 234.7



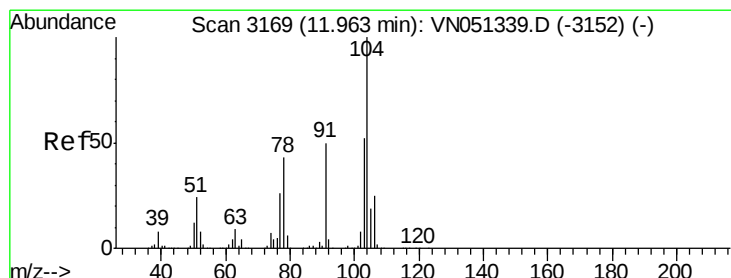
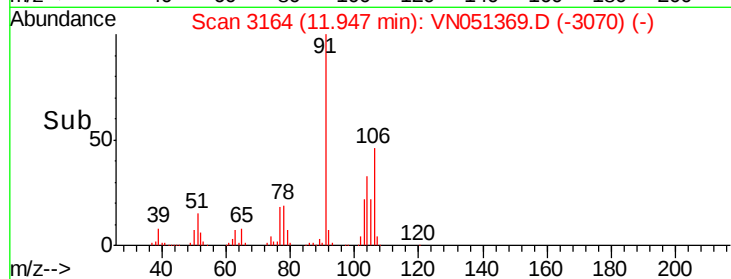
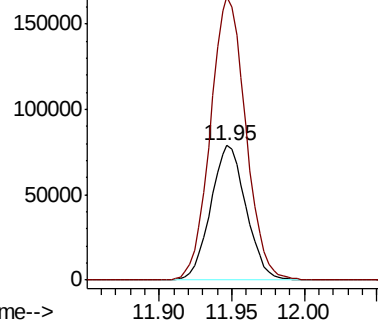


#69
o-Xylene
Concen: 21.442 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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

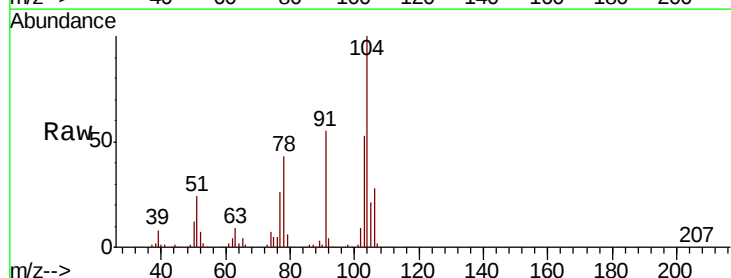


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

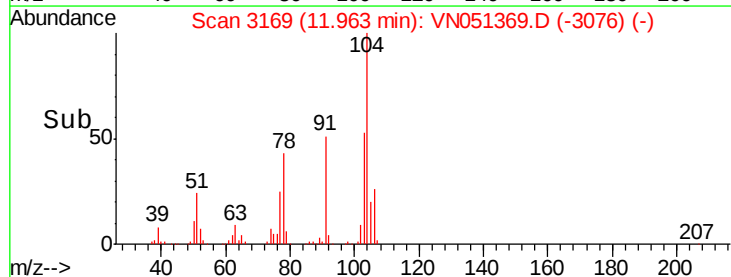
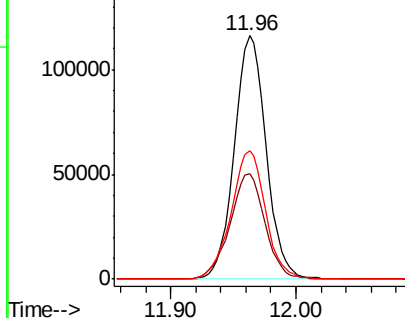


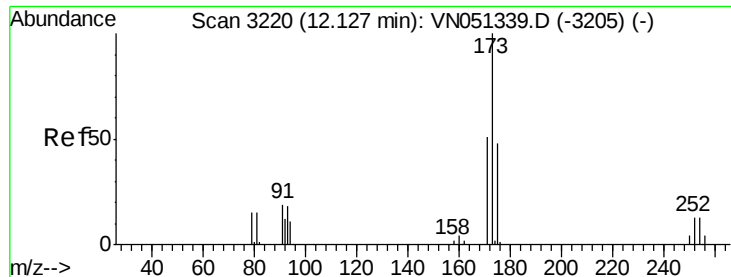
#70
Styrene
Concen: 19.411 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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



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





#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

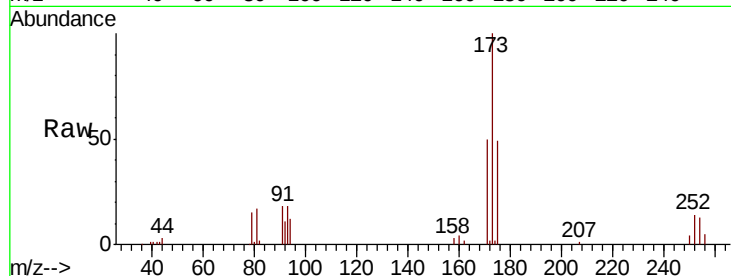
Tot Ion:173 Resp: 59113

Ion Ratio Lower Upper

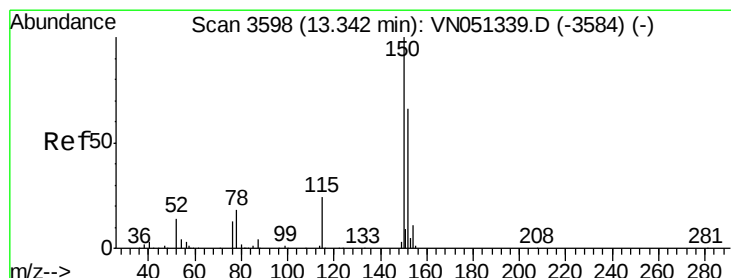
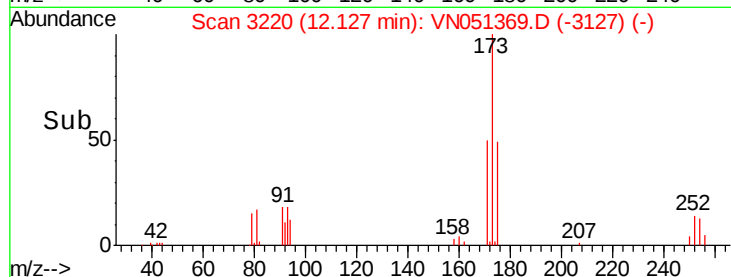
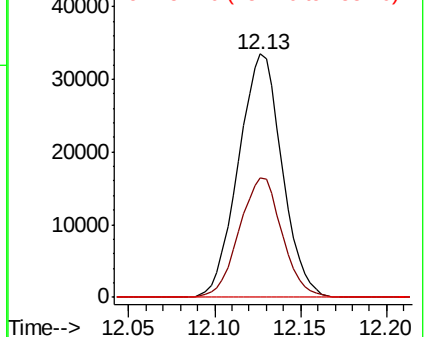
173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051369.D

Acq: 21 Sep 2018 15:21

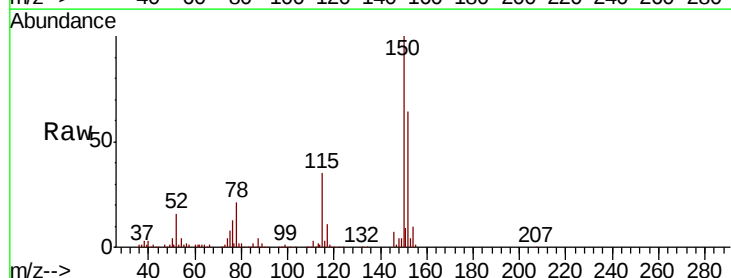
Tgt Ion:152 Resp: 219763

Ion Ratio Lower Upper

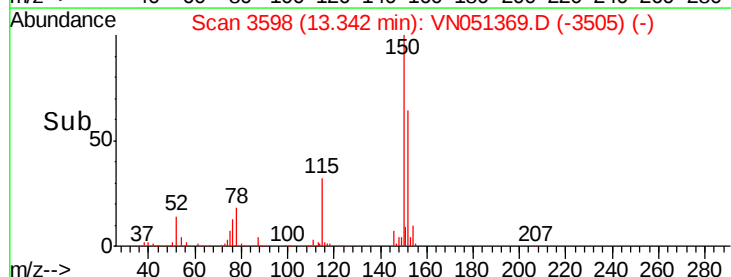
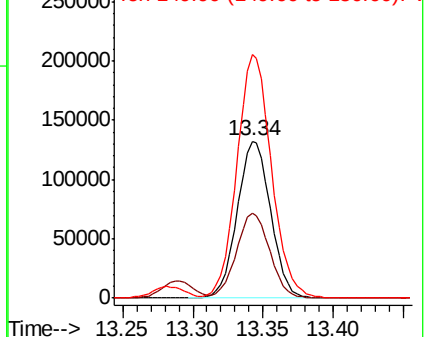
152 100

