

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051367.D
 Acq On : 21 Sep 2018 14:32
 Operator : MD\SY
 Sample : VN0922WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 21 23:00:27 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	7.66	168	655831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	851005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	781124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	395324	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	305730	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	
35) Dibromofluoromethane	7.59	113	308299	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	1162636	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	12.40	95	375208	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	99157	18.093	ug/l	99
3) Chloromethane	2.06	50	129915	17.897	ug/l	100
4) Vinyl Chloride	2.18	62	140534	18.192	ug/l	100
5) Bromomethane	2.57	94	92804	17.222	ug/l	97
6) Chloroethane	2.70	64	87377	18.404	ug/l	98
7) Trichlorofluoromethane	3.02	101	205963	18.649	ug/l	97
8) Diethyl Ether	3.41	74	63058	17.845	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126641	18.688	ug/l	99
10) Methyl Iodide	3.95	142	152927	15.248	ug/l	99
11) Tert butyl alcohol	4.79	59	31926	84.718	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	112530	18.343	ug/l	99
13) Acrolein	3.61	56	34561	82.146	ug/l	97
14) Allyl chloride	4.33	41	155530	17.987	ug/l	98
15) Acrylonitrile	4.99	53	165883	86.860	ug/l	100
16) Acetone	3.82	43	118374	91.091	ug/l	98
17) Carbon Disulfide	4.05	76	329309	17.815	ug/l	99
18) Methyl Acetate	4.32	43	80538	18.548	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	273685	18.433	ug/l	98
20) Methylene Chloride	4.55	84	130570	17.870	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	119148	18.389	ug/l	95
22) Diisopropyl ether	5.95	45	322936	18.907	ug/l	99
23) Vinyl Acetate	5.90	43	1012498	91.646	ug/l	99
24) 1,1-Dichloroethane	5.85	63	214555	18.428	ug/l	98
25) 2-Butanone	6.84	43	177397	87.347	ug/l	99
26) 2,2-Dichloropropane	6.82	77	181376	18.853	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	132228	18.417	ug/l	99
28) Bromochloromethane	7.19	49	90754	18.807	ug/l	96
29) Tetrahydrofuran	7.21	42	112787	87.657	ug/l	99
30) Chloroform	7.37	83	226278	18.493	ug/l	98
31) Cyclohexane	7.65	56	190226	18.282	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	194703	18.469	ug/l	99
36) 1,1-Dichloropropene	7.79	75	169209	19.439	ug/l	99
37) Ethyl Acetate	6.93	43	79304	18.402	ug/l	98
38) Carbon Tetrachloride	7.77	117	182573	19.388	ug/l	99

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

39) Methylcyclohexane	9.08	83	200448	19.731	ug/l	98
40) Benzene	8.04	78	508643	19.393	ug/l	100
41) Methacrylonitrile	7.17	41	40361	17.978	ug/l	98
42) 1,2-Dichloroethane	8.12	62	151673	19.143	ug/l	99
43) Isopropyl Acetate	8.16	43	147313	19.519	ug/l #	89
44) Trichloroethene	8.83	130	146821	19.500	ug/l	99
45) 1,2-Dichloropropane	9.12	63	130082	19.381	ug/l	99
46) Dibromomethane	9.21	93	80098	19.359	ug/l	98
47) Bromodichloromethane	9.40	83	167280	18.955	ug/l	100
48) Methyl methacrylate	9.20	41	68607	17.831	ug/l	95
49) 1,4-Dioxane	9.20	88	21338	375.010	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	391370	96.404	ug/l	100
52) Toluene	10.16	92	327698	20.290	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	160063	18.890	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	192952	19.667	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	118186	19.510	ug/l	96
56) Ethyl methacrylate	10.43	69	121124	17.591	ug/l	97
57) 1,3-Dichloropropane	10.71	76	184807	19.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	311433	90.823	ug/l	100
59) 2-Hexanone	10.75	43	257885	94.223	ug/l	99
60) Dibromochloromethane	10.90	129	136010	19.253	ug/l	98
61) 1,2-Dibromoethane	11.00	107	111292	19.109	ug/l	99
64) Tetrachloroethene	10.63	164	136531	20.044	ug/l	98
65) Chlorobenzene	11.43	112	361107	19.350	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	136931	19.274	ug/l	98
67) Ethyl Benzene	11.51	91	574300	19.672	ug/l	100
68) m/p-Xylenes	11.62	106	472227	41.172	ug/l	99
69) o-Xylene	11.95	106	222478	20.121	ug/l	99
70) Styrene	11.96	104	351881	18.812	ug/l	99
71) Bromoform	12.12	173	95960	19.902	ug/l #	100
73) Isopropylbenzene	12.25	105	593651	20.490	ug/l	100
74) N-amyl acetate	12.07	43	112671	18.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	133360	19.898	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	155921	28.982	ug/l #	100
77) Bromobenzene	12.53	156	155448	19.419	ug/l	98
78) n-propylbenzene	12.59	91	661338	20.938	ug/l	100
79) 2-Chlorotoluene	12.67	91	395731	20.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	505762	21.533	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	33514	19.007	ug/l	99
82) 4-Chlorotoluene	12.77	91	392113	20.725	ug/l	100
83) tert-Butylbenzene	12.99	119	443610	21.101	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	501936	21.531	ug/l	100
85) sec-Butylbenzene	13.17	105	596336	21.330	ug/l	98
86) p-Isopropyltoluene	13.29	119	520213	21.381	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	269845	20.055	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	256667	19.678	ug/l	99
89) n-Butylbenzene	13.61	91	380438	18.955	ug/l	99
90) Hexachloroethane	13.87	117	98847	18.970	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	256014	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17463	18.440	ug/l	94

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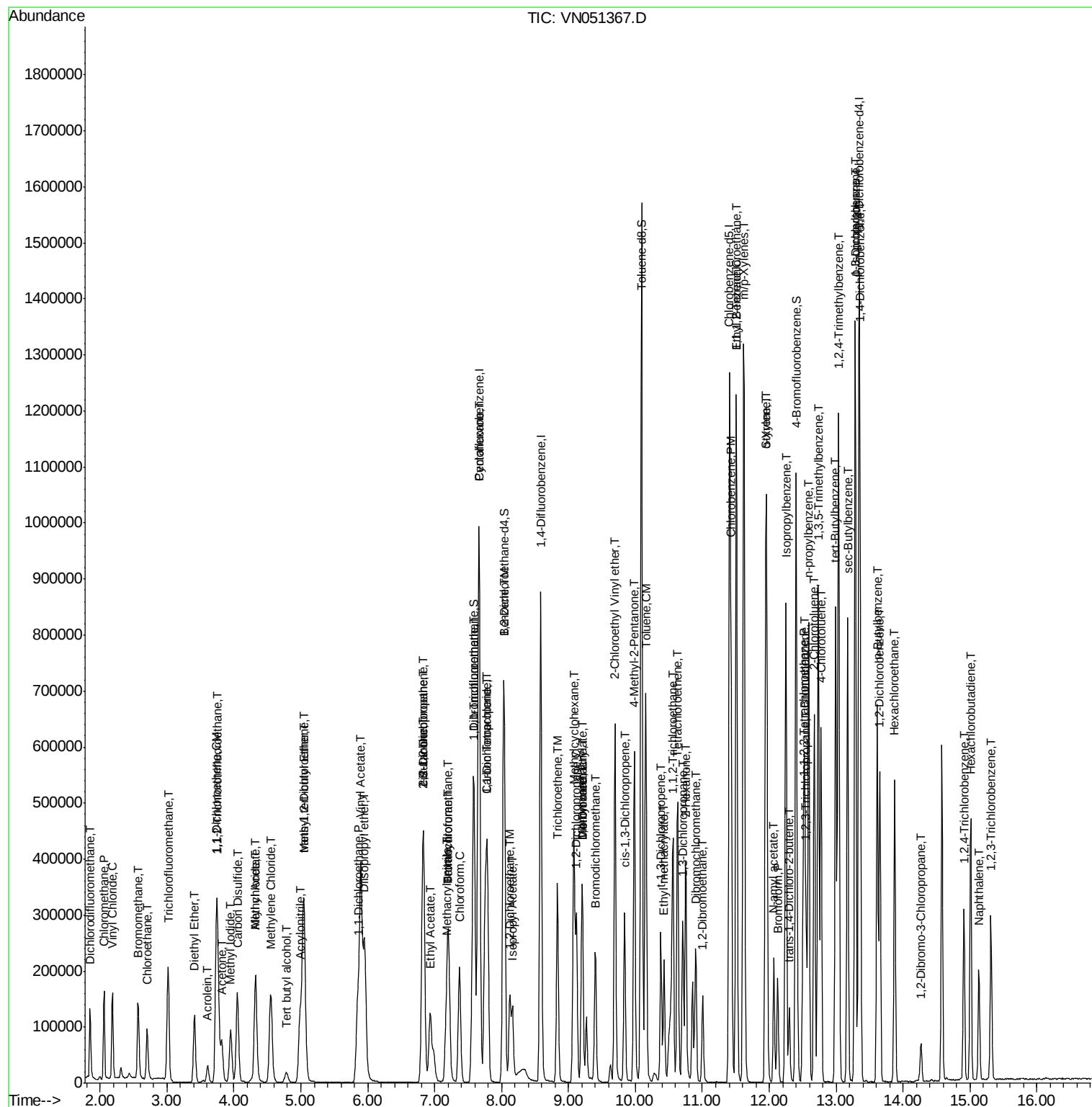
Quant Time: Sep 21 23:00:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
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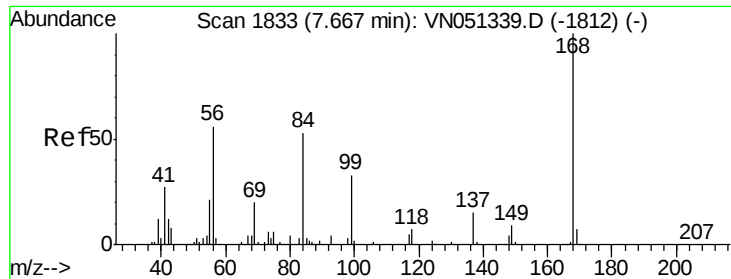
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	112536	17.870	ug/l	99
94) Hexachlorobutadiene	15.01	225	104105	20.638	ug/l	98
95) Naphthalene	15.13	128	173044	16.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	115866	18.399	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051367.D

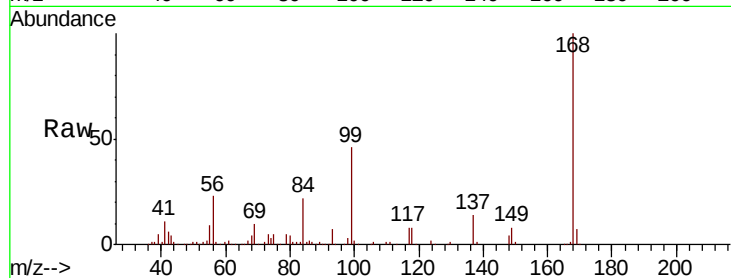
Acq: 21 Sep 2018 14:32

Tot Ion:168 Resp: 655831

Ion Ratio Lower Upper

168 100

99 45.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

150000

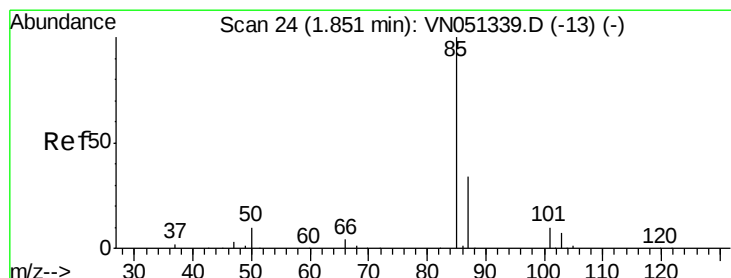
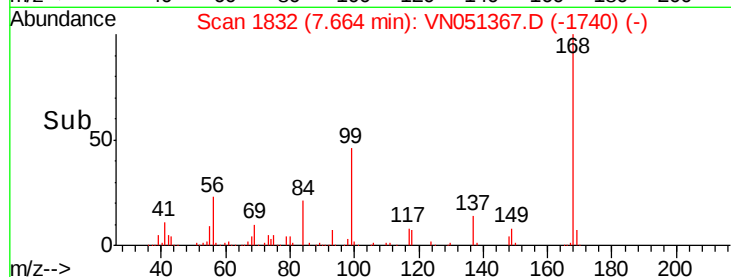
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.093 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051367.D

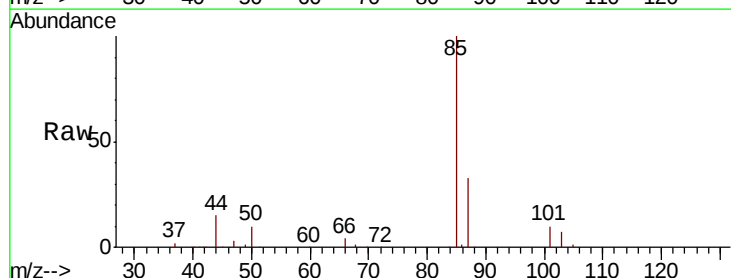
Acq: 21 Sep 2018 14:32

Tgt Ion: 85 Resp: 99157

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

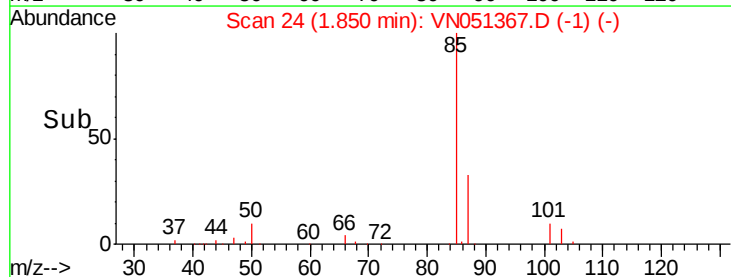
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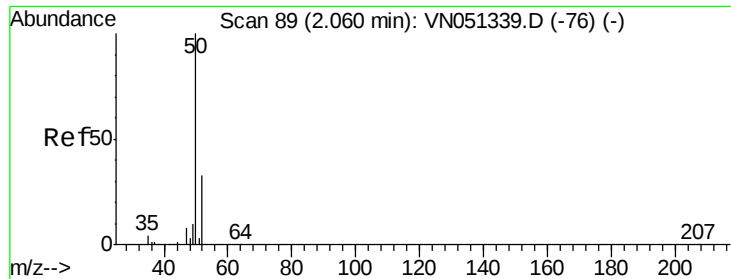
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.897 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051367.D

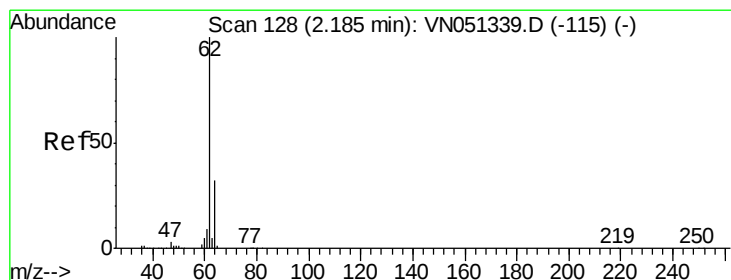
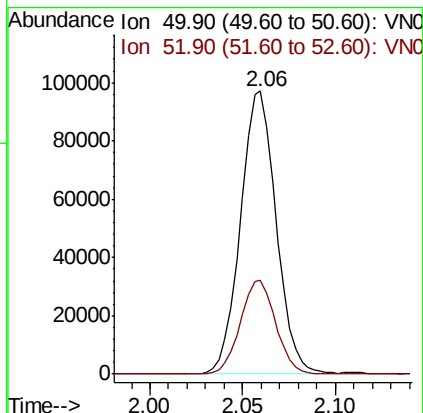
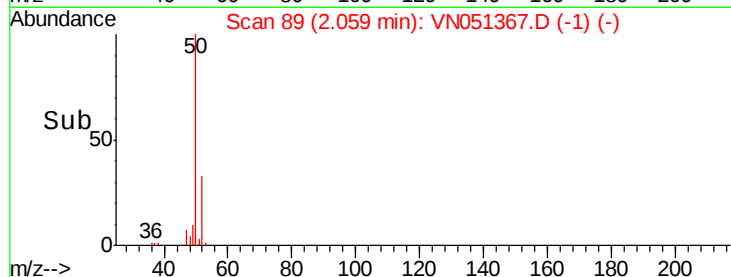
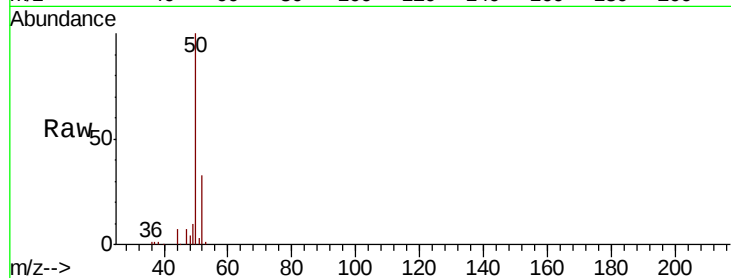
Acq: 21 Sep 2018 14:32

Tot Ion: 50 Resp: 129915

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 18.192 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051367.D

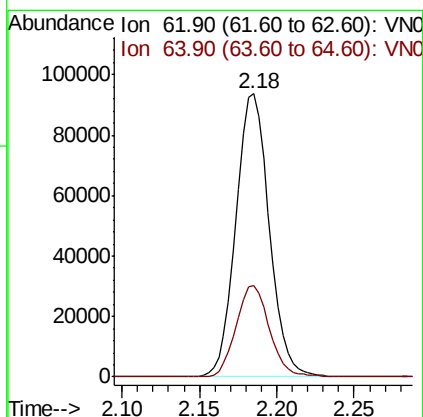
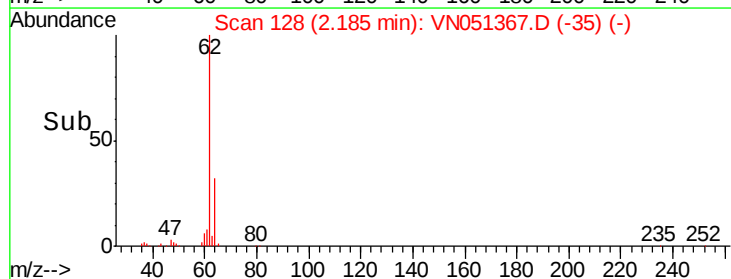
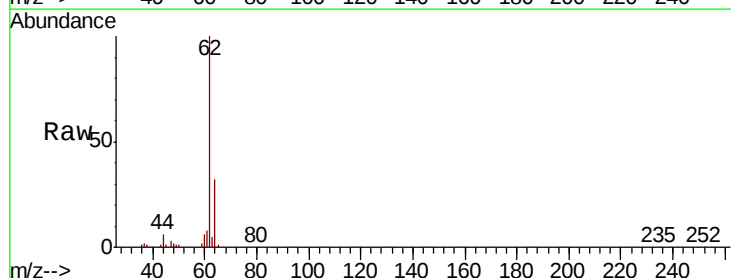
Acq: 21 Sep 2018 14:32

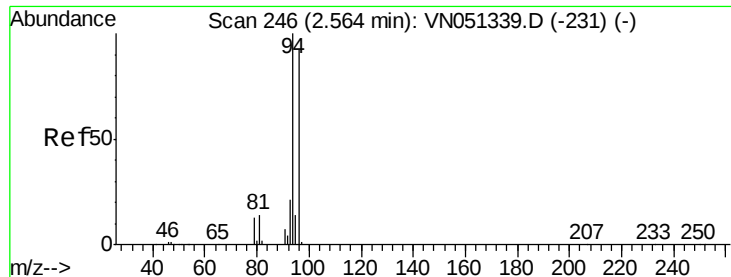
Tgt Ion: 62 Resp: 140534

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 17.222 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051367.D

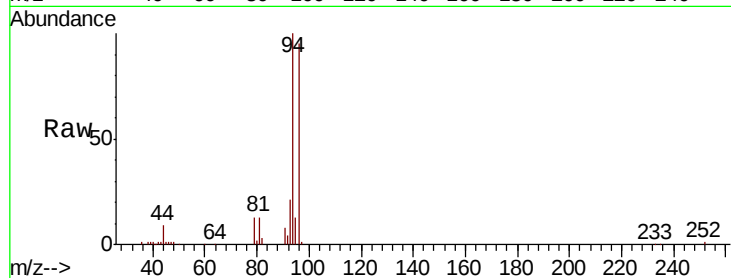
Acq: 21 Sep 2018 14:32

Tot Ion: 94 Resp: 92804

Ion Ratio Lower Upper

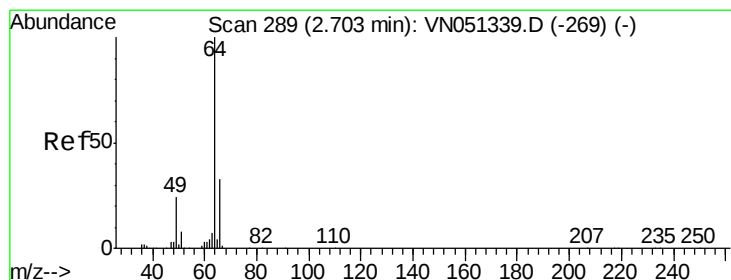
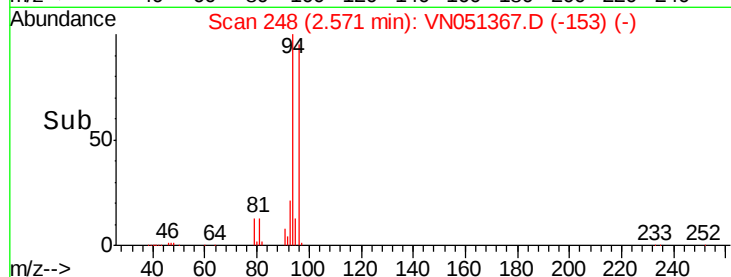
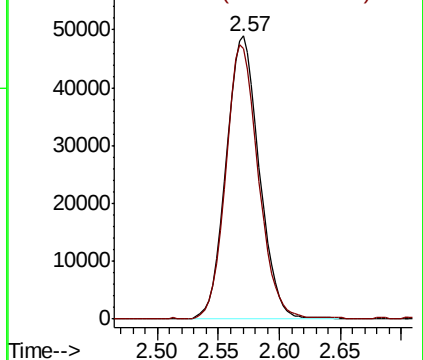
94 100

96 95.4 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: 18.404 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051367.D

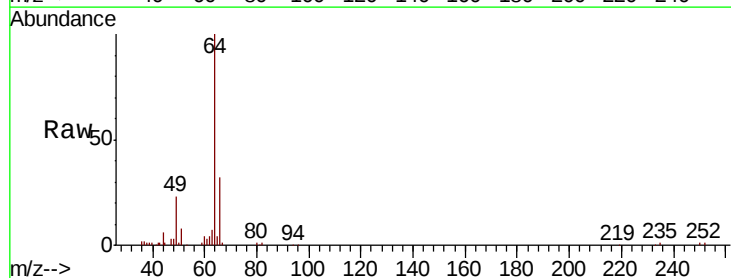
Acq: 21 Sep 2018 14:32

Tgt Ion: 64 Resp: 87377

Ion Ratio Lower Upper

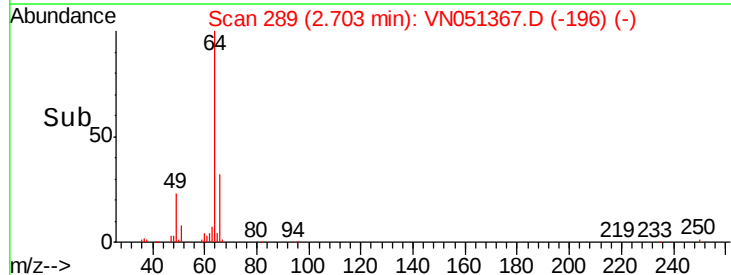
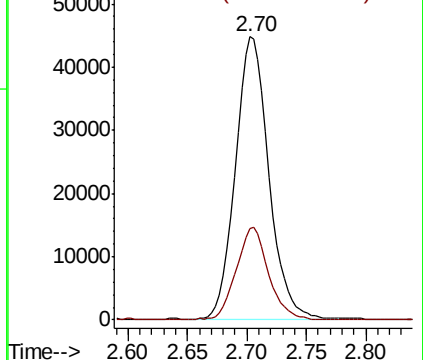
64 100

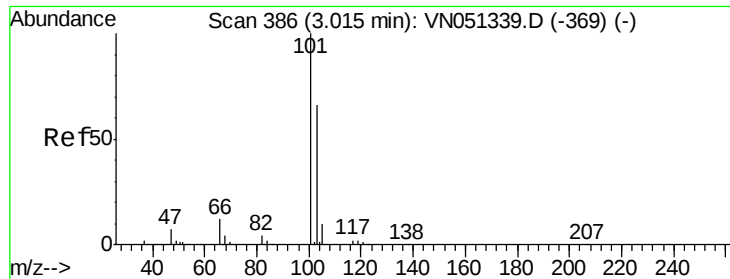
66 32.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

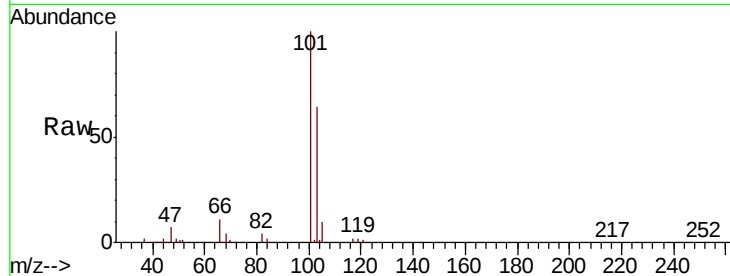




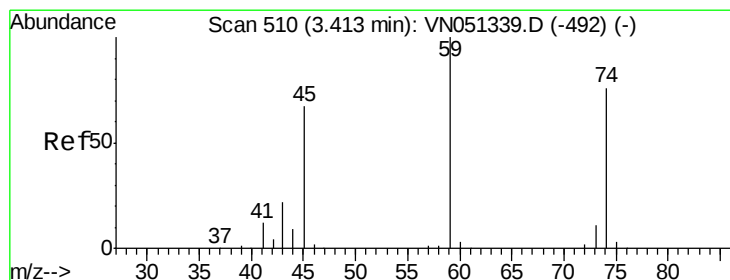
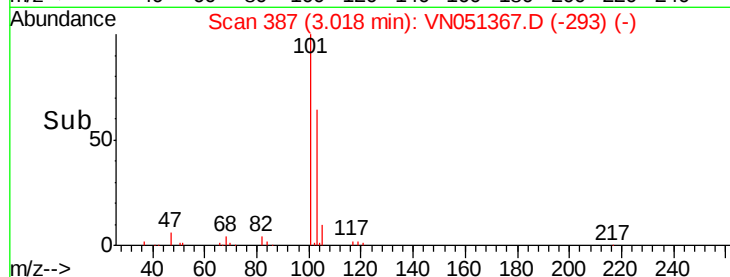
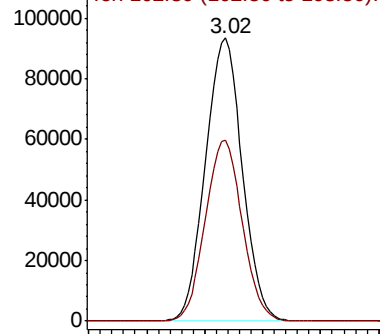
#7

Trichlorofluoromethane
Concen: 18.649 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion:101 Resp: 205963
Ion Ratio Lower Upper
101 100
103 63.9 52.7 79.1



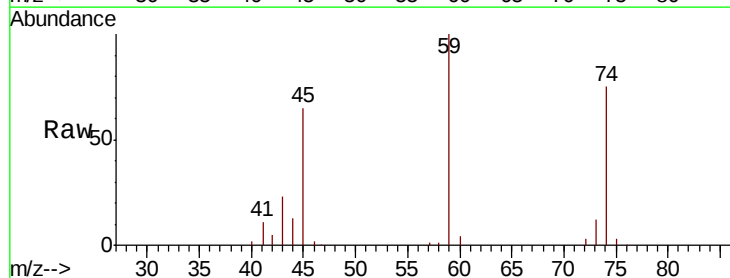
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



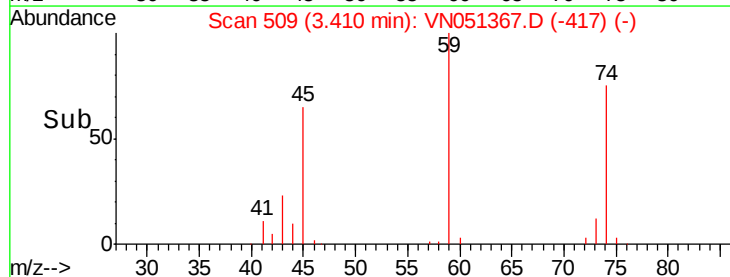
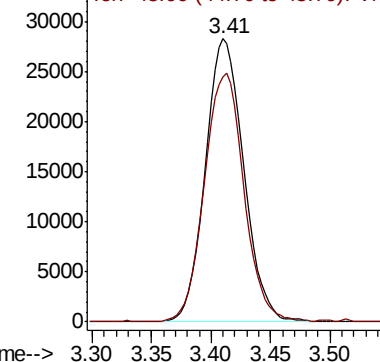
#8

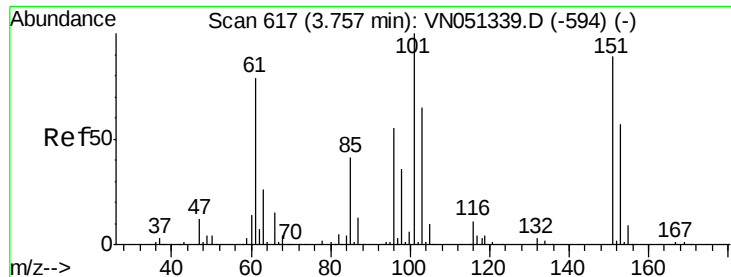
Diethyl Ether
Concen: 17.845 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion: 74 Resp: 63058
Ion Ratio Lower Upper
74 100
45 90.7 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: 18.688 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

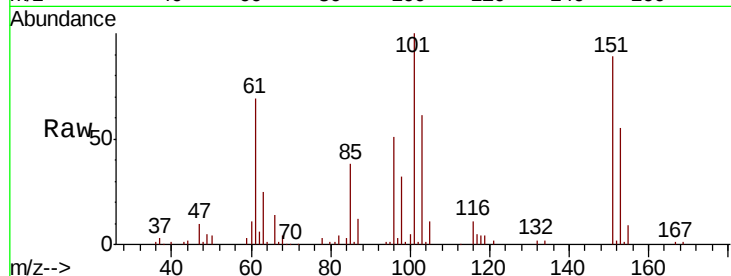
Tot Ion:101 Resp: 126641

Ion Ratio Lower Upper

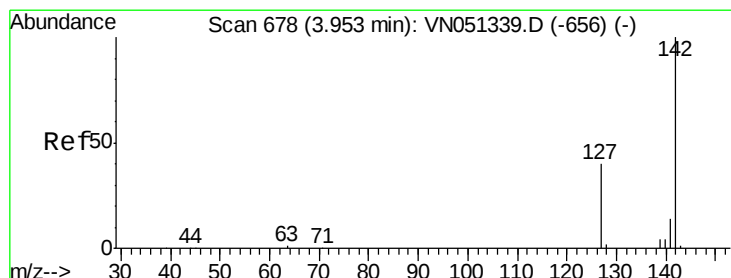
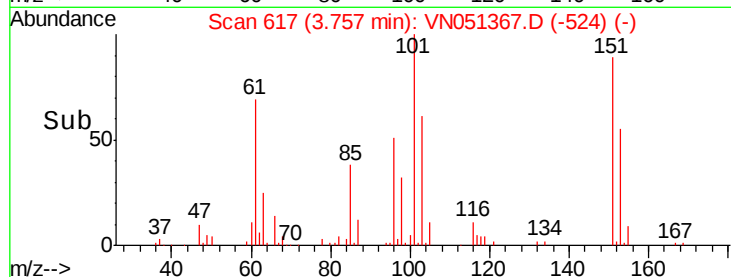
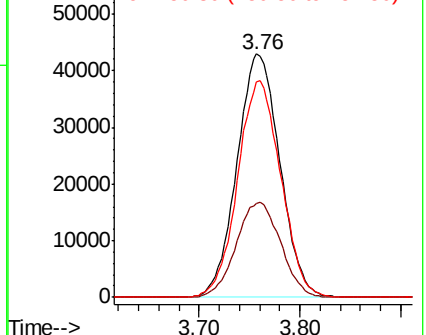
101 100

