

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054064.D
 Acq On : 4 Mar 2019 14:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 05 00:04:37 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	7.66	168	696403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1065307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	941021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	433605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	408201	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	7.59	113	350734	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.09	98	1317843	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	441694	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	298784	46.618	ug/l	98
3) Chloromethane	2.06	50	418627	47.089	ug/l	99
4) Vinyl Chloride	2.19	62	412131	46.268	ug/l	99
5) Bromomethane	2.57	94	247018	41.873	ug/l	97
6) Chloroethane	2.71	64	249161	44.977	ug/l	99
7) Trichlorofluoromethane	3.02	101	528697	46.461	ug/l	99
8) Diethyl Ether	3.41	74	203077	47.633	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.76	101	343700	47.823	ug/l	94
10) Methyl Iodide	3.95	142	443960	47.012	ug/l	97
11) Tert butyl alcohol	4.77	59	117971	227.959	ug/l	99
12) 1,1-Dichloroethene	3.74	96	317975	46.254	ug/l	92
13) Acrolein	3.61	56	79002	147.447	ug/l	99
14) Allyl chloride	4.32	41	594914	49.340	ug/l	94
15) Acrylonitrile	4.98	53	677908	248.543	ug/l	99
16) Acetone	3.81	43	639901	298.479	ug/l	94
17) Carbon Disulfide	4.05	76	968898	43.688	ug/l	99
18) Methyl Acetate	4.32	43	302405	52.978	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	896519	48.614	ug/l	99
20) Methylene Chloride	4.55	84	370664	45.877	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	346807	46.610	ug/l	92
22) Diisopropyl ether	5.95	45	1201821	51.666	ug/l	96
23) Vinyl Acetate	5.89	43	4216337	251.967	ug/l	95
24) 1,1-Dichloroethane	5.85	63	673288	47.199	ug/l	98
25) 2-Butanone	6.83	43	835121	260.539	ug/l	96
26) 2,2-Dichloropropane	6.82	77	505865	49.915	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	395509	47.797	ug/l	92
28) Bromochloromethane	7.19	49	335776	51.426	ug/l #	80
29) Tetrahydrofuran	7.21	42	525773	246.316	ug/l	90
30) Chloroform	7.37	83	658627	47.617	ug/l	100
31) Cyclohexane	7.65	56	627637	48.063	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	541635	47.492	ug/l	96
36) 1,1-Dichloropropene	7.79	75	516521	52.137	ug/l	96
37) Ethyl Acetate	6.93	43	341785	48.316	ug/l	97
38) Carbon Tetrachloride	7.77	117	479987	46.585	ug/l	99

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

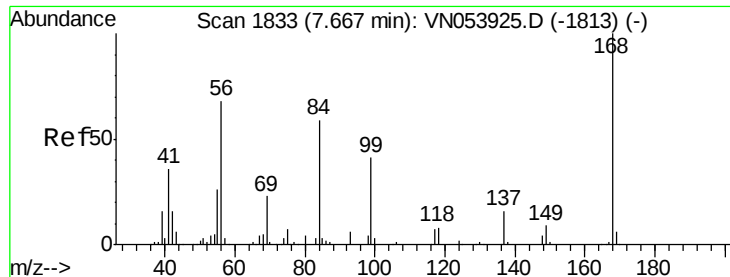
39) Methylcyclohexane	9.08	83	613587	51.385	ug/l	94
40) Benzene	8.04	78	1524553	50.093	ug/l	100
41) Methacrylonitrile	7.17	41	177002	38.859	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	482729	51.232	ug/l	97
43) Isopropyl Acetate	8.16	43	583219	48.830	ug/l #	90
44) Trichloroethene	8.83	130	394682	48.916	ug/l	95
45) 1,2-Dichloropropane	9.12	63	415144	50.559	ug/l	99
46) Dibromomethane	9.21	93	234987	49.295	ug/l	92
47) Bromodichloromethane	9.40	83	506825	50.450	ug/l	99
48) Methyl methacrylate	9.20	41	290049	52.796	ug/l	93
49) 1,4-Dioxane	9.20	88	76231	1024.476	ug/l #	90
51) 4-Methyl-2-Pentanone	9.98	43	1669245	271.973	ug/l	95
52) Toluene	10.16	92	909958	50.776	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	512624	52.443	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	600850	52.142	ug/l #	92
55) 1,1,2-Trichloroethane	10.56	97	335089	50.067	ug/l	99
56) Ethyl methacrylate	10.43	69	416396	47.549	ug/l	89
57) 1,3-Dichloropropane	10.71	76	577969	51.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	992190	243.236	ug/l	95
59) 2-Hexanone	10.75	43	1096320	274.647	ug/l	93
60) Dibromochloromethane	10.90	129	370234	49.775	ug/l	98
61) 1,2-Dibromoethane	11.00	107	315673	48.895	ug/l	99
64) Tetrachloroethene	10.63	164	390004	48.944	ug/l	98
65) Chlorobenzene	11.43	112	970225	48.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	356091	49.750	ug/l	99
67) Ethyl Benzene	11.51	91	1703975	51.180	ug/l	99
68) m/p-Xylenes	11.62	106	1308154	104.104	ug/l	97
69) o-Xylene	11.95	106	628868	50.933	ug/l	98
70) Styrene	11.96	104	1008468	53.103	ug/l	98
71) Bromoform	12.13	173	245256	49.254	ug/l #	100
73) Isopropylbenzene	12.25	105	1651228	48.921	ug/l	99
74) N-amyl acetate	12.07	43	463056	52.343	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	397993	47.152	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	329859m	47.422	ug/l	
77) Bromobenzene	12.53	156	405022	47.262	ug/l	90
78) n-propylbenzene	12.59	91	1977474	51.515	ug/l	97
79) 2-Chlorotoluene	12.67	91	1140983	49.480	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1414180	51.178	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	106934	48.589	ug/l	90
82) 4-Chlorotoluene	12.77	91	1163162	51.037	ug/l	96
83) tert-Butylbenzene	12.99	119	1217419	49.814	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1431263	51.882	ug/l	98
85) sec-Butylbenzene	13.17	105	1683124	50.423	ug/l	98
86) p-Isopropyltoluene	13.29	119	1448035	51.315	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	734325	49.534	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	714988	49.712	ug/l	99
89) n-Butylbenzene	13.61	91	1277718	53.727	ug/l	99
90) Hexachloroethane	13.88	117	254602	46.560	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	706689	49.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58239	48.826	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	359568	45.333	ug/l	98
94) Hexachlorobutadiene	15.01	225	241992	46.682	ug/l	99
95) Naphthalene	15.13	128	710036	41.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	338535	44.462	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054064.D

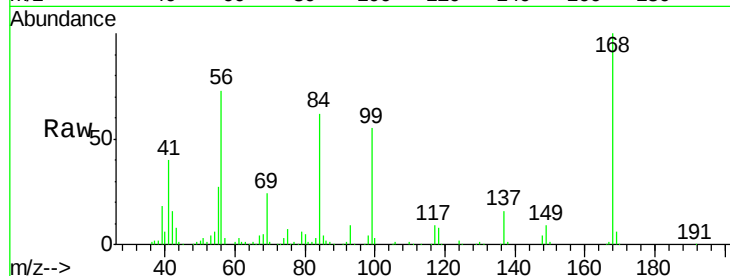
Acq: 4 Mar 2019 14:27

Tot Ion:168 Resp: 696403

Ion Ratio Lower Upper

168 100

99 54.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

300000

250000

200000

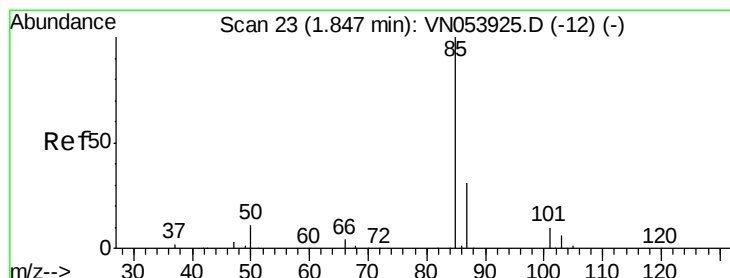
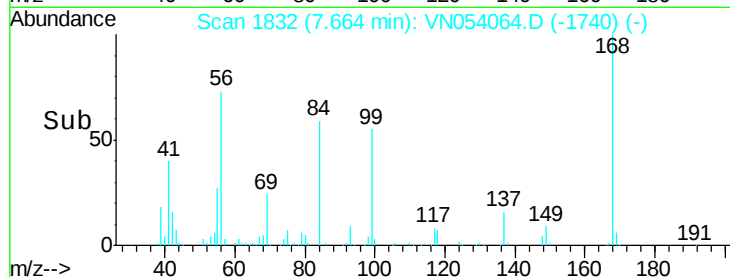
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.618 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN054064.D

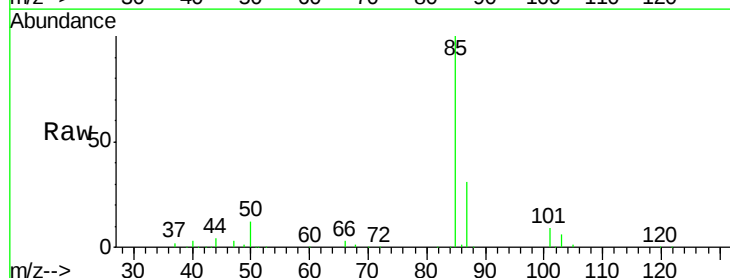
Acq: 4 Mar 2019 14:27

Tgt Ion: 85 Resp: 298784

Ion Ratio Lower Upper

85 100

87 31.4 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

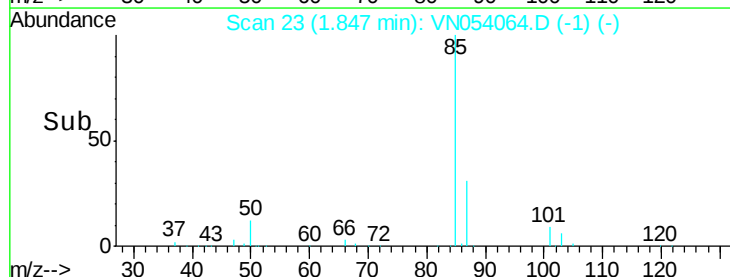
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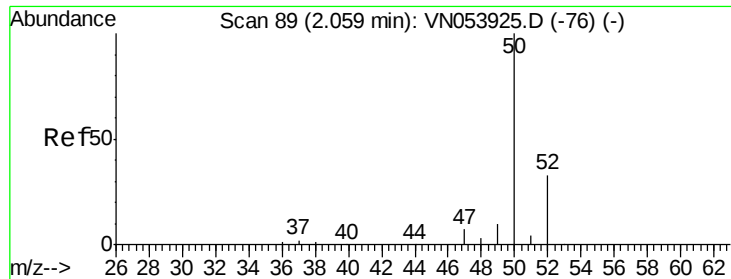
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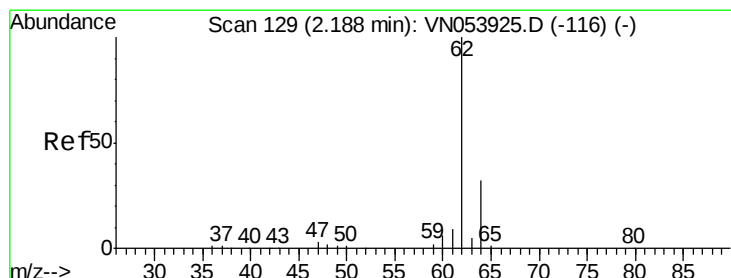
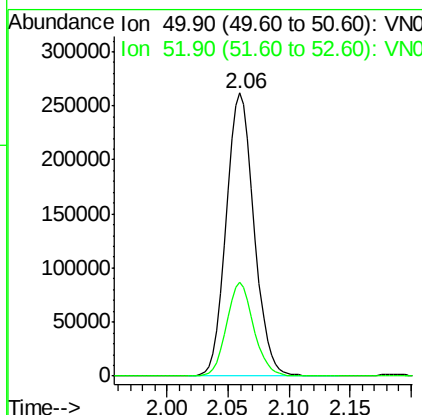
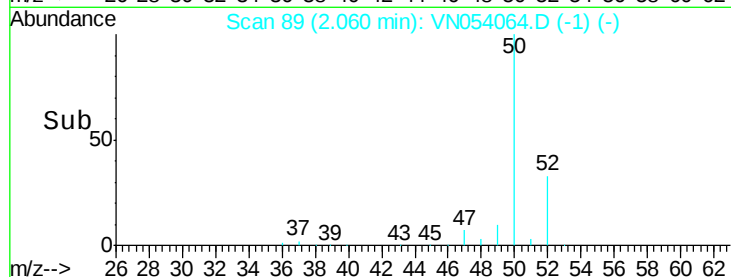
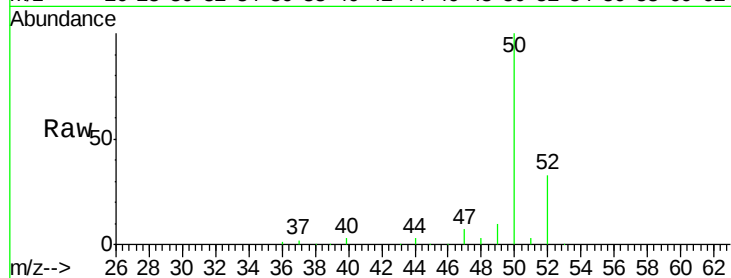
Time-->





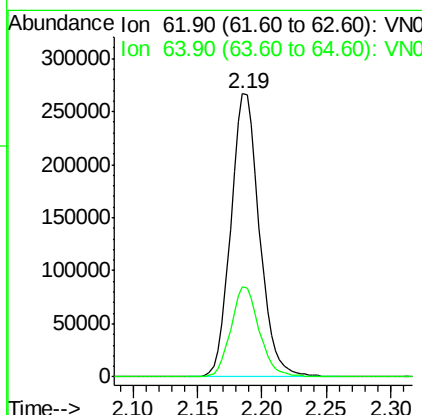
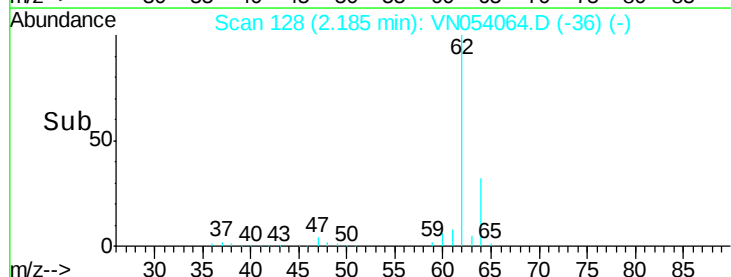
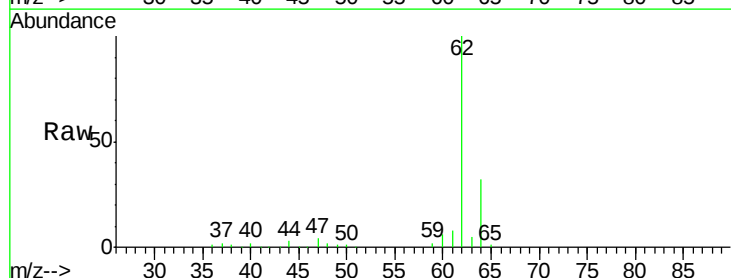
#3
 Chloromethane
 Concen: 47.089 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

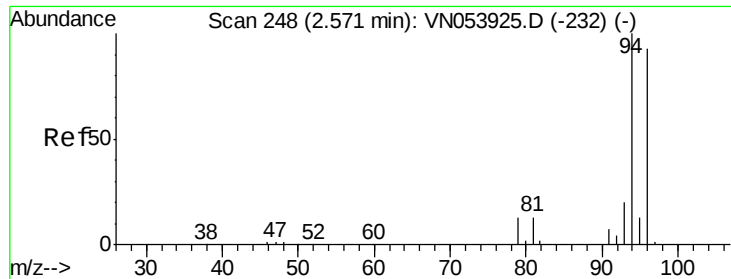
Tot Ion: 50 Resp: 418627
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.0 39.0



#4
 Vinyl Chloride
 Concen: 46.268 ug/l
 RT: 2.19 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion: 62 Resp: 412131
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.1 37.7





#5

Bromomethane

Concen: 41.873 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN054064.D

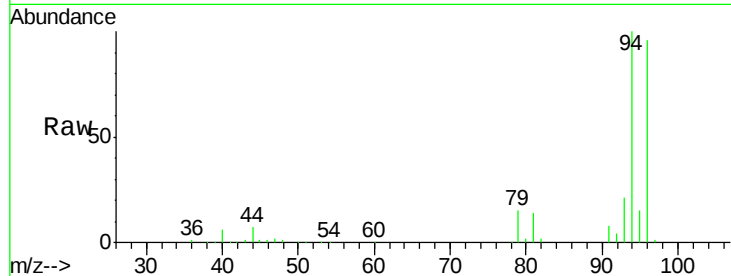
Acq: 4 Mar 2019 14:27

Tot Ion: 94 Resp: 247018

Ion Ratio Lower Upper

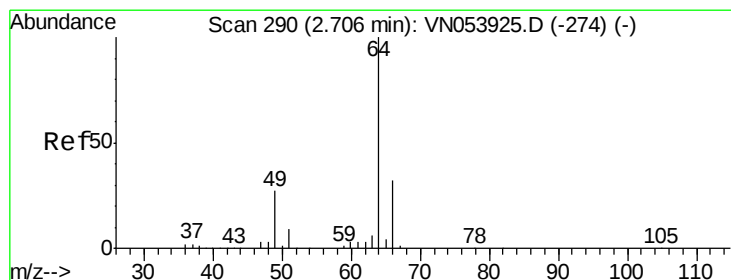
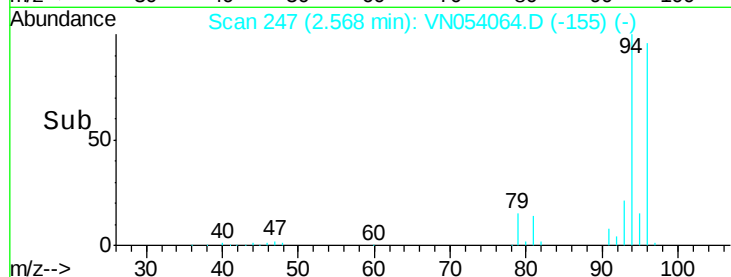
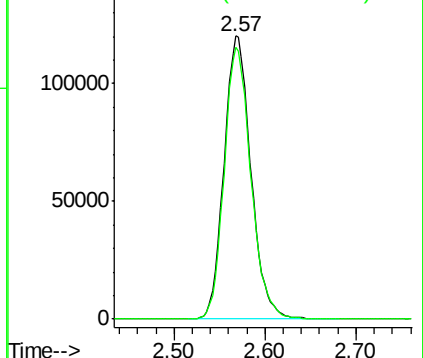
94 100

96 96.0 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: 44.977 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054064.D

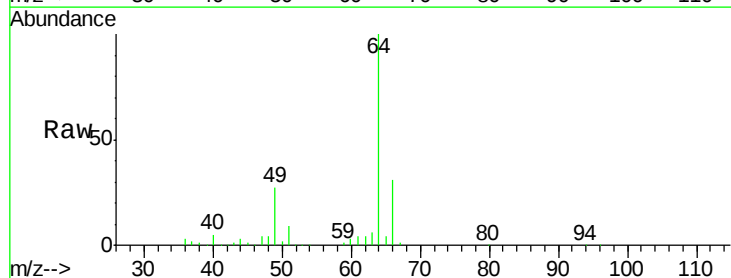
Acq: 4 Mar 2019 14:27

Tgt Ion: 64 Resp: 249161

Ion Ratio Lower Upper

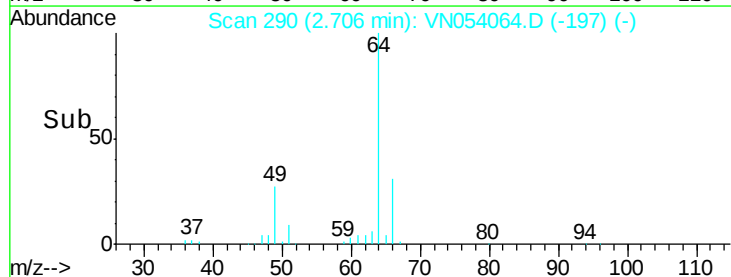
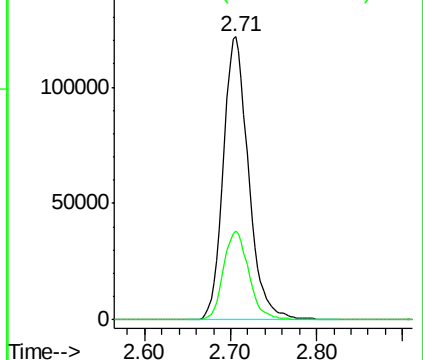
64 100

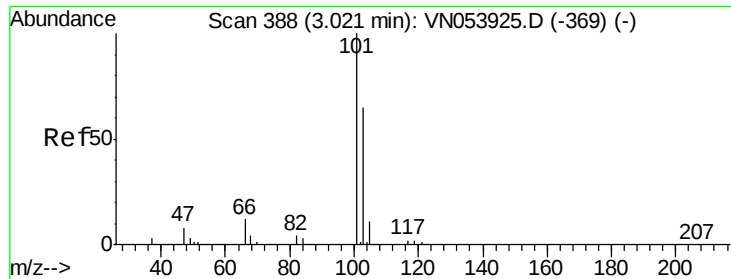
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

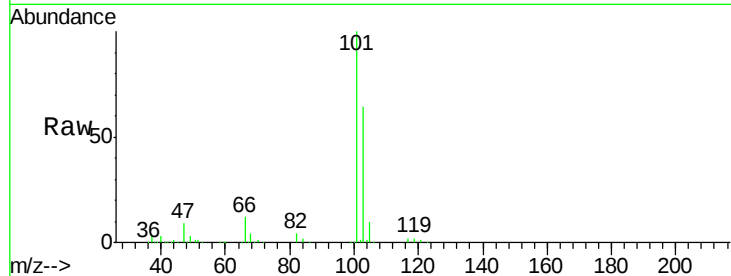




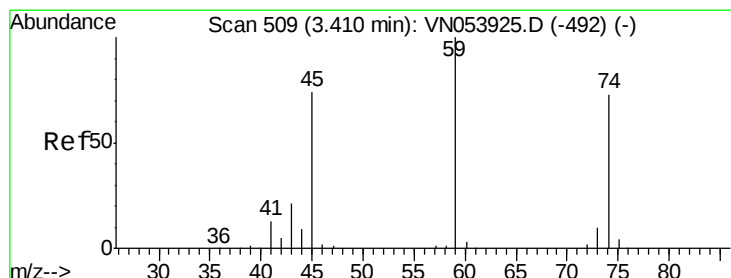
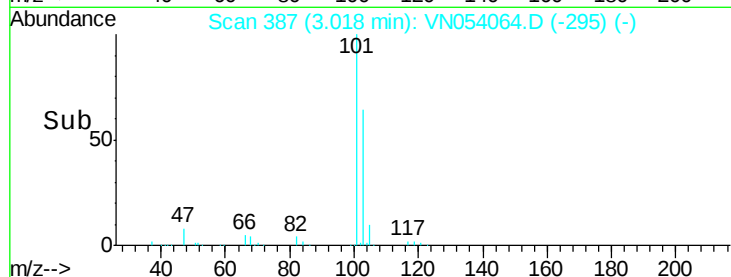
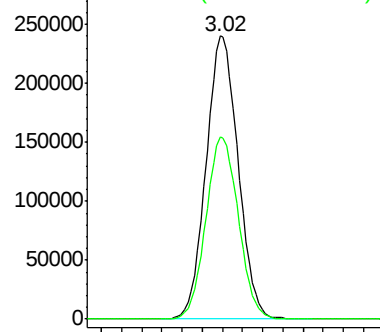
#7

Trichlorofluoromethane
Concen: 46.461 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion:101 Resp: 528697
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9



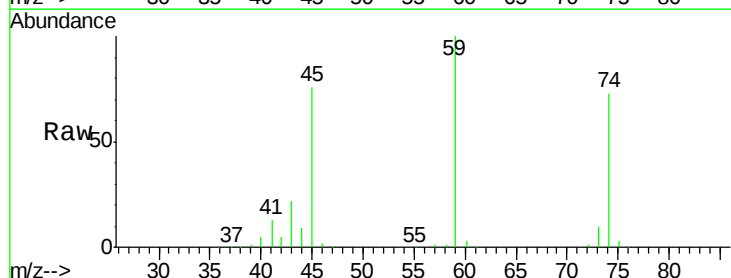
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



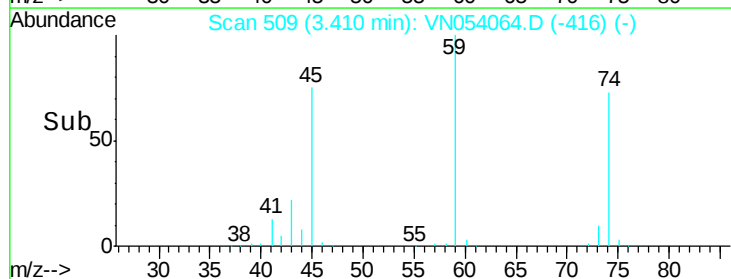
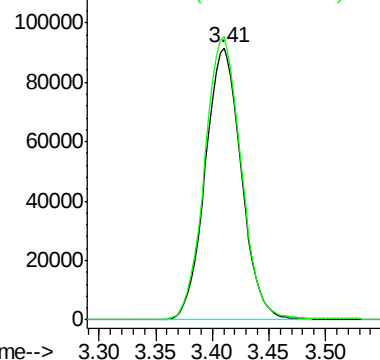
#8

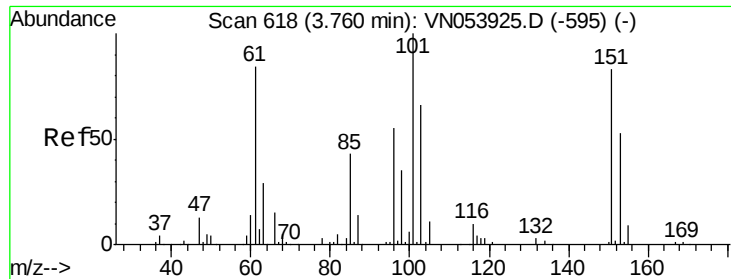
Diethyl Ether
Concen: 47.633 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion: 74 Resp: 203077
Ion Ratio Lower Upper
74 100
45 104.8 46.9 140.6



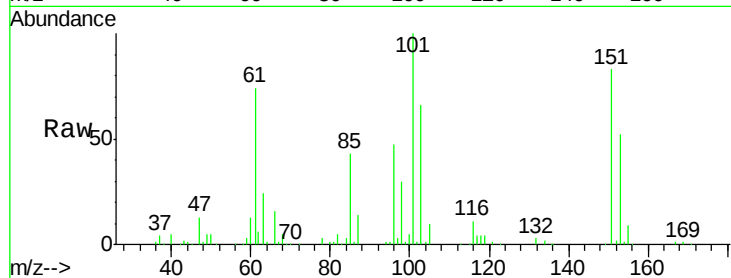
Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO



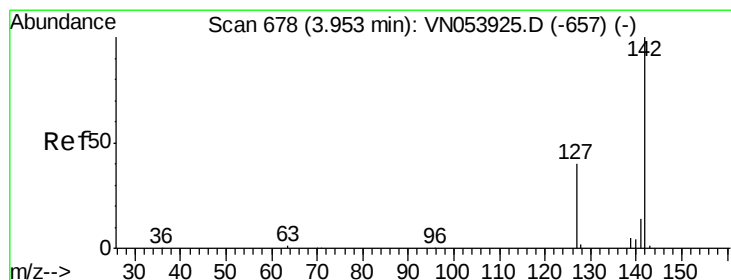
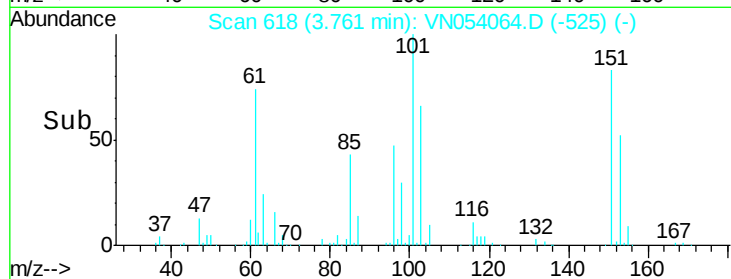
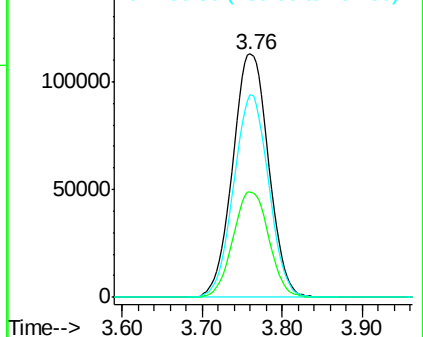


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.823 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.2	32.5	48.7
151	80.9	70.2	105.2

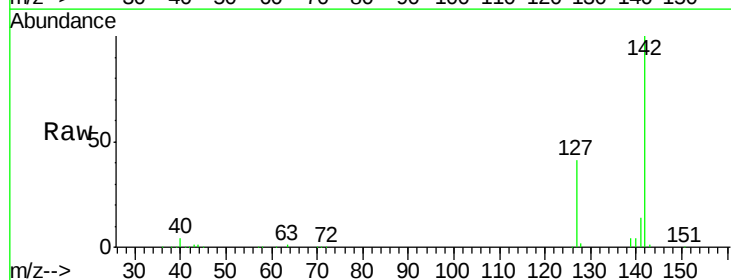


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

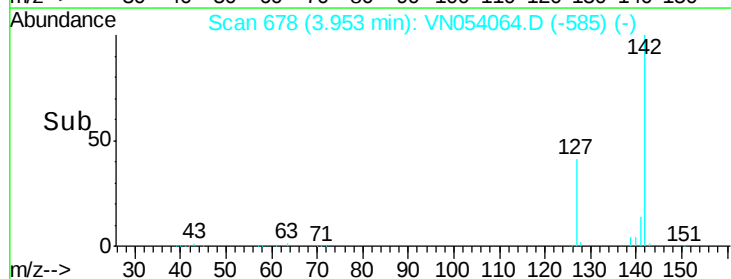
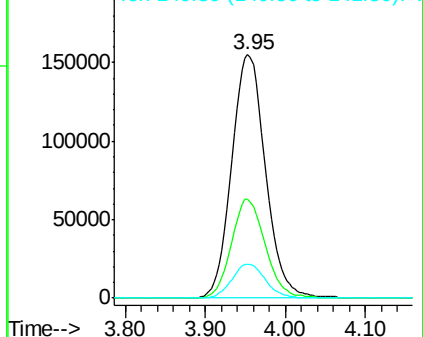


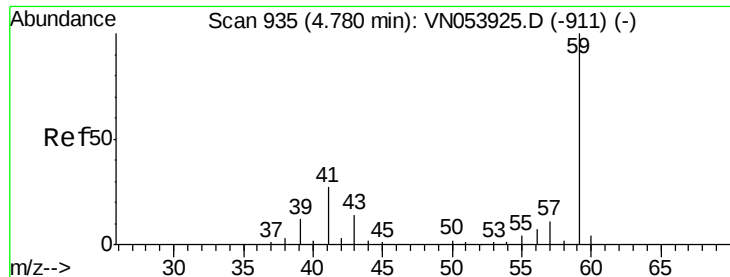
#10
 Methyl Iodide
 Concen: 47.012 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.8	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

