

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054068.D
 Acq On : 4 Mar 2019 16:27
 Operator : JC/SP
 Sample : VN0304WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 04 23:54:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	596550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1004136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	371494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	385528	55.13	ug/l	0.00
Spiked Amount			Recovery	=	110.26%	
35) Dibromofluoromethane	7.59	113	332378	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	10.09	98	1220282	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	390629	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	111597	20.327	ug/l	100
3) Chloromethane	2.06	50	162854	21.385	ug/l	99
4) Vinyl Chloride	2.19	62	159881	20.954	ug/l	99
5) Bromomethane	2.57	94	102078	20.200	ug/l	98
6) Chloroethane	2.71	64	99123	20.888	ug/l	99
7) Trichlorofluoromethane	3.02	101	201661	20.688	ug/l	98
8) Diethyl Ether	3.41	74	77932	21.339	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126527	20.552	ug/l	95
10) Methyl Iodide	3.95	142	166961	20.639	ug/l	98
11) Tert butyl alcohol	4.78	59	47122	106.296	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	120597	20.479	ug/l	90
13) Acrolein	3.61	56	37202	81.055	ug/l	97
14) Allyl chloride	4.33	41	227375	22.014	ug/l	95
15) Acrylonitrile	4.99	53	262235	112.237	ug/l	99
16) Acetone	3.81	43	210989	107.027	ug/l	94
17) Carbon Disulfide	4.06	76	364474	19.185	ug/l	99
18) Methyl Acetate	4.32	43	121367	24.821	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	345319	21.859	ug/l	97
20) Methylene Chloride	4.55	84	145516	21.025	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	130883	20.535	ug/l	91
22) Diisopropyl ether	5.95	45	452201	22.694	ug/l	93
23) Vinyl Acetate	5.90	43	1576987	110.015	ug/l	95
24) 1,1-Dichloroethane	5.85	63	264183	21.620	ug/l	99
25) 2-Butanone	6.83	43	298071	108.557	ug/l	95
26) 2,2-Dichloropropane	6.83	77	187624	21.612	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	150060	21.170	ug/l	91
28) Bromochloromethane	7.19	49	126309	22.583	ug/l #	80
29) Tetrahydrofuran	7.21	42	204005	111.570	ug/l	90
30) Chloroform	7.37	83	253415	21.388	ug/l	100
31) Cyclohexane	7.65	56	240450	21.267	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	208467	21.339	ug/l	96
36) 1,1-Dichloropropene	7.79	75	195945	20.983	ug/l	95
37) Ethyl Acetate	6.93	43	135915	20.384	ug/l #	97
38) Carbon Tetrachloride	7.77	117	181920	18.732	ug/l	99