85 40.5 33.4 50.2

151 89.5 71.8 107.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.248 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

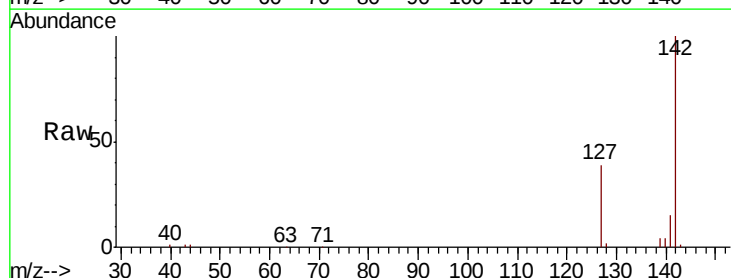
Tgt Ion:142 Resp: 152927

Ion Ratio Lower Upper

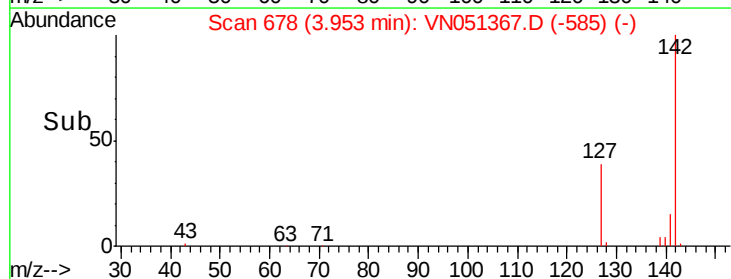
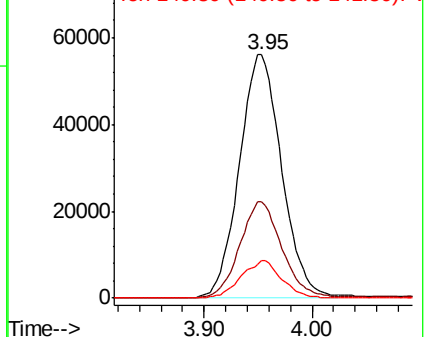
142 100

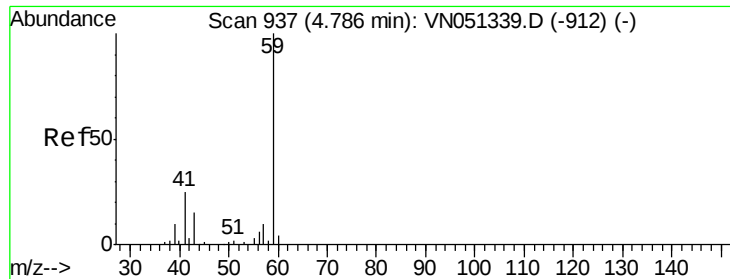
127 39.5 31.9 47.9

141 14.7 11.4 17.0



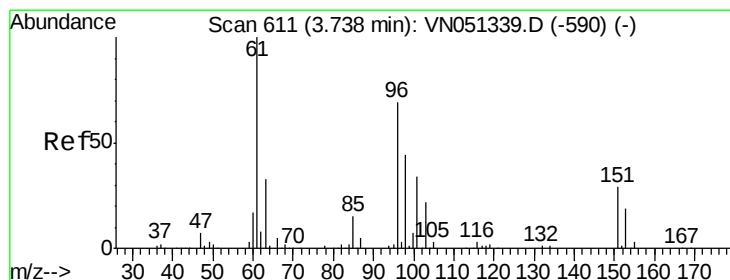
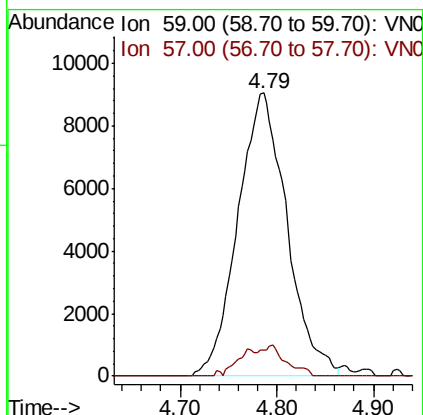
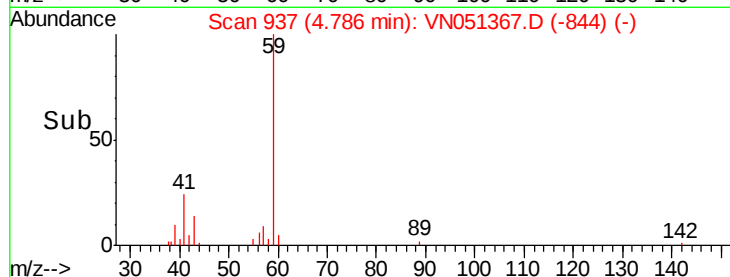
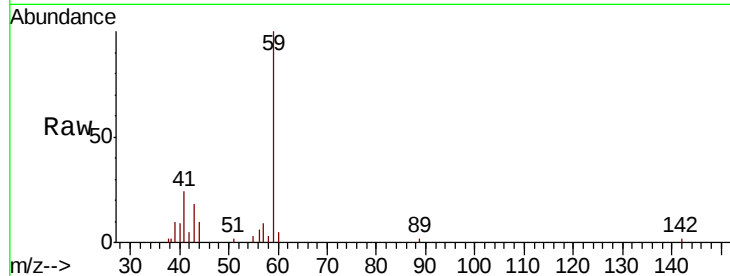
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





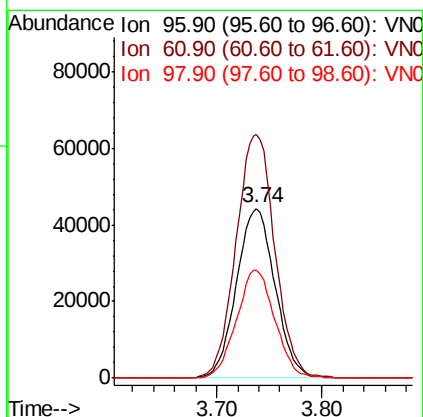
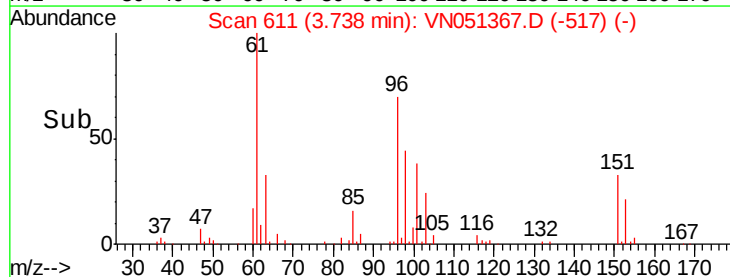
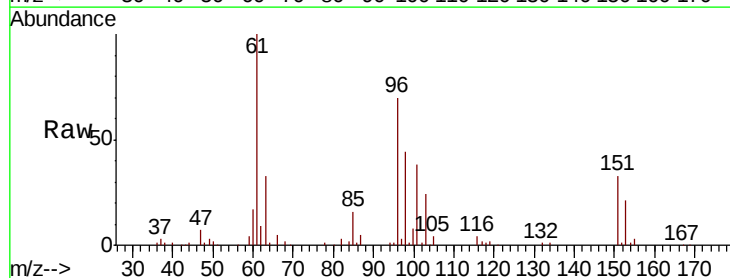
#11
Tert butyl alcohol
Concen: 84.718 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

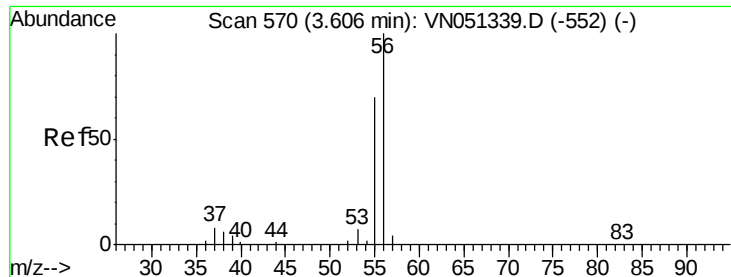
Tot Ion: 59 Resp: 31926
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 18.343 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion: 96 Resp: 112530
Ion Ratio Lower Upper
96 100
61 143.3 116.4 174.6
98 63.4 50.9 76.3





#13

Acrolein

Concen: 82.146 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051367.D

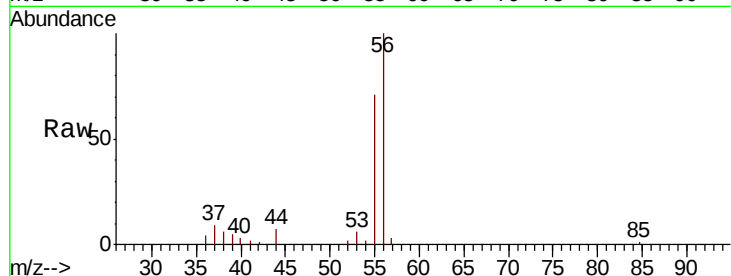
Acq: 21 Sep 2018 14:32

Tot Ion: 56 Resp: 34561

Ion Ratio Lower Upper

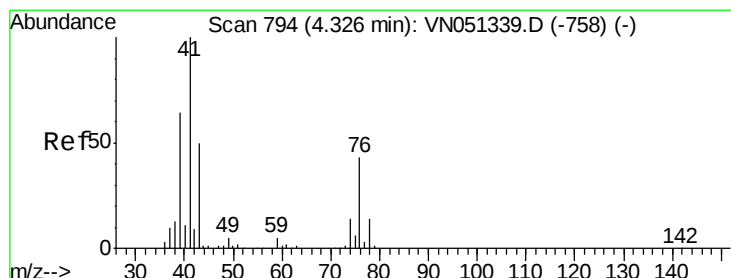
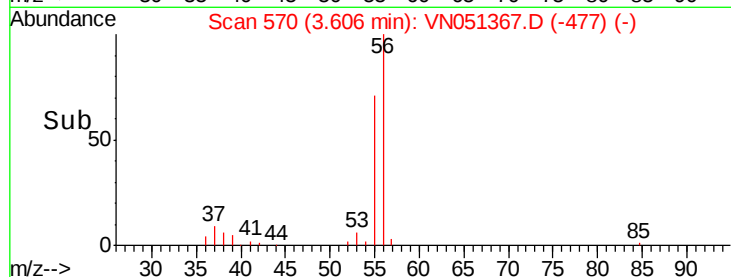
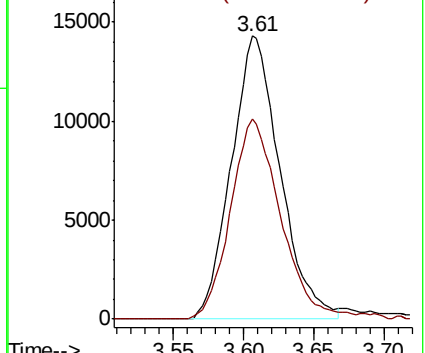
56 100

55 73.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.987 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

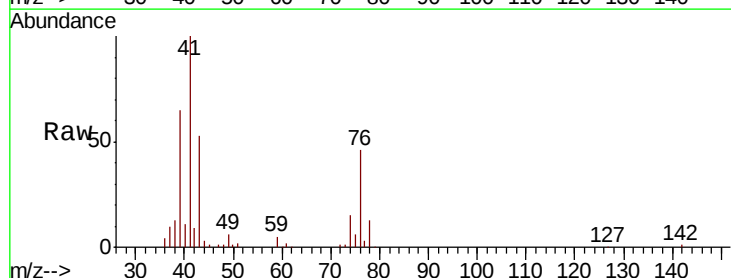
Tgt Ion: 41 Resp: 155530

Ion Ratio Lower Upper

41 100

39 62.4 50.4 75.6

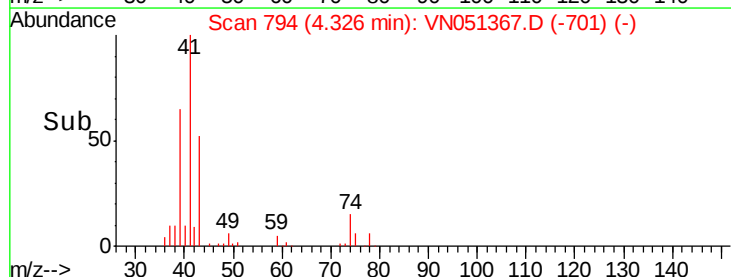
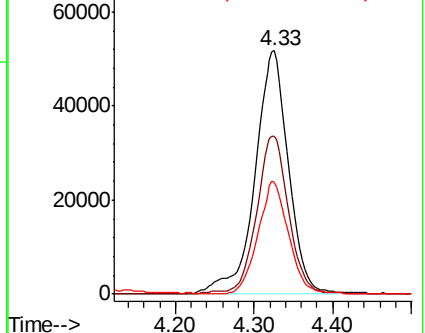
76 42.5 32.4 48.6

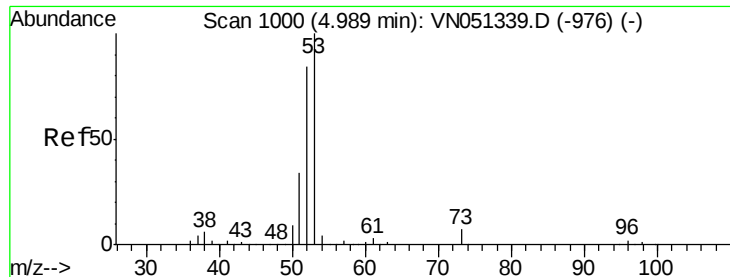


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

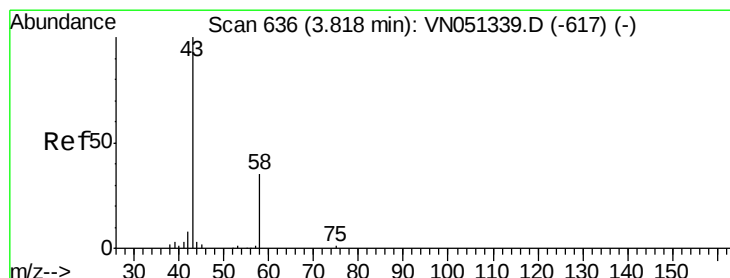
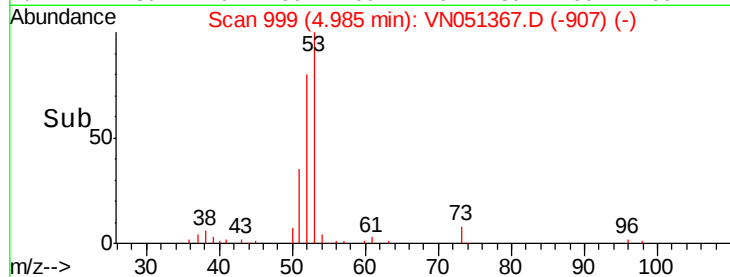
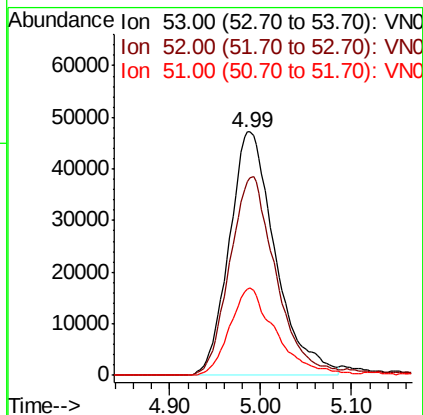
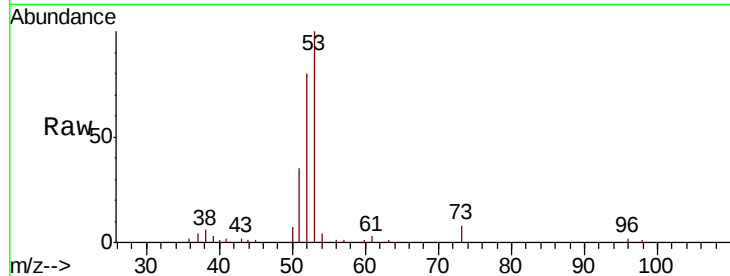




#15
 Acrylonitrile
 Concen: 86.860 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tot Ion: 53 Resp: 165883

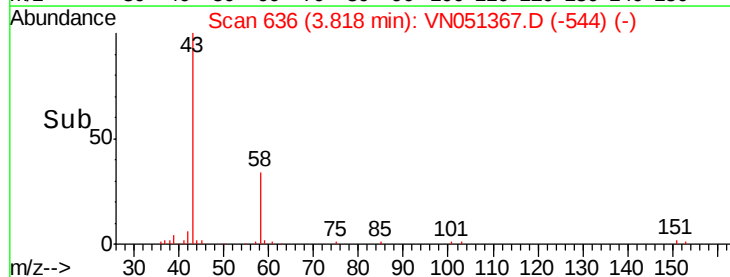
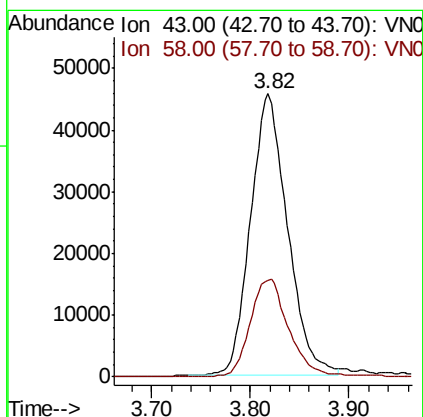
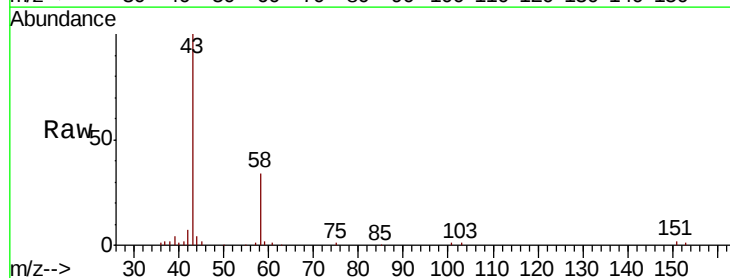
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.4	98.0
51	36.0	28.3	42.5

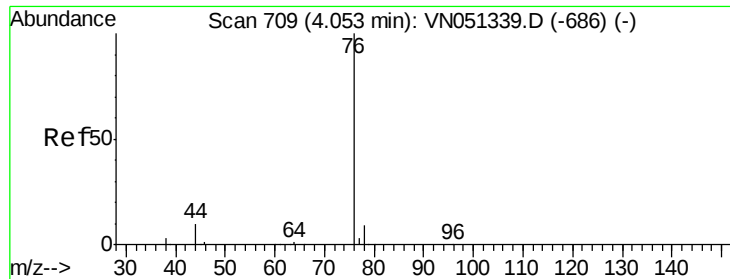


#16
 Acetone
 Concen: 91.091 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tgt Ion: 43 Resp: 118374

Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.3	42.5





#17

Carbon Disulfide

Concen: 17.815 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN051367.D

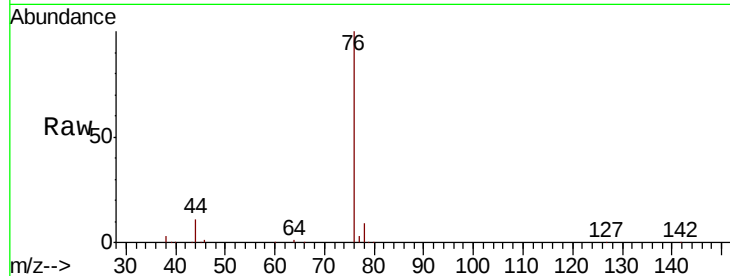
Acq: 21 Sep 2018 14:32

Tot Ion: 76 Resp: 329309

Ion Ratio Lower Upper

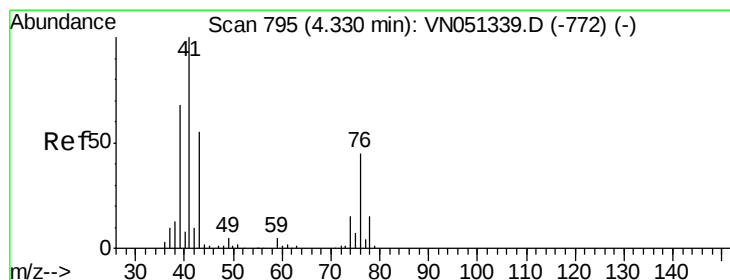
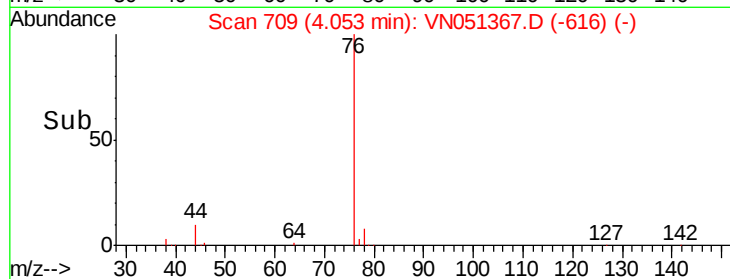
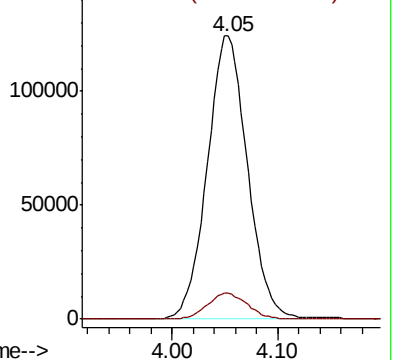
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.548 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN051367.D

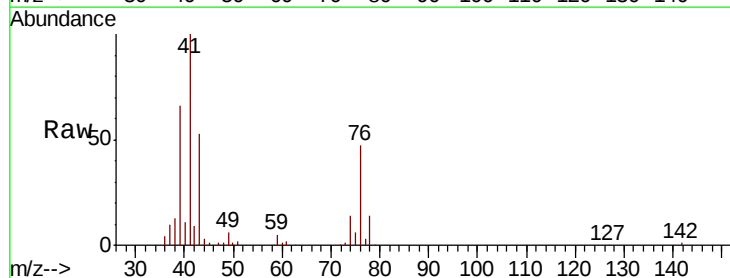
Acq: 21 Sep 2018 14:32

Tgt Ion: 43 Resp: 80538

Ion Ratio Lower Upper

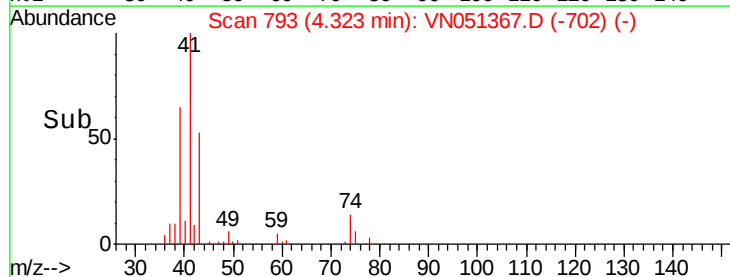
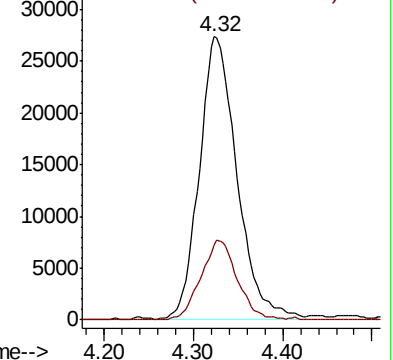
43 100

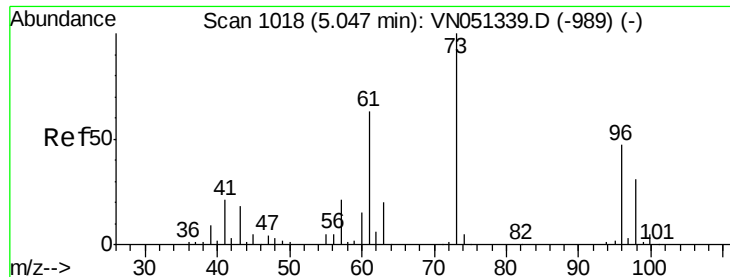
74 27.1 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

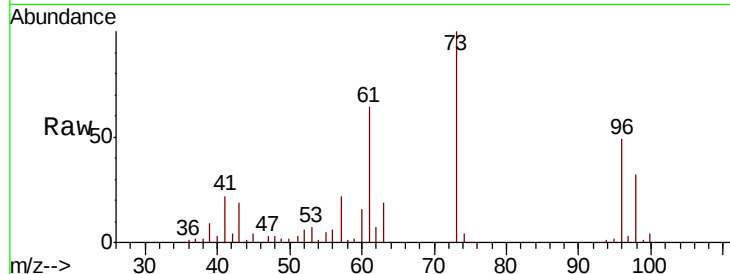




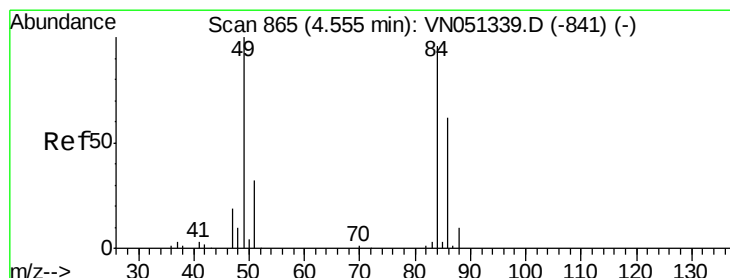
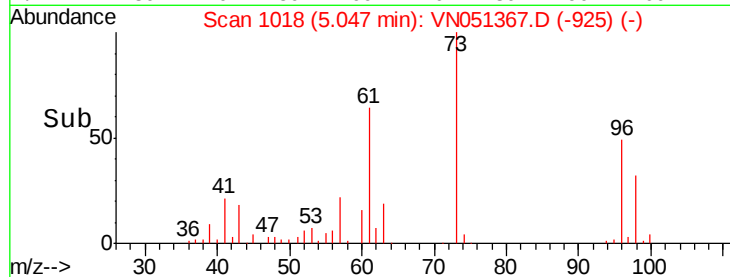
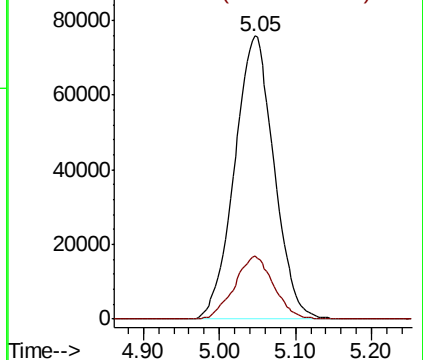
#19

Methyl tert-butyl Ether
 Concen: 18.433 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tot Ion: 73 Resp: 273685
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.9 25.3



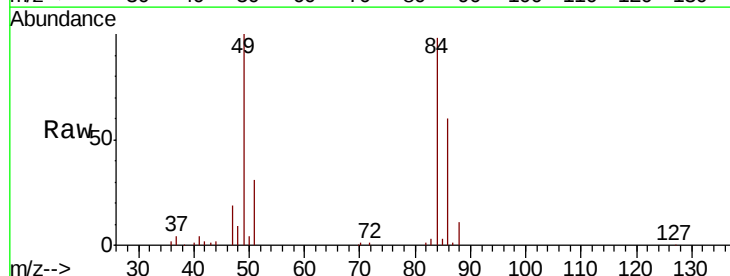
Abundance Ion 73.00 (72.70 to 73.70): VN051339.D (-989) (-)
 Ion 57.00 (56.70 to 57.70): VN051339.D (-989) (-)



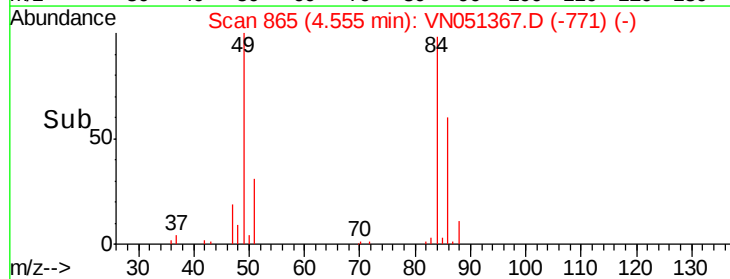
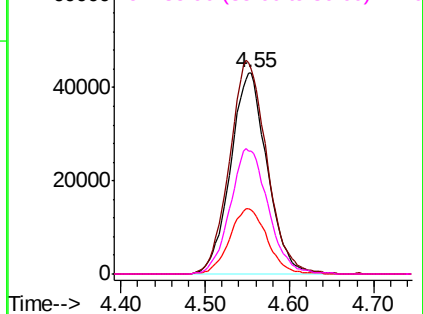
#20

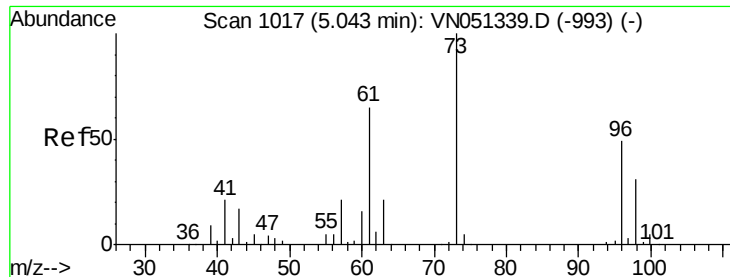
Methylene Chloride
 Concen: 17.870 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tgt Ion: 84 Resp: 130570
 Ion Ratio Lower Upper
 84 100
 49 101.6 83.2 124.8
 51 31.9 26.4 39.6
 86 61.0 51.4 77.0



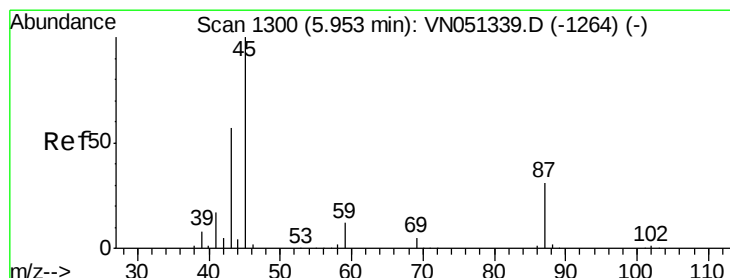
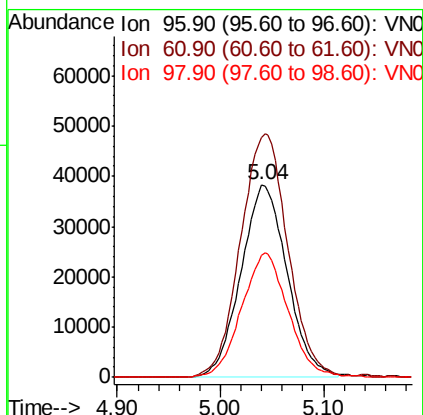
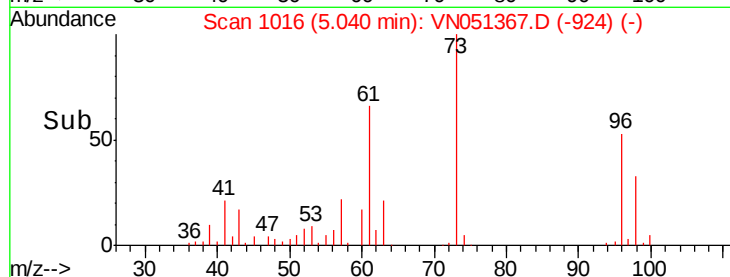
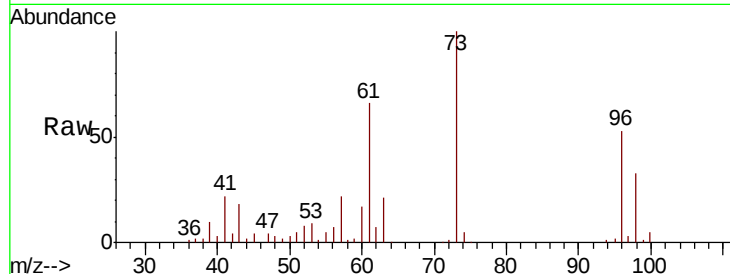
Abundance Ion 83.90 (83.60 to 84.60): VN051339.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN051339.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN051339.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN051339.D (-841) (-)