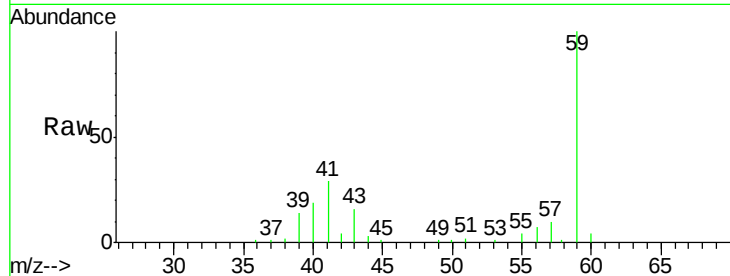




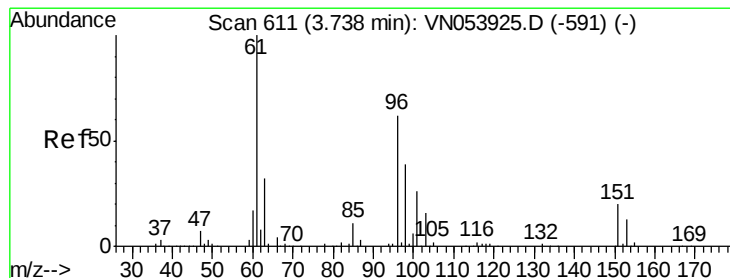
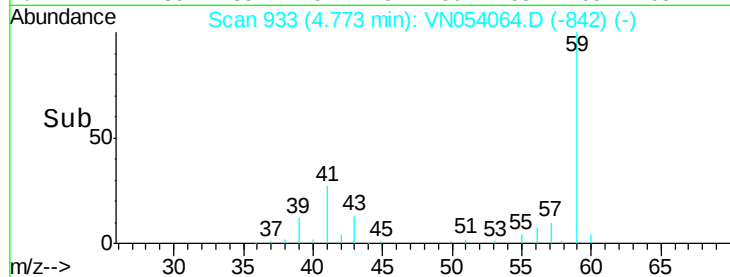
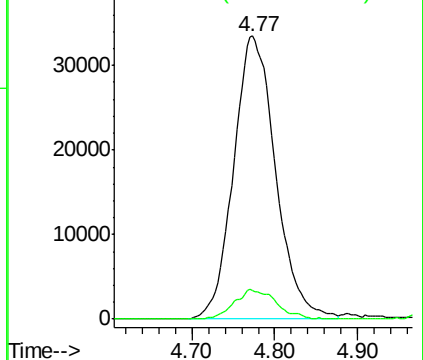
#11

Tert butyl alcohol
Concen: 227.959 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion: 59 Resp: 117971
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



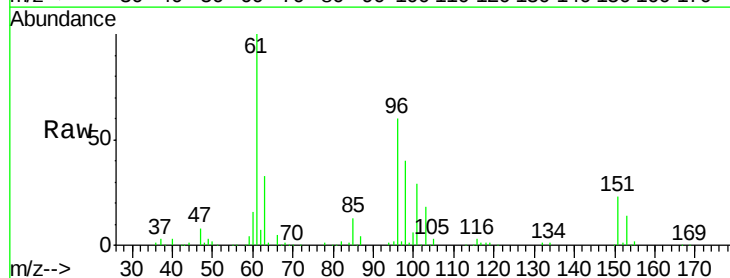
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



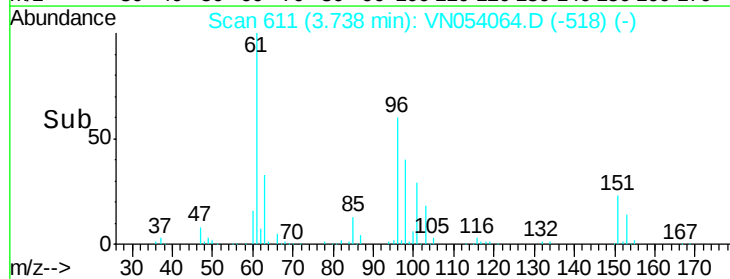
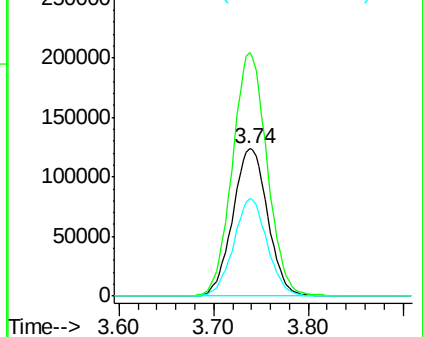
#12

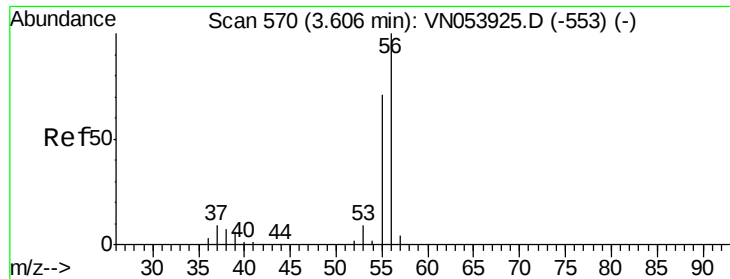
1,1-Dichloroethene
Concen: 46.254 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion: 96 Resp: 317975
Ion Ratio Lower Upper
96 100
61 165.3 121.0 181.4
98 66.7 52.2 78.2



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





#13

Acrolein

Concen: 147.447 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054064.D

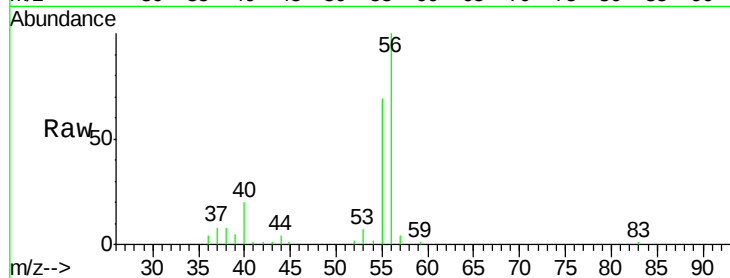
Acq: 4 Mar 2019 14:27

Tot Ion: 56 Resp: 79002

Ion Ratio Lower Upper

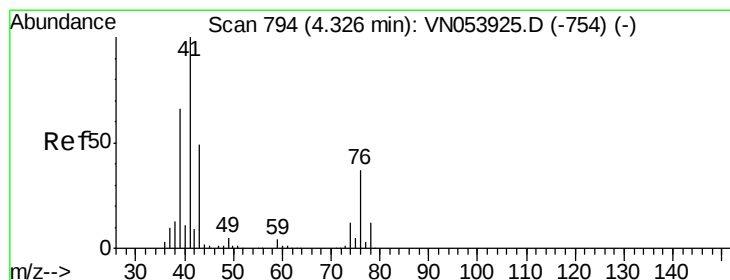
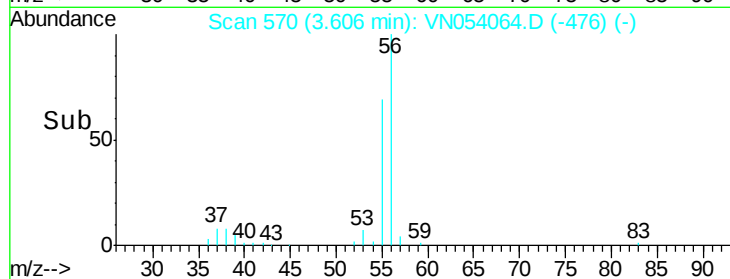
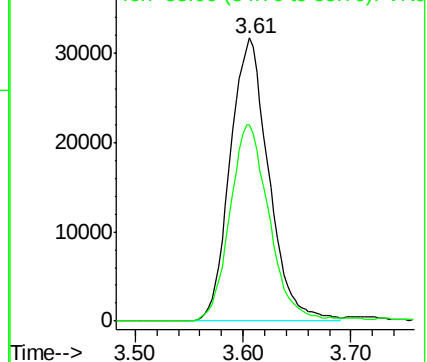
56 100

55 69.9 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: 49.340 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

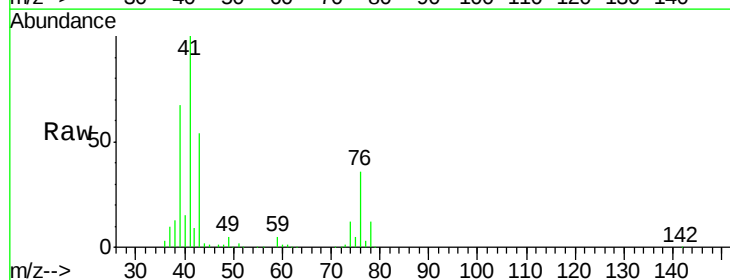
Tgt Ion: 41 Resp: 594914

Ion Ratio Lower Upper

41 100

39 64.4 48.8 73.2

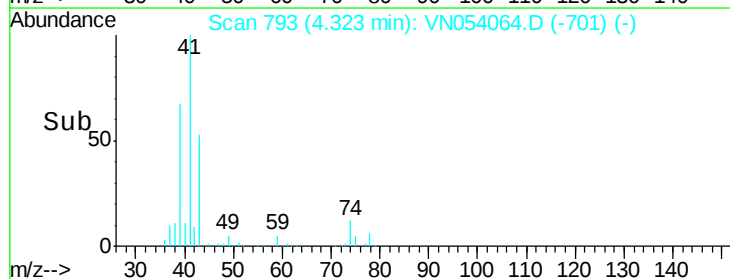
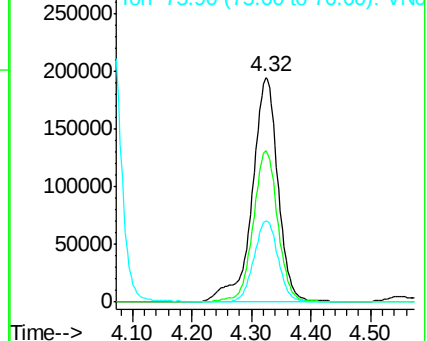
76 33.5 30.9 46.3

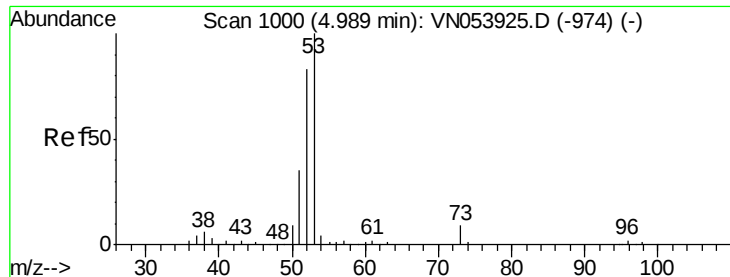


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 248.543 ug/l

RT: 4.98 min Scan# 998

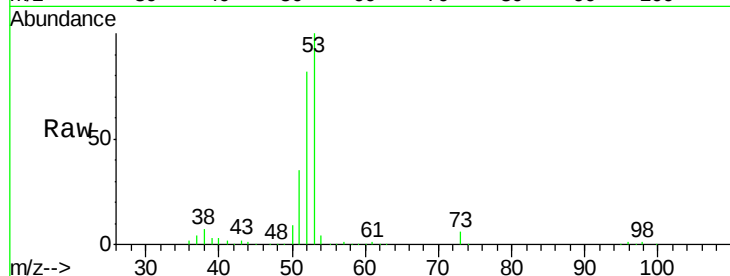
Delta R.T. -0.01 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tot Ion: 53 Resp: 677908

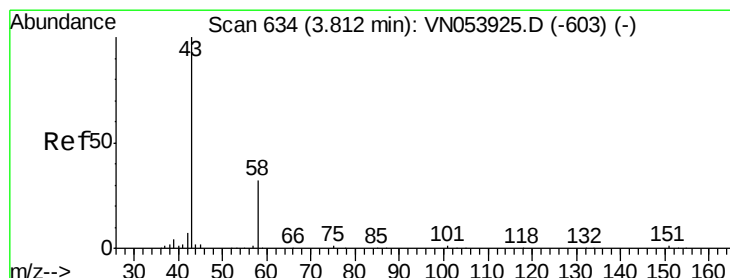
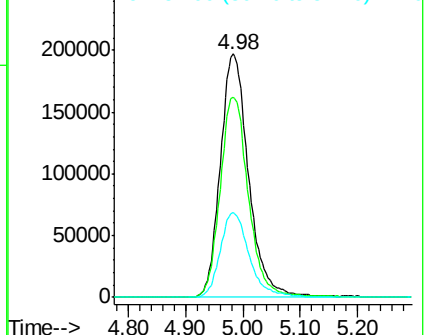
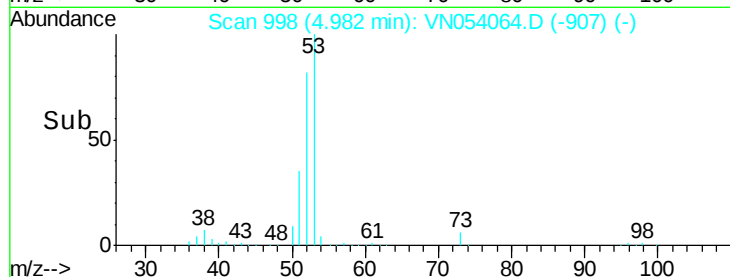
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.1	97.7
51	35.7	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 298.479 ug/l

RT: 3.81 min Scan# 634

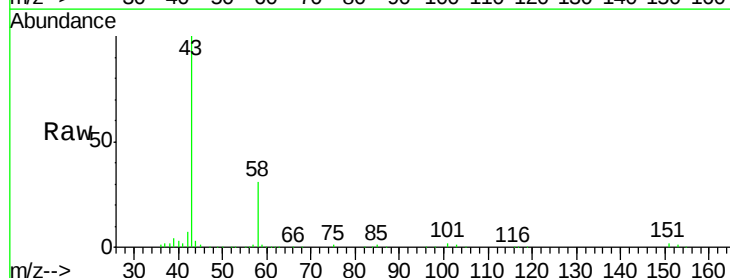
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

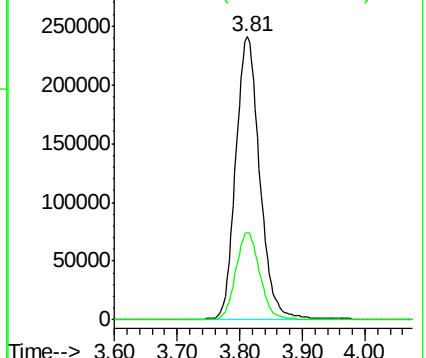
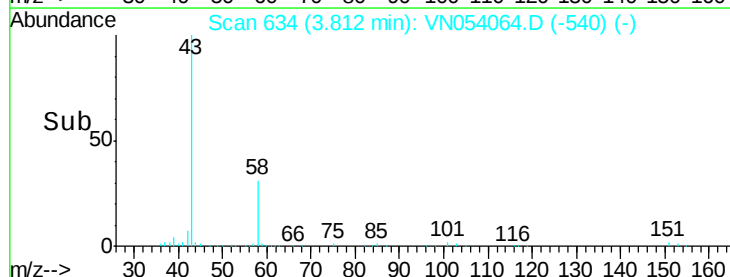
Tgt Ion: 43 Resp: 639901

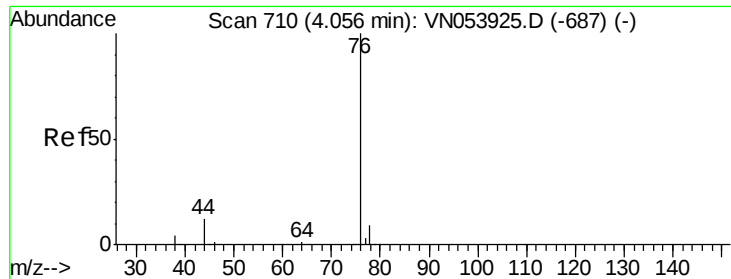
Ion	Ratio	Lower	Upper
43	100		
58	31.0	27.6	41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 43.688 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN054064.D

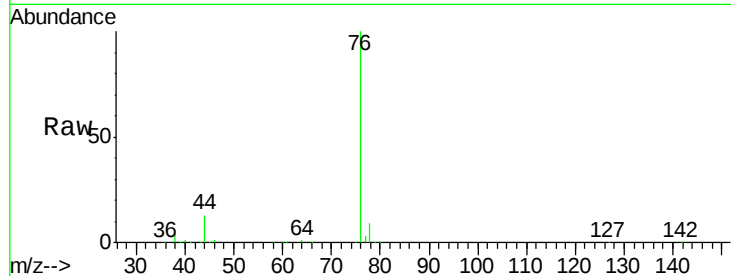
Acq: 4 Mar 2019 14:27

Tot Ion: 76 Resp: 968898

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN053925.D (-687) (-)

Ion 77.90 (77.60 to 78.60): VN053925.D (-687) (-)

4.05

400000

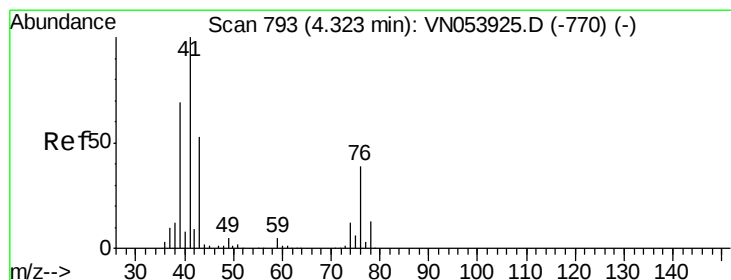
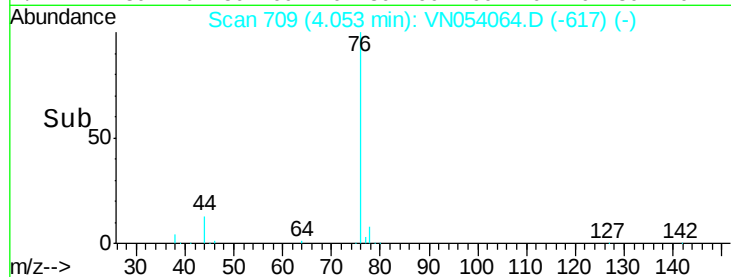
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 52.978 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN054064.D

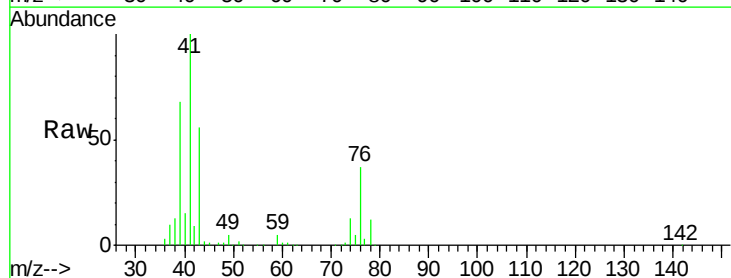
Acq: 4 Mar 2019 14:27

Tgt Ion: 43 Resp: 302405

Ion Ratio Lower Upper

43 100

74 22.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN053925.D (-770) (-)

4.32

120000

100000

80000

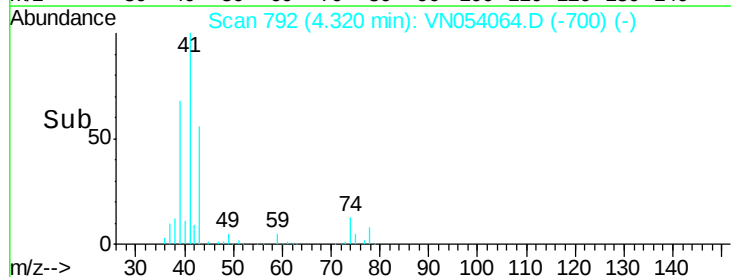
60000

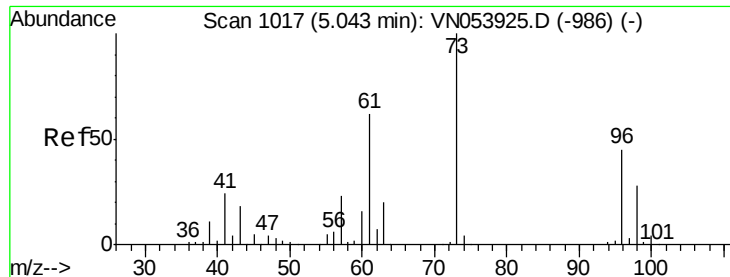
40000

20000

0

Time-->

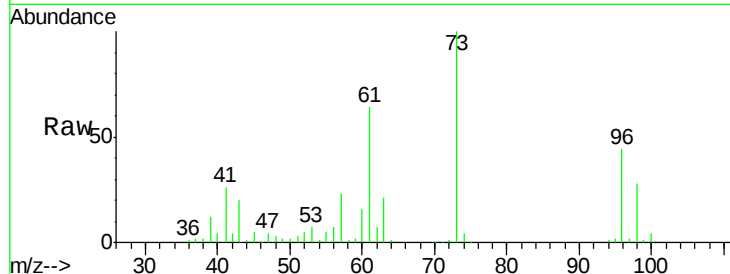




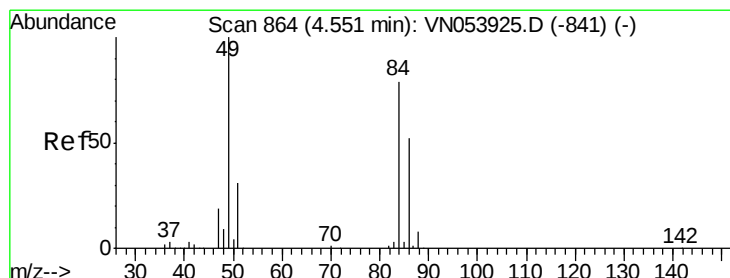
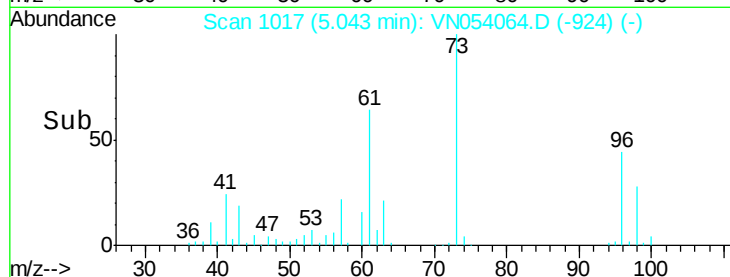
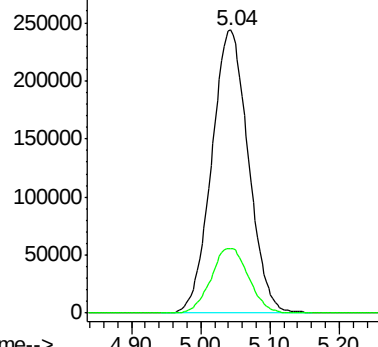
#19

Methyl tert-butyl Ether
 Concen: 48.614 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tot Ion: 73 Resp: 896519
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.0 27.0



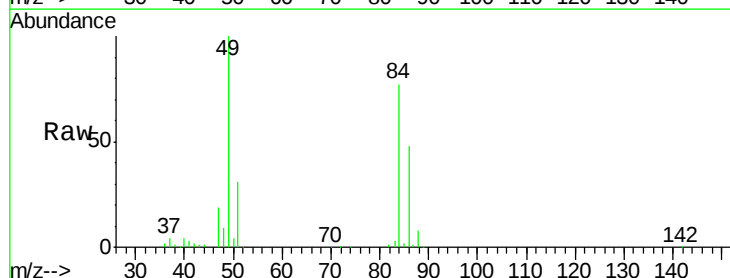
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



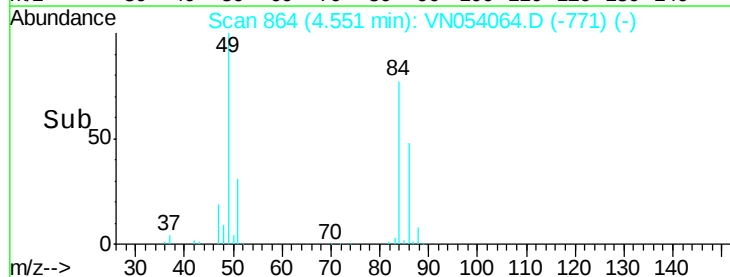
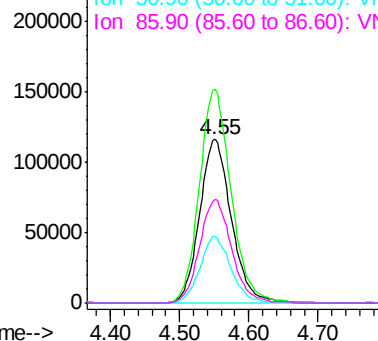
#20

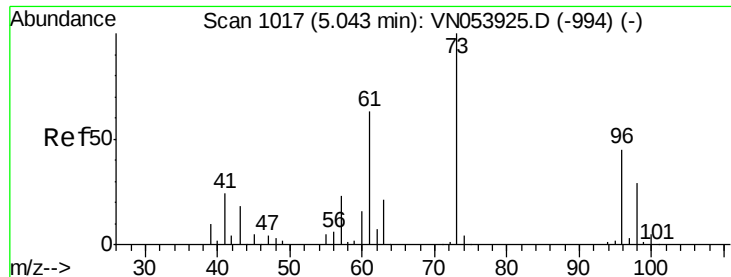
Methylene Chloride
 Concen: 45.877 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion: 84 Resp: 370664
 Ion Ratio Lower Upper
 84 100
 49 130.4 89.7 134.5
 51 40.9 27.8 41.8
 86 63.1 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0

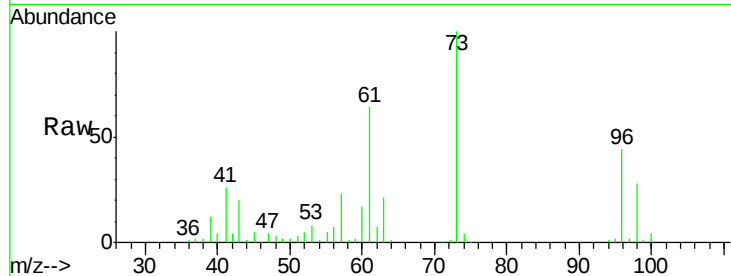




#21

trans-1,2-Dichloroethene
Concen: 46.610 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	104.5	156.7
98	63.5	50.6	76.0

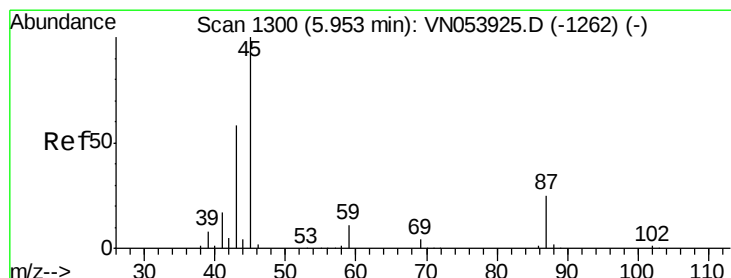
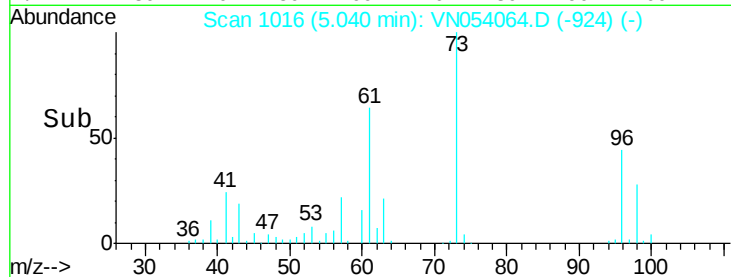
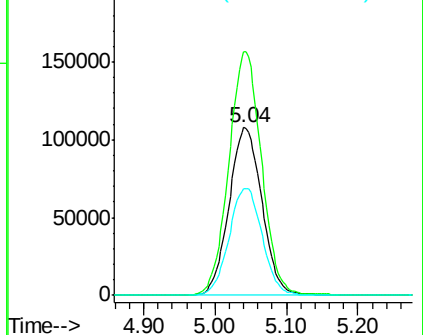


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

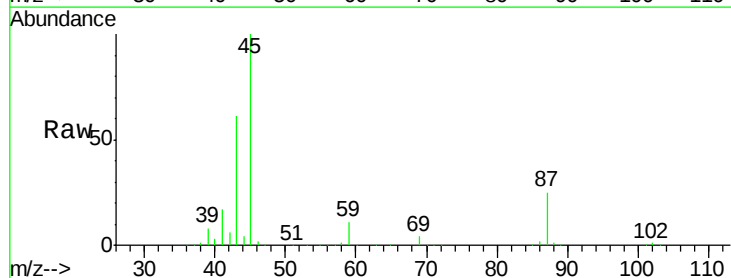
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 51.666 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.01 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.2	69.4
87	24.7	23.4	35.0
59	11.0	9.4	14.0



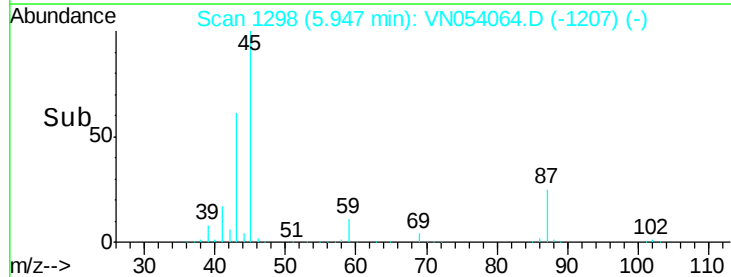
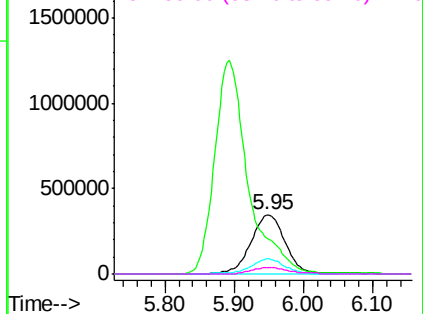
Abundance

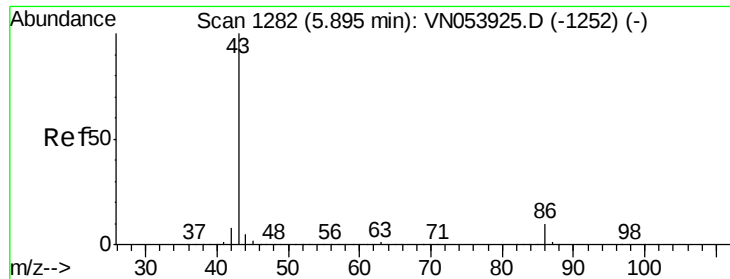
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