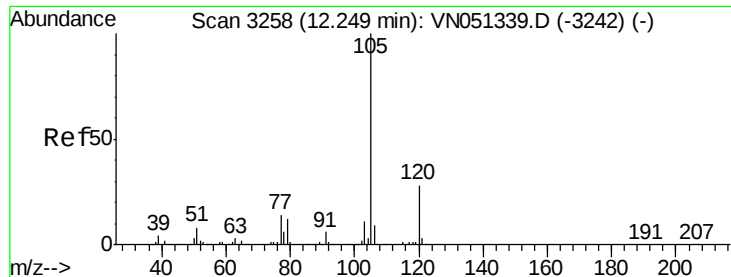
115 54.0 26.9 80.7

150 160.1 0.0 345.0



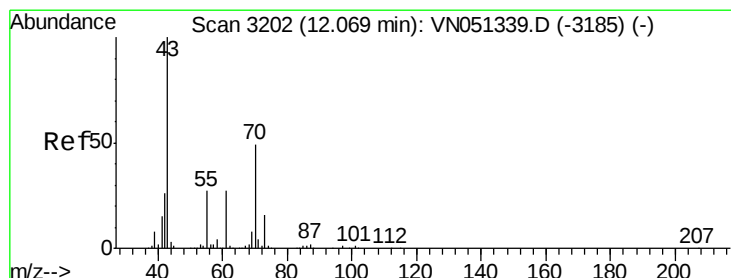
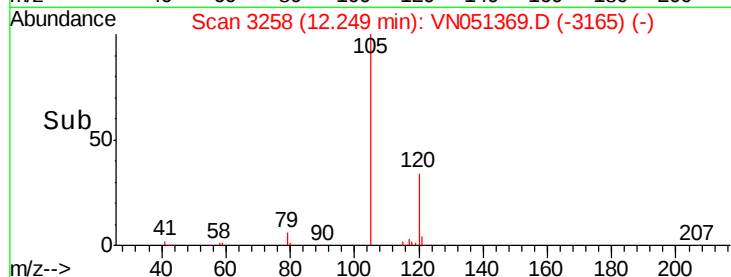
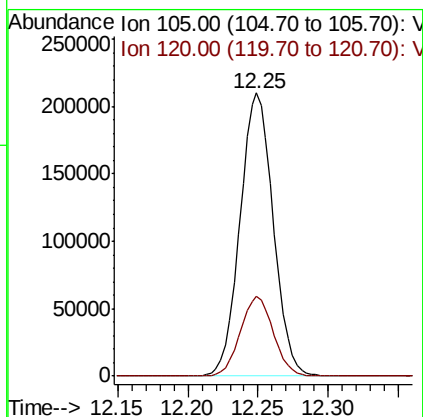
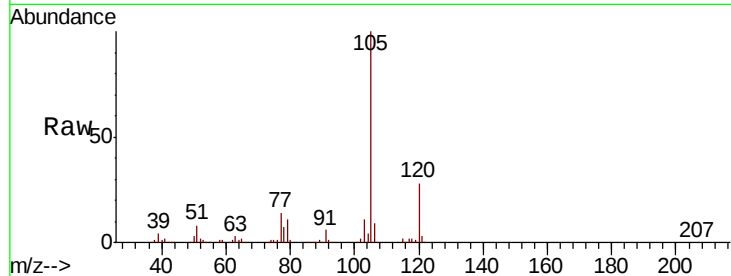
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





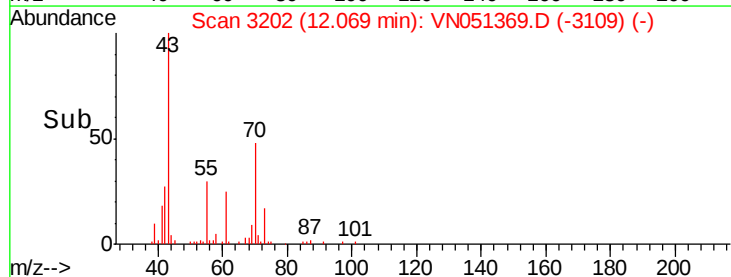
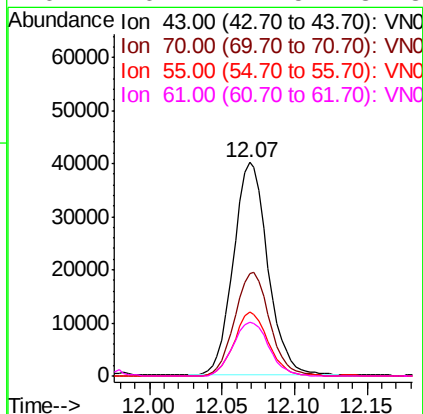
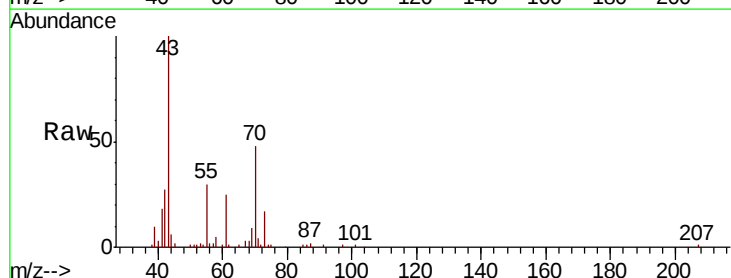
#73
Isopropylbenzene
Concen: 21.489 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

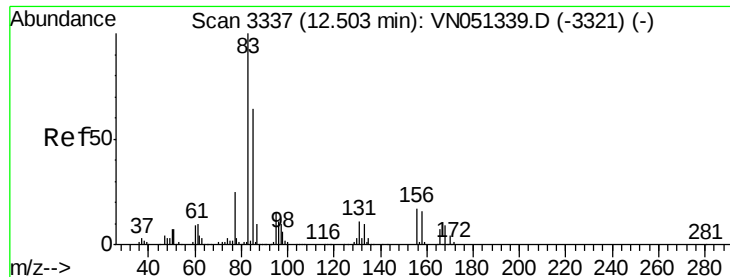
Tot Ion:105 Resp: 346106
Ion Ratio Lower Upper
105 100
120 28.1 13.9 41.6



#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

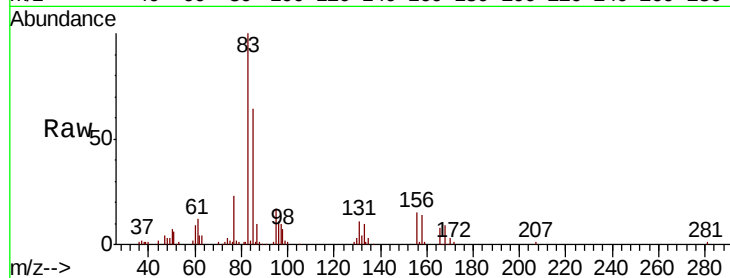
Tot Ion: 83 Resp: 84926

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.7
85	65.0	32.3	96.9

83 100

131 11.2 5.5 16.7

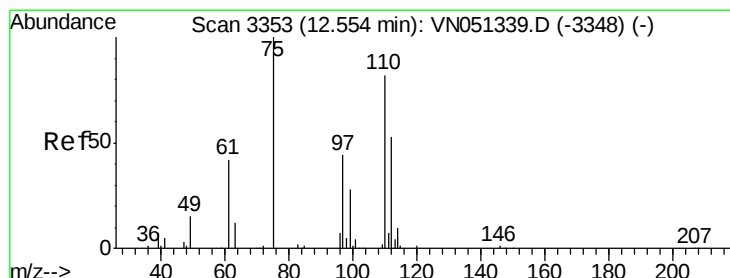
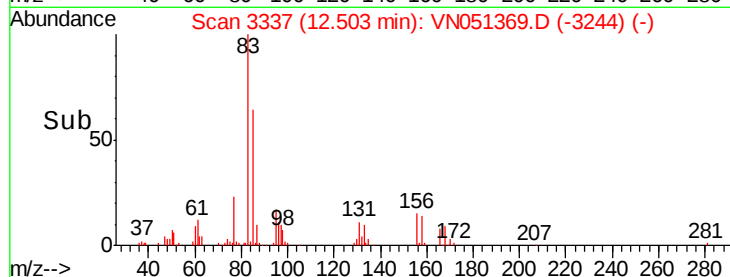
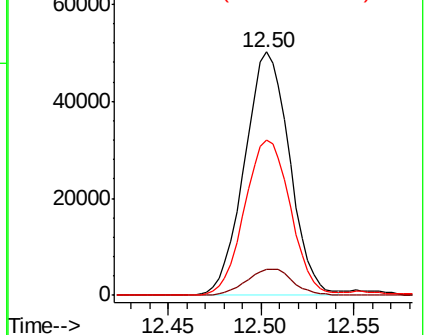
85 65.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 22.120 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051369.D