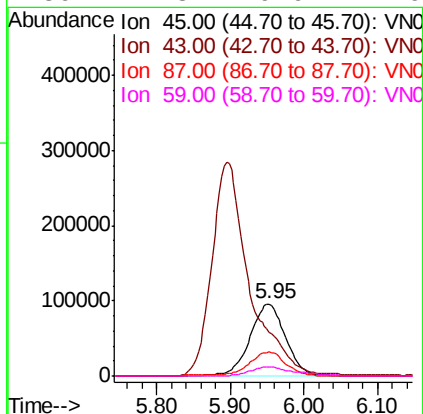
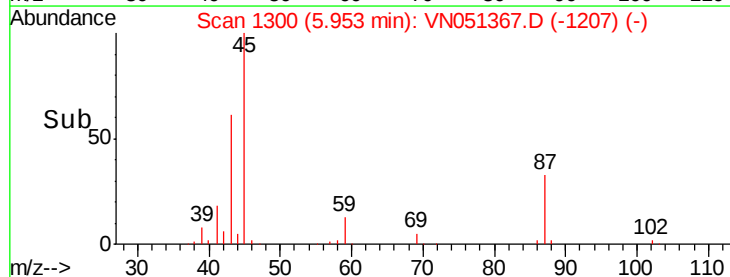
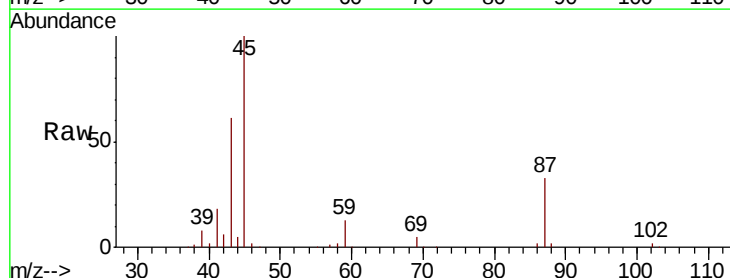
#21
trans-1,2-Dichloroethene
Concen: 18.389 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

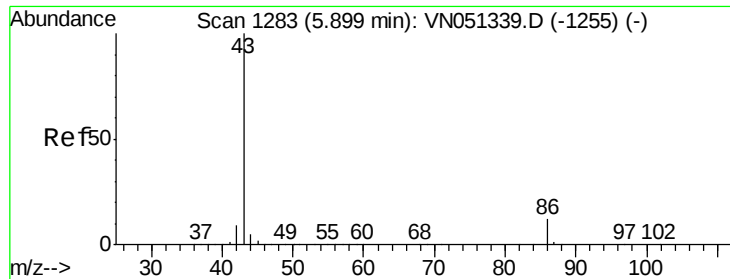
Tot Ion: 96 Resp: 119148
Ion Ratio Lower Upper
96 100
61 124.5 106.2 159.4
98 63.1 51.0 76.6



#22
Diisopropyl ether
Concen: 18.907 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

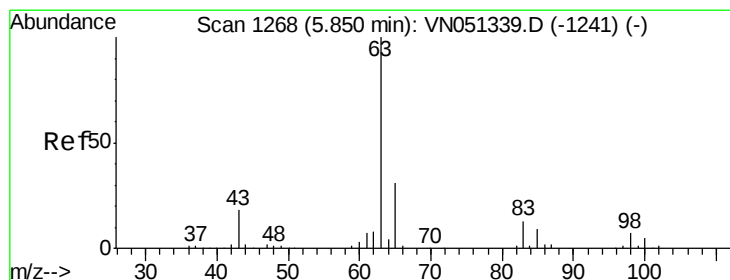
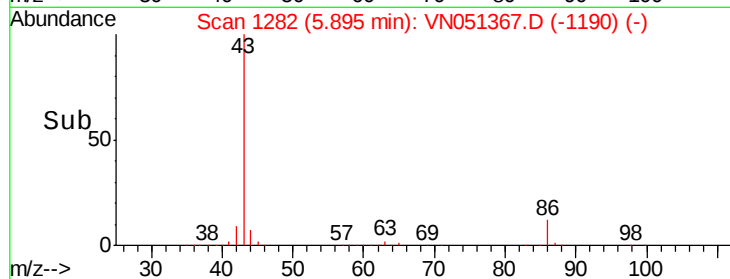
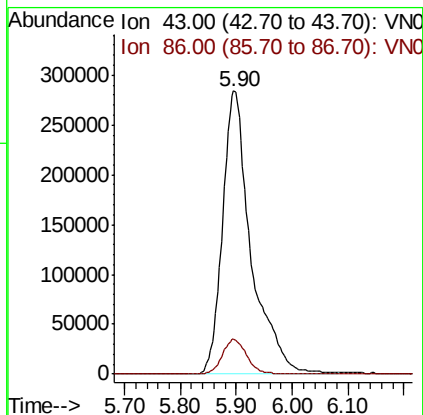
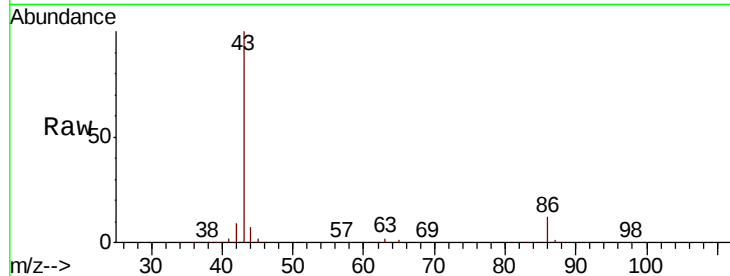
Tgt Ion: 45 Resp: 322936
Ion Ratio Lower Upper
45 100
43 58.0 46.1 69.1
87 32.8 25.6 38.4
59 12.8 9.9 14.9





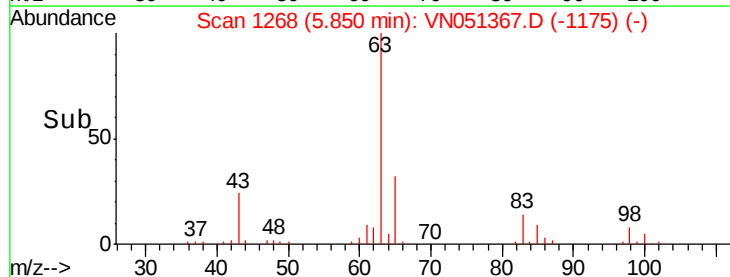
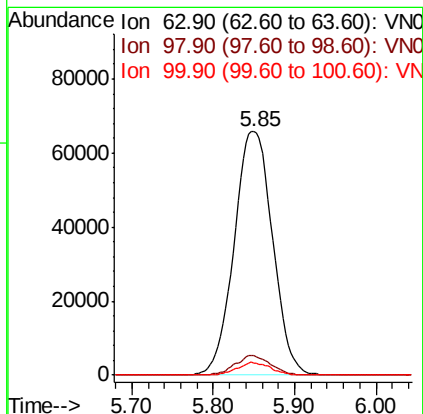
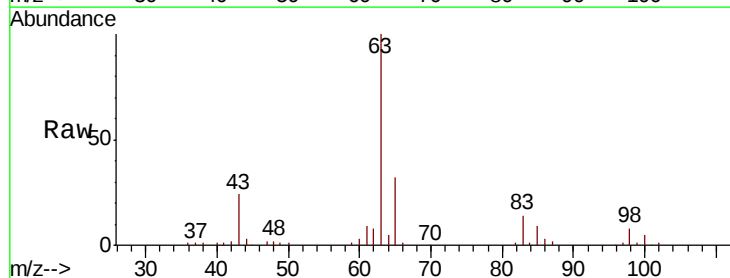
#23
 Vinyl Acetate
 Concen: 91.646 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

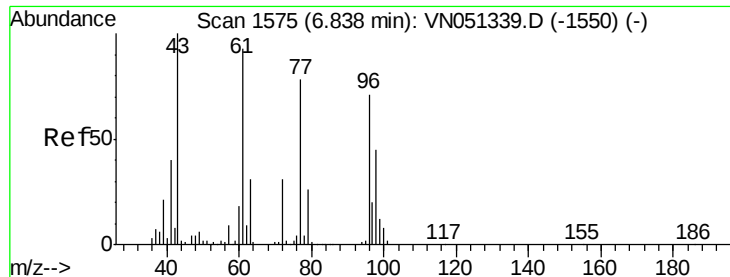
Tot Ion: 43 Resp: 1012498
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 18.428 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tgt Ion: 63 Resp: 214555
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 87.347 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN051367.D

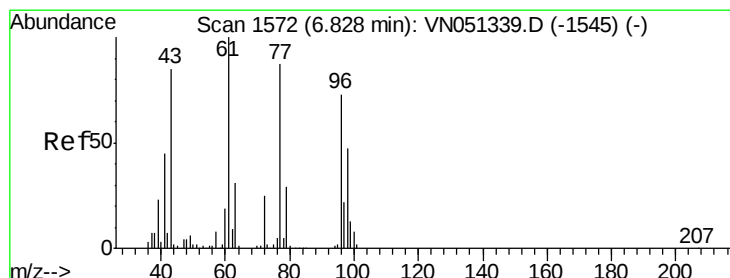
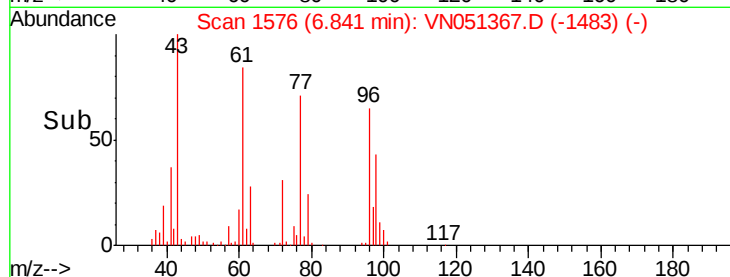
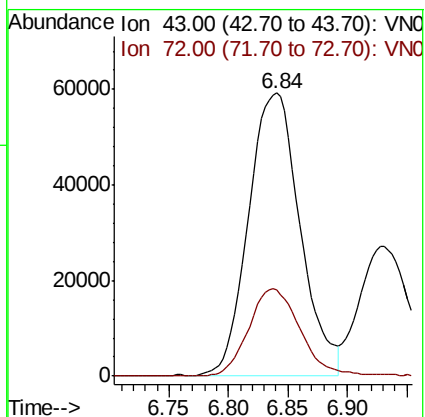
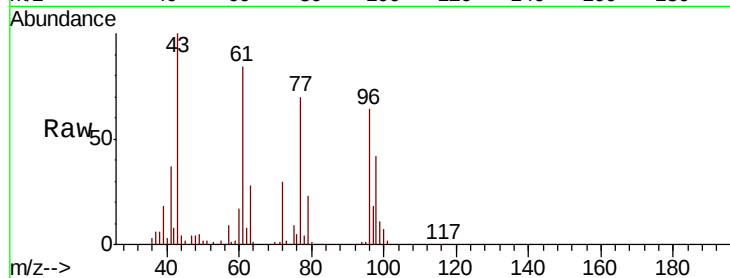
Acq: 21 Sep 2018 14:32

Tot Ion: 43 Resp: 177397

Ion Ratio Lower Upper

43 100

72 30.6 24.7 37.1



#26

2,2-Dichloropropane

Concen: 18.853 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051367.D

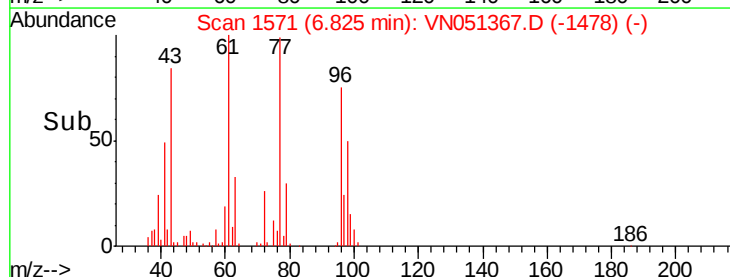
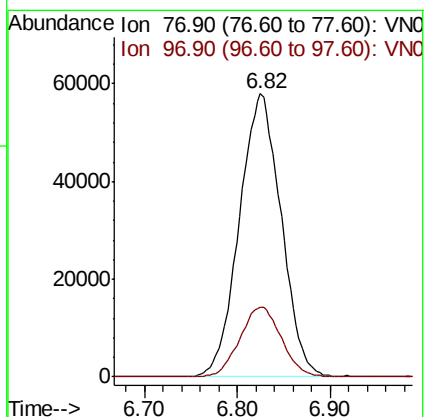
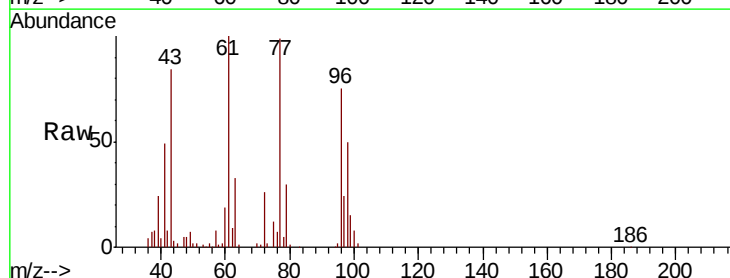
Acq: 21 Sep 2018 14:32

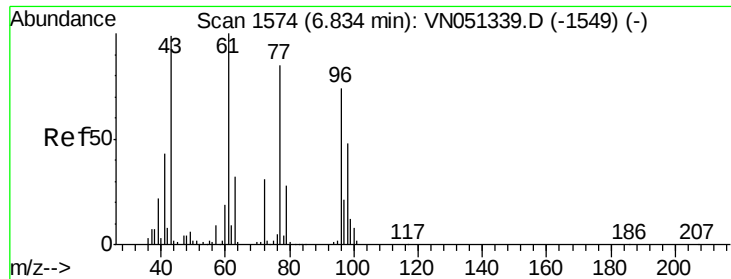
Tgt Ion: 77 Resp: 181376

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 18.417 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

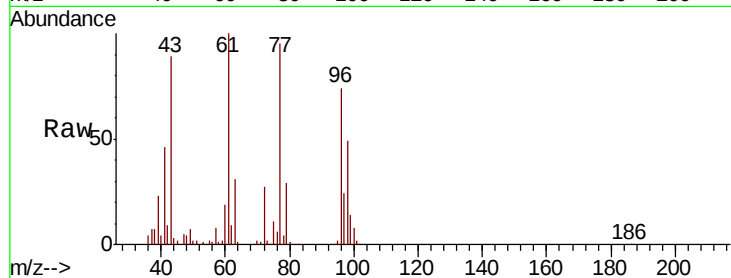
Tot Ion: 96 Resp: 132228

Ion Ratio Lower Upper

96 100

61 136.7 0.0 271.2

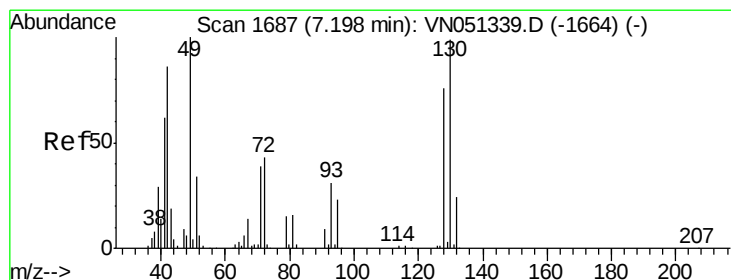
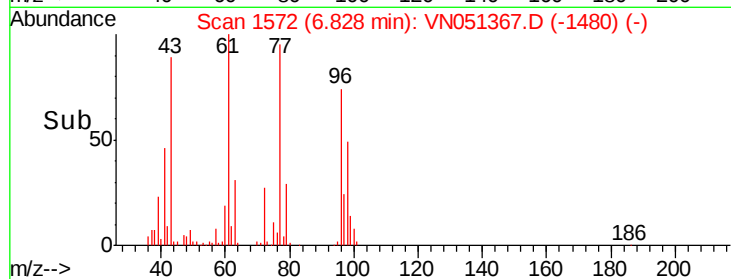
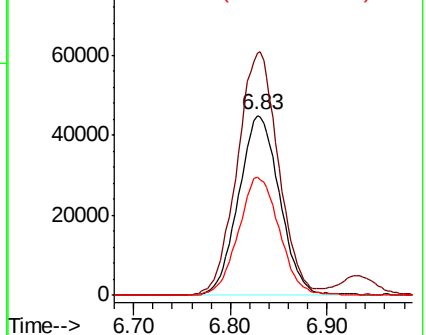
98 65.7 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN051339.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051339.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051339.D (-1549) (-)



#28

Bromochloromethane

Concen: 18.807 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

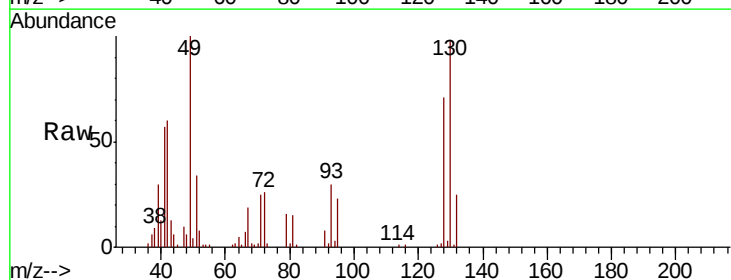
Tgt Ion: 49 Resp: 90754

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

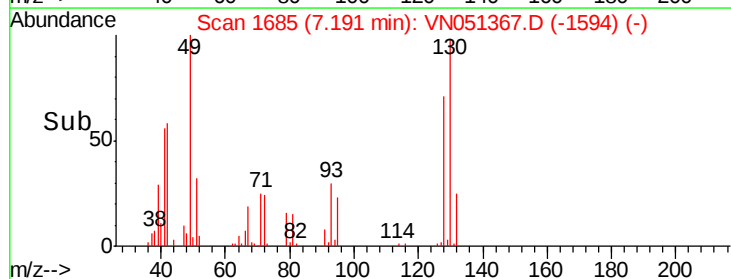
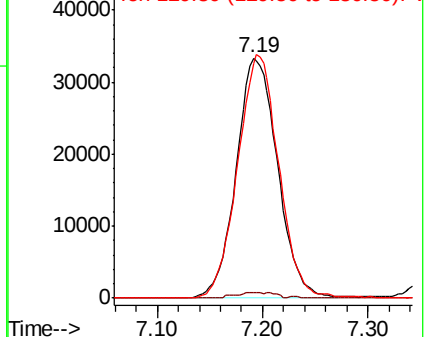
130 100.7 77.4 116.2

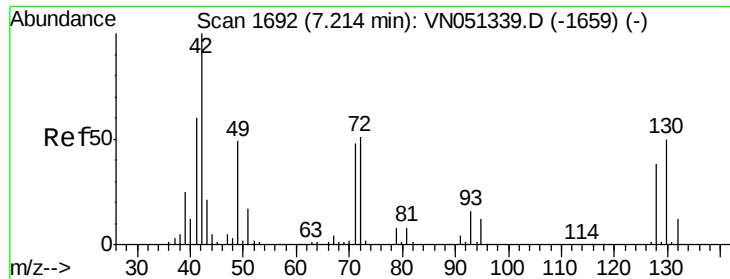


Abundance Ion 48.90 (48.60 to 49.60): VN051339.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN051339.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN051339.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 87.657 ug/l

RT: 7.21 min Scan# 1691

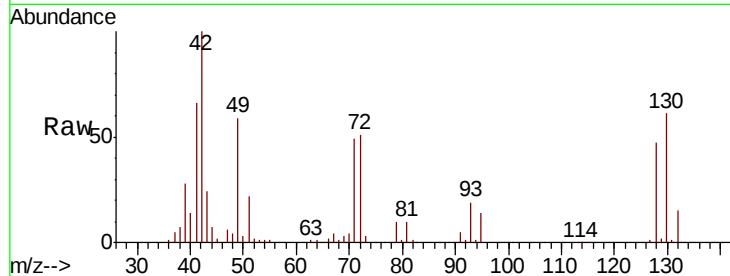
Delta R.T. -0.01 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tot Ion: 42 Resp: 112787

Ion	Ratio	Lower	Upper
42	100		
72	49.2	39.0	58.4
71	46.6	36.5	54.7

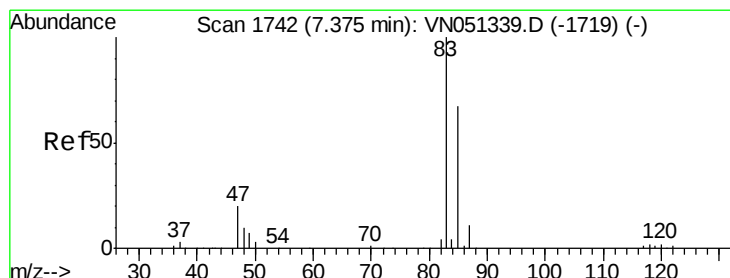
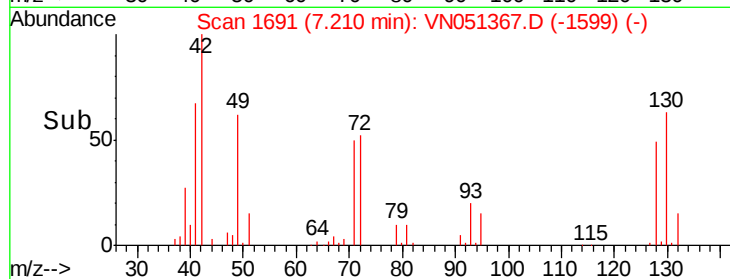
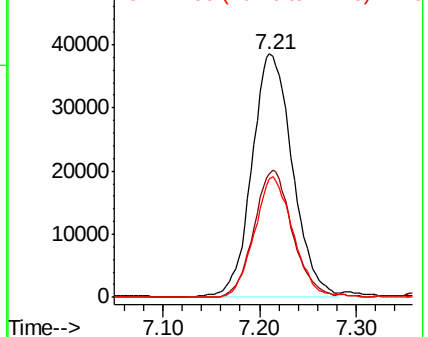


Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.493 ug/l

RT: 7.37 min Scan# 1741

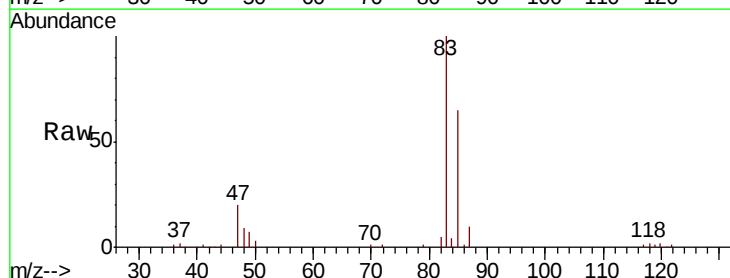
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tgt Ion: 83 Resp: 226278

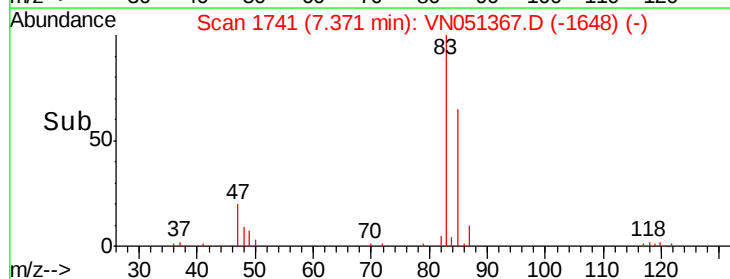
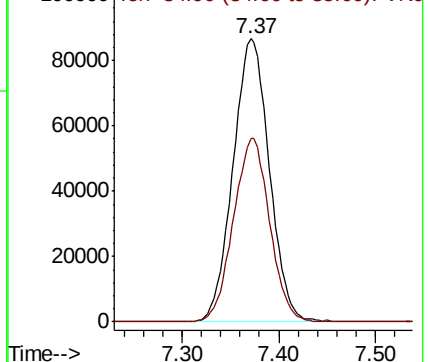
Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.2	79.8

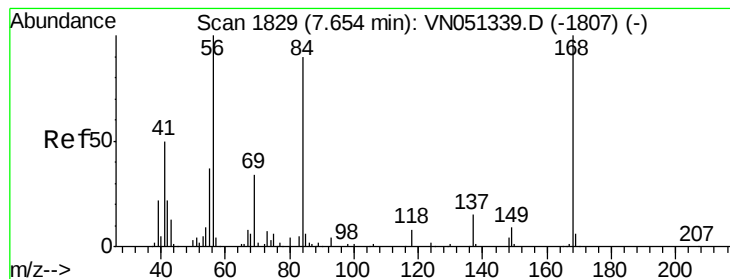


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.282 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

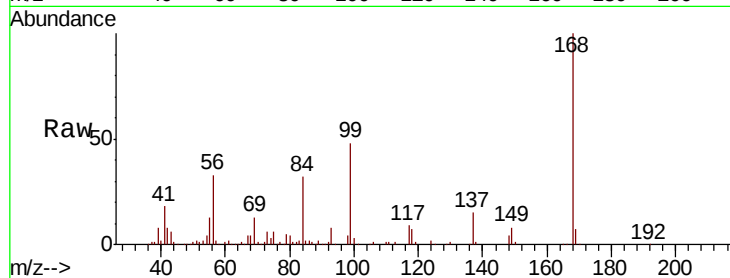
Tot Ion: 56 Resp: 190226

Ion Ratio Lower Upper

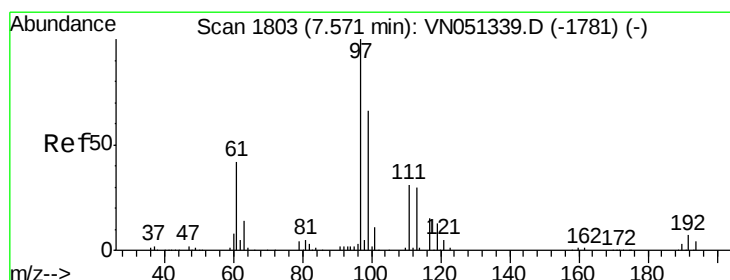
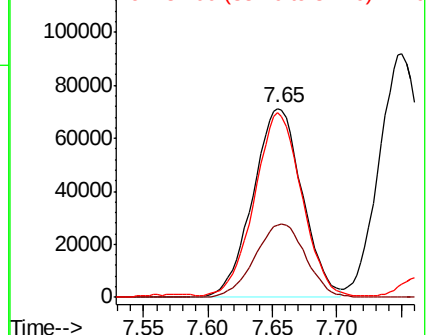
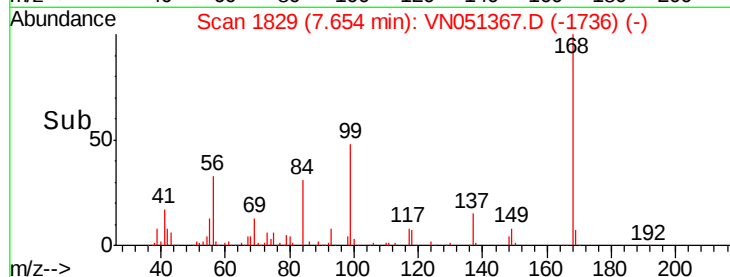
56 100

69 38.5 27.3 40.9

84 96.2 72.2 108.2



Abundance Ion 56.00 (55.70 to 56.70): VN051367.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 18.469 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

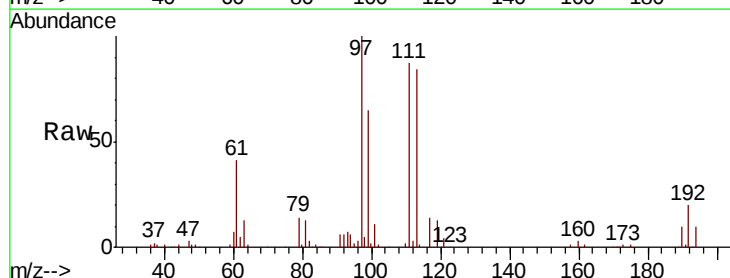
Tgt Ion: 97 Resp: 194703

Ion Ratio Lower Upper

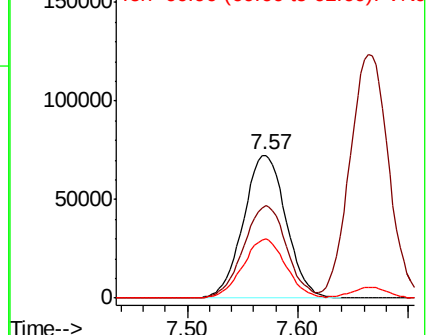
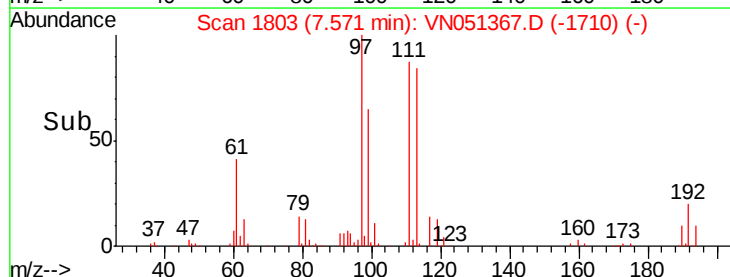
97 100

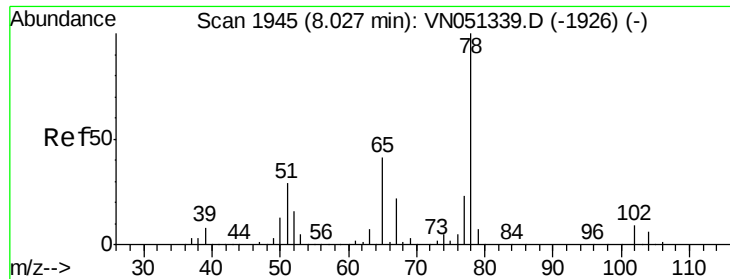
99 65.3 51.1 76.7

61 41.6 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VN051367.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.011 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051367.D

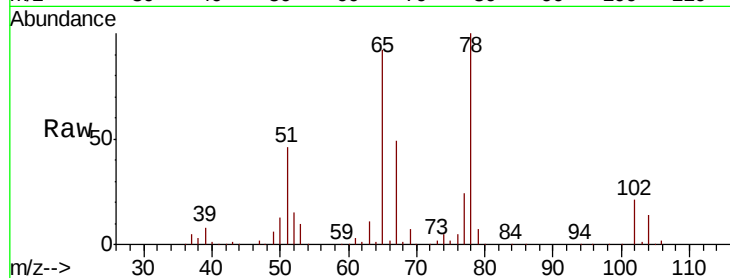
Acq: 21 Sep 2018 14:32

Tot Ion: 65 Resp: 305730

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.8



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

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

8.03

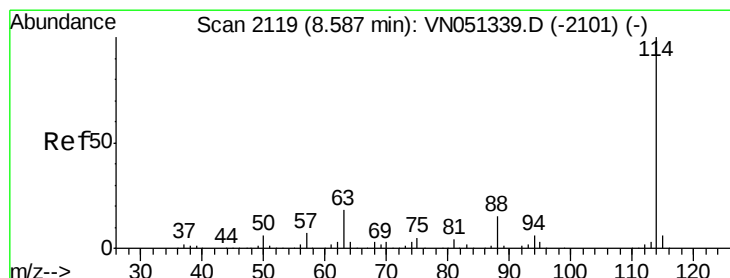
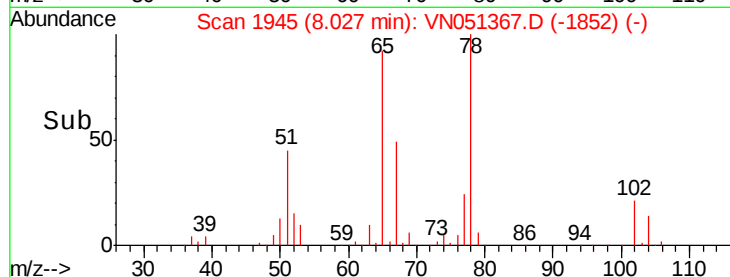
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