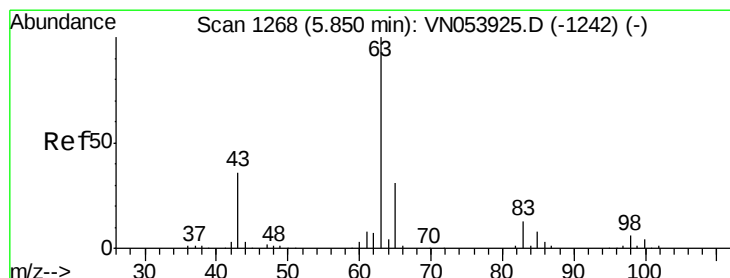
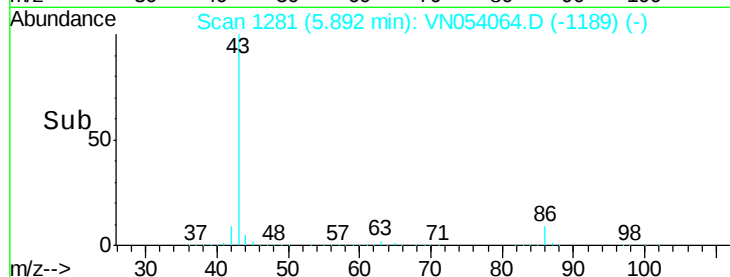
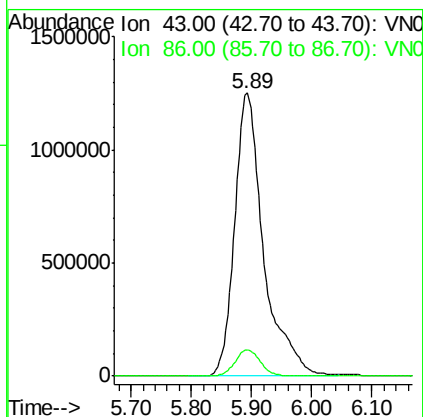
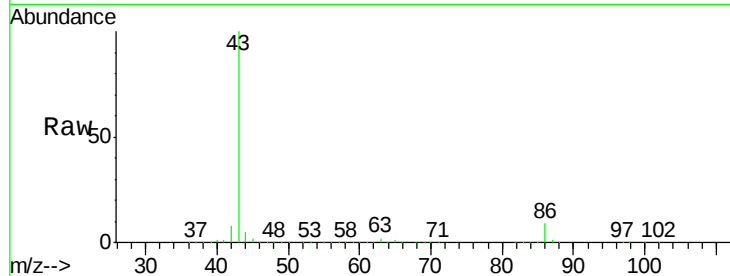
Ion 59.00 (58.70 to 59.70): VN0





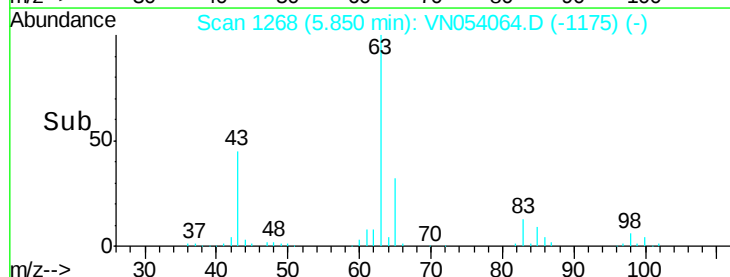
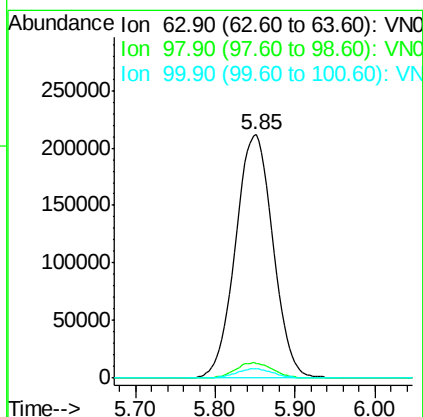
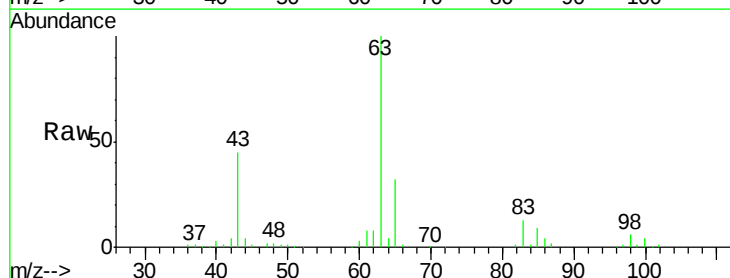
#23
 Vinyl Acetate
 Concen: 251.967 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

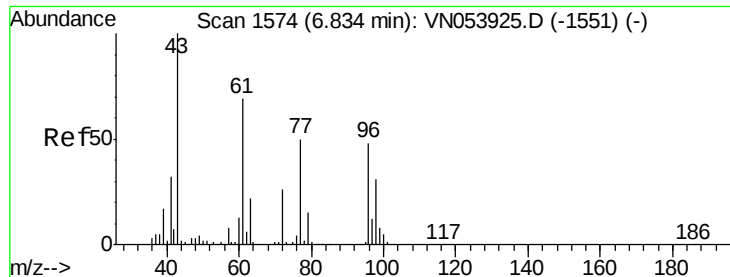
Tot Ion: 43 Resp: 4216337
 Ion Ratio Lower Upper
 43 100
 86 9.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 47.199 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

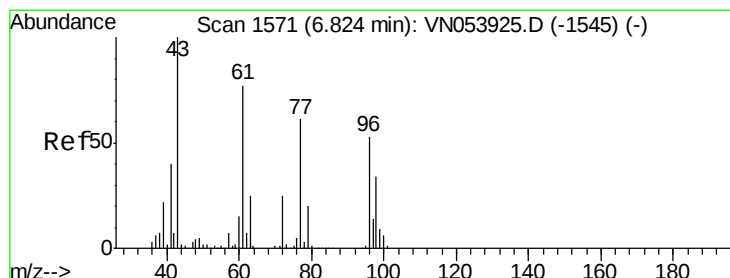
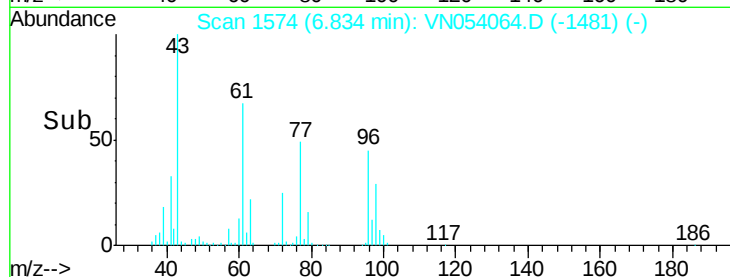
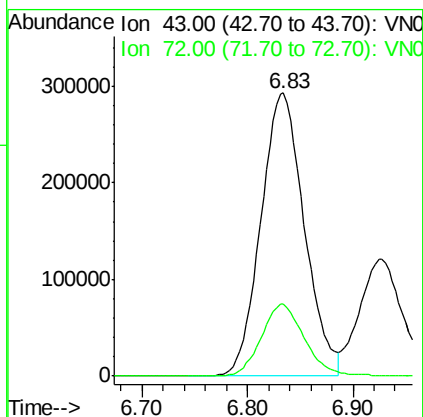
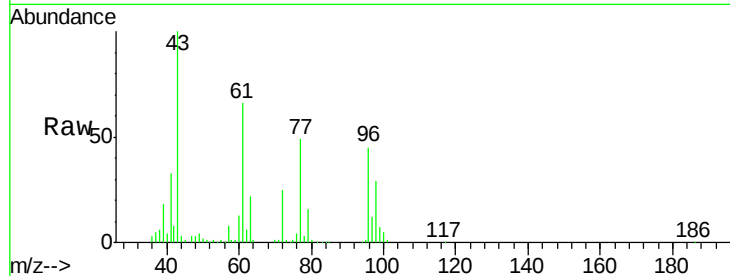
Tgt Ion: 63 Resp: 673288
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 3.9 2.2 6.6





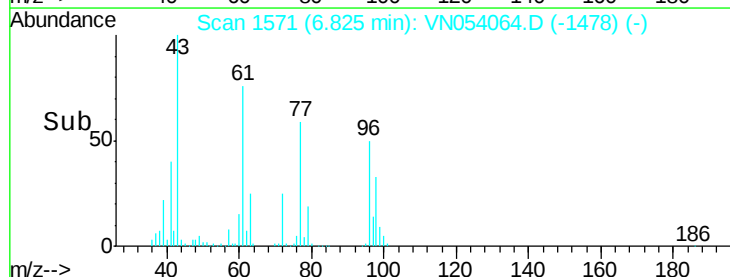
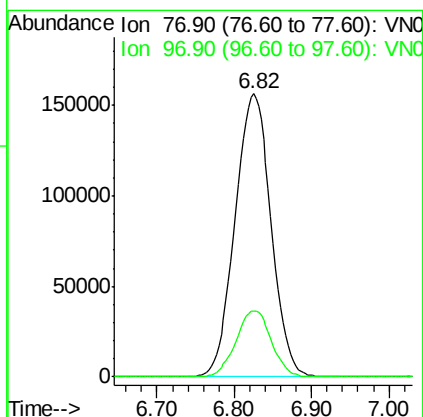
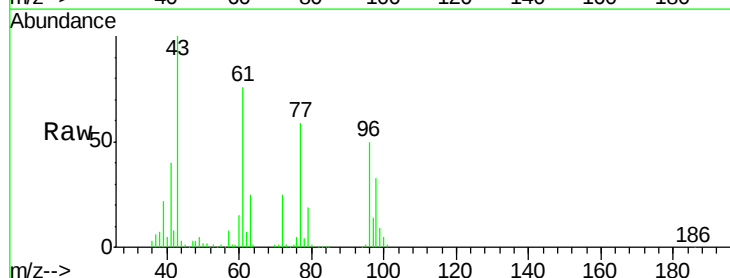
#25
2-Butanone
Concen: 260.539 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

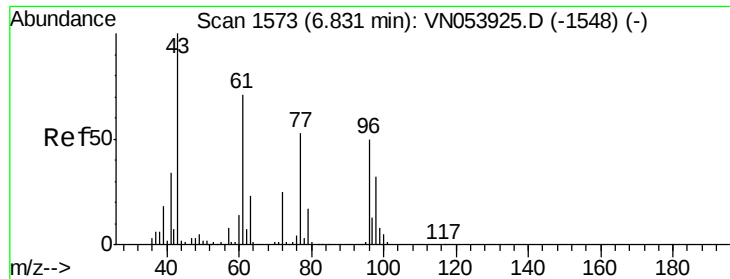
Tot Ion: 43 Resp: 835121
Ion Ratio Lower Upper
43 100
72 25.4 22.1 33.1



#26
2,2-Dichloropropane
Concen: 49.915 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

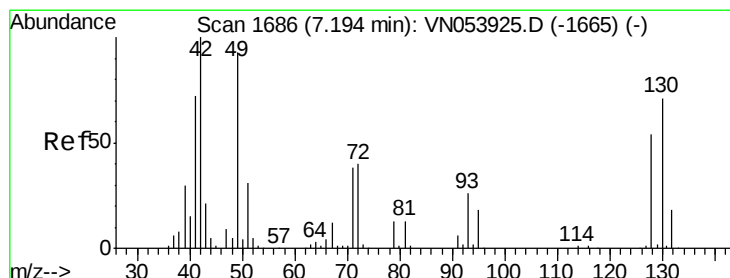
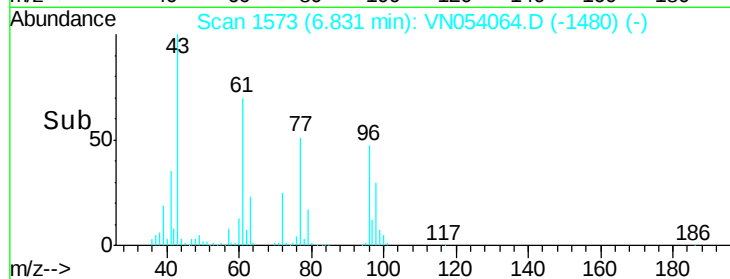
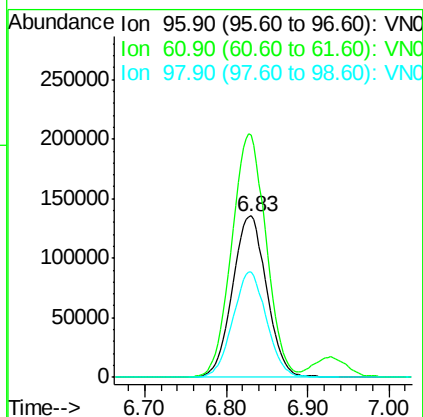
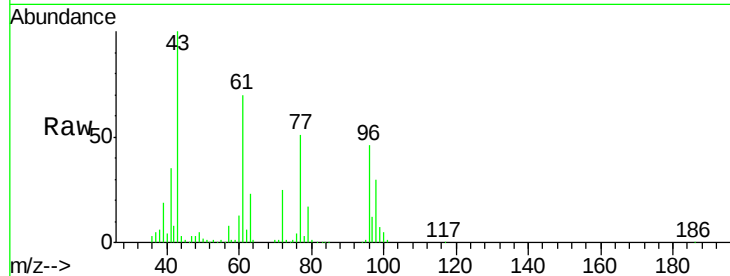
Tgt Ion: 77 Resp: 505865
Ion Ratio Lower Upper
77 100
97 23.0 12.3 36.9





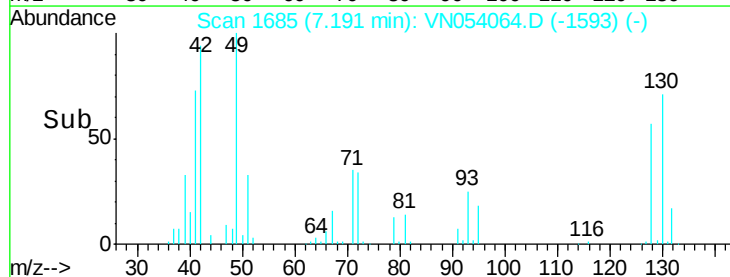
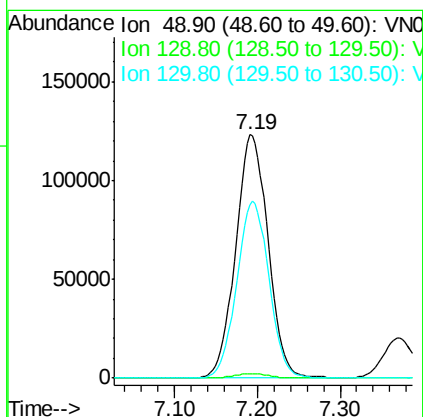
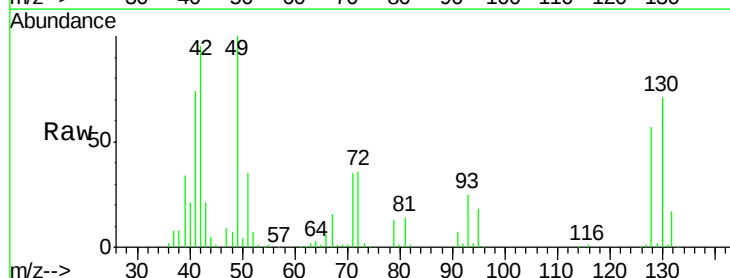
#27
 cis-1,2-Dichloroethene
 Concen: 47.797 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

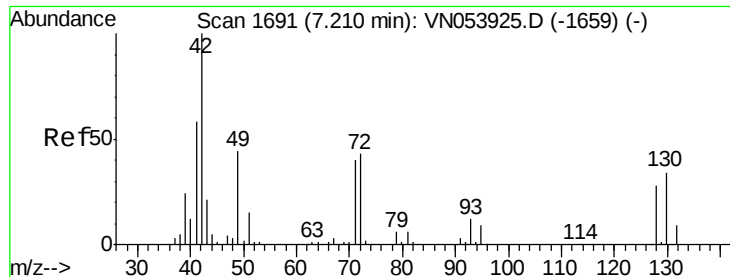
Tot Ion	96	Resp	395509
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	275.6
98	64.5	0.0	130.0



#28
 Bromochloromethane
 Concen: 51.426 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion	49	Resp	335776
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	72.0	72.9	109.3#





#29

Tetrahydrofuran

Concen: 246.316 ug/l

RT: 7.21 min Scan# 1691

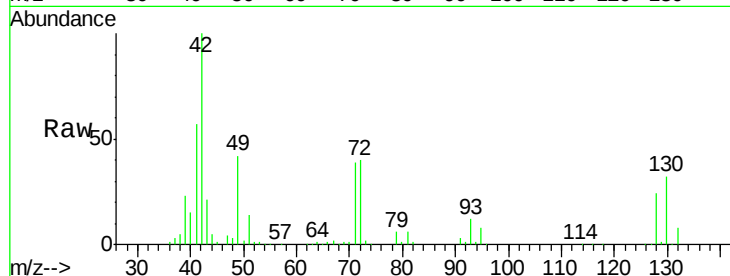
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tot Ion: 42 Resp: 525773

Ion	Ratio	Lower	Upper
42	100		
72	39.5	36.9	55.3
71	37.5	34.6	52.0

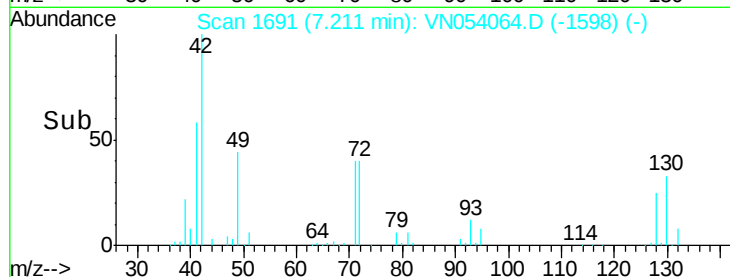


Abundance

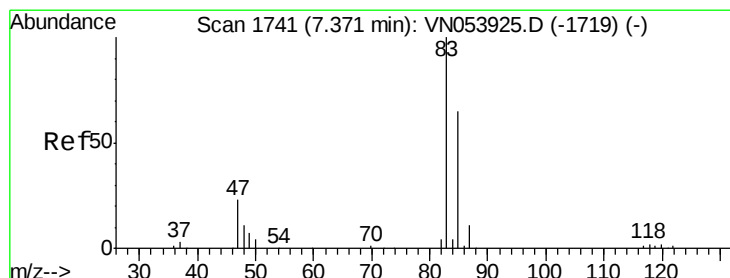
Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#30

Chloroform

Concen: 47.617 ug/l

RT: 7.37 min Scan# 1741

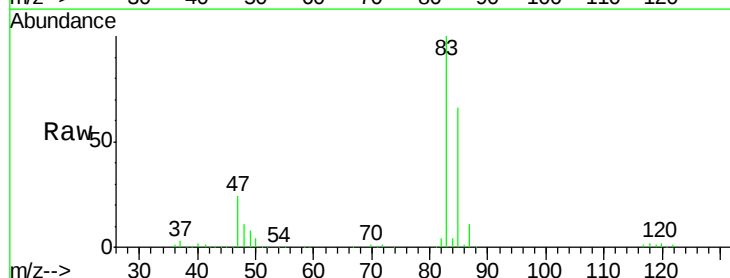
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tgt Ion: 83 Resp: 658627

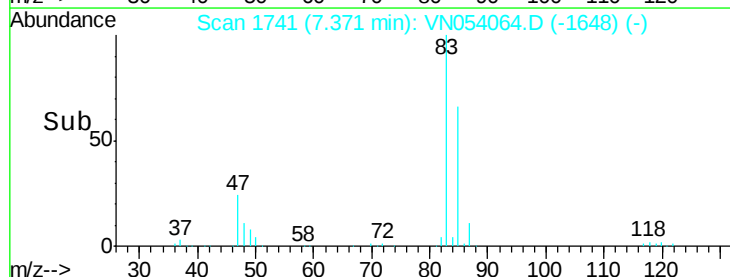
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	78.8



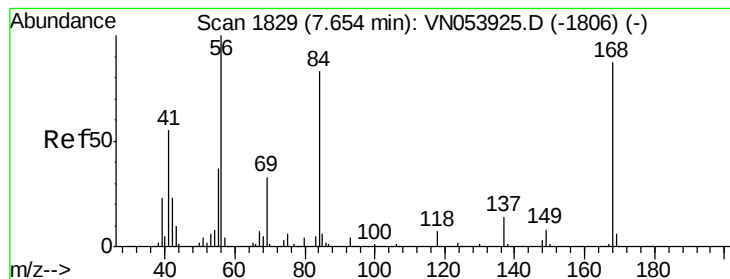
Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#31

Cyclohexane

Concen: 48.063 ug/l

RT: 7.65 min Scan# 1829

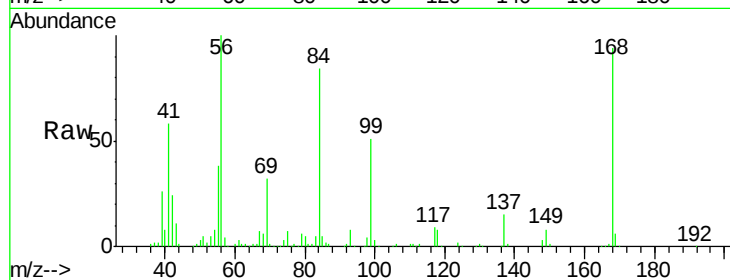
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tot Ion: 56 Resp: 627637

Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.0	39.0
84	82.8	69.1	103.7

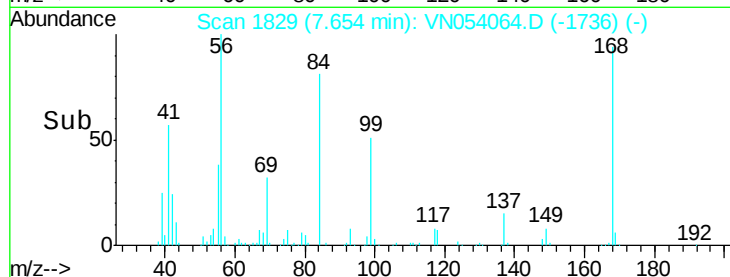


Abundance Ion 56.00 (55.70 to 56.70): VN053925.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN053925.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN053925.D (-1806) (-)

Time-->



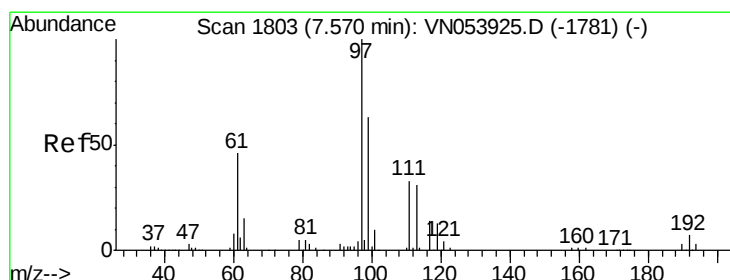
Abundance

Ion 56.00 (55.70 to 56.70): VN054064.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN054064.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN054064.D (-1736) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 47.492 ug/l

RT: 7.57 min Scan# 1803

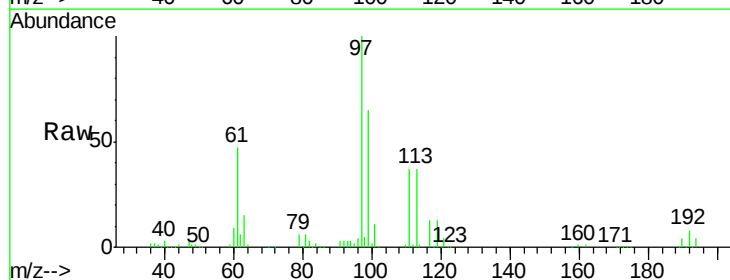
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tgt Ion: 97 Resp: 541635

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.8
61	47.1	33.2	49.8

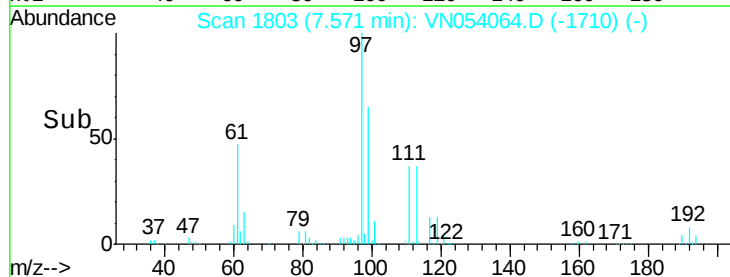


Abundance Ion 96.90 (96.60 to 97.60): VN053925.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN053925.D (-1781) (-)

Time-->



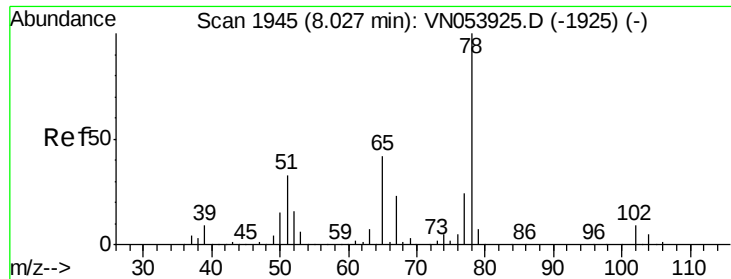
Abundance

Ion 96.90 (96.60 to 97.60): VN054064.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN054064.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN054064.D (-1710) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.004 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054064.D

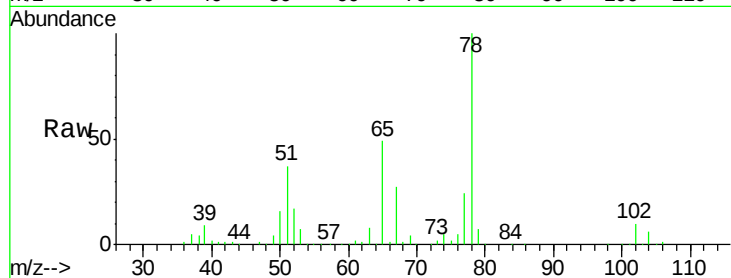
Acq: 4 Mar 2019 14:27

Tot Ion: 65 Resp: 408201

Ion Ratio Lower Upper

65 100

67 53.6 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

200000

150000

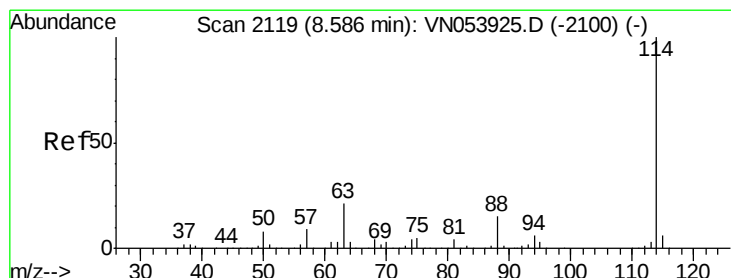
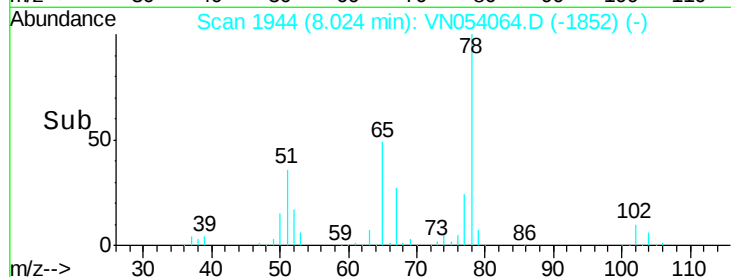
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

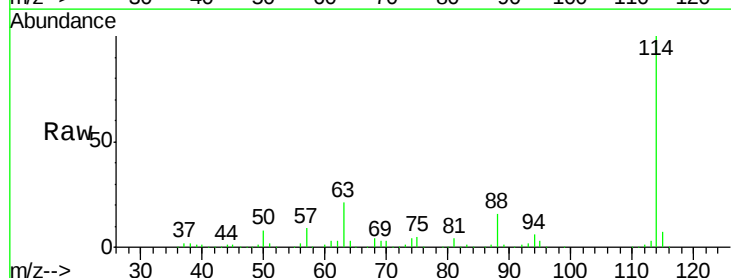
Tgt Ion: 114 Resp: 1065307

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.6 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

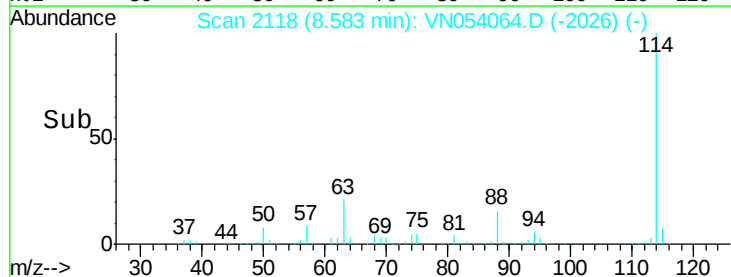
400000

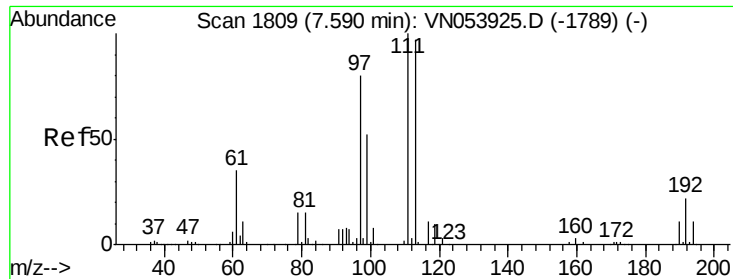
200000

0

8.50 8.60 8.70

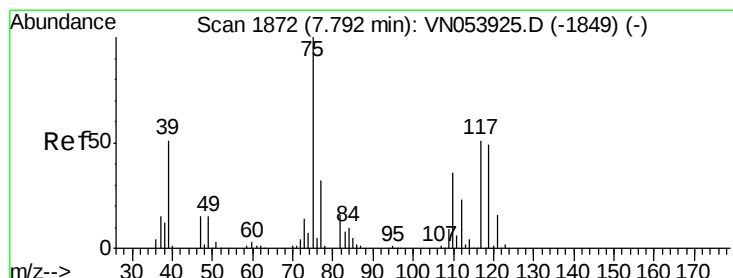
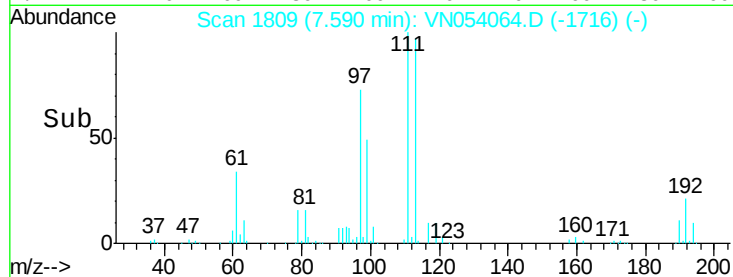
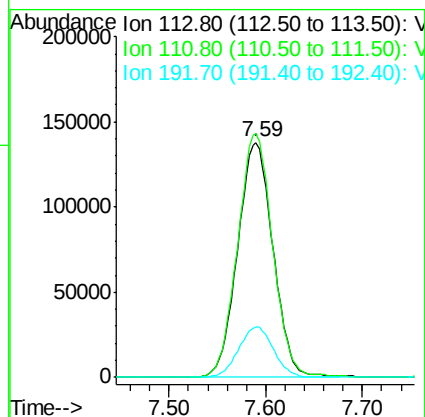
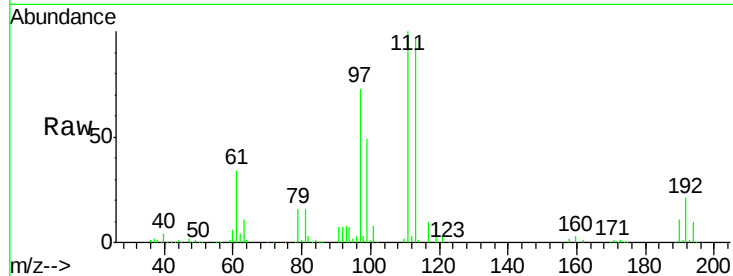
Time-->