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

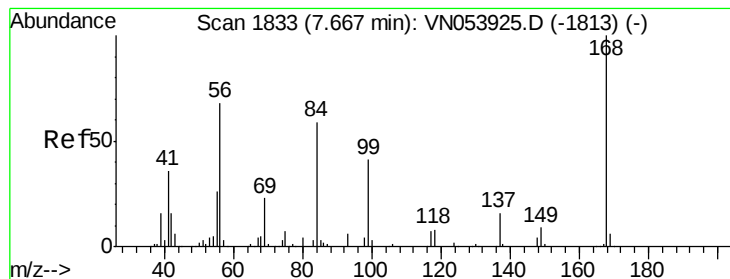
39) Methylcyclohexane	9.08	83	215104	19.111	ug/l	93
40) Benzene	8.04	78	576991	20.113	ug/l	98
41) Methacrylonitrile	7.17	41	66826	15.565	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	188585	21.234	ug/l	96
43) Isopropyl Acetate	8.17	43	229268	20.365	ug/l #	91
44) Trichloroethene	8.84	130	149625	19.674	ug/l	97
45) 1,2-Dichloropropane	9.12	63	156173	20.178	ug/l	100
46) Dibromomethane	9.21	93	90406	20.120	ug/l	92
47) Bromodichloromethane	9.40	83	190248	20.091	ug/l	100
48) Methyl methacrylate	9.20	41	106089	20.487	ug/l	92
49) 1,4-Dioxane	9.20	88	28140	401.214	ug/l #	92
51) 4-Methyl-2-Pentanone	9.98	43	614002	106.135	ug/l	96
52) Toluene	10.16	92	343947	20.362	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	183885	19.958	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	218739	20.139	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	128315	20.340	ug/l	99
56) Ethyl methacrylate	10.43	69	150151	19.398	ug/l	90
57) 1,3-Dichloropropane	10.71	76	222540	20.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	340725	97.275	ug/l	94
59) 2-Hexanone	10.75	43	386017	102.595	ug/l	93
60) Dibromochloromethane	10.90	129	136627	19.488	ug/l	100
61) 1,2-Dibromoethane	11.01	107	121420	19.952	ug/l	99
64) Tetrachloroethene	10.63	164	141053	19.356	ug/l	96
65) Chlorobenzene	11.43	112	364177	20.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	133072	20.329	ug/l	99
67) Ethyl Benzene	11.51	91	623293	20.470	ug/l	98
68) m/p-Xylenes	11.62	106	470964	40.982	ug/l	95
69) o-Xylene	11.95	106	231999	20.546	ug/l	99
70) Styrene	11.96	104	363244	20.915	ug/l	98
71) Bromoform	12.13	173	89603	19.676	ug/l #	98
73) Isopropylbenzene	12.25	105	605781	20.948	ug/l	98
74) N-amyl acetate	12.07	43	166132	21.919	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	152651	21.109	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	182262	30.584	ug/l #	100
77) Bromobenzene	12.53	156	147994	20.157	ug/l	89
78) n-propylbenzene	12.59	91	702438	21.359	ug/l	97
79) 2-Chlorotoluene	12.68	91	418340	21.175	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	508206	21.466	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	35554	18.856	ug/l #	87
82) 4-Chlorotoluene	12.77	91	408199	20.906	ug/l	96
83) tert-Butylbenzene	12.99	119	453811	21.673	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	510366	21.593	ug/l	98
85) sec-Butylbenzene	13.17	105	607123	21.229	ug/l	98
86) p-Isopropyltoluene	13.29	119	505139	20.894	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	255246	20.096	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	248435	20.161	ug/l	98
89) n-Butylbenzene	13.62	91	415328	20.384	ug/l	98
90) Hexachloroethane	13.87	117	93141	19.881	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	257915	20.977	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21555	21.092	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108968	17.472	ug/l	98
94) Hexachlorobutadiene	15.01	225	84834	19.101	ug/l	99
95) Naphthalene	15.13	128	214399	16.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	111269	18.017	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054068.D

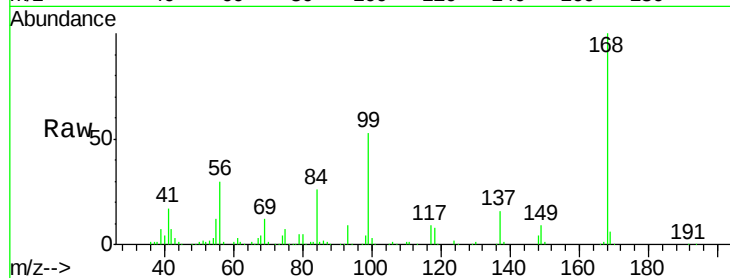
Acq: 4 Mar 2019 16:27

Tot Ion:168 Resp: 596550

Ion Ratio Lower Upper

168 100

99 51.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

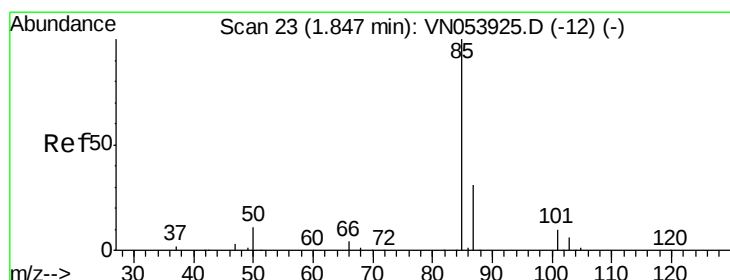
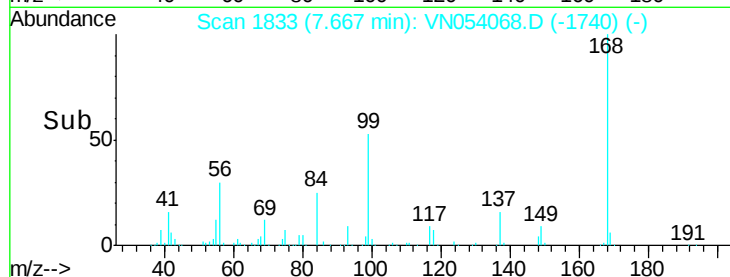
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.327 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054068.D