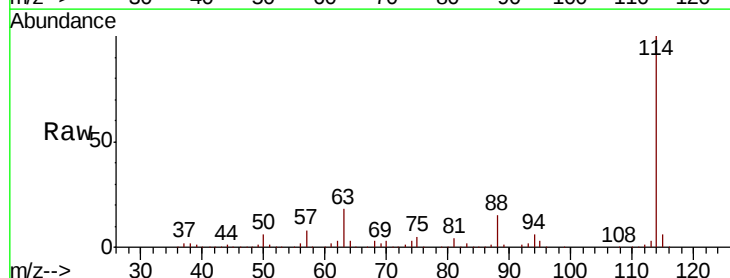
Tgt Ion: 114 Resp: 851005

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 15.4 0.0 29.8



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

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

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

8.59

500000

400000

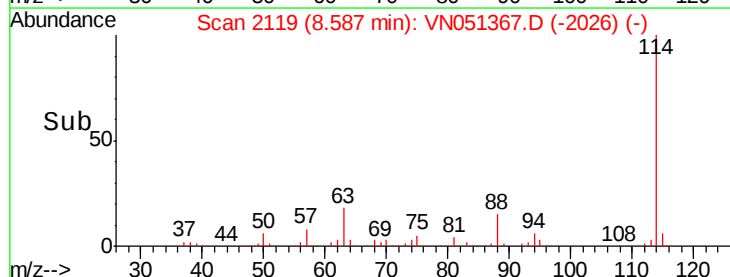
300000

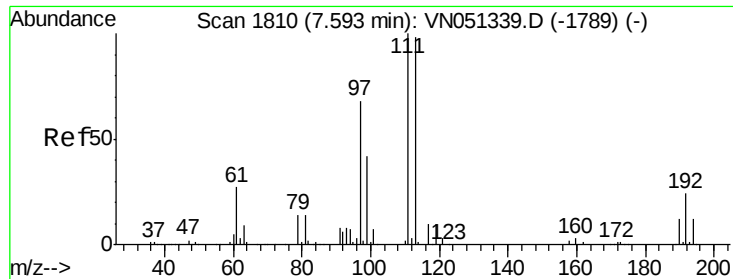
200000

100000

0

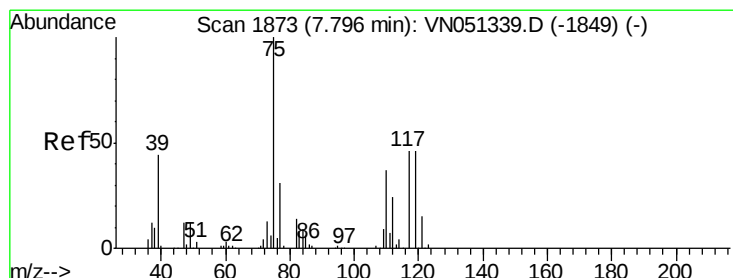
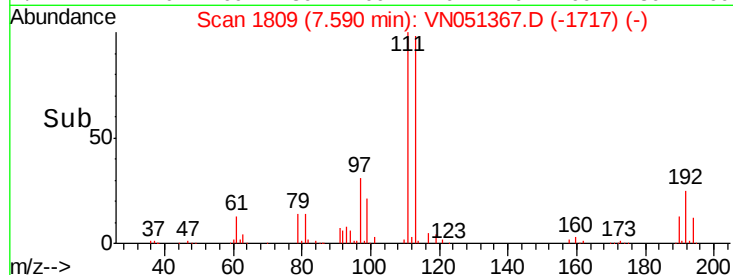
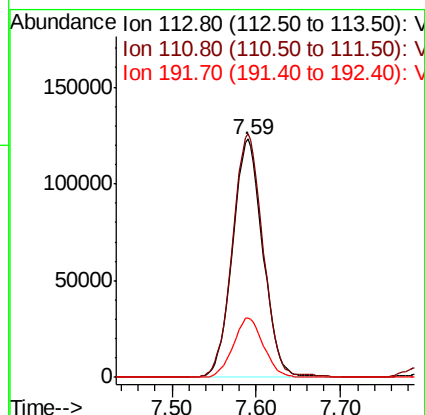
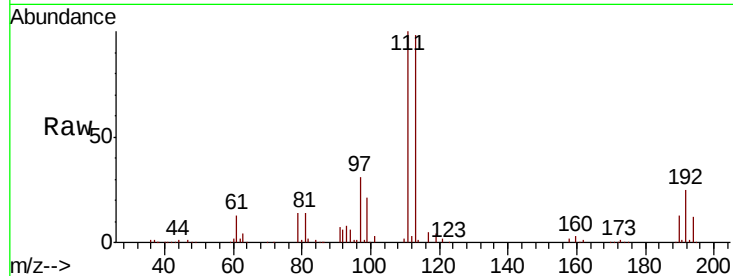
Time-->





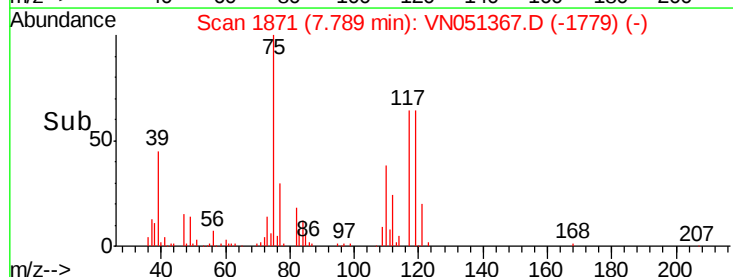
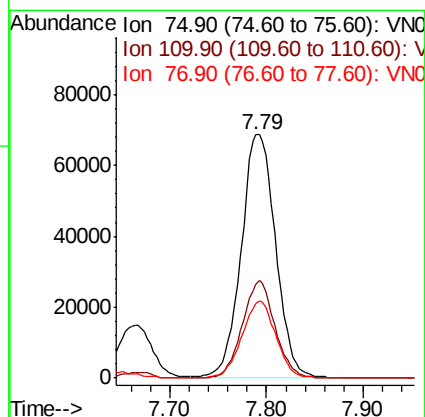
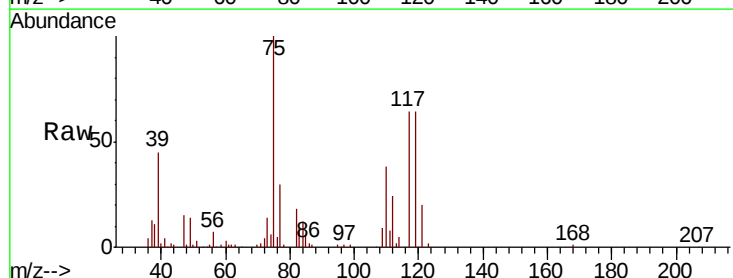
#35
 Dibromofluoromethane
 Concen: 44.829 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

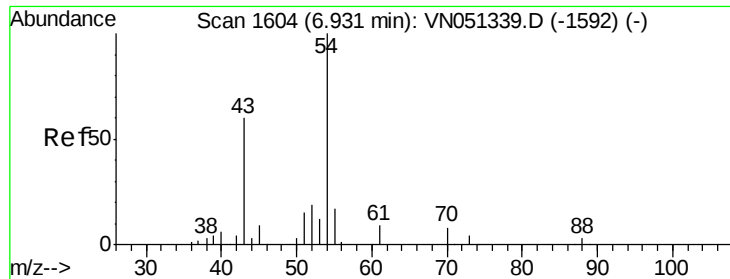
Tot Ion:	113	Resp:	308299
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	24.8	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 19.439 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

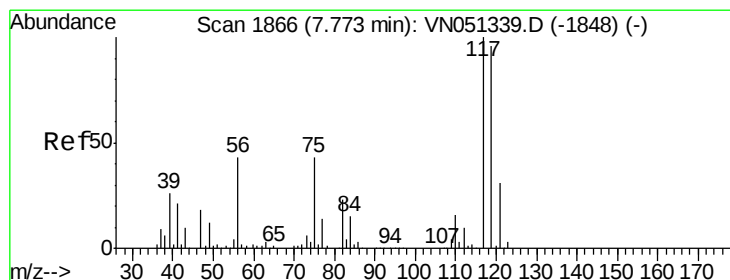
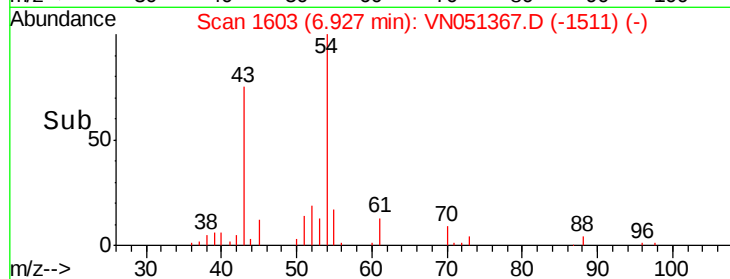
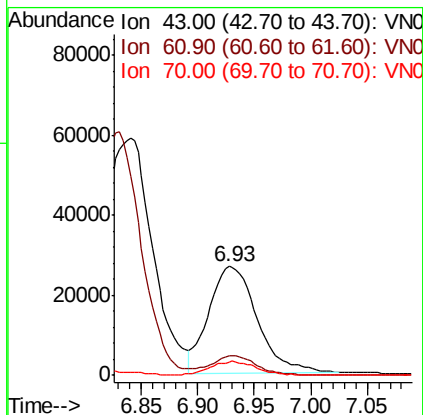
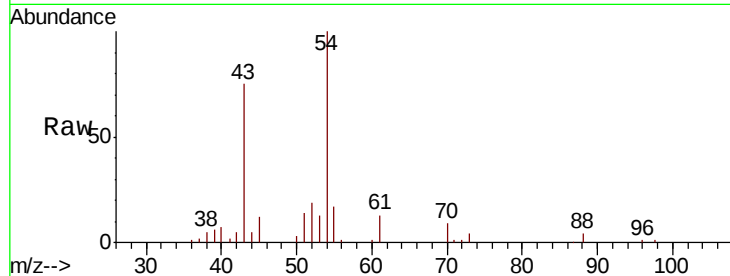
Tgt Ion:	75	Resp:	169209
Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.9	56.5
77	31.3	25.4	38.2





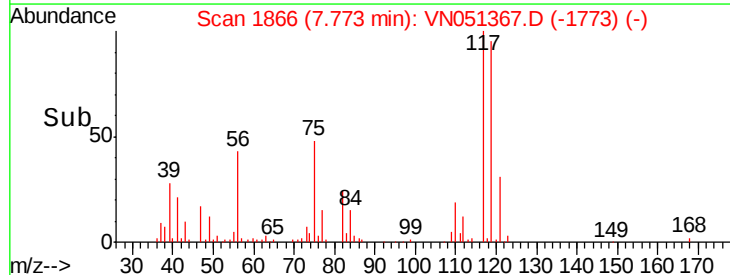
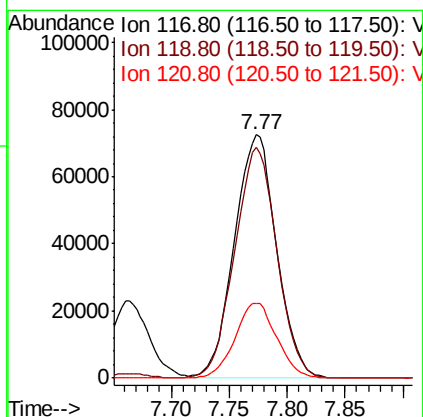
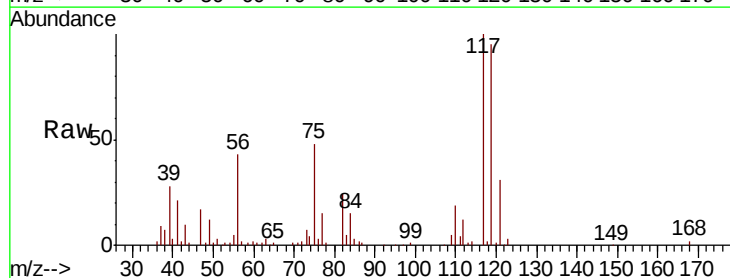
#37
Ethyl Acetate
Concen: 18.402 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

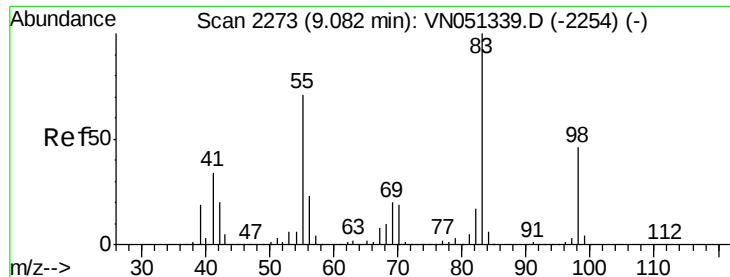
Tot Ion: 43 Resp: 79304
Ion Ratio Lower Upper
43 100
61 16.1 13.6 20.4
70 12.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.388 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

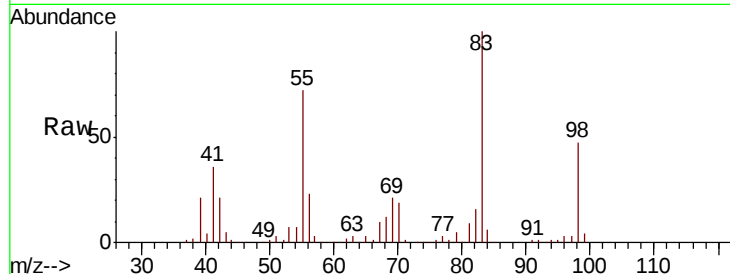
Tgt Ion: 117 Resp: 182573
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
121 31.0 25.0 37.4





#39
Methvlcvclohexane
Concen: 19.731 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion	83.00	Resp	200448
Ion	Ratio	Lower	Upper
83	100		
55	72.1	56.5	84.7
98	47.1	36.7	55.1

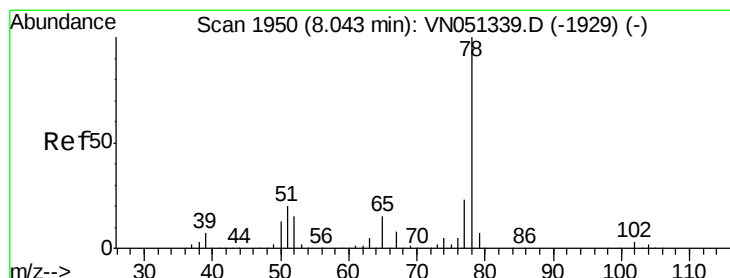
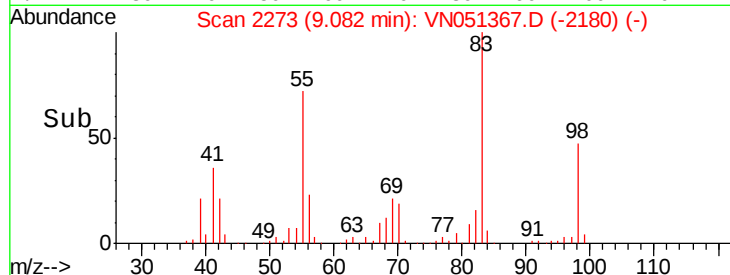
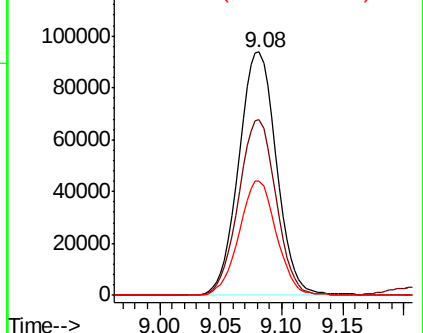


Abundance

Ion 83.00 (82.70 to 83.70): VN0

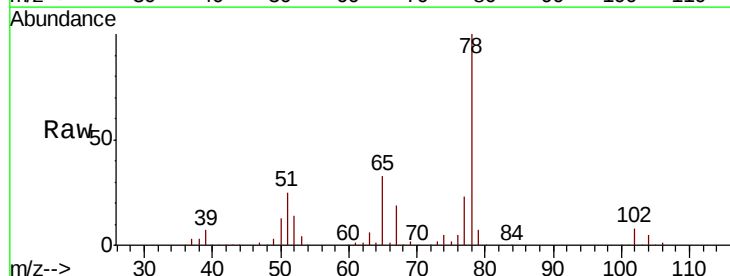
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 19.393 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

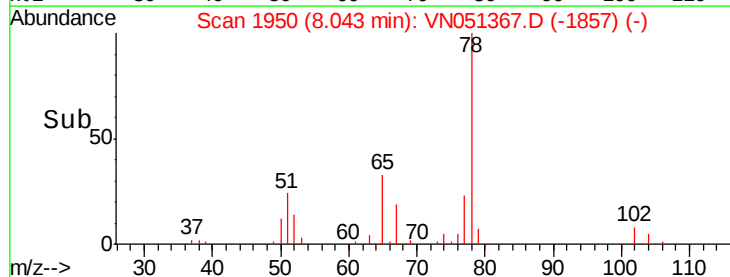
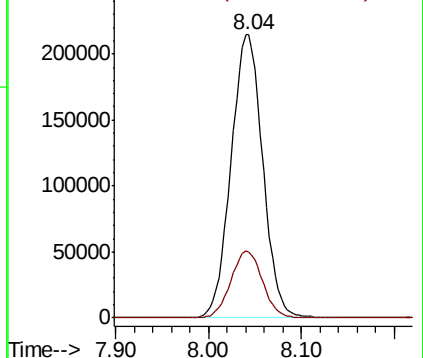
Tgt Ion	78.00	Resp	508643
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7

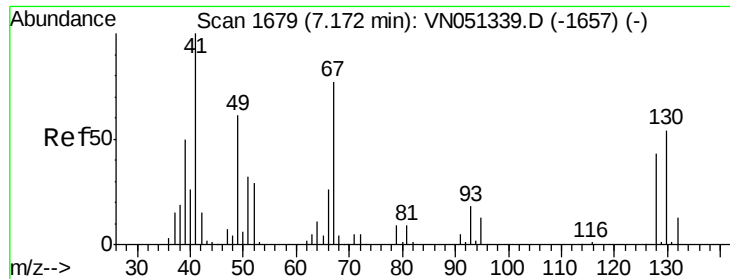


Abundance

Ion 78.00 (77.70 to 78.70): VN0

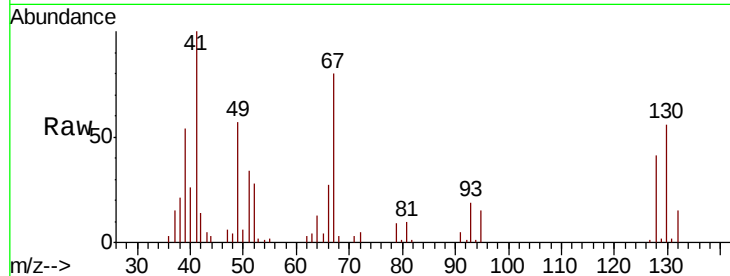
Ion 77.00 (76.70 to 77.70): VN0



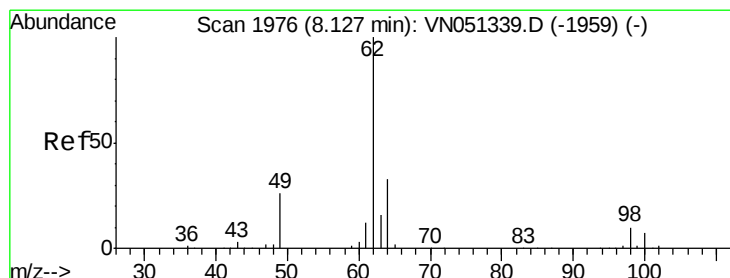
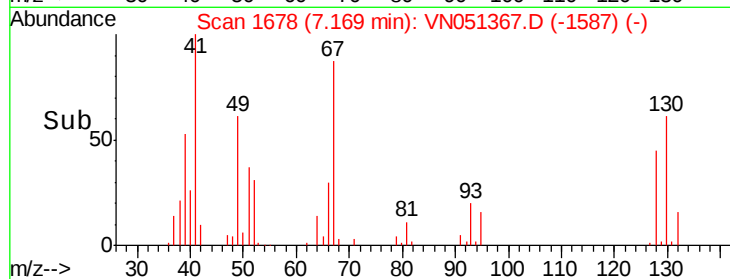
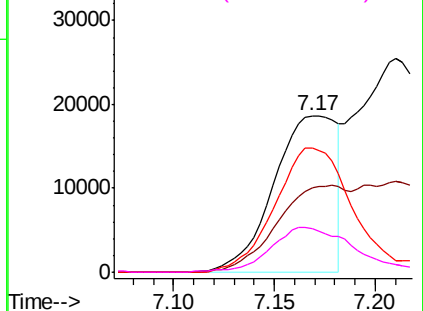


#41
Methacrylonitrile
Concen: 17.978 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion: 41 Resp: 40361
Ion Ratio Lower Upper
41 100
39 62.8 51.3 76.9
67 98.7 77.0 115.4
52 39.6 30.4 45.6

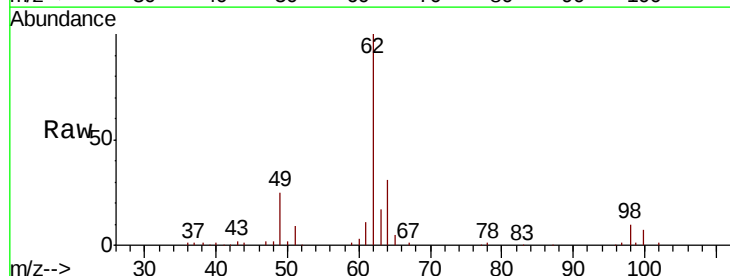


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

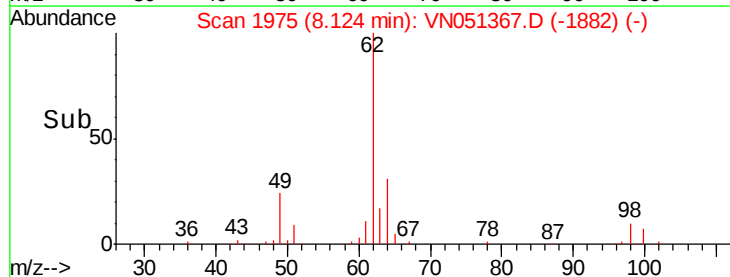
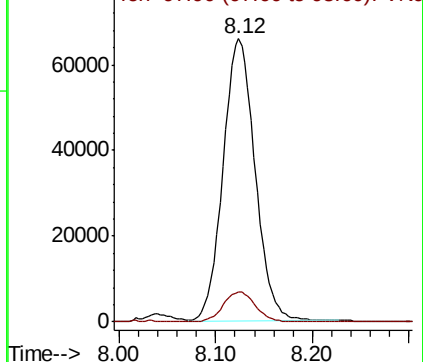


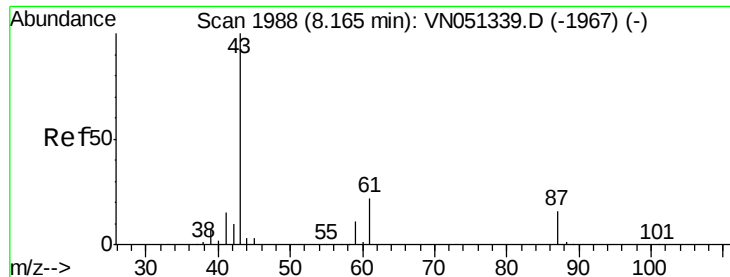
#42
1,2-Dichloroethane
Concen: 19.143 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion: 62 Resp: 151673
Ion Ratio Lower Upper
62 100
98 10.6 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: 19.519 ug/l

RT: 8.16 min Scan# 1987

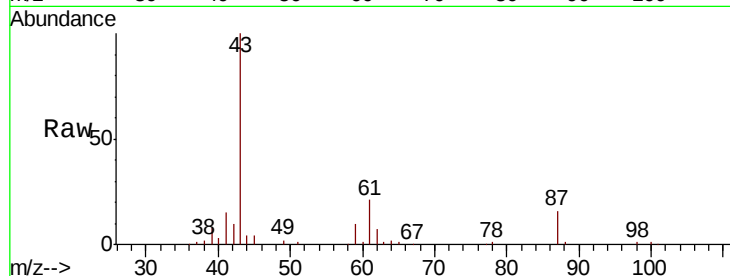
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tot Ion: 43 Resp: 147313

Ion	Ratio	Lower	Upper
43	100		
61	31.7	18.1	27.1#
87	15.8	12.8	19.2

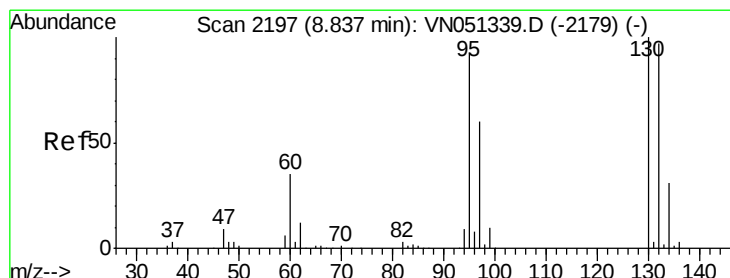
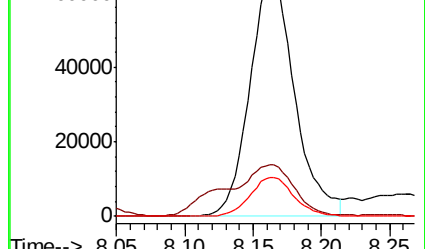
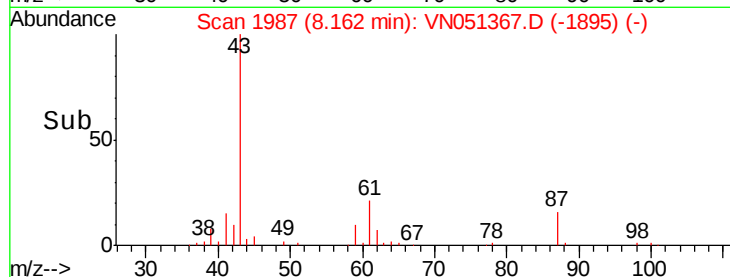


Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

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

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

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 19.500 ug/l

RT: 8.83 min Scan# 2196

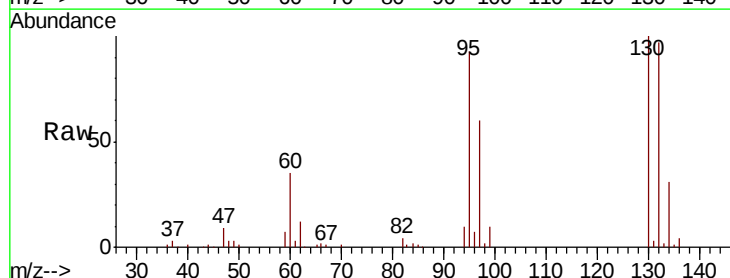
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tgt Ion: 130 Resp: 146821

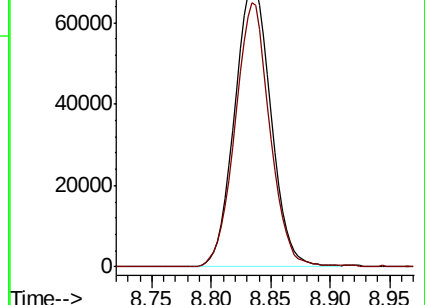
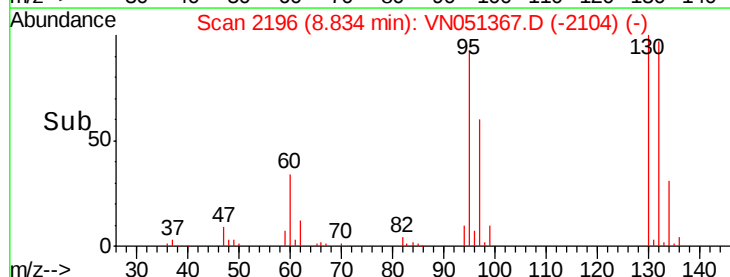
Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	185.6

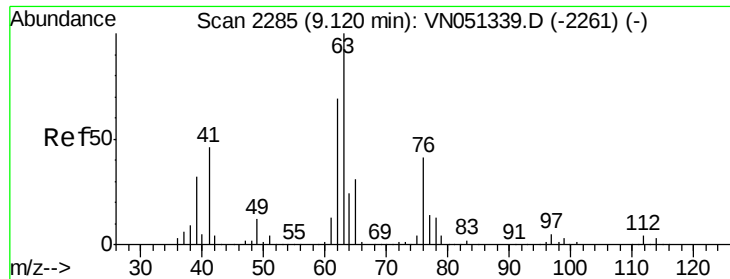


Abundance Ion 129.80 (129.50 to 130.50): VN051339.D (-2179) (-)

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

Time--> 8.75 8.80 8.85 8.90 8.95





#45

1,2-Dichloropropane

Concen: 19.381 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051367.D

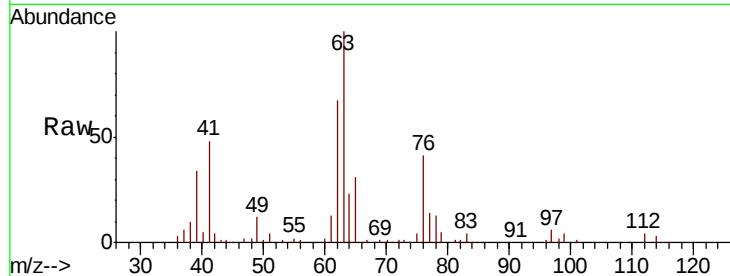
Acq: 21 Sep 2018 14:32

Tot Ion: 63 Resp: 130082

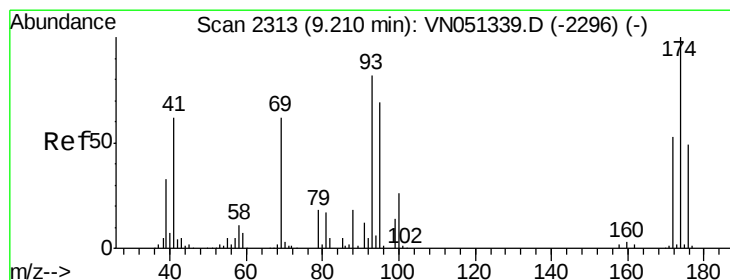
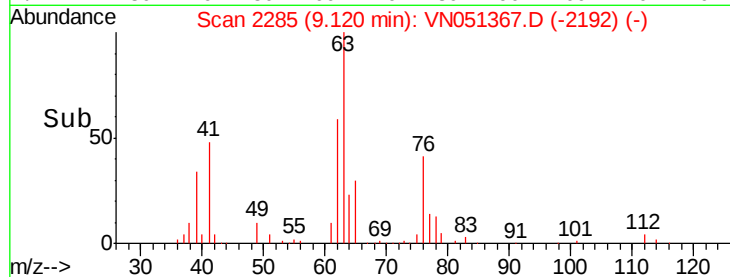
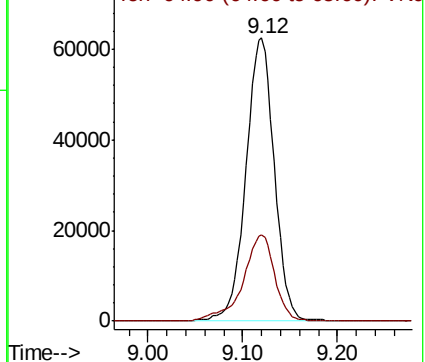
Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.359 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

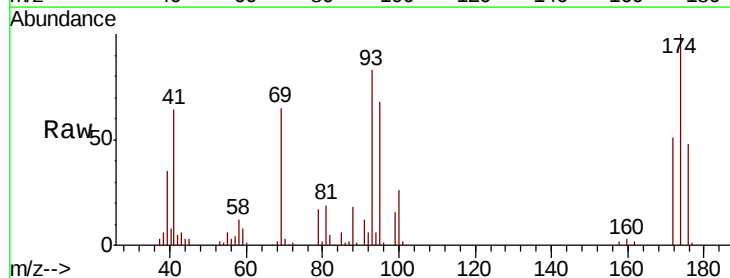
Tgt Ion: 93 Resp: 80098

Ion Ratio Lower Upper

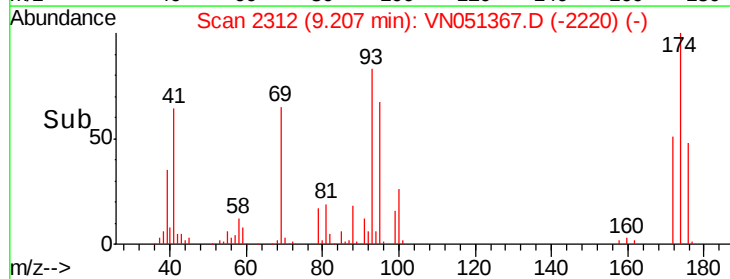
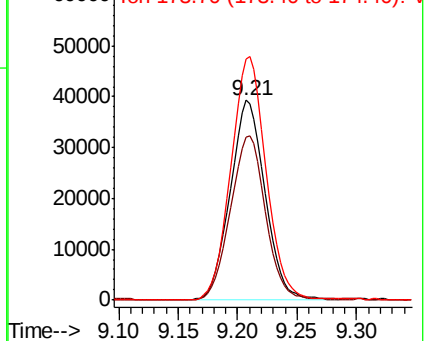
93 100