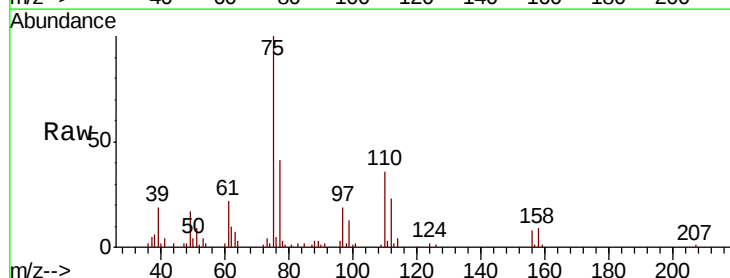
Acq: 21 Sep 2018 15:21

Tgt Ion: 75 Resp: 67402

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

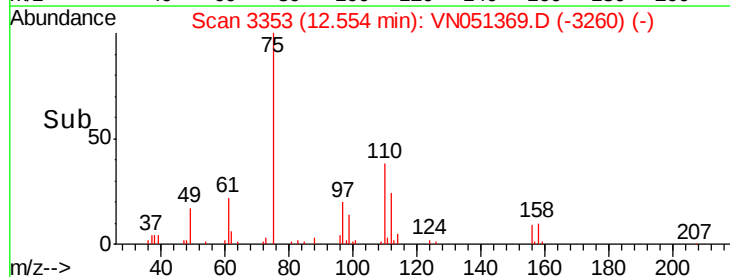
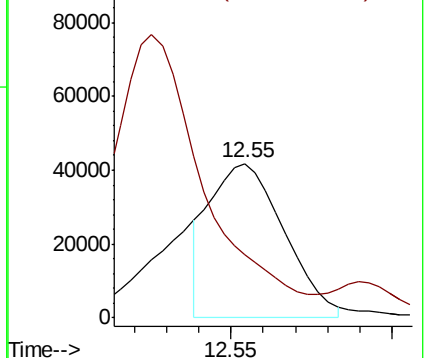
75 100

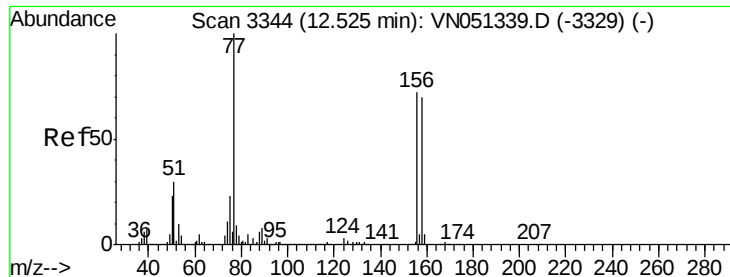
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#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

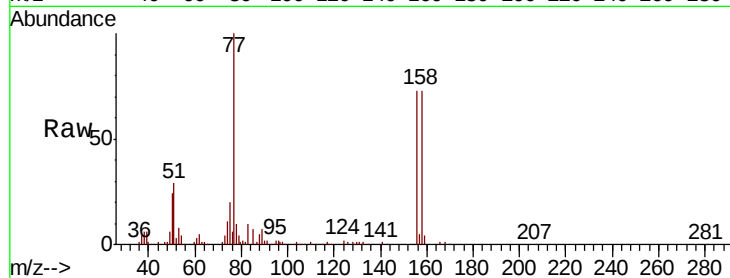
Tot Ion: 156 Resp: 95752

Ion Ratio Lower Upper

156 100

77 162.5 80.8 242.4

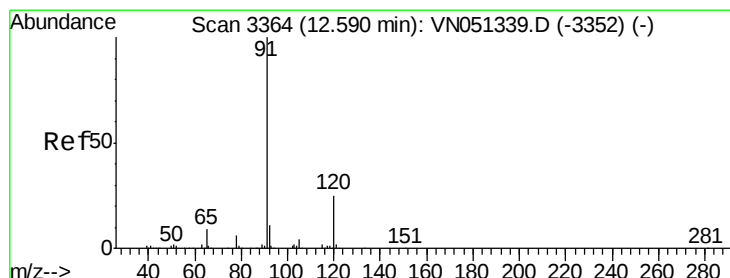
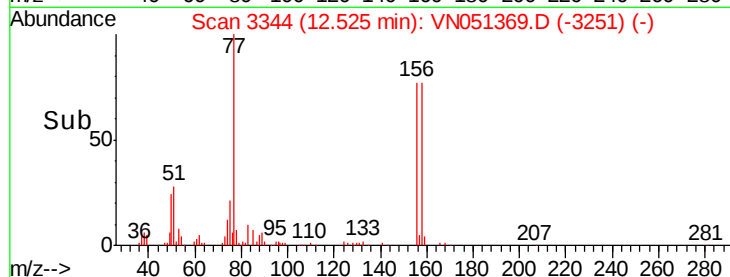
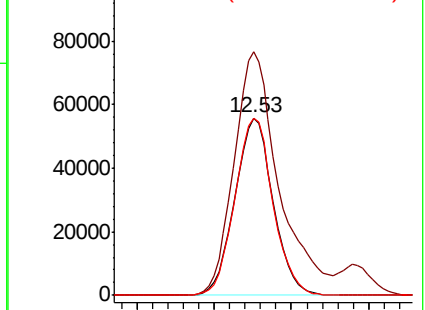
158 99.6 48.8 146.3



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

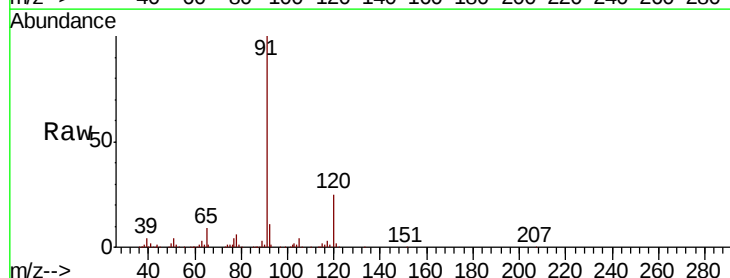
Acq: 21 Sep 2018 15:21

Tgt Ion: 91 Resp: 376743

Ion Ratio Lower Upper

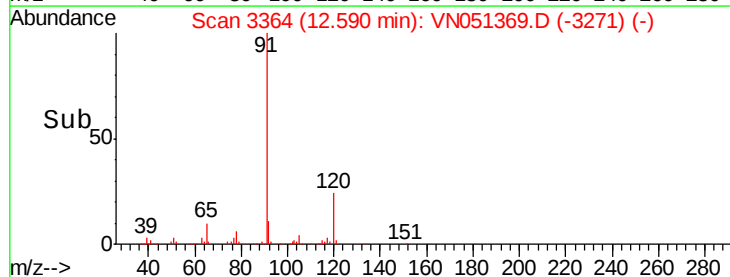
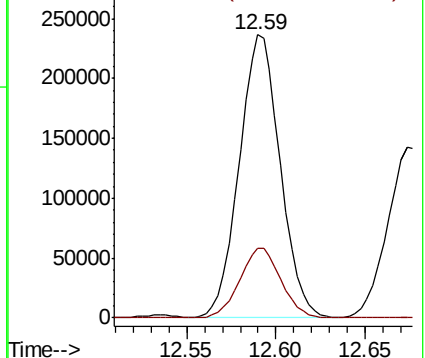
91 100