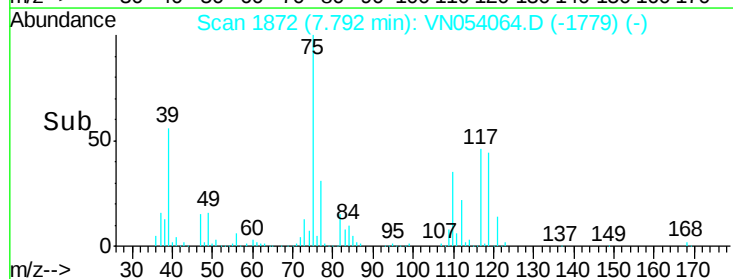
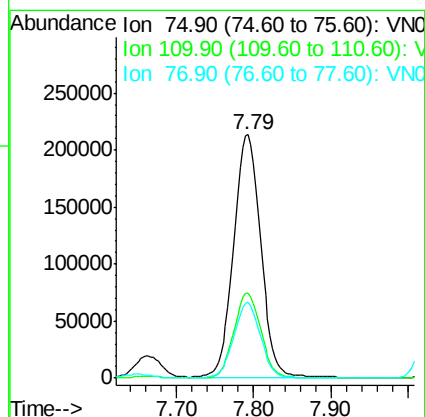
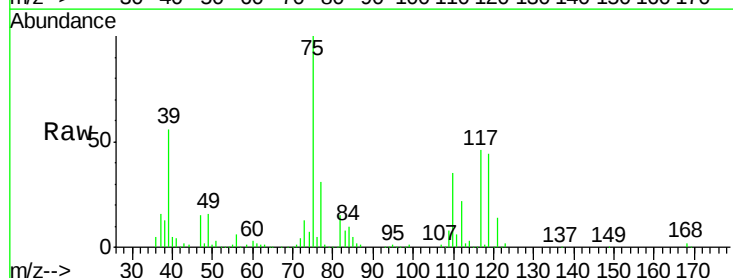
#35
 Dibromofluoromethane
 Concen: 50.913 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

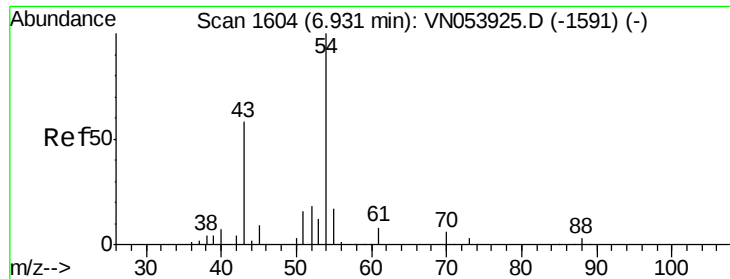
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	21.4	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 52.137 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

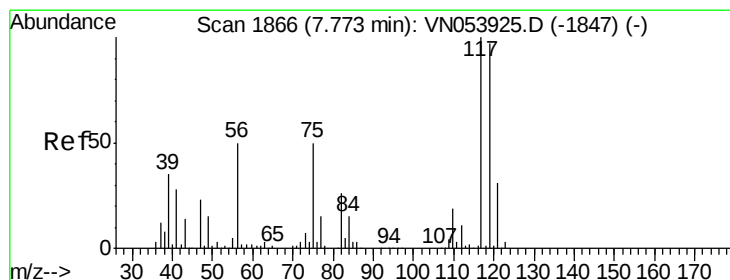
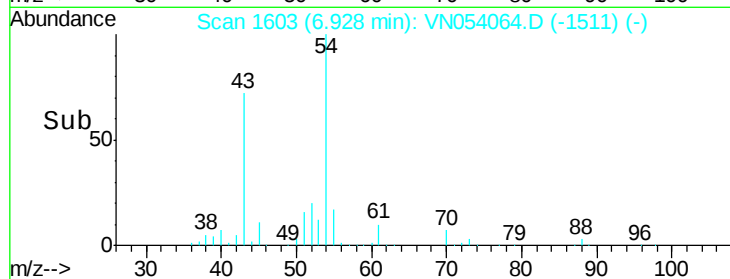
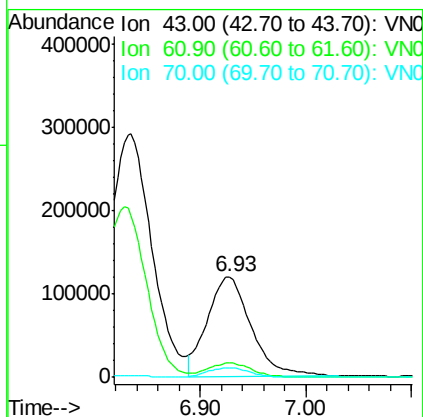
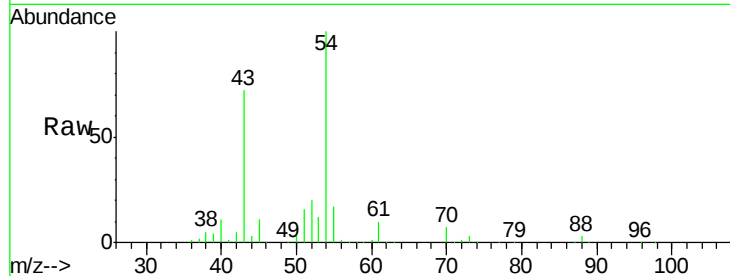
Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.0	57.0
77	30.8	25.4	38.0





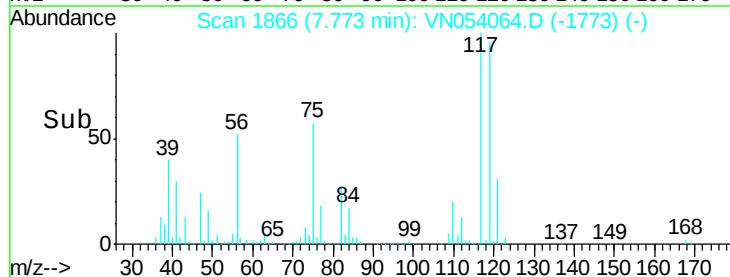
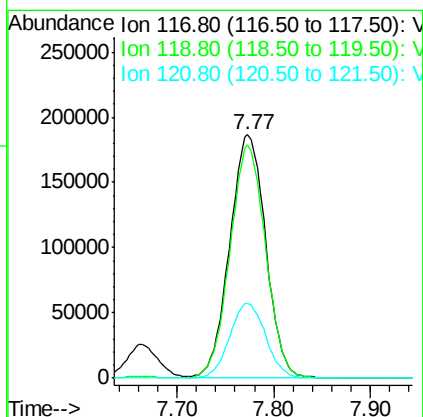
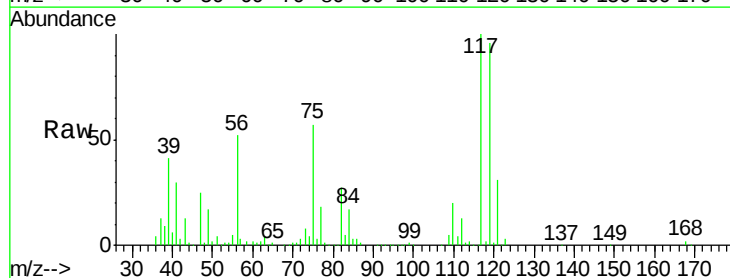
#37
Ethyl Acetate
Concen: 48.316 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

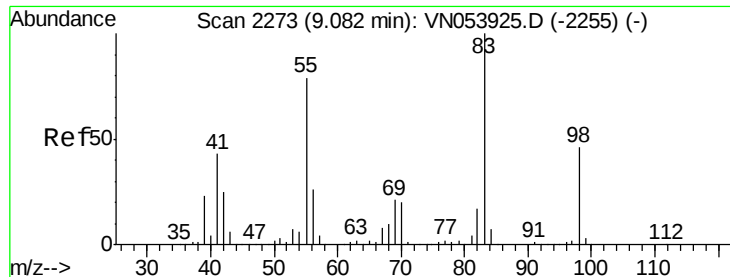
Tot Ion: 43 Resp: 341785
Ion Ratio Lower Upper
43 100
61 13.7 12.0 18.0
70 9.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 46.585 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

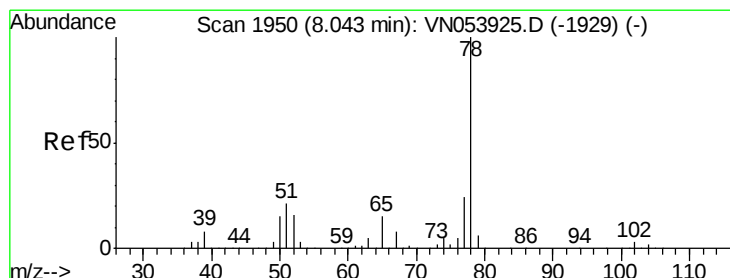
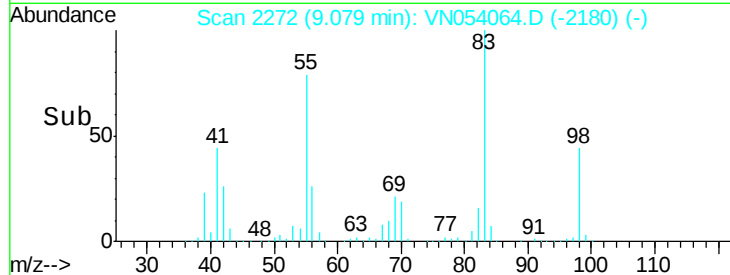
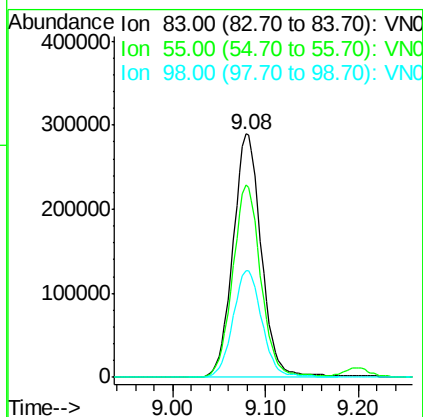
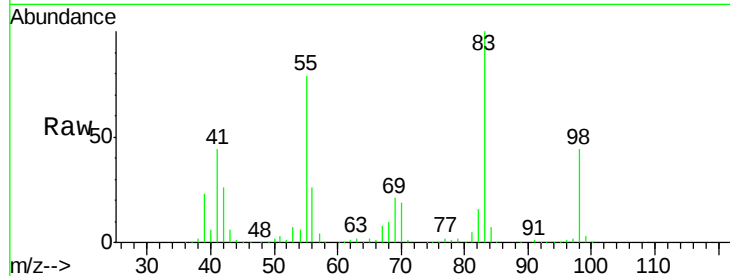
Tgt Ion: 117 Resp: 479987
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
121 30.9 24.6 36.8





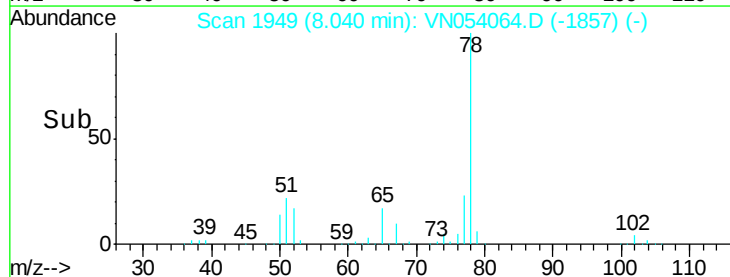
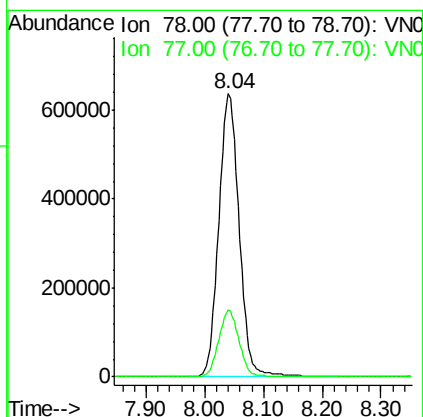
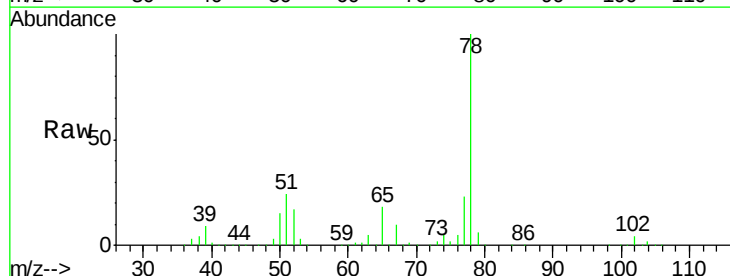
#39
Methvlcvclohexane
Concen: 51.385 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

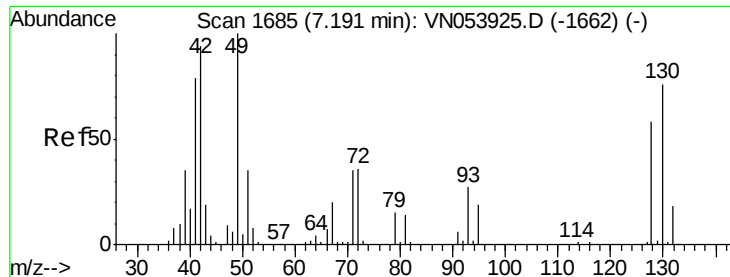
Tot Ion: 83 Resp: 613587
Ion Ratio Lower Upper
83 100
55 78.9 58.2 87.4
98 43.9 37.2 55.8



#40
Benzene
Concen: 50.093 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

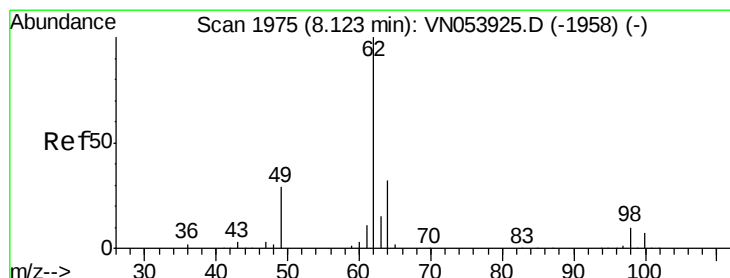
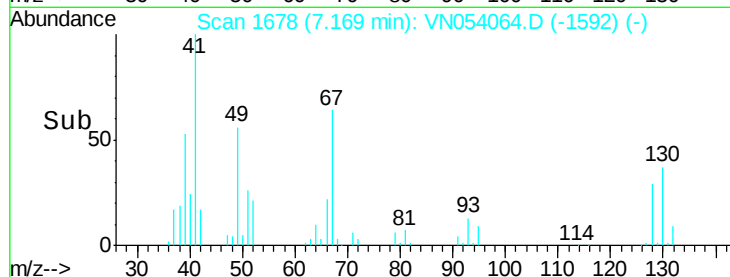
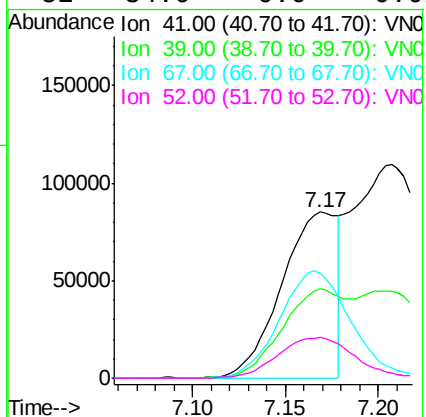
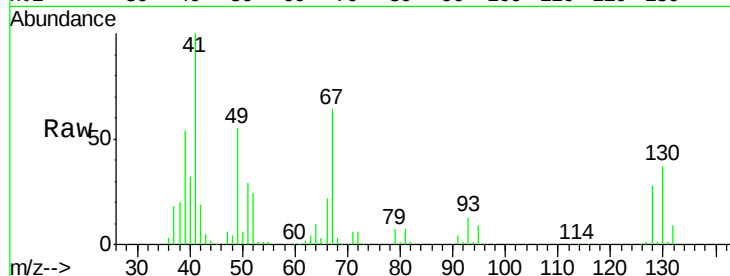
Tgt Ion: 78 Resp: 1524553
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





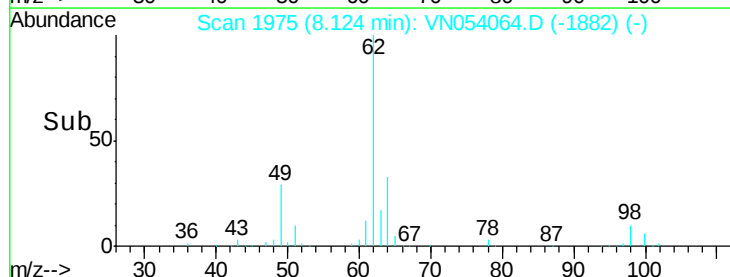
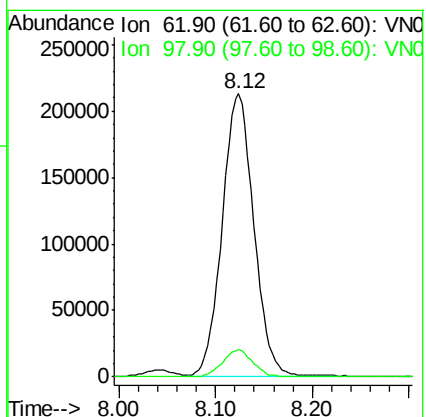
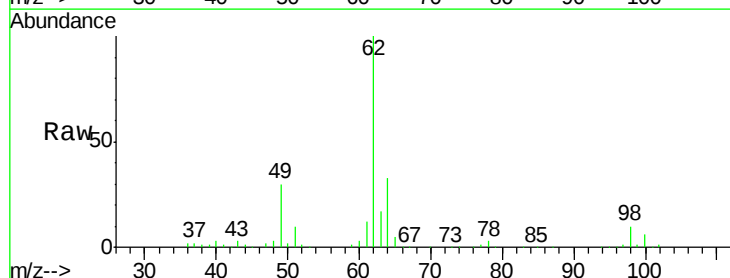
#41
Methacrylonitrile
Concen: 38.859 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.02 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

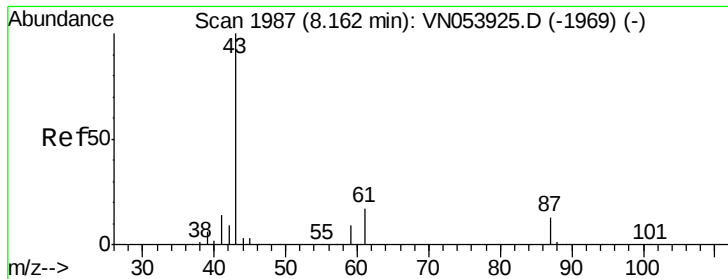
Tot Ion:	41	Resp:	177002
Ion	Ratio	Lower	Upper
41	100		
39	61.6	0.0	0.0#
67	84.2	0.0	0.0#
52	34.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.232 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion:	62	Resp:	482729
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.8

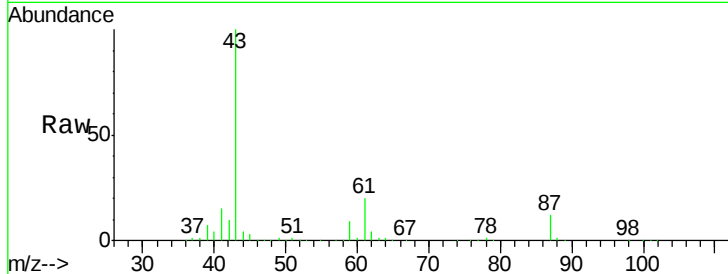




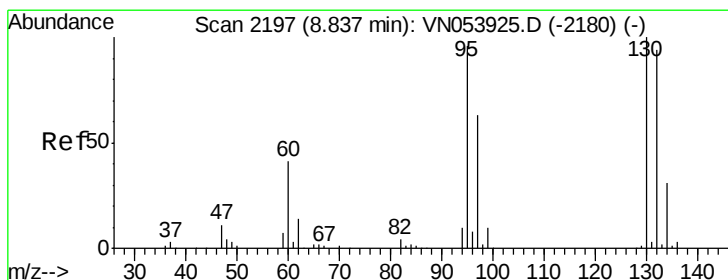
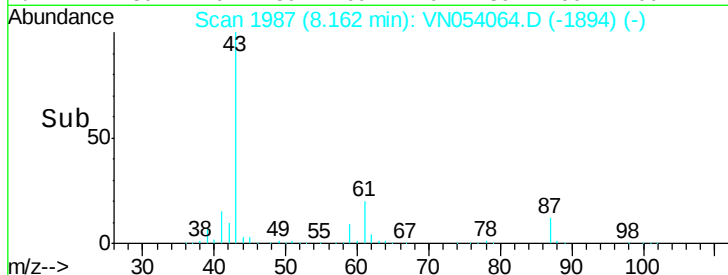
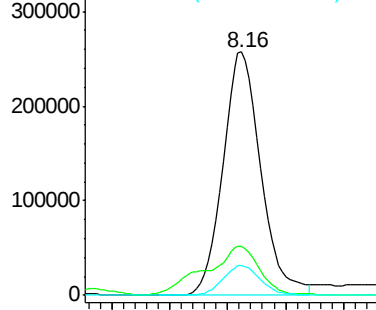
#43

Isopropyl Acetate
 Concen: 48.830 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tot Ion	43	Resp	583219
Ion Ratio	100		
Lower	17.4		
Upper	26.0		



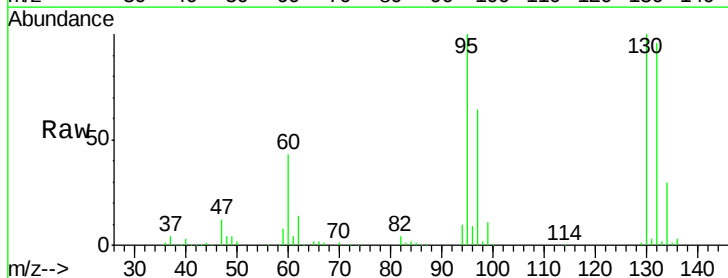
Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)



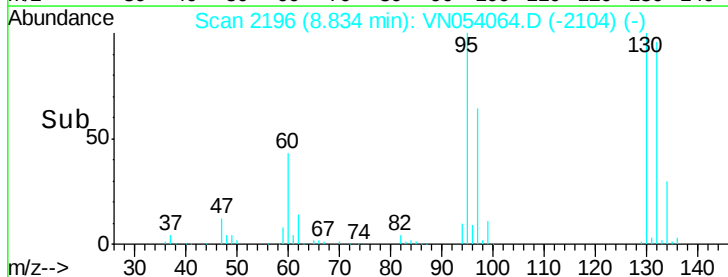
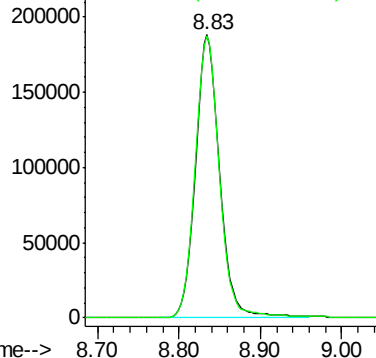
#44

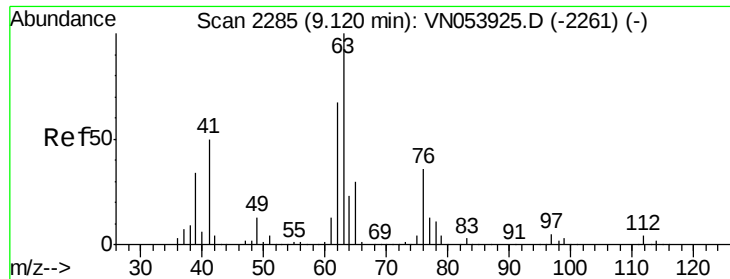
Trichloroethene
 Concen: 48.916 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion	130	Resp	394682
Ion Ratio	100		
Lower	0.0		
Upper	190.0		



Abundance Ion 129.80 (129.50 to 130.50): VN053925.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 50.559 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054064.D

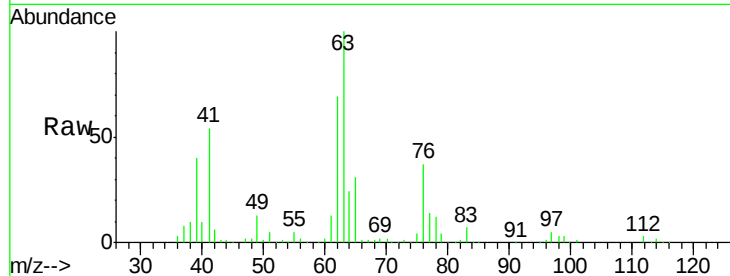
Acq: 4 Mar 2019 14:27

Tot Ion: 63 Resp: 415144

Ion Ratio Lower Upper

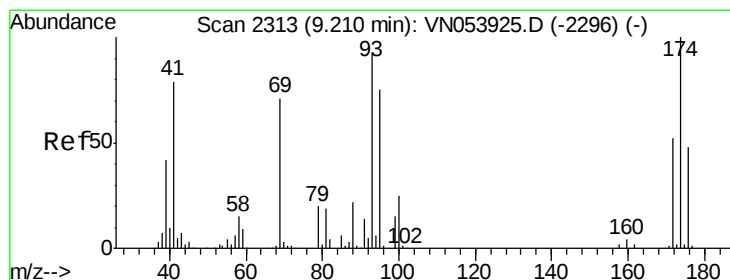
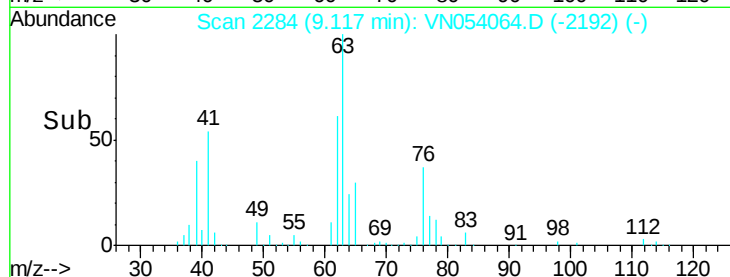
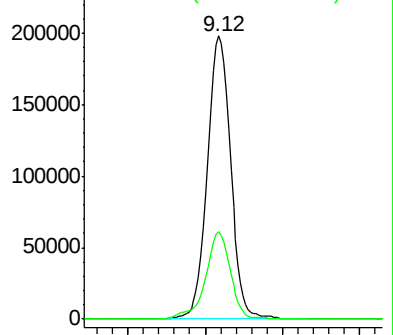
63 100

65 30.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.295 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

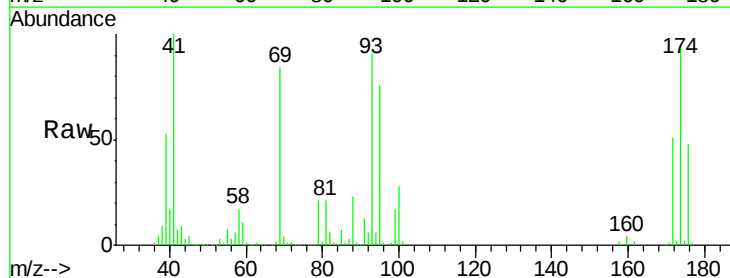
Tgt Ion: 93 Resp: 234987

Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

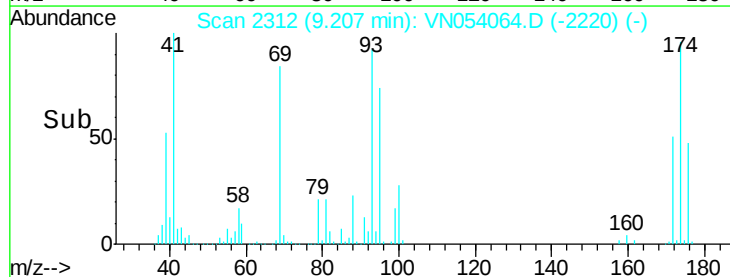
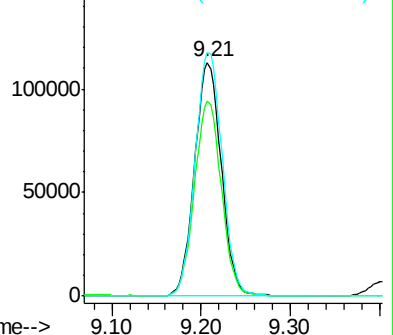
174 105.4 96.2 144.4

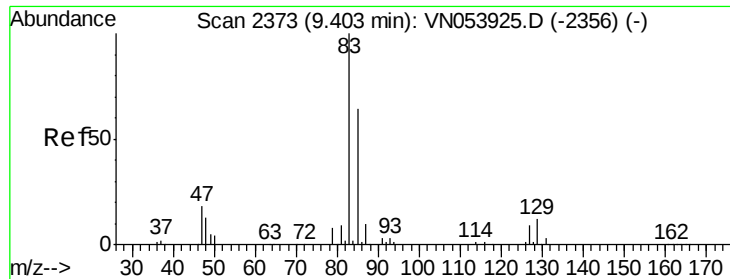


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.450 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

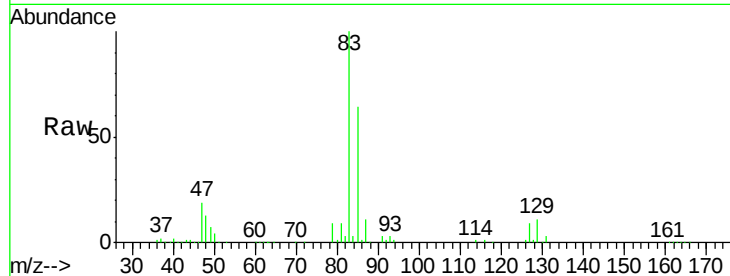
Tot Ion: 83 Resp: 506825

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

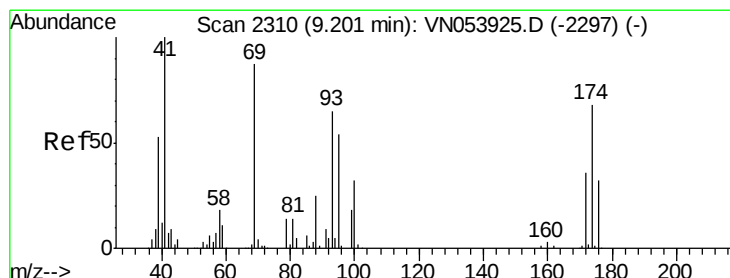
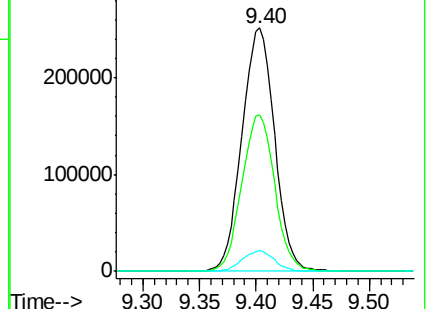
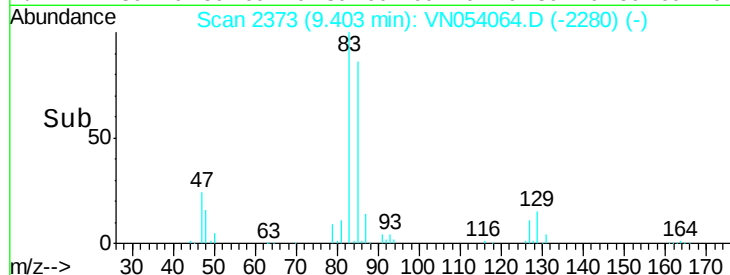
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 52.796 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