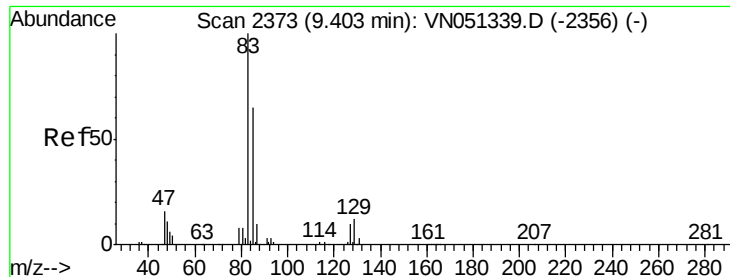
95 82.4 67.6 101.4

174 122.1 98.9 148.3



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.955 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

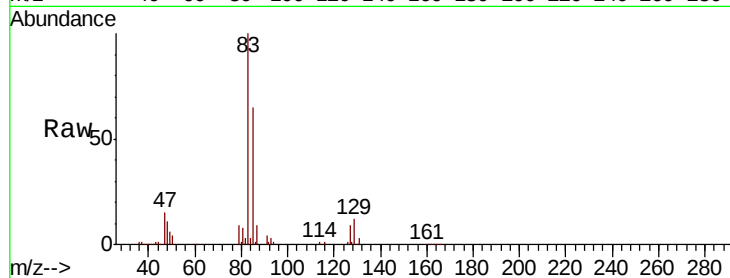
Tot Ion: 83 Resp: 167280

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

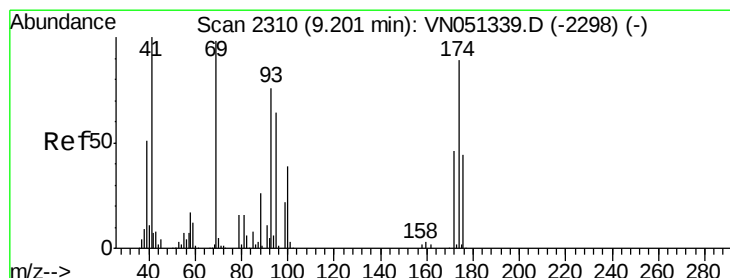
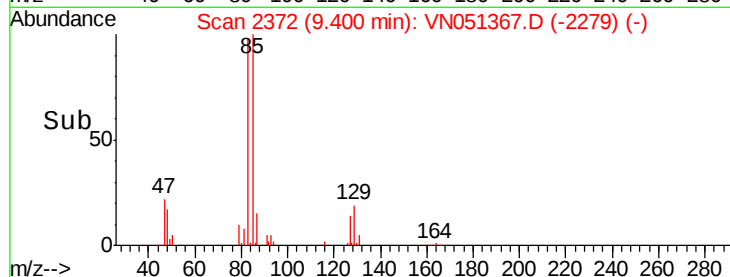
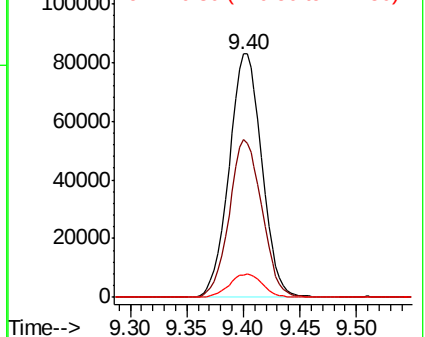
127 9.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.831 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

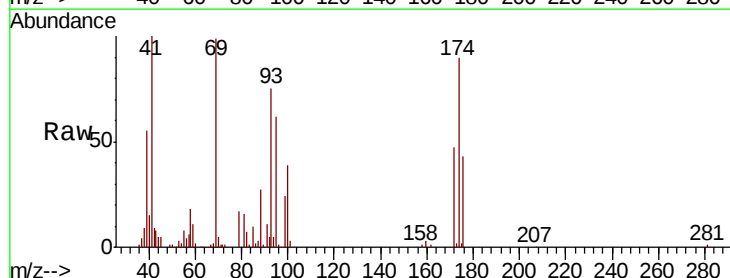
Tgt Ion: 41 Resp: 68607

Ion Ratio Lower Upper

41 100

69 105.7 79.4 119.0

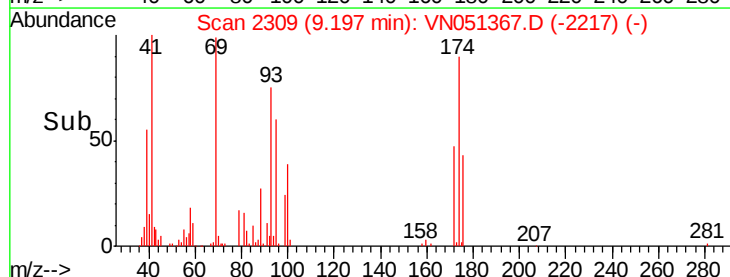
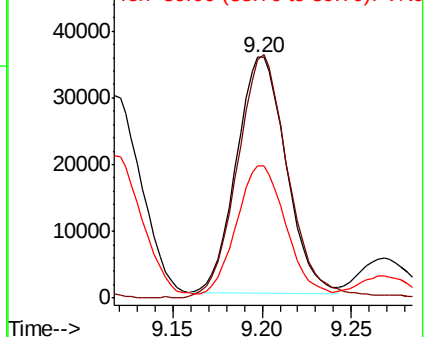
39 56.0 43.0 64.6

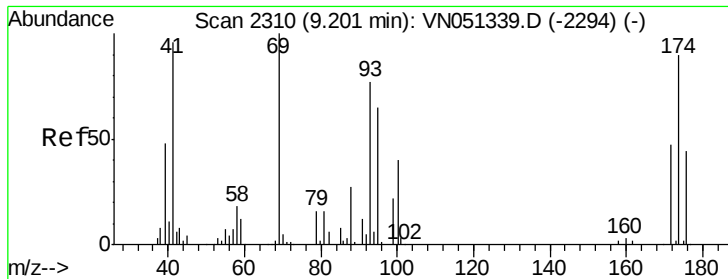


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 375.010 ug/l

RT: 9.20 min Scan# 2310

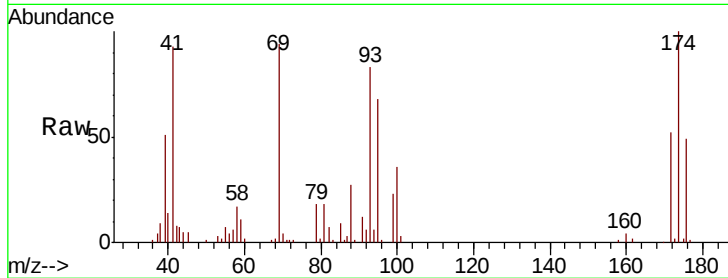
Delta R.T. 0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tot Ion: 88 Resp: 21338

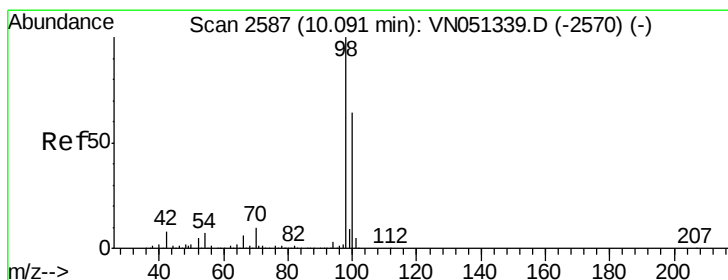
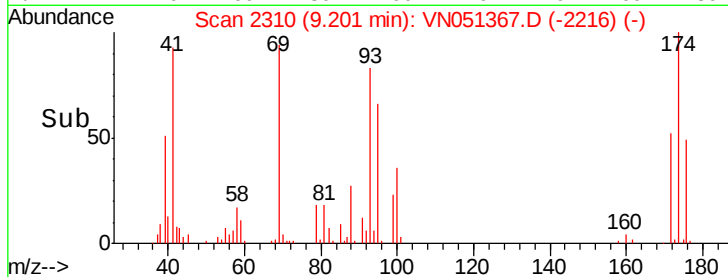
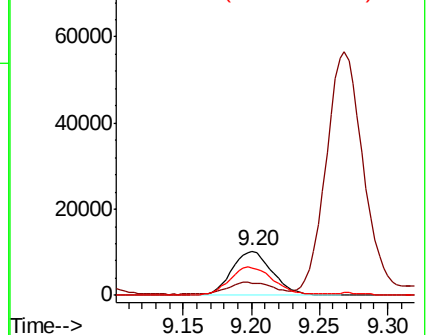
Ion	Ratio	Lower	Upper
88	100		
43	29.5	23.5	35.3
58	69.0	52.1	78.1



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 43.976 ug/l

RT: 10.09 min Scan# 2587

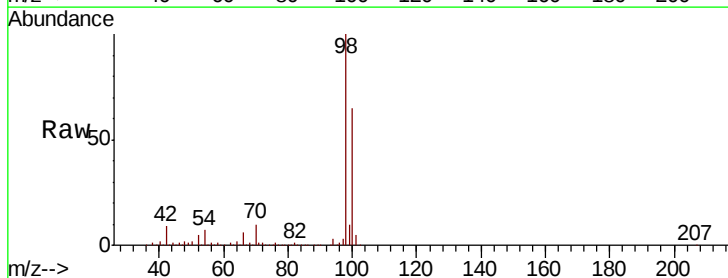
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

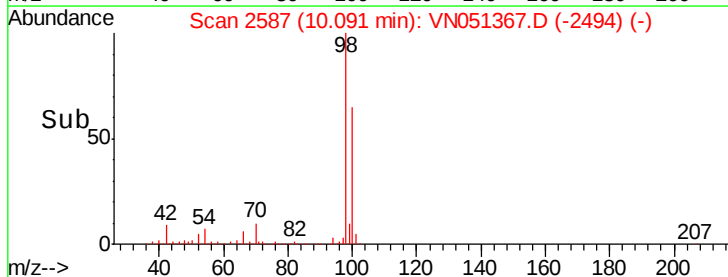
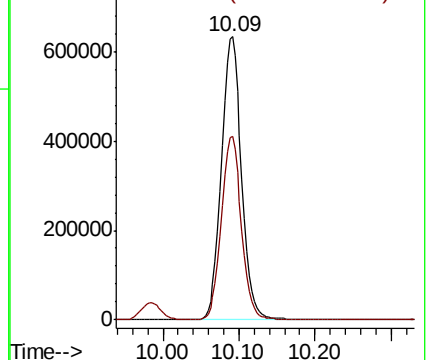
Tgt Ion: 98 Resp: 1162636

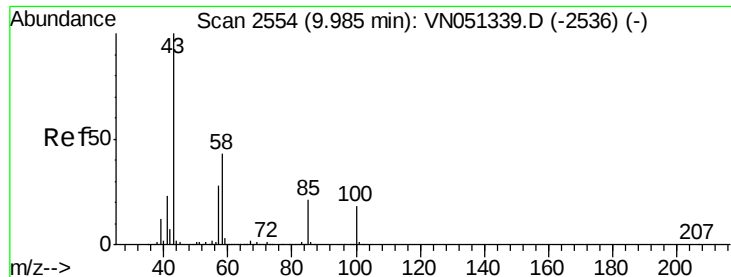
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 96.404 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051367.D

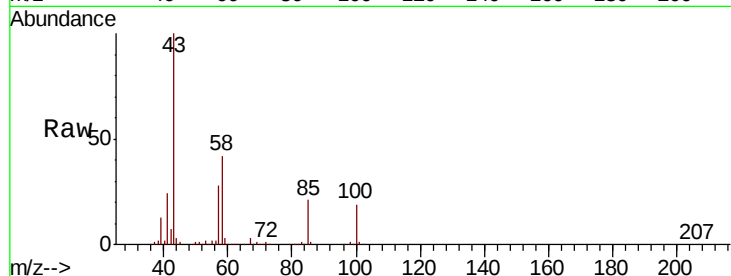
Acq: 21 Sep 2018 14:32

Tot Ion: 43 Resp: 391370

Ion Ratio Lower Upper

43 100

58 42.8 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

200000

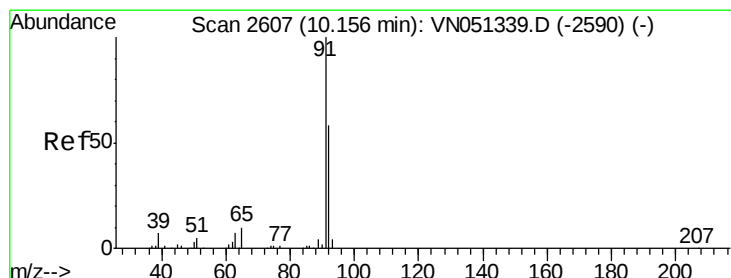
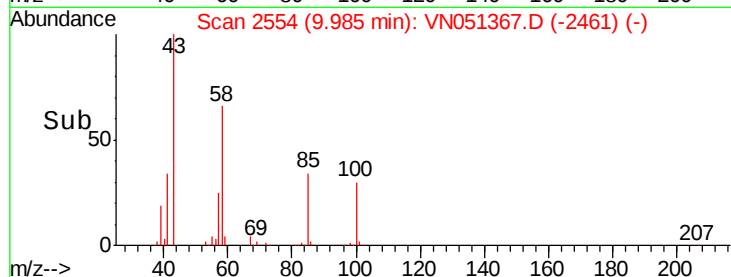
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.290 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051367.D

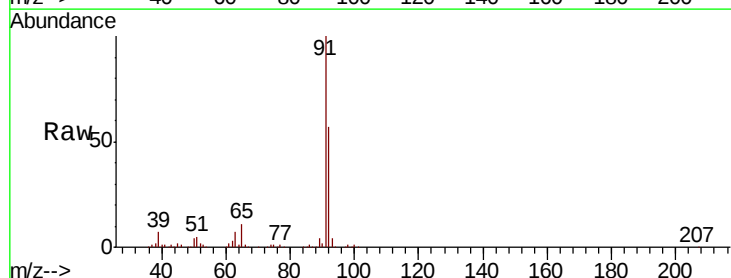
Acq: 21 Sep 2018 14:32

Tgt Ion: 92 Resp: 327698

Ion Ratio Lower Upper

92 100

91 173.2 139.7 209.5



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

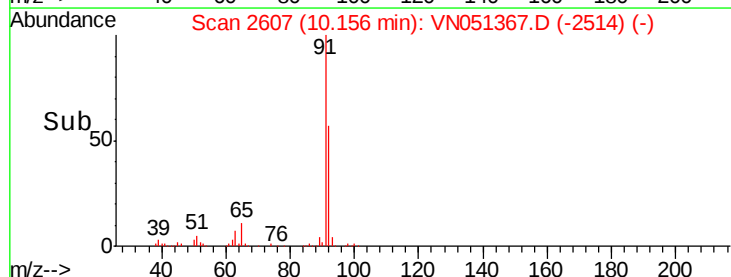
300000

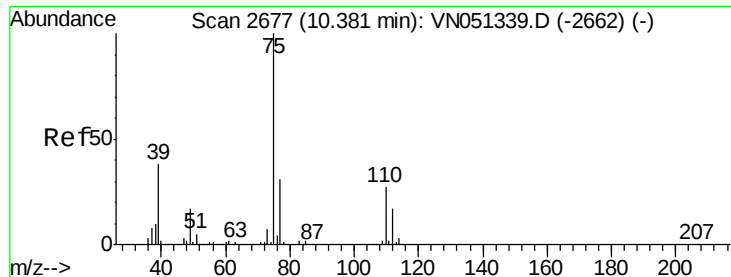
200000

100000

0

Time-->

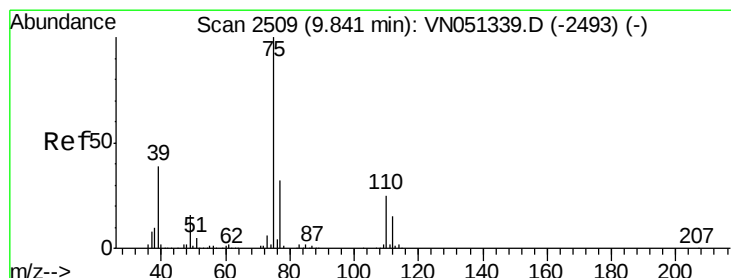
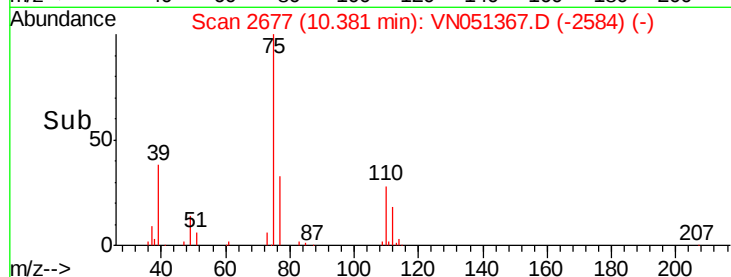
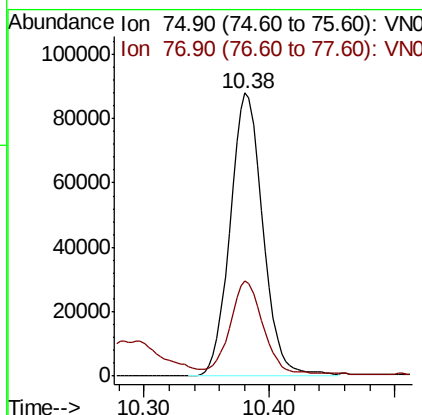
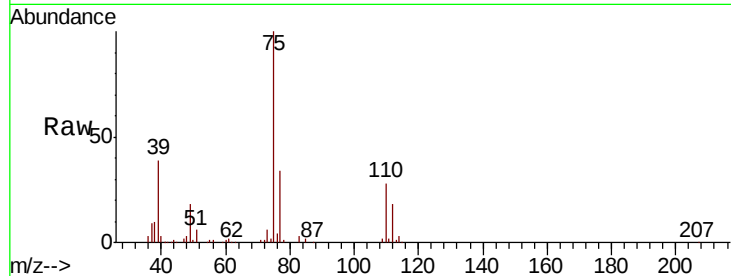




#53
t-1,3-Dichloropropene
Concen: 18.890 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion: 75 Resp: 160063

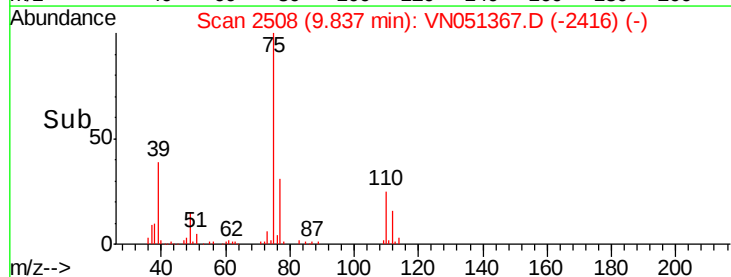
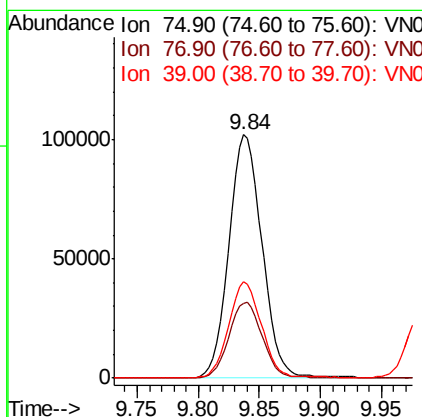
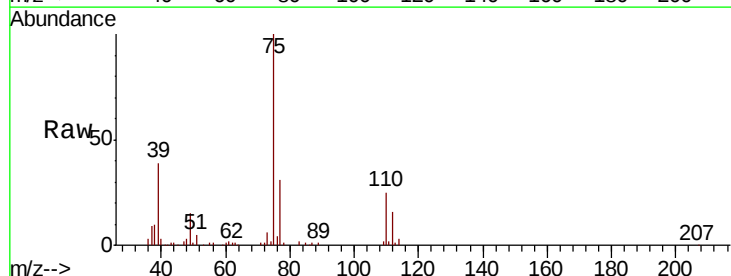
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3

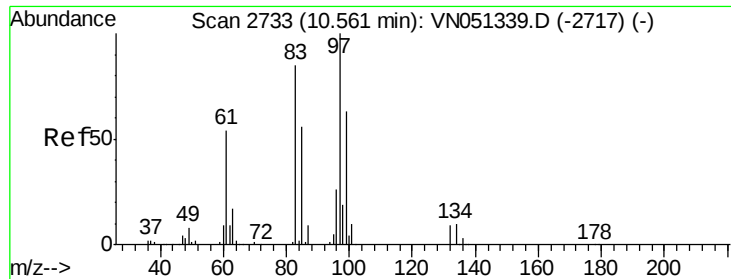


#54
cis-1,3-Dichloropropene
Concen: 19.667 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion: 75 Resp: 192952

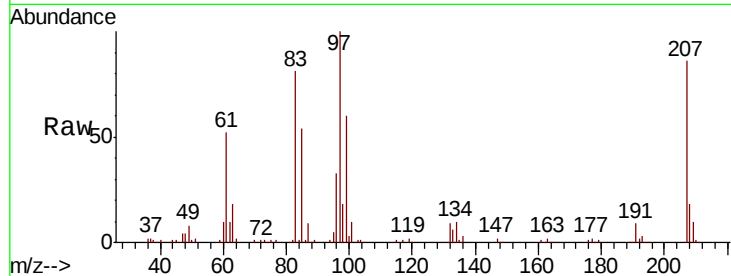
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.2	37.8
39	39.4	31.0	46.4





#55
 1,1,2-Trichloroethane
 Concen: 19.510 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tot Ion:	97	Resp:	118186
Ion	Ratio	Lower	Upper
97	100		
83	80.6	68.1	102.1
85	54.2	44.6	66.8
99	60.1	50.2	75.4



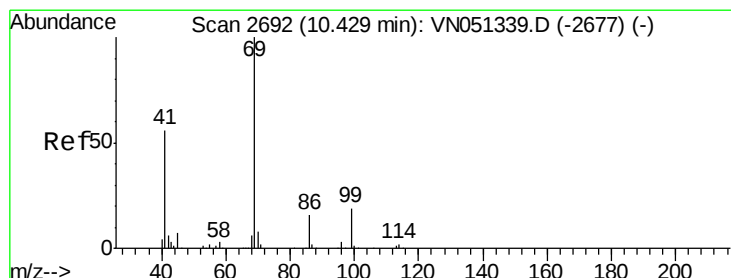
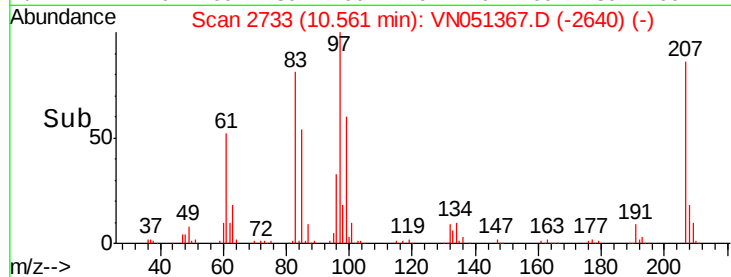
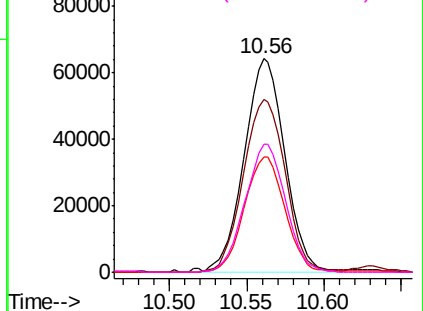
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

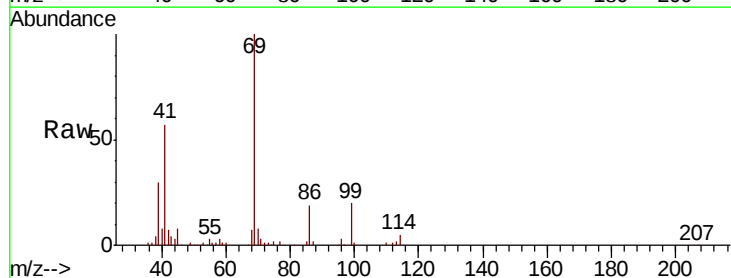
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 17.591 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tgt Ion:	69	Resp:	121124
Ion	Ratio	Lower	Upper
69	100		
41	58.7	45.1	67.7
39	31.1	23.4	35.2

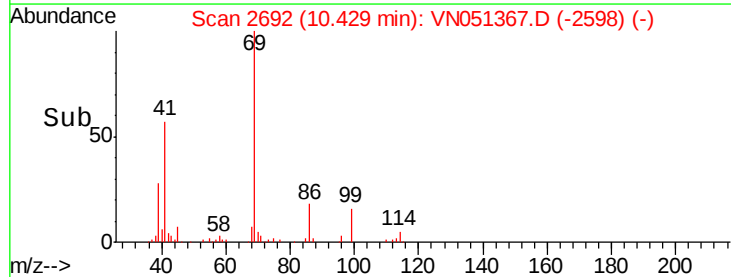
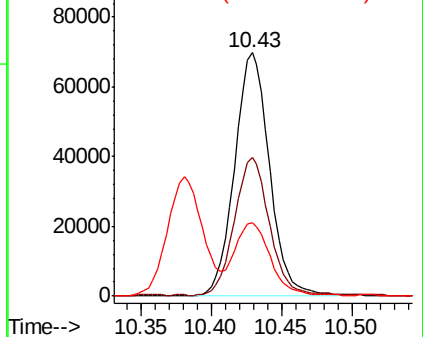


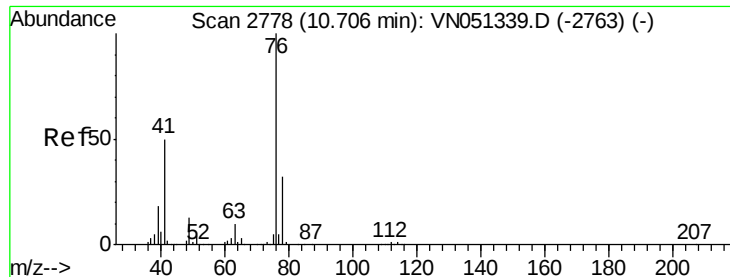
Abundance

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: 19.367 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051367.D

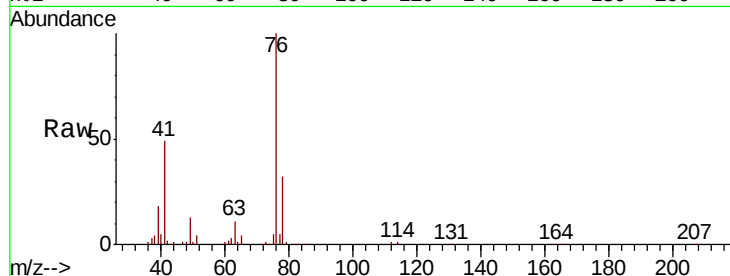
Acq: 21 Sep 2018 14:32

Tot Ion: 76 Resp: 184807

Ion Ratio Lower Upper

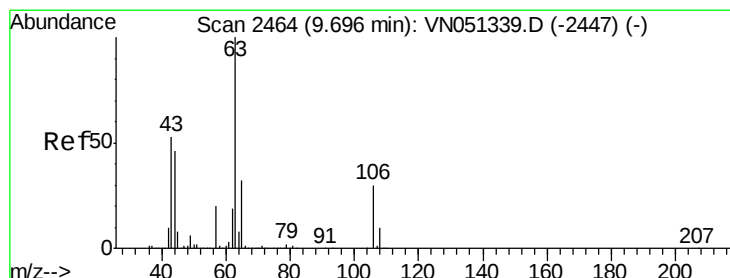
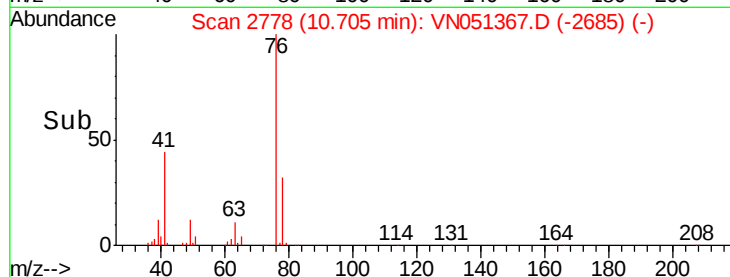
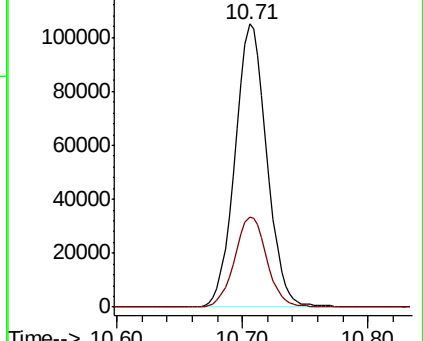
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 90.823 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051367.D

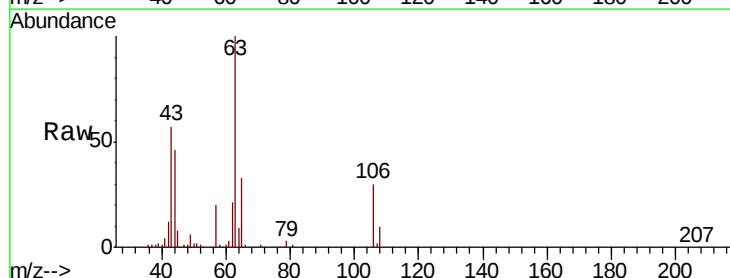
Acq: 21 Sep 2018 14:32

Tgt Ion: 63 Resp: 311433

Ion Ratio Lower Upper

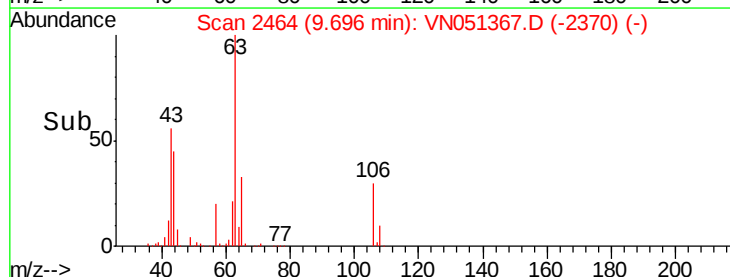
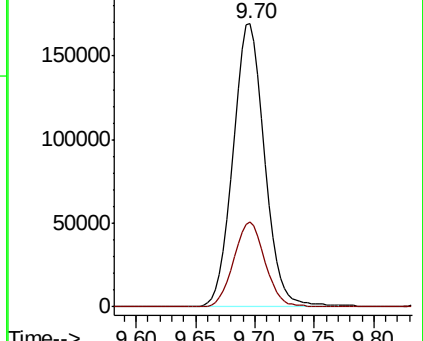
63 100

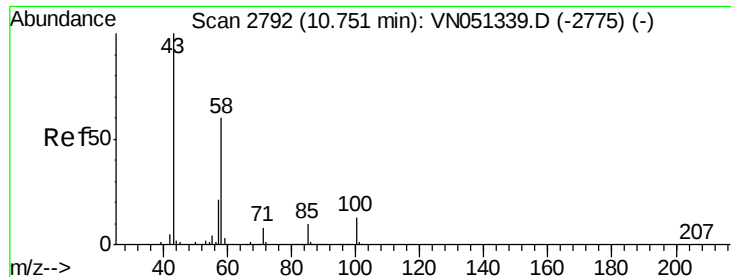
106 29.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

