

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054089.D
 Acq On : 5 Mar 2019 1:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 05 03:46:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	998132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	885210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	412746	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	386186	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	331955	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
50) Toluene-d8	10.09	98	1236322	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	407902	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	266148	46.658	ug/l	97
3) Chloromethane	2.06	50	380899	48.140	ug/l	100
4) Vinyl Chloride	2.19	62	384847	48.545	ug/l	100
5) Bromomethane	2.57	94	229302	43.674	ug/l	99
6) Chloroethane	2.71	64	227175	46.076	ug/l	97
7) Trichlorofluoromethane	3.02	101	476543	47.053	ug/l	99
8) Diethyl Ether	3.41	74	194478	51.254	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	301147	47.080	ug/l	93
10) Methyl Iodide	3.95	142	418045	49.738	ug/l	97
11) Tert butyl alcohol	4.78	59	129952	282.142	ug/l	100
12) 1,1-Dichloroethene	3.74	96	292866	47.866	ug/l	93
13) Acrolein	3.61	56	74114	155.418	ug/l	99
14) Allyl chloride	4.32	41	534485	49.806	ug/l	94
15) Acrylonitrile	4.99	53	660362	272.030	ug/l	98
16) Acetone	3.81	43	465941	241.871	ug/l	95
17) Carbon Disulfide	4.06	76	875985	44.380	ug/l	99
18) Methyl Acetate	4.32	43	306851	60.400	ug/l	93
19) Methyl tert-butyl Ether	5.04	73	873015	53.190	ug/l	98
20) Methylene Chloride	4.55	84	342266	47.597	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	319559	48.256	ug/l	93
22) Diisopropyl ether	5.95	45	1114172	53.817	ug/l	95
23) Vinyl Acetate	5.90	43	4029777	270.579	ug/l	95
24) 1,1-Dichloroethane	5.85	63	630877	49.692	ug/l	98
25) 2-Butanone	6.83	43	761499	266.930	ug/l	95
26) 2,2-Dichloropropane	6.82	77	367550	40.749	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	366860	49.813	ug/l	95
28) Bromochloromethane	7.19	49	316580	54.478	ug/l #	80
29) Tetrahydrofuran	7.21	42	521523	274.518	ug/l	92
30) Chloroform	7.37	83	614749	49.937	ug/l	99
31) Cyclohexane	7.65	56	574244	49.420	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	500537	49.312	ug/l	96
36) 1,1-Dichloropropene	7.79	75	460096	49.567	ug/l	97
37) Ethyl Acetate	6.93	43	344517	51.980	ug/l	96
38) Carbon Tetrachloride	7.77	117	438112	45.382	ug/l	100

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

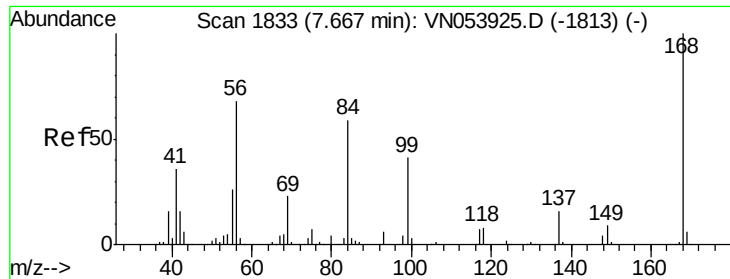
39) Methylcyclohexane	9.08	83	522212	46.676	ug/l	94
40) Benzene	8.04	78	1413514	49.570	ug/l	100
41) Methacrylonitrile	7.17	41	168270	39.428	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	445977	50.517	ug/l	97
43) Isopropyl Acetate	8.16	43	592676	52.962	ug/l #	91
44) Trichloroethene	8.83	130	362207	47.912	ug/l	95
45) 1,2-Dichloropropane	9.12	63	387549	50.375	ug/l	99
46) Dibromomethane	9.21	93	223974	50.146	ug/l	92
47) Bromodichloromethane	9.40	83	475855	50.555	ug/l	98
48) Methyl methacrylate	9.20	41	285250	55.416	ug/l	92
49) 1,4-Dioxane	9.20	88	77237	1107.854	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	1660638	288.780	ug/l	95
52) Toluene	10.16	92	838583	49.943	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	462599	50.511	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	534700	49.524	ug/l #	92
55) 1,1,2-Trichloroethane	10.56	97	318154	50.736	ug/l	98
56) Ethyl methacrylate	10.43	69	406761	49.491	ug/l	89
57) 1,3-Dichloropropane	10.71	76	546253	51.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	982899	256.395	ug/l	95
59) 2-Hexanone	10.75	43	1048565	280.362	ug/l	93
60) Dibromochloromethane	10.90	129	346535	49.725	ug/l	99
61) 1,2-Dibromoethane	11.00	107	306535	50.675	ug/l	99
64) Tetrachloroethene	10.63	164	365532	48.765	ug/l	97
65) Chlorobenzene	11.43	112	893157	47.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	333045	49.464	ug/l	99
67) Ethyl Benzene	11.51	91	1553060	49.588	ug/l	99
68) m/p-Xylenes	11.62	106	1181265	99.933	ug/l	96
69) o-Xylene	11.95	106	571199	49.179	ug/l	96
70) Styrene	11.96	104	933430	52.250	ug/l	99
71) Bromoform	12.13	173	233385	49.825	ug/l #	99
73) Isopropylbenzene	12.25	105	1499409	46.668	ug/l	99
74) N-amyl acetate	12.07	43	463429	55.032	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	380578	47.368	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	323086m	48.796	ug/l	
77) Bromobenzene	12.53	156	373252	45.756	ug/l	88
78) n-propylbenzene	12.59	91	1762287	48.229	ug/l	97
79) 2-Chlorotoluene	12.67	91	1044676	47.593	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1287187	48.936	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	99384	47.441	ug/l	91
82) 4-Chlorotoluene	12.77	91	1040125	47.945	ug/l	97
83) tert-Butylbenzene	12.99	119	1121799	48.221	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1299494	49.486	ug/l	98
85) sec-Butylbenzene	13.17	105	1518978	47.806	ug/l	98
86) p-Isopropyltoluene	13.29	119	1298979	48.359	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	662935	46.978	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	649370	47.431	ug/l	99
89) n-Butylbenzene	13.62	91	1114861	49.248	ug/l	98
90) Hexachloroethane	13.87	117	232657	44.697	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	655268	47.969	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59073	52.028	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	335296	44.455	ug/l	97
94) Hexachlorobutadiene	15.01	225	218991	44.380	ug/l	99
95) Naphthalene	15.13	128	716569	44.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	330169	45.516	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054089.D

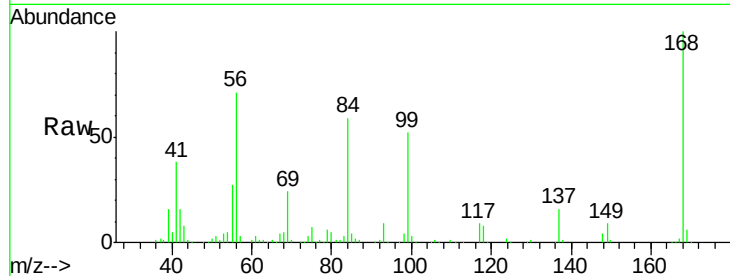
Acq: 5 Mar 2019 1:49

Tot Ion:168 Resp: 619807

Ion Ratio Lower Upper

168 100

99 52.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

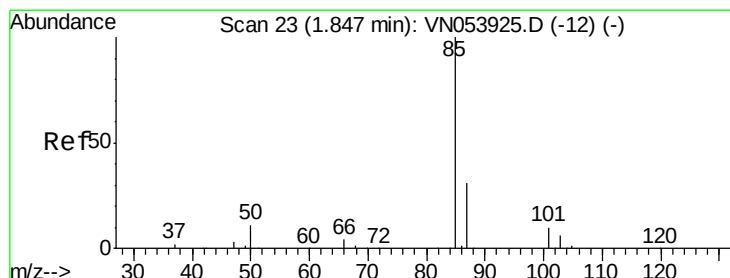
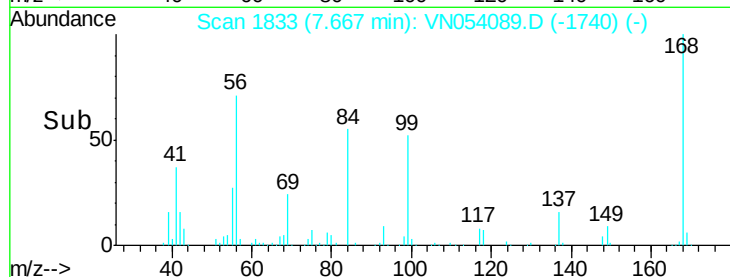
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 46.658 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN054089.D

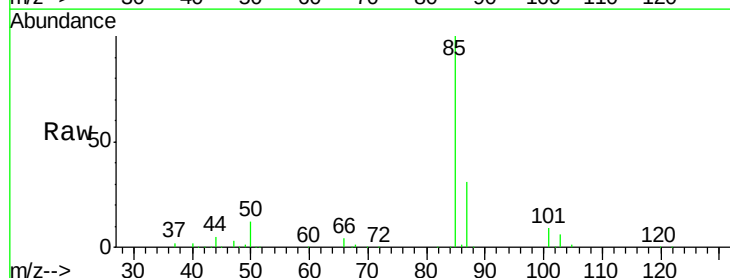
Acq: 5 Mar 2019 1:49

Tgt Ion: 85 Resp: 266148

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

150000

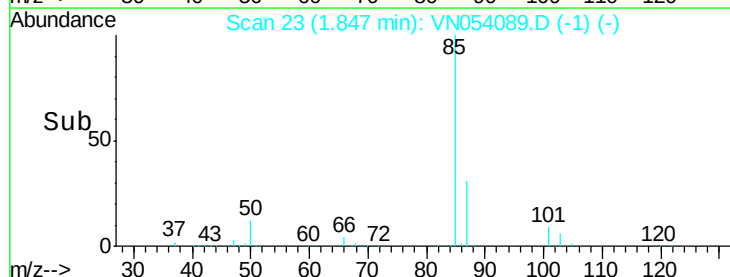
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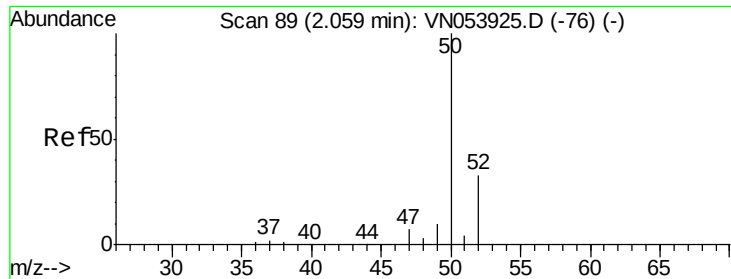
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0

Time-->

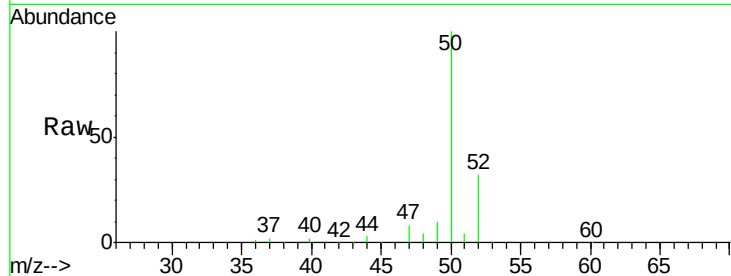
1.80 1.90 2.00



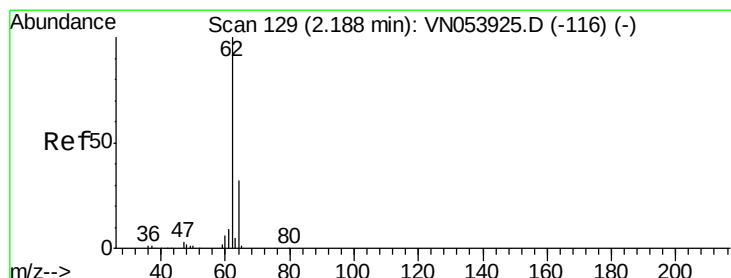
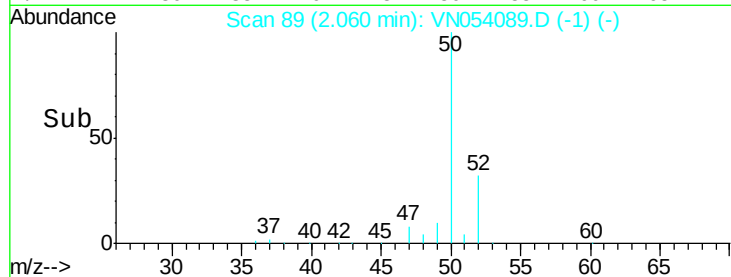
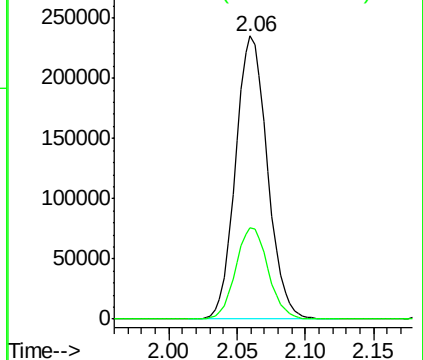


#3
Chloromethane
Concen: 48.140 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tot Ion: 50 Resp: 380899
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0

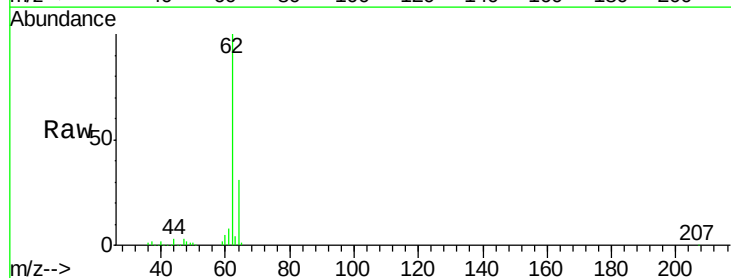


Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO

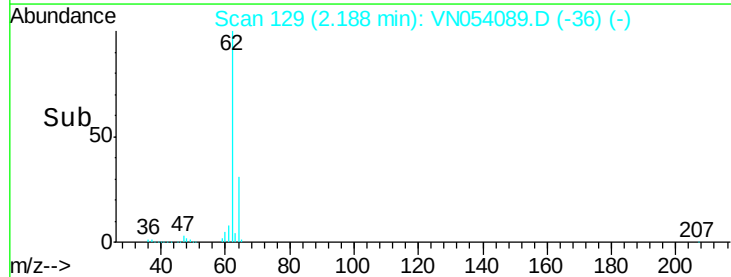
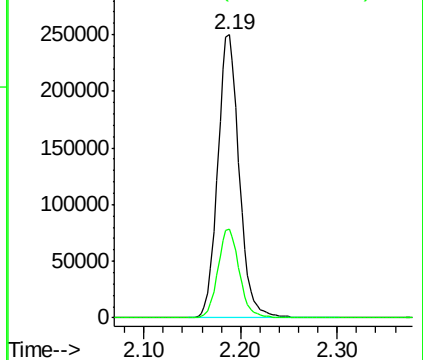


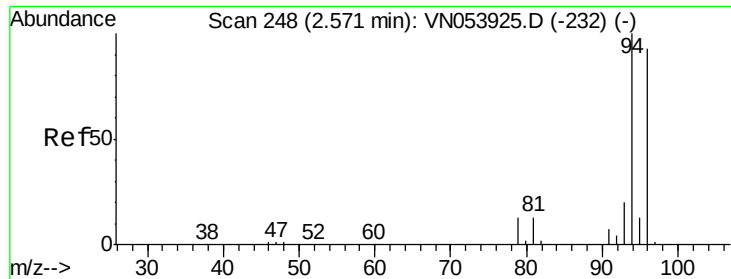
#4
Vinyl Chloride
Concen: 48.545 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 62 Resp: 384847
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.674 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN054089.D

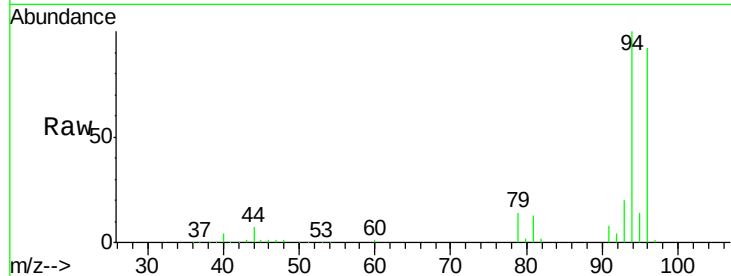
Acq: 5 Mar 2019 1:49

Tot Ion: 94 Resp: 229302

Ion Ratio Lower Upper

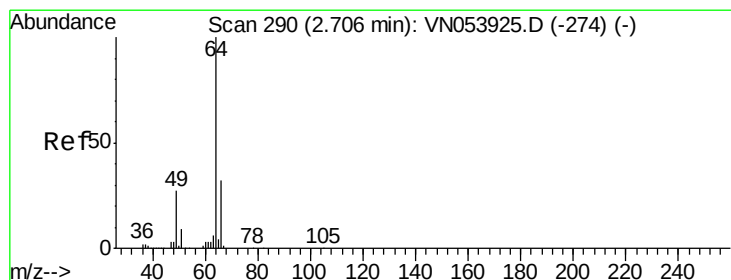
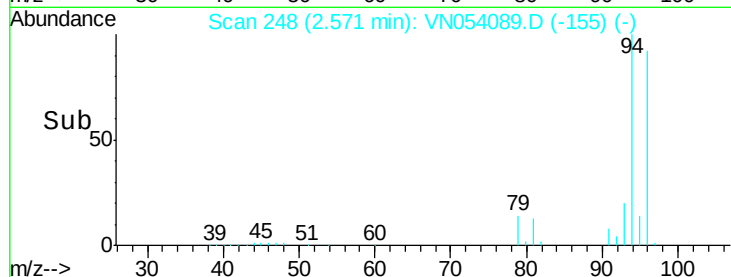
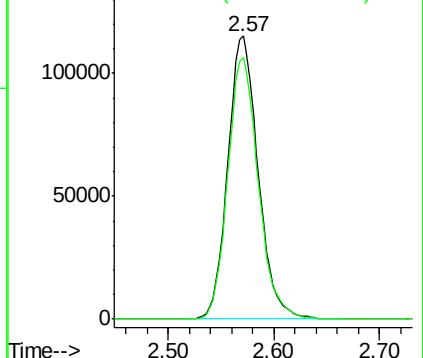
94 100

96 92.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.076 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054089.D

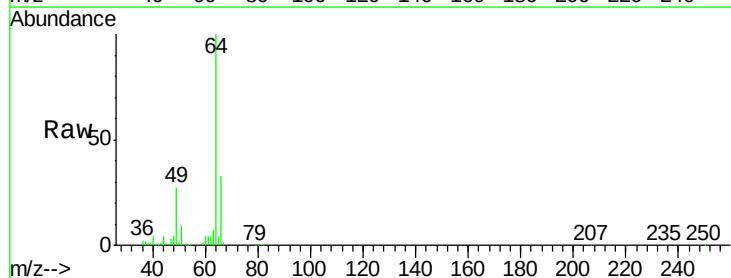
Acq: 5 Mar 2019 1:49

Tgt Ion: 64 Resp: 227175

Ion Ratio Lower Upper

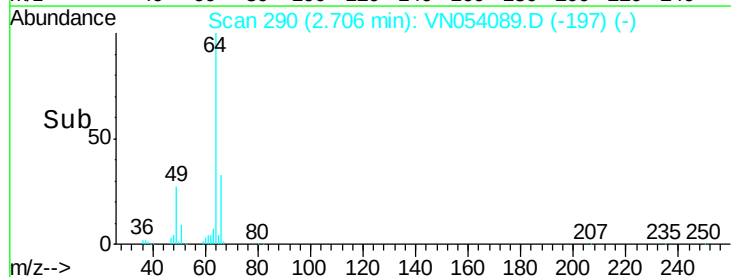
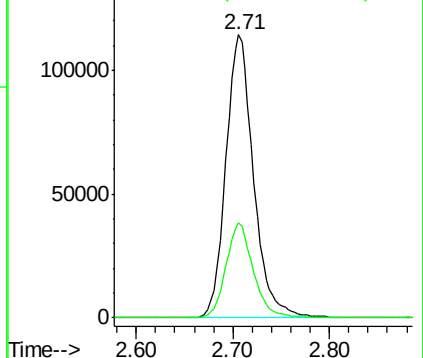
64 100

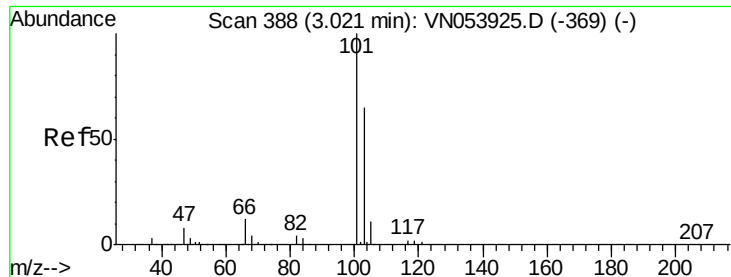
66 33.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

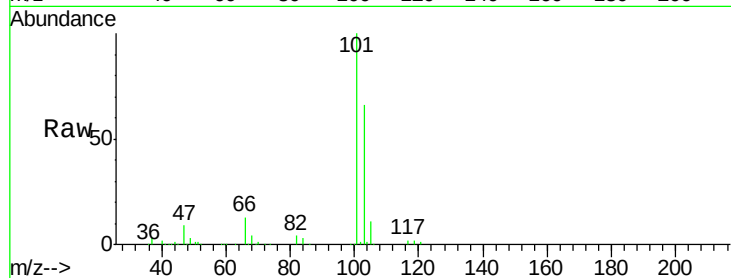




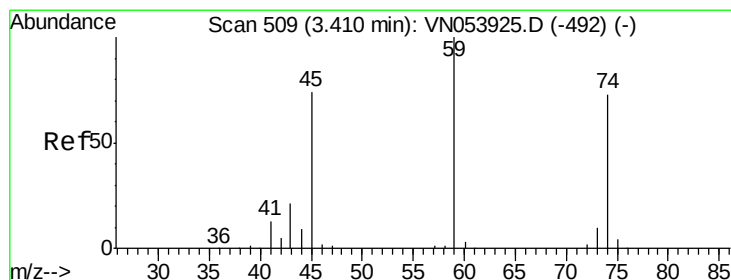
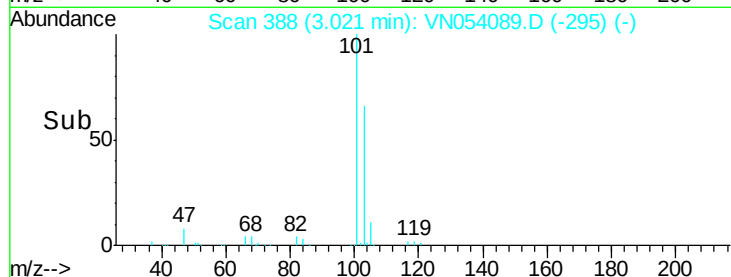
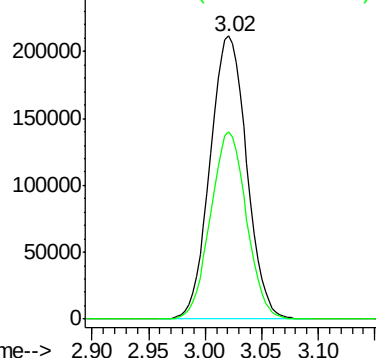
#7

Trichlorofluoromethane
Concen: 47.053 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tot Ion:101 Resp: 476543
Ion Ratio Lower Upper
101 100
103 66.1 51.9 77.9



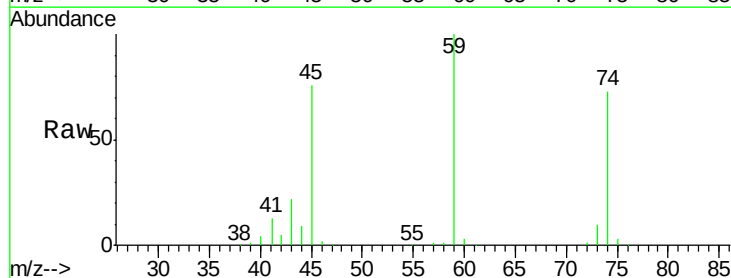
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



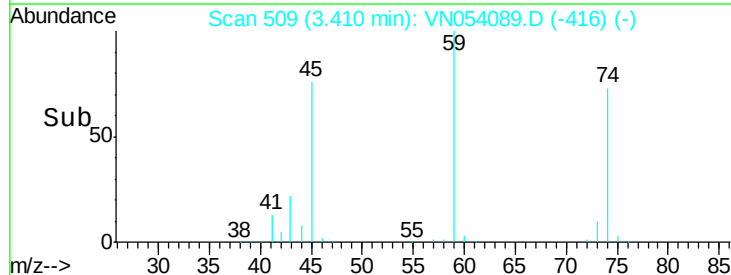
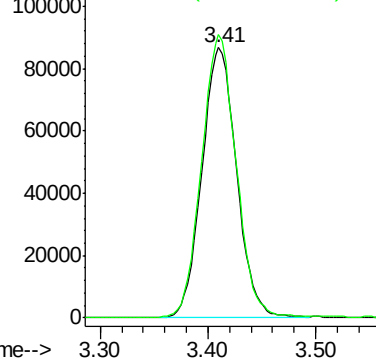
#8

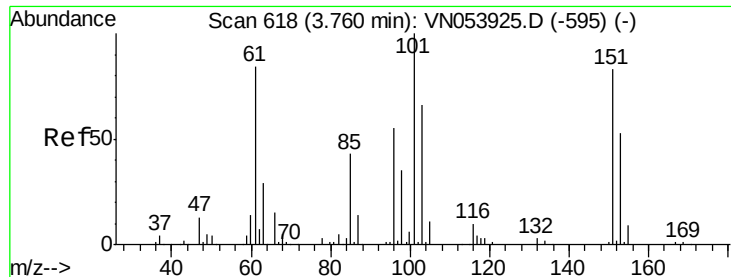
Diethyl Ether
Concen: 51.254 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 74 Resp: 194478
Ion Ratio Lower Upper
74 100
45 103.7 46.9 140.6



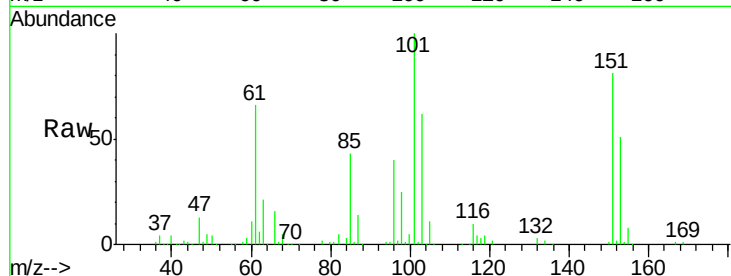
Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO



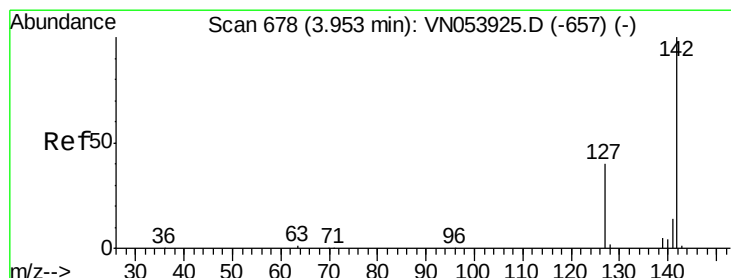
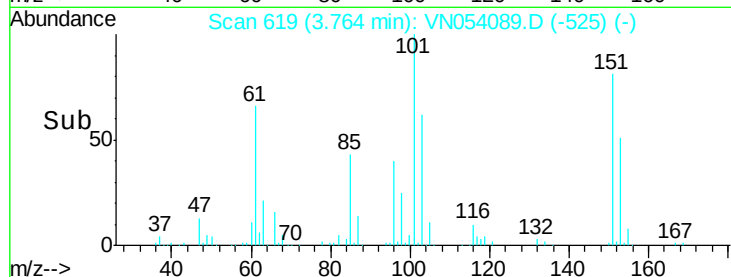
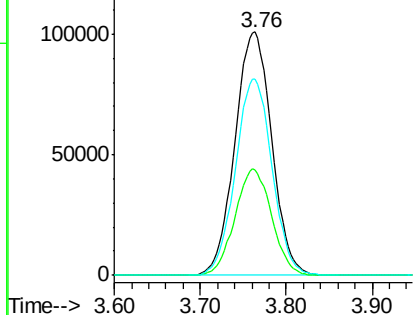


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.080 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	32.5	48.7
151	80.0	70.2	105.2

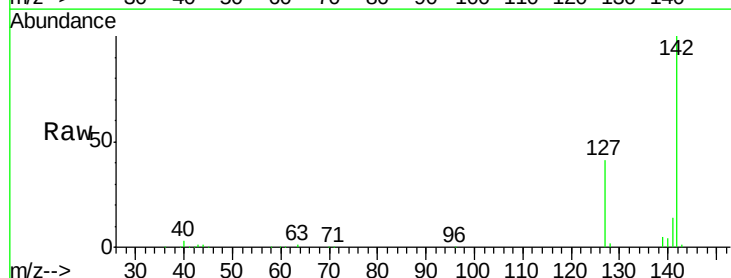


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

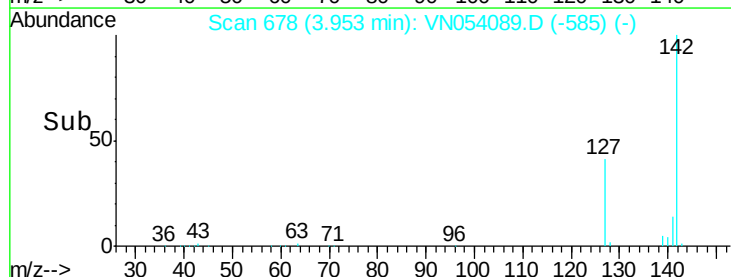
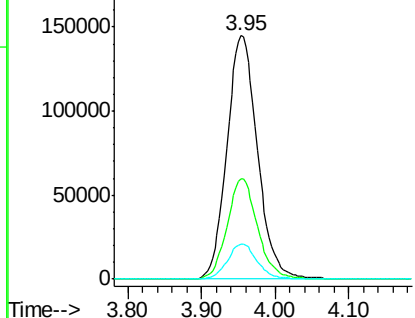


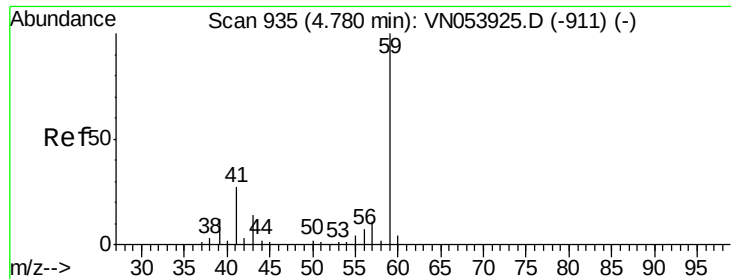
#10
 Methyl Iodide
 Concen: 49.738 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.2	31.0	46.4
141	14.1	11.3	16.9