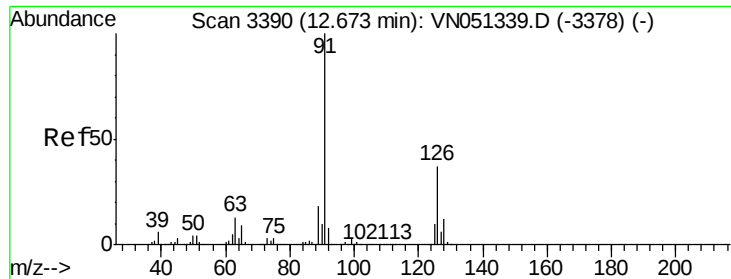
120 24.9 12.4 37.2



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

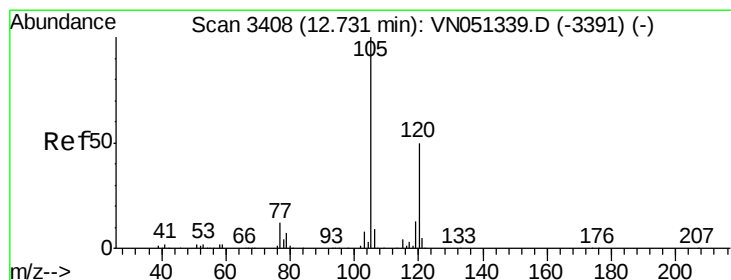
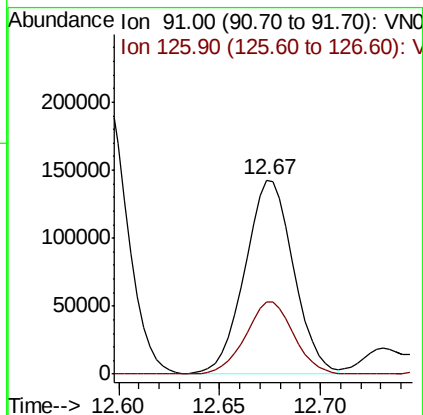
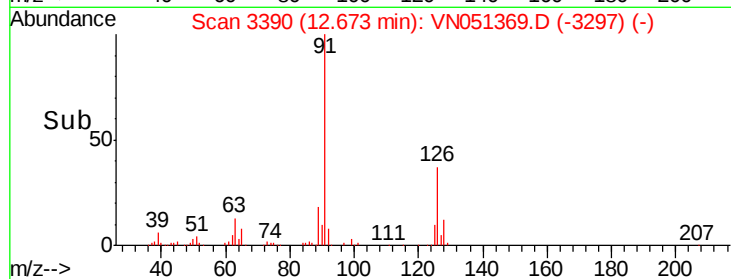
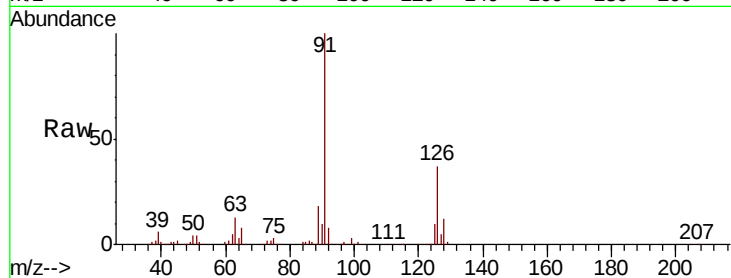
Acq: 21 Sep 2018 15:21

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

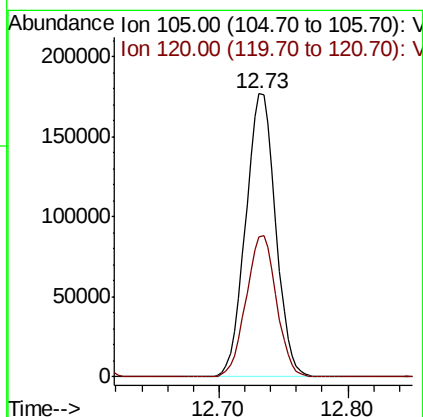
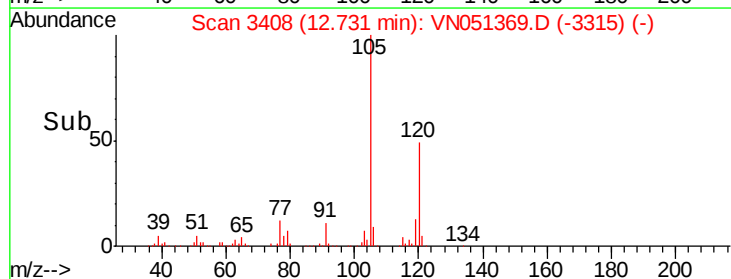
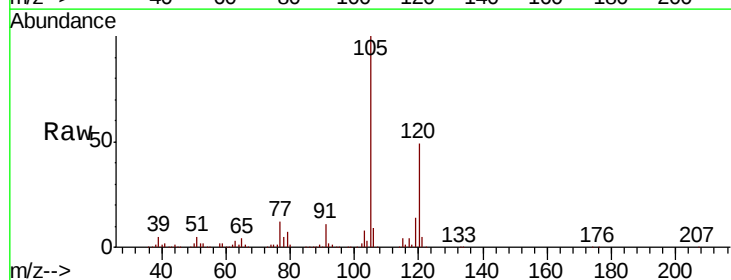
Acq: 21 Sep 2018 15:21

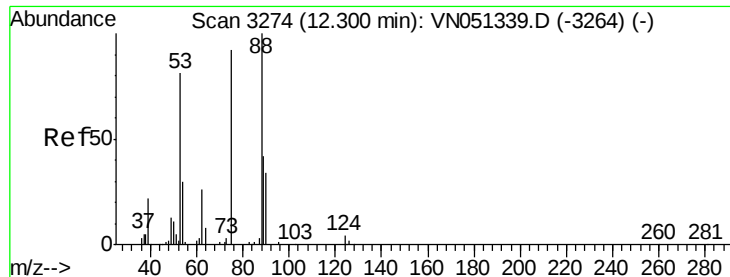
Tgt Ion: 105 Resp: 286541

Ion Ratio Lower Upper

105 100

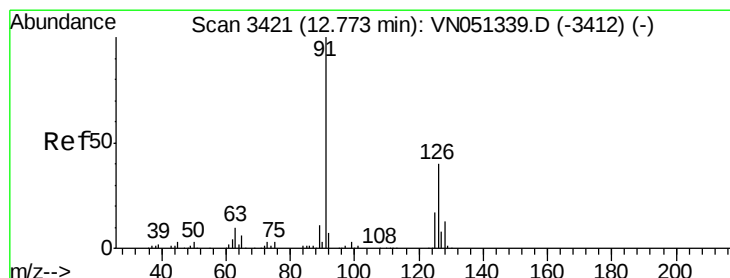
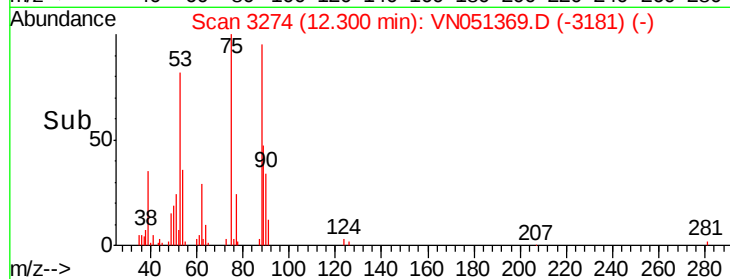
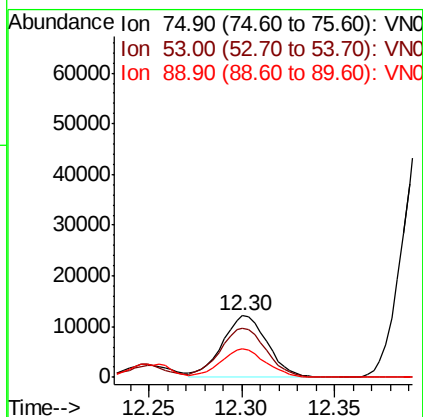
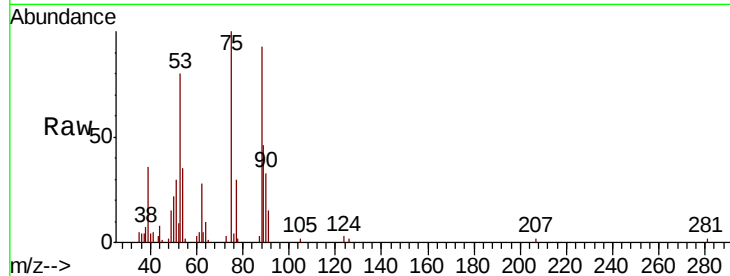
120 50.3 25.2 75.6





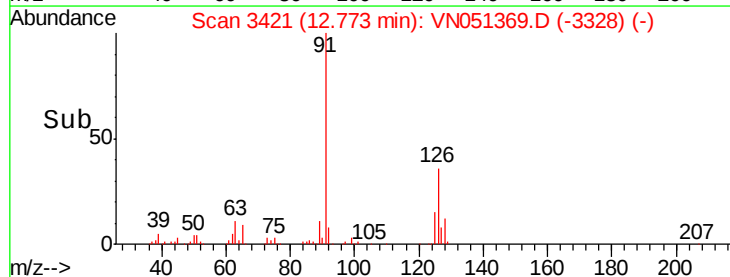
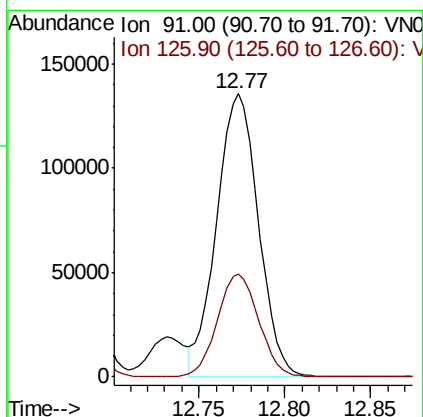
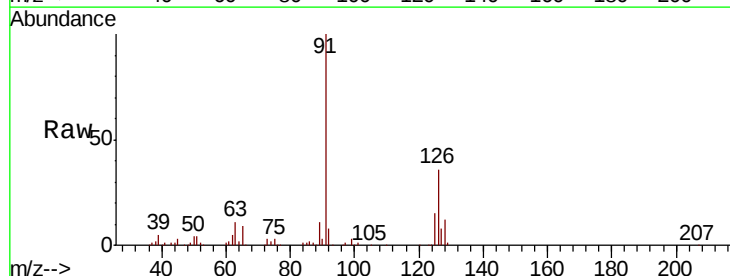
#81
trans-1,4-Dichloro-2-butene
Concen: 20.960 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