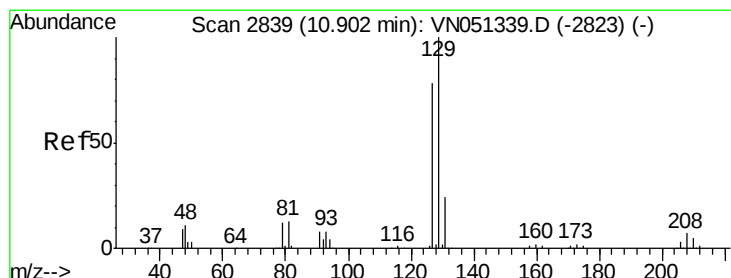
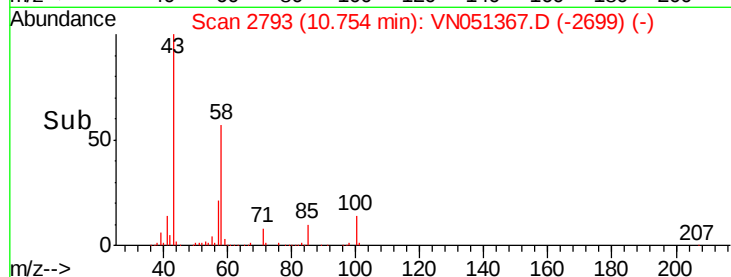
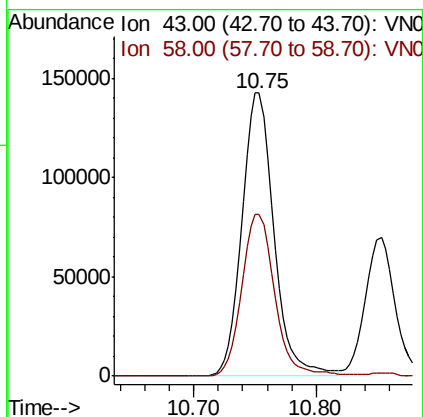
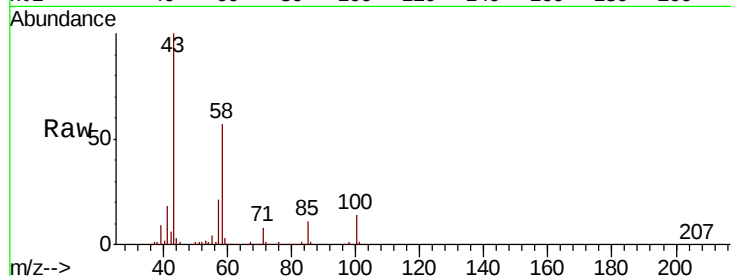
Ion 105.90 (105.60 to 106.60): V





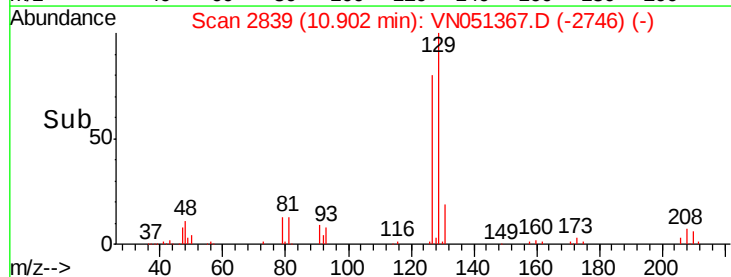
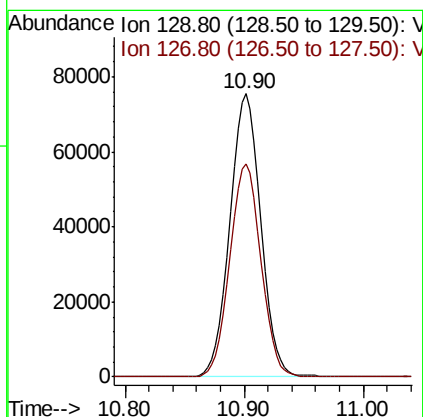
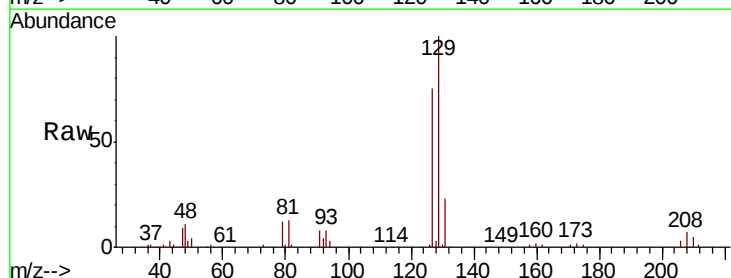
#59
2-Hexanone
Concen: 94.223 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

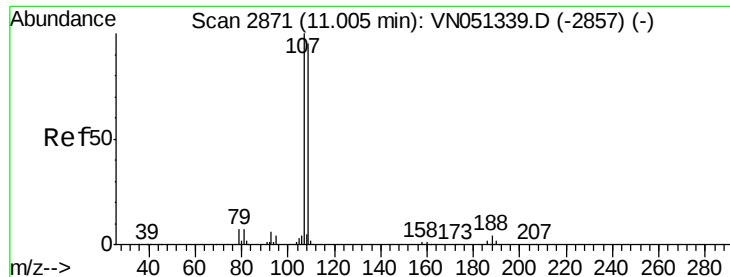
Tot Ion: 43 Resp: 257885
Ion Ratio Lower Upper
43 100
58 58.8 29.9 89.8



#60
Dibromochloromethane
Concen: 19.253 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

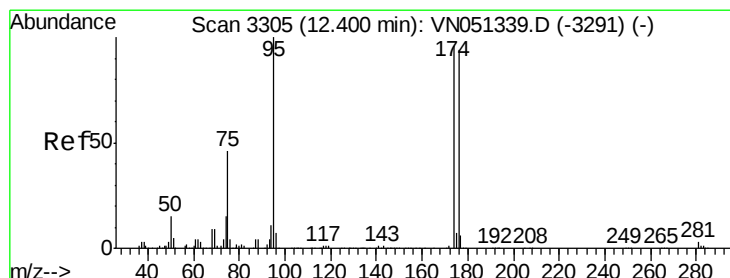
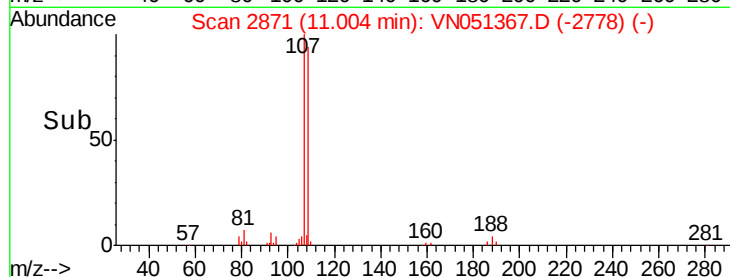
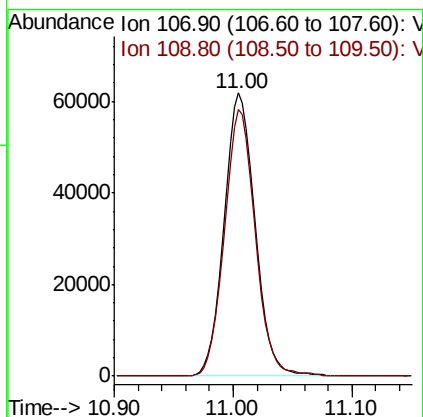
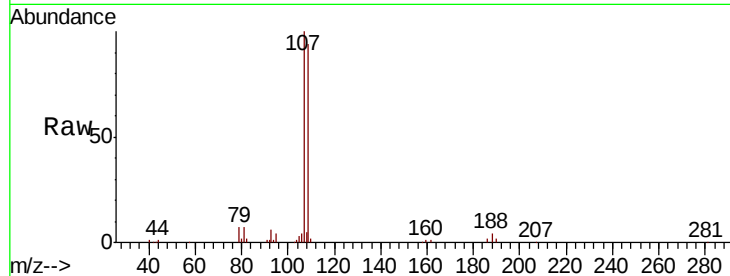
Tgt Ion: 129 Resp: 136010
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8





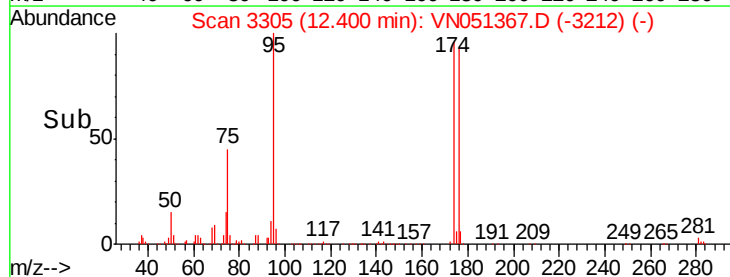
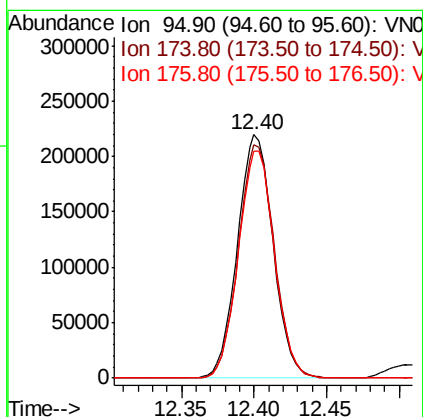
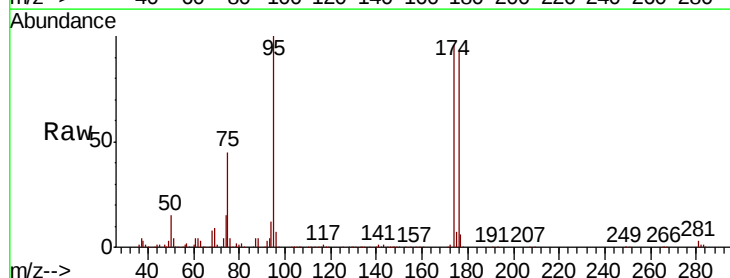
#61
 1,2-Dibromoethane
 Concen: 19.109 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

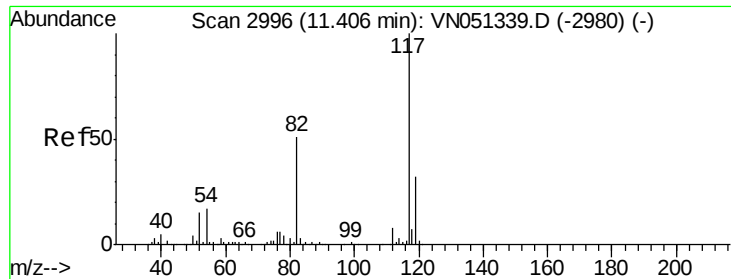
Tot Ion:107 Resp: 111292
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 43.623 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

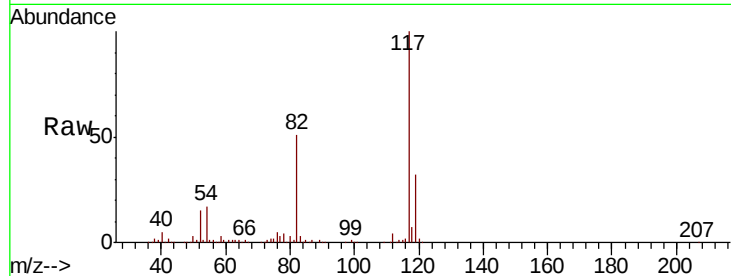
Tgt Ion: 95 Resp: 375208
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 194.6
 176 94.5 0.0 189.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.7	61.1
119	32.4	25.3	37.9

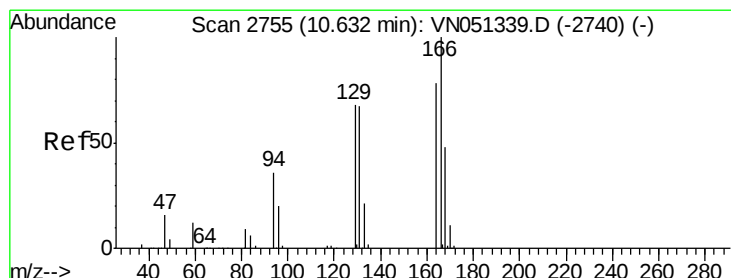
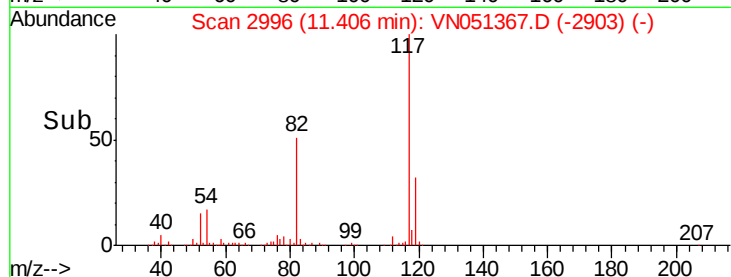
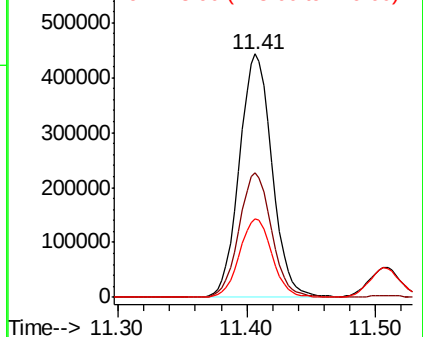


Abundance

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: 20.044 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.1	153.1
129	90.9	69.4	104.2
131	86.2	68.8	103.2

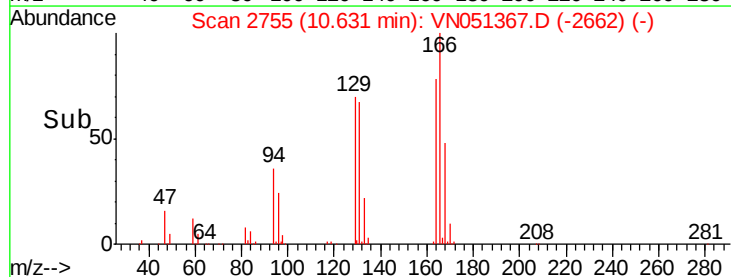
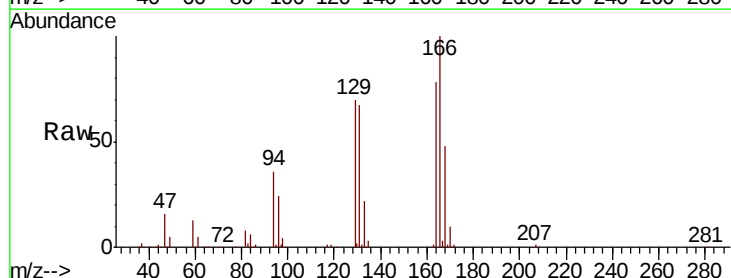
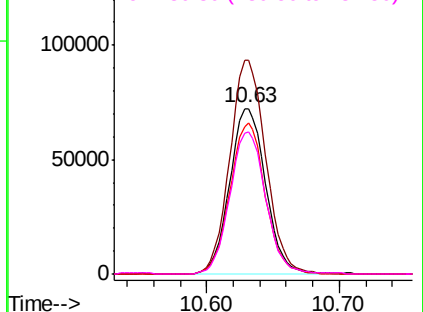
Abundance

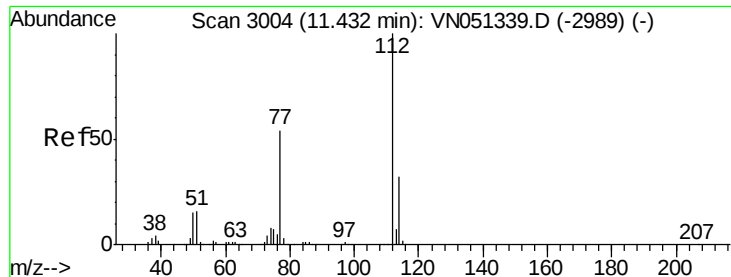
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

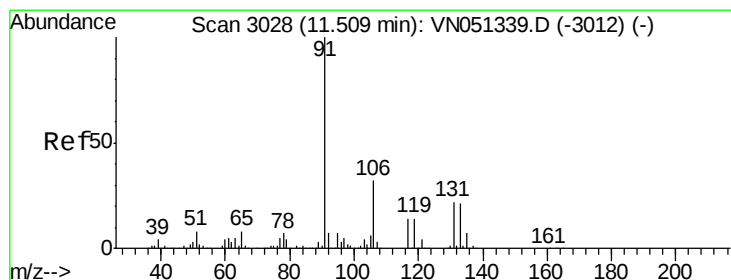
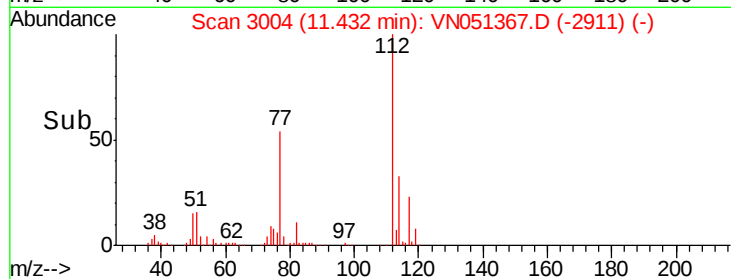
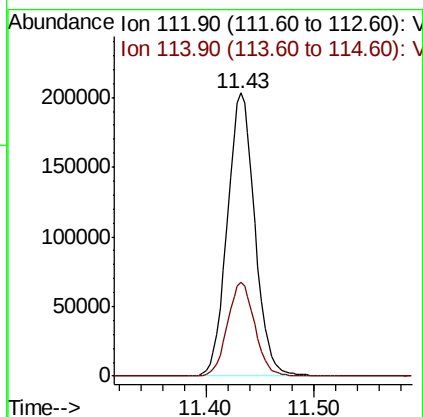
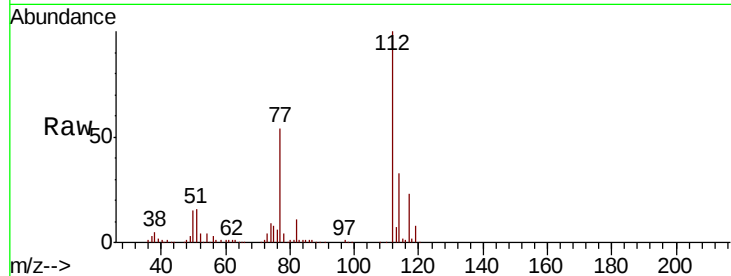
Ion 130.80 (130.50 to 131.50): V





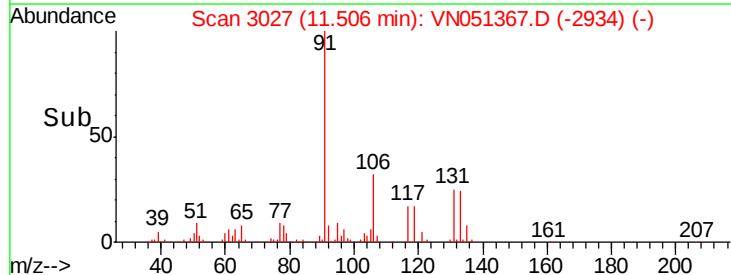
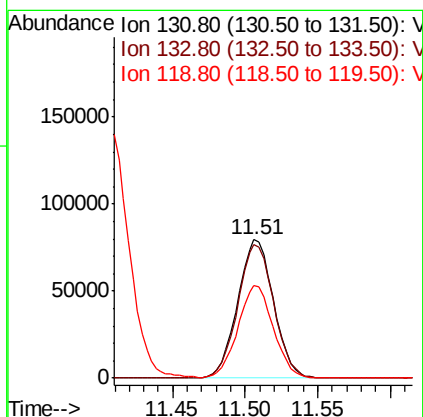
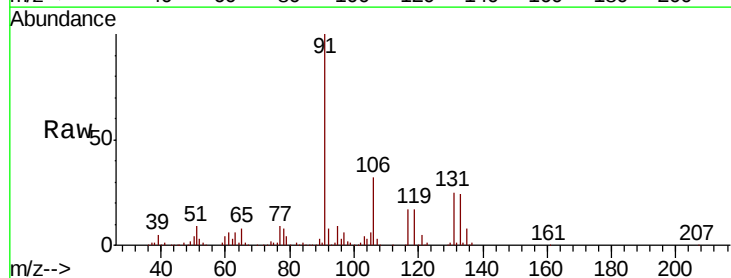
#65
Chlorobenzene
Concen: 19.350 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

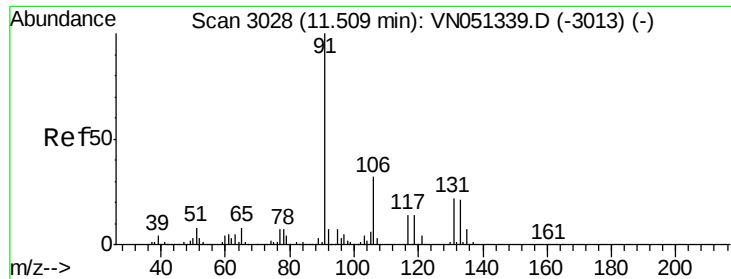
Tot Ion:112 Resp: 361107
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.274 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

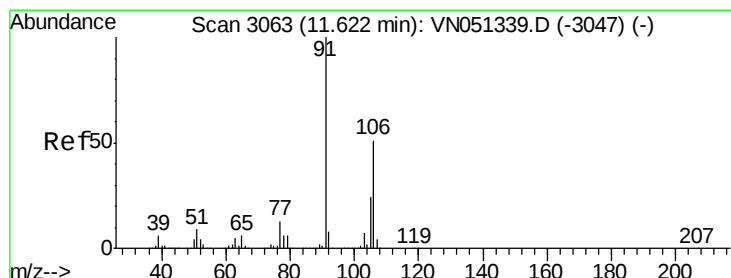
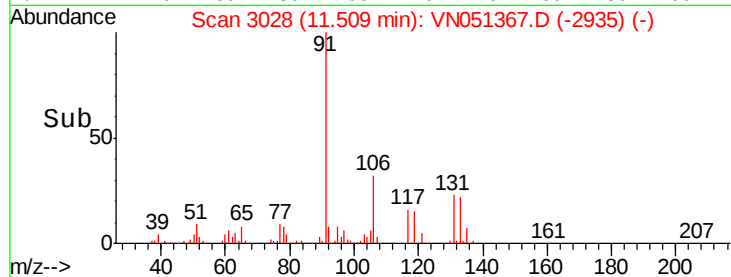
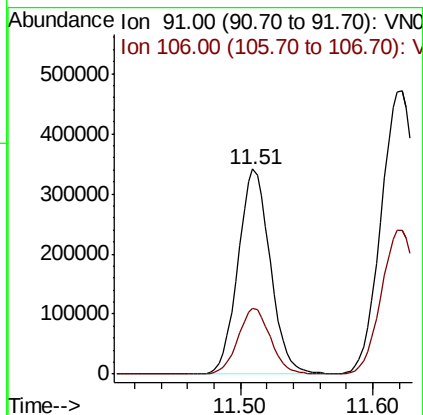
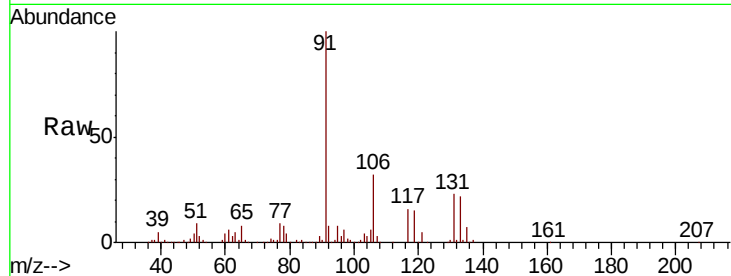
Tgt Ion:131 Resp: 136931
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 65.9 32.6 97.7





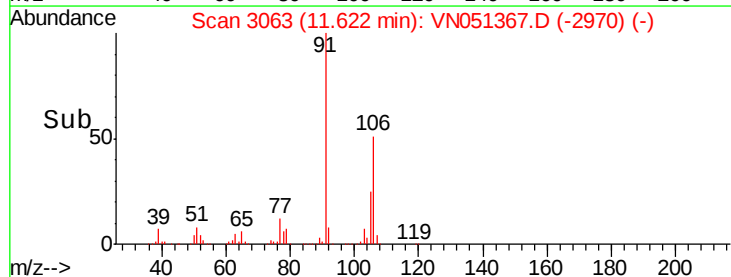
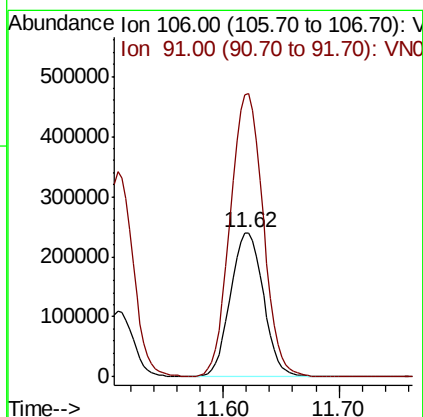
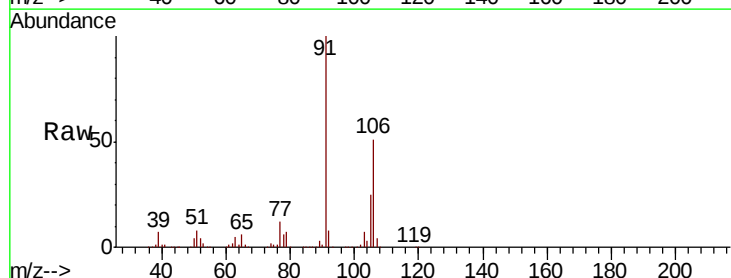
#67
Ethyl Benzene
Concen: 19.672 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

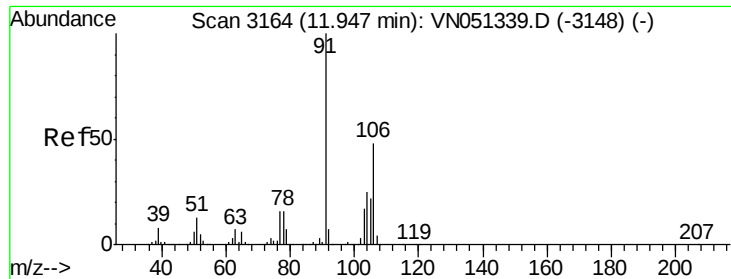
Tot Ion: 91 Resp: 574300
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8



#68
m/p-Xylenes
Concen: 41.172 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

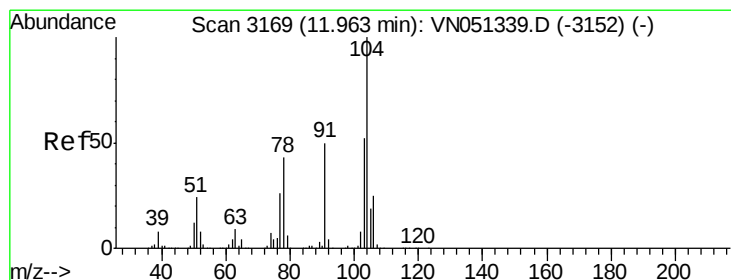
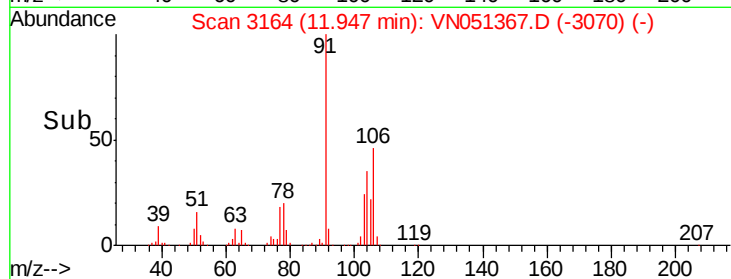
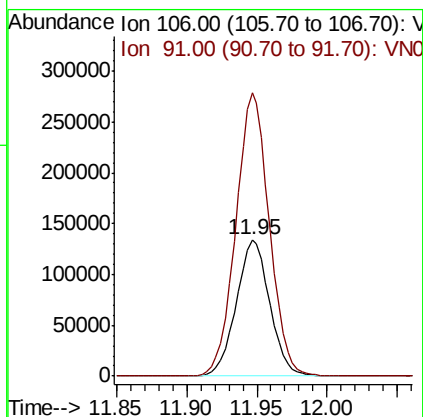
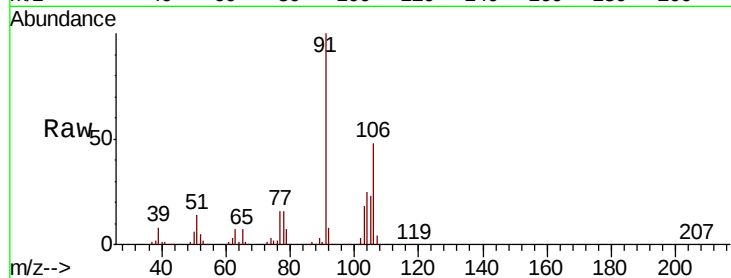
Tgt Ion: 106 Resp: 472227
Ion Ratio Lower Upper
106 100
91 196.4 156.5 234.7





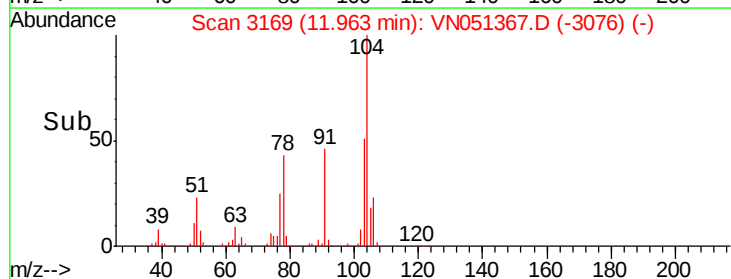
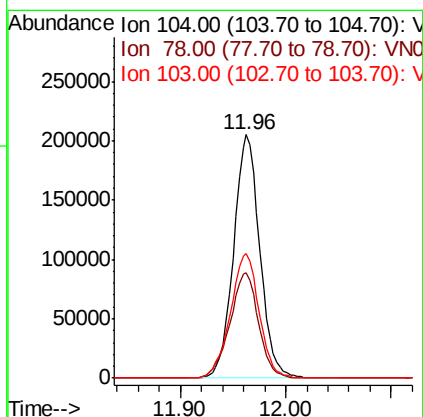
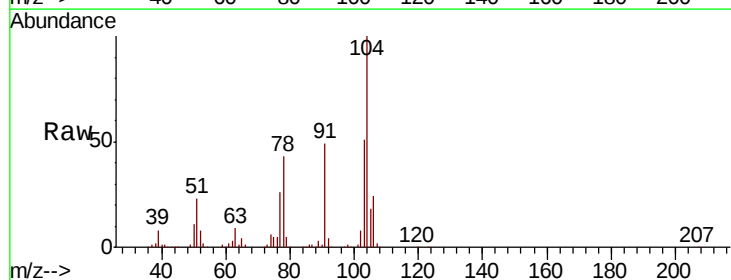
#69
o-Xylene
Concen: 20.121 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

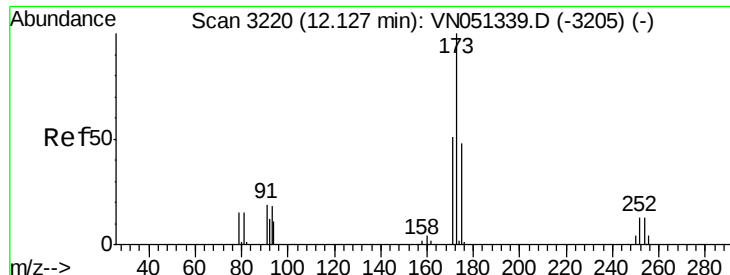
Tot Ion:106 Resp: 222478
Ion Ratio Lower Upper
106 100
91 207.6 104.6 313.7



#70
Styrene
Concen: 18.812 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion:104 Resp: 351881
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 56.1 44.3 66.5





#71

Bromoform

Concen: 19.902 ug/l

RT: 12.12 min Scan# 3219

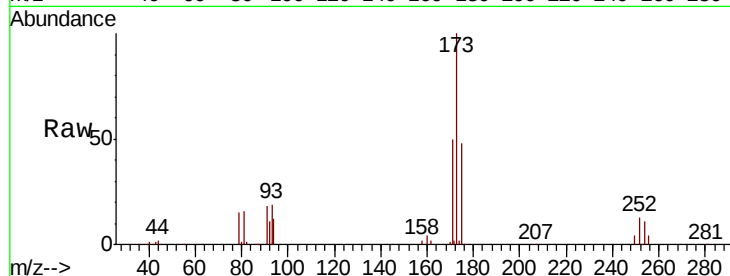
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tot Ion:173 Resp: 95960