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

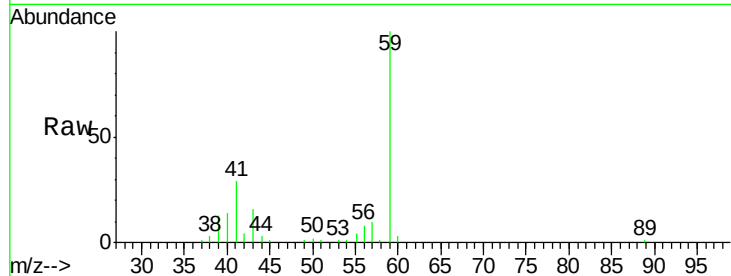




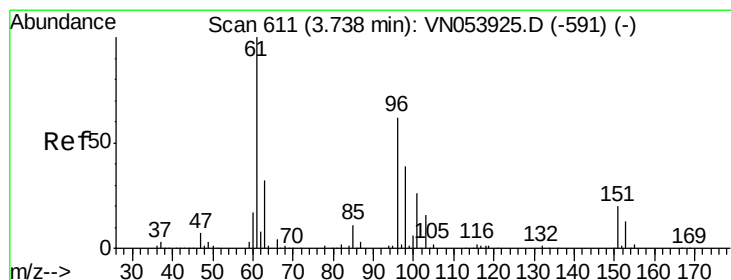
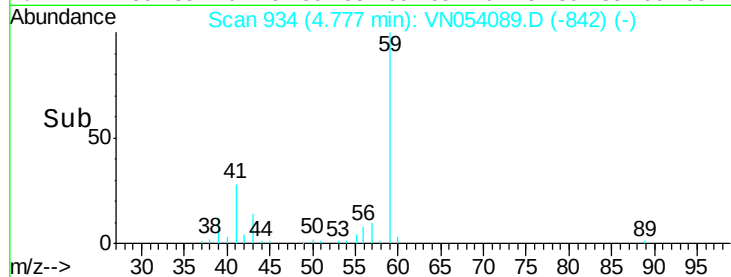
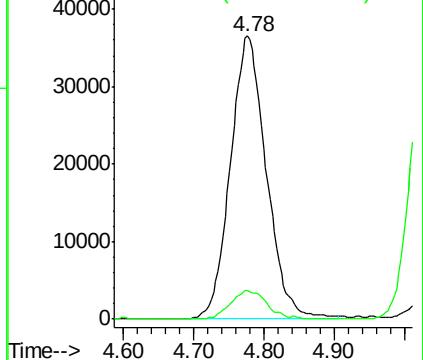
#11

Tert butyl alcohol
Concen: 282.142 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tot Ion: 59 Resp: 129952
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



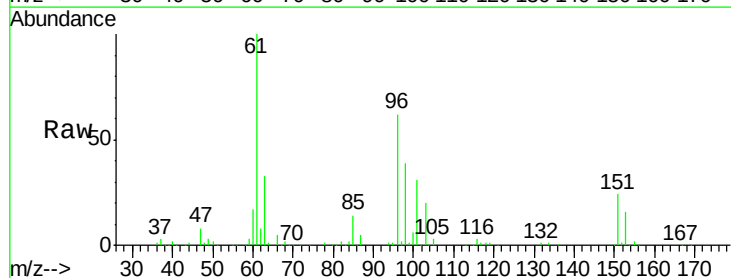
Abundance Ion 59.00 (58.70 to 59.70): VNO
Ion 57.00 (56.70 to 57.70): VNO



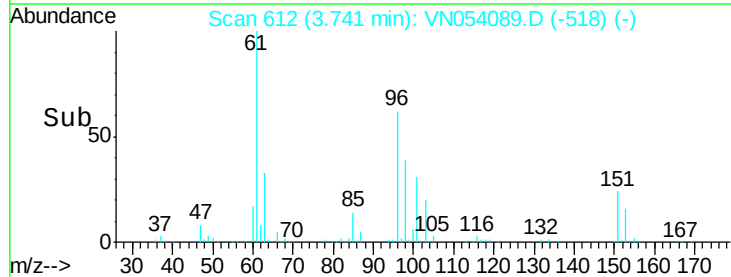
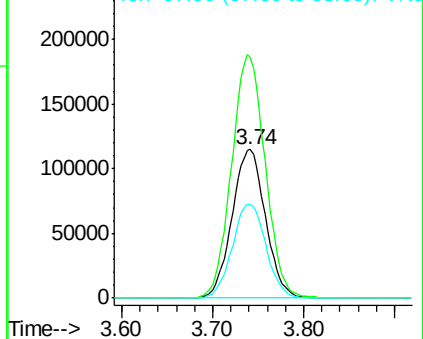
#12

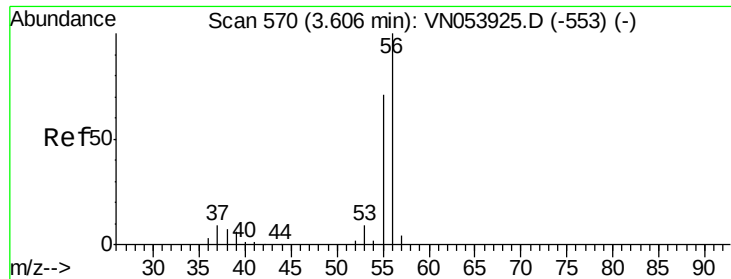
1,1-Dichloroethene
Concen: 47.866 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 96 Resp: 292866
Ion Ratio Lower Upper
96 100
61 162.5 121.0 181.4
98 63.1 52.2 78.2



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





#13

Acrolein

Concen: 155.418 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054089.D

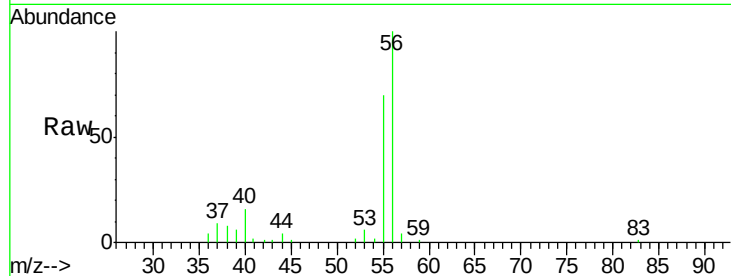
Acq: 5 Mar 2019 1:49

Tot Ion: 56 Resp: 74114

Ion Ratio Lower Upper

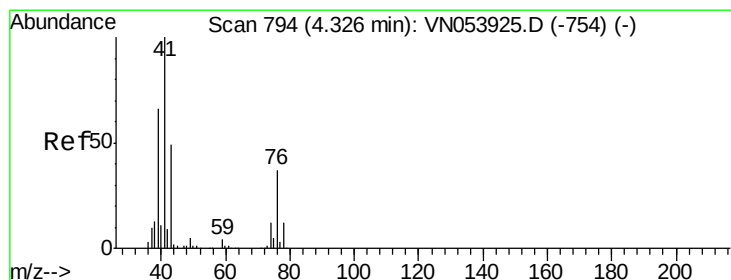
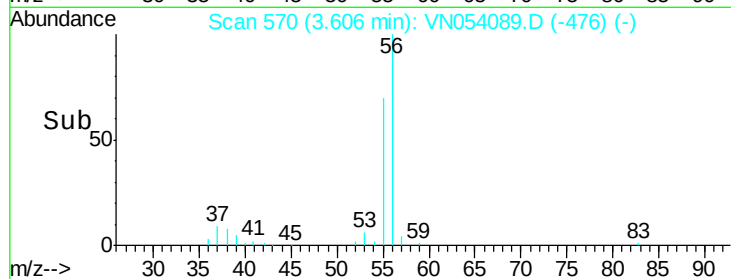
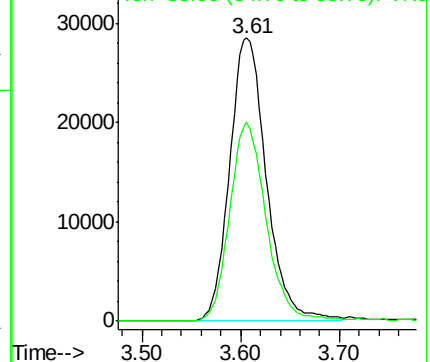
56 100

55 69.8 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.806 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

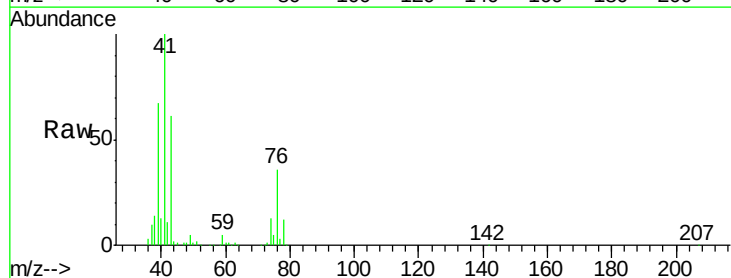
Tgt Ion: 41 Resp: 534485

Ion Ratio Lower Upper

41 100

39 64.0 48.8 73.2

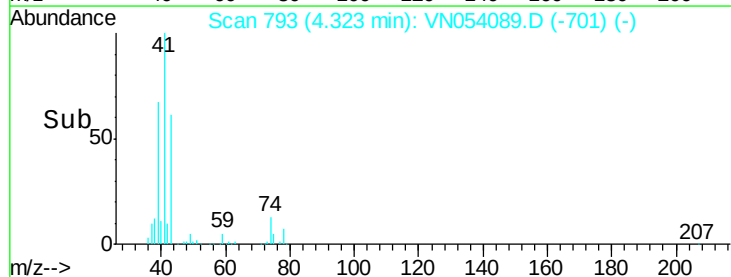
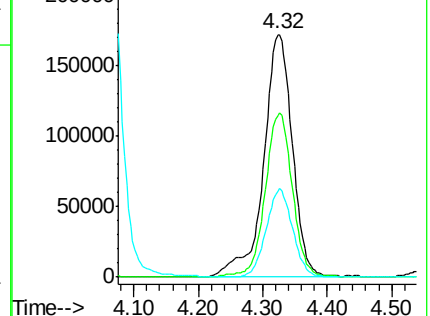
76 32.9 30.9 46.3

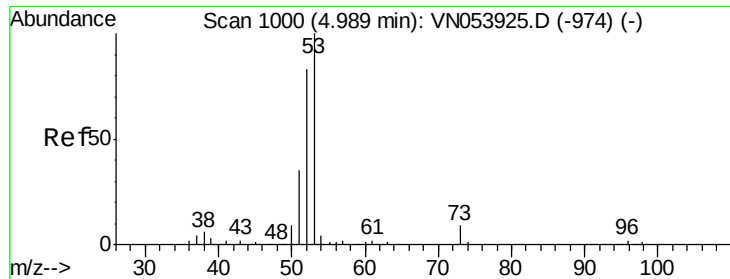


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

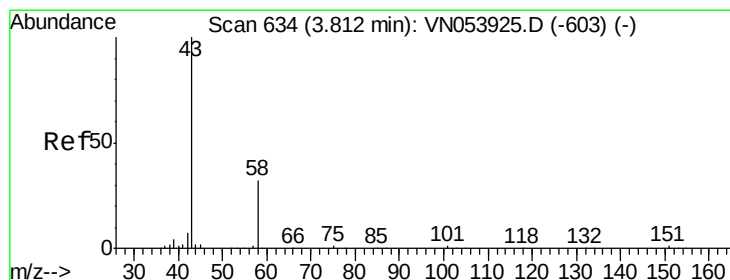
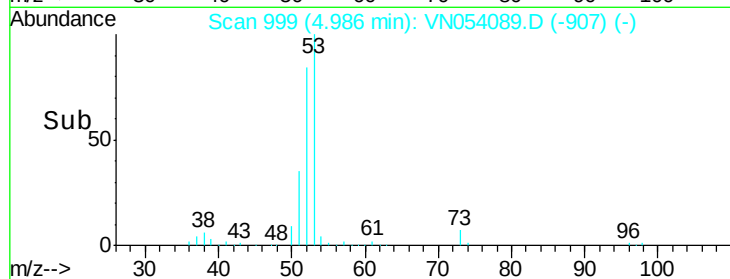
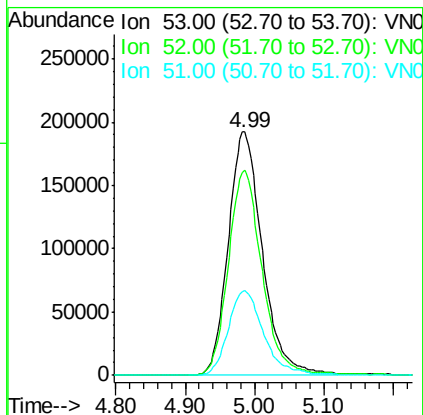
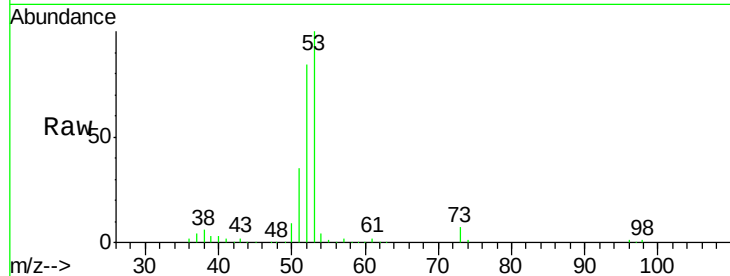
Ion 75.90 (75.60 to 76.60): VN0





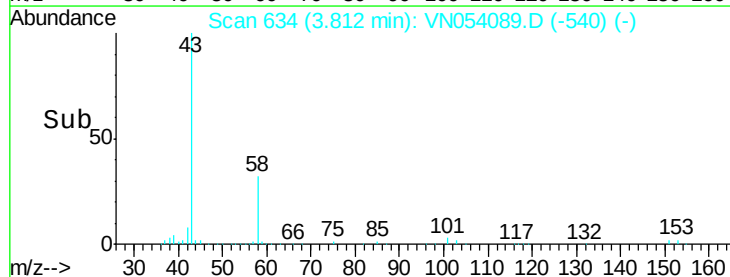
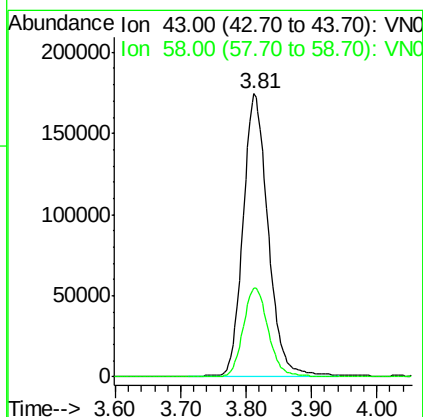
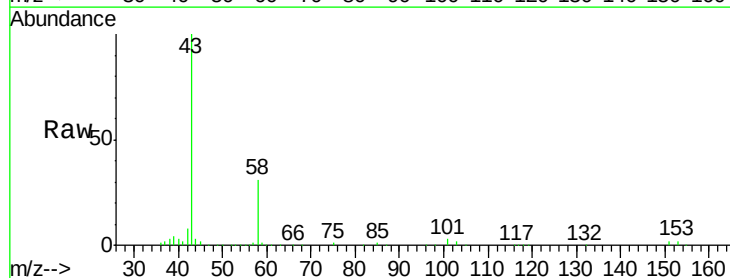
#15
 Acrylonitrile
 Concen: 272.030 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

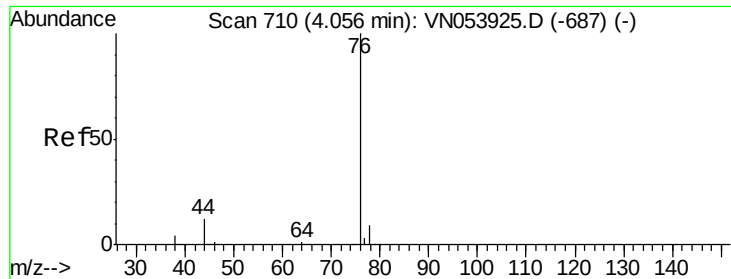
Tot Ion	53	Resp	660362
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.1	97.7
51	36.1	28.2	42.4



#16
 Acetone
 Concen: 241.871 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion	43	Resp	465941
Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.6	41.4





#17

Carbon Disulfide

Concen: 44.380 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN054089.D

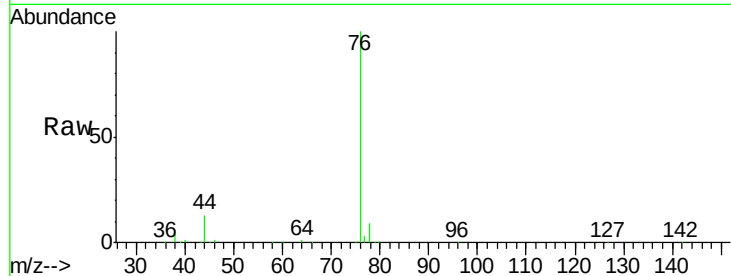
Acq: 5 Mar 2019 1:49

Tot Ion: 76 Resp: 875985

Ion Ratio Lower Upper

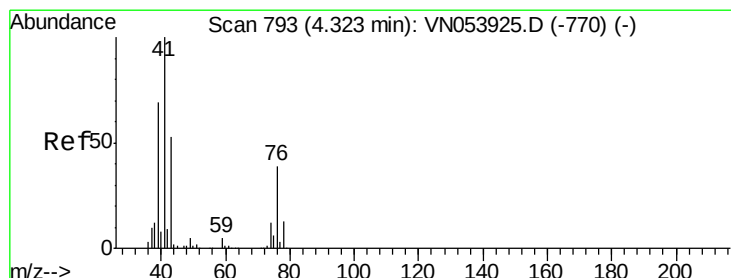
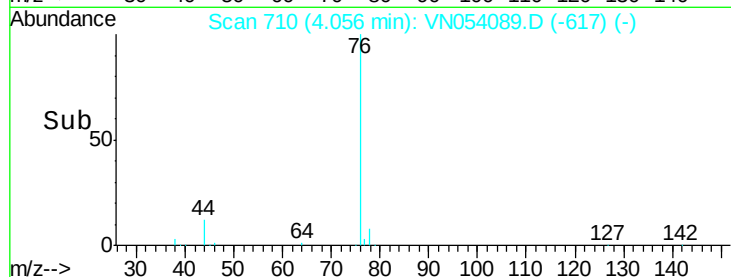
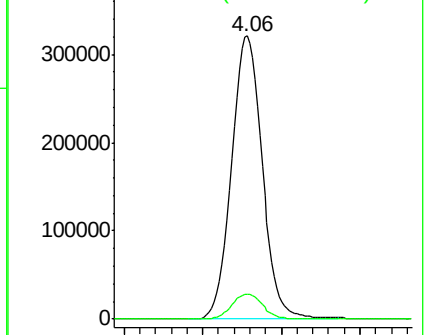
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 60.400 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN054089.D

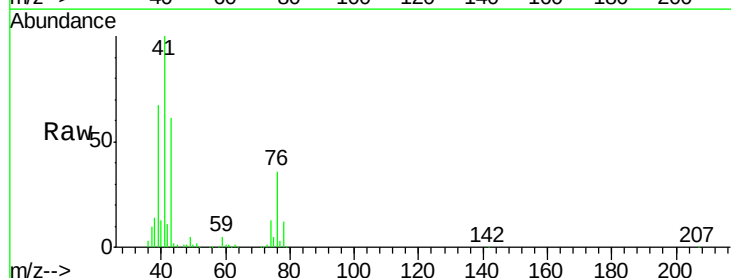
Acq: 5 Mar 2019 1:49

Tgt Ion: 43 Resp: 306851

Ion Ratio Lower Upper

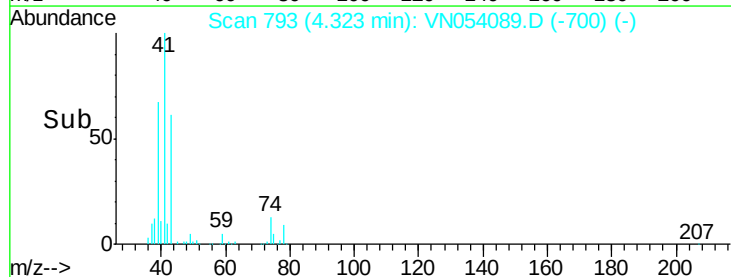
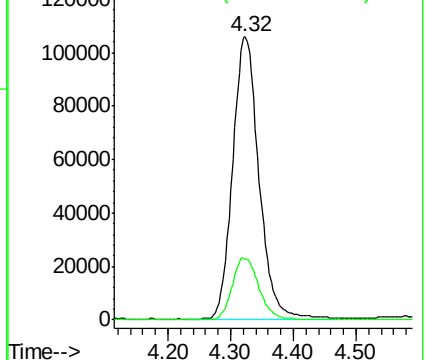
43 100

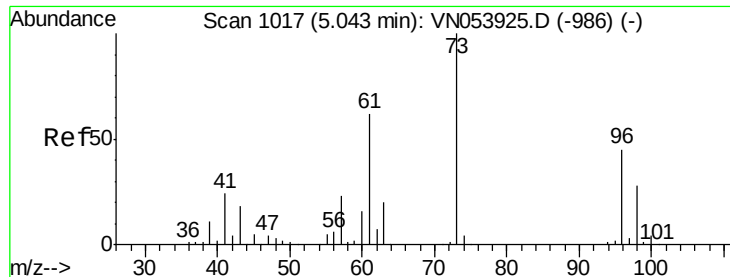
74 22.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

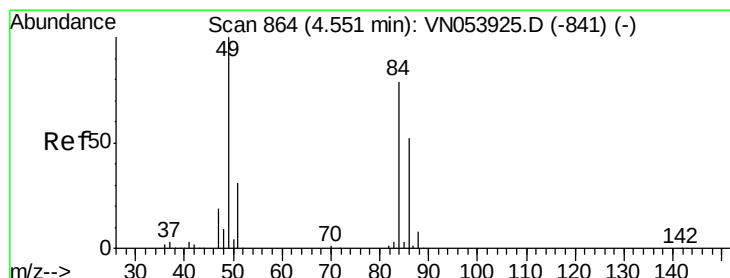
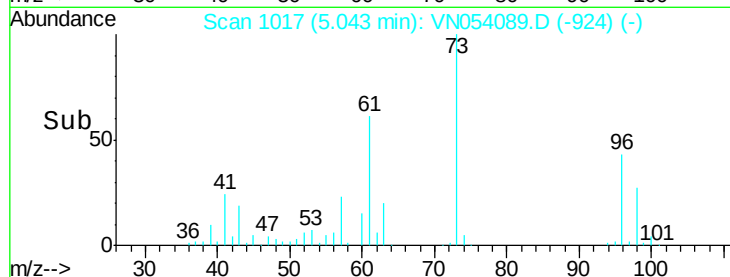
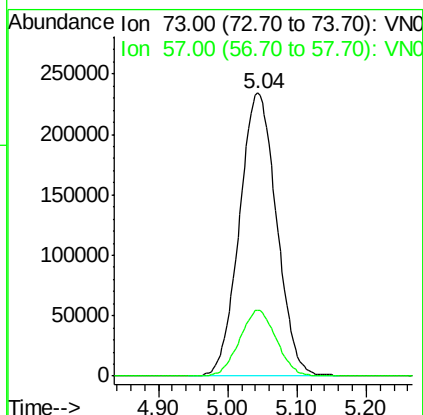
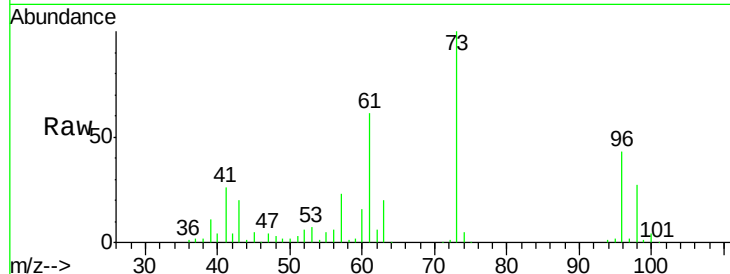




#19

Methyl tert-butyl Ether
 Concen: 53.190 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

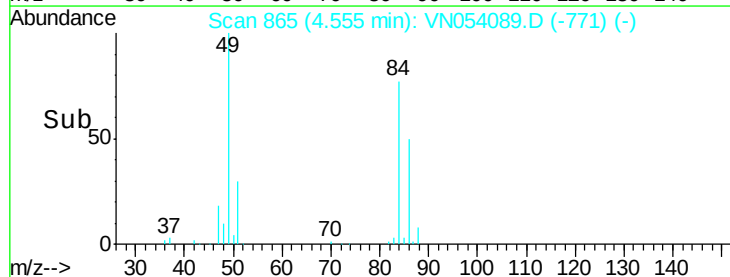
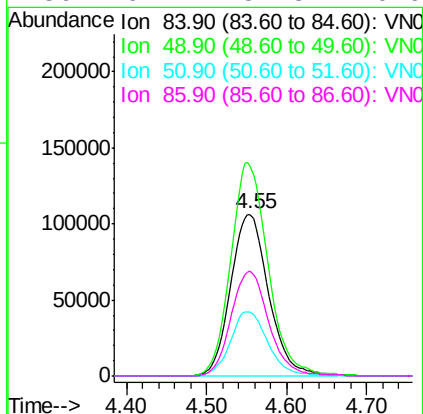
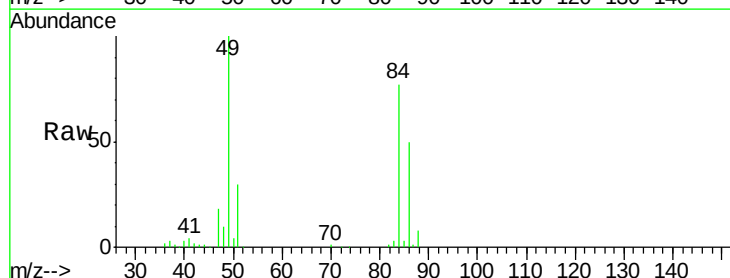
Tot Ion: 73 Resp: 873015
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.0 27.0

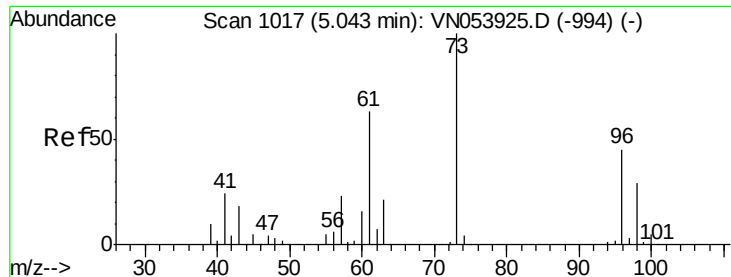


#20

Methylene Chloride
 Concen: 47.597 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

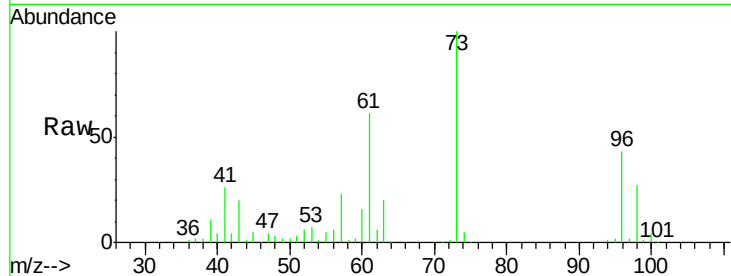
Tgt Ion: 84 Resp: 342266
 Ion Ratio Lower Upper
 84 100
 49 129.9 89.7 134.5
 51 39.5 27.8 41.8
 86 64.7 51.3 76.9



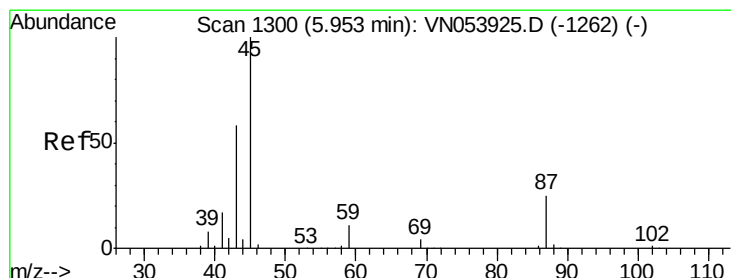
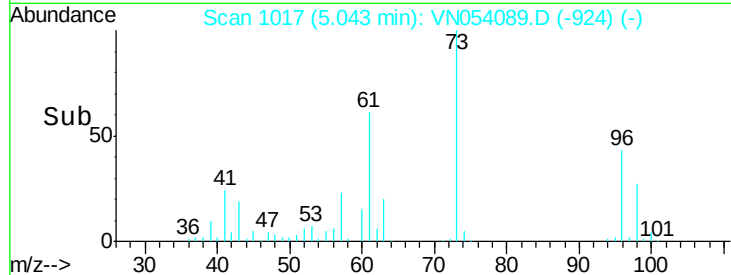
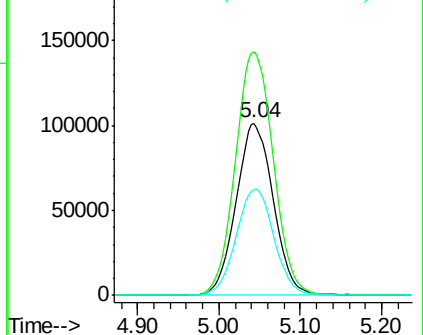


#21
trans-1,2-Dichloroethene
Concen: 48.256 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tot Ion: 96 Resp: 319559
Ion Ratio Lower Upper
96 100
61 141.4 104.5 156.7
98 61.5 50.6 76.0

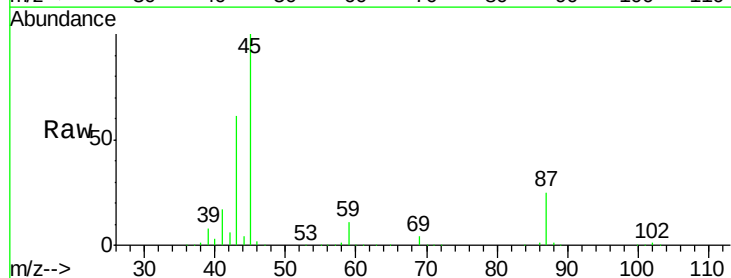


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

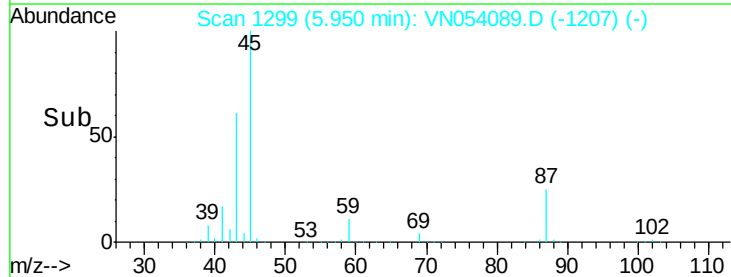
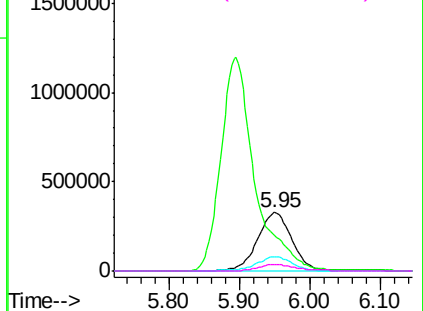


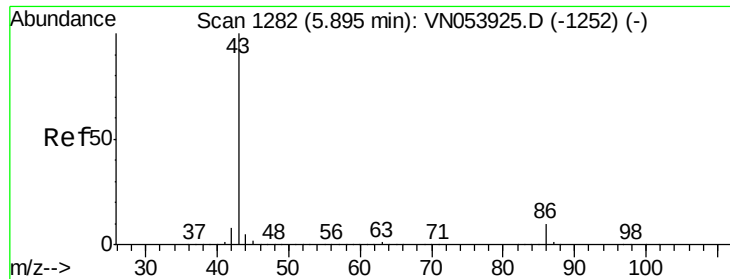
#22
Diisopropyl ether
Concen: 53.817 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 45 Resp: 1114172
Ion Ratio Lower Upper
45 100
43 60.1 46.2 69.4
87 24.3 23.4 35.0
59 11.1 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