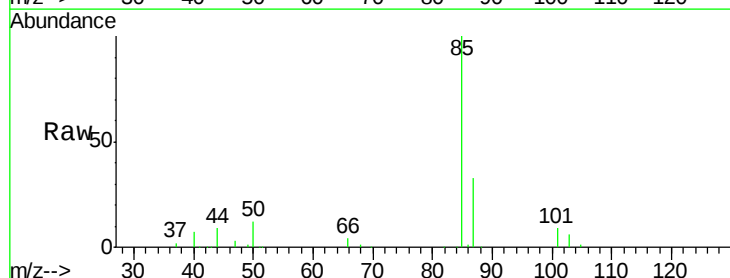
Acq: 4 Mar 2019 16:27

Tgt Ion: 85 Resp: 111597

Ion Ratio Lower Upper

85 100

87 32.7 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

80000

60000

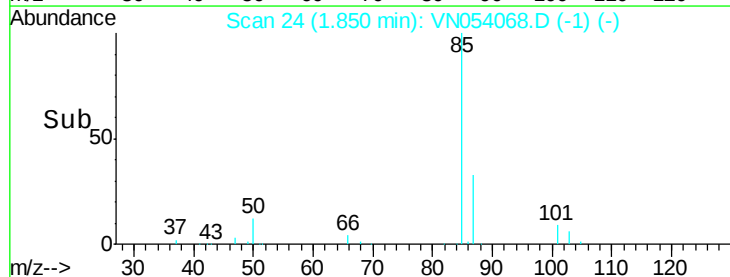
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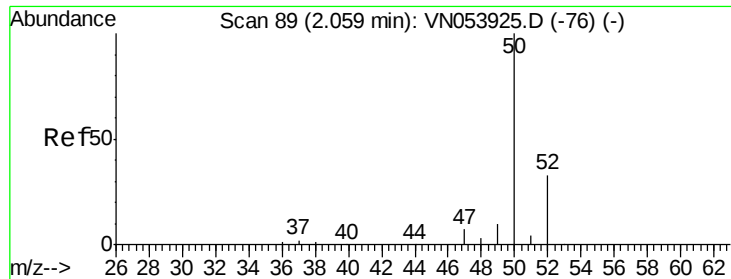
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 21.385 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054068.D

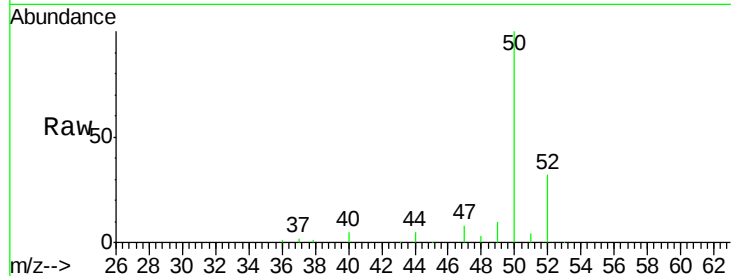
Acq: 4 Mar 2019 16:27

Tot Ion: 50 Resp: 162854

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN053925.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN053925.D (-76) (-)

2.06

120000

100000

80000

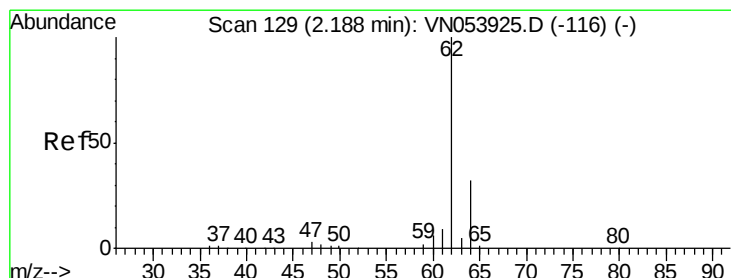
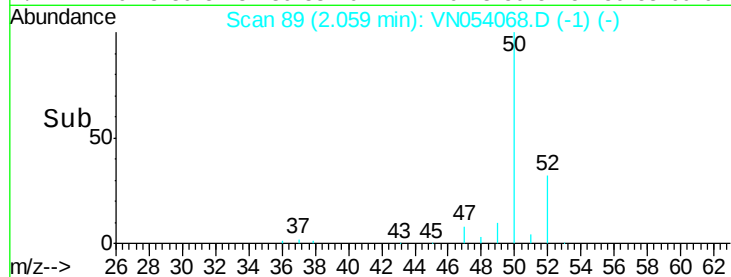
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 20.954 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054068.D