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	73.0
254	0.0	0.1	0.1#

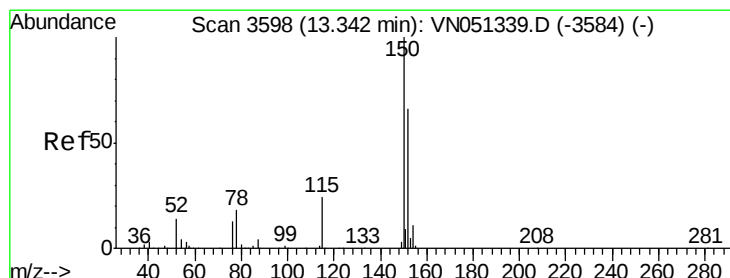
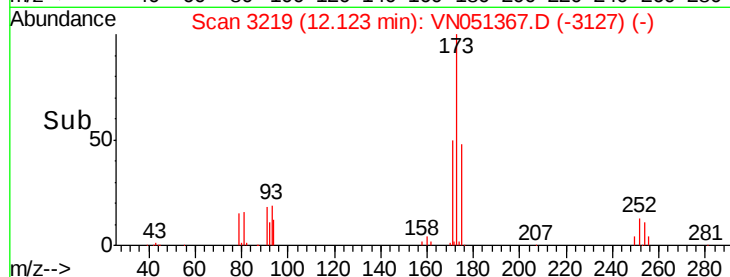
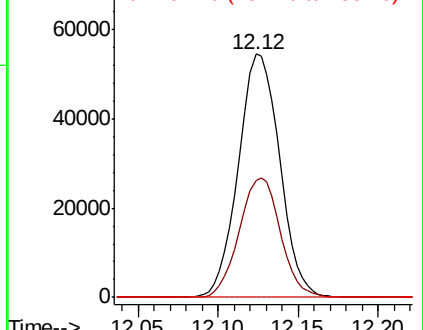


Abundance

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

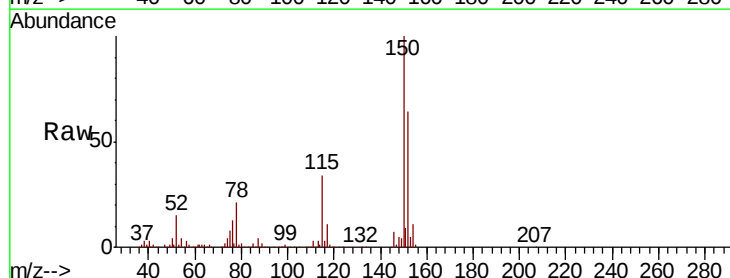
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tgt Ion:152 Resp: 395324

Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.9	80.7
150	163.9	0.0	345.0

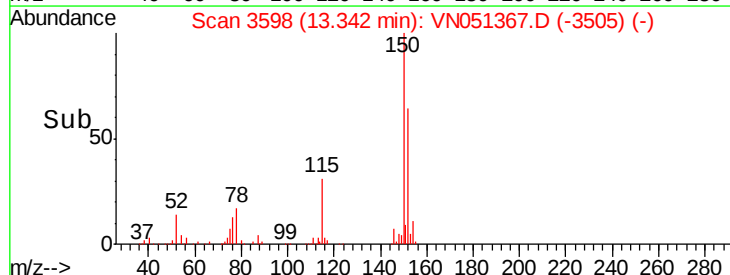
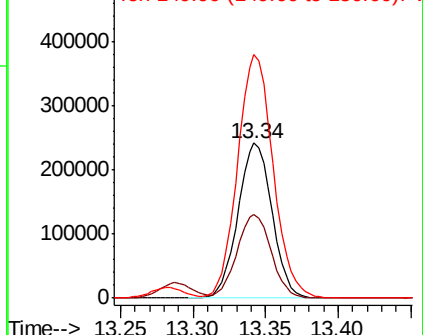


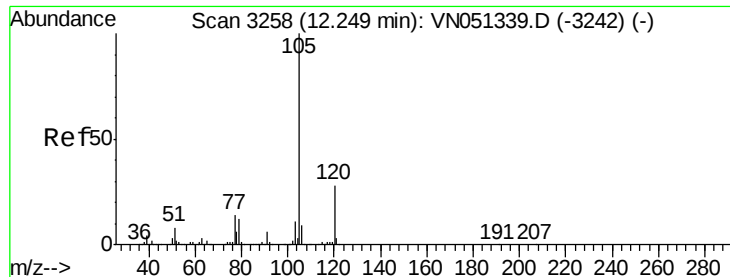
Abundance

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: 20.490 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051367.D

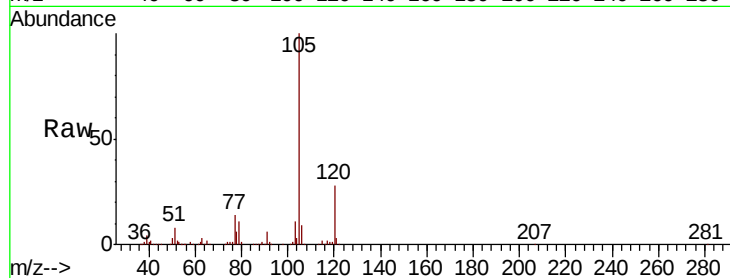
Acq: 21 Sep 2018 14:32

Tot Ion: 105 Resp: 593651

Ion Ratio Lower Upper

105 100

120 27.6 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

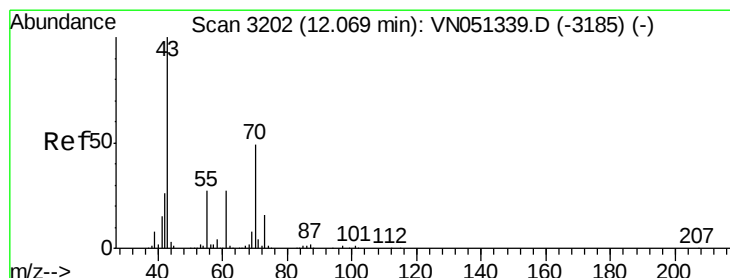
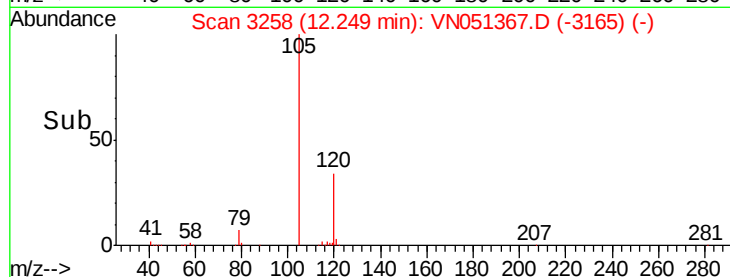
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.177 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tgt Ion: 43 Resp: 112671

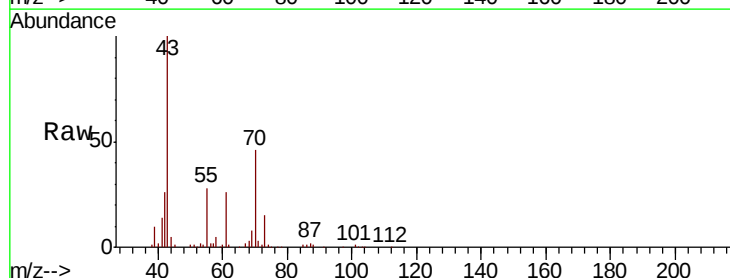
Ion Ratio Lower Upper

43 100

70 48.2 39.5 59.3

55 28.5 22.6 34.0

61 26.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

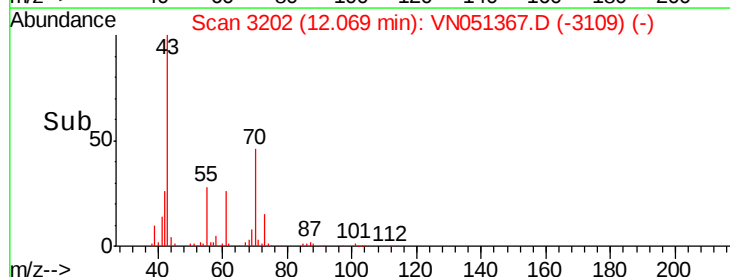
60000

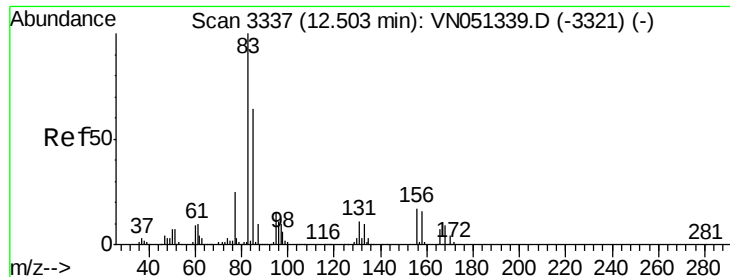
40000

20000

0

Time--> 12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 19.898 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

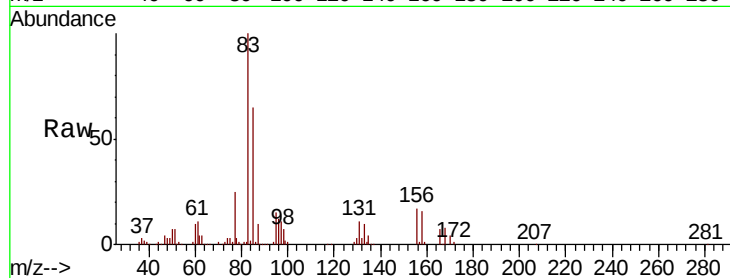
Tot Ion: 83 Resp: 133360

Ion Ratio Lower Upper

83 100

131 12.1 5.5 16.7

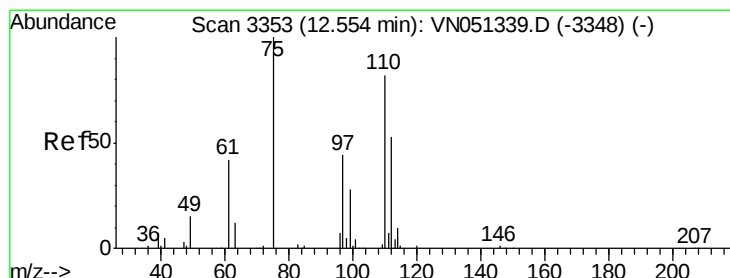
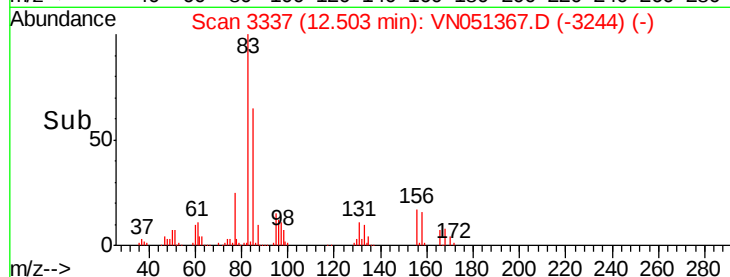
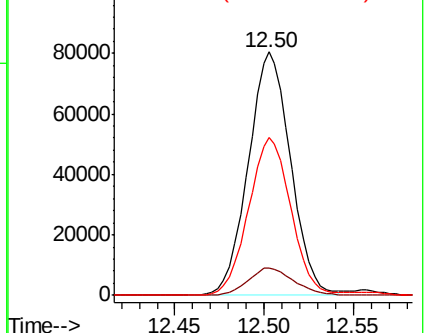
85 64.8 32.3 96.9



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

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

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



#76

1,2,3-Trichloropropane

Concen: 28.982 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN051367.D

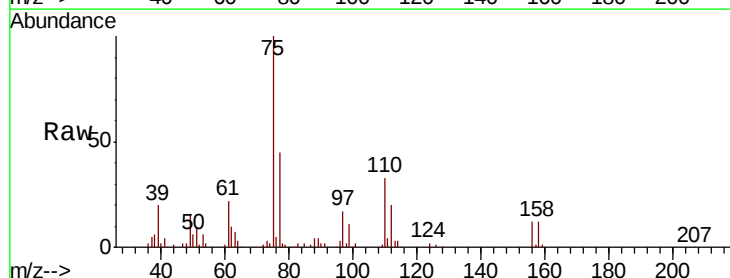
Acq: 21 Sep 2018 14:32

Tgt Ion: 75 Resp: 155921

Ion Ratio Lower Upper

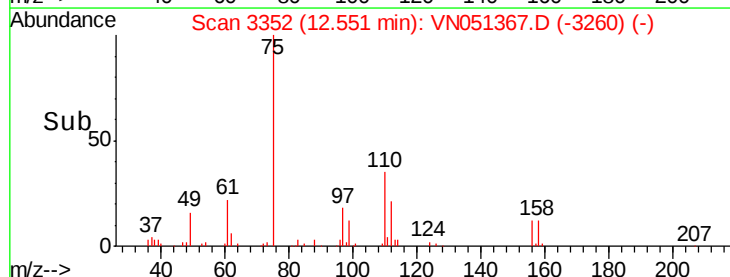
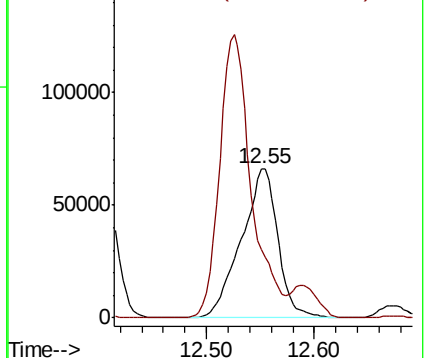
75 100

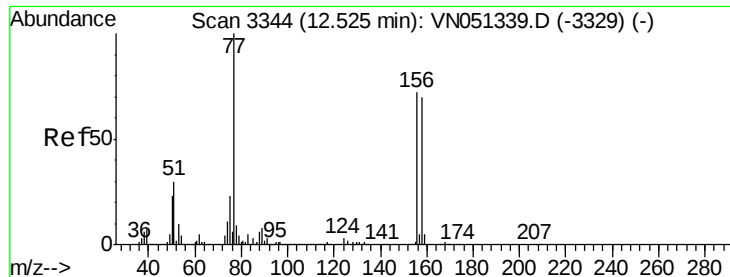
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 19.419 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

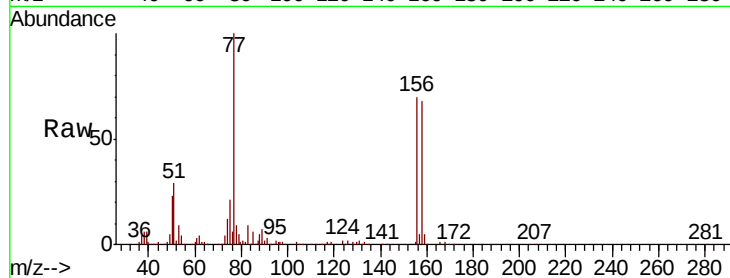
Tot Ion:156 Resp: 155448

Ion Ratio Lower Upper

156 100

77 164.8 80.8 242.4

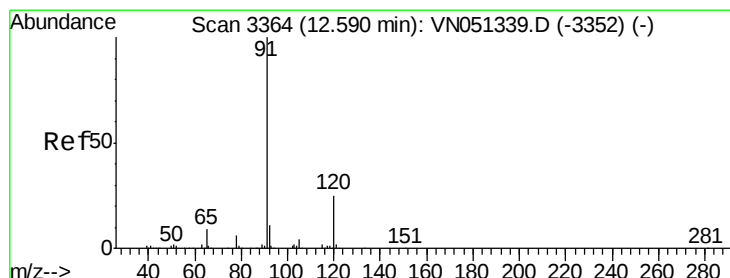
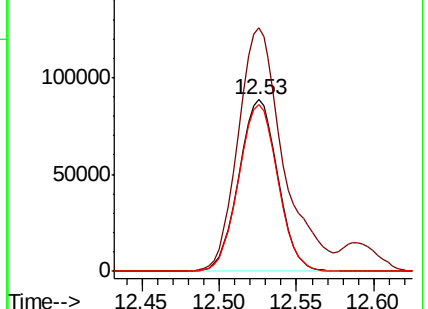
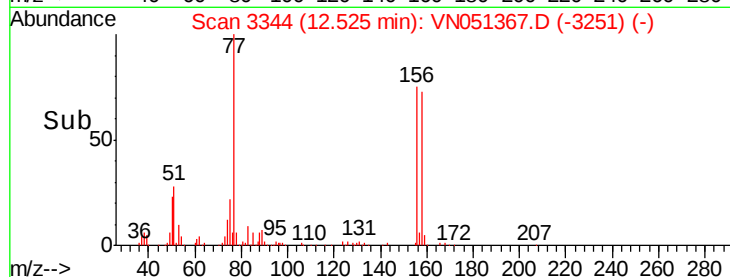
158 97.6 48.8 146.3



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: 20.938 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051367.D

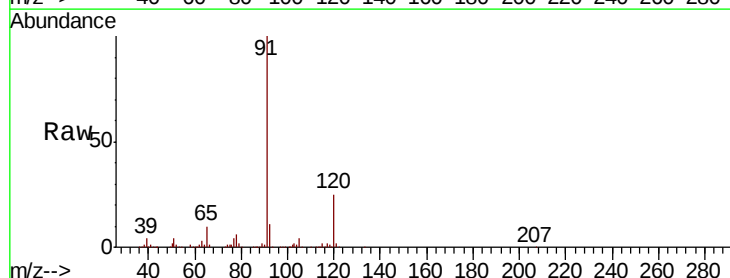
Acq: 21 Sep 2018 14:32

Tgt Ion: 91 Resp: 661338

Ion Ratio Lower Upper

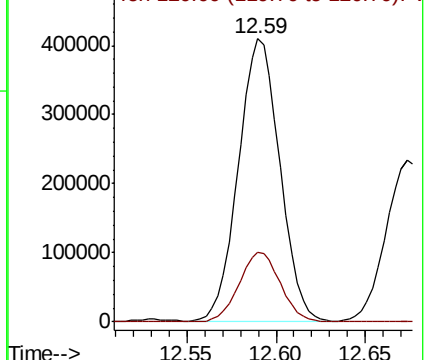
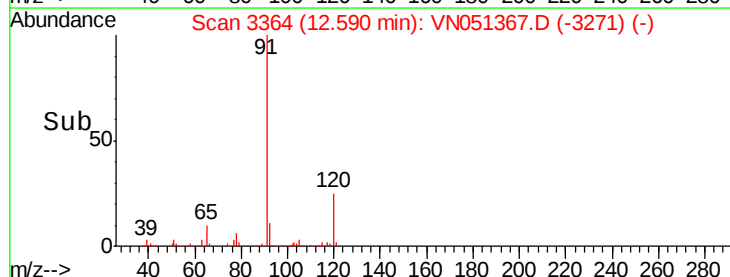
91 100

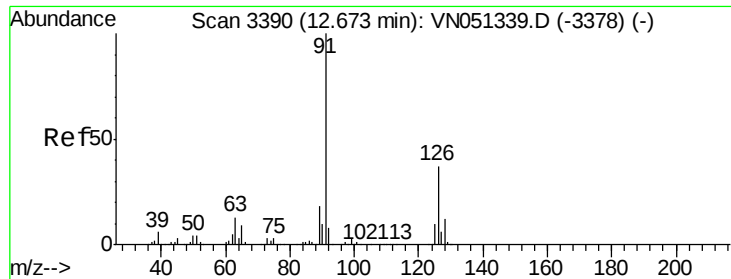
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.329 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051367.D

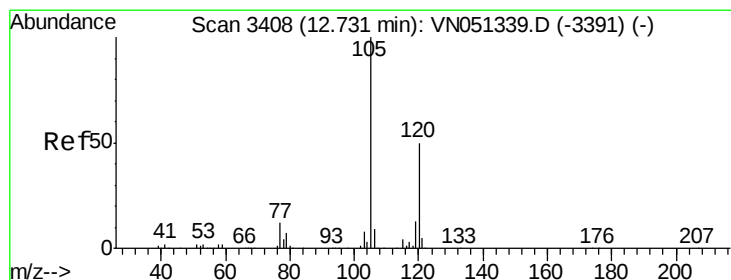
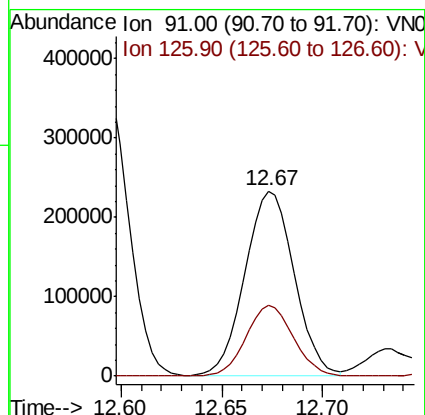
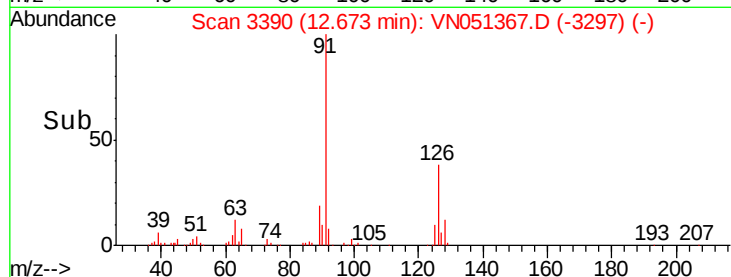
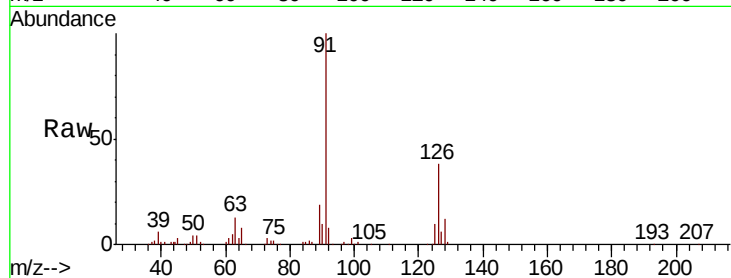
Acq: 21 Sep 2018 14:32

Tot Ion: 91 Resp: 395731

Ion Ratio Lower Upper

91 100

126 37.1 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 21.533 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051367.D

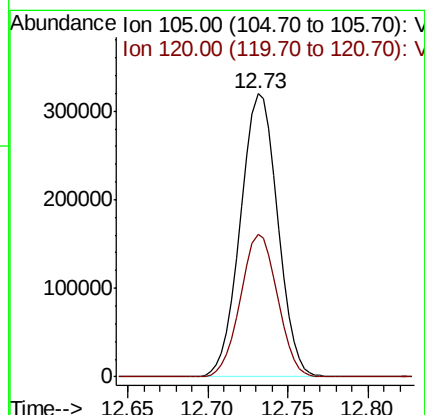
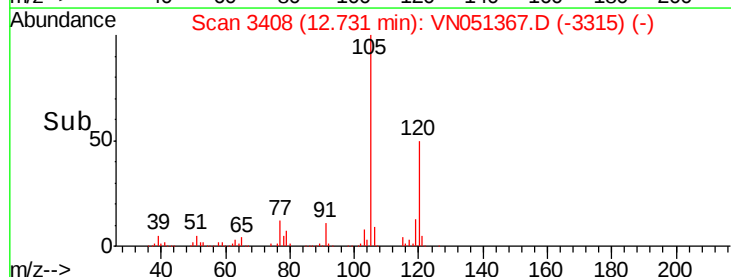
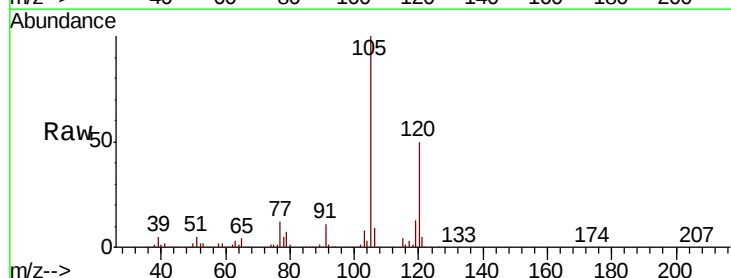
Acq: 21 Sep 2018 14:32

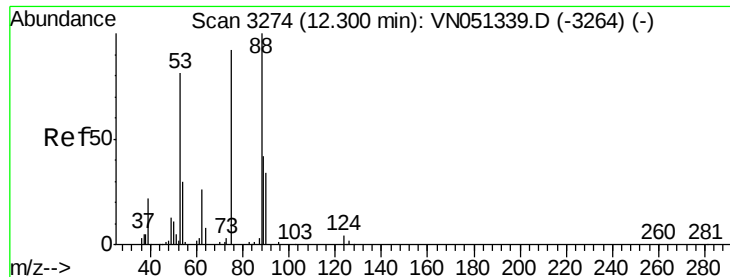
Tgt Ion: 105 Resp: 505762

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.007 ug/l

RT: 12.30 min Scan# 3274

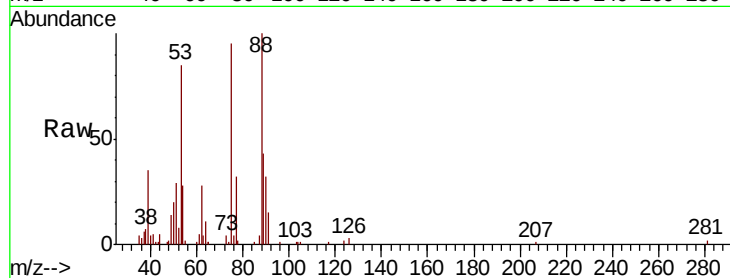
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

Tot Ion: 75 Resp: 33514

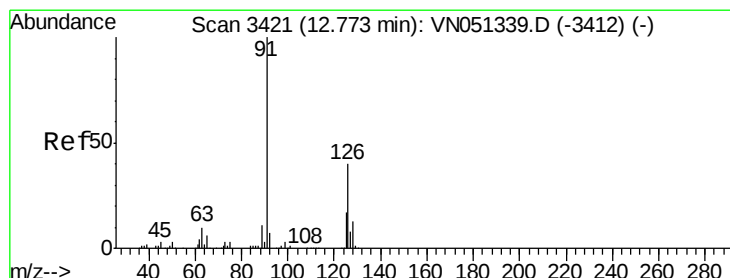
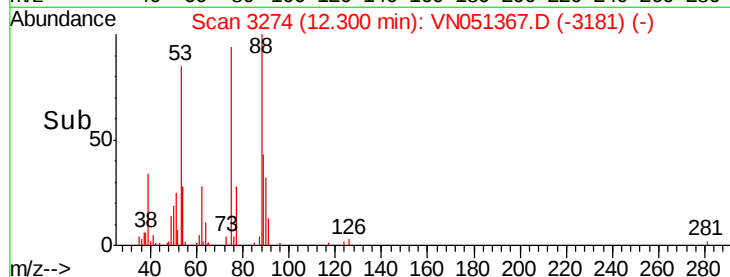
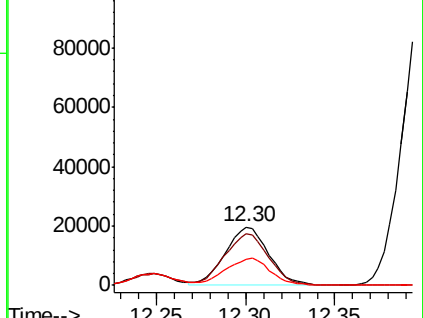
Ion	Ratio	Lower	Upper
75	100		
53	89.1	69.9	104.9
89	47.4	37.9	56.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.725 ug/l

RT: 12.77 min Scan# 3421

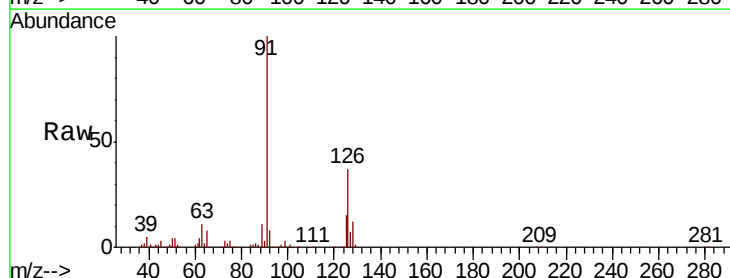
Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

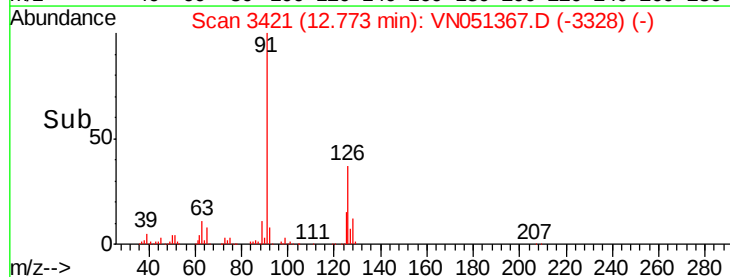
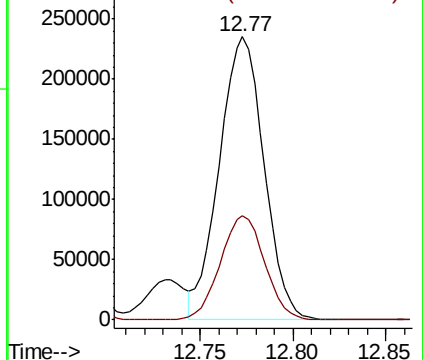
Tgt Ion: 91 Resp: 392113

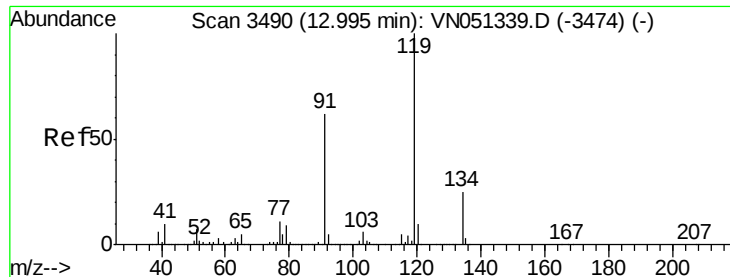
Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.3	54.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

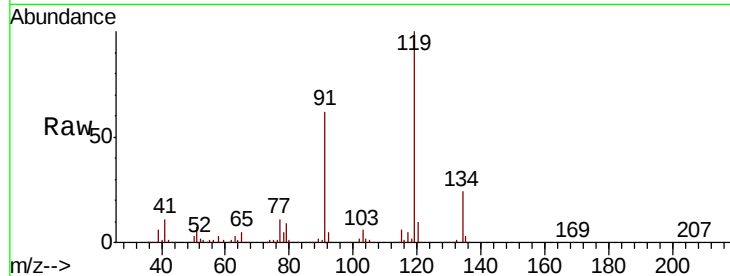
Ion 125.90 (125.60 to 126.60): V



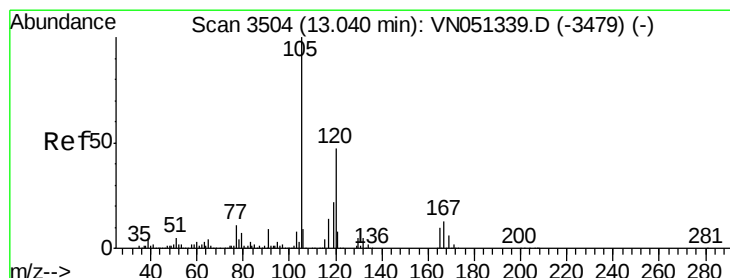
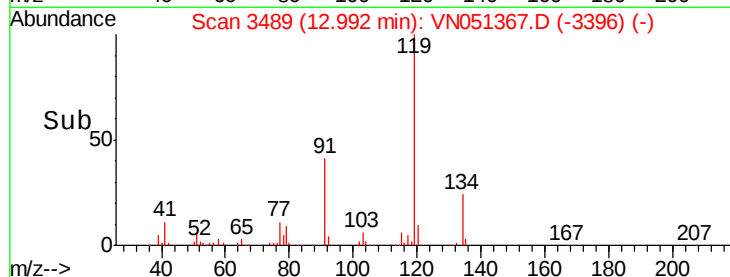
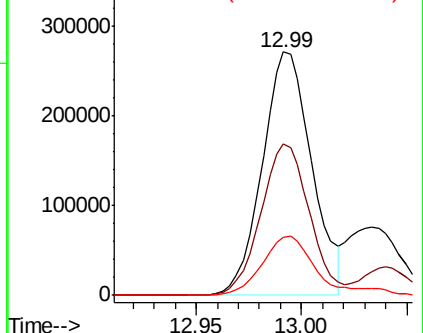