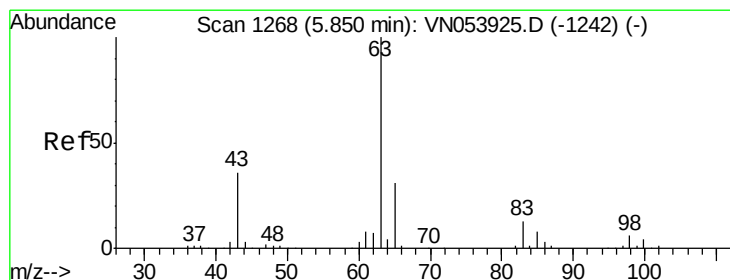
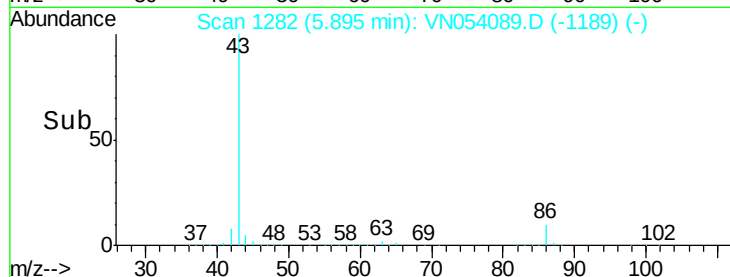
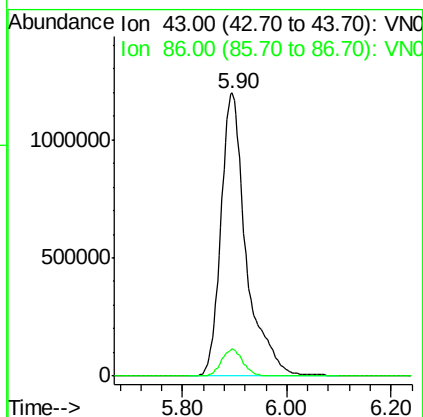
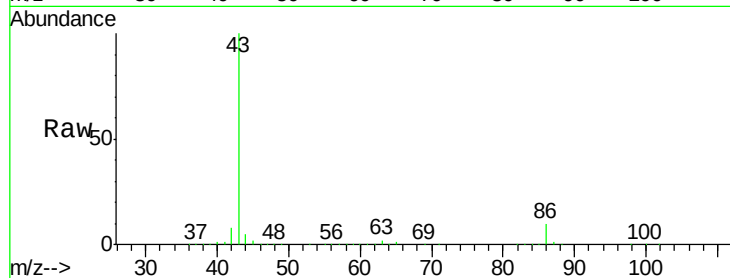




#23
 Vinyl Acetate
 Concen: 270.579 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tot Ion: 43 Resp: 4029777

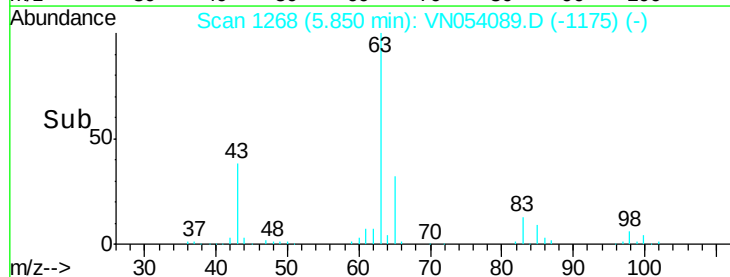
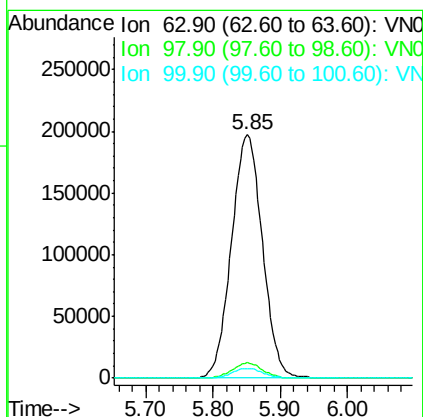
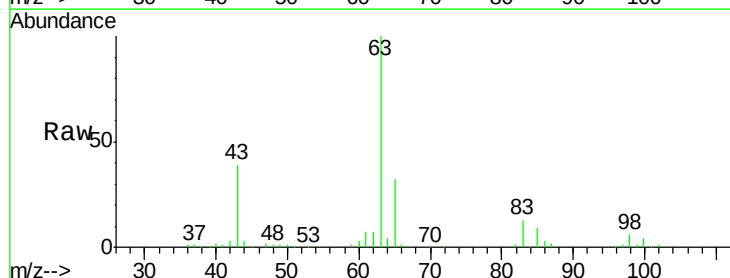
Ion	Ratio	Lower	Upper
43	100		
86	9.6	9.1	13.7

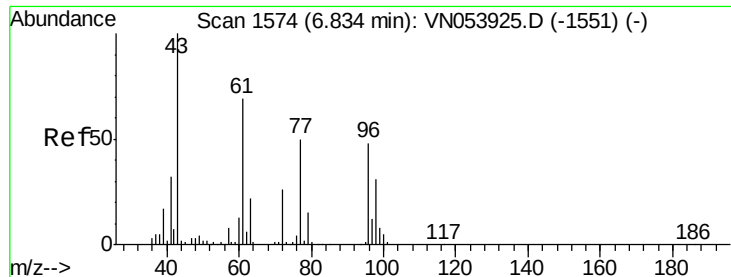


#24
 1,1-Dichloroethane
 Concen: 49.692 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion: 63 Resp: 630877

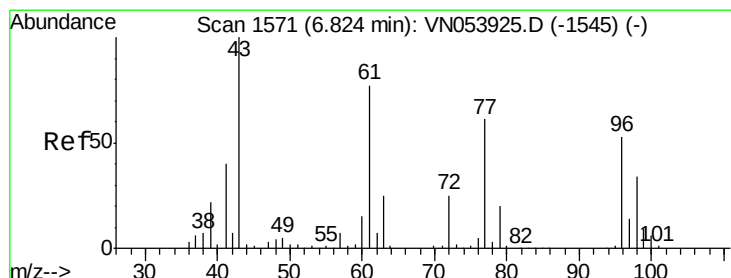
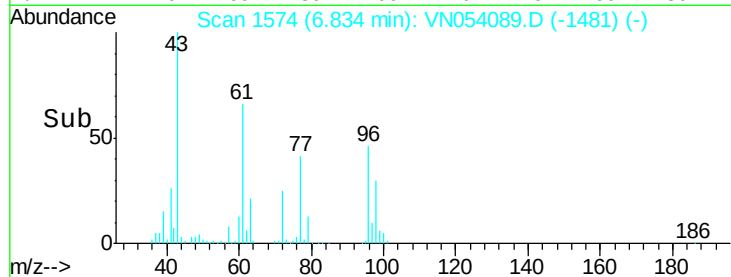
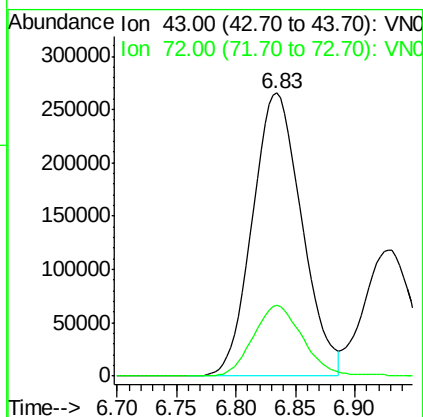
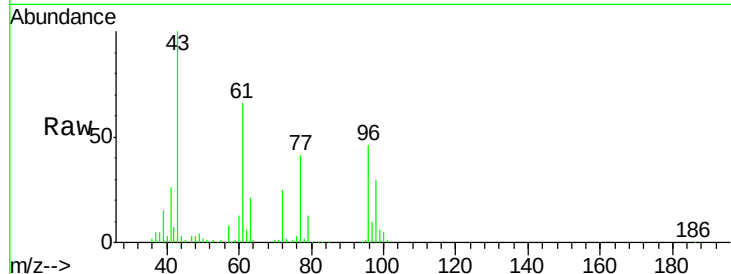
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.2
100	3.9	2.2	6.6





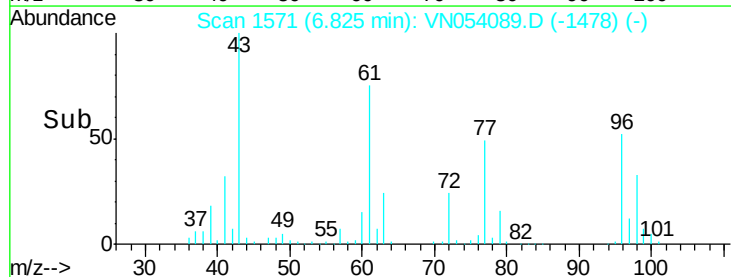
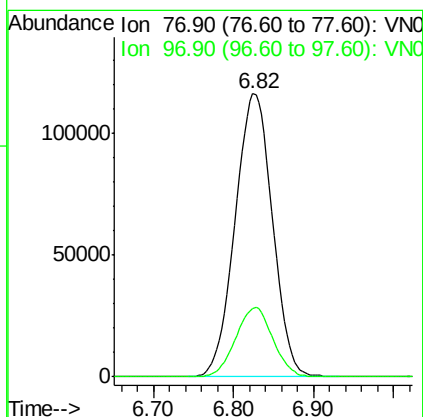
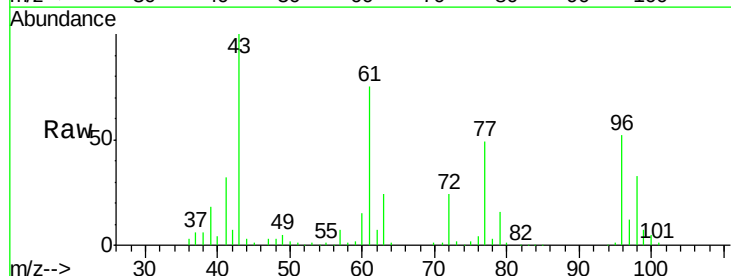
#25
 2-Butanone
 Concen: 266.930 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

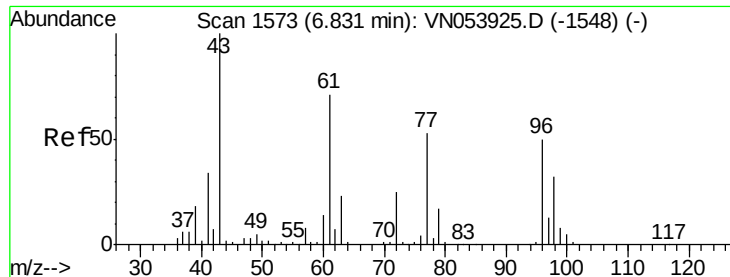
Tot Ion: 43 Resp: 761499
 Ion Ratio Lower Upper
 43 100
 72 25.2 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 40.749 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion: 77 Resp: 367550
 Ion Ratio Lower Upper
 77 100
 97 24.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 49.813 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

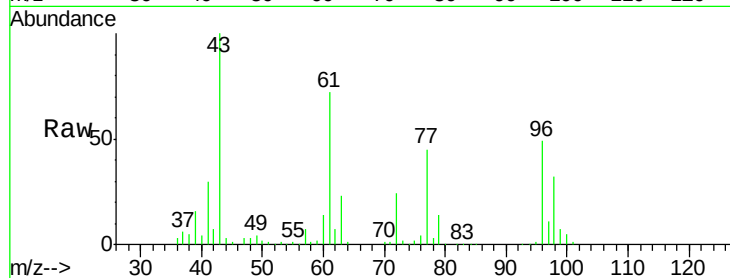
Tot Ion: 96 Resp: 366860

Ion Ratio Lower Upper

96 100

61 145.8 0.0 275.6

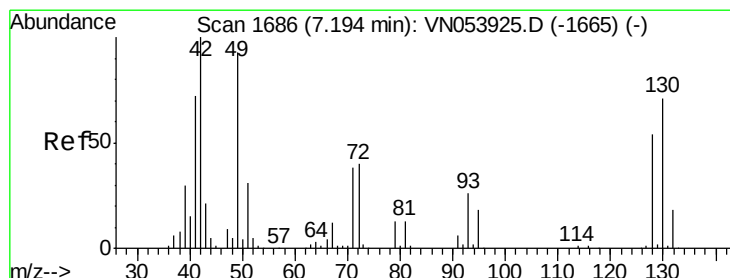
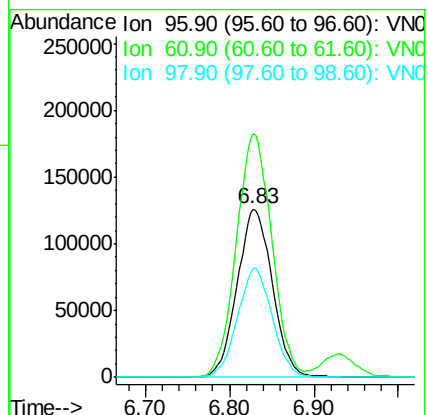
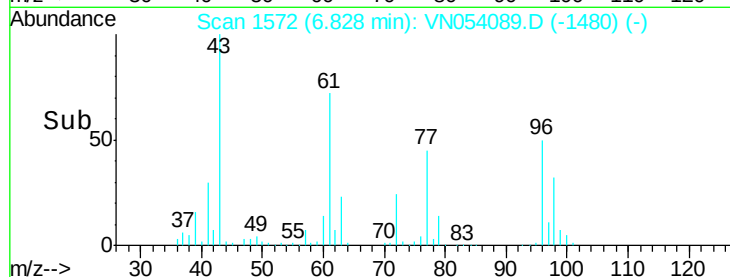
98 64.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN054089.D (-1548) (-)

Ion 60.90 (60.60 to 61.60): VN054089.D (-1548) (-)

Ion 97.90 (97.60 to 98.60): VN054089.D (-1548) (-)



#28

Bromochloromethane

Concen: 54.478 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

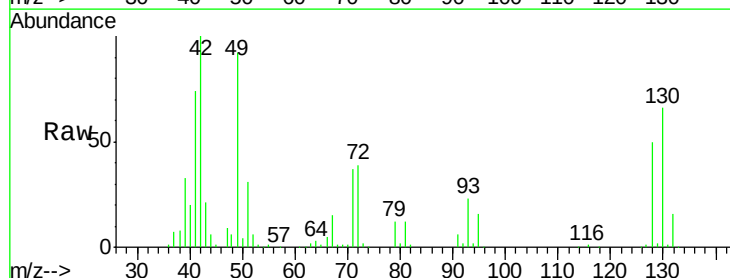
Tgt Ion: 49 Resp: 316580

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

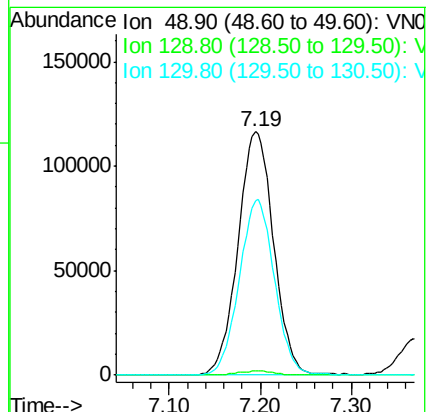
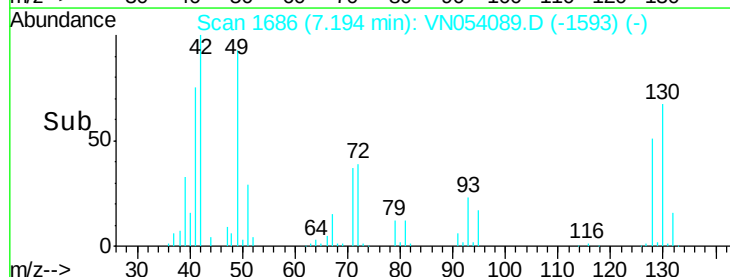
130 71.3 72.9 109.3#

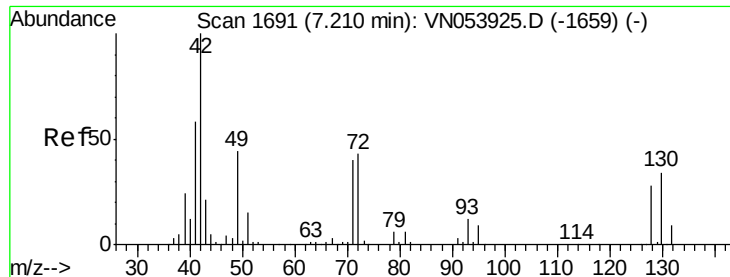


Abundance Ion 48.90 (48.60 to 49.60): VN054089.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN054089.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN054089.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 274.518 ug/l

RT: 7.21 min Scan# 1691

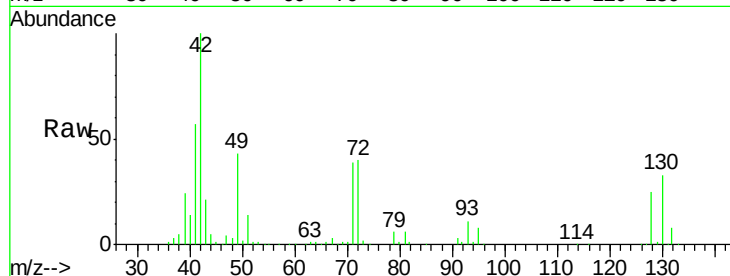
Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tot Ion: 42 Resp: 521523

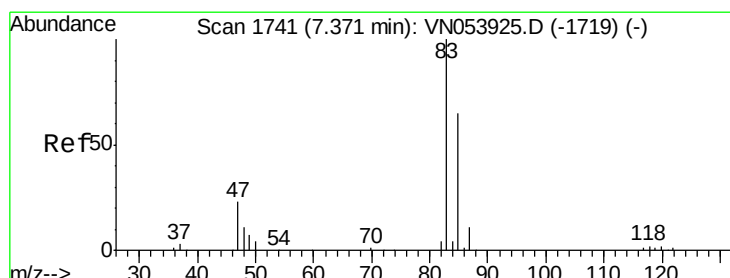
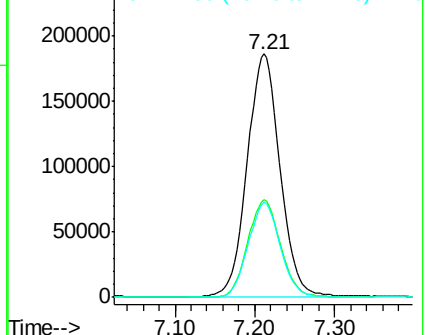
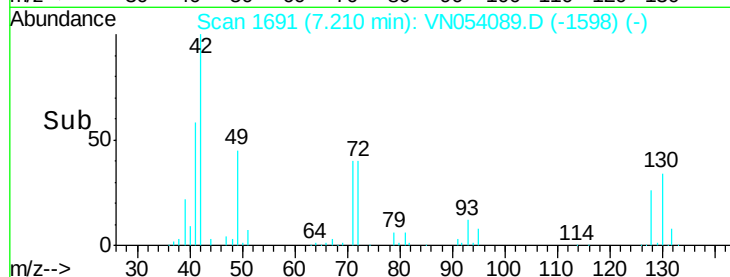
Ion	Ratio	Lower	Upper
42	100		
72	40.1	36.9	55.3
71	38.4	34.6	52.0



Abundance Ion 42.00 (41.70 to 42.70): VN054089.D (-1598) (-)

Ion 72.00 (71.70 to 72.70): VN054089.D (-1598) (-)

Ion 71.00 (70.70 to 71.70): VN054089.D (-1598) (-)



#30

Chloroform

Concen: 49.937 ug/l

RT: 7.37 min Scan# 1741

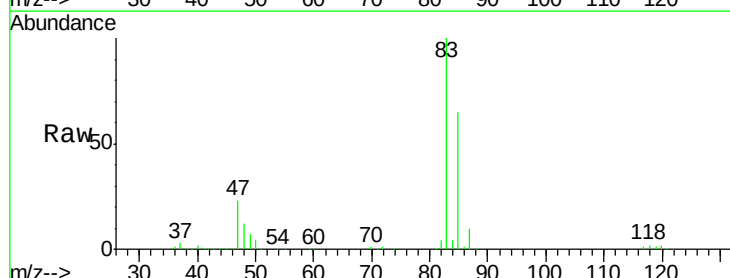
Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

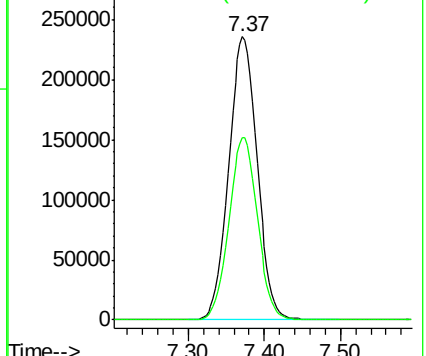
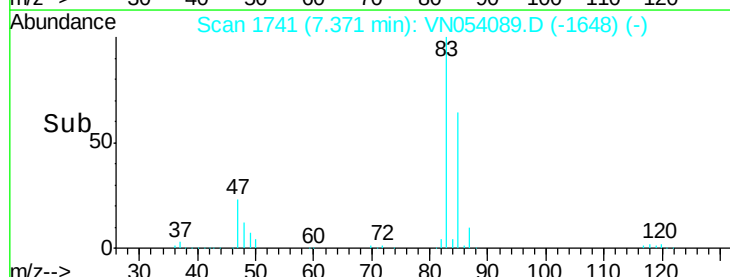
Tgt Ion: 83 Resp: 614749

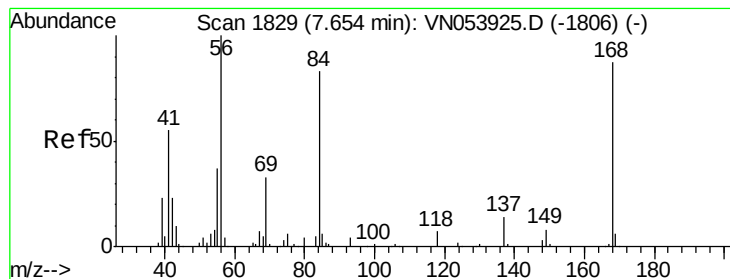
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	78.8



Abundance Ion 82.90 (82.60 to 83.60): VN054089.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN054089.D (-1648) (-)





#31

Cyclohexane

Concen: 49.420 ug/l

RT: 7.65 min Scan# 1829

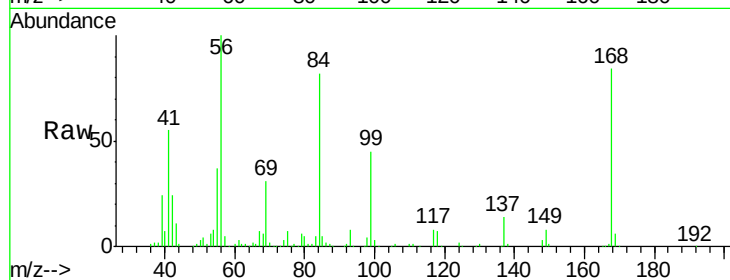
Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tot Ion: 56 Resp: 574244

Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.0	39.0
84	80.8	69.1	103.7

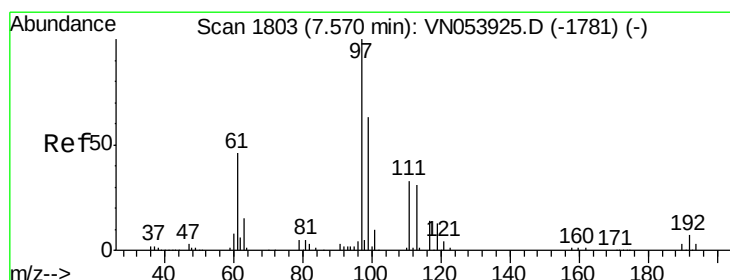
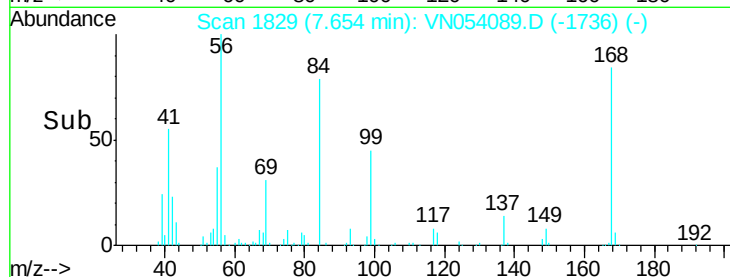
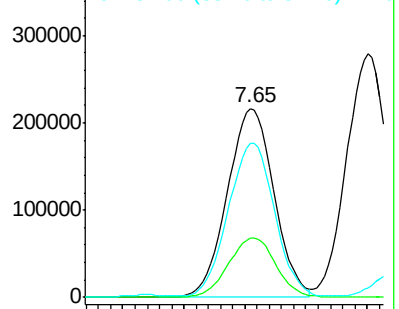


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.312 ug/l

RT: 7.57 min Scan# 1803

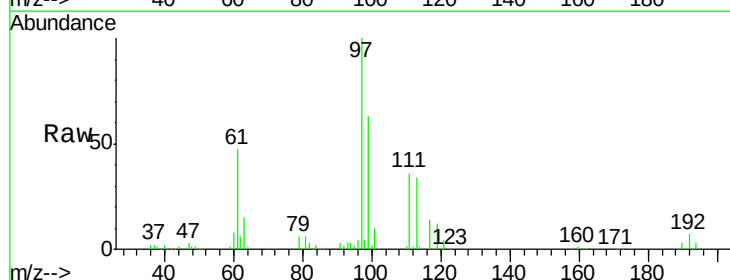
Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tgt Ion: 97 Resp: 500537

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	46.9	33.2	49.8

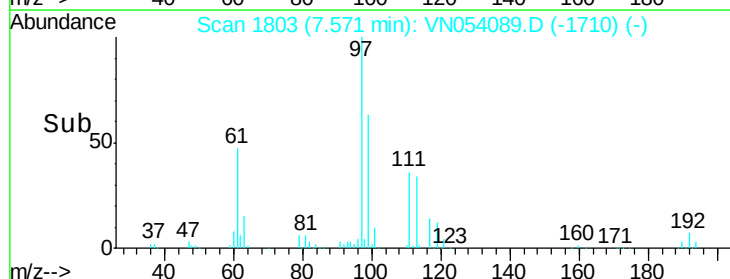
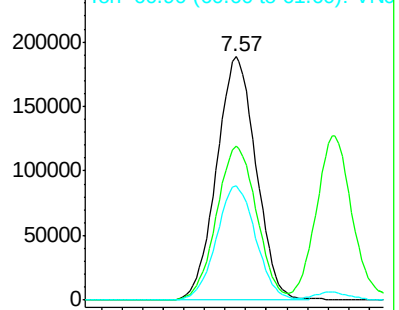


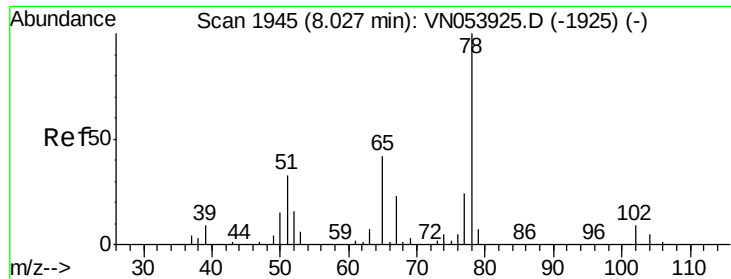
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.153 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054089.D

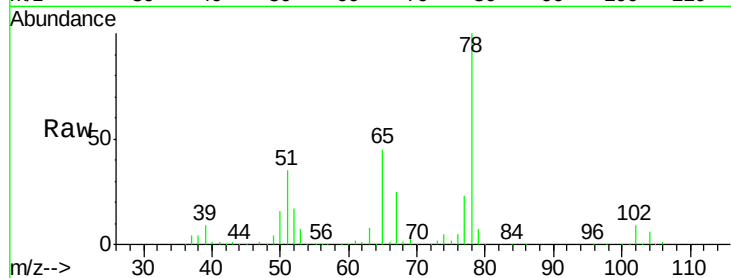
Acq: 5 Mar 2019 1:49

Tot Ion: 65 Resp: 386186

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

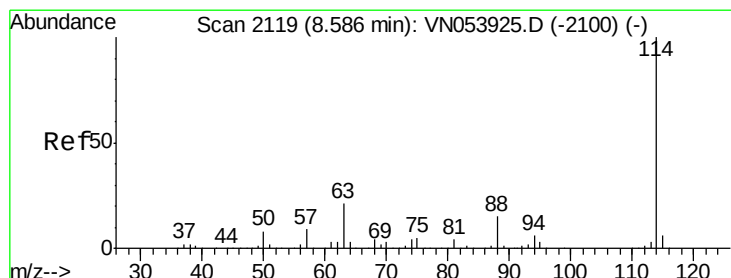
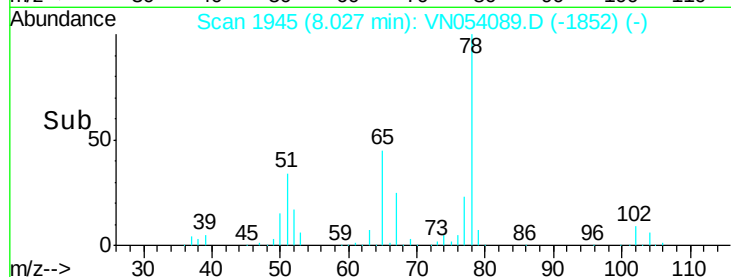
100000