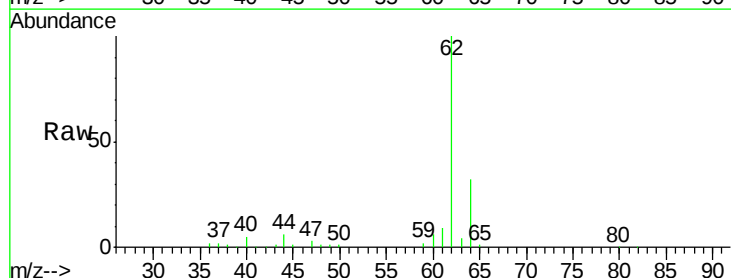
Acq: 4 Mar 2019 16:27

Tgt Ion: 62 Resp: 159881

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN053925.D (-116) (-)

Ion 63.90 (63.60 to 64.60): VN053925.D (-116) (-)

2.19

120000

100000

80000

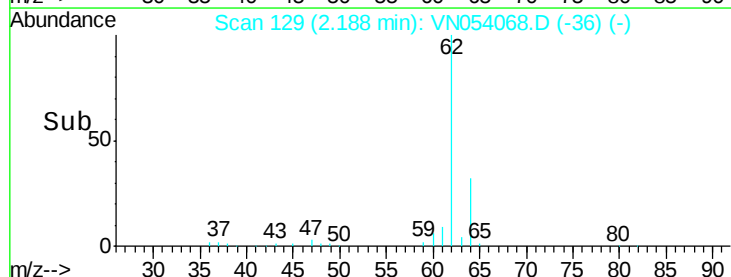
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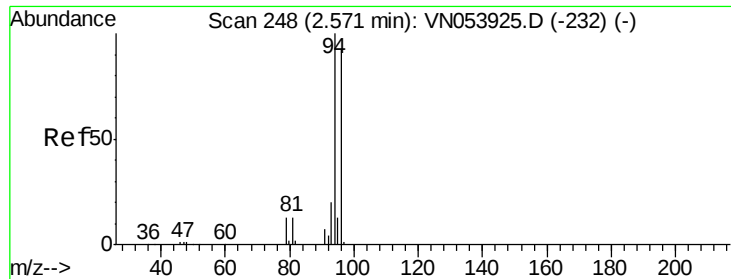
40000