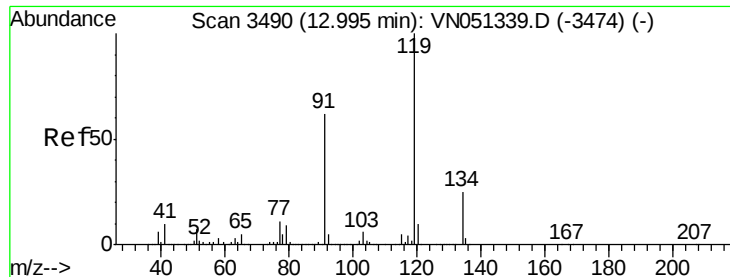
Tot Ion	75	Resp	20545
Ion	Ratio	Lower	Upper
75	100		
53	82.2	69.9	104.9
89	46.0	37.9	56.9



#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

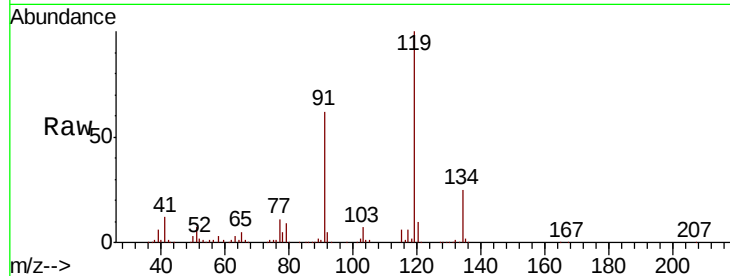
Tgt Ion	91	Resp	229461
Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.3	54.9



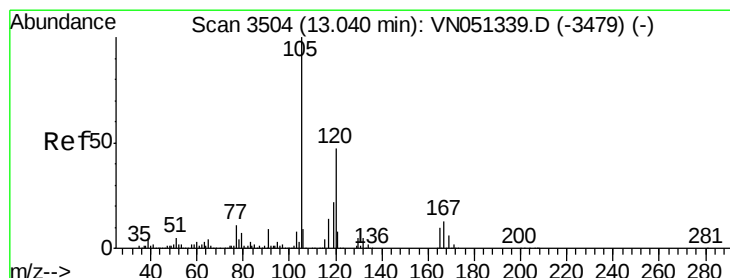
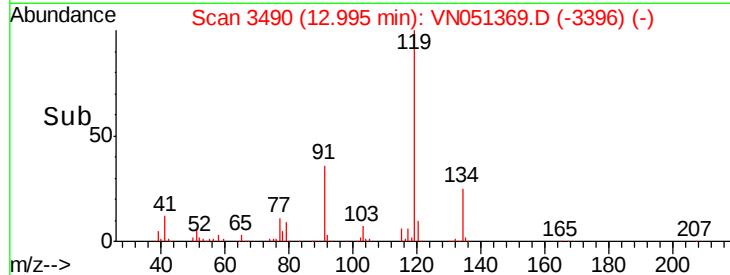
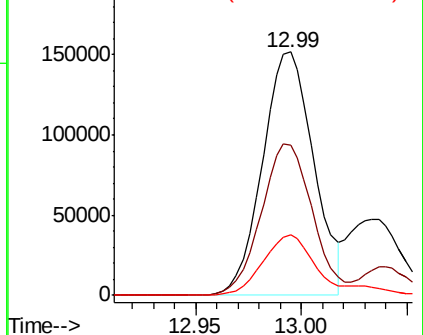


#83
tert-Butylbenzene
Concen: 21.995 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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

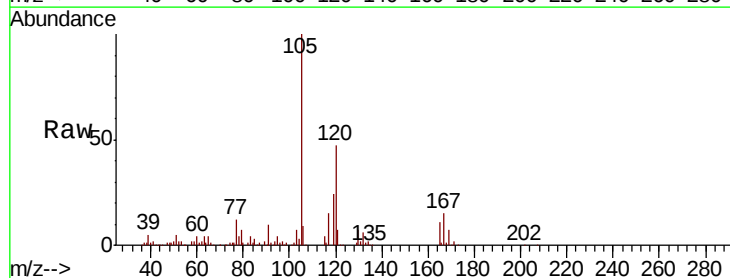


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

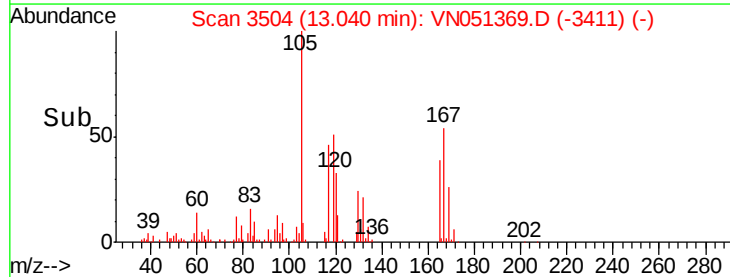
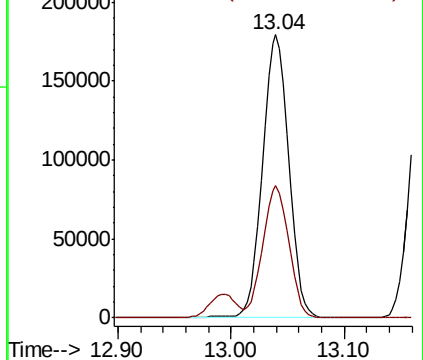


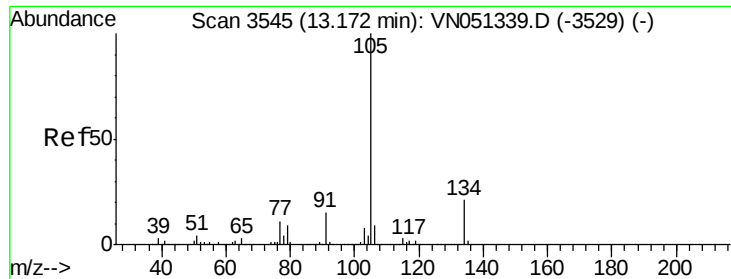
#84
1,2,4-Trimethylbenzene
Concen: 22.296 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

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

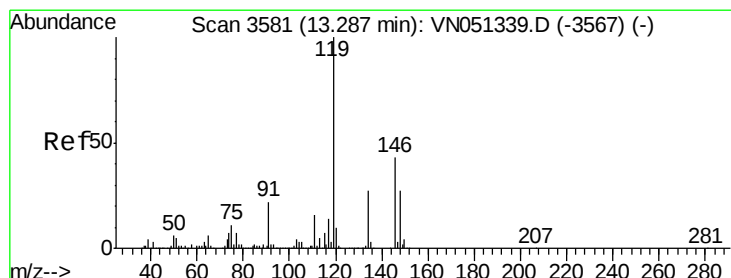
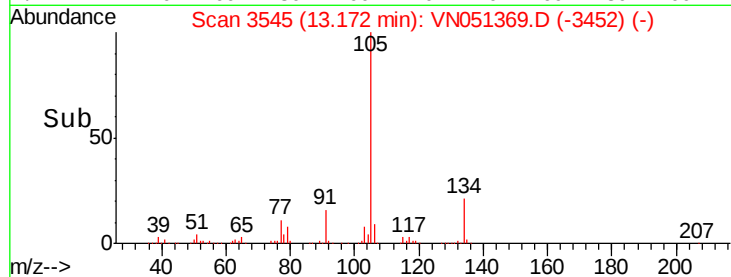
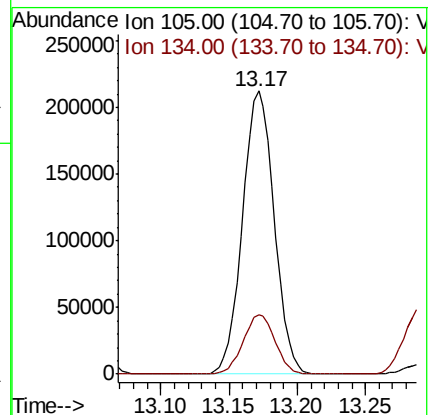
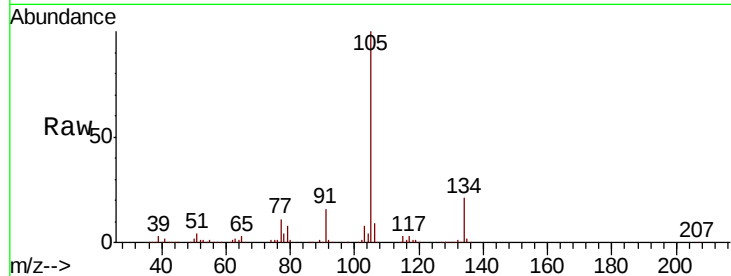
Acq: 21 Sep 2018 15:21