50000

0

Time-->

7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

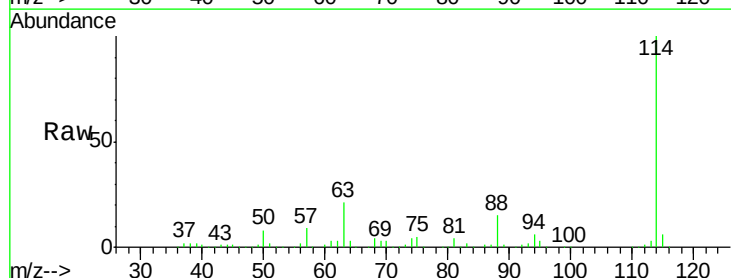
Tgt Ion: 114 Resp: 998132

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

300000

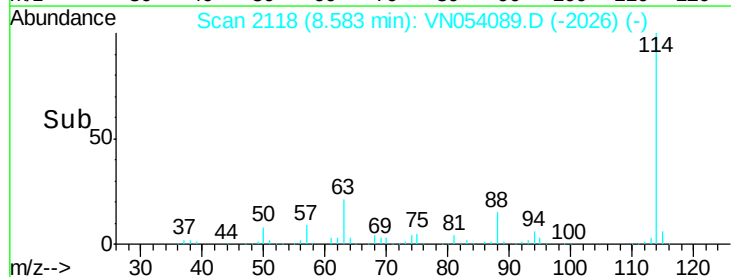
200000

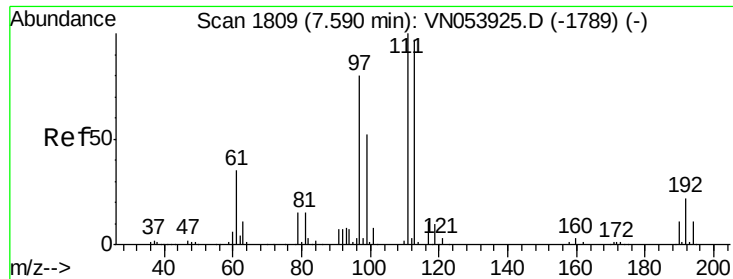
100000

0

Time-->

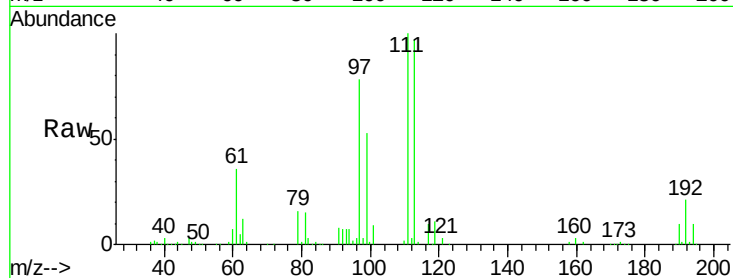
8.50 8.60 8.70 8.80



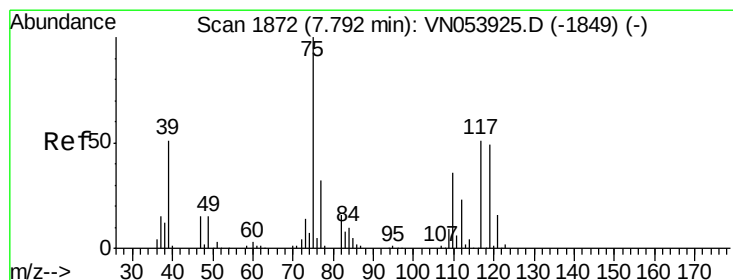
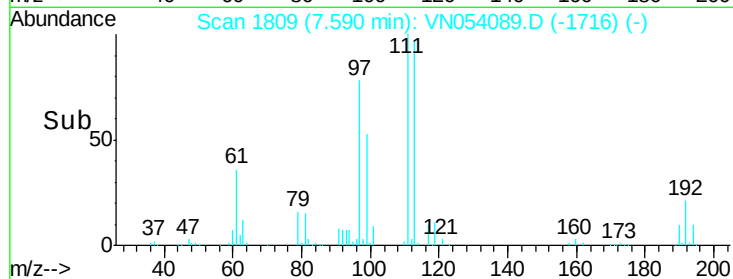
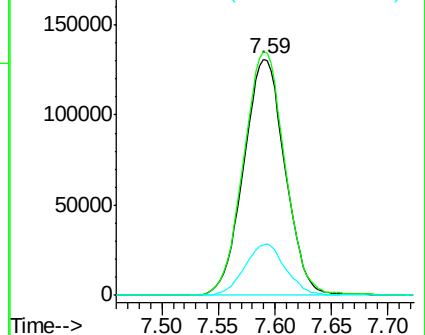


#35
 Dibromofluoromethane
 Concen: 51.430 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.1	121.7
192	21.5	18.8	28.2

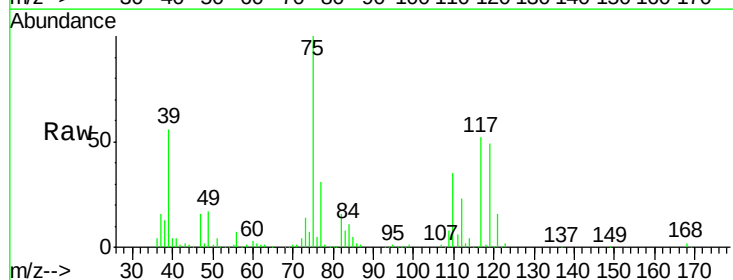


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

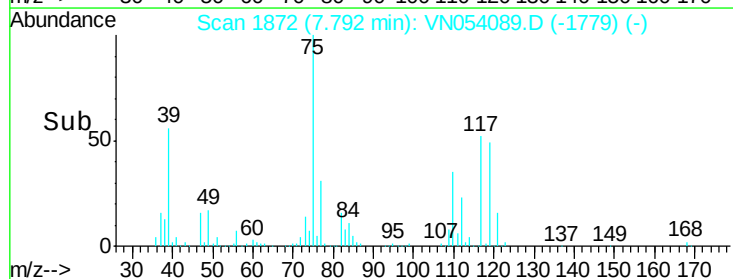
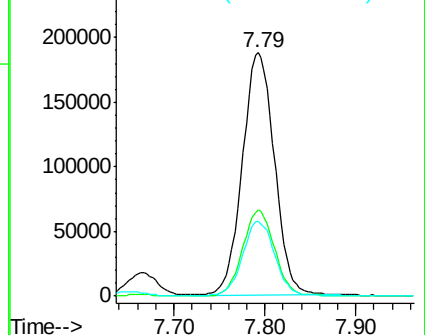


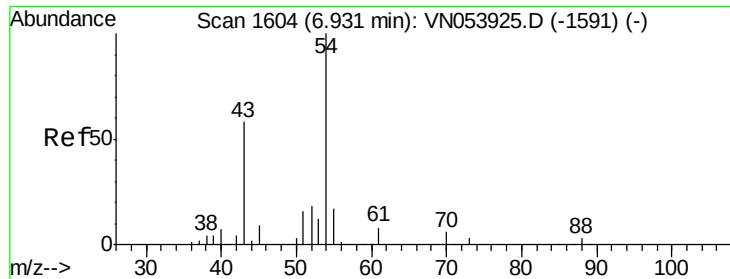
#36
 1,1-Dichloropropene
 Concen: 49.567 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	19.0	57.0
77	31.1	25.4	38.0



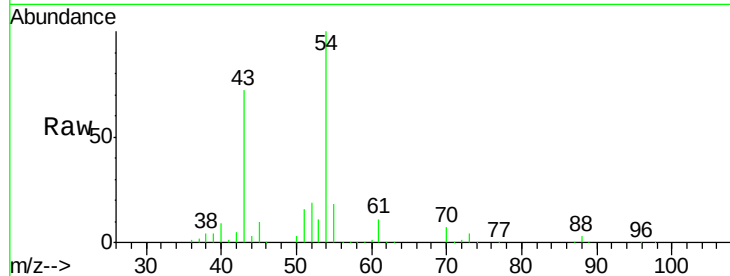
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



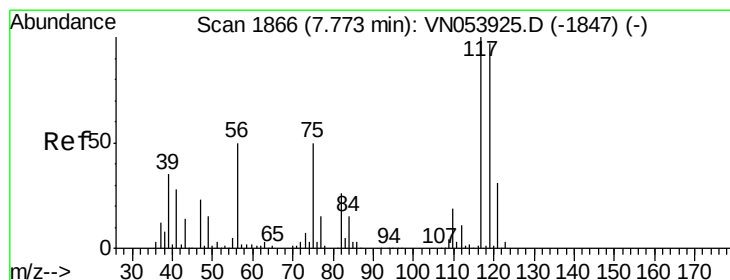
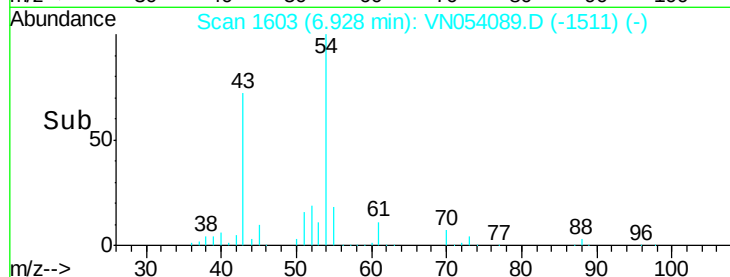
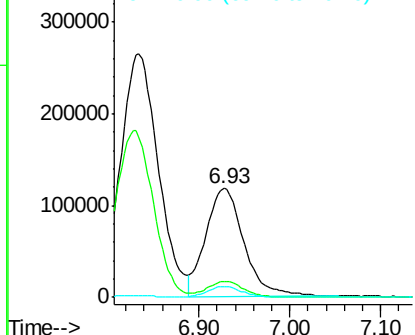


#37
Ethyl Acetate
Concen: 51.980 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tot Ion: 43 Resp: 344517
Ion Ratio Lower Upper
43 100
61 13.5 12.0 18.0
70 9.0 8.7 13.1

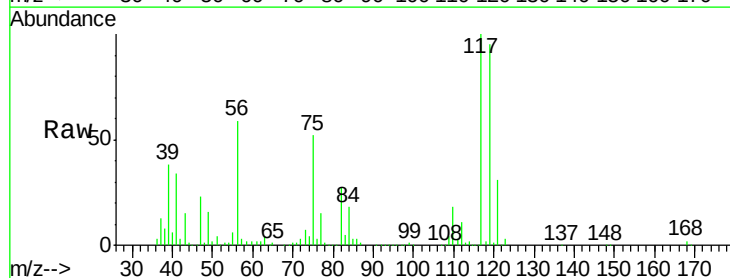


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

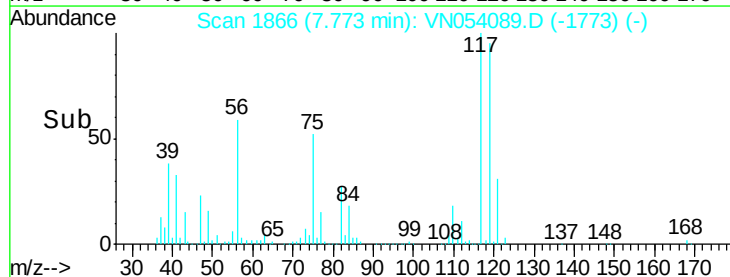
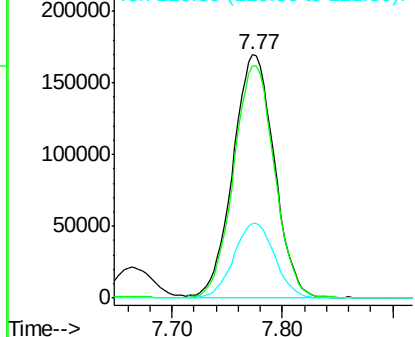


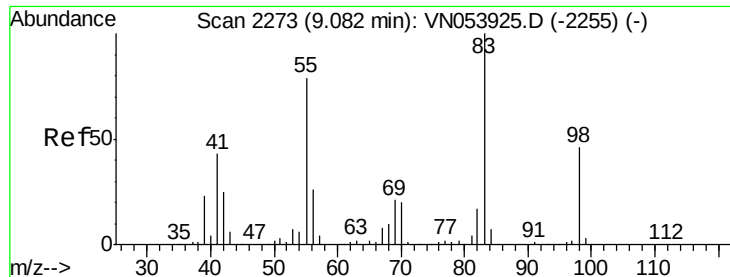
#38
Carbon Tetrachloride
Concen: 45.382 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 117 Resp: 438112
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 30.7 24.6 36.8



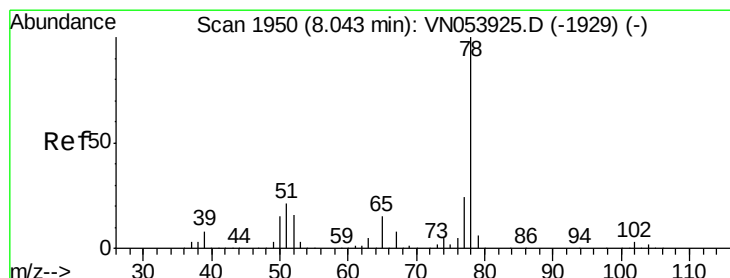
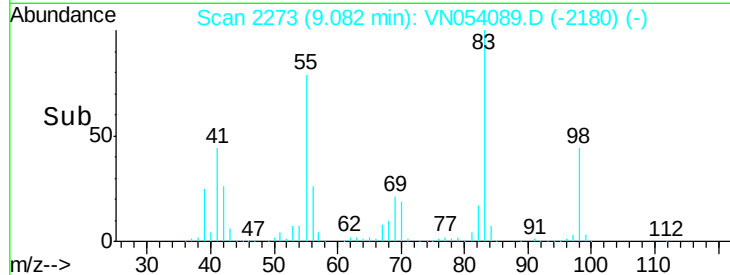
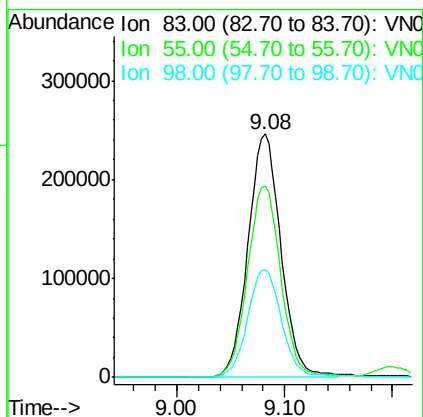
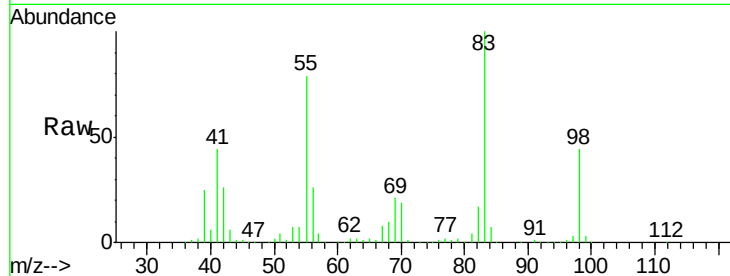
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





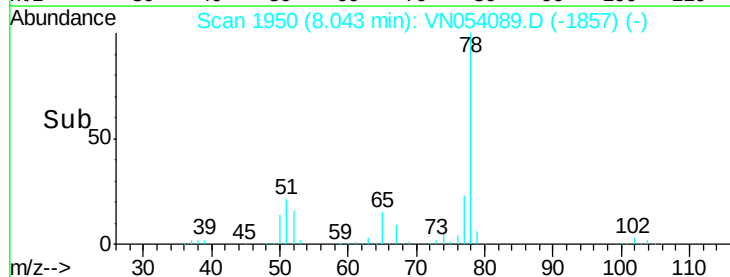
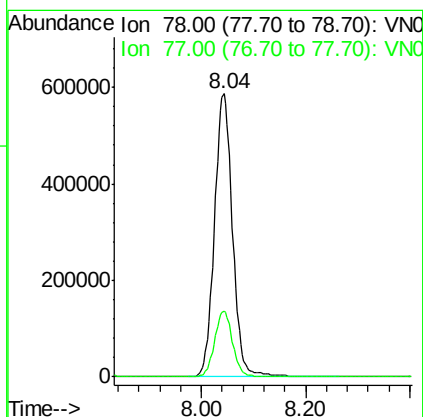
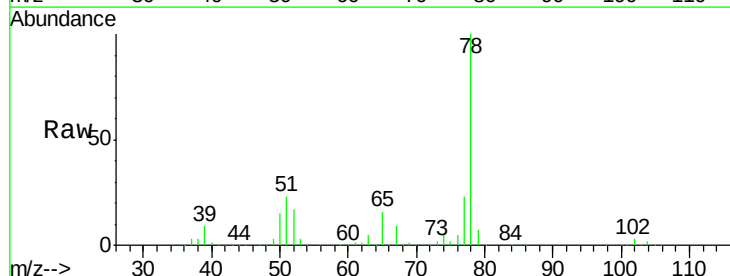
#39
Methylvlcyclohexane
Concen: 46.676 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

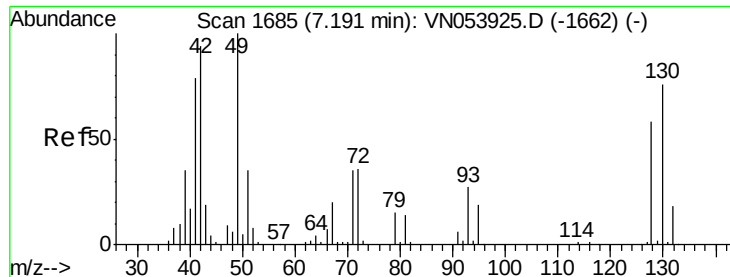
Tot Ion: 83 Resp: 522212
Ion Ratio Lower Upper
83 100
55 78.7 58.2 87.4
98 44.2 37.2 55.8



#40
Benzene
Concen: 49.570 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 78 Resp: 1413514
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 39.428 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.02 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tot Ion: 41 Resp: 168270

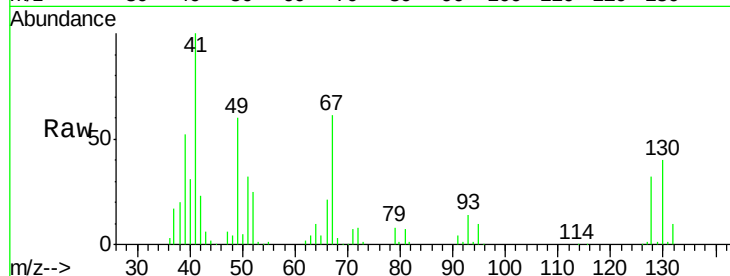
Ion Ratio Lower Upper

41 100

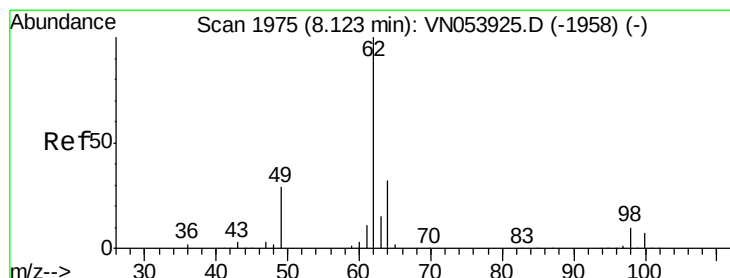
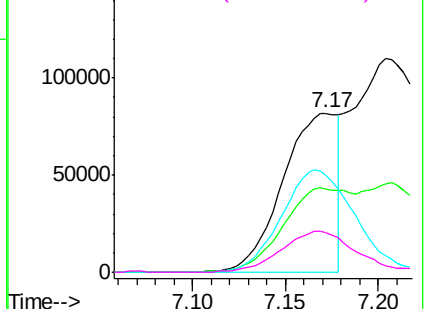
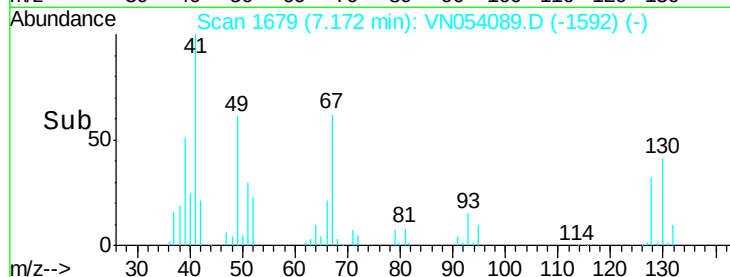
39 66.2 0.0 0.0#

67 87.6 0.0 0.0#

52 35.9 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VN054089.D (-1592) (-)



#42

1,2-Dichloroethane

Concen: 50.517 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN054089.D

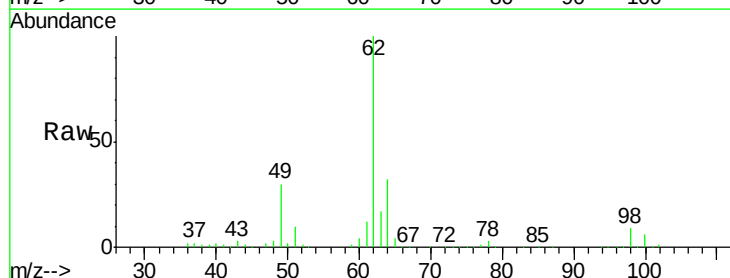
Acq: 5 Mar 2019 1:49

Tgt Ion: 62 Resp: 445977

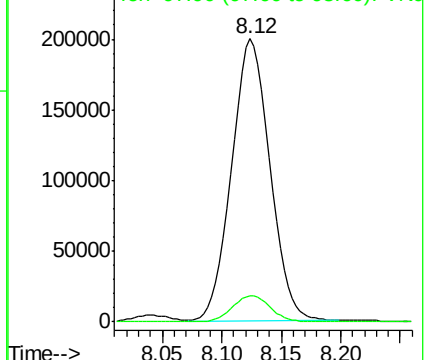
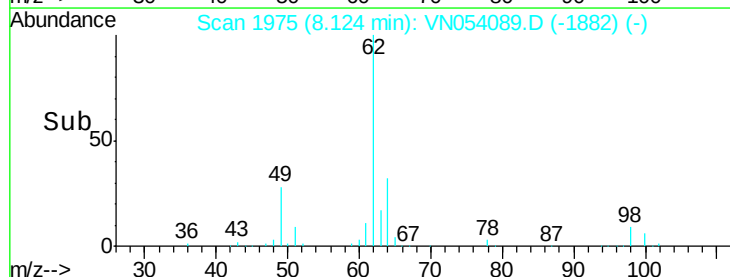
Ion Ratio Lower Upper

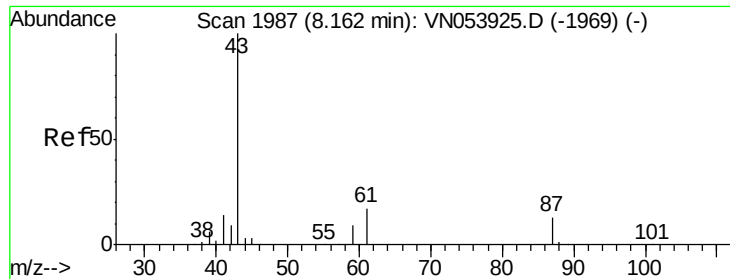
62 100

98 9.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN054089.D (-1882) (-)





#43

Isopropyl Acetate

Concen: 52.962 ug/l

RT: 8.16 min Scan# 1987

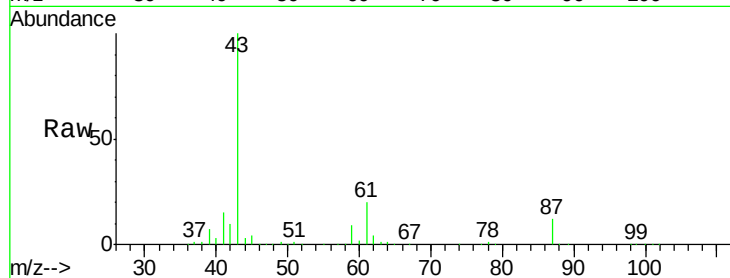
Delta R.T. 0.00 min

Lab File: VN054089.D

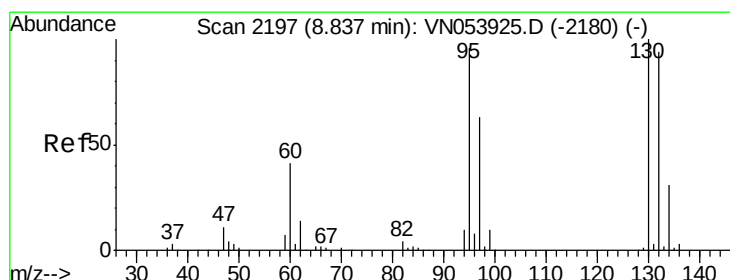
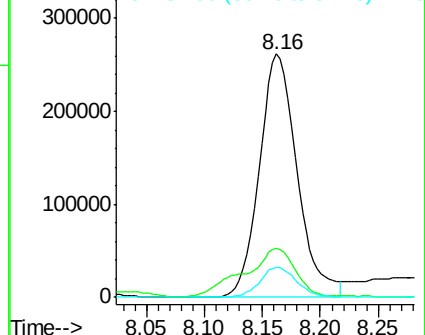
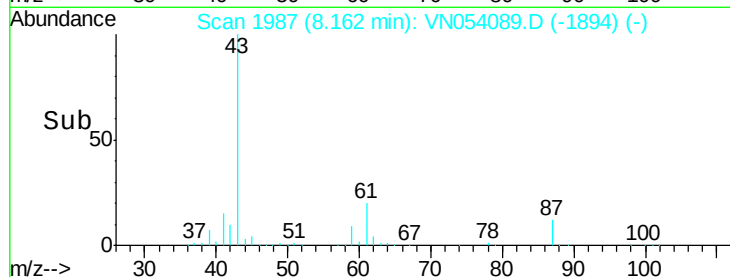
Acq: 5 Mar 2019 1:49

Tot Ion: 43 Resp: 592676

Ion	Ratio	Lower	Upper
43	100		
61	27.0	17.4	26.0#
87	12.1	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN054089.D (-1894) (-)



#44

Trichloroethene

Concen: 47.912 ug/l

RT: 8.83 min Scan# 2196

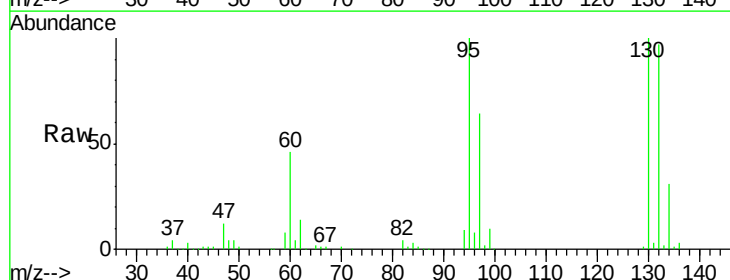
Delta R.T. -0.00 min

Lab File: VN054089.D

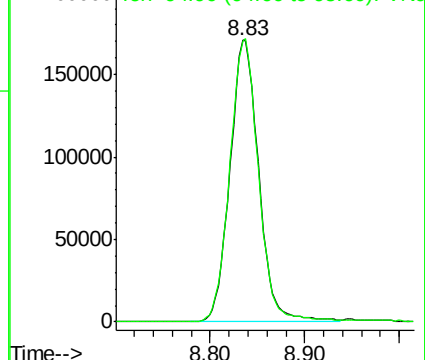
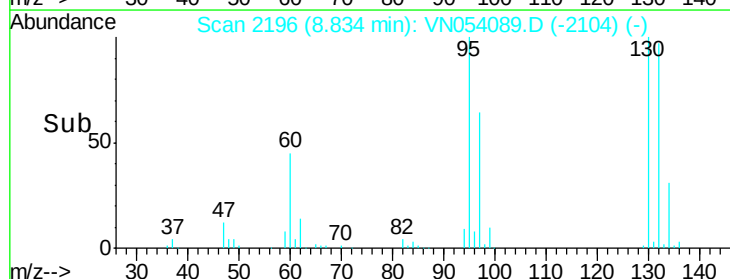
Acq: 5 Mar 2019 1:49

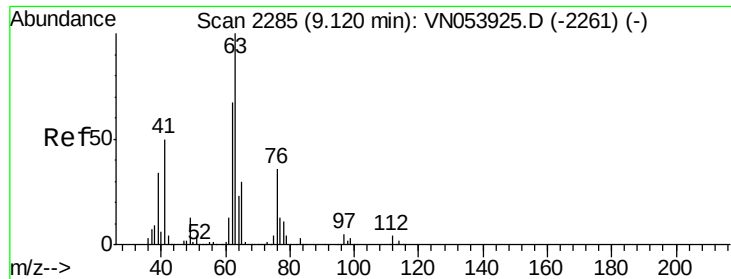
Tgt Ion: 130 Resp: 362207

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	190.0



Abundance Ion 129.80 (129.50 to 130.50): VN054089.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 50.375 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054089.D

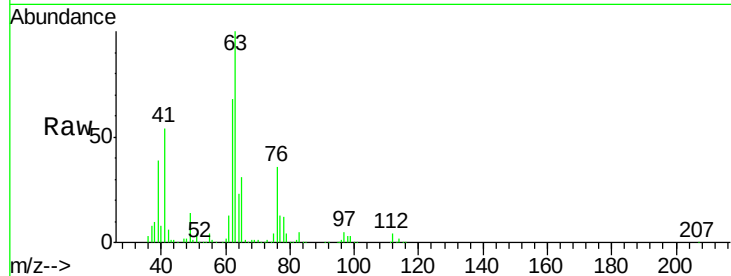
Acq: 5 Mar 2019 1:49

Tot Ion: 63 Resp: 387549

Ion Ratio Lower Upper

63 100

65 31.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

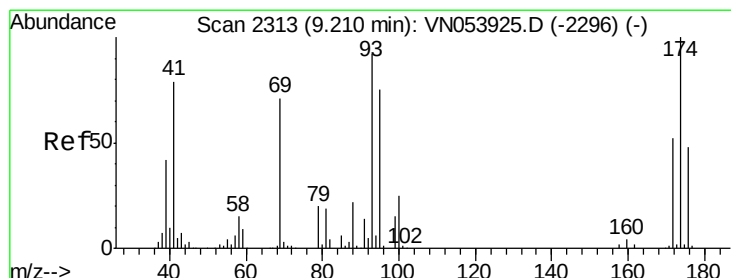
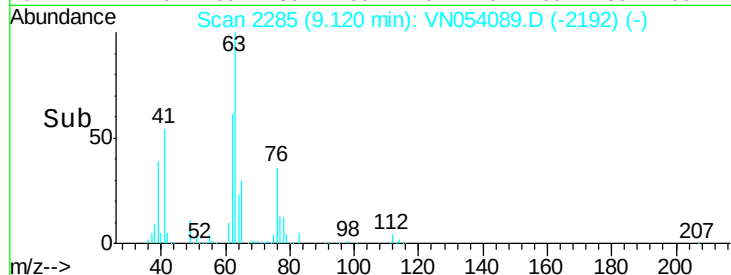
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 50.146 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

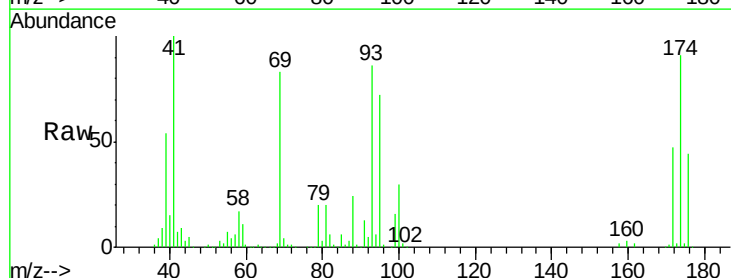
Tgt Ion: 93 Resp: 223974

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 105.4 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

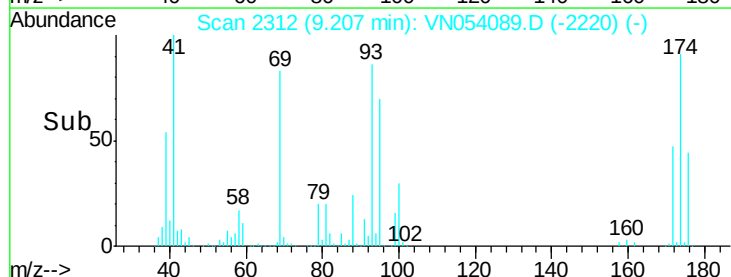
150000

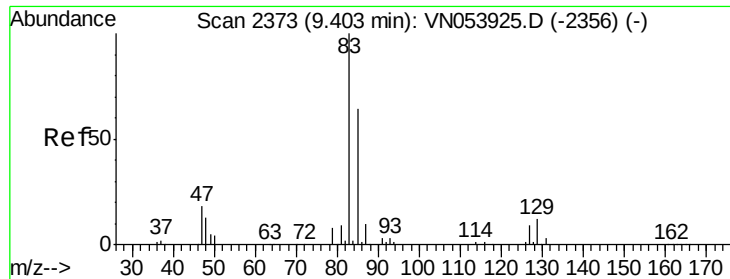
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.555 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