20000

0

Time-->





#5

Bromomethane

Concen: 20.200 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054068.D

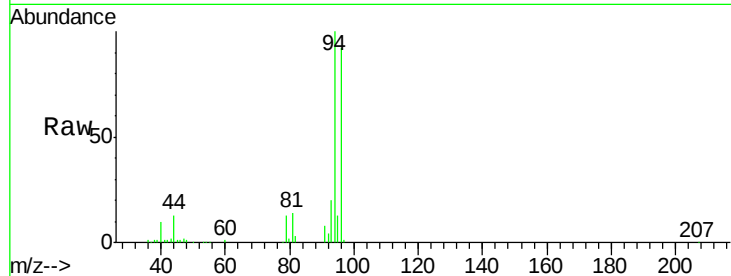
Acq: 4 Mar 2019 16:27

Tot Ion: 94 Resp: 102078

Ion Ratio Lower Upper

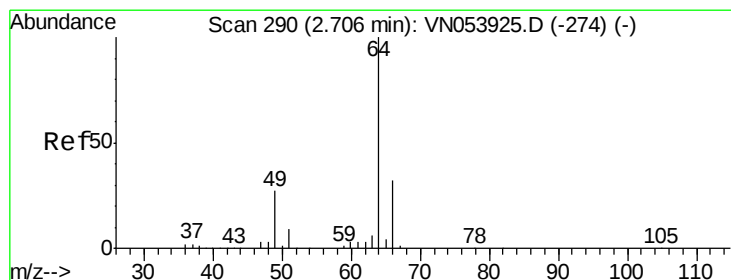
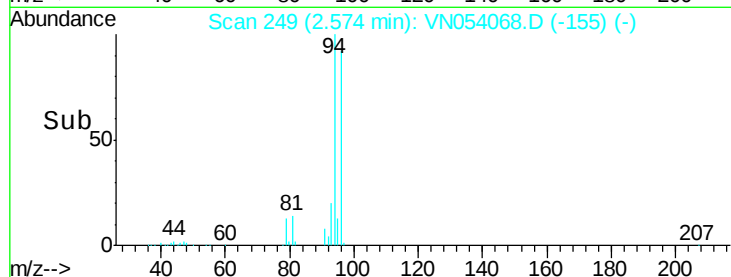
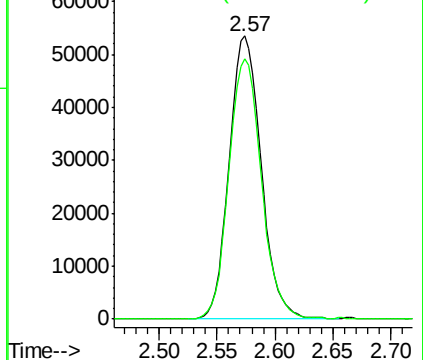
94 100

96 91.9 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: 20.888 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054068.D

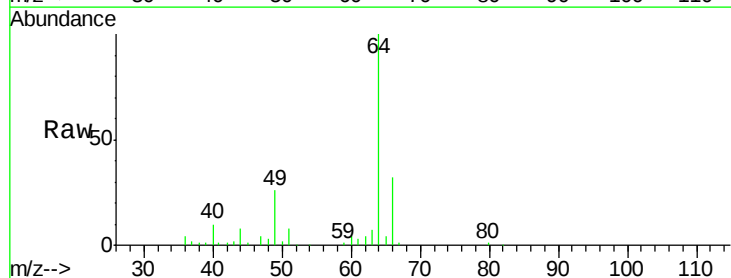
Acq: 4 Mar 2019 16:27

Tgt Ion: 64 Resp: 99123

Ion Ratio Lower Upper

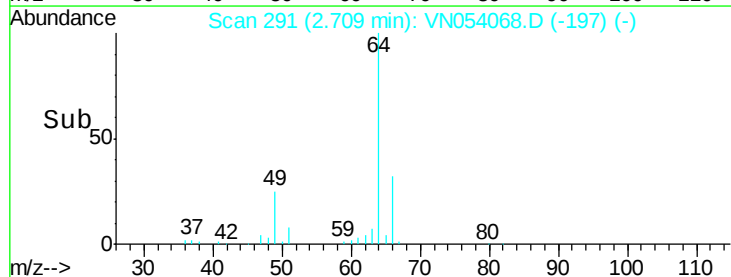
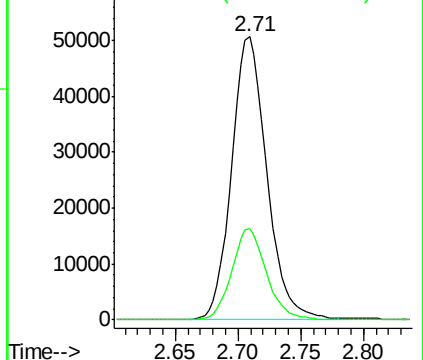
64 100

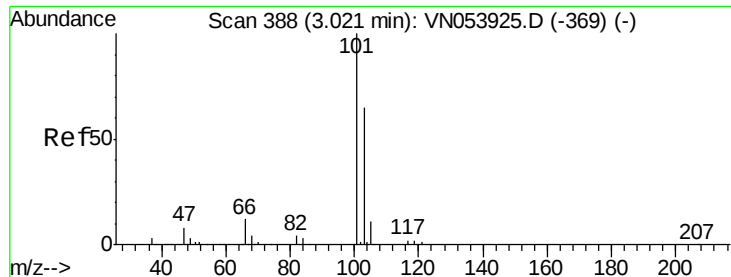
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