#83
tert-Butylbenzene
Concen: 21.101 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion:119 Resp: 443610
Ion Ratio Lower Upper
119 100
91 60.9 30.6 91.8
134 26.9 12.6 37.6

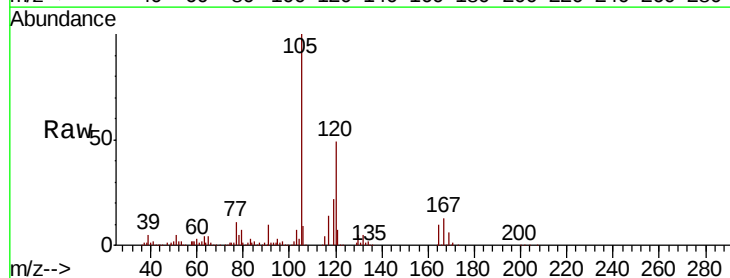


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

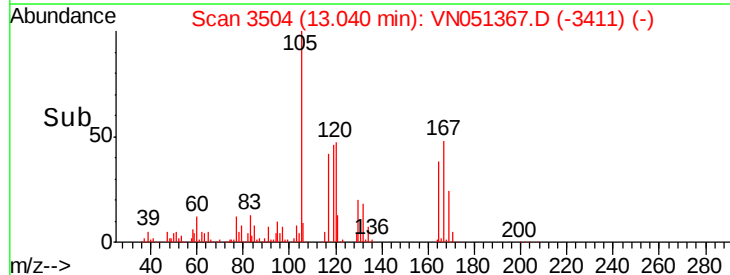
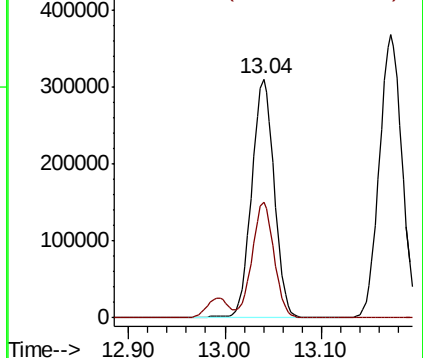


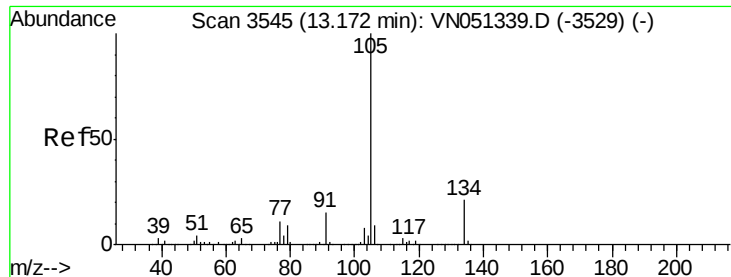
#84
1,2,4-Trimethylbenzene
Concen: 21.531 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion:105 Resp: 501936
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.6



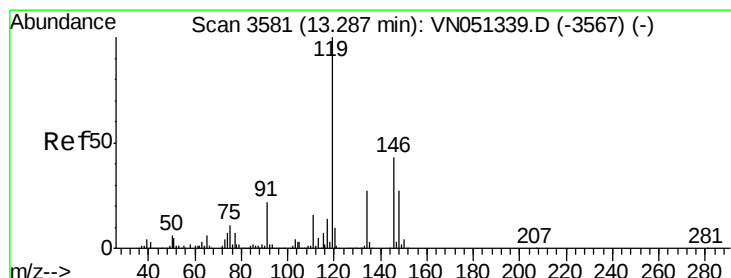
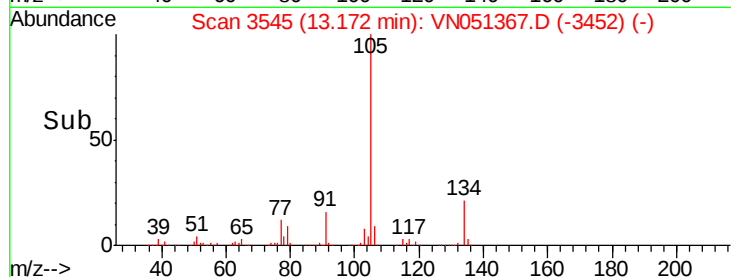
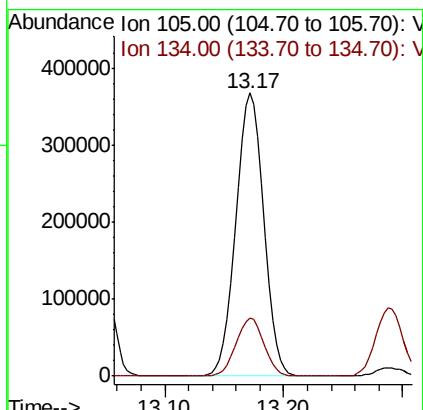
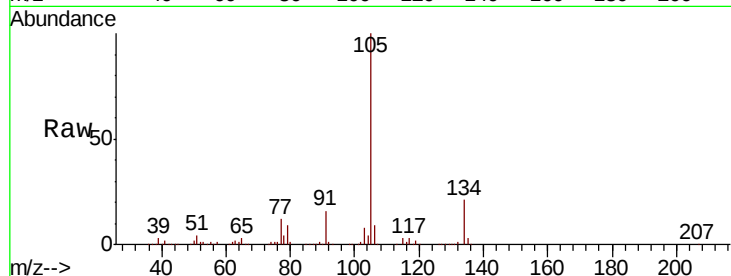
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





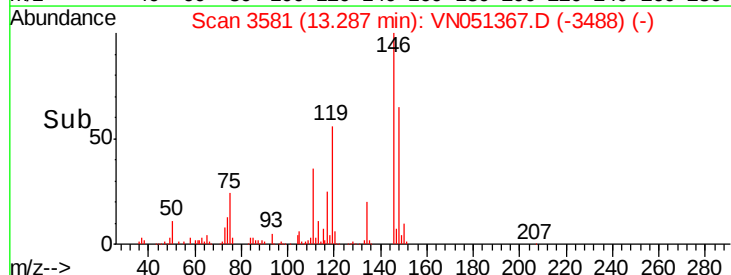
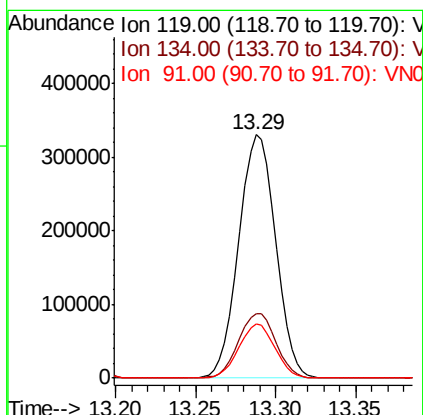
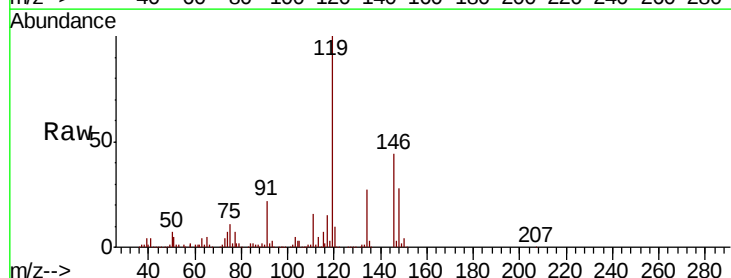
#85
 sec-Butylbenzene
 Concen: 21.330 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

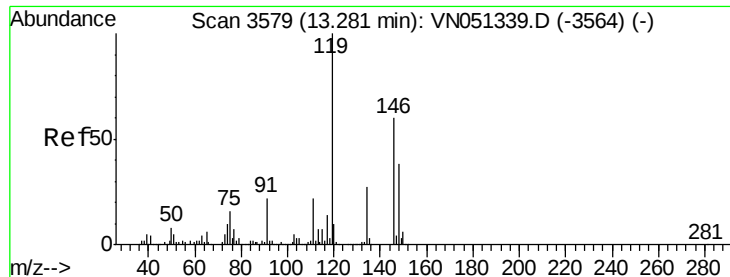
Tot Ion:105 Resp: 596336
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 21.381 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tgt Ion:119 Resp: 520213
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.0
 91 21.5 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.055 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

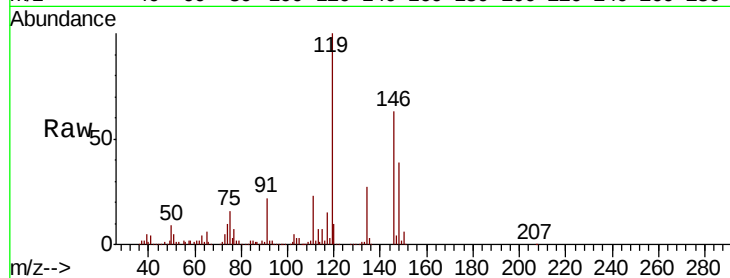
Tot Ion:146 Resp: 269845

Ion Ratio Lower Upper

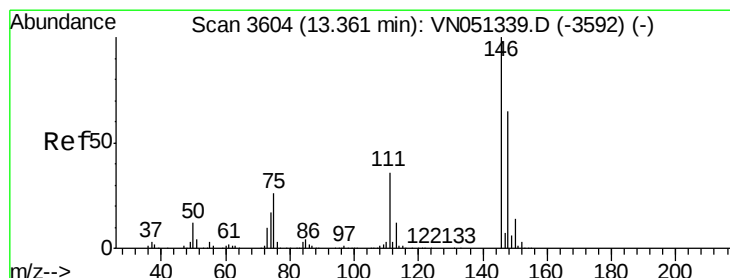
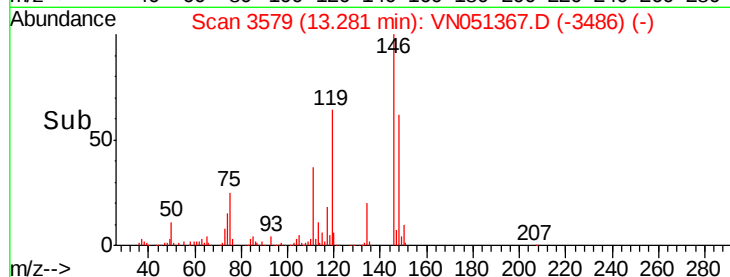
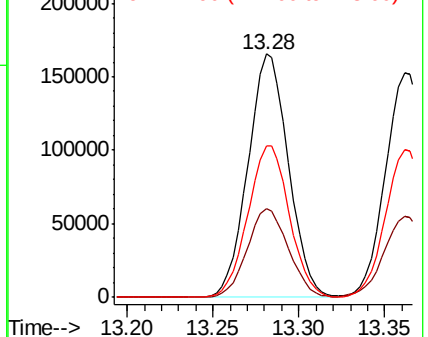
146 100

111 37.2 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: 19.678 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

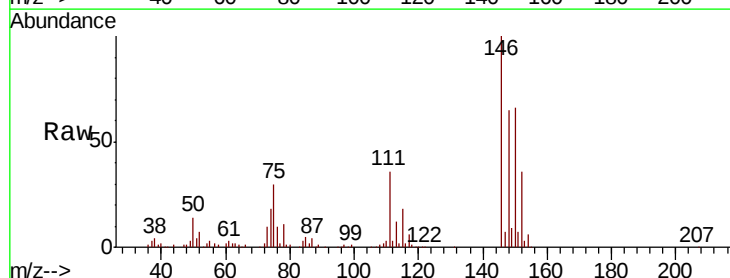
Tgt Ion:146 Resp: 256667

Ion Ratio Lower Upper

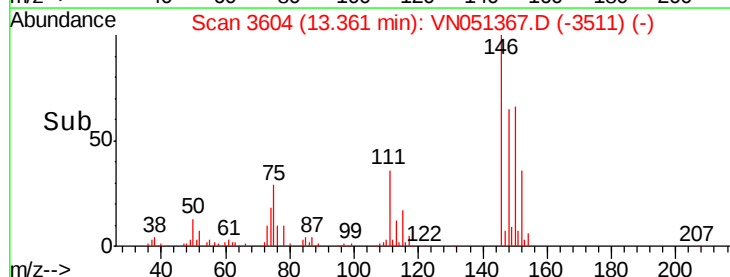
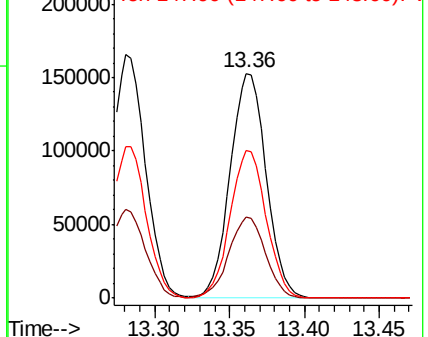
146 100

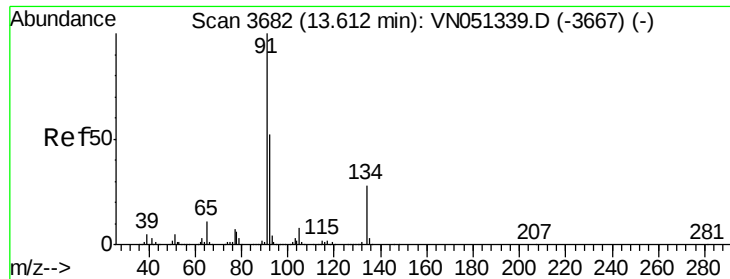
111 36.8 18.2 54.6

148 65.6 32.5 97.4



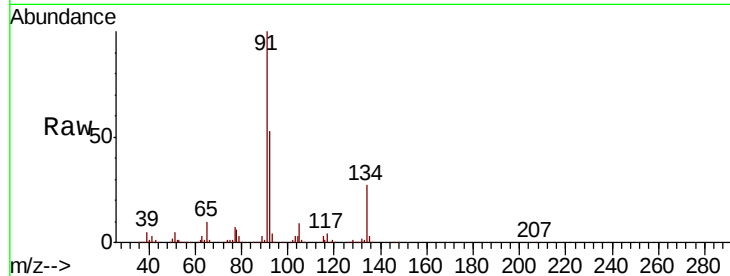
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



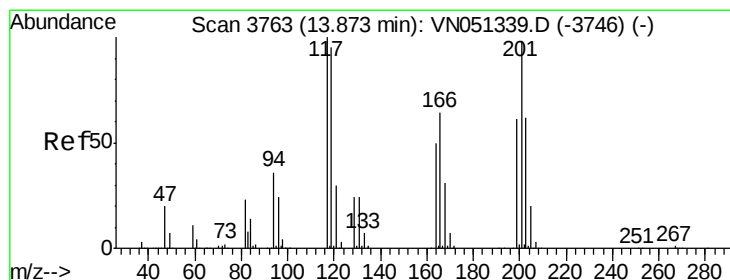
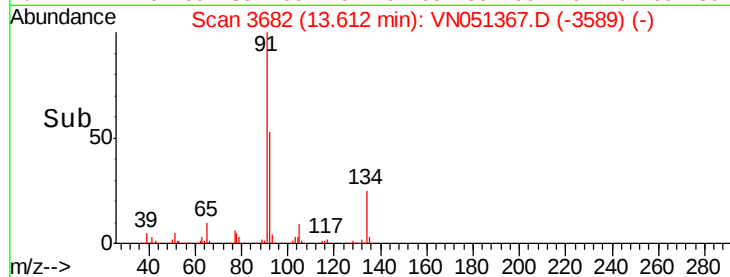
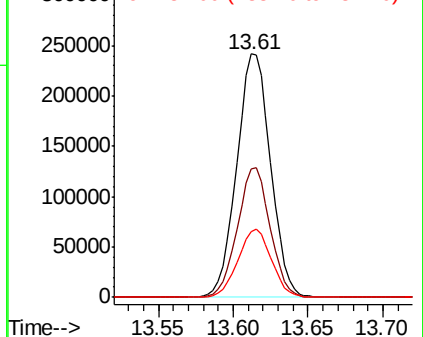


#89
n-Butylbenzene
Concen: 18.955 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion: 91 Resp: 380438
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 27.6 14.1 42.4

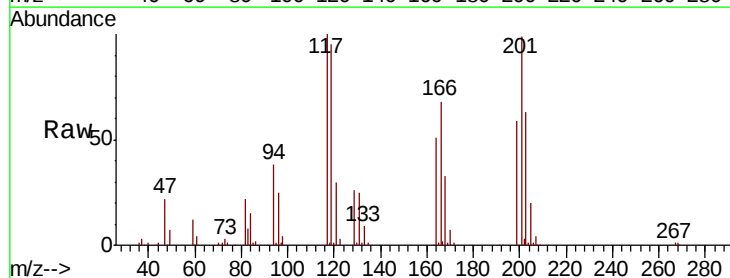


Abundance Ion 91.00 (90.70 to 91.70): VN051339.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN051339.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN051339.D (-3667) (-)

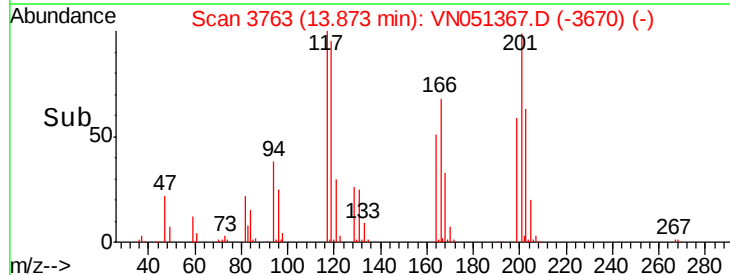
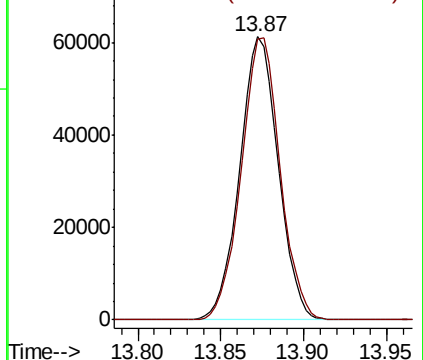


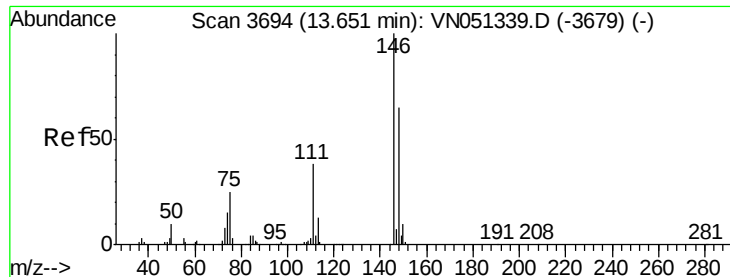
#90
Hexachloroethane
Concen: 18.970 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion: 117 Resp: 98847
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: 19.696 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

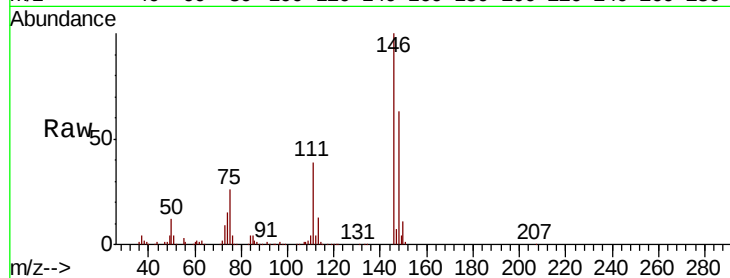
Tot Ion:146 Resp: 256014

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.8

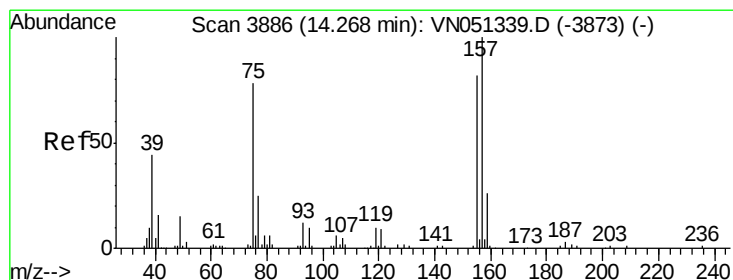
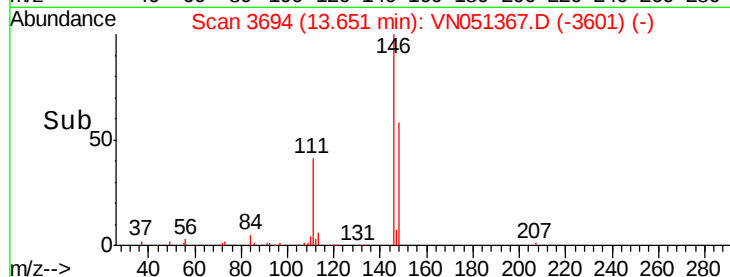
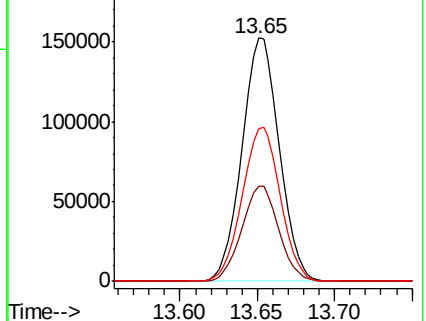
148 64.6 32.9 98.7



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: 18.440 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051367.D

Acq: 21 Sep 2018 14:32

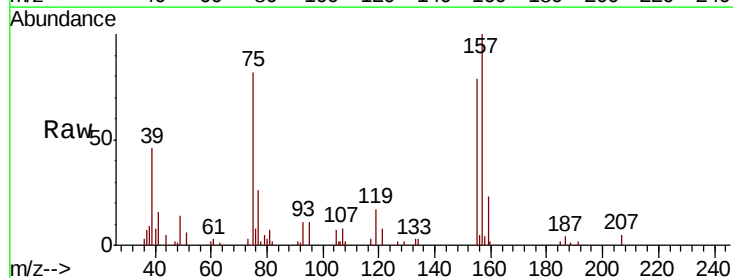
Tgt Ion: 75 Resp: 17463

Ion Ratio Lower Upper

75 100

155 97.9 51.4 154.2

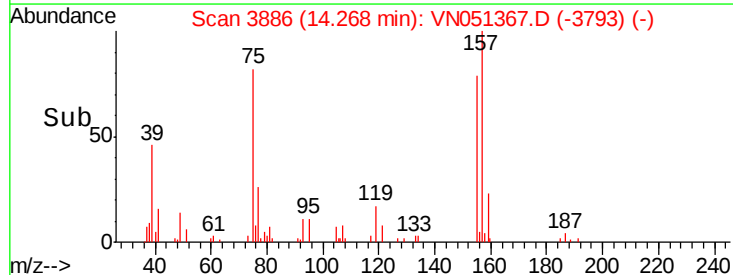
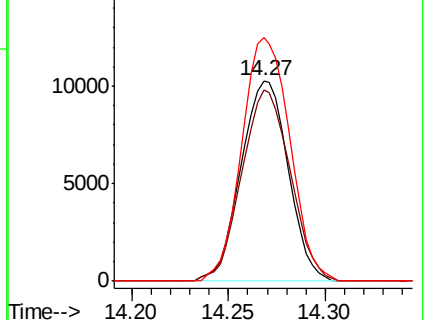
157 123.7 65.4 196.2

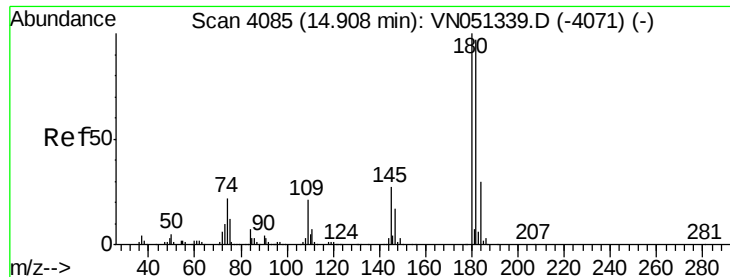


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

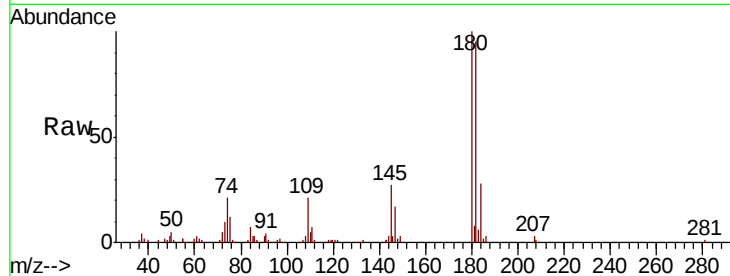
Ion 156.80 (156.50 to 157.50): V



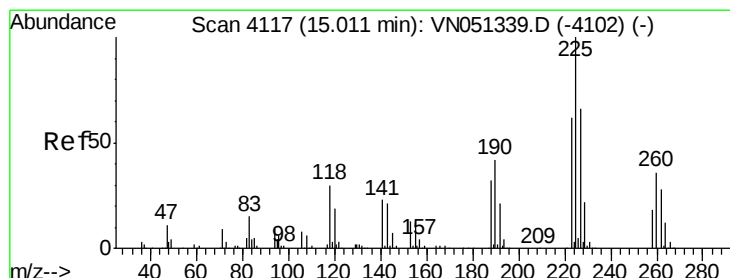
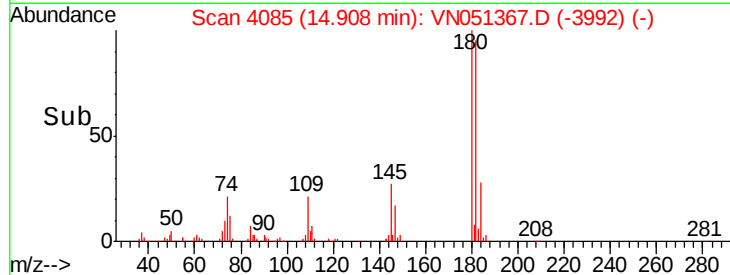
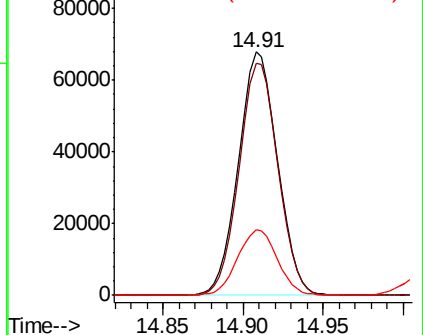


#93
 1,2,4-Trichlorobenzene
 Concen: 17.870 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.2
145	27.5	13.7	41.1

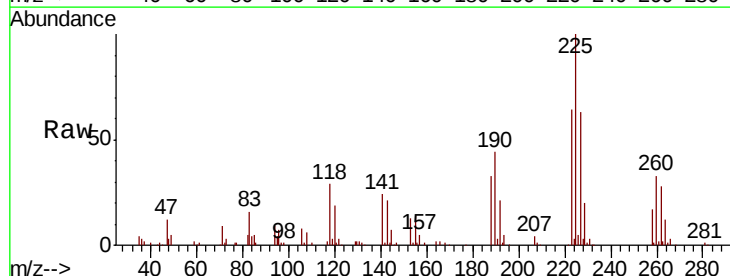


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

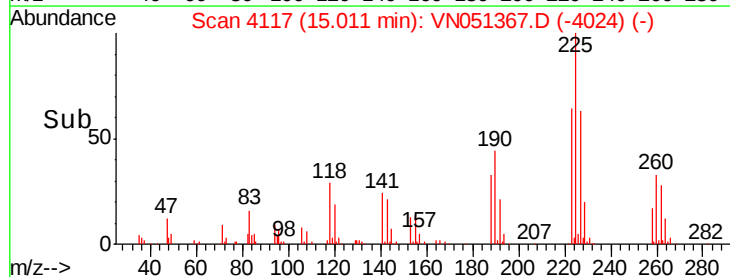
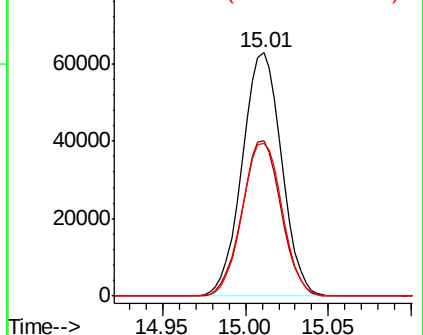


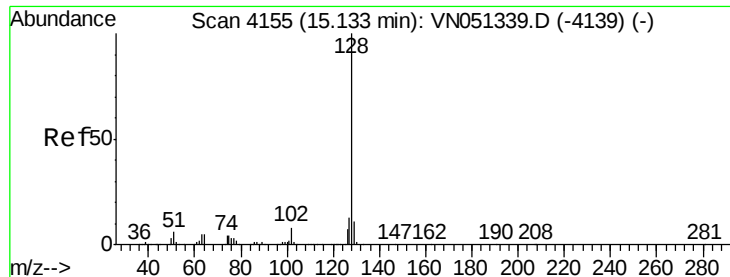
#94
 Hexachlorobutadiene
 Concen: 20.638 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051367.D
 Acq: 21 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	63.7	32.8	98.4



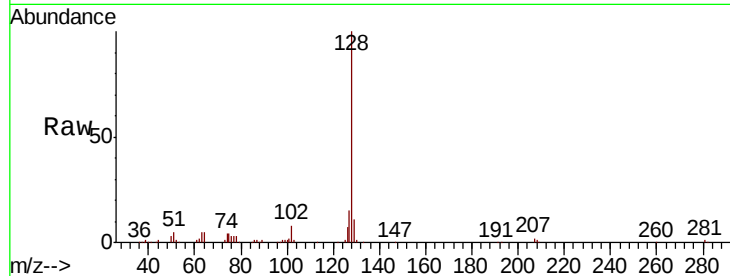
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



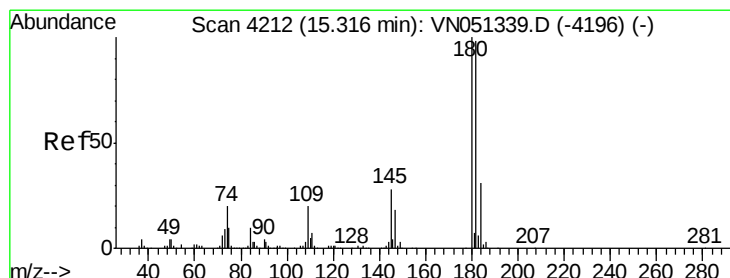
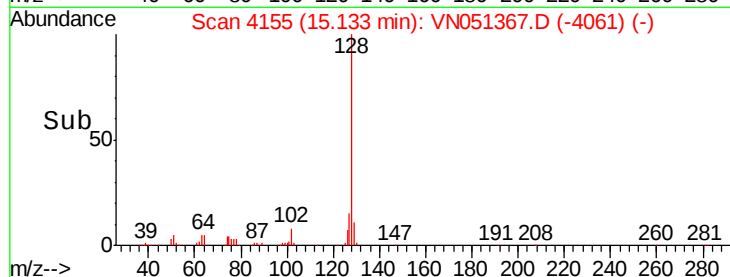
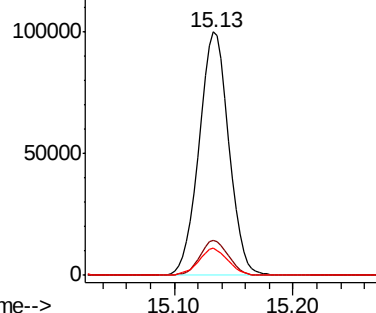


#95
Naphthalene
Concen: 16.459 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tot Ion:128 Resp: 173044
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.9 8.6 13.0

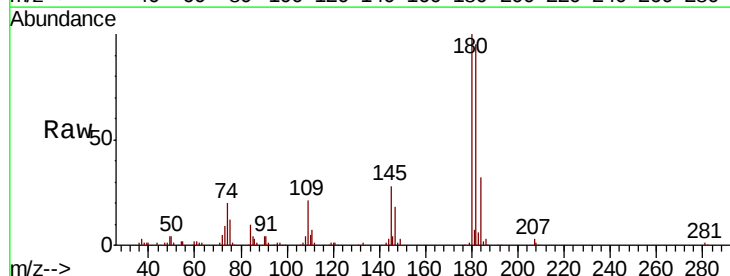


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.399 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051367.D
Acq: 21 Sep 2018 14:32

Tgt Ion:180 Resp: 115866
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.3
145 28.9 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