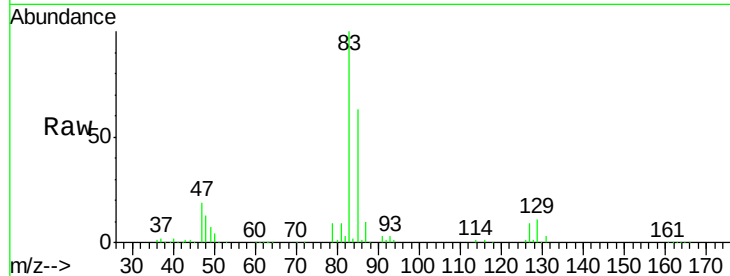
Tot Ion: 83 Resp: 475855

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

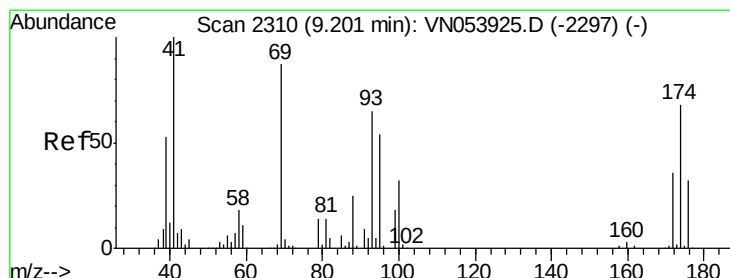
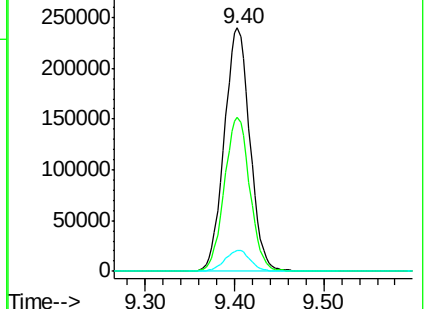
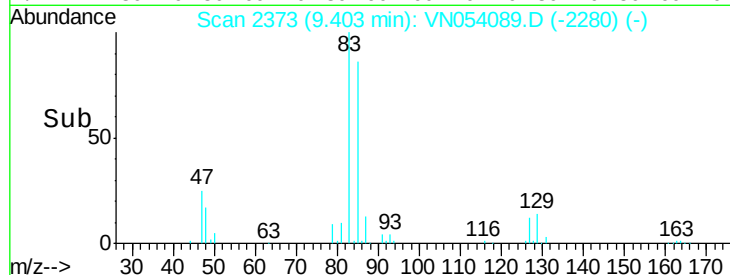
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN054089.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054089.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054089.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.416 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

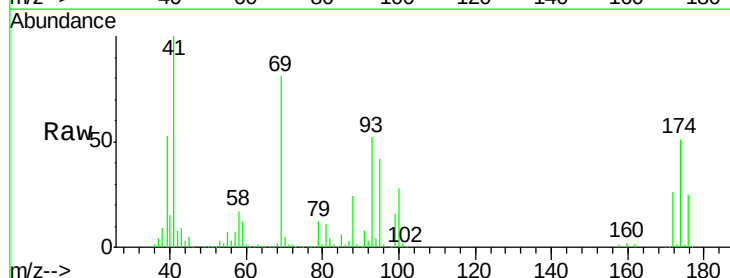
Tgt Ion: 41 Resp: 285250

Ion Ratio Lower Upper

41 100

69 87.1 74.8 112.2

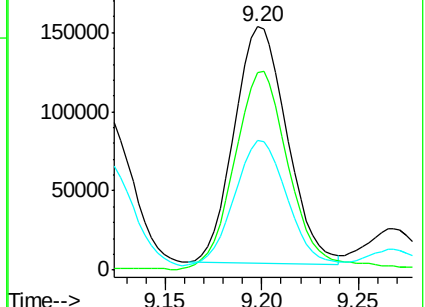
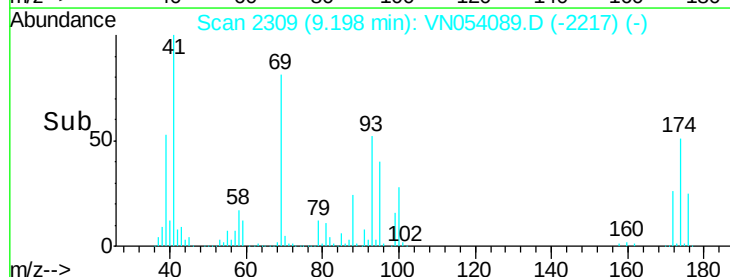
39 56.9 39.0 58.6

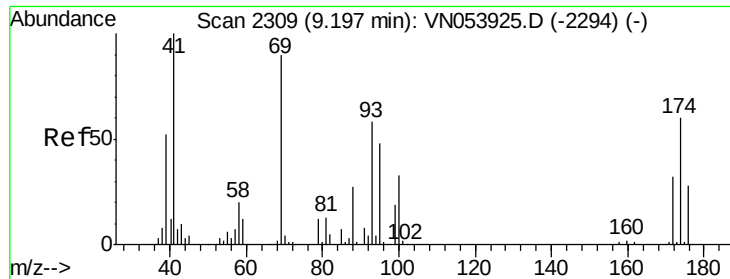


Abundance Ion 41.00 (40.70 to 41.70): VN054089.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054089.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054089.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1107.854 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

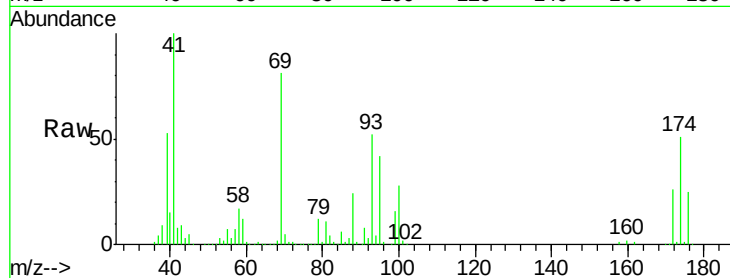
Tot Ion: 88 Resp: 77237

Ion Ratio Lower Upper

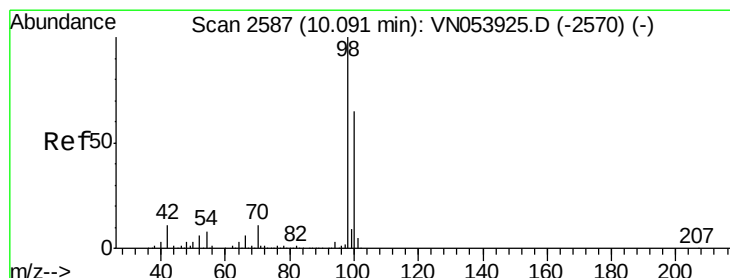
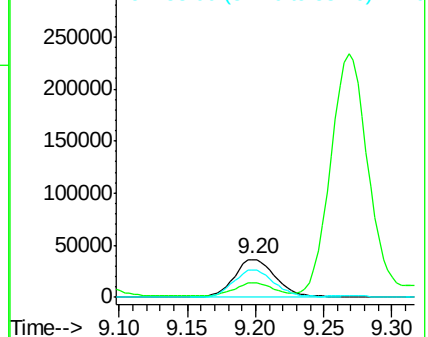
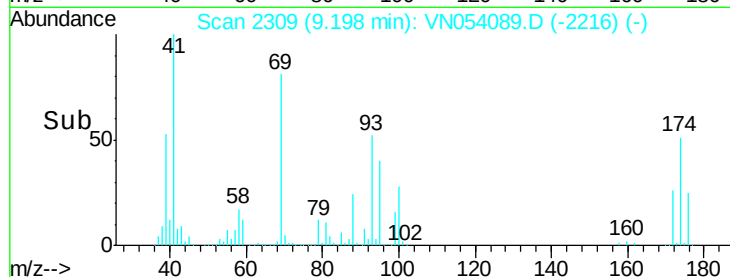
88 100

43 33.1 21.2 31.8#

58 71.7 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN054089.D (-2216) (-)



#50

Toluene-d8

Concen: 51.455 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054089.D

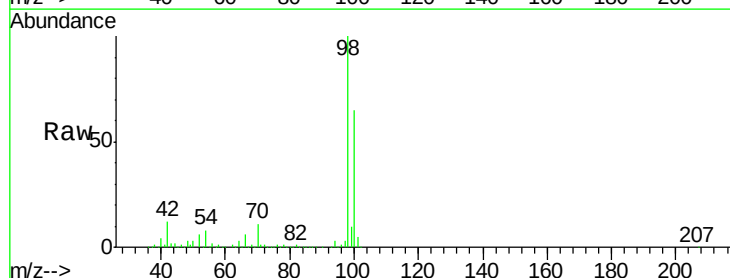
Acq: 5 Mar 2019 1:49

Tgt Ion: 98 Resp: 1236322

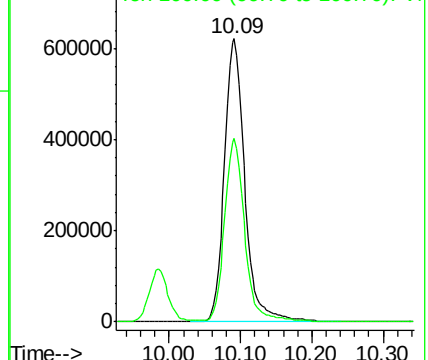
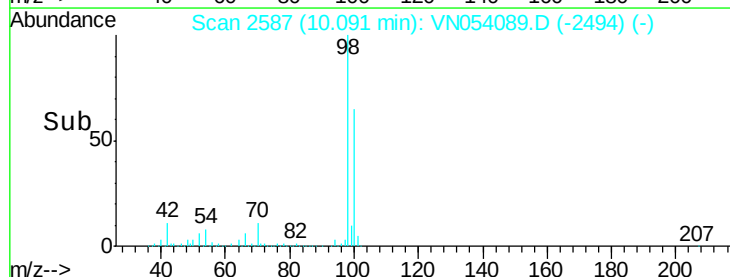
Ion Ratio Lower Upper

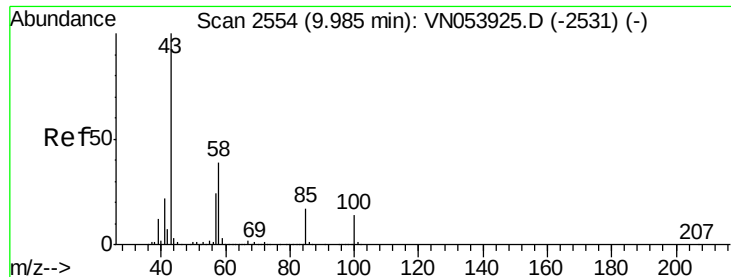
98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN054089.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 288.780 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054089.D

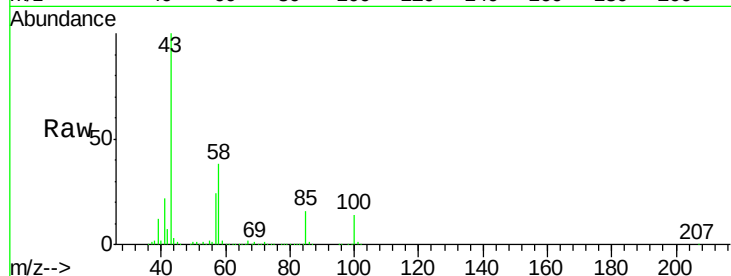
Acq: 5 Mar 2019 1:49

Tot Ion: 43 Resp: 1660638

Ion Ratio Lower Upper

43 100

58 37.7 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1000000

800000

600000

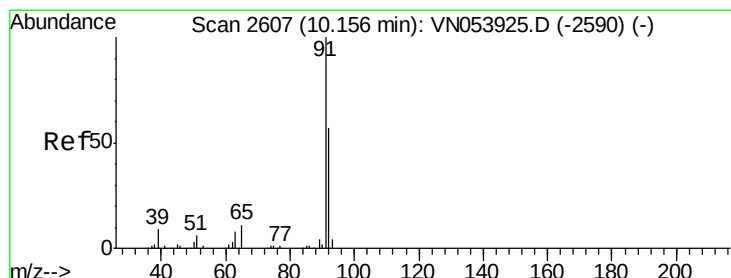
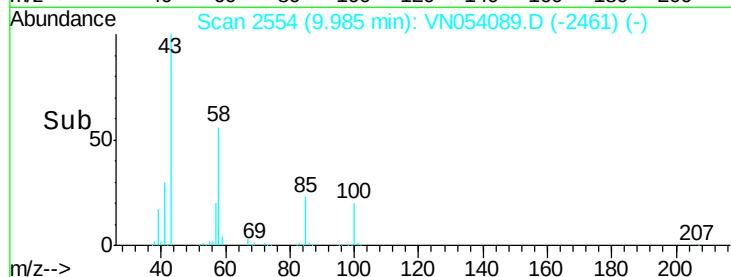
400000

200000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 49.943 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054089.D

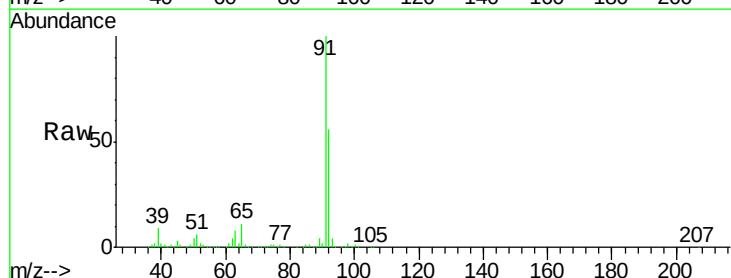
Acq: 5 Mar 2019 1:49

Tgt Ion: 92 Resp: 838583

Ion Ratio Lower Upper

92 100

91 176.3 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

800000

600000

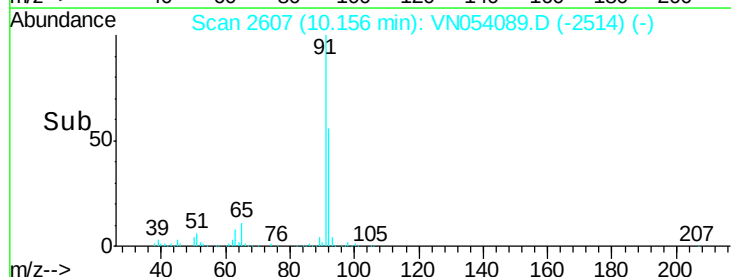
400000

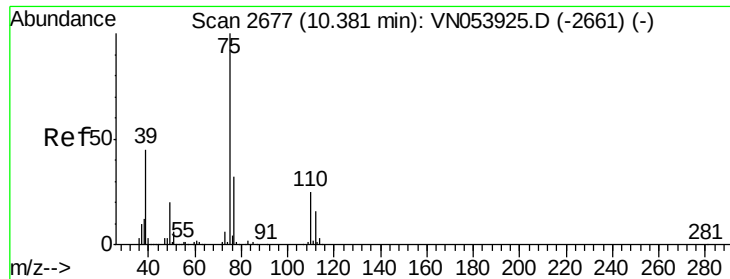
200000

0

10.00 10.10 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.511 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054089.D

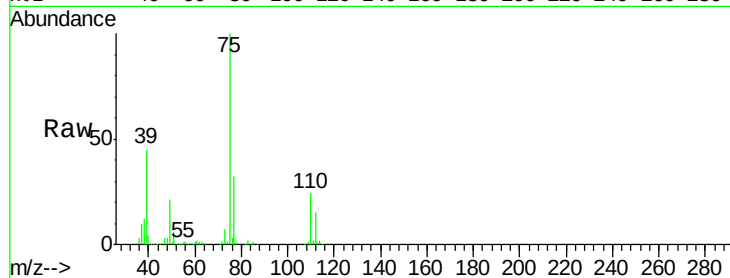
Acq: 5 Mar 2019 1:49

Tot Ion: 75 Resp: 462599

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

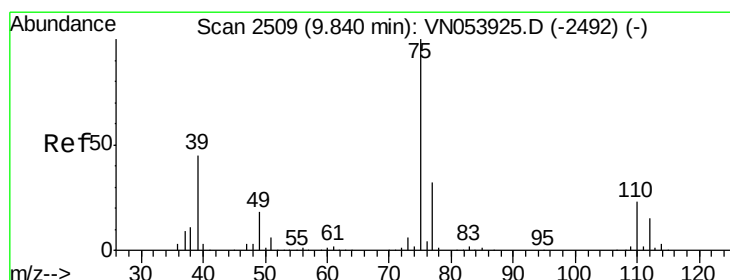
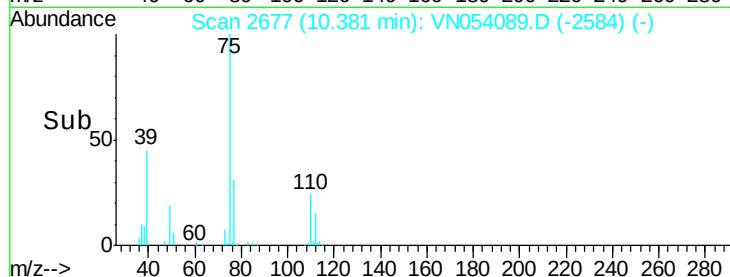
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.524 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

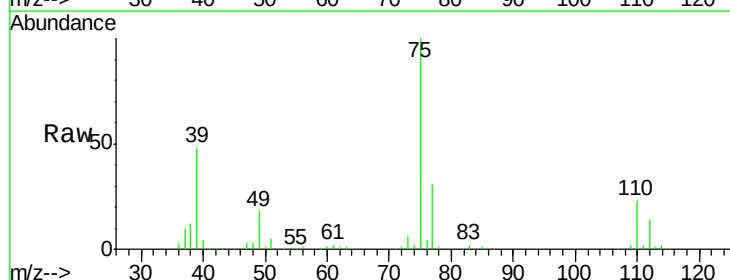
Tgt Ion: 75 Resp: 534700

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

39 47.9 31.4 47.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

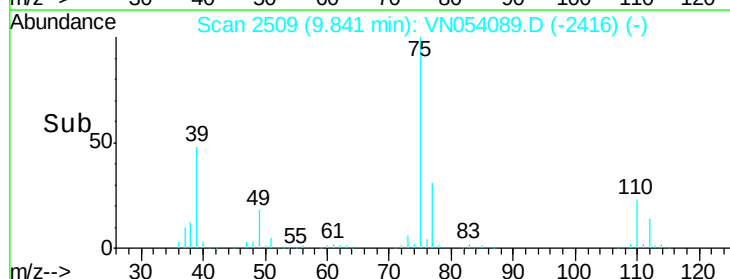
300000

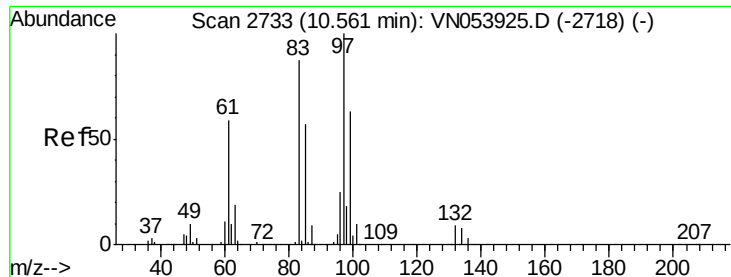
200000

100000

0

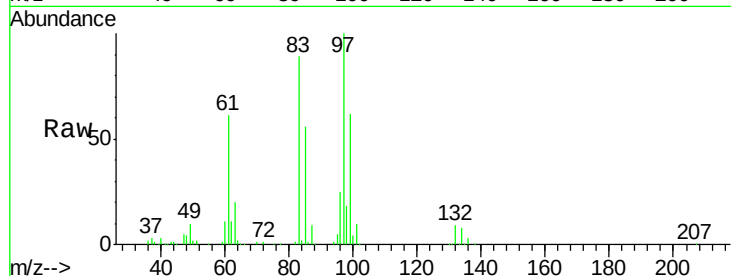
Time-->



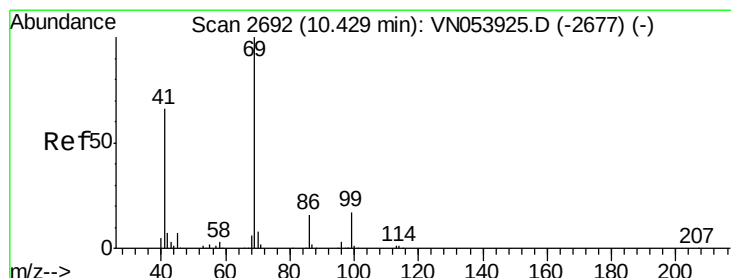
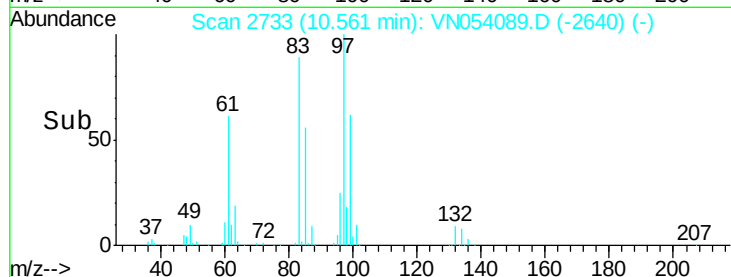
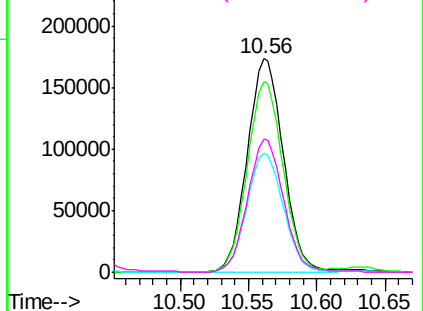


#55
 1,1,2-Trichloroethane
 Concen: 50.736 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tot Ion:	97	Resp:	318154
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.5	104.3
85	55.9	45.9	68.9
99	62.2	49.1	73.7

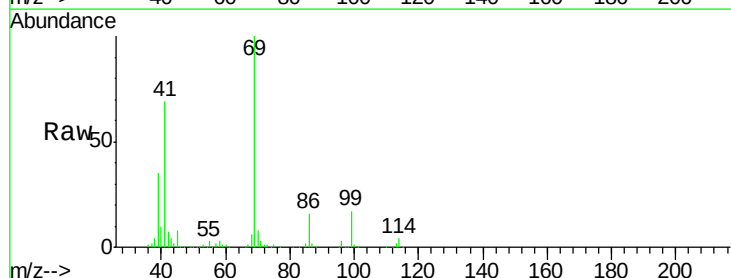


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

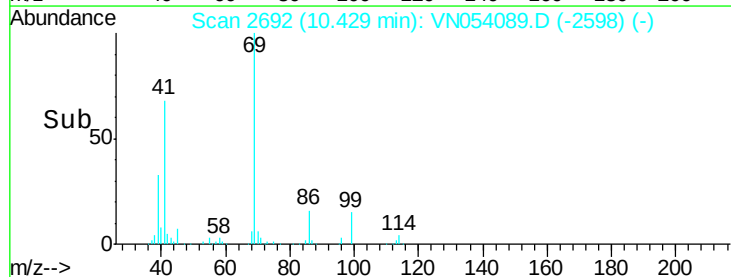
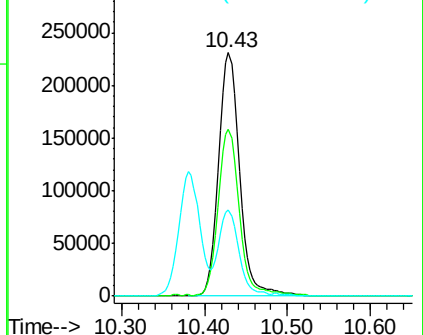


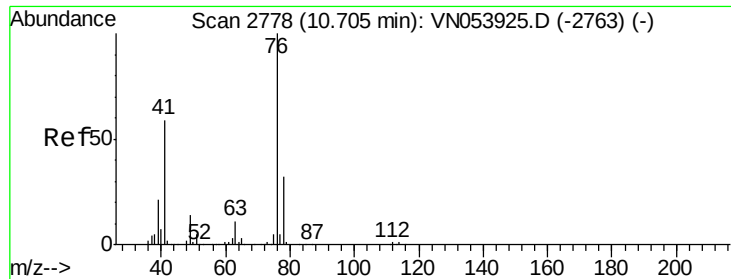
#56
 Ethyl methacrylate
 Concen: 49.491 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion:	69	Resp:	406761
Ion	Ratio	Lower	Upper
69	100		
41	69.0	47.5	71.3
39	33.0	23.4	35.0



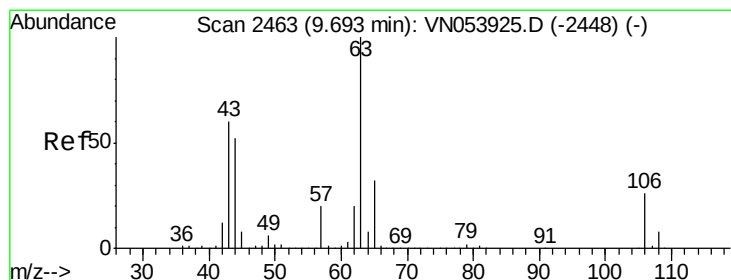
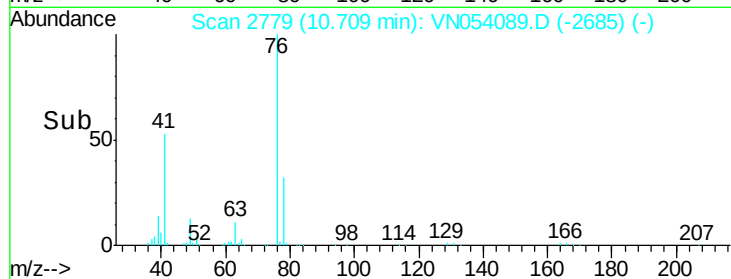
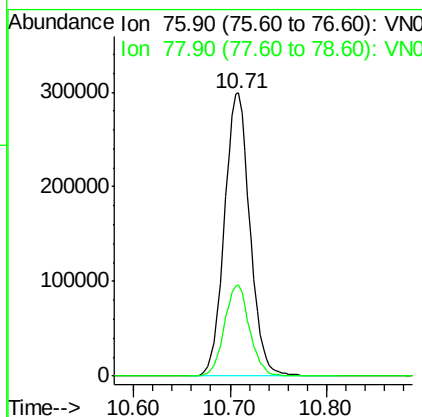
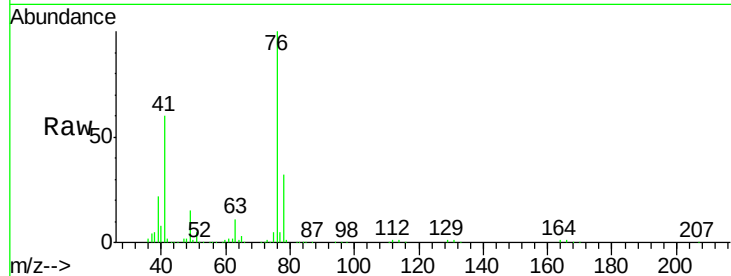
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





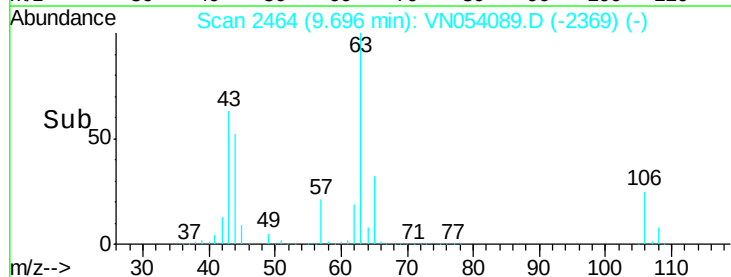
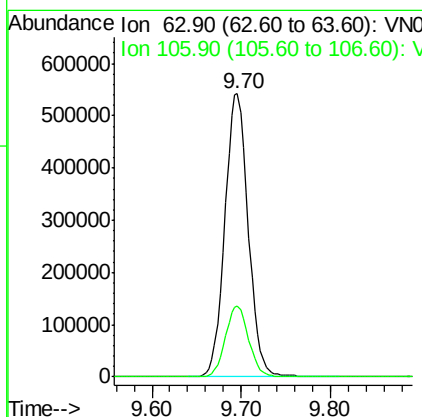
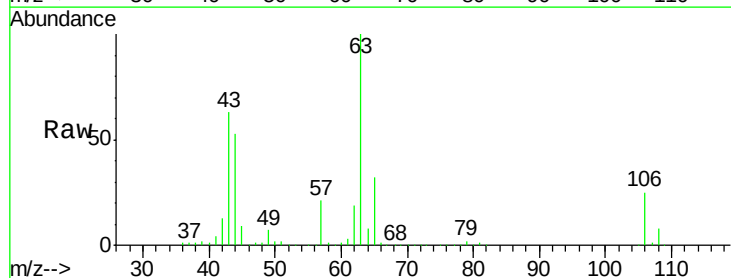
#57
 1,3-Dichloropropane
 Concen: 51.557 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

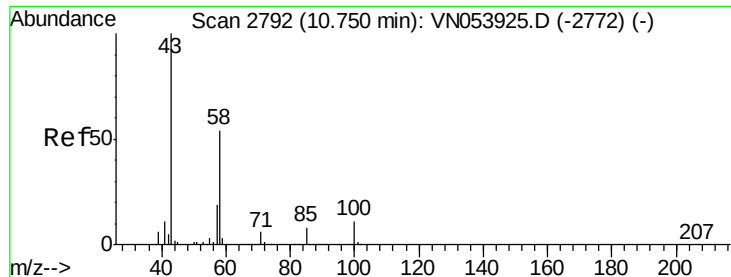
Tot Ion: 76 Resp: 546253
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.395 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

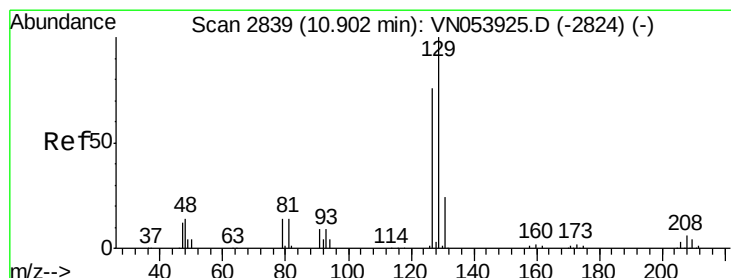
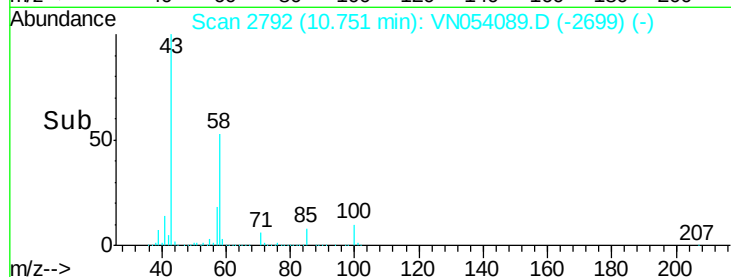
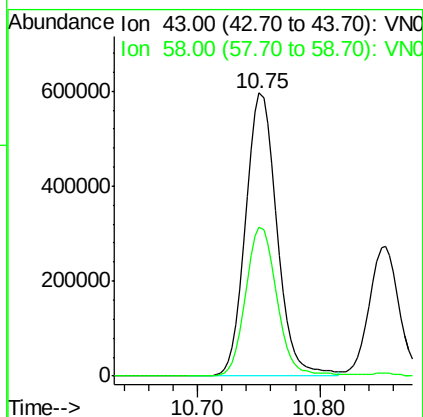
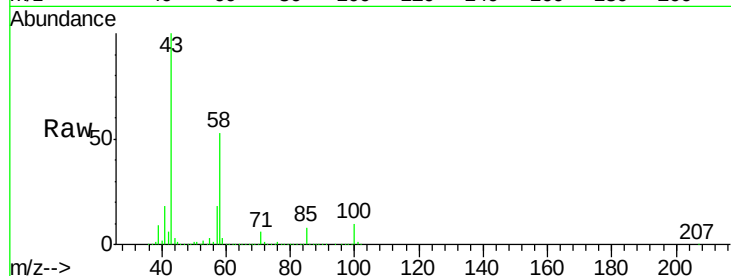
Tgt Ion: 63 Resp: 982899
 Ion Ratio Lower Upper
 63 100
 106 24.9 22.2 33.2