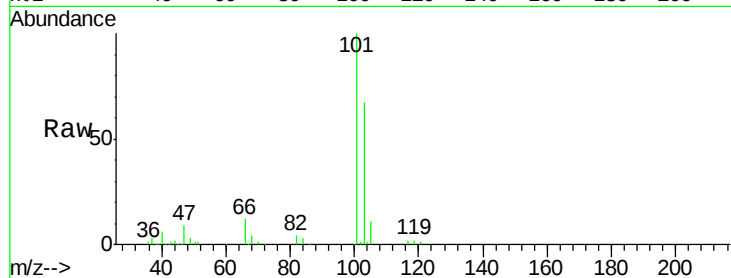




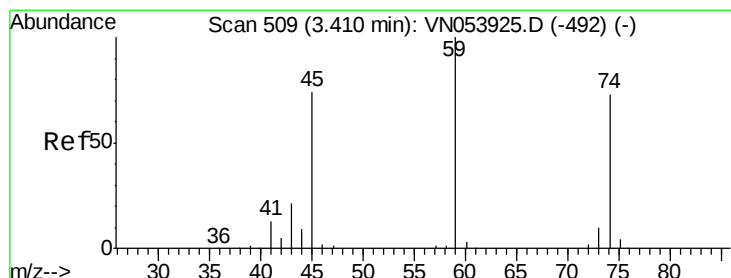
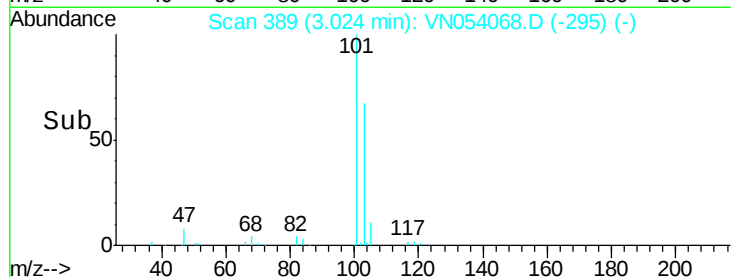
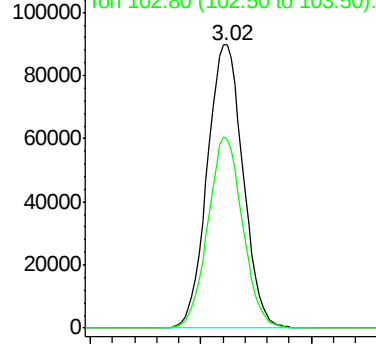
#7

Trichlorofluoromethane
Concen: 20.688 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.9	77.9



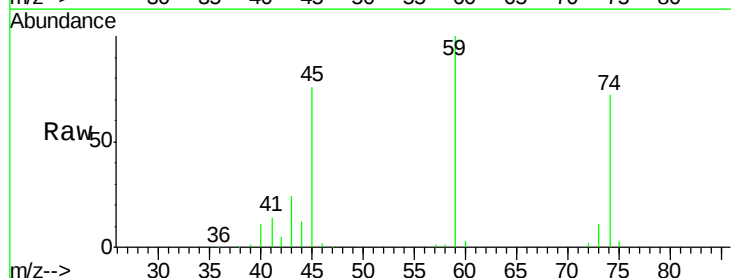
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



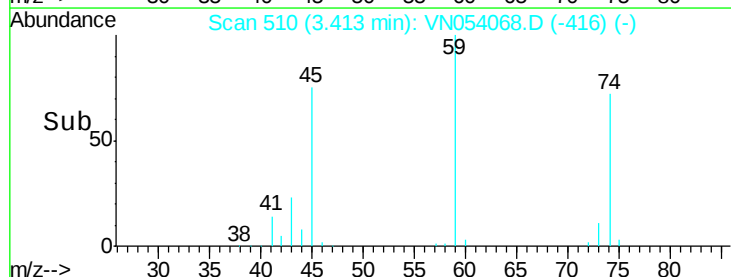
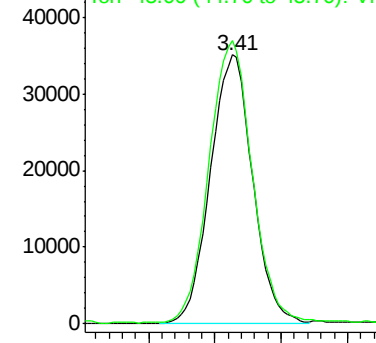
#8