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

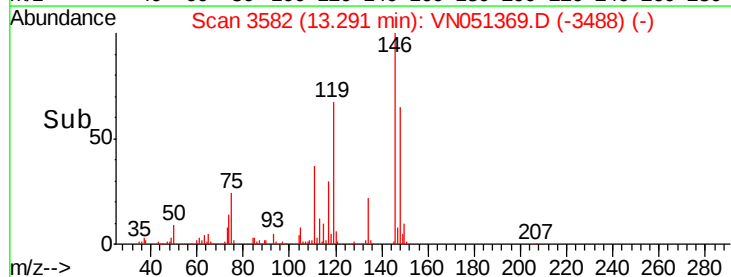
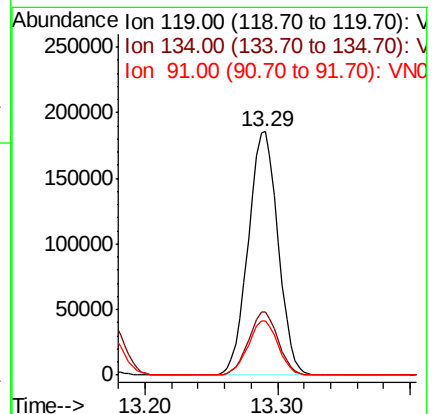
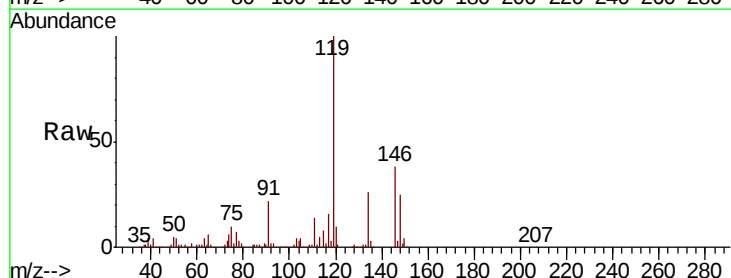
Tgt Ion:119 Resp: 289590

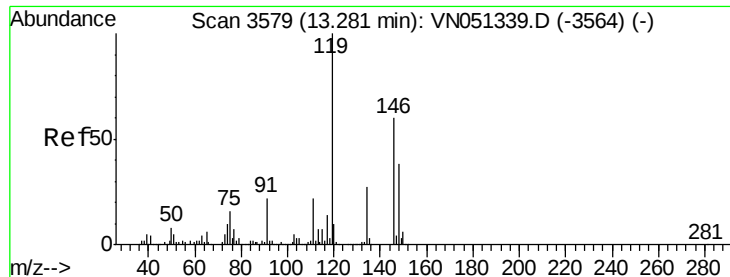
Ion Ratio Lower Upper

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

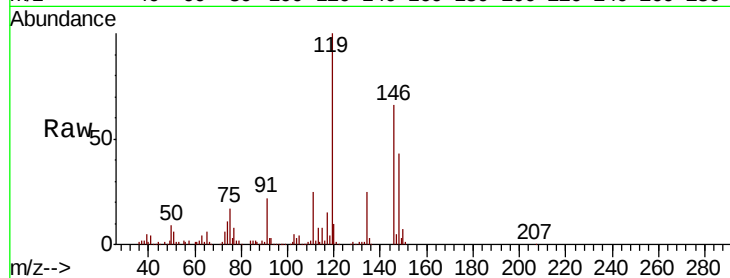
Tot Ion:146 Resp: 156384

Ion Ratio Lower Upper

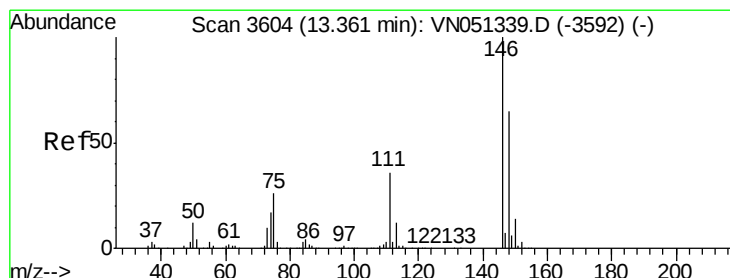
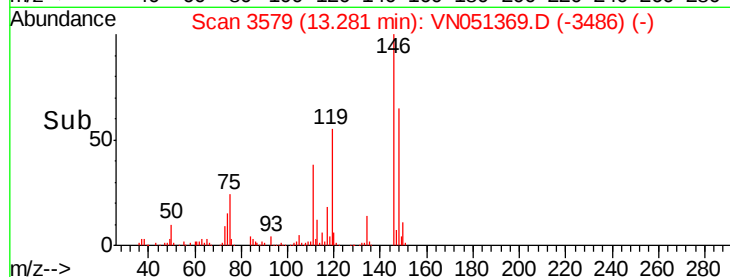
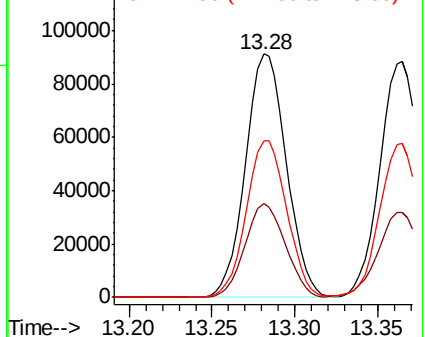
146 100

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

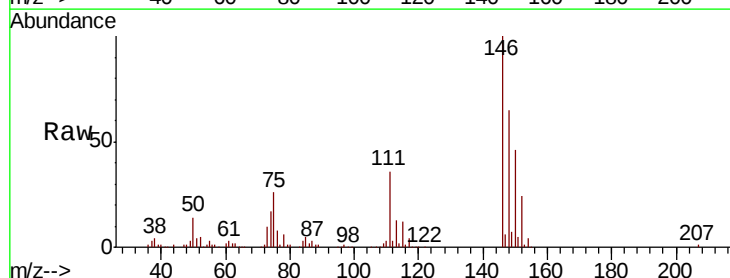
Tgt Ion:146 Resp: 148764

Ion Ratio Lower Upper

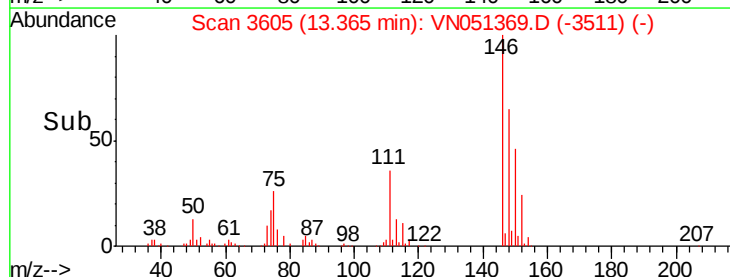
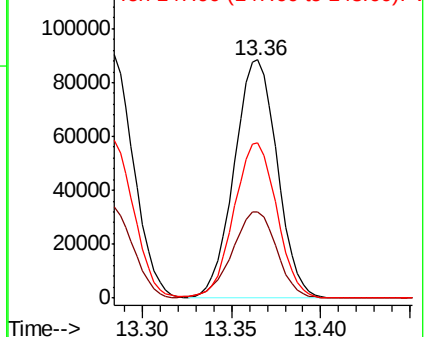
146 100

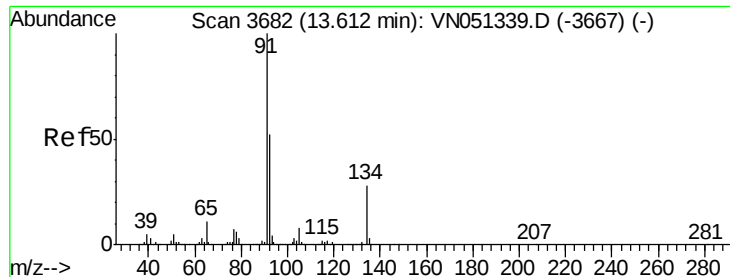
111 37.4 18.2 54.6

148 64.8 32.5 97.4



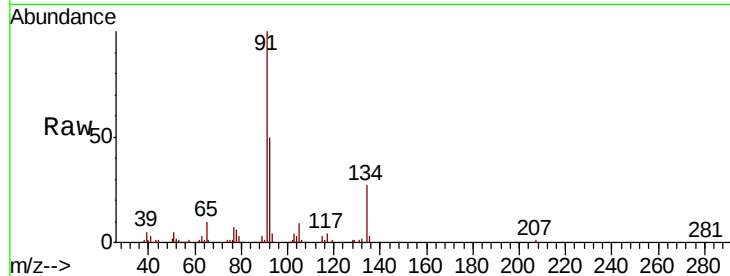
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