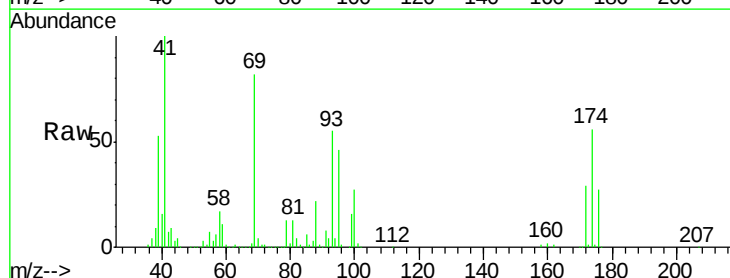
Tgt Ion: 41 Resp: 290049

Ion Ratio Lower Upper

41 100

69 88.3 74.8 112.2

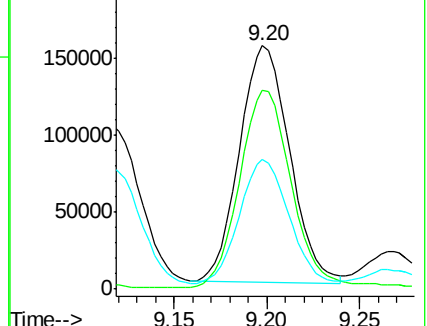
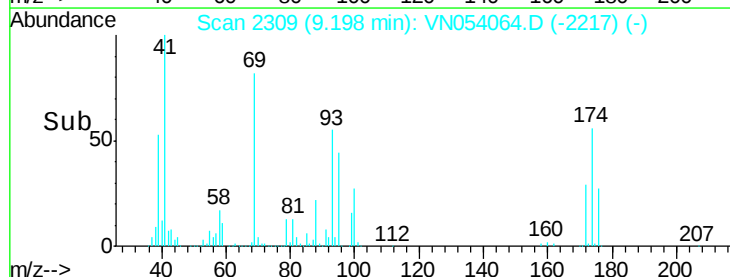
39 56.2 39.0 58.6

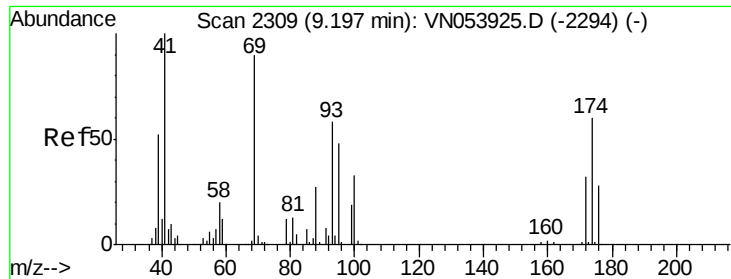


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

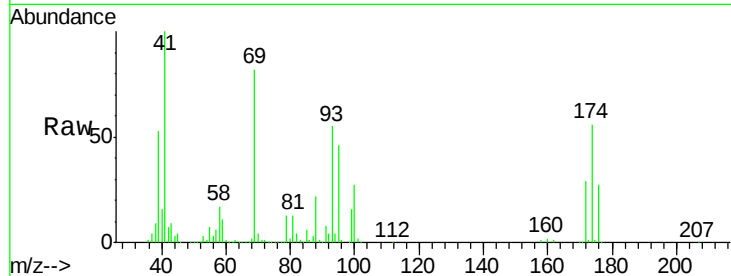
Ion 39.00 (38.70 to 39.70): VN0



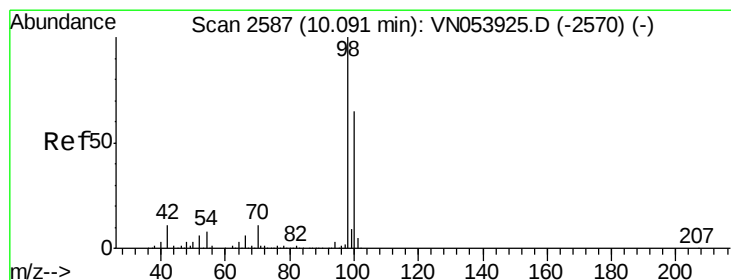
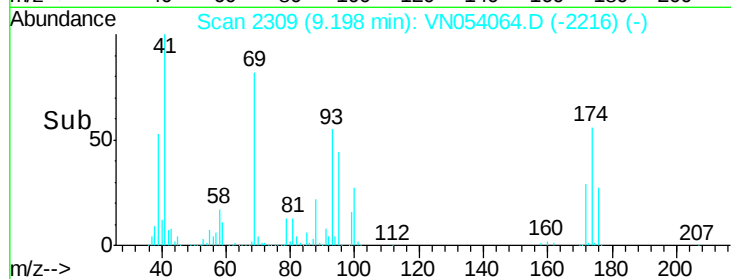
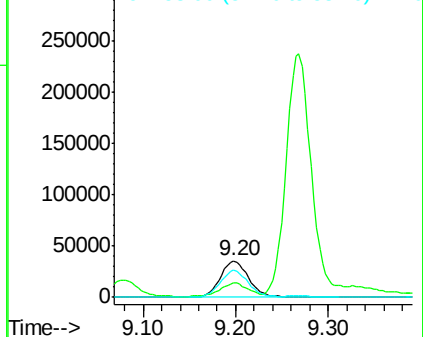


#49
1,4-Dioxane
Concen: 1024.476 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion: 88 Resp: 76231
Ion Ratio Lower Upper
88 100
43 36.5 21.2 31.8#
58 72.8 54.2 81.2

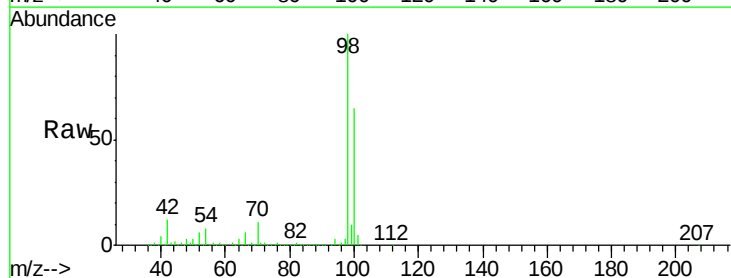


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

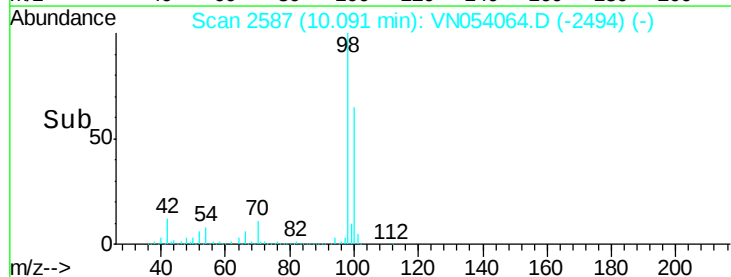
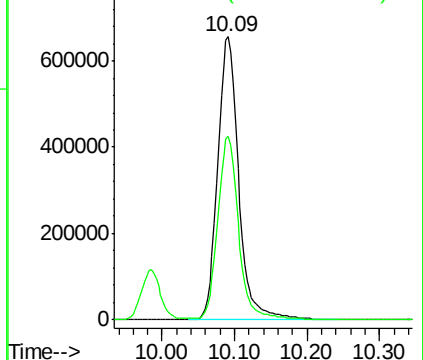


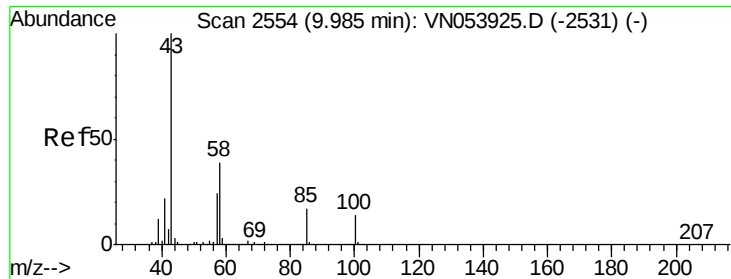
#50
Toluene-d8
Concen: 51.389 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion: 98 Resp: 1317843
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



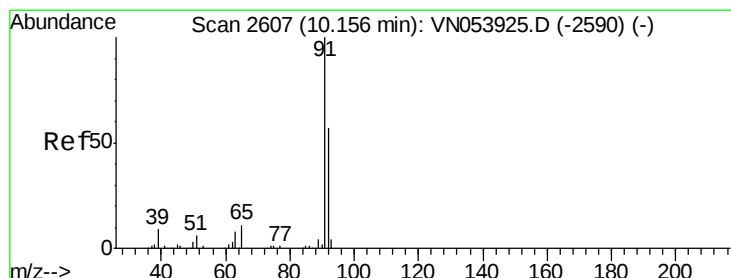
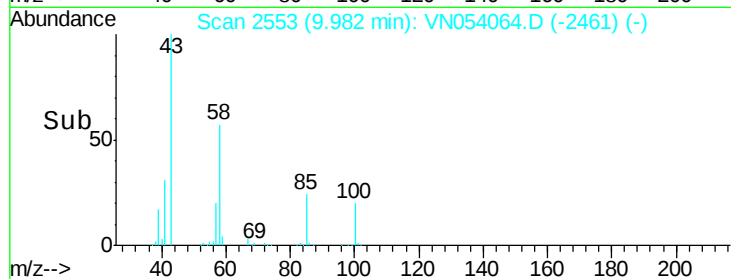
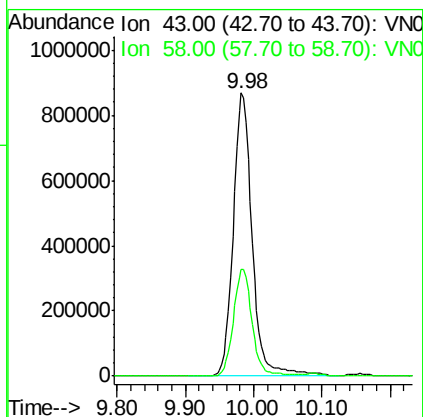
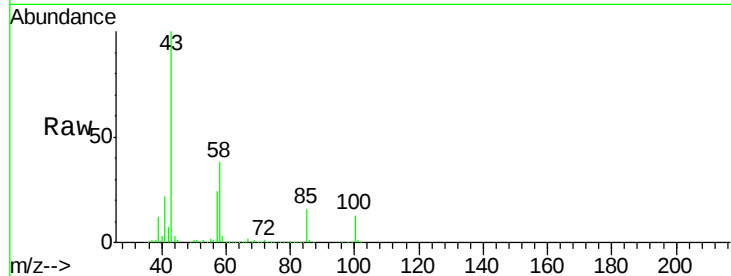
Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





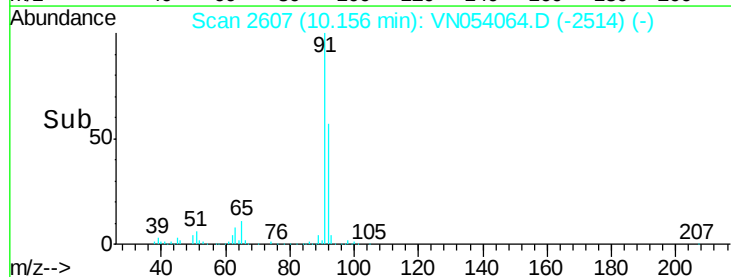
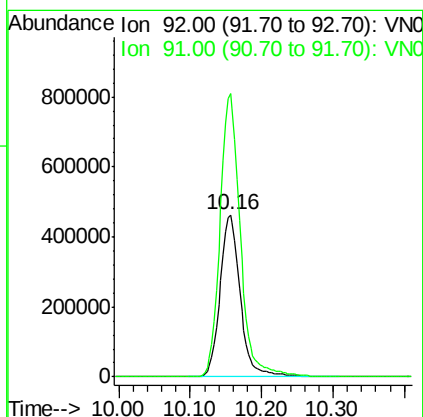
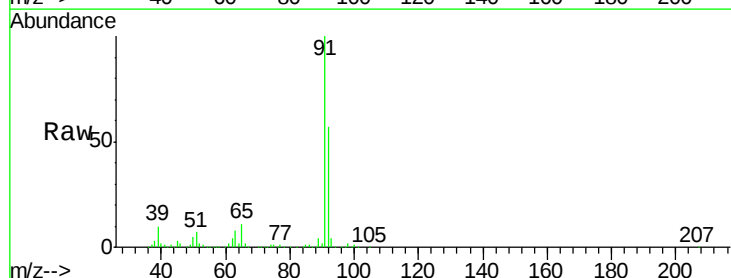
#51
 4-Methyl-2-Pentanone
 Concen: 271.973 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

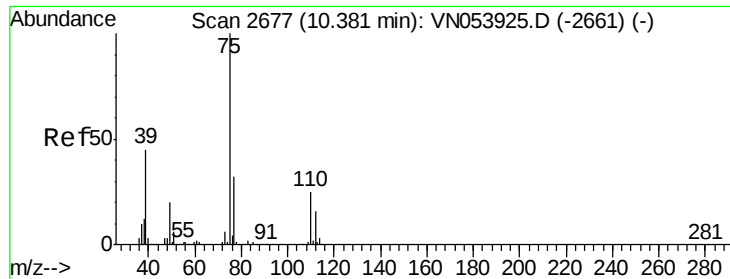
Tot Ion: 43 Resp: 1669245
 Ion Ratio Lower Upper
 43 100
 58 37.5 32.7 49.1



#52
 Toluene
 Concen: 50.776 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion: 92 Resp: 909958
 Ion Ratio Lower Upper
 92 100
 91 175.3 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 52.443 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054064.D

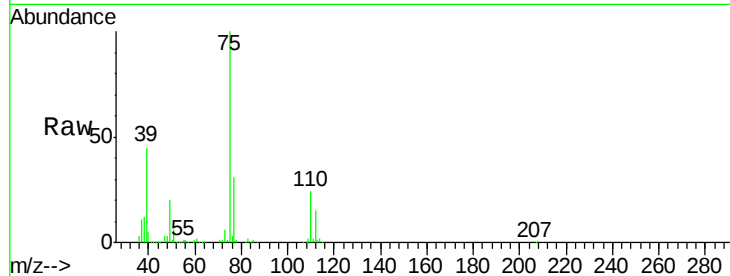
Acq: 4 Mar 2019 14:27

Tot Ion: 75 Resp: 512624

Ion Ratio Lower Upper

75 100

77 31.3 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

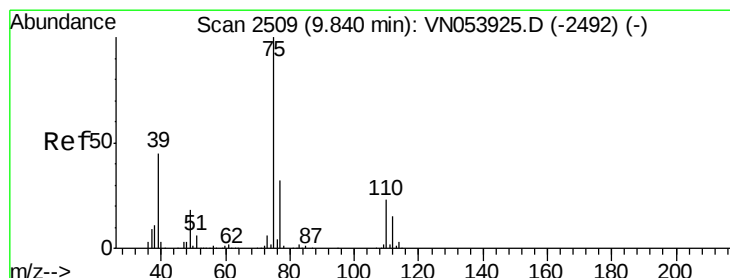
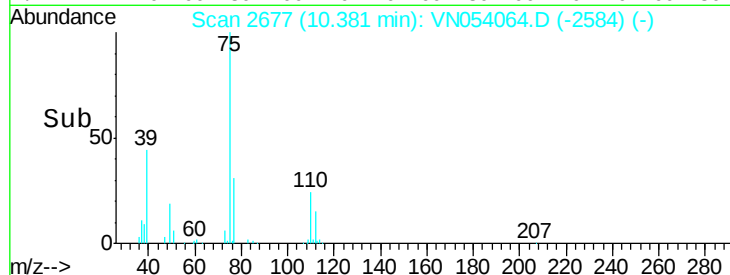
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.142 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

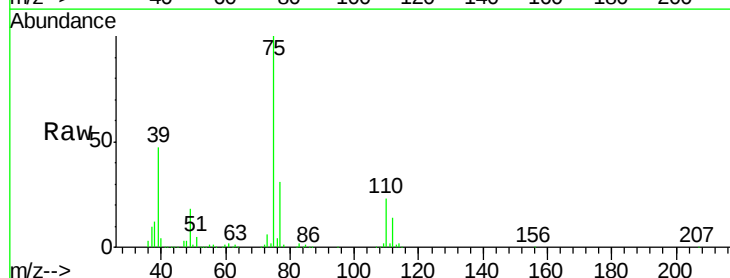
Tgt Ion: 75 Resp: 600850

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 47.1 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

400000

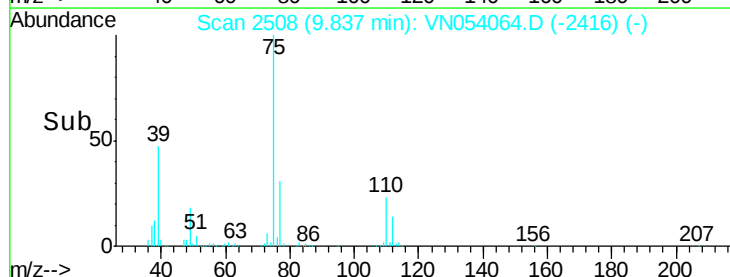
300000

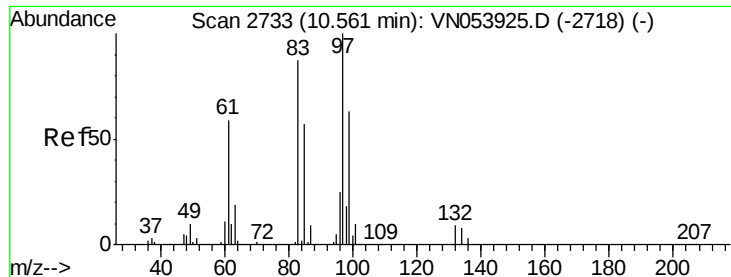
200000

100000

0

Time-->

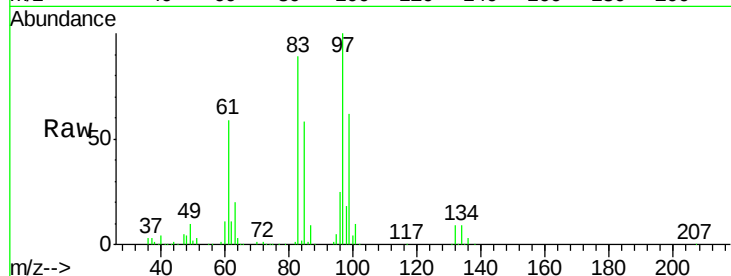




#55
 1,1,2-Trichloroethane
 Concen: 50.067 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tot Ion: 97 Resp: 335089

Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.5	104.3
85	58.0	45.9	68.9
99	61.8	49.1	73.7

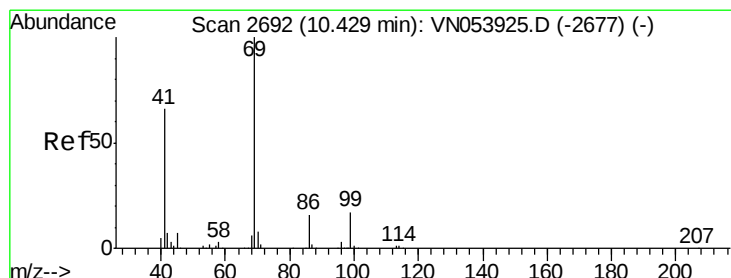
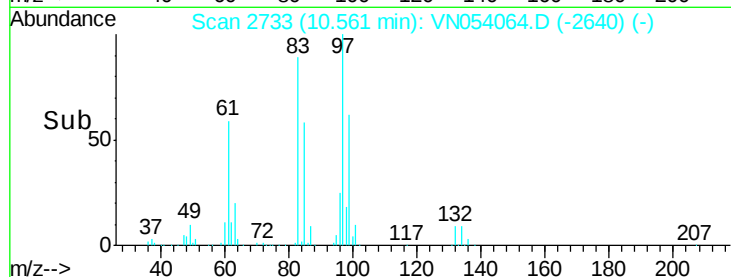
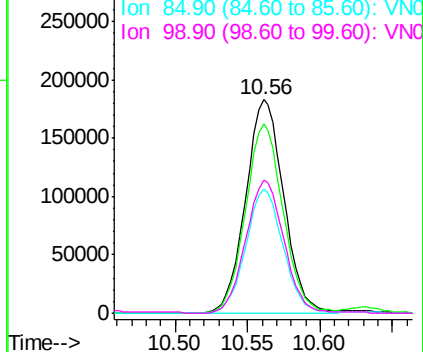


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

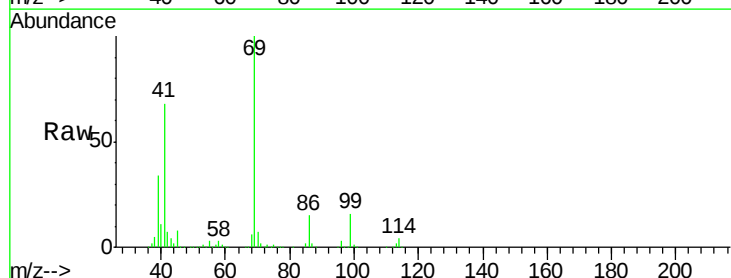
Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 47.549 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion: 69 Resp: 416396

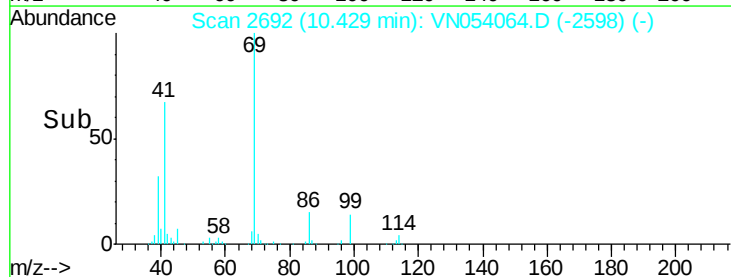
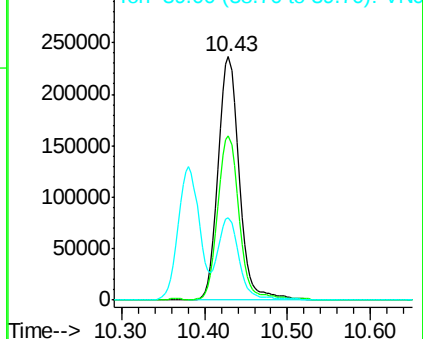
Ion	Ratio	Lower	Upper
69	100		
41	68.2	47.5	71.3
39	34.1	23.4	35.0

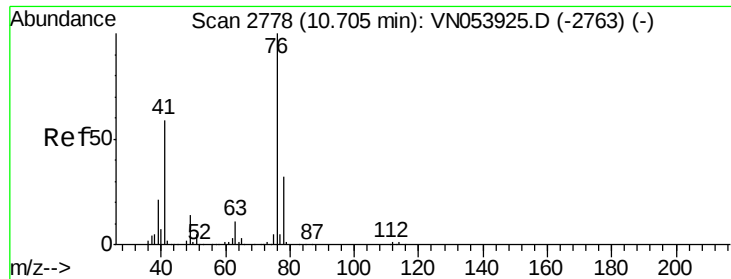


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

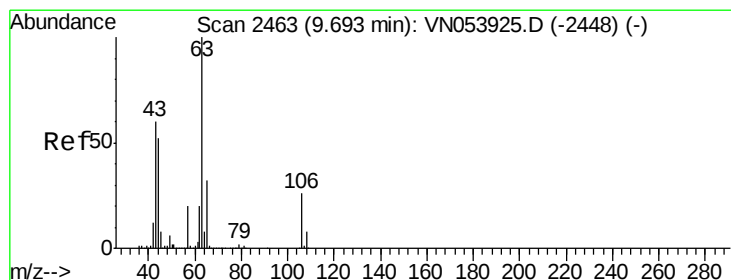
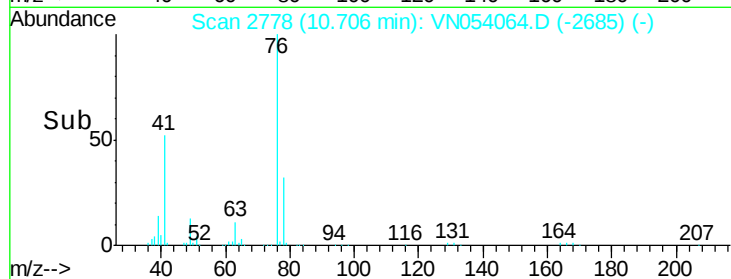
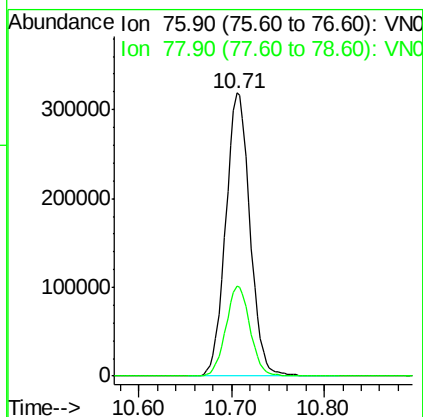
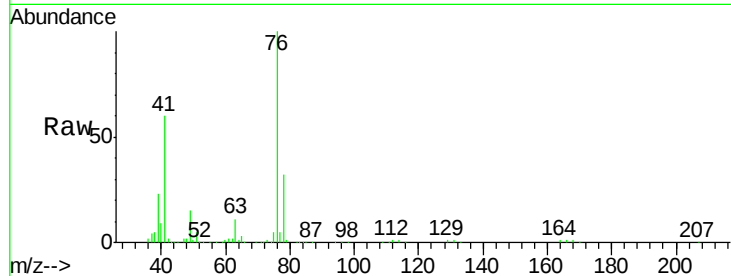
Ion 39.00 (38.70 to 39.70): VN0





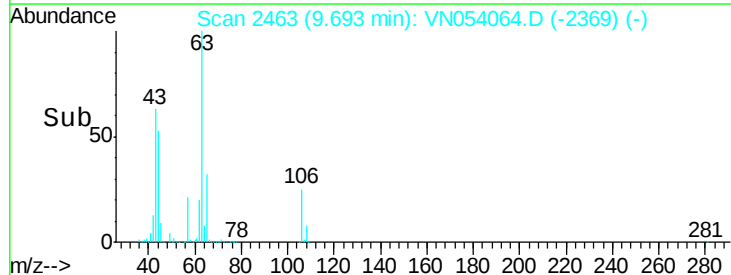
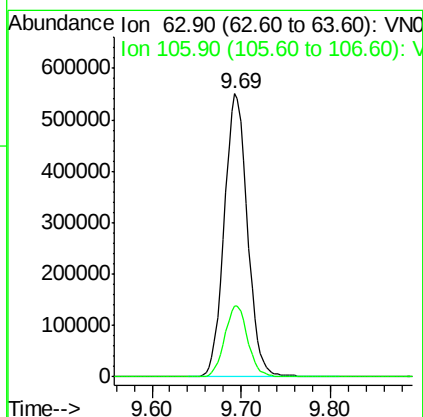
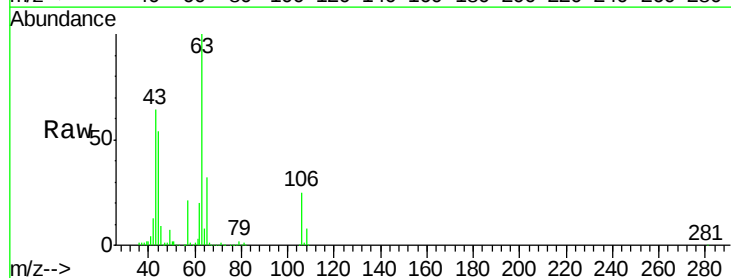
#57
 1,3-Dichloropropane
 Concen: 51.110 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

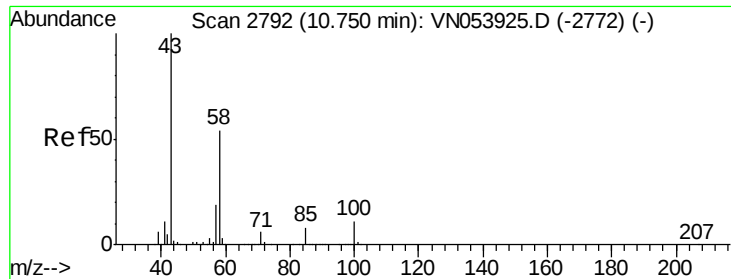
Tot Ion: 76 Resp: 577969
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.236 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

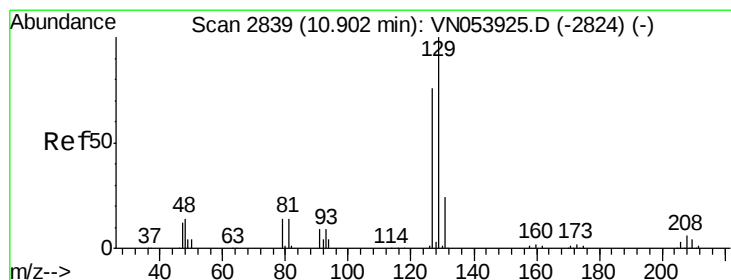
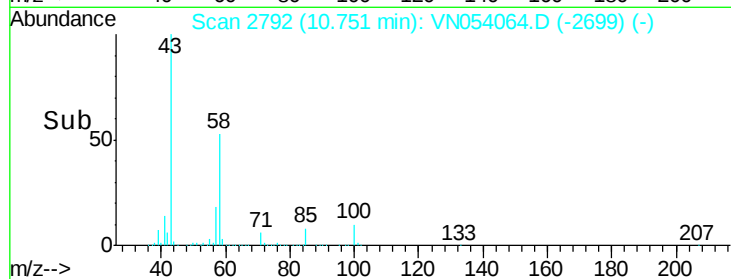
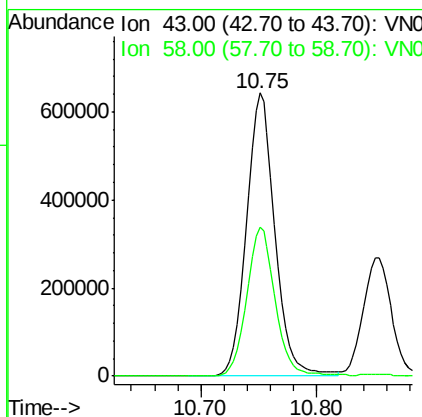
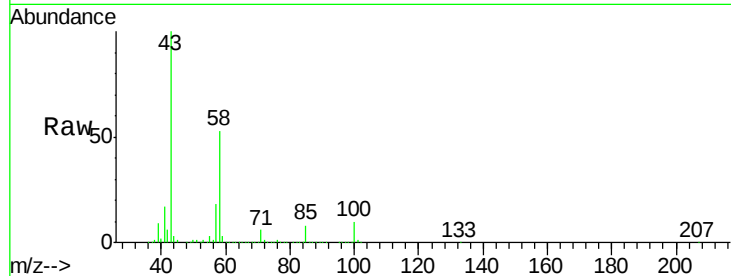
Tgt Ion: 63 Resp: 992190
 Ion Ratio Lower Upper
 63 100
 106 24.9 22.2 33.2