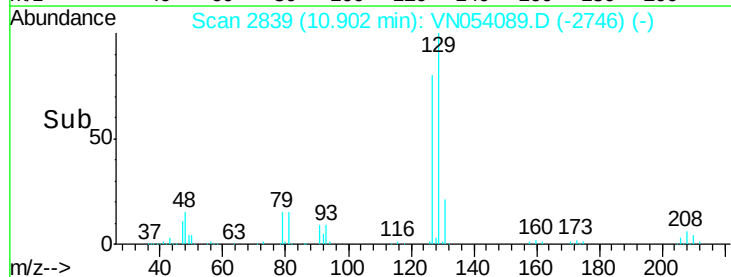
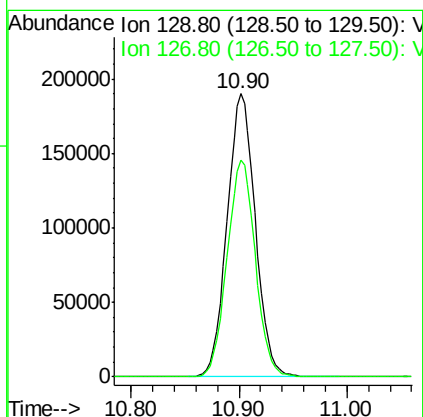
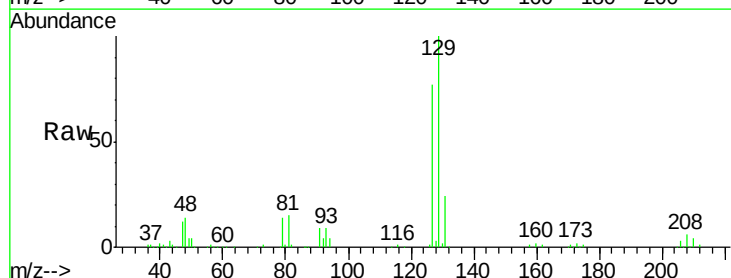
#59
2-Hexanone
Concen: 280.362 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

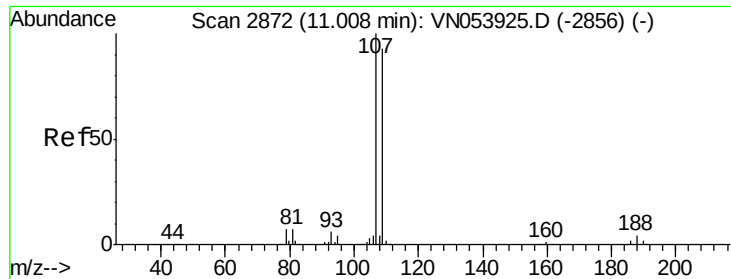
Tot Ion: 43 Resp: 1048565
Ion Ratio Lower Upper
43 100
58 53.0 29.1 87.4



#60
Dibromochloromethane
Concen: 49.725 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

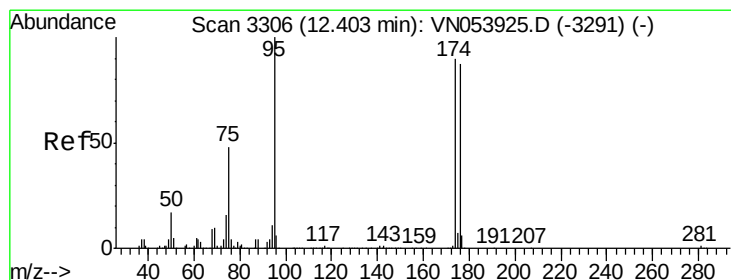
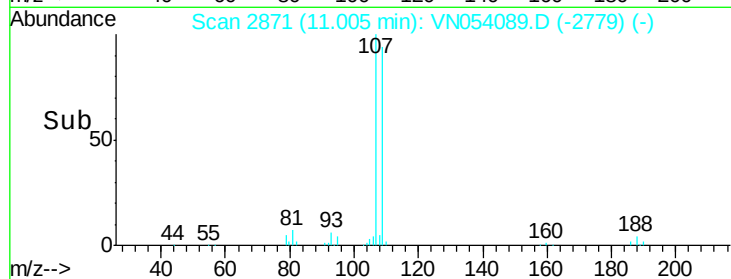
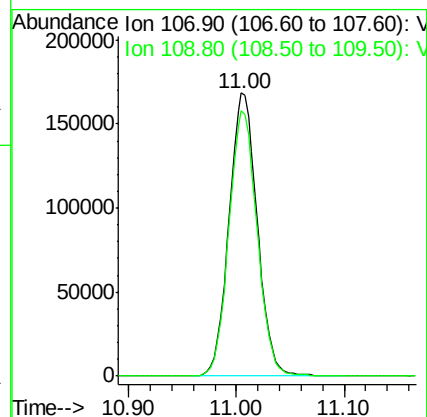
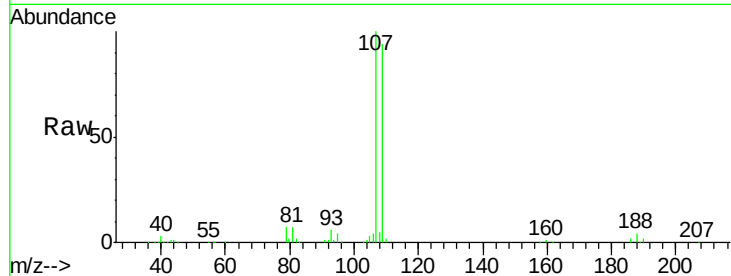
Tgt Ion: 129 Resp: 346535
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





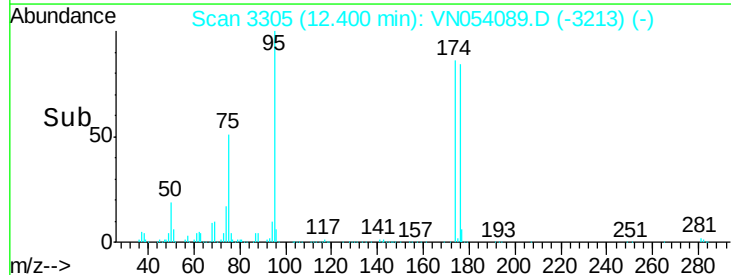
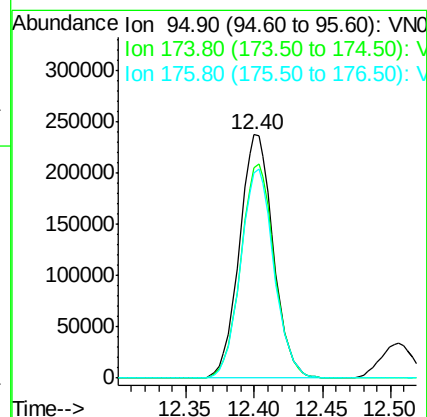
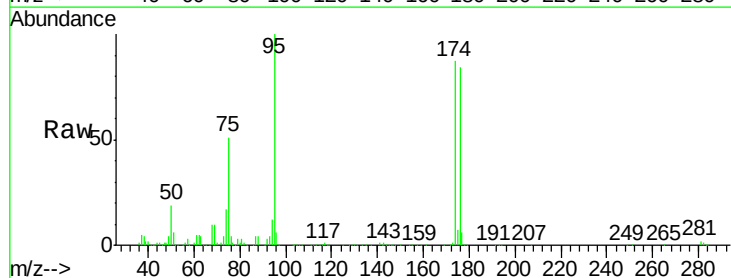
#61
 1,2-Dibromoethane
 Concen: 50.675 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

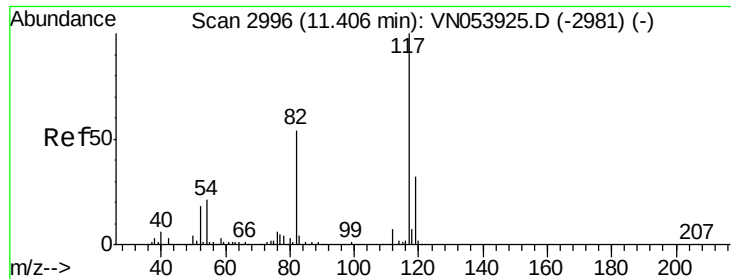
Tot Ion: 107 Resp: 306535
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.955 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

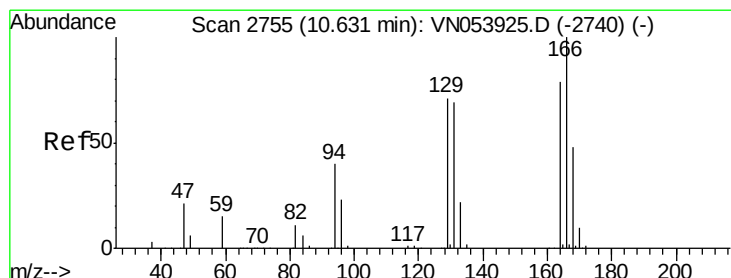
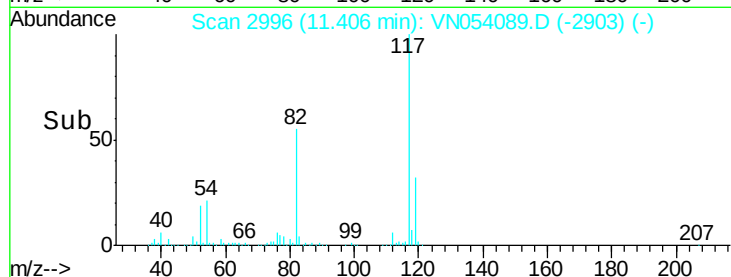
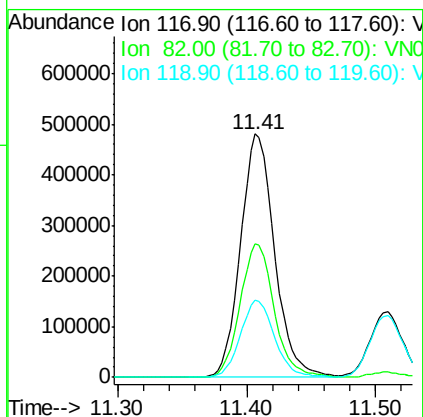
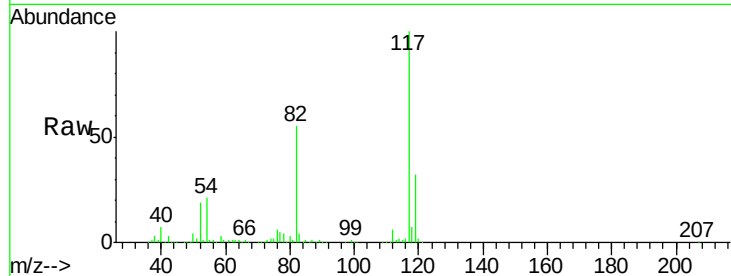
Tgt Ion: 95 Resp: 407902
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 188.8
 176 84.7 0.0 182.6





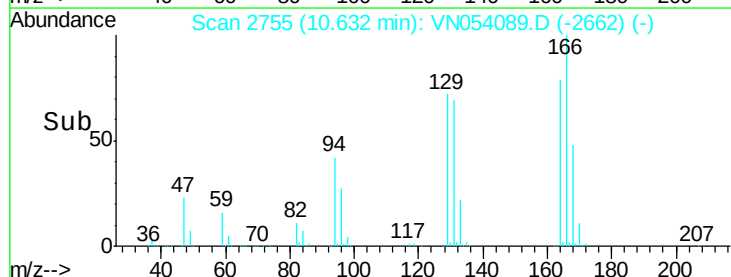
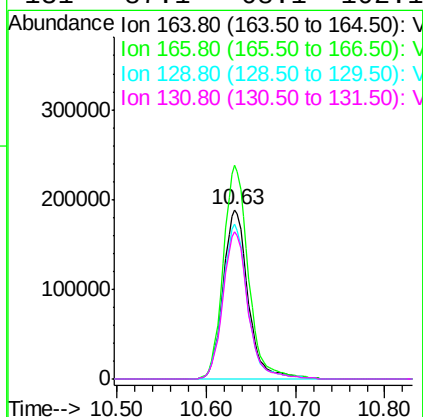
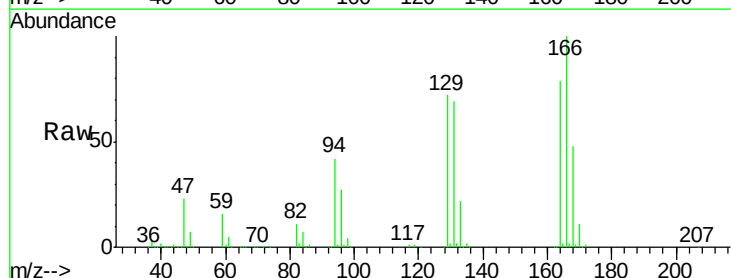
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

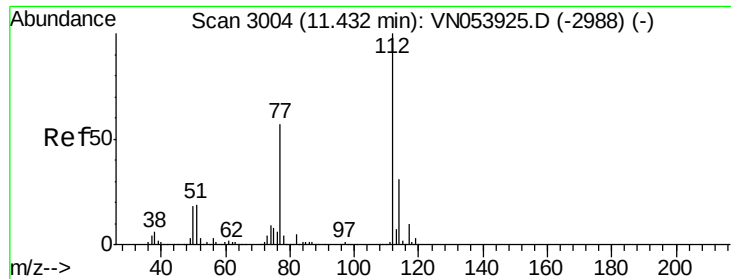
Tot Ion:117 Resp: 885210
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.2
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 48.765 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

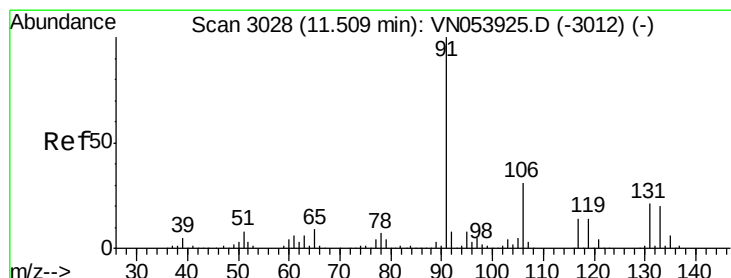
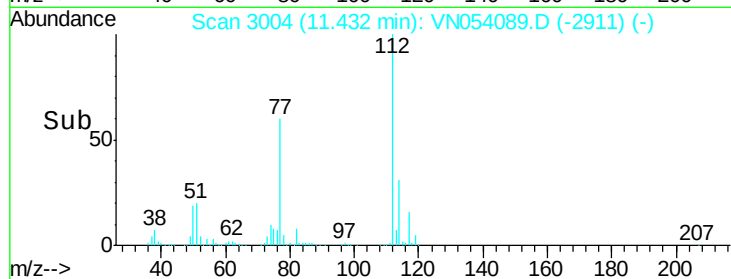
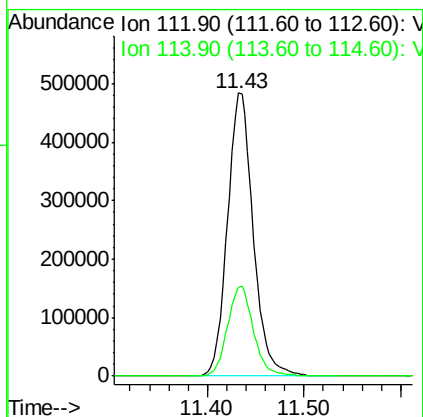
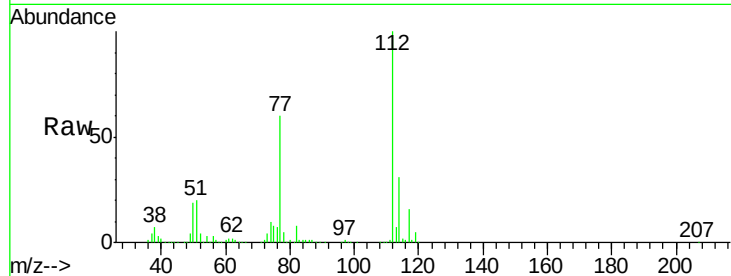
Tgt Ion:164 Resp: 365532
Ion Ratio Lower Upper
164 100
166 126.3 102.6 153.8
129 91.5 69.4 104.0
131 87.1 68.1 102.1





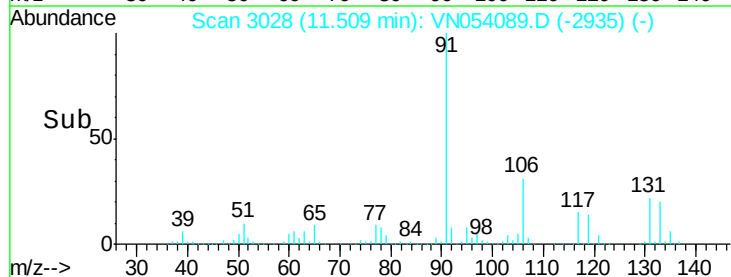
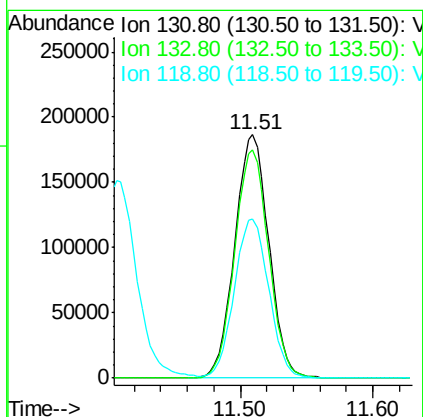
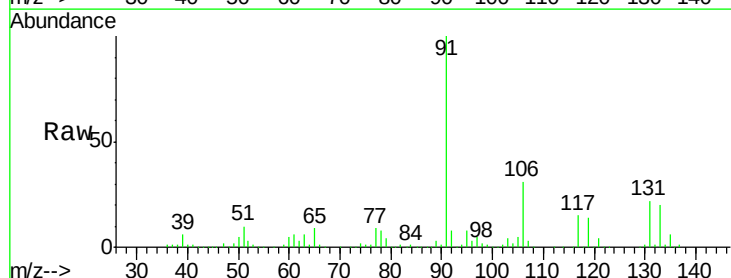
#65
Chlorobenzene
Concen: 47.808 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

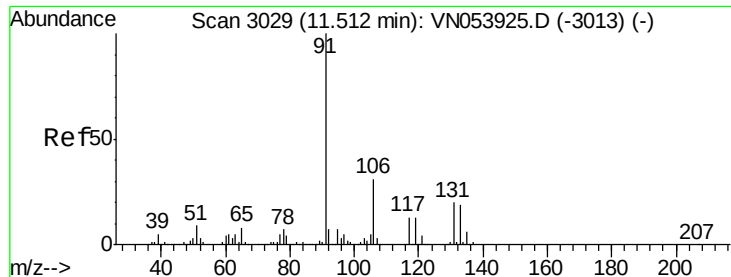
Tot Ion:112 Resp: 893157
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.464 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

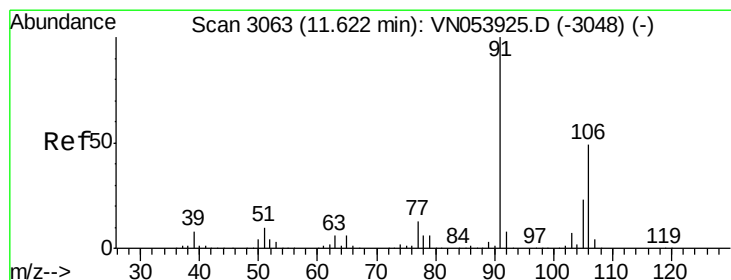
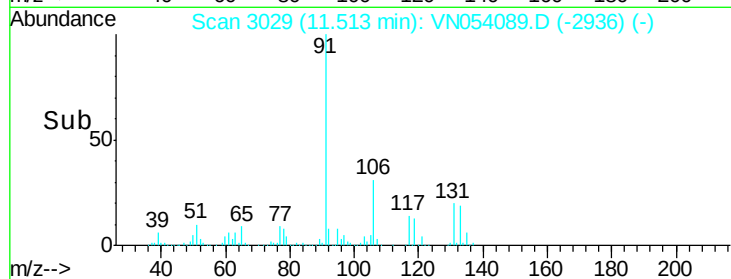
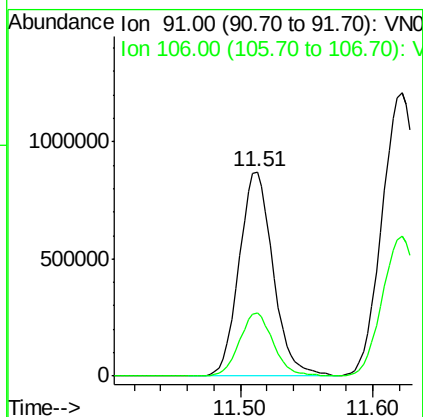
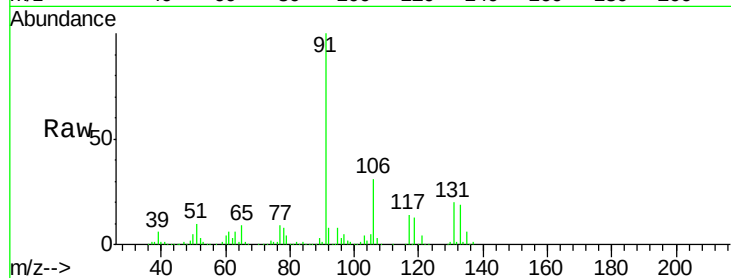
Tgt Ion:131 Resp: 333045
Ion Ratio Lower Upper
131 100
133 93.4 47.7 143.1
119 66.2 33.1 99.3





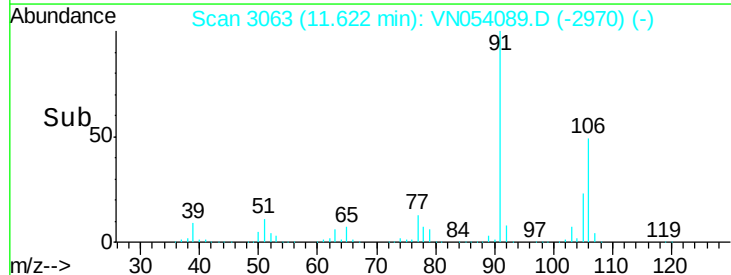
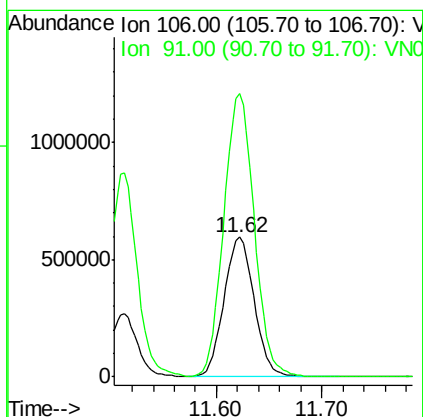
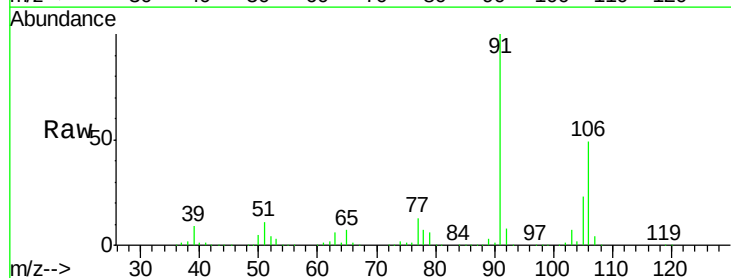
#67
Ethyl Benzene
Concen: 49.588 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

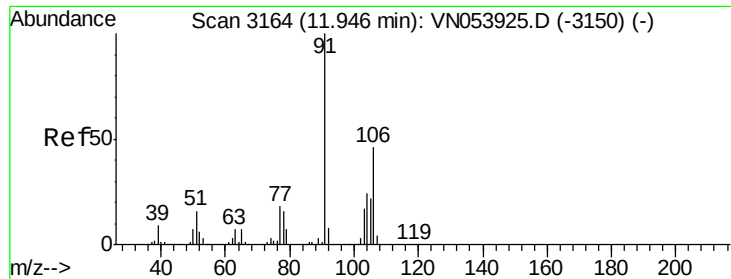
Tot Ion: 91 Resp: 1553060
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 99.933 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

Tgt Ion: 106 Resp: 1181265
Ion Ratio Lower Upper
106 100
91 204.4 158.9 238.3





#69

o-Xylene

Concen: 49.179 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054089.D

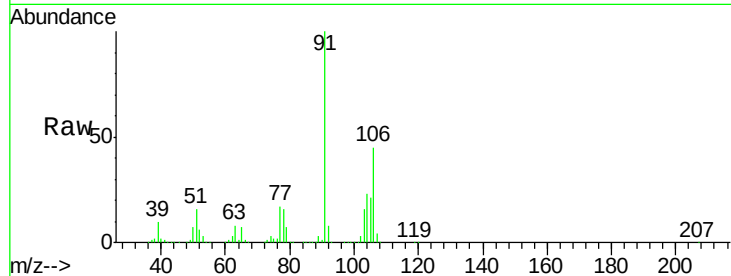
Acq: 5 Mar 2019 1:49

Tot Ion:106 Resp: 571199

Ion Ratio Lower Upper

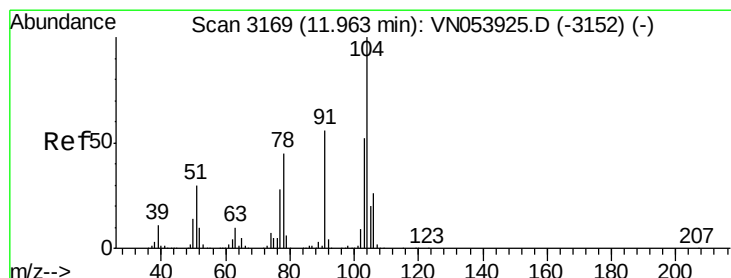
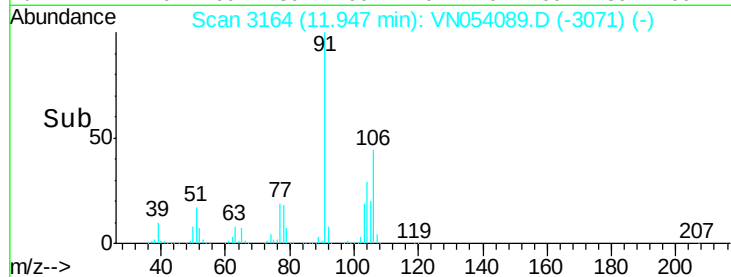
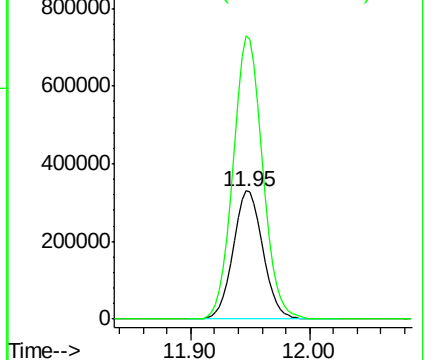
106 100

91 219.0 106.0 318.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 52.250 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

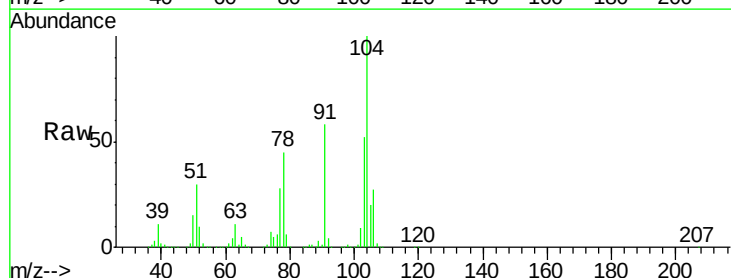
Tgt Ion:104 Resp: 933430

Ion Ratio Lower Upper

104 100

78 49.4 38.1 57.1

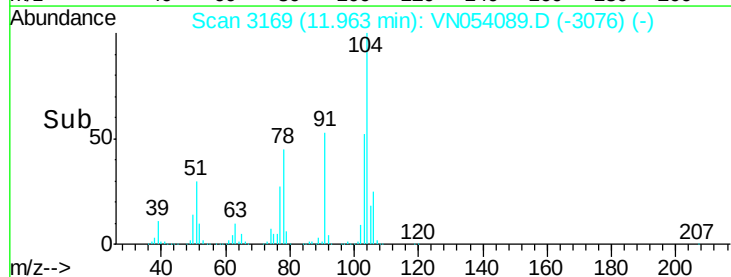
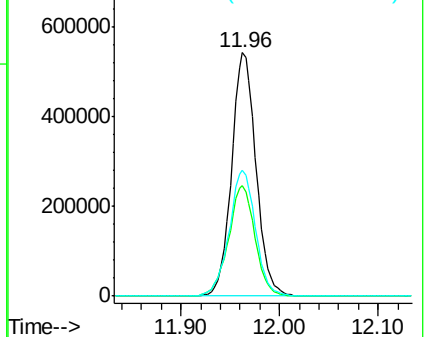
103 55.9 44.6 67.0

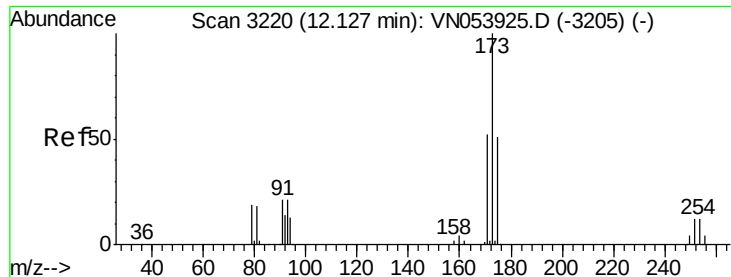


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.825 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

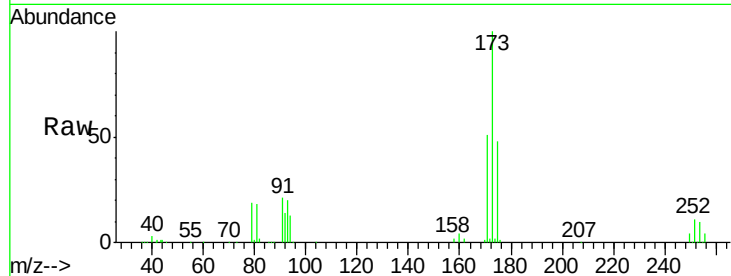
Tot Ion:173 Resp: 233385

Ion Ratio Lower Upper

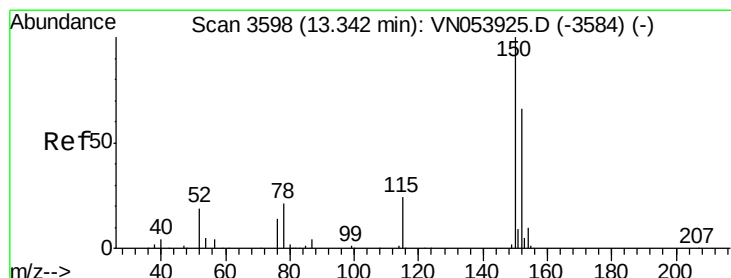
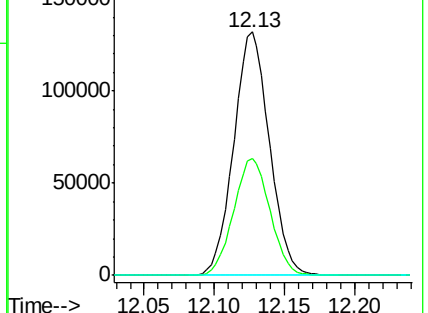
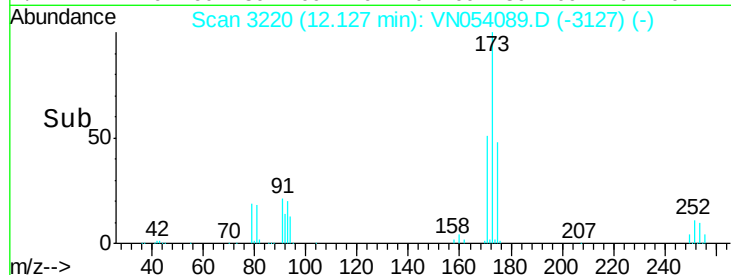
173 100