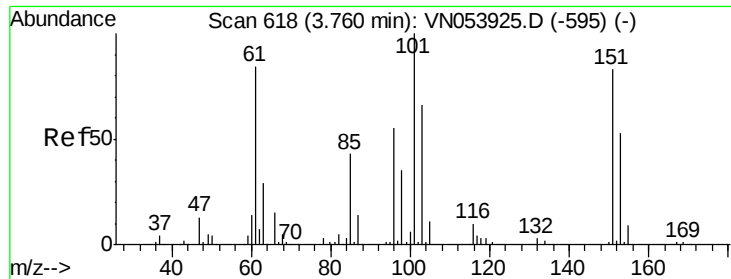
Diethyl Ether
Concen: 21.339 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.7	46.9	140.6



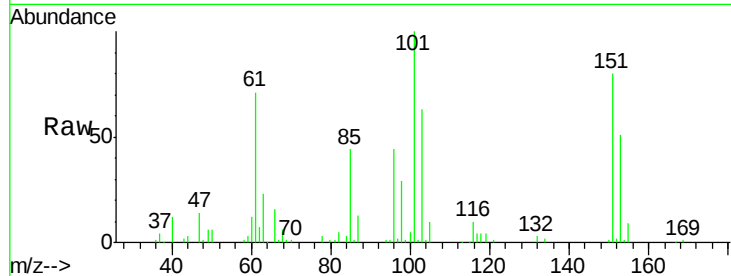
Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO



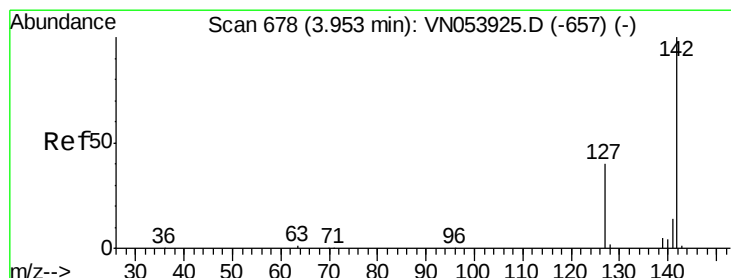
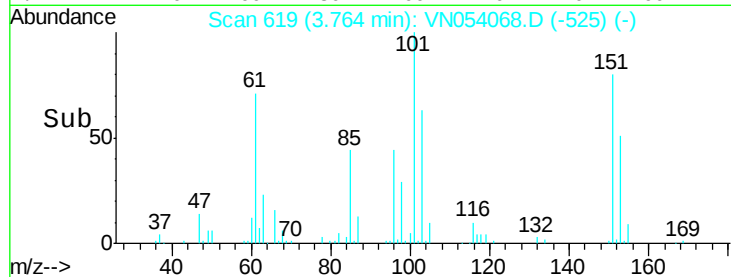
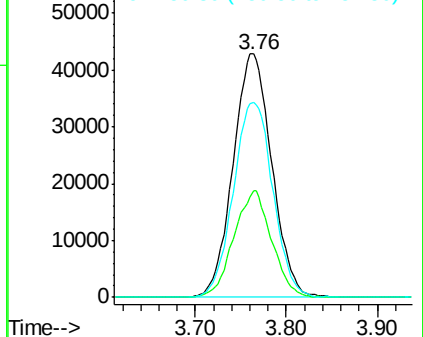


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.552 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tot Ion:101 Resp: 126527
 Ion Ratio Lower Upper
 101 100
 85 42.7 32.5 48.7
 151 81.7 70.2 105.2