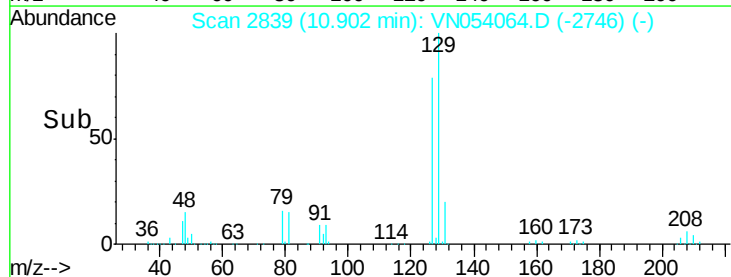
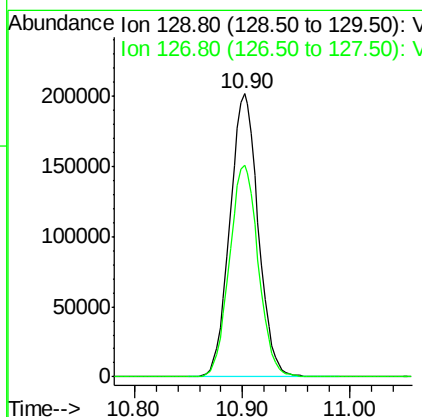
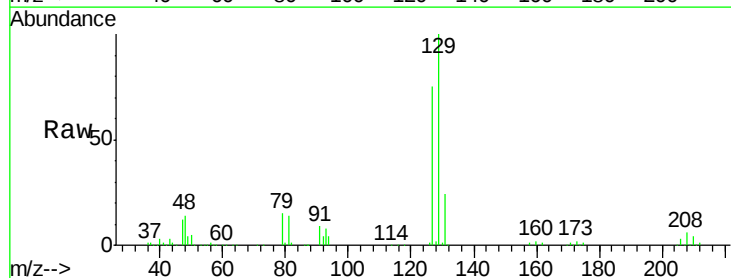
#59
2-Hexanone
Concen: 274.647 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

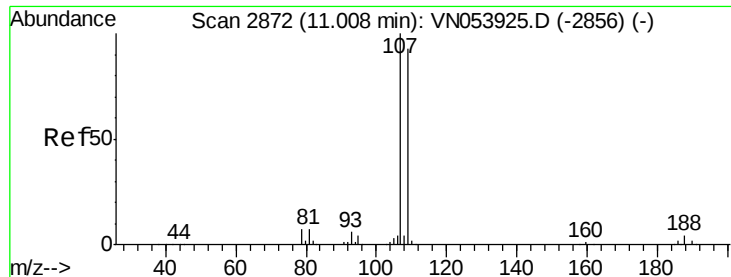
Tot Ion: 43 Resp: 1096320
Ion Ratio Lower Upper
43 100
58 52.9 29.1 87.4



#60
Dibromochloromethane
Concen: 49.775 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion: 129 Resp: 370234
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.895 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN054064.D

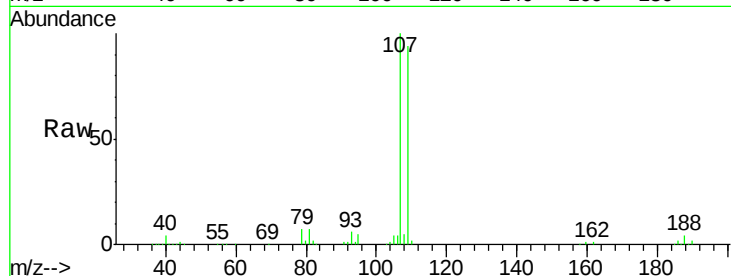
Acq: 4 Mar 2019 14:27

Tot Ion:107 Resp: 315673

Ion Ratio Lower Upper

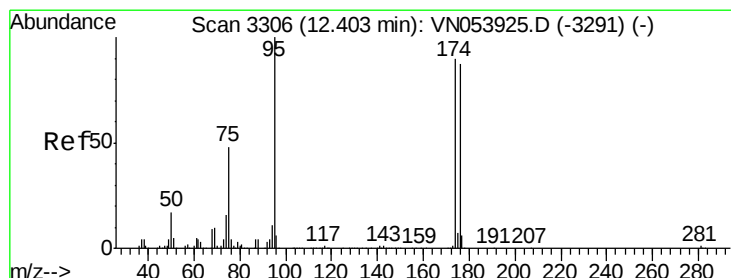
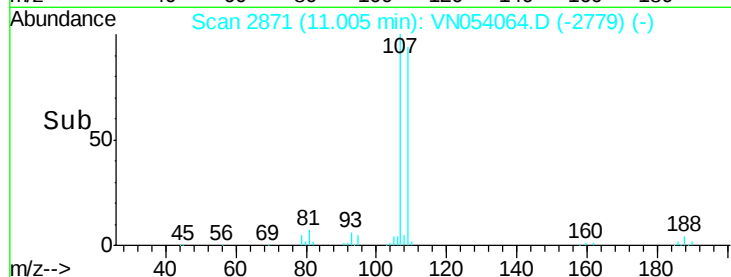
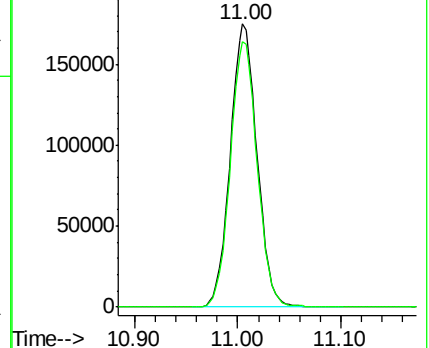
107 100

109 94.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.697 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

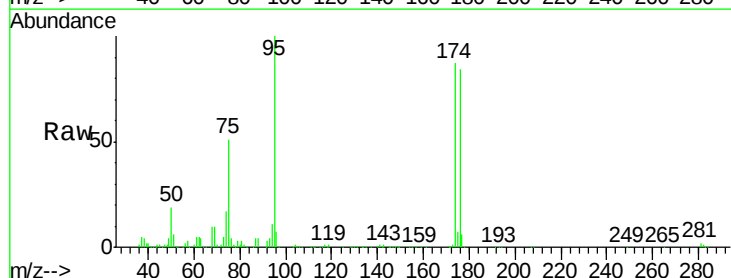
Tgt Ion: 95 Resp: 441694

Ion Ratio Lower Upper

95 100

174 86.8 0.0 188.8

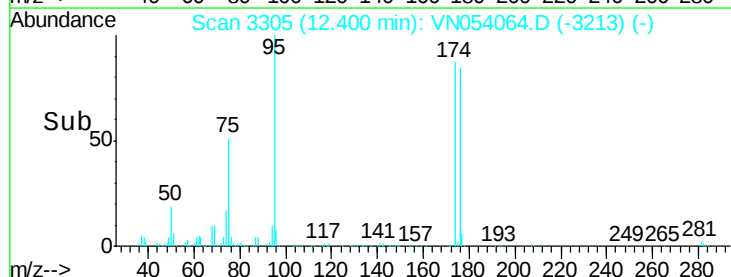
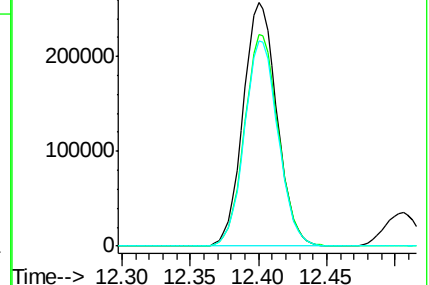
176 83.9 0.0 182.6

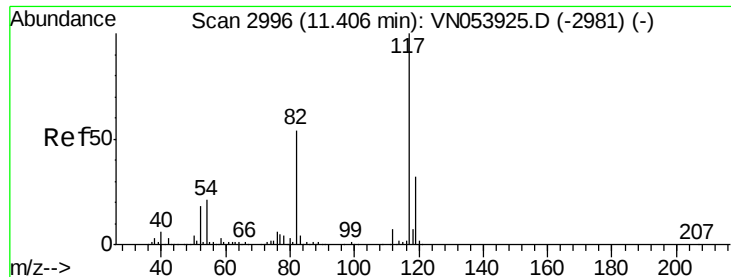


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

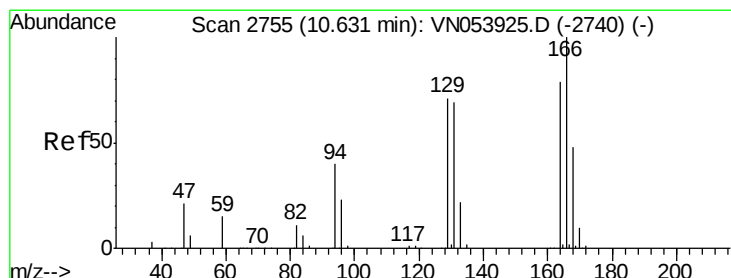
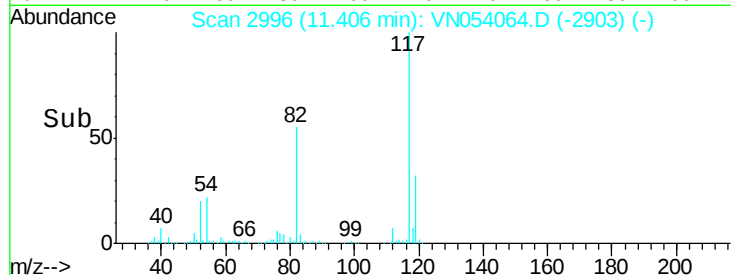
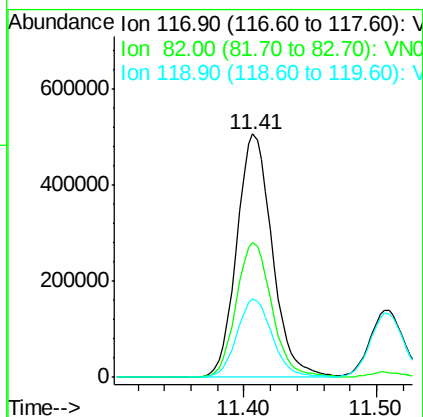
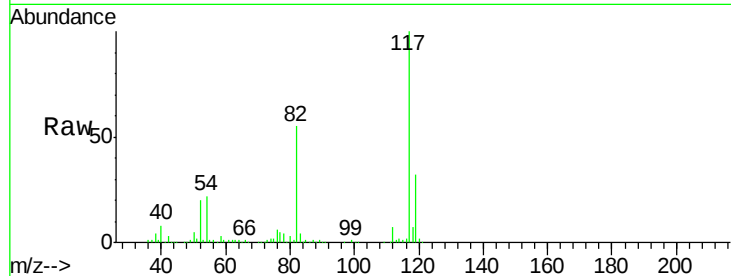
Ion 175.80 (175.50 to 176.50): V





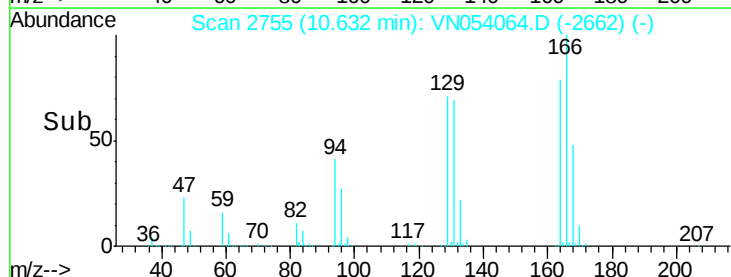
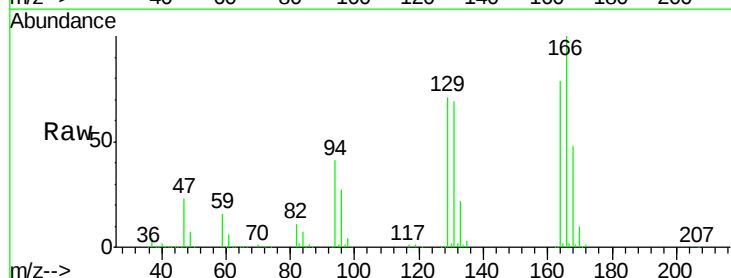
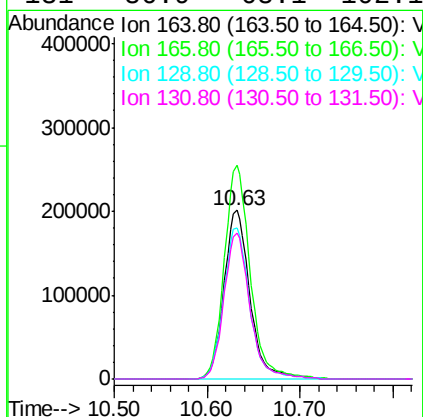
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.4	62.2
119	32.0	25.3	37.9



#64
Tetrachloroethene
Concen: 48.944 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

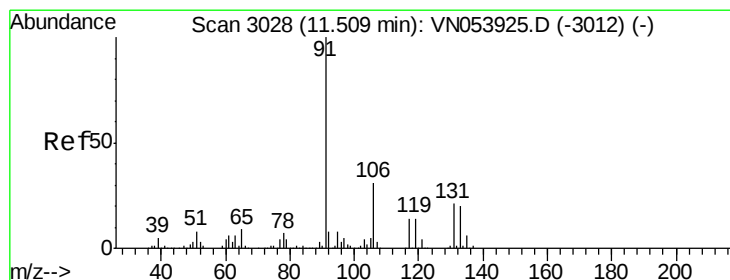
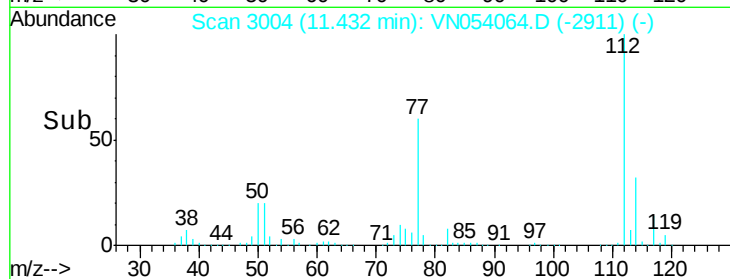
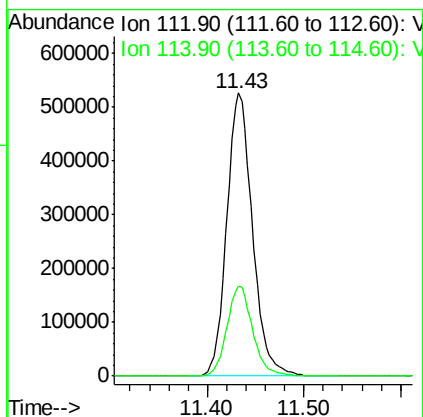
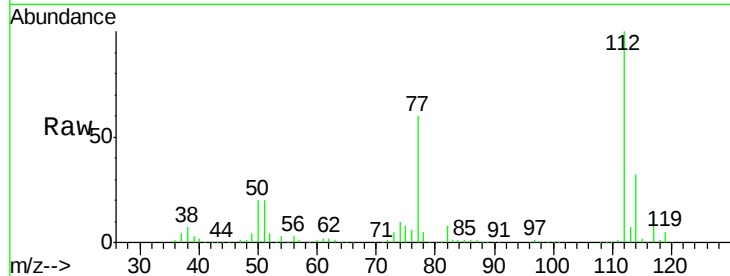
Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.6	153.8
129	89.3	69.4	104.0
131	86.9	68.1	102.1





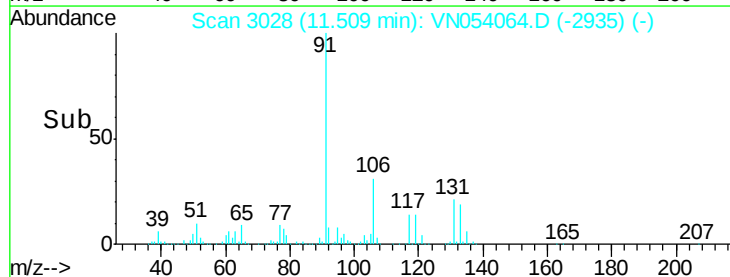
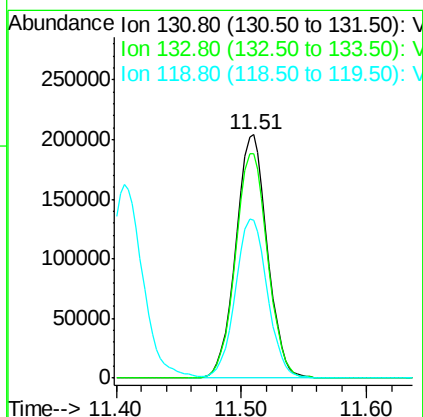
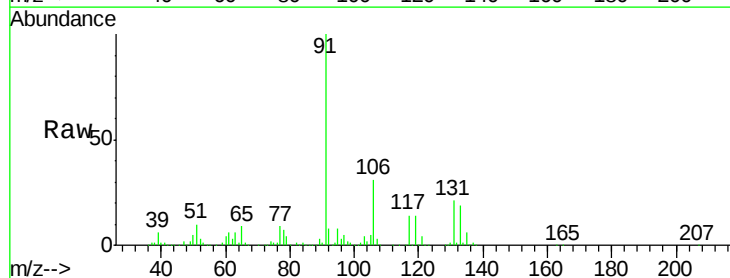
#65
Chlorobenzene
Concen: 48.853 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

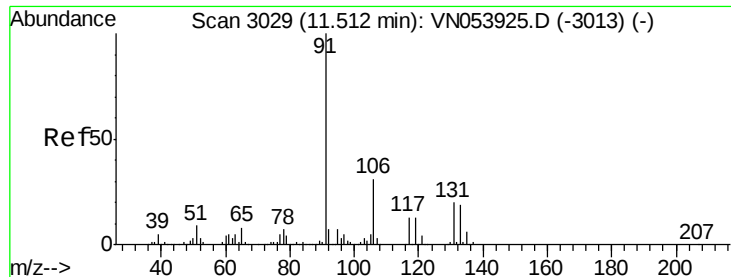
Tot Ion:112 Resp: 970225
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.750 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

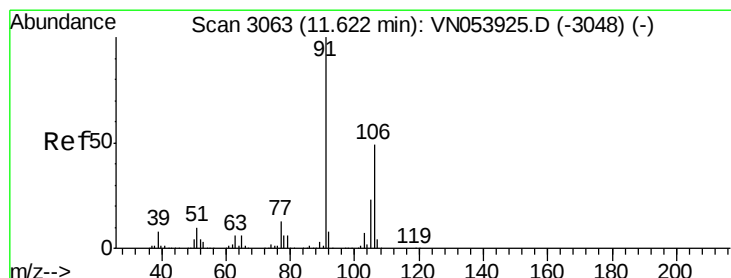
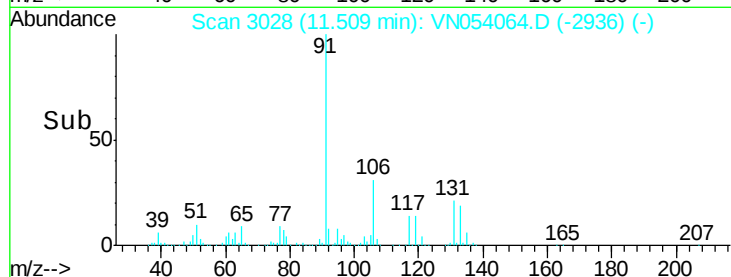
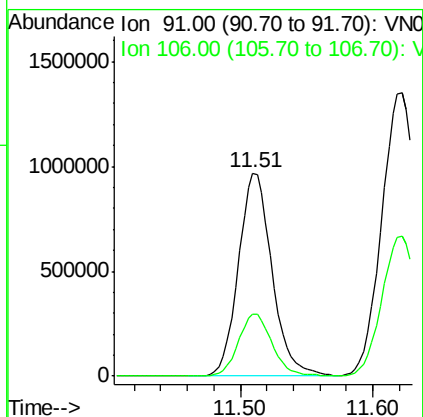
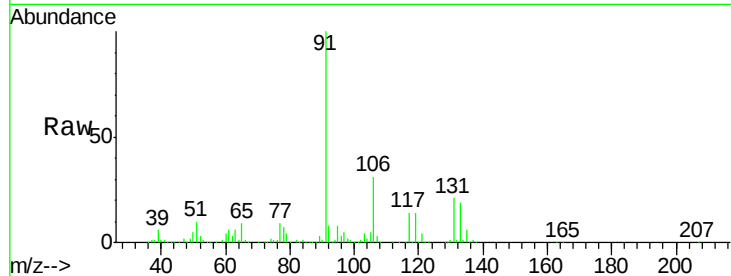
Tgt Ion:131 Resp: 356091
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 66.7 33.1 99.3





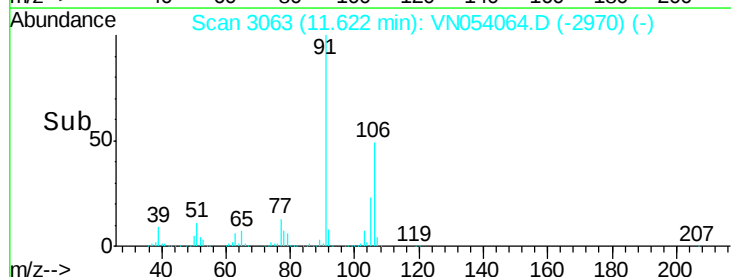
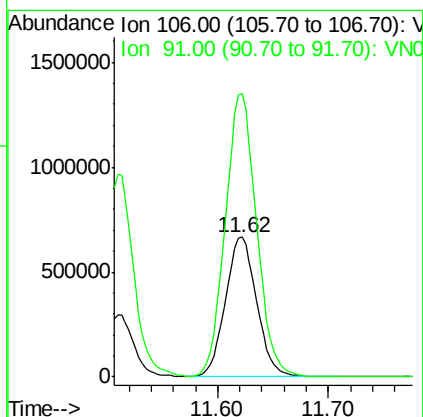
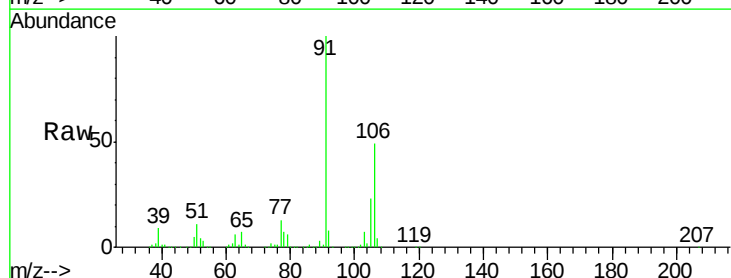
#67
Ethyl Benzene
Concen: 51.180 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

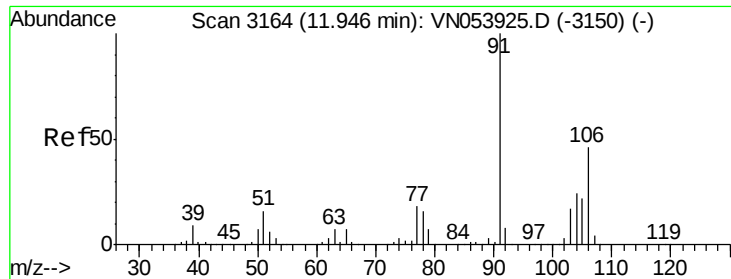
Tot Ion: 91 Resp: 1703975
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 104.104 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

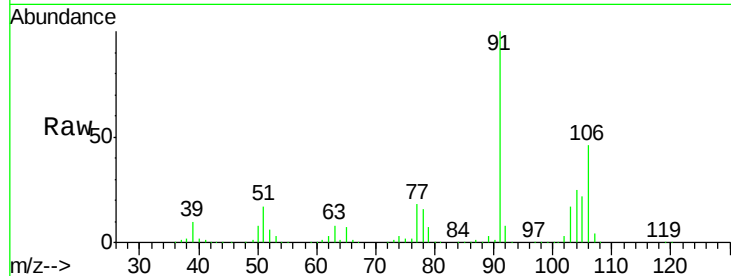
Tgt Ion: 106 Resp: 1308154
Ion Ratio Lower Upper
106 100
91 203.2 158.9 238.3



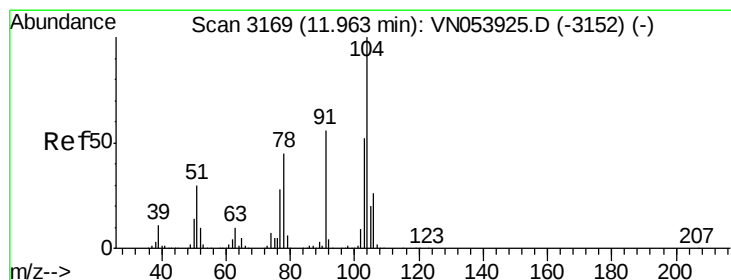
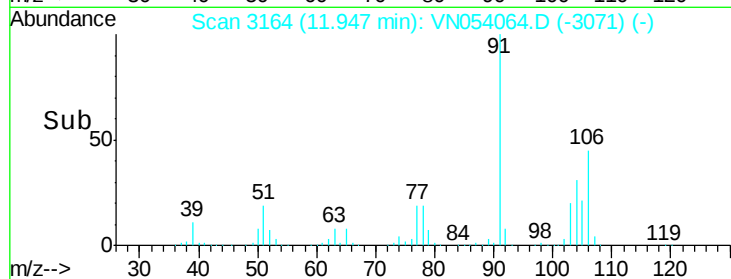
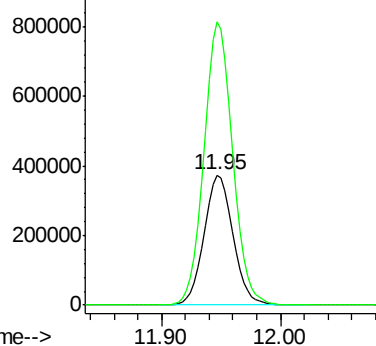


#69
o-Xylene
Concen: 50.933 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion:106 Resp: 628868
Ion Ratio Lower Upper
106 100
91 215.4 106.0 318.0

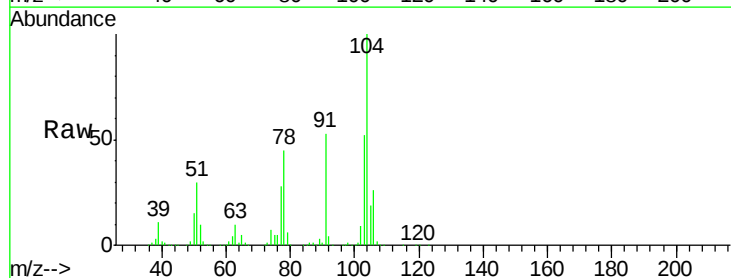


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

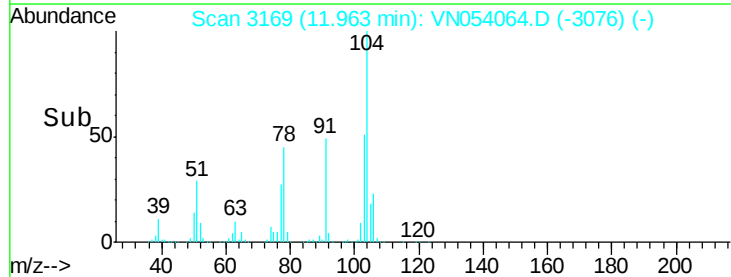
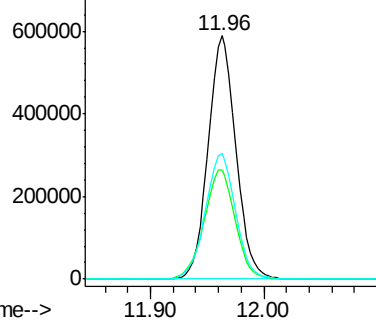


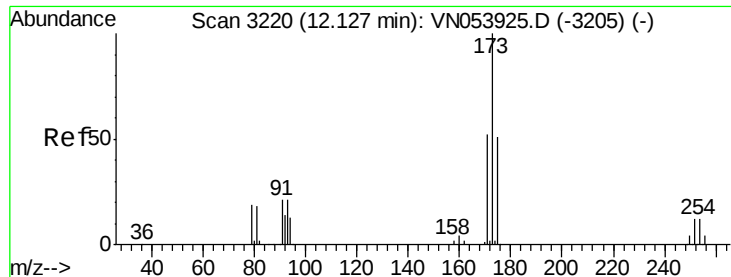
#70
Styrene
Concen: 53.103 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion:104 Resp: 1008468
Ion Ratio Lower Upper
104 100
78 50.1 38.1 57.1
103 56.1 44.6 67.0



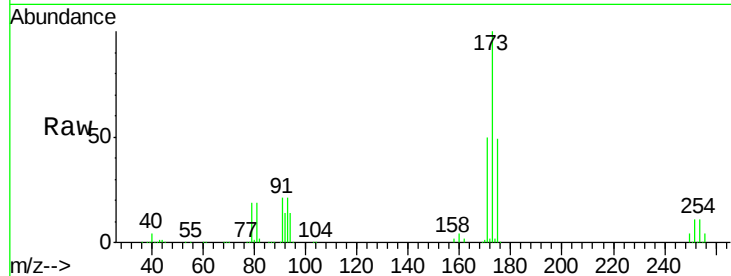
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



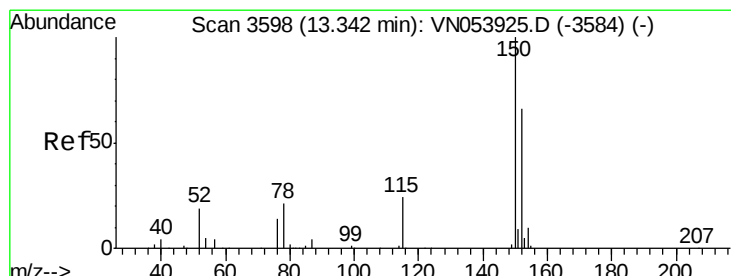
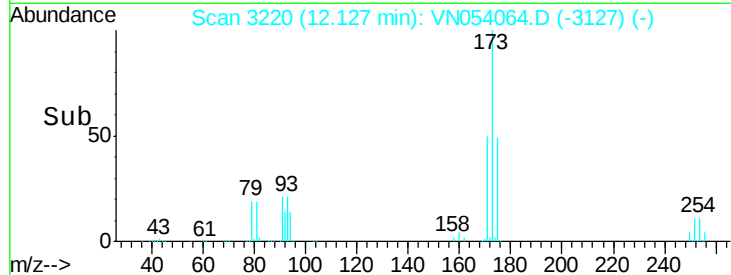
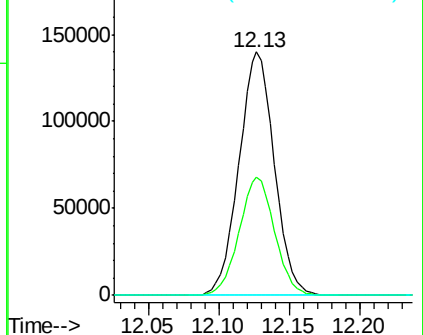


#71
Bromoform
Concen: 49.254 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion:173 Resp: 245256
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.1 0.2 0.2#

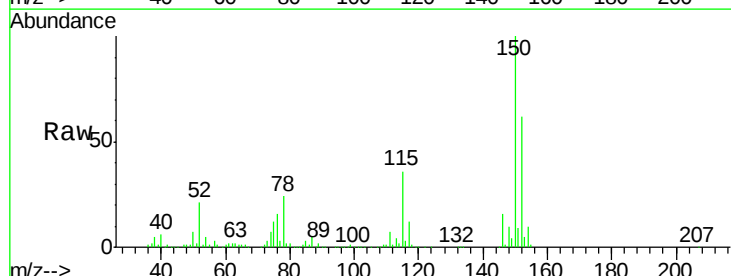


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

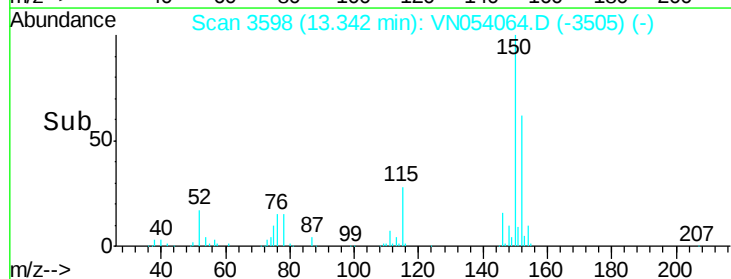
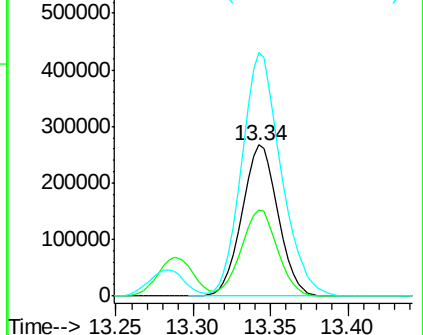