175 48.9 24.3 72.8

254 0.1 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

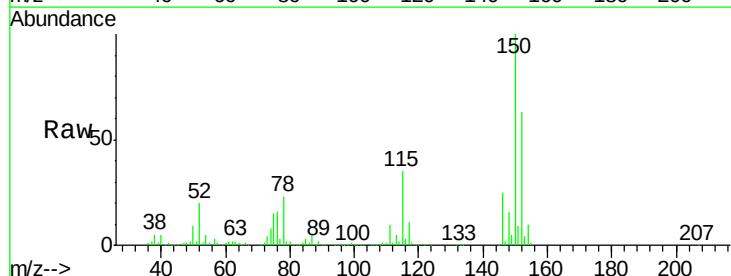
Tgt Ion:152 Resp: 412746

Ion Ratio Lower Upper

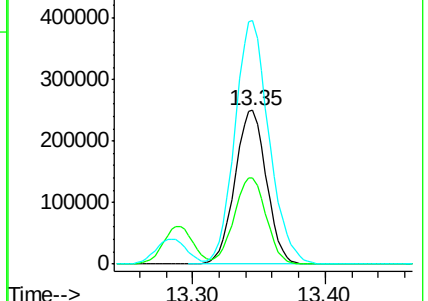
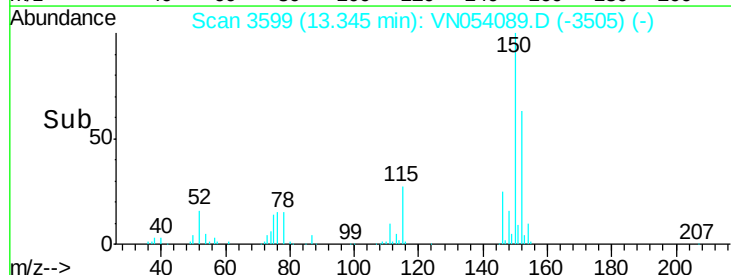
152 100

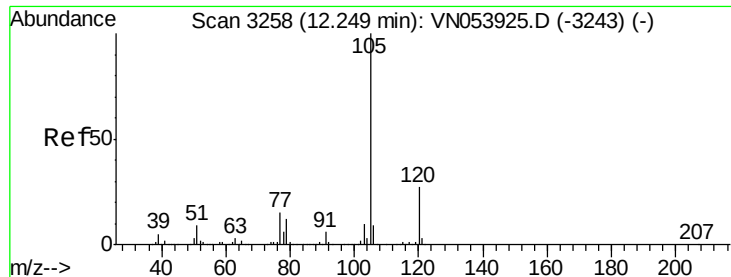
115 56.7 27.2 81.6

150 171.1 0.0 348.2



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: 46.668 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054089.D

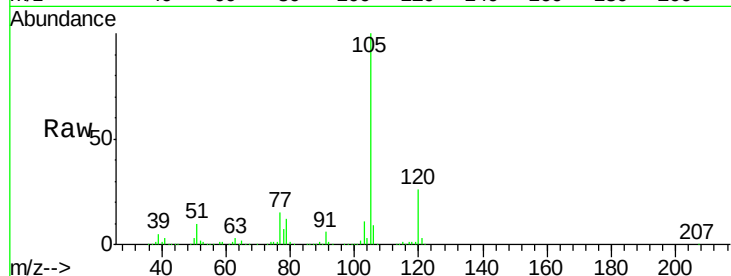
Acq: 5 Mar 2019 1:49

Tot Ion:105 Resp: 1499409

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

600000

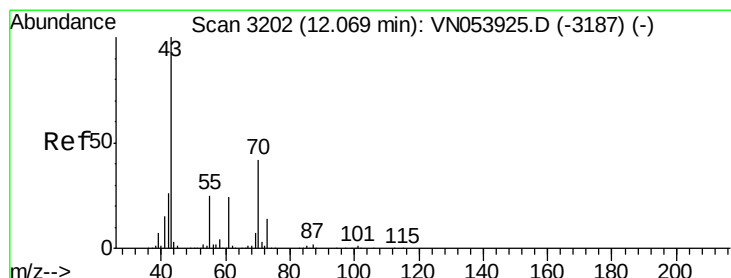
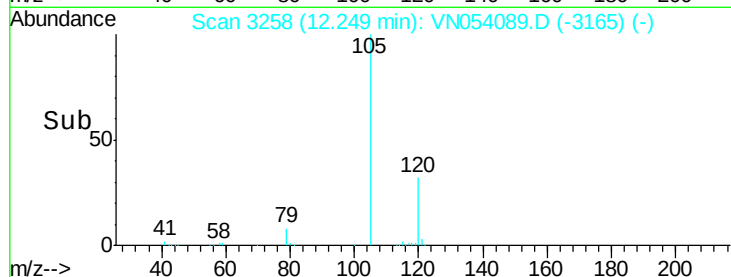
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 55.032 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tgt Ion: 43 Resp: 463429

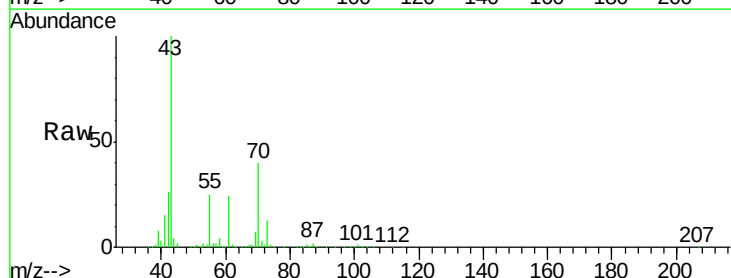
Ion Ratio Lower Upper

43 100

70 40.2 37.4 56.2

55 25.1 21.4 32.0

61 23.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

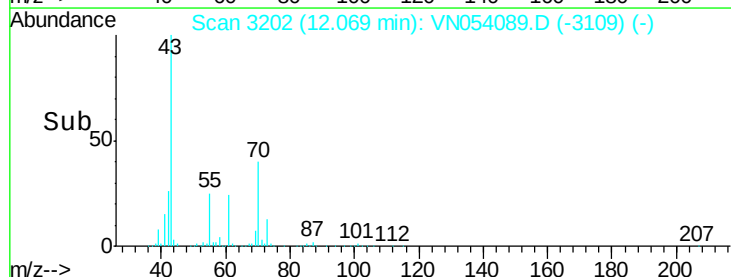
200000

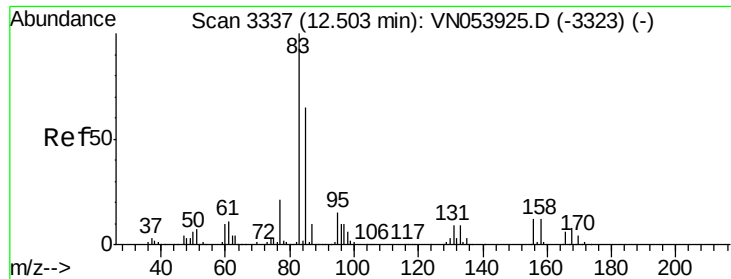
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 47.368 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

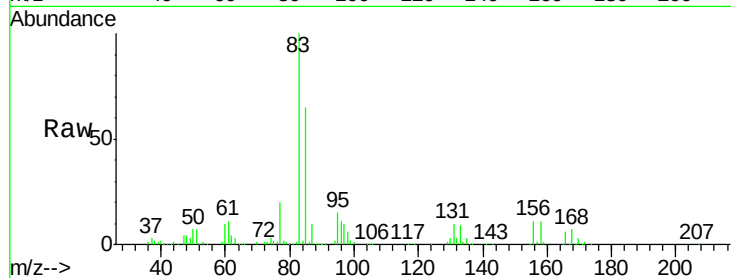
Tot Ion: 83 Resp: 380578

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	16.1
85	64.9	31.9	95.9

83 100

131 10.0 5.3 16.1

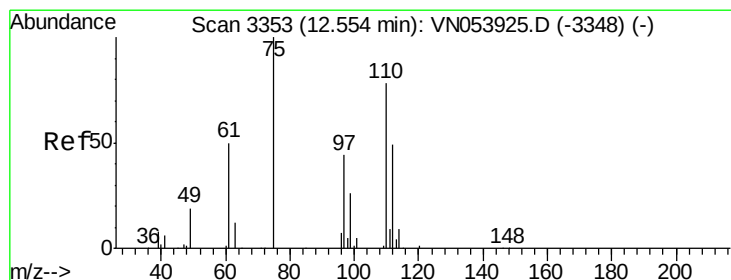
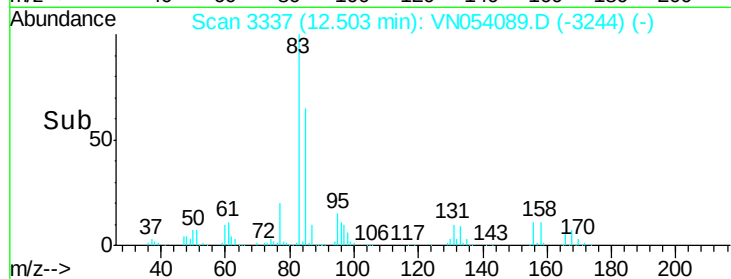
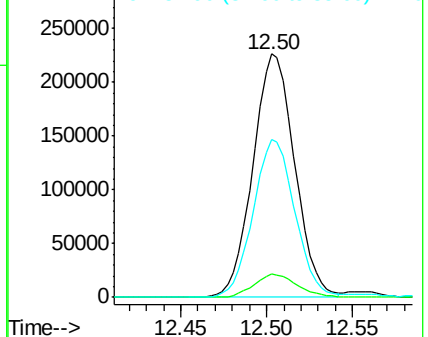
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN054089.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN054089.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN054089.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 48.796 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054089.D

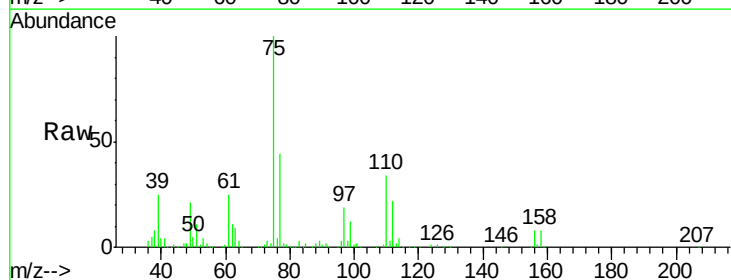
Acq: 5 Mar 2019 1:49

Tgt Ion: 75 Resp: 323086

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

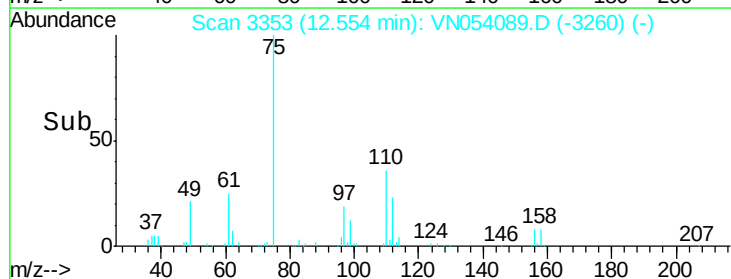
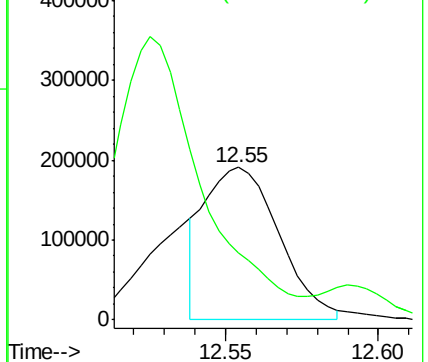
75 100

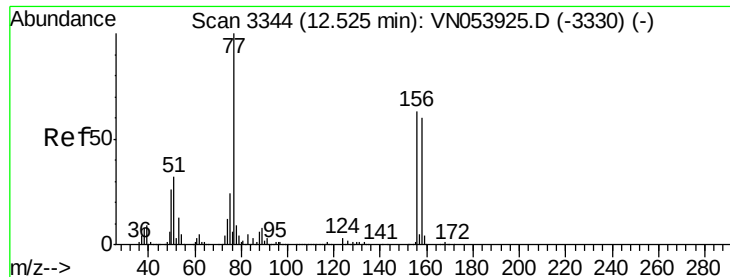
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054089.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054089.D (-3260) (-)





#77

Bromobenzene

Concen: 45.756 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

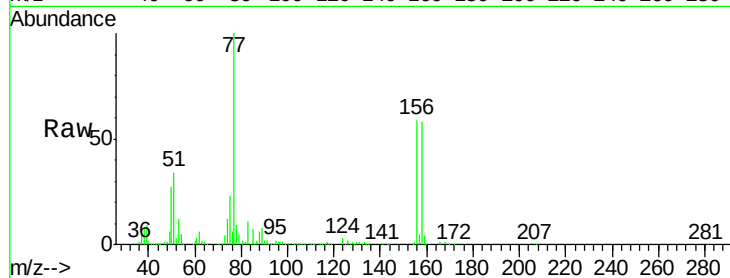
Tot Ion:156 Resp: 373252

Ion Ratio Lower Upper

156 100

77 194.5 84.0 252.2

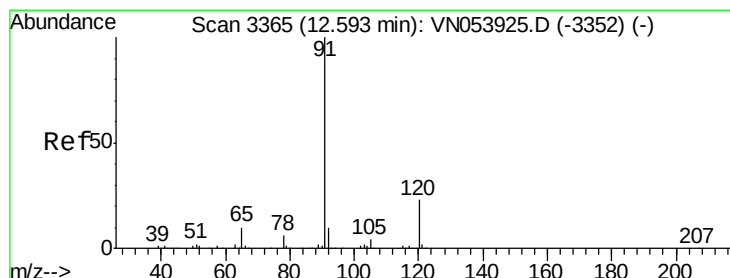
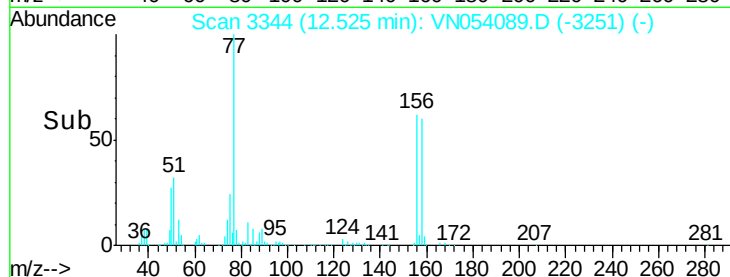
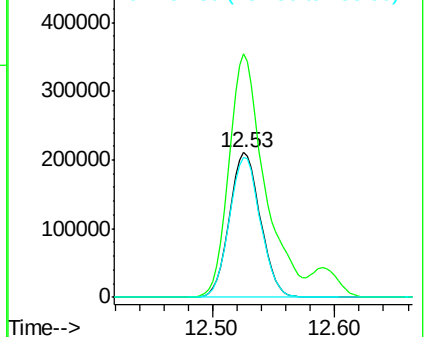
158 96.9 48.5 145.6



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: 48.229 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054089.D

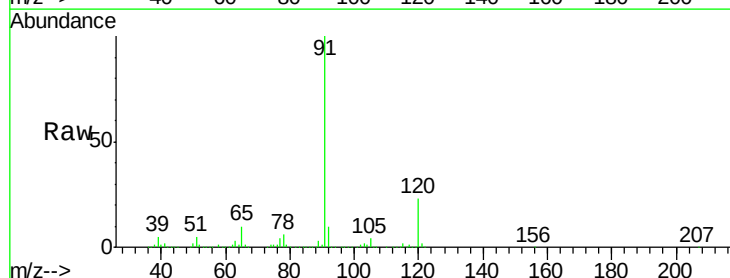
Acq: 5 Mar 2019 1:49

Tgt Ion: 91 Resp: 1762287

Ion Ratio Lower Upper

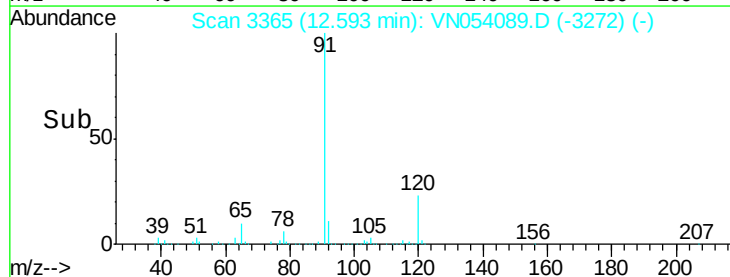
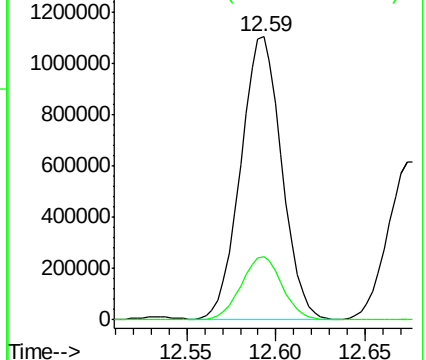
91 100

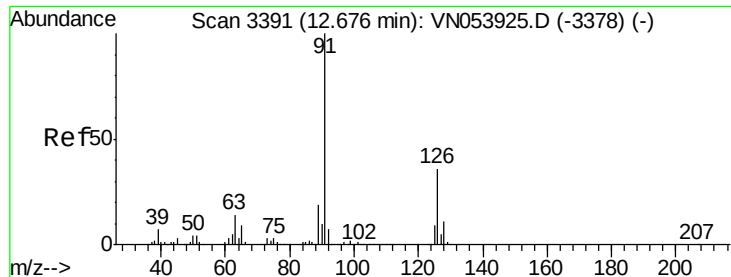
120 22.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.593 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054089.D

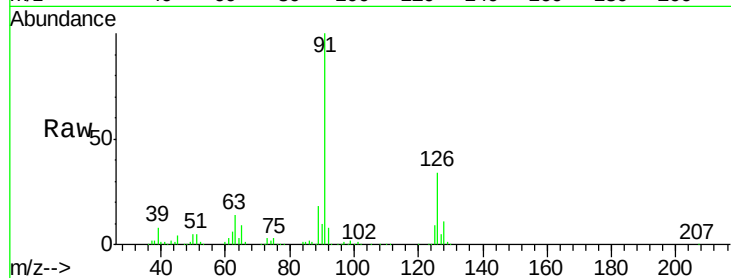
Acq: 5 Mar 2019 1:49

Tot Ion: 91 Resp: 1044676

Ion Ratio Lower Upper

91 100

126 34.2 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN054089.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN054089.D (-3390) (-)

1200000

800000

600000

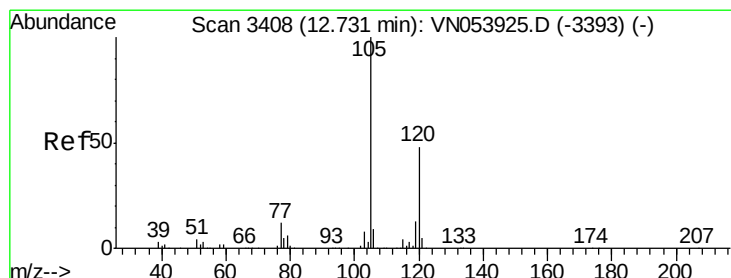
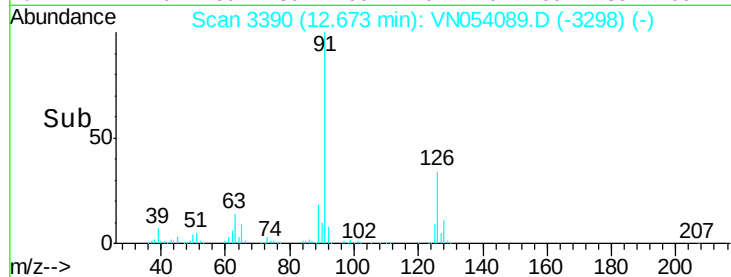
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.936 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054089.D

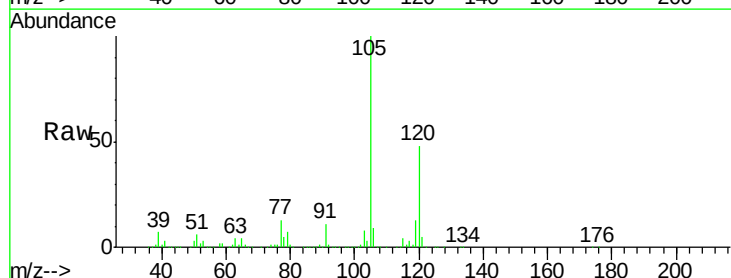
Acq: 5 Mar 2019 1:49

Tgt Ion: 105 Resp: 1287187

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN054089.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN054089.D (-3408) (-)

800000

600000

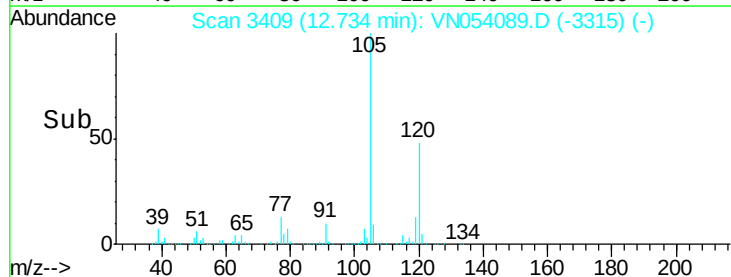
400000

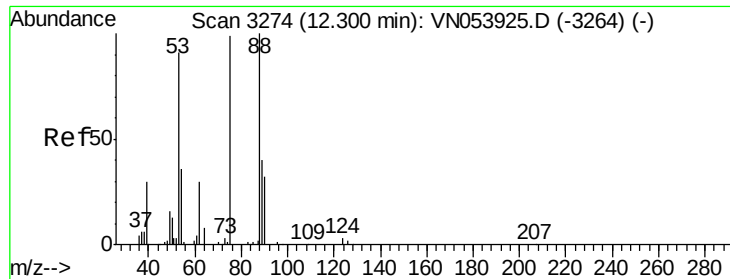
200000

0

12.70 12.80

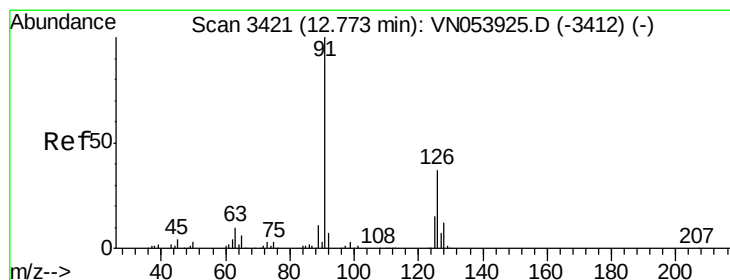
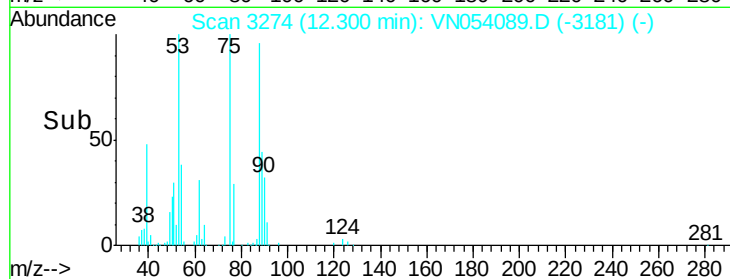
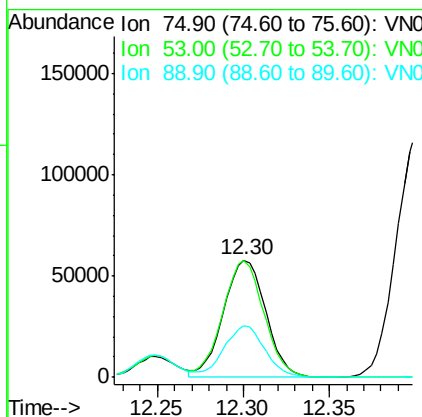
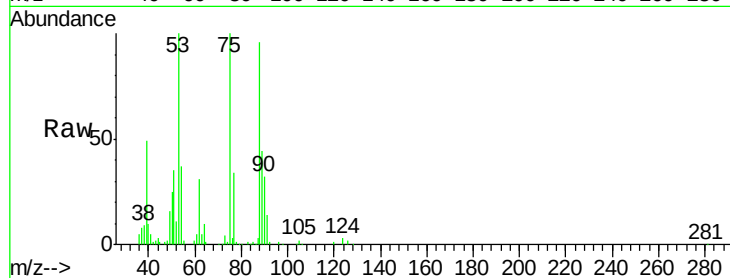
Time-->





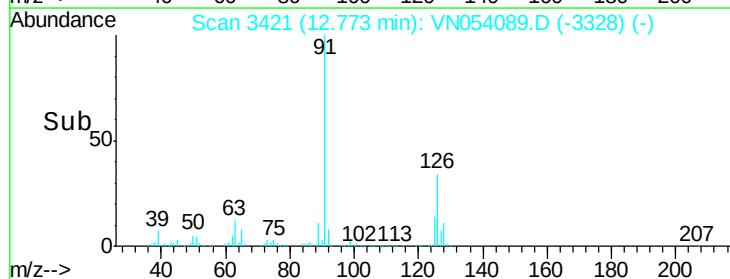
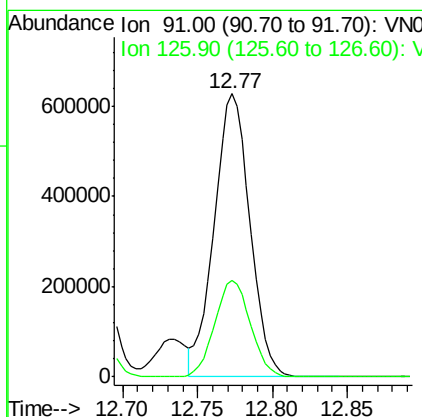
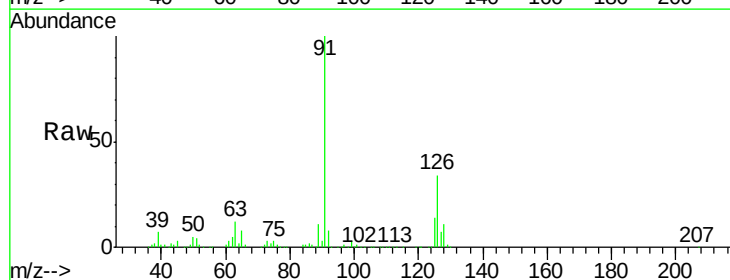
#81
trans-1,4-Dichloro-2-butene
Concen: 47.441 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

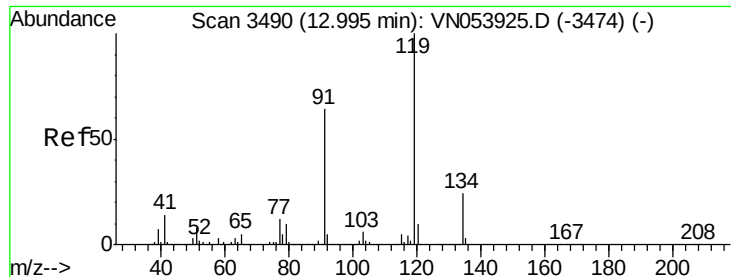
Tot Ion: 75 Resp: 99384
Ion Ratio Lower Upper
75 100
53 96.4 68.6 102.8
89 42.4 35.3 52.9



#82
4-Chlorotoluene
Concen: 47.945 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

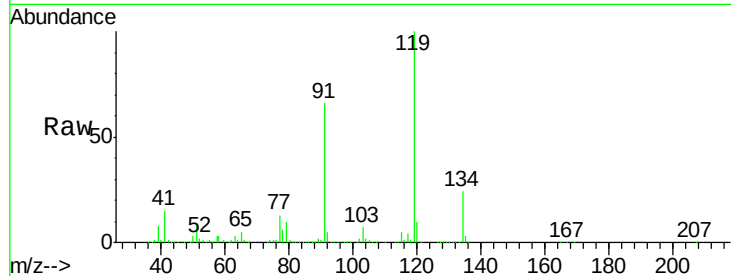
Tgt Ion: 91 Resp: 1040125
Ion Ratio Lower Upper
91 100
126 34.1 18.0 54.0



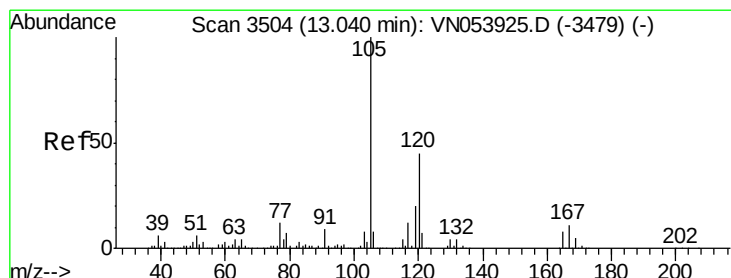
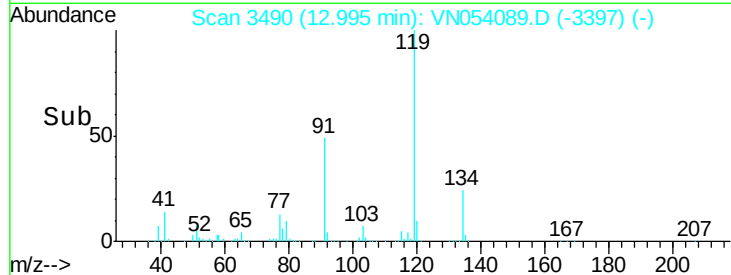
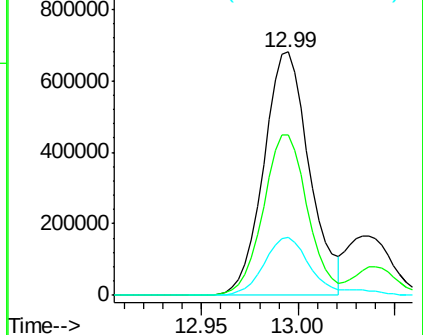


#83
 tert-Butylbenzene
 Concen: 48.221 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tot Ion:119 Resp: 1121799
 Ion Ratio Lower Upper
 119 100
 91 64.0 30.6 91.8
 134 25.1 13.0 39.0

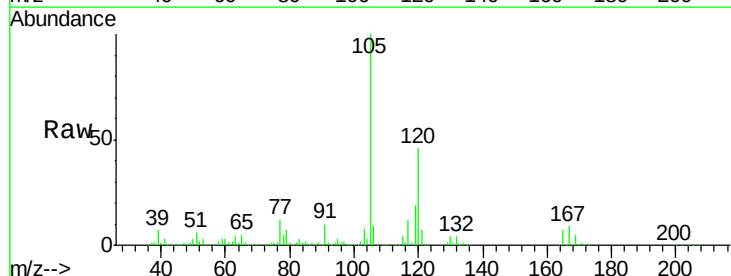


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

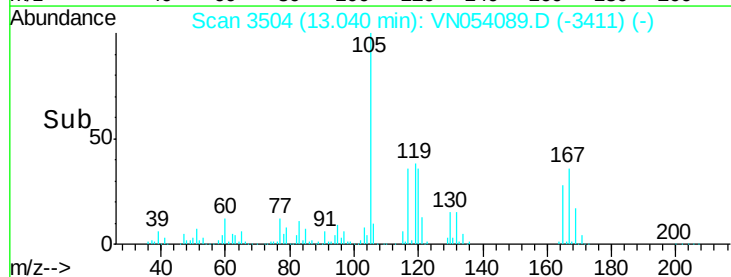
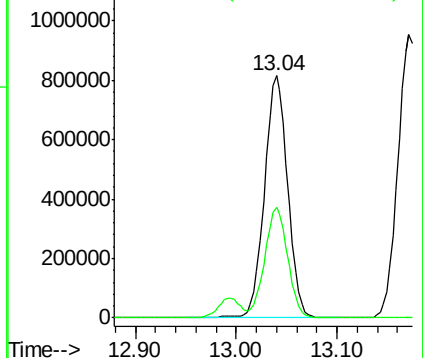