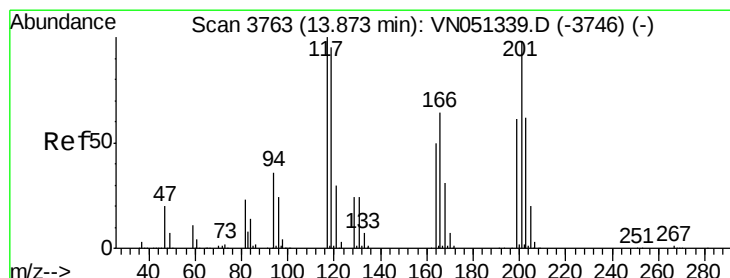
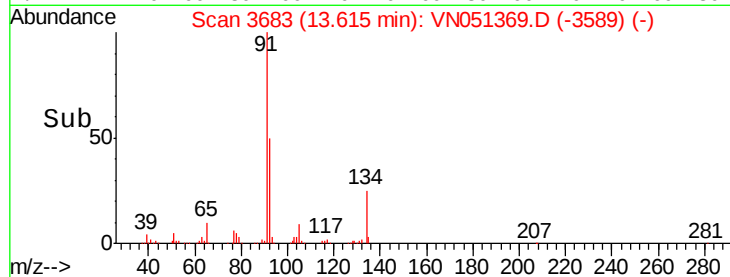
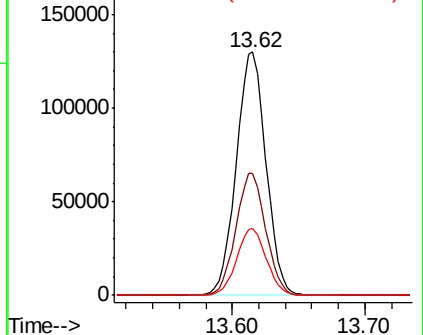


#89
n-Butylbenzene
Concen: 18.187 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tot Ion:	91	Resp:	202217
Ion	Ratio	Lower	Upper
91	100		
92	50.2	26.0	78.0
134	27.5	14.1	42.4

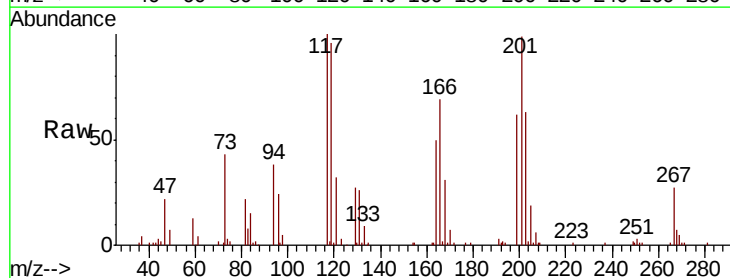


Abundance Ion 91.00 (90.70 to 91.70): VN051339.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN051339.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN051339.D (-3667) (-)

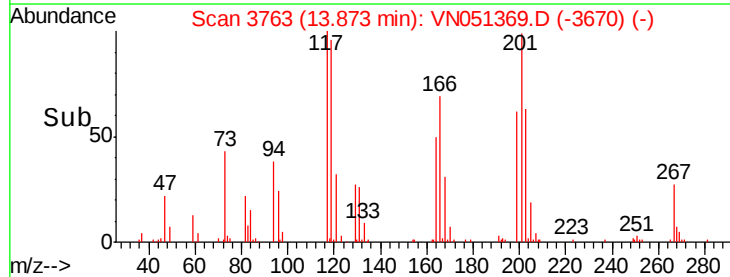
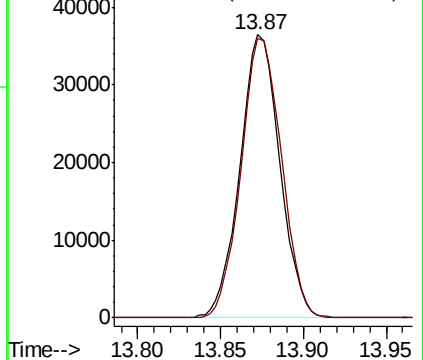


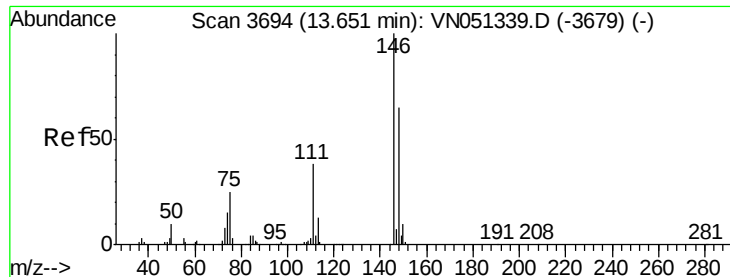
#90
Hexachloroethane
Concen: 21.030 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051369.D
Acq: 21 Sep 2018 15:21

Tgt Ion:	117	Resp:	60917
Ion	Ratio	Lower	Upper
117	100		
201	100.2	49.5	148.3



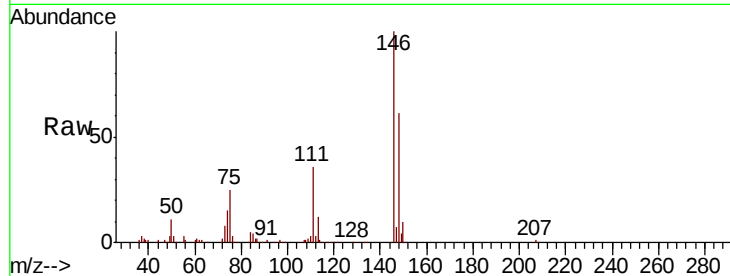
Abundance Ion 116.80 (116.50 to 117.50): VN051339.D (-3746) (-)
Ion 200.70 (200.40 to 201.40): VN051339.D (-3746) (-)



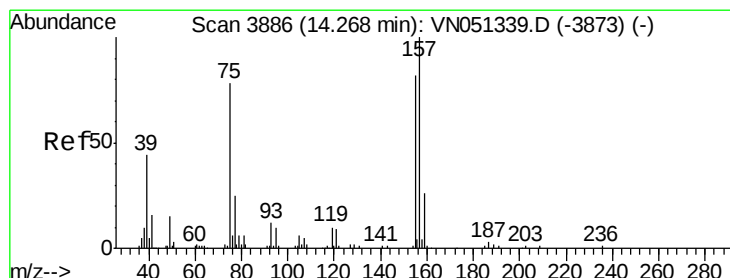
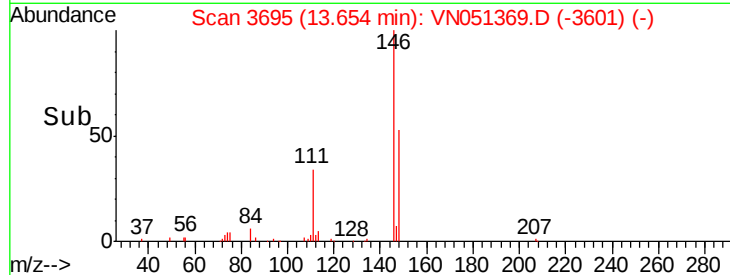
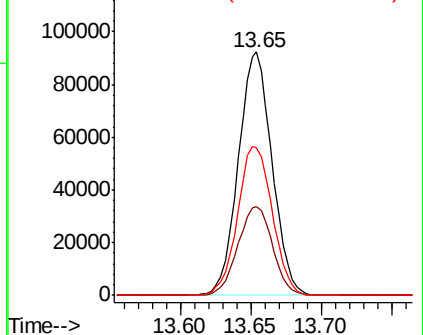


#91
 1,2-Dichlorobenzene
 Concen: 21.372 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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

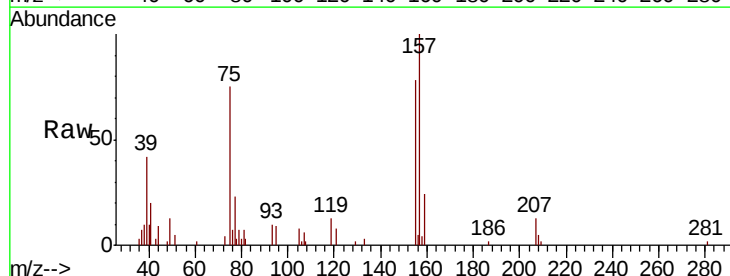


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

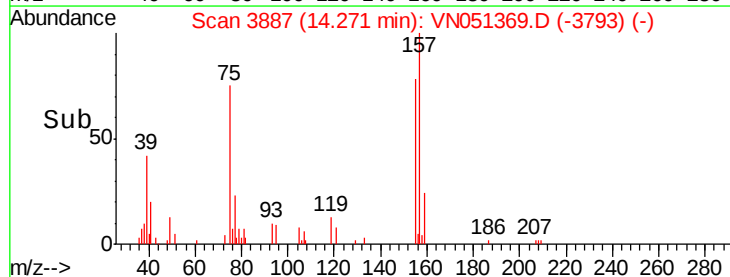
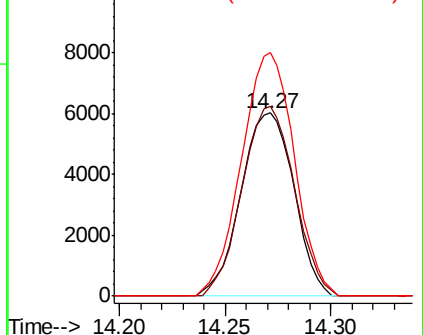