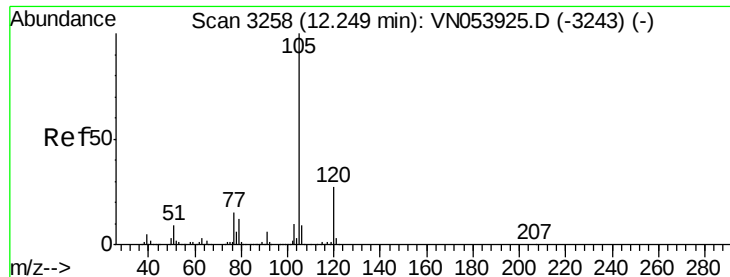
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion:152 Resp: 433605
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 175.5 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: 48.921 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054064.D

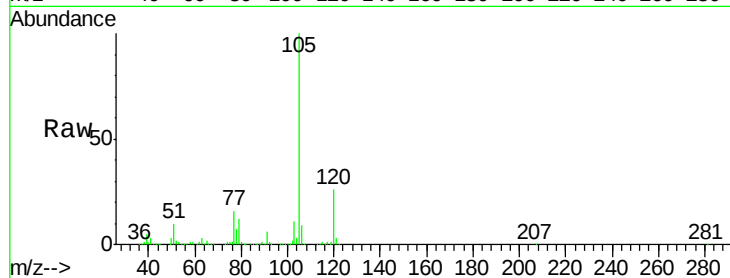
Acq: 4 Mar 2019 14:27

Tot Ion: 105 Resp: 1651228

Ion Ratio Lower Upper

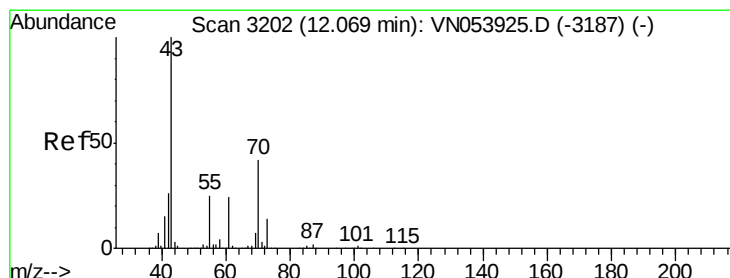
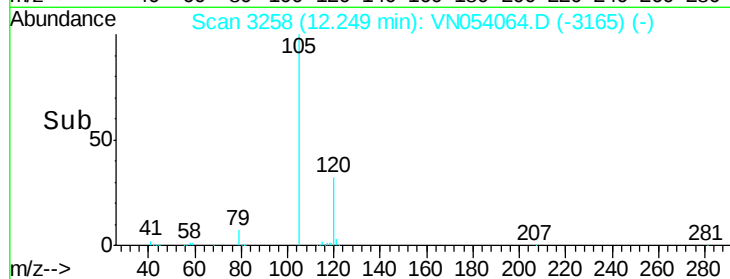
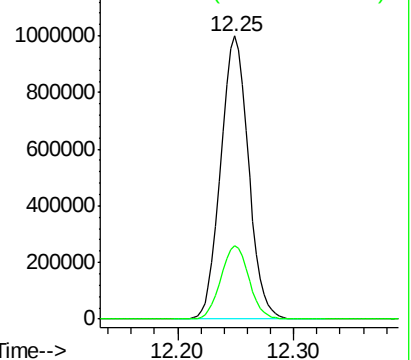
105 100

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



#74

N-ethyl acetate

Concen: 52.343 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tgt Ion: 43 Resp: 463056

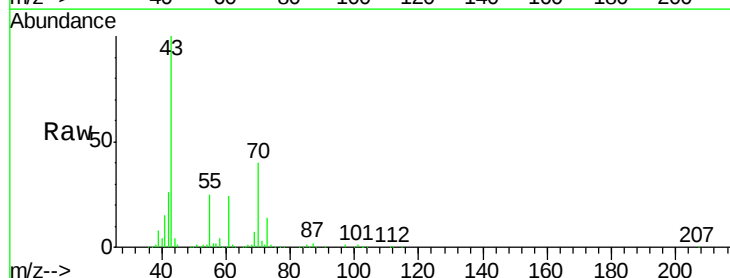
Ion Ratio Lower Upper

43 100

70 40.9 37.4 56.2

55 25.2 21.4 32.0

61 24.0 20.9 31.3

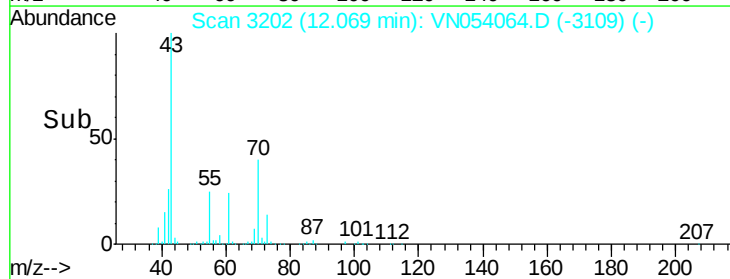
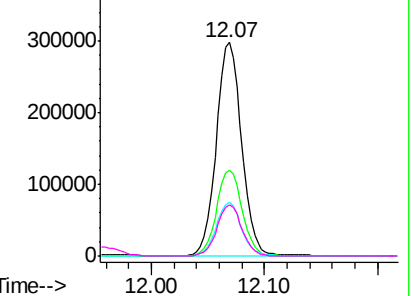


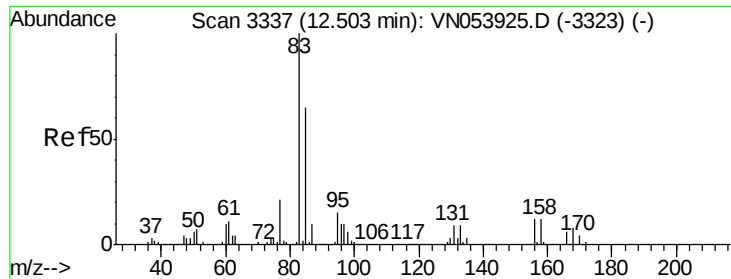
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.152 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

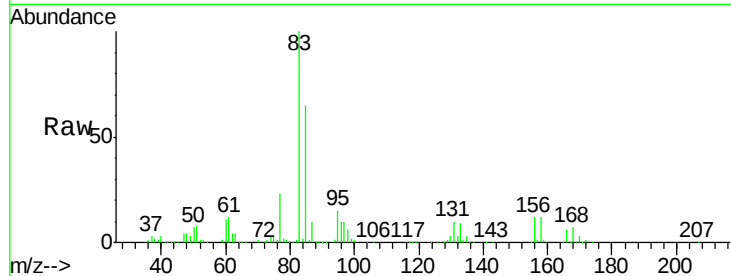
Tot Ion: 83 Resp: 397993

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	16.1
85	63.8	31.9	95.9

83 100

131 10.0 5.3 16.1

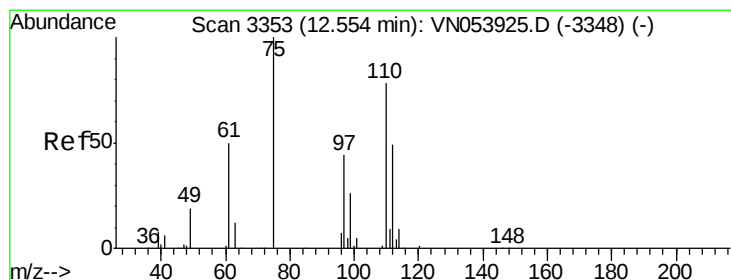
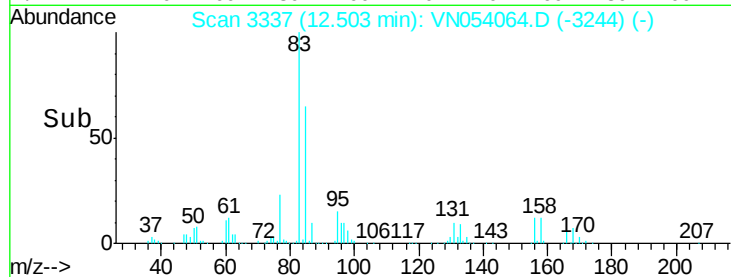
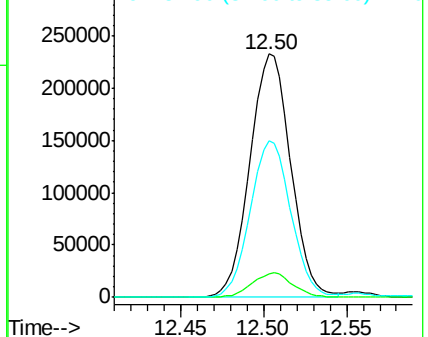
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN054064.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN054064.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN054064.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 47.422 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054064.D

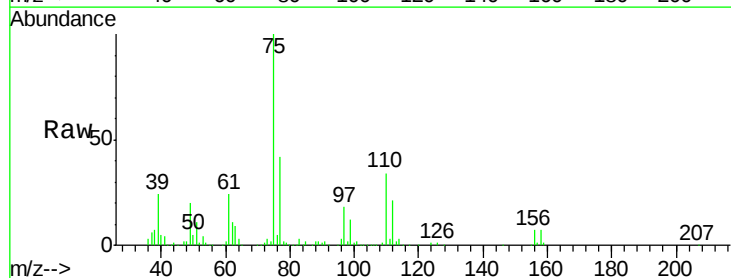
Acq: 4 Mar 2019 14:27

Tgt Ion: 75 Resp: 329859

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

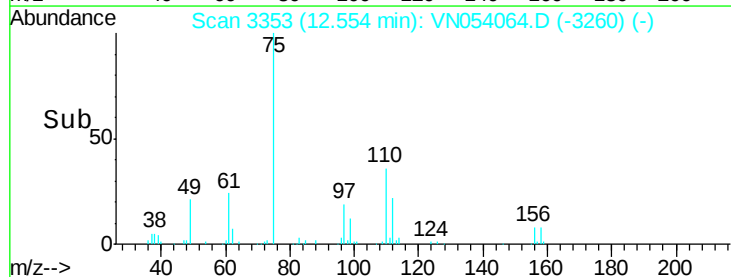
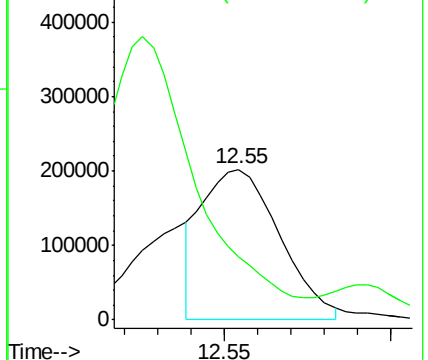
75 100

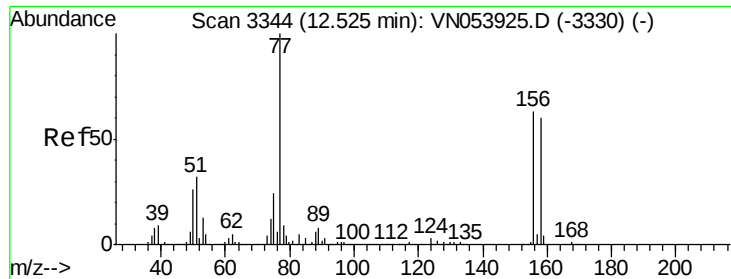
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054064.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054064.D (-3260) (-)





#77

Bromobenzene

Concen: 47.262 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

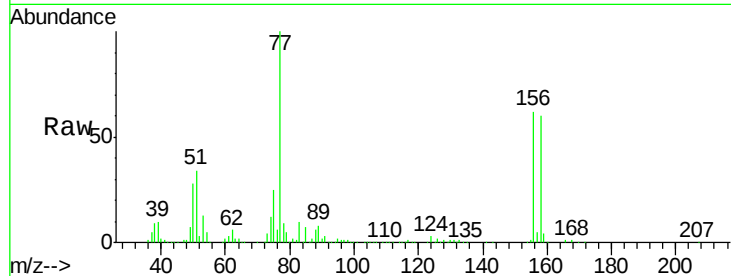
Tot Ion:156 Resp: 405022

Ion Ratio Lower Upper

156 100

77 190.0 84.0 252.2

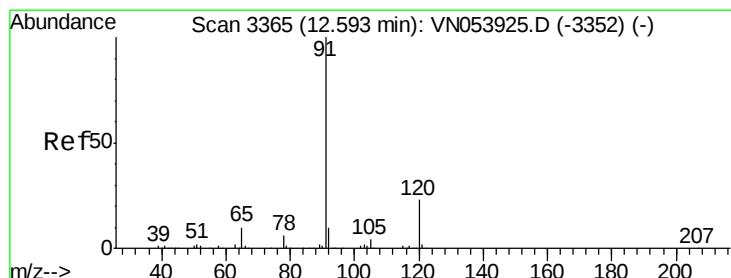
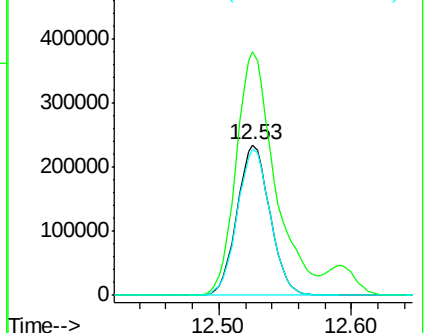
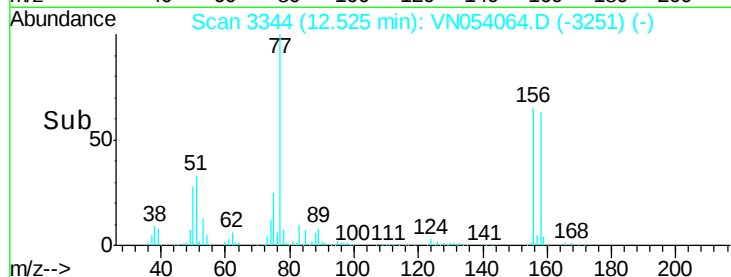
158 97.7 48.5 145.6



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: 51.515 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054064.D

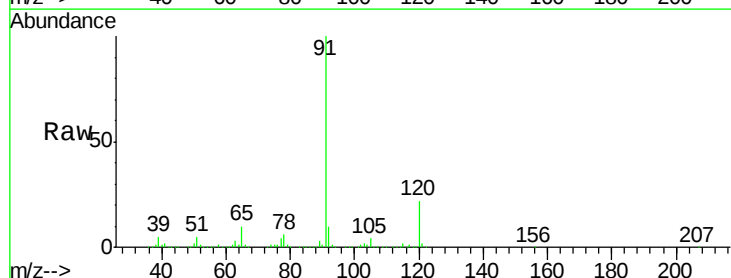
Acq: 4 Mar 2019 14:27

Tgt Ion: 91 Resp: 1977474

Ion Ratio Lower Upper

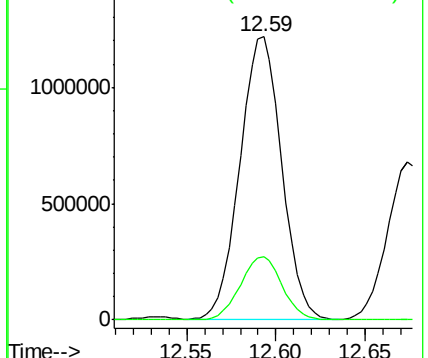
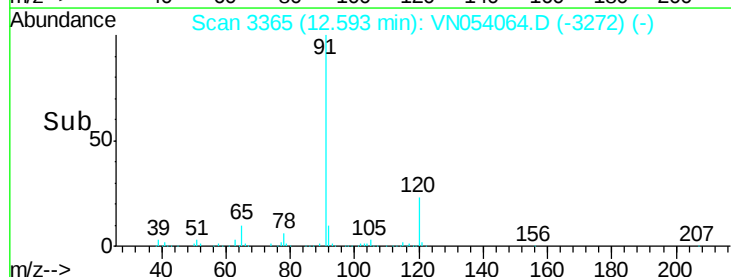
91 100

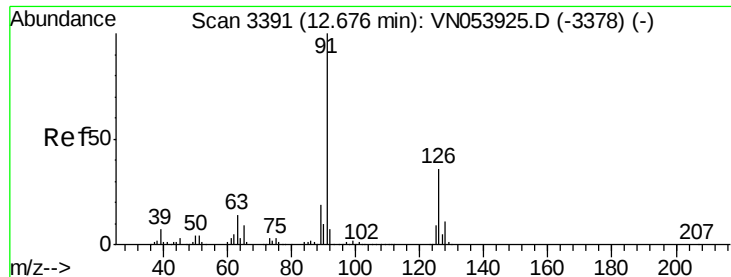
120 22.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.480 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054064.D

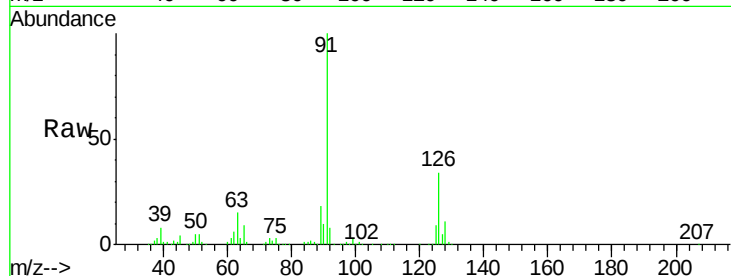
Acq: 4 Mar 2019 14:27

Tot Ion: 91 Resp: 1140983

Ion Ratio Lower Upper

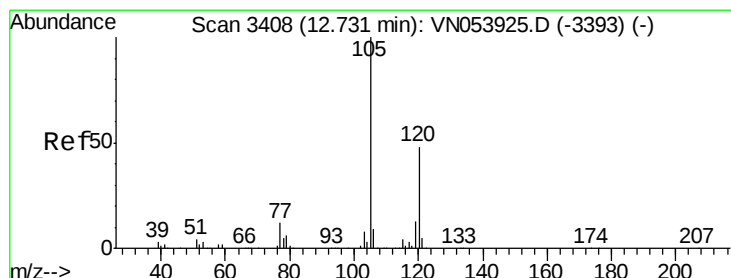
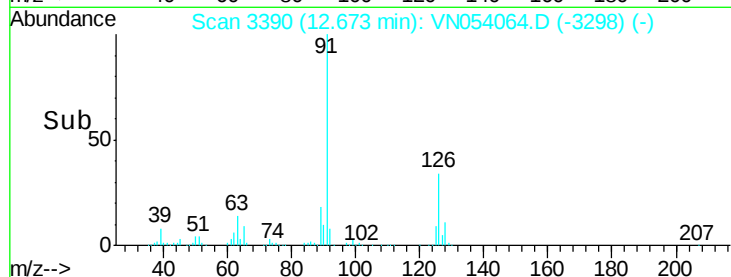
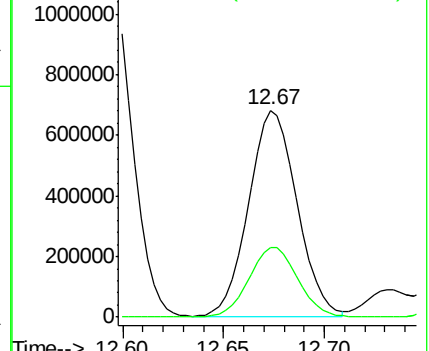
91 100

126 34.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.178 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054064.D

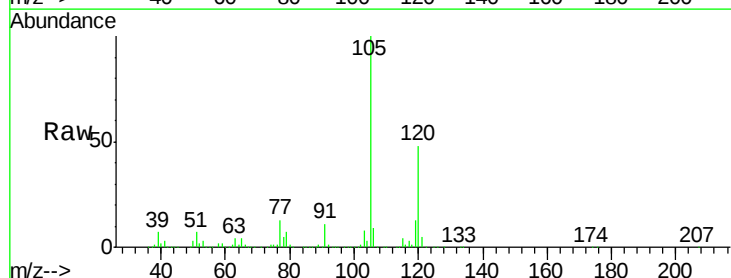
Acq: 4 Mar 2019 14:27

Tgt Ion:105 Resp: 1414180

Ion Ratio Lower Upper

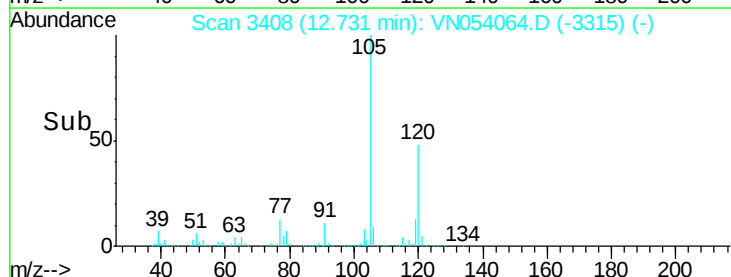
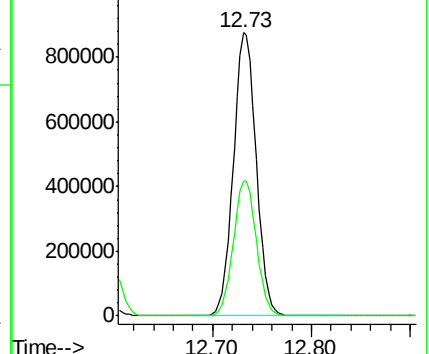
105 100

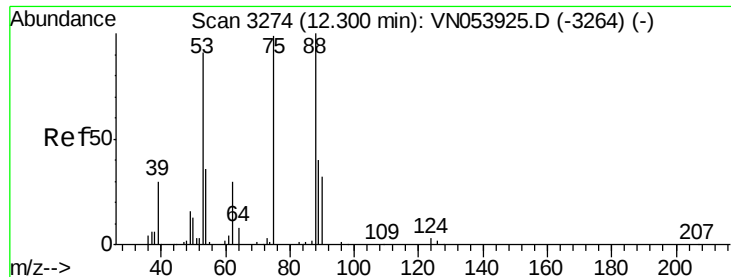
120 48.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

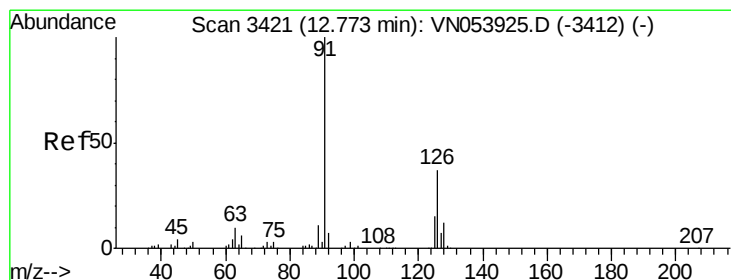
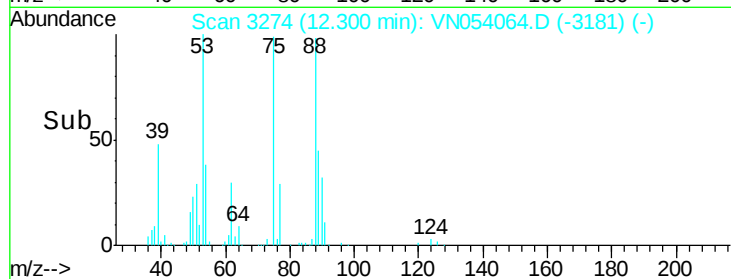
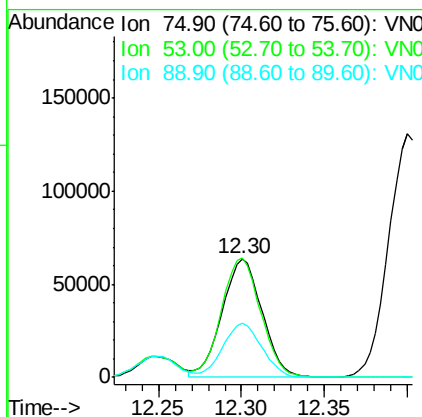
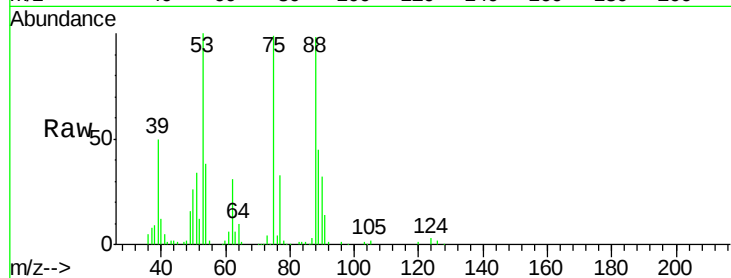
Ion 120.00 (119.70 to 120.70): V





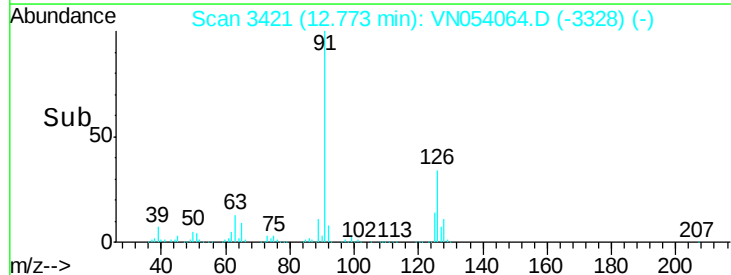
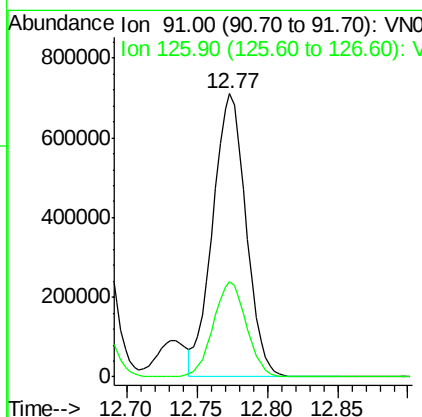
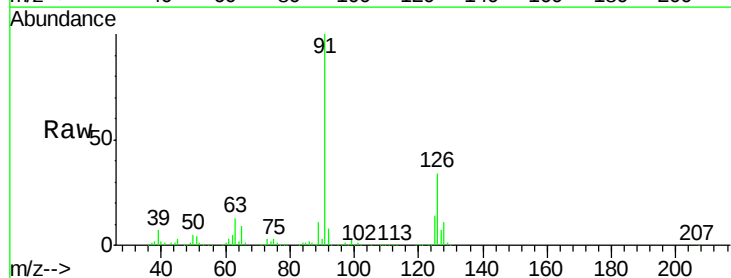
#81
trans-1,4-Dichloro-2-butene
Concen: 48.589 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

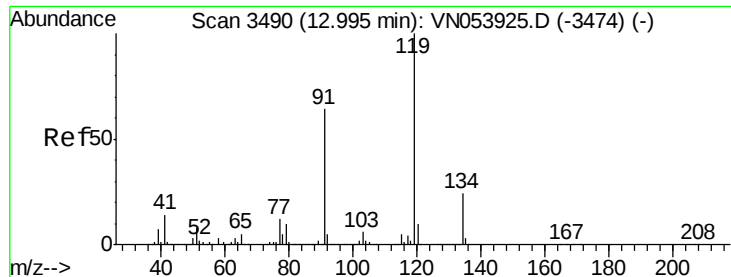
Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	68.6	102.8
89	44.5	35.3	52.9



#82
4-Chlorotoluene
Concen: 51.037 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

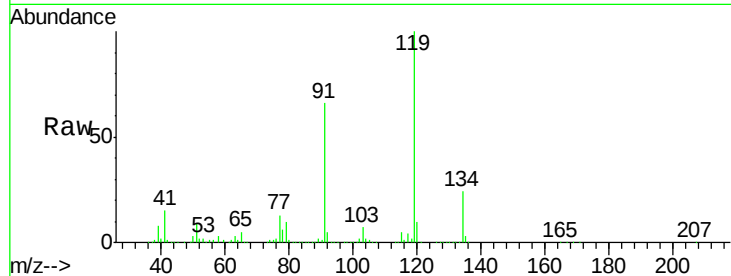
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	18.0	54.0



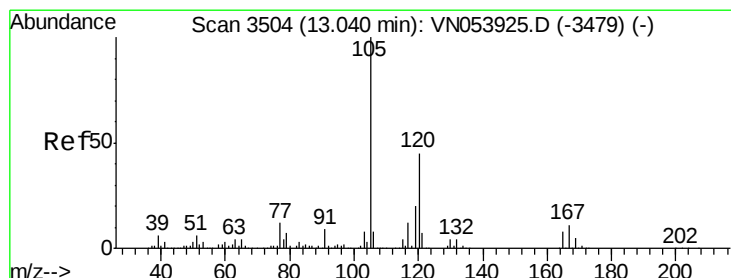
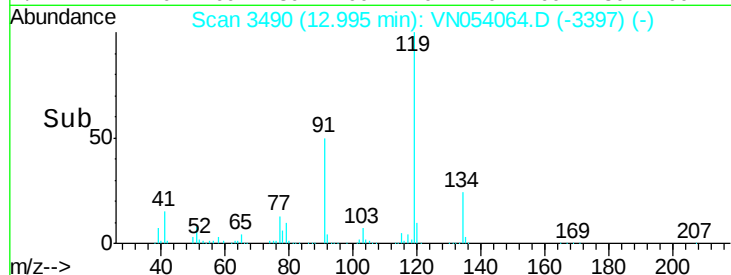
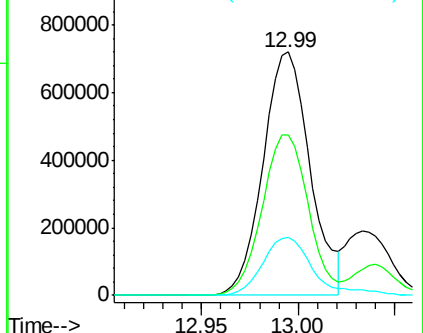


#83
tert-Butylbenzene
Concen: 49.814 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion:119 Resp: 1217419
Ion Ratio Lower Upper
119 100
91 64.8 30.6 91.8
134 25.6 13.0 39.0