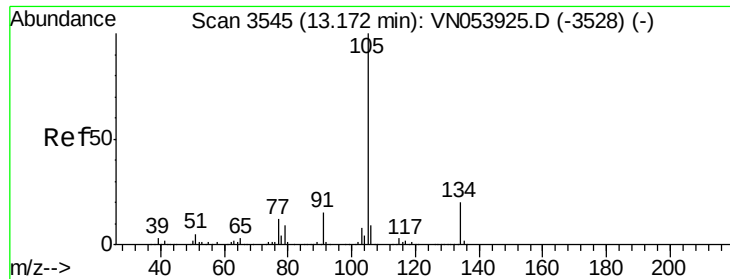
#84
 1,2,4-Trimethylbenzene
 Concen: 49.486 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion:105 Resp: 1299494
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 47.806 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054089.D

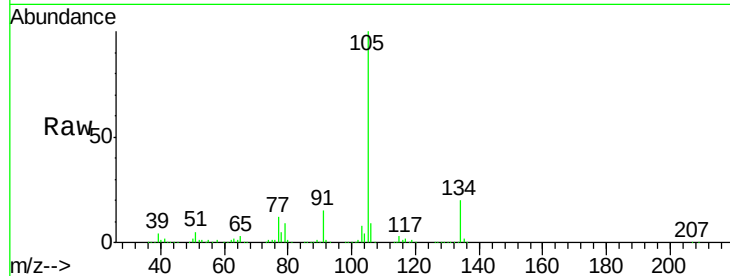
Acq: 5 Mar 2019 1:49

Tot Ion:105 Resp: 1518978

Ion Ratio Lower Upper

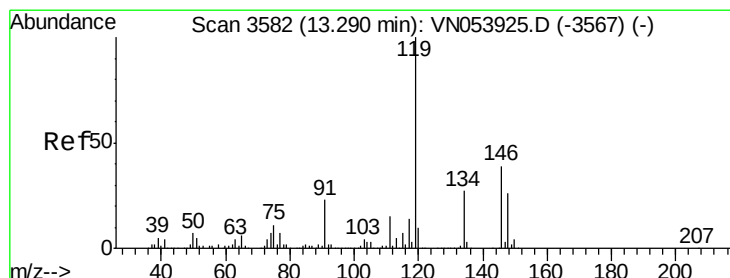
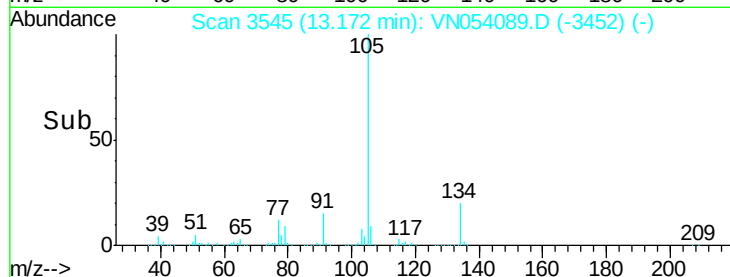
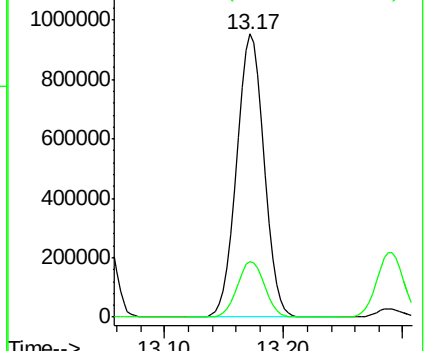
105 100

134 19.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.359 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

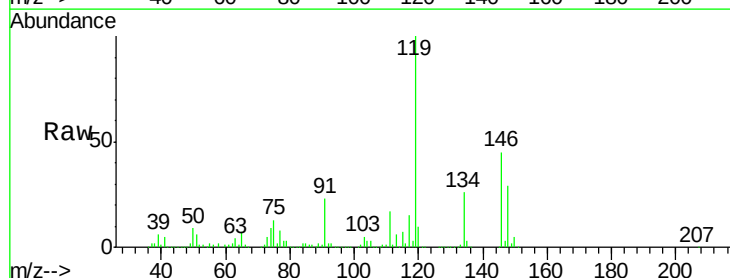
Tgt Ion:119 Resp: 1298979

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

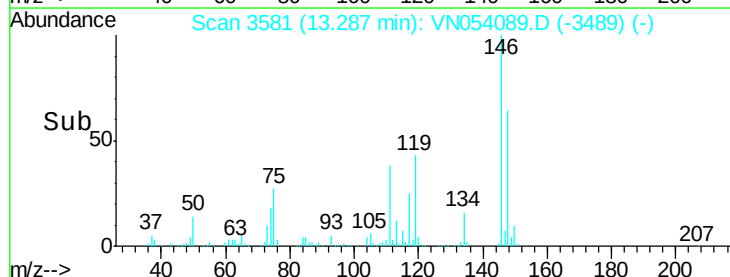
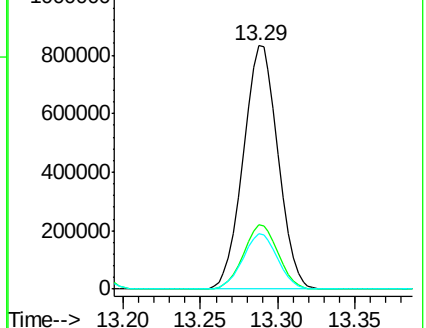
91 22.6 10.9 32.6

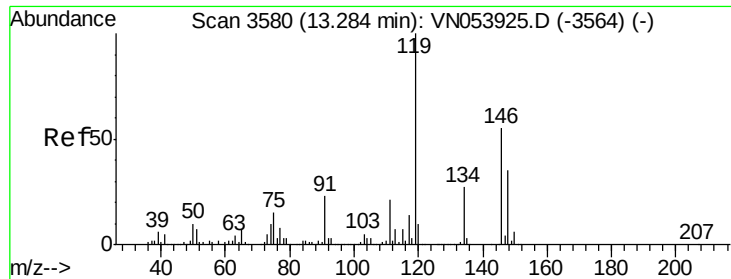


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

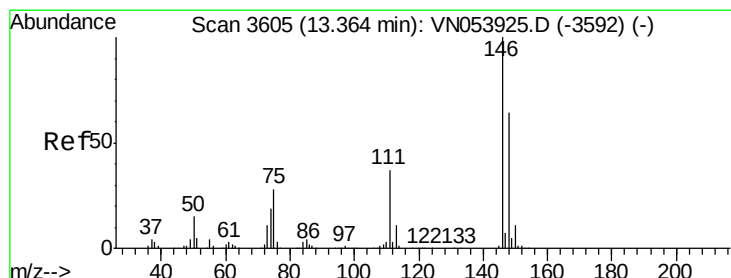
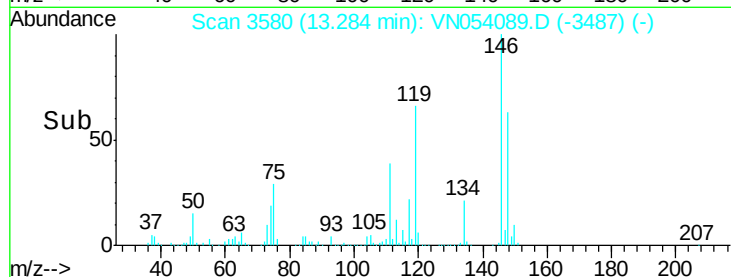
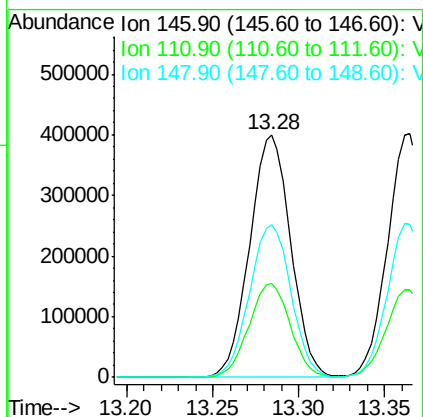
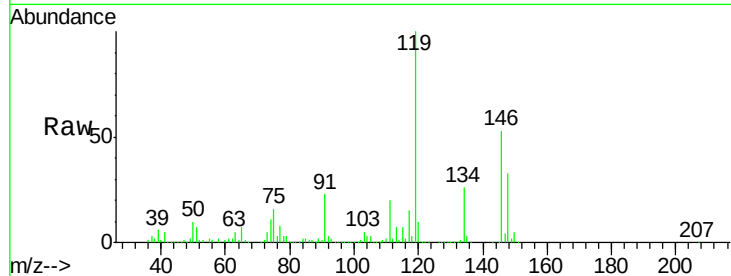
Ion 91.00 (90.70 to 91.70): V





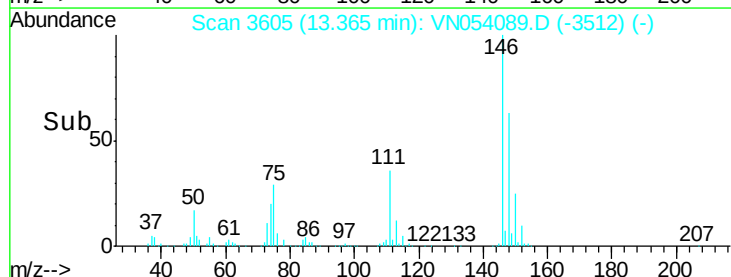
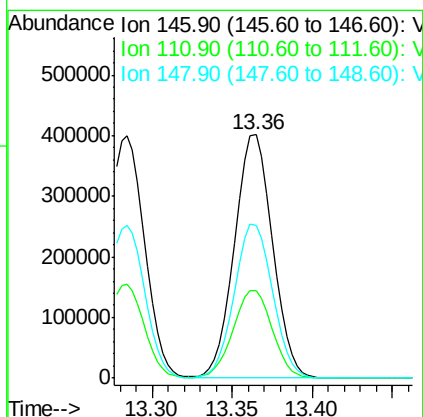
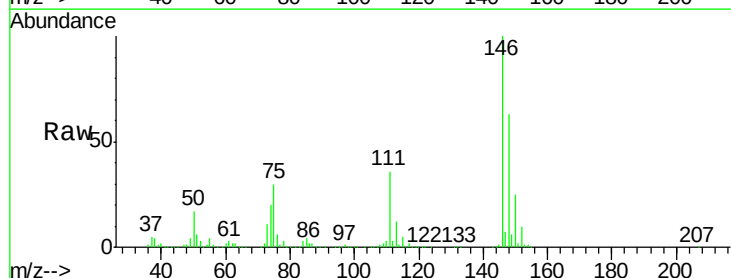
#87
 1,3-Dichlorobenzene
 Concen: 46.978 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

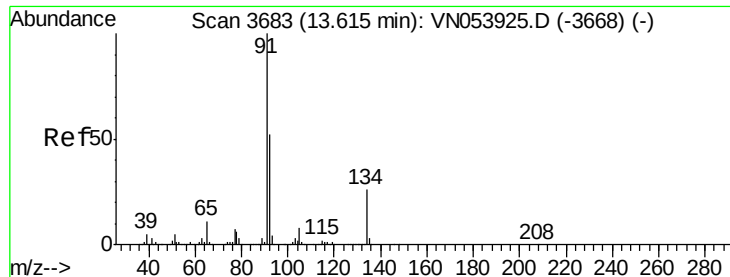
Tot Ion:146 Resp: 662935
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.7 56.1
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.431 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

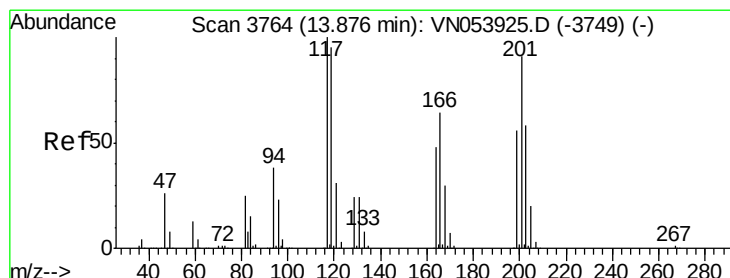
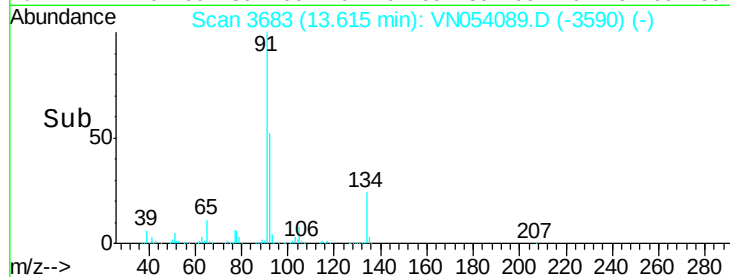
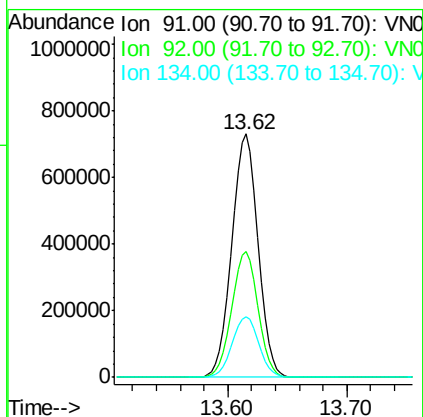
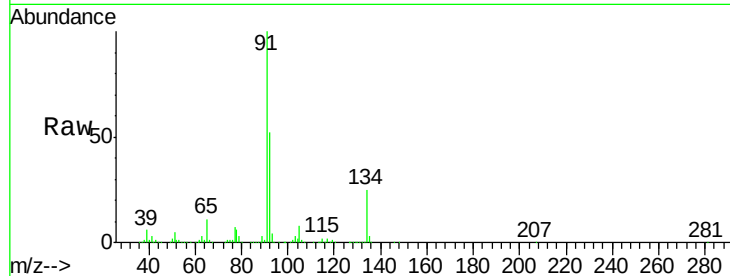
Tgt Ion:146 Resp: 649370
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.0 54.0
 148 63.9 32.1 96.5





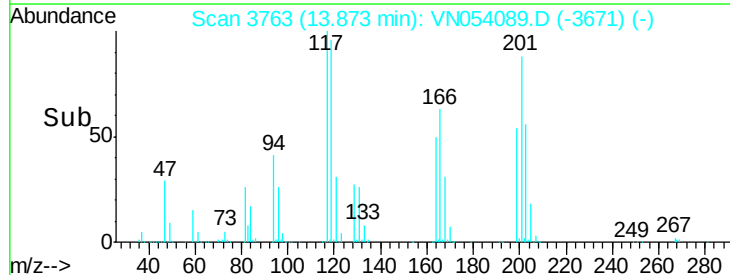
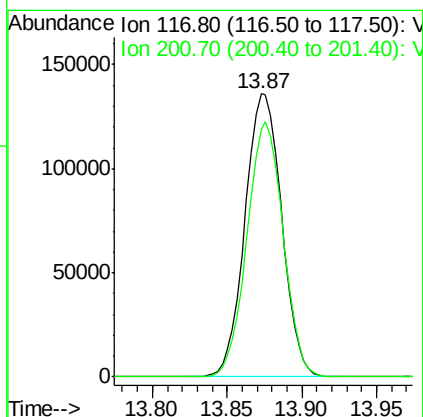
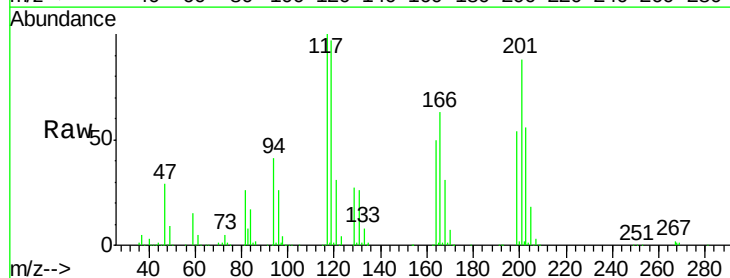
#89
n-Butylbenzene
Concen: 49.248 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

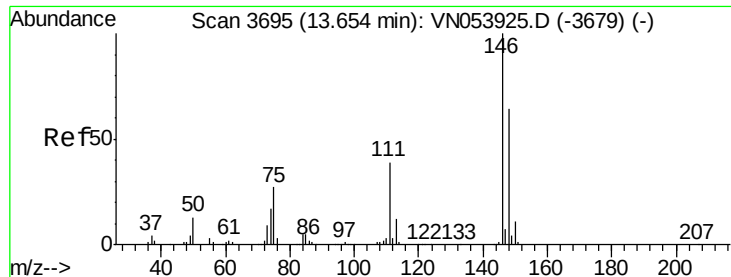
Tot Ion: 91 Resp: 1114861
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 25.3 13.6 40.8



#90
Hexachloroethane
Concen: 44.697 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054089.D
Acq: 5 Mar 2019 1:49

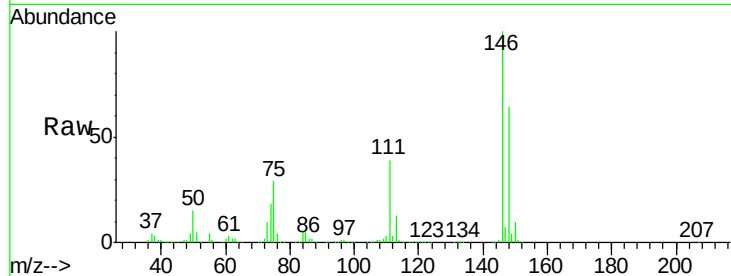
Tgt Ion: 117 Resp: 232657
Ion Ratio Lower Upper
117 100
201 88.6 48.0 144.2



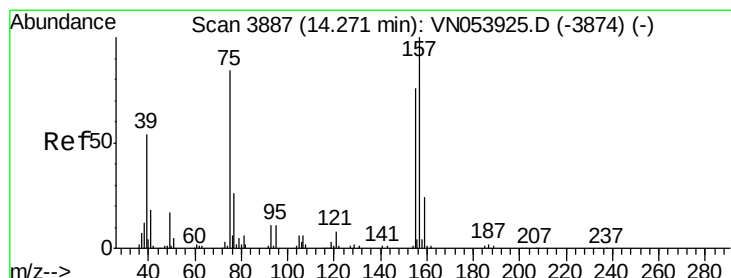
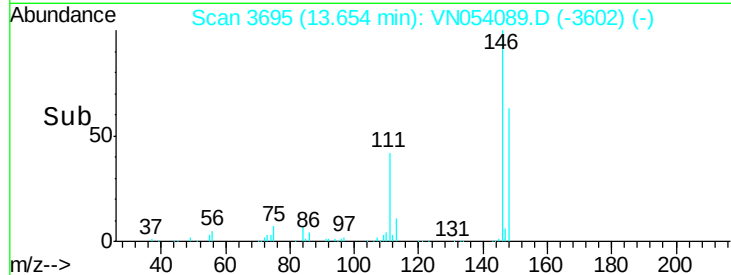
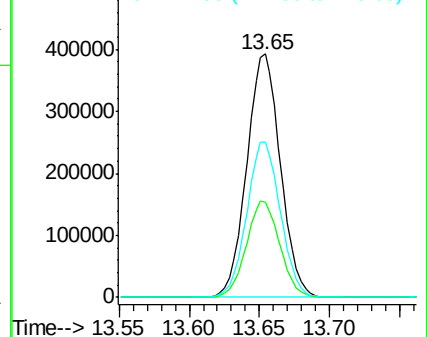


#91
 1,2-Dichlorobenzene
 Concen: 47.969 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.5
148	64.0	32.1	96.5

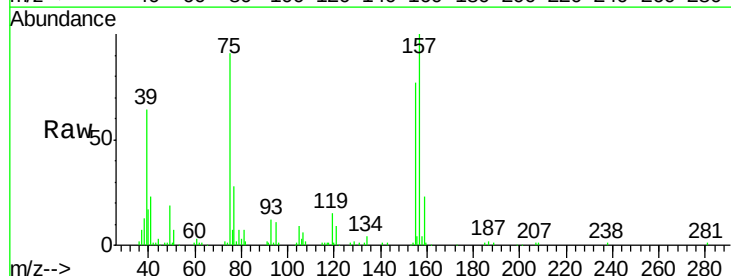


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

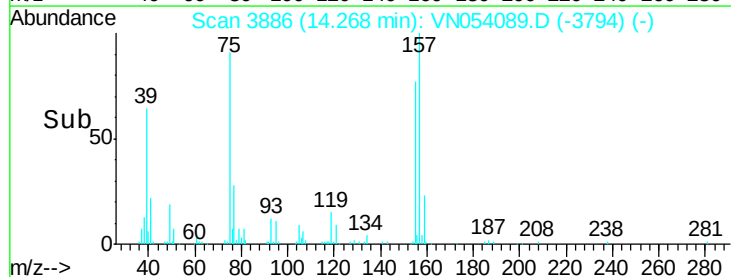
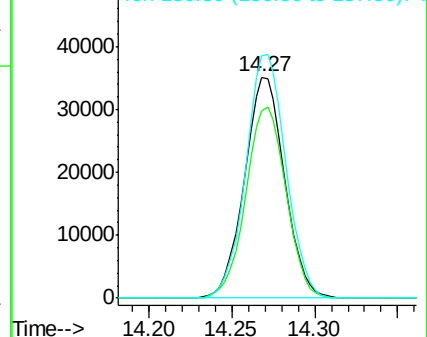


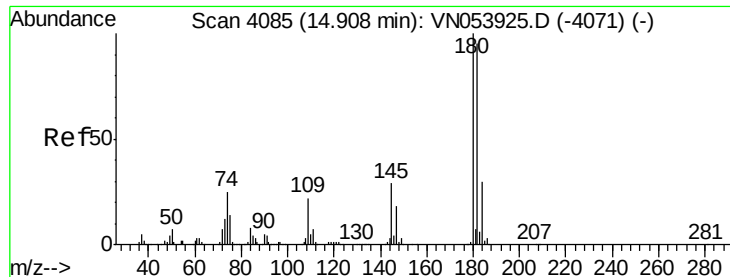
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.028 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054089.D
 Acq: 5 Mar 2019 1:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	49.5	148.5
157	110.1	64.8	194.6



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





#93

1,2,4-Trichlorobenzene

Concen: 44.455 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

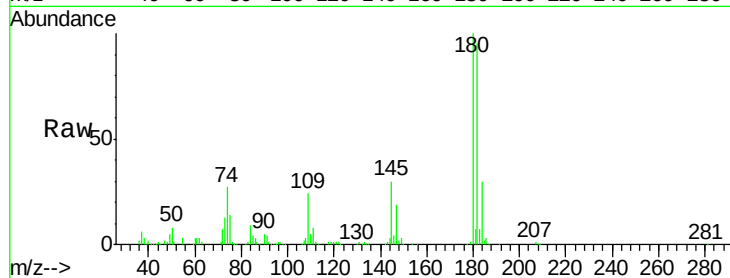
Tot Ion:180 Resp: 335296

Ion Ratio Lower Upper

180 100

182 94.7 48.6 145.9

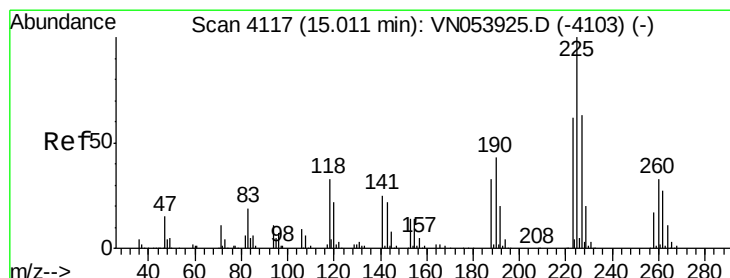
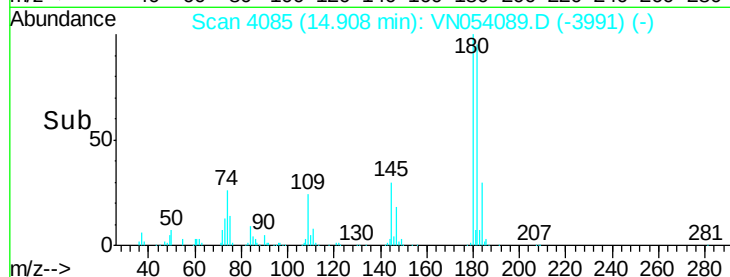
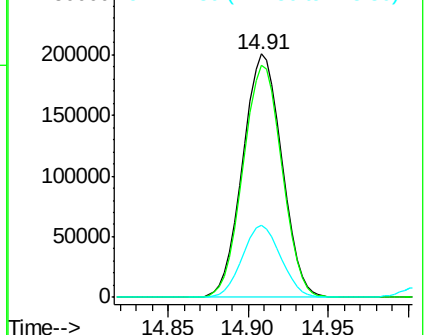
145 29.1 13.8 41.3



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: 44.380 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

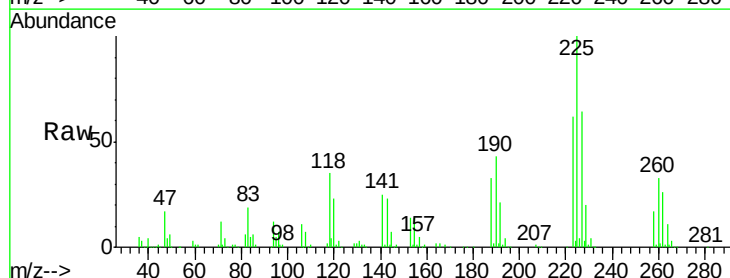
Tgt Ion:225 Resp: 218991

Ion Ratio Lower Upper

225 100

223 61.9 30.9 92.5

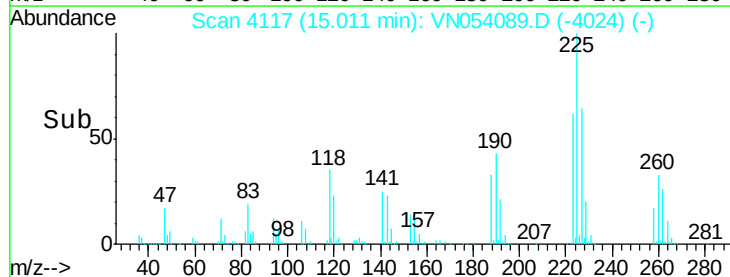
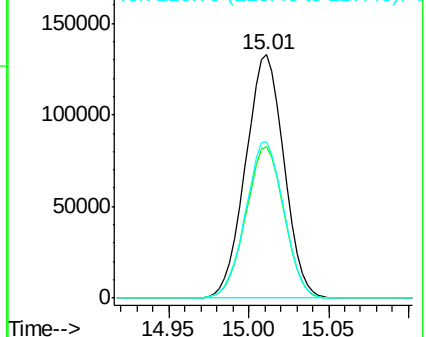
227 64.0 32.5 97.4

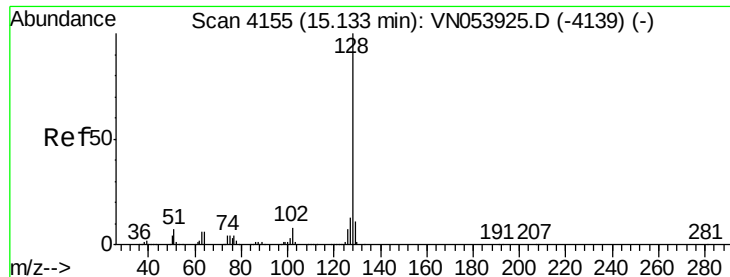


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.242 ug/l

RT: 15.13 min Scan# 4155

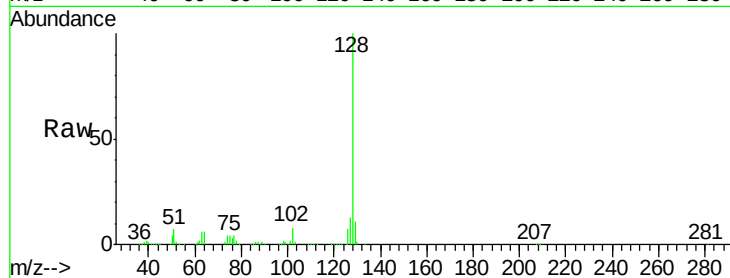
Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tot Ion:128 Resp: 716569

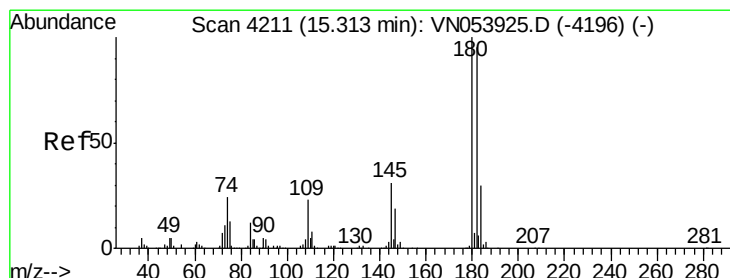
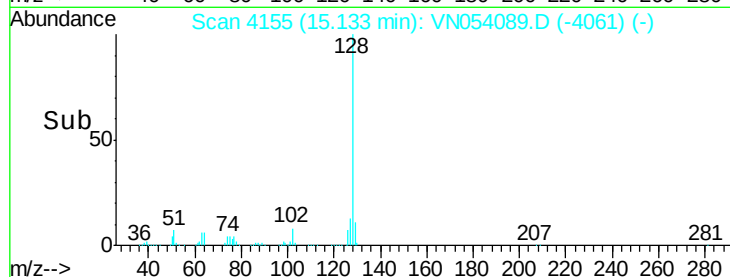
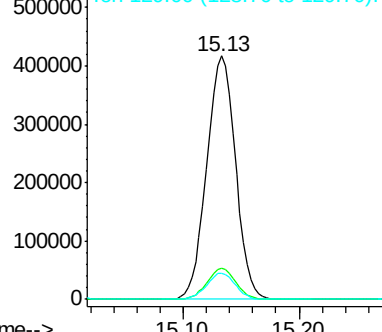
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.6	12.8



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: 45.516 ug/l

RT: 15.31 min Scan# 4211

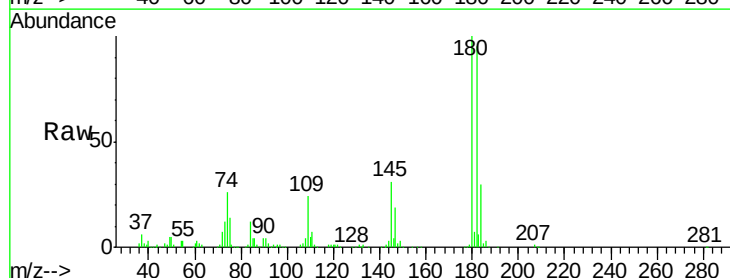
Delta R.T. 0.00 min

Lab File: VN054089.D

Acq: 5 Mar 2019 1:49

Tgt Ion:180 Resp: 330169

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.8
145	30.4	14.4	43.0



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