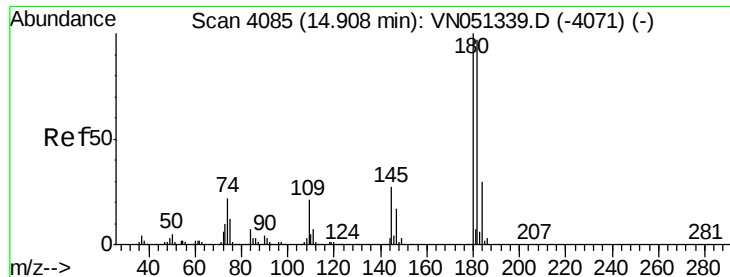
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.002 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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



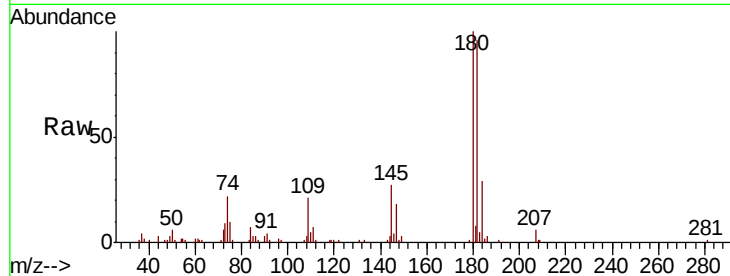
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



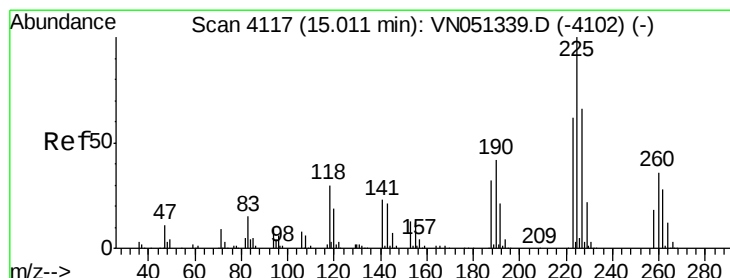
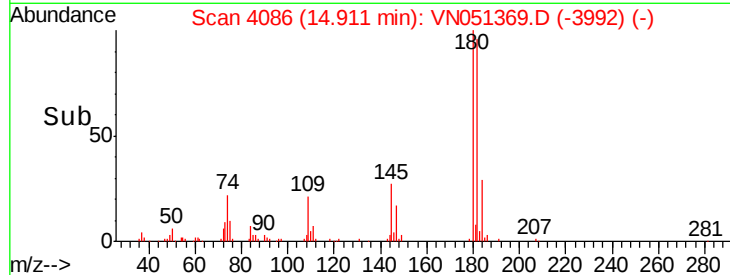
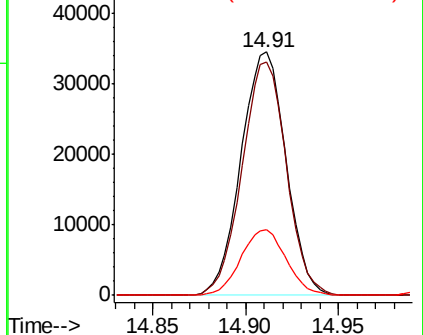


#93
 1,2,4-Trichlorobenzene
 Concen: 16.965 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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

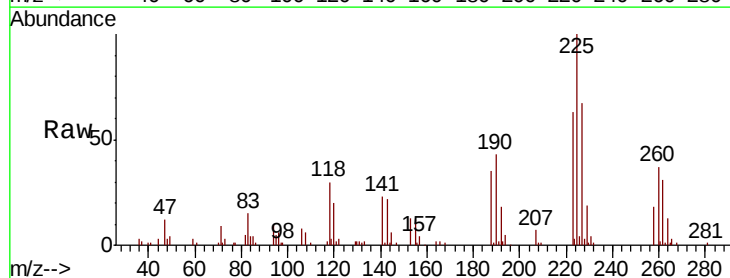


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

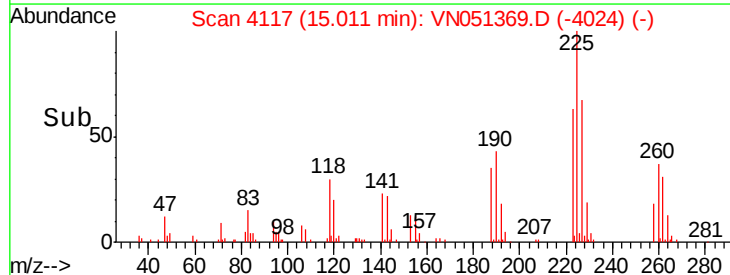
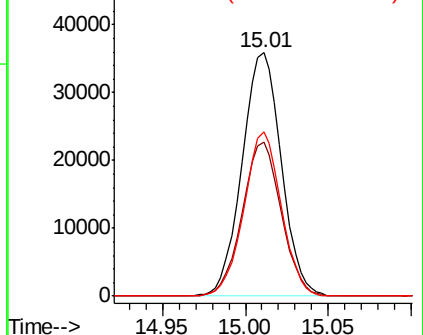


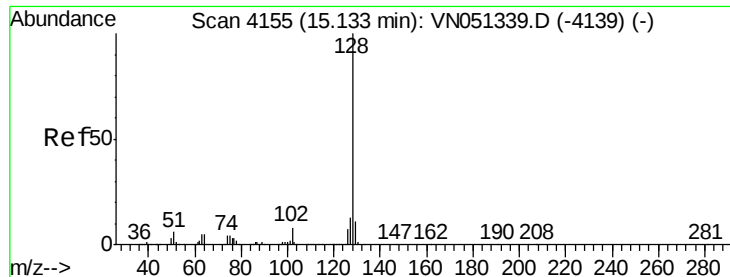
#94
 Hexachlorobutadiene
 Concen: 21.073 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051369.D
 Acq: 21 Sep 2018 15:21

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

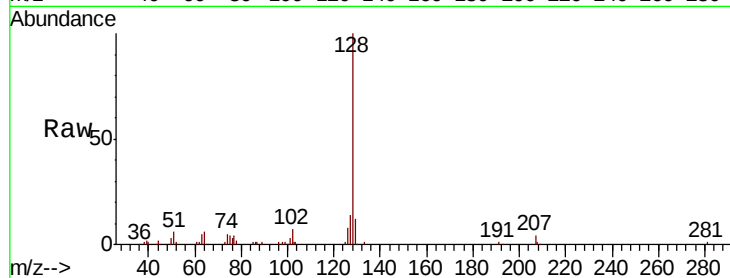
Delta R.T. 0.00 min

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

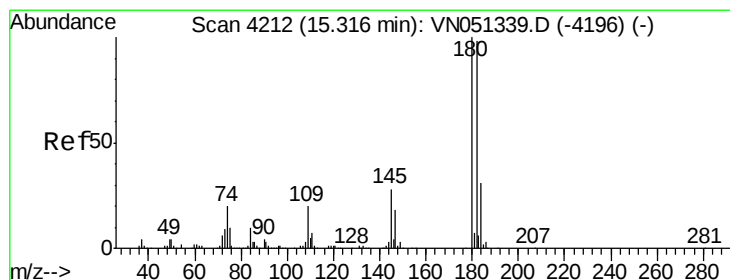
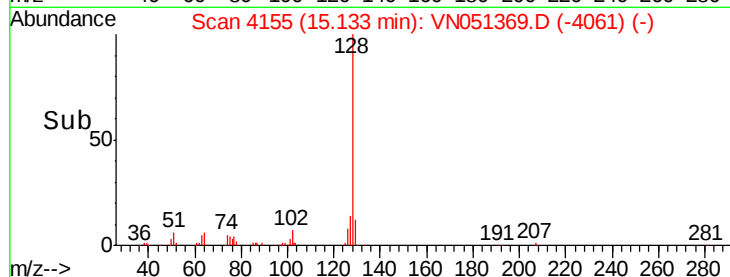
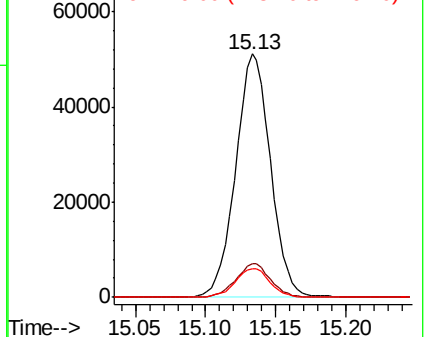


Abundance

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

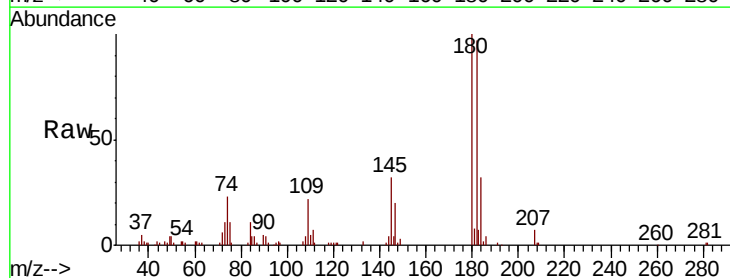
Delta R.T. -0.00 min

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