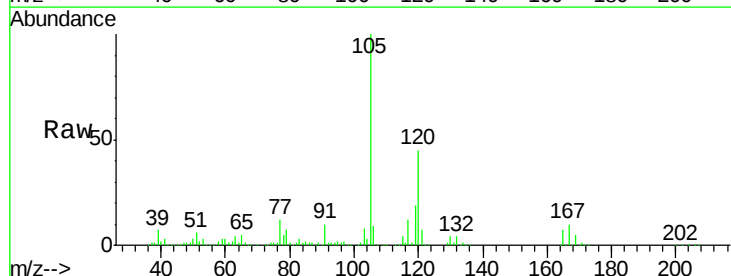


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

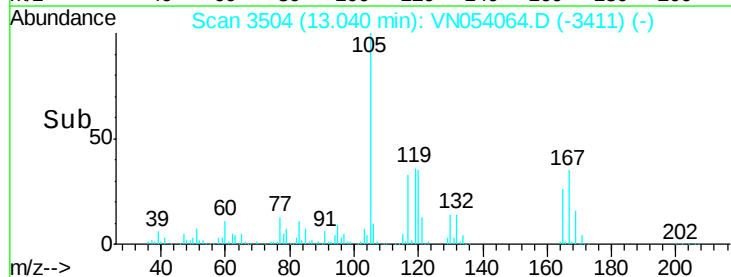
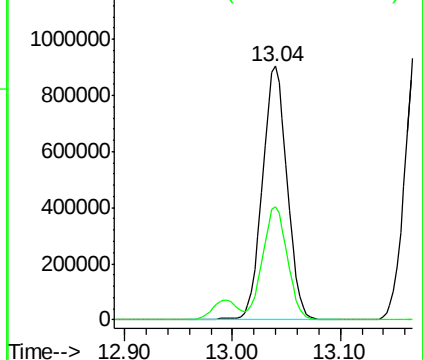


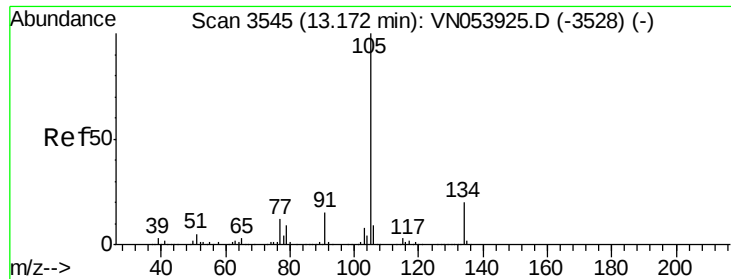
#84
1,2,4-Trimethylbenzene
Concen: 51.882 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion:105 Resp: 1431263
Ion Ratio Lower Upper
105 100
120 45.0 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: 50.423 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054064.D

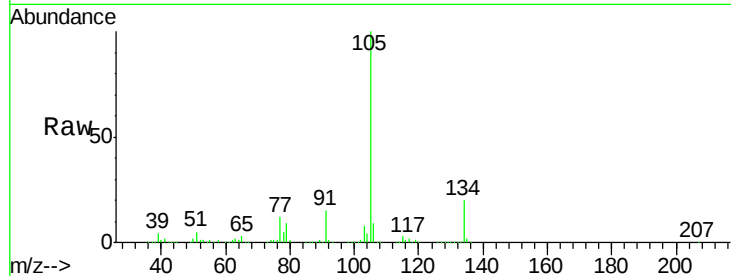
Acq: 4 Mar 2019 14:27

Tot Ion:105 Resp: 1683124

Ion Ratio Lower Upper

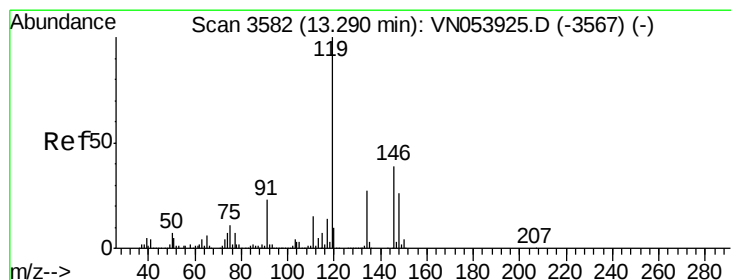
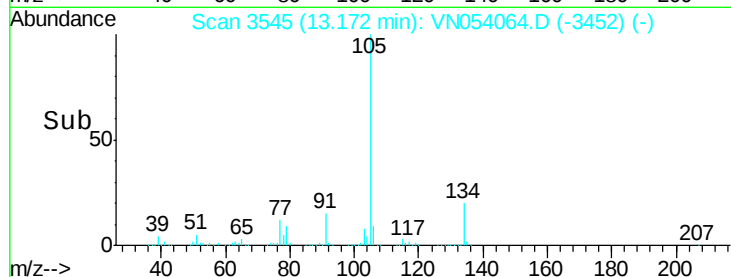
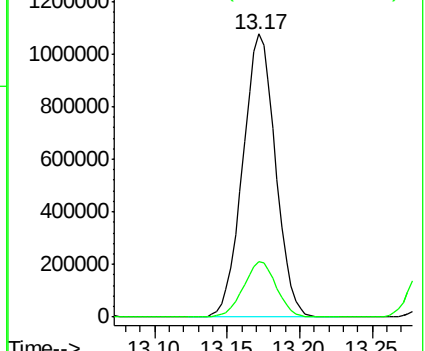
105 100

134 19.7 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: 51.315 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

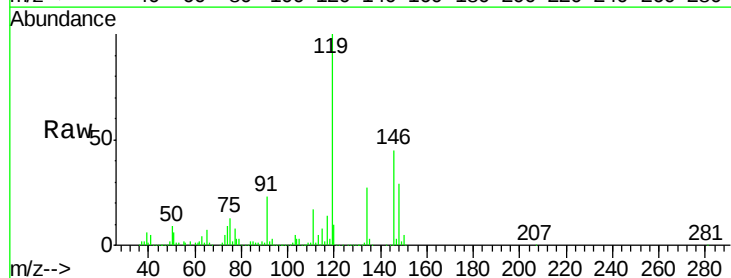
Tgt Ion:119 Resp: 1448035

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

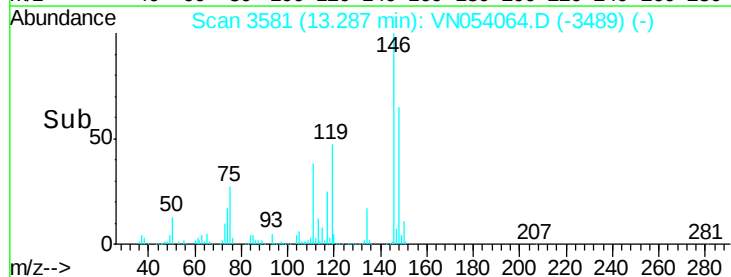
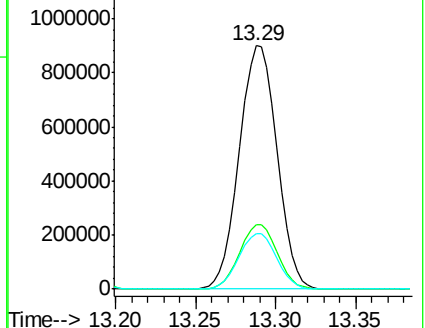
91 22.8 10.9 32.6

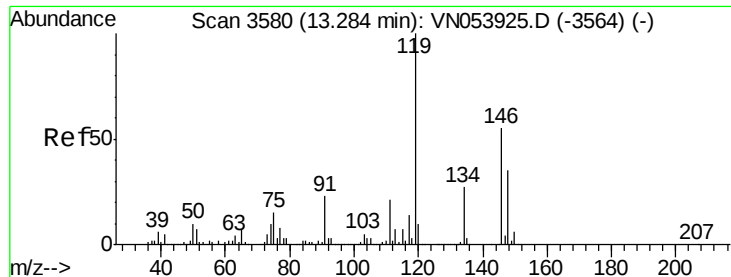


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.534 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

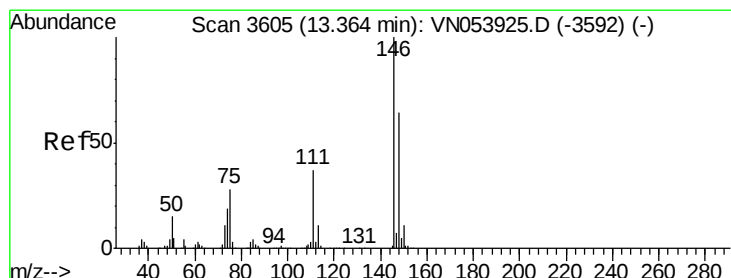
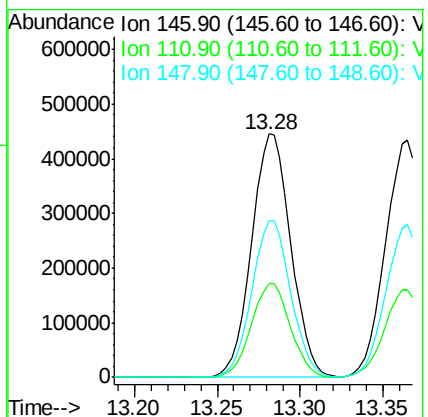
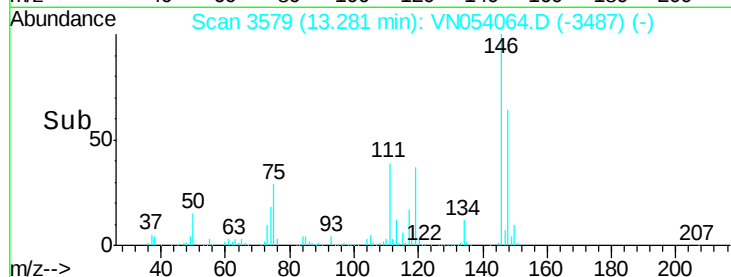
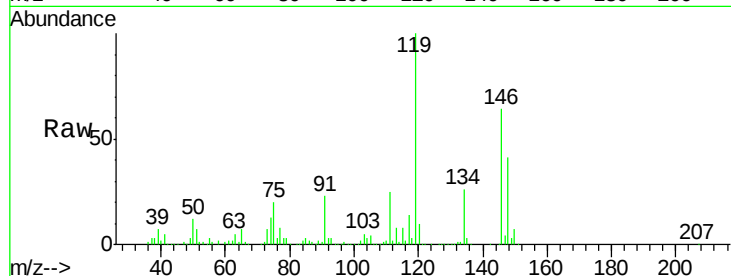
Tot Ion:146 Resp: 734325

Ion Ratio Lower Upper

146 100

111 38.5 18.7 56.1

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.712 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

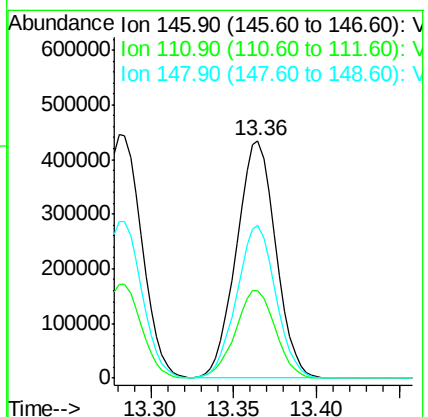
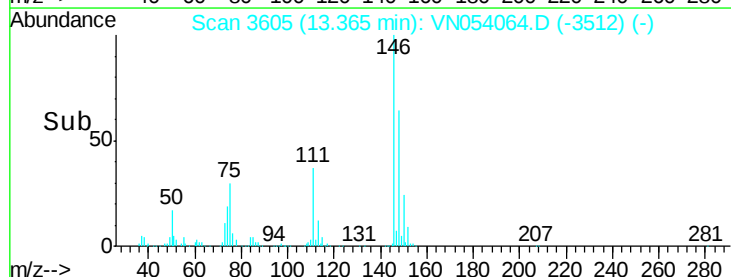
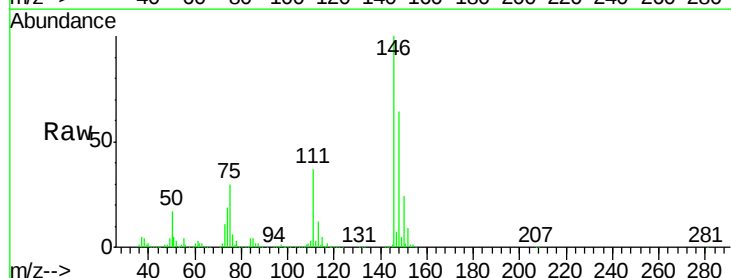
Tgt Ion:146 Resp: 714988

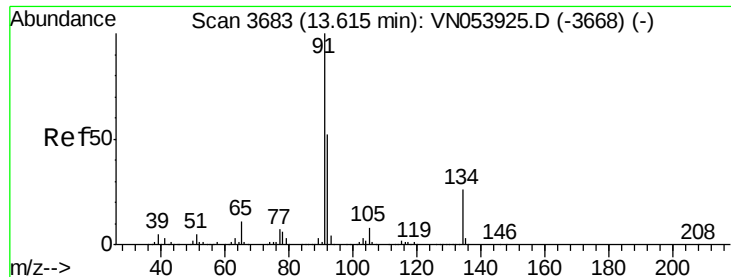
Ion Ratio Lower Upper

146 100

111 37.6 18.0 54.0

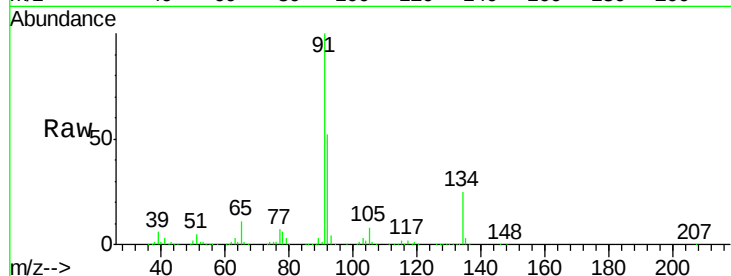
148 63.9 32.1 96.5



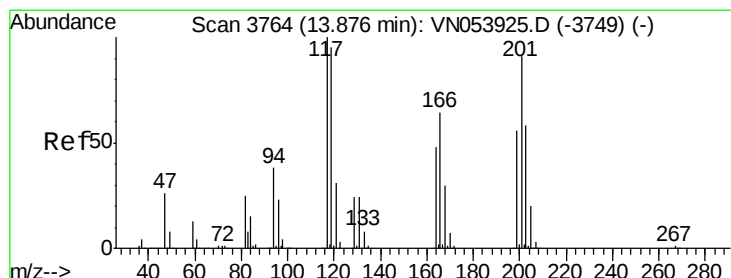
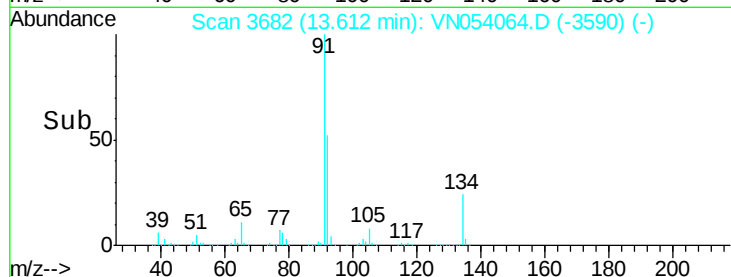
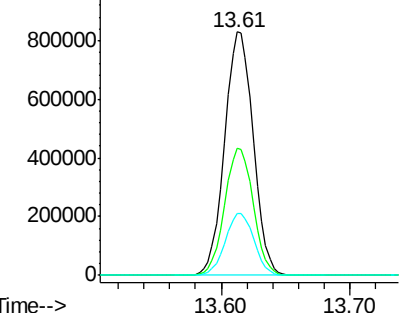


#89
n-Butylbenzene
Concen: 53.727 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tot Ion: 91 Resp: 1277718
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 25.5 13.6 40.8

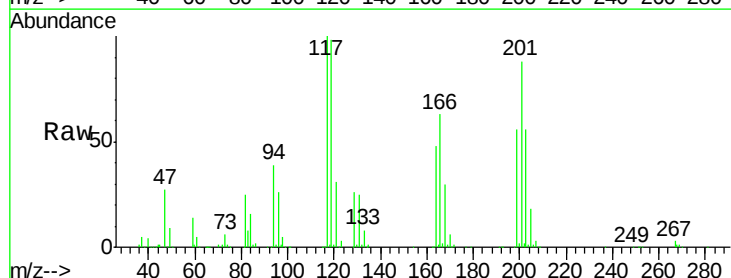


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

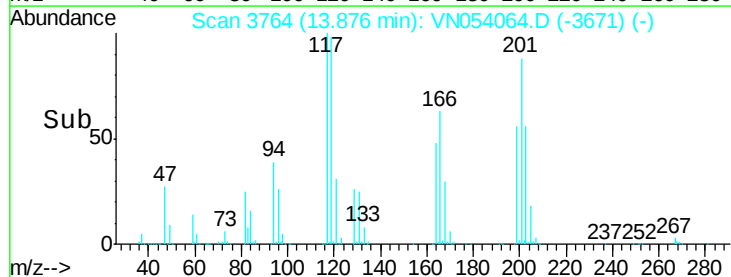
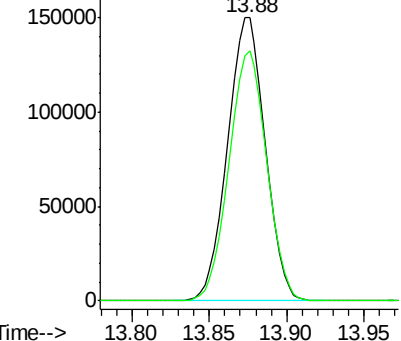


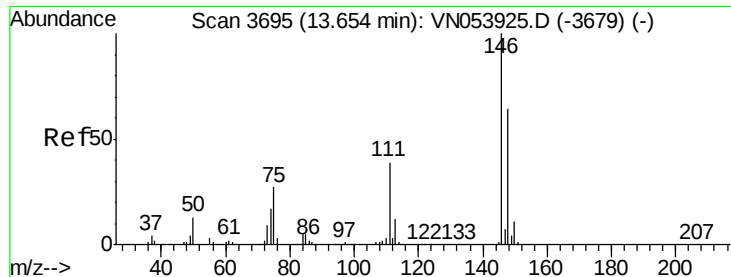
#90
Hexachloroethane
Concen: 46.560 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN054064.D
Acq: 4 Mar 2019 14:27

Tgt Ion: 117 Resp: 254602
Ion Ratio Lower Upper
117 100
201 88.3 48.0 144.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.245 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

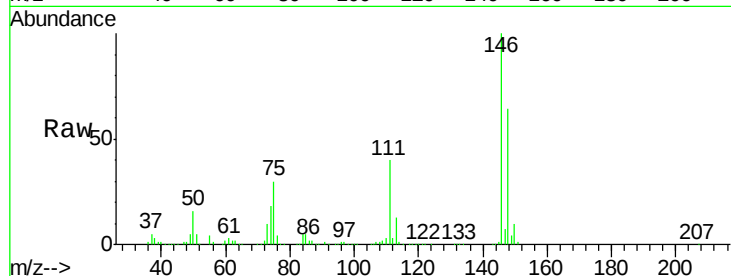
Tot Ion:146 Resp: 706689

Ion Ratio Lower Upper

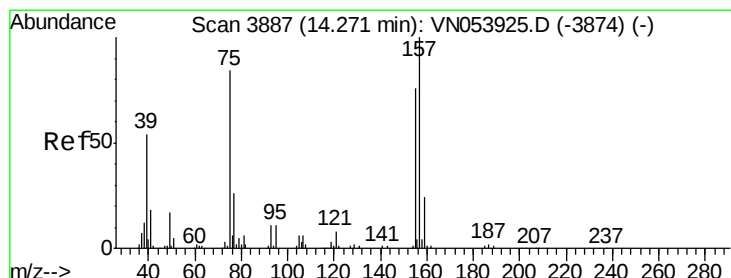
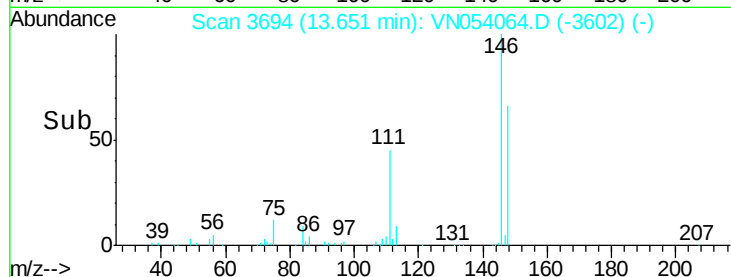
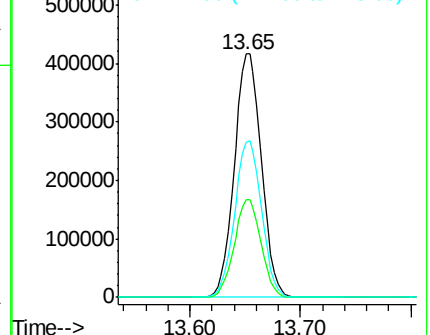
146 100

111 39.7 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: 48.826 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

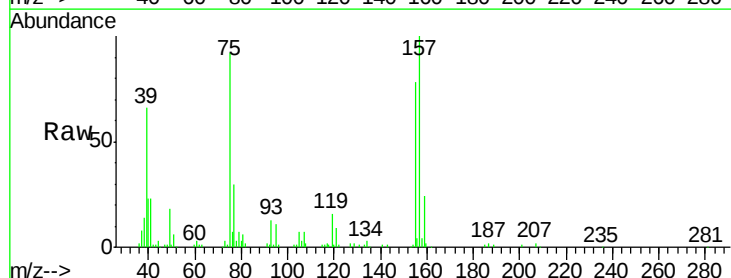
Tgt Ion: 75 Resp: 58239

Ion Ratio Lower Upper

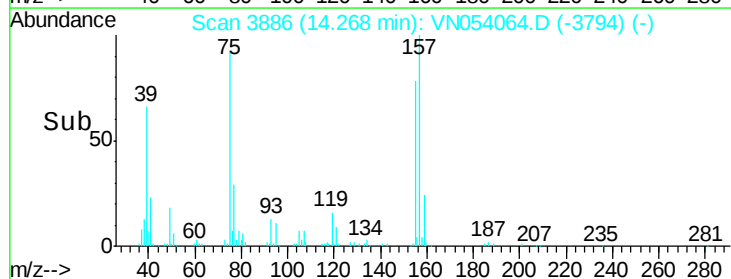
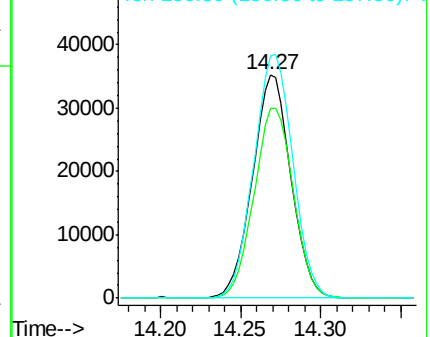
75 100

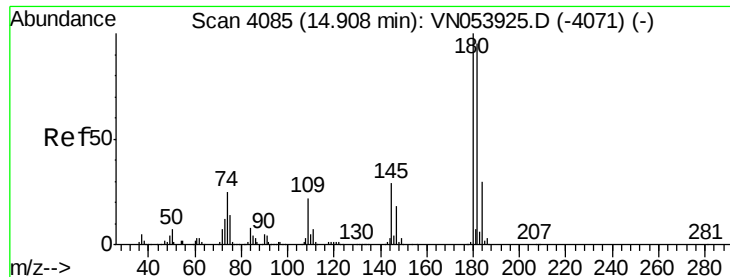
155 86.8 49.5 148.5

157 111.0 64.8 194.6



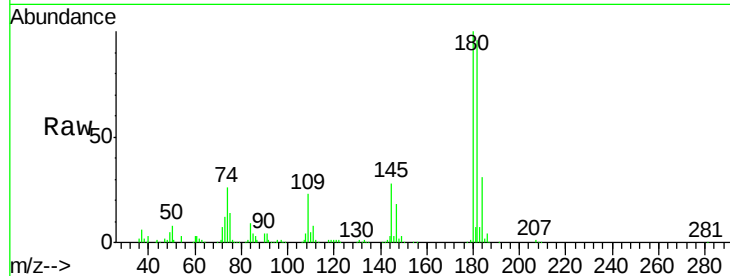
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



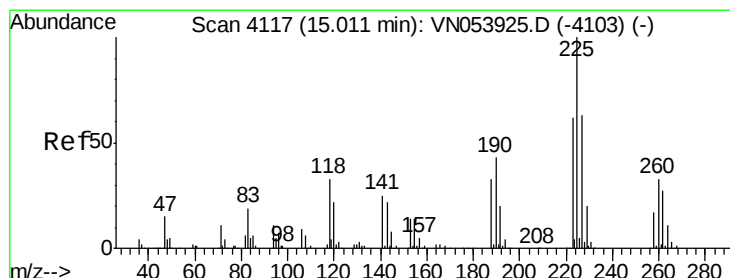
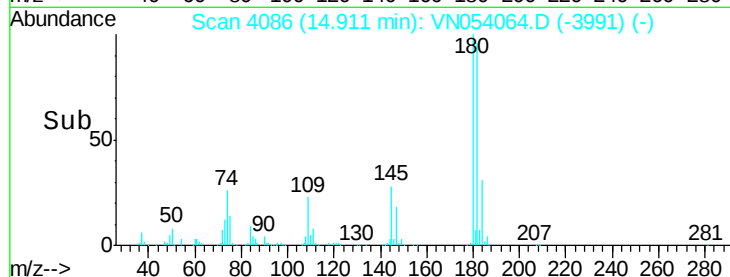
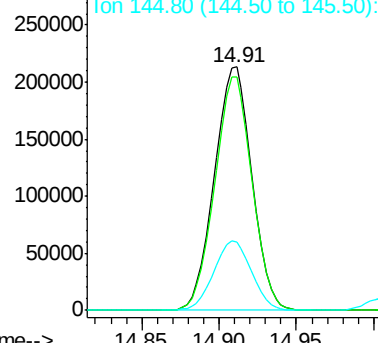


#93
 1,2,4-Trichlorobenzene
 Concen: 45.333 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tot Ion:180 Resp: 359568
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.6 145.9
 145 28.7 13.8 41.3

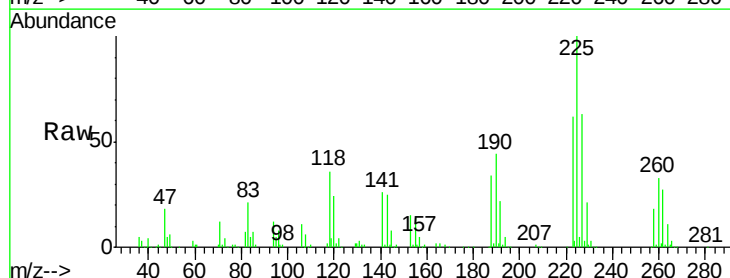


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

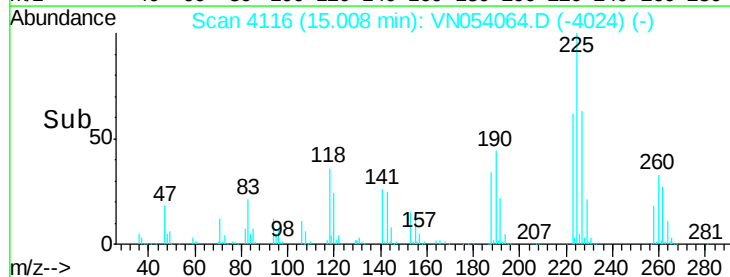
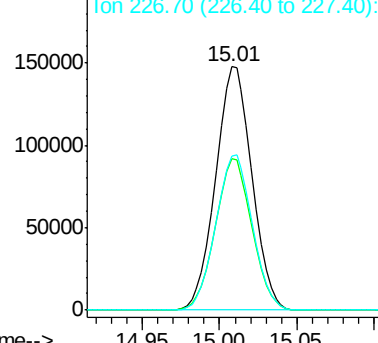


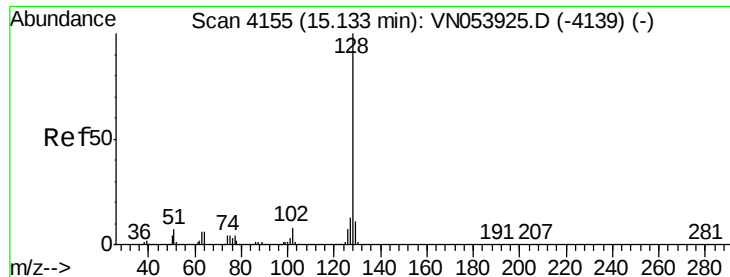
#94
 Hexachlorobutadiene
 Concen: 46.682 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054064.D
 Acq: 4 Mar 2019 14:27

Tgt Ion:225 Resp: 241992
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.5
 227 63.9 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: 41.912 ug/l

RT: 15.13 min Scan# 4155

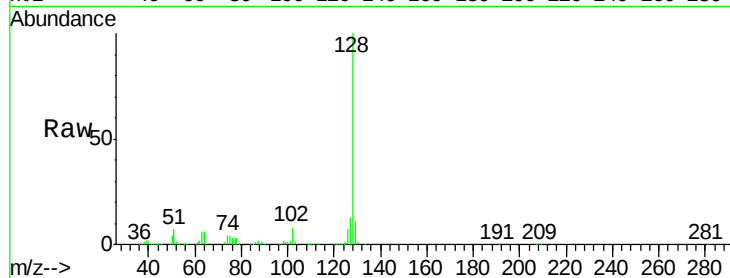
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tot Ion:128 Resp: 710036

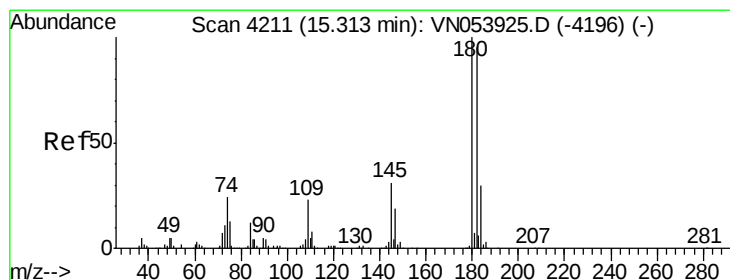
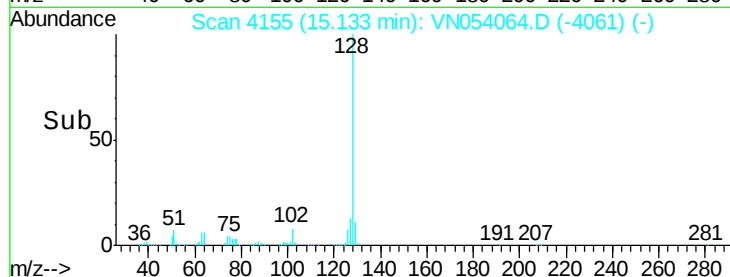
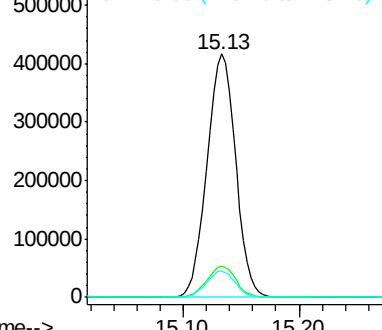
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.6	12.8



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: 44.462 ug/l

RT: 15.31 min Scan# 4211

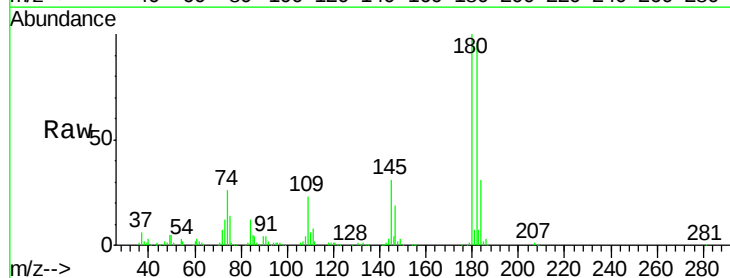
Delta R.T. 0.00 min

Lab File: VN054064.D

Acq: 4 Mar 2019 14:27

Tgt Ion:180 Resp: 338535

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.8
145	30.7	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