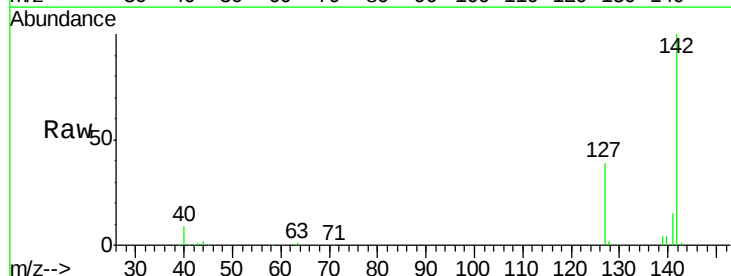


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

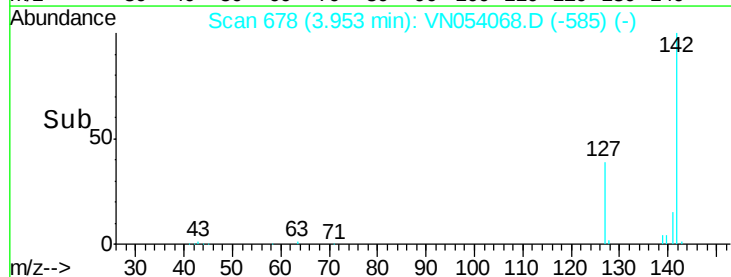
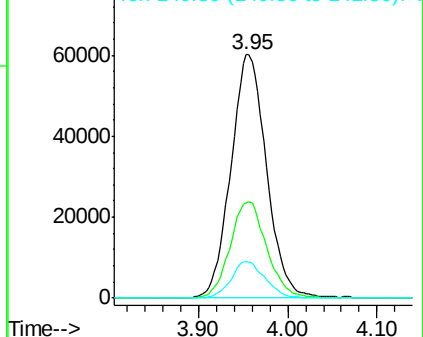


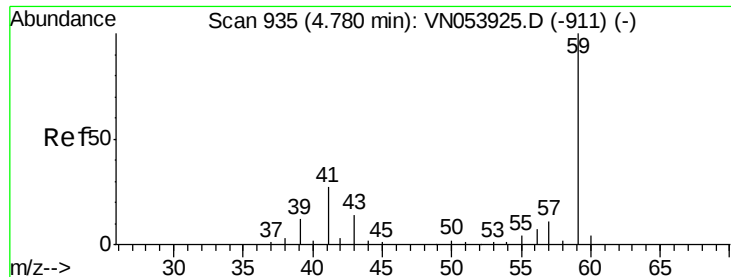
#10
 Methyl Iodide
 Concen: 20.639 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tgt Ion:142 Resp: 166961
 Ion Ratio Lower Upper
 142 100
 127 40.6 31.0 46.4
 141 14.3 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

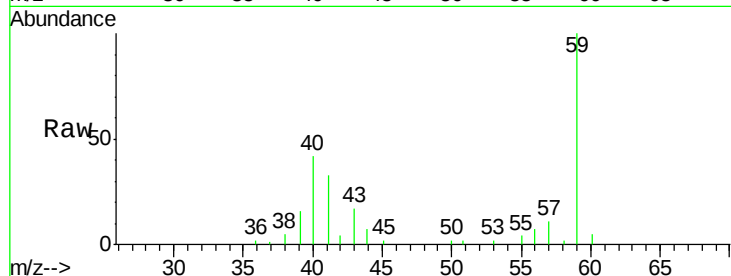




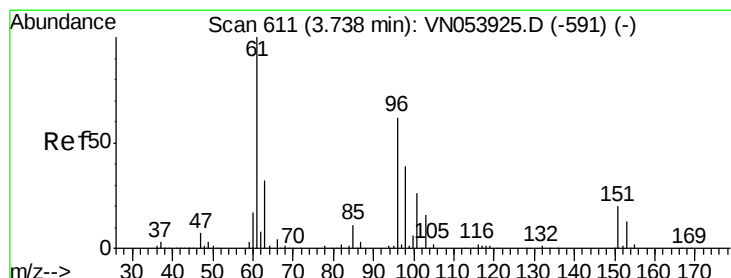
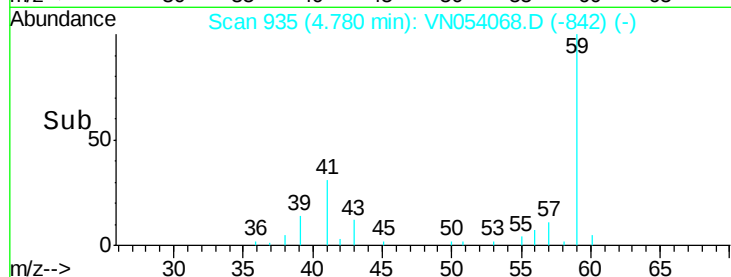
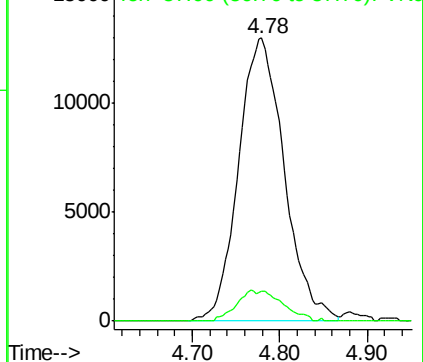
#11

Tert butyl alcohol
Concen: 106.296 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion: 59 Resp: 47122
Ion Ratio Lower Upper
59 100
57 4.8 8.1 12.1#



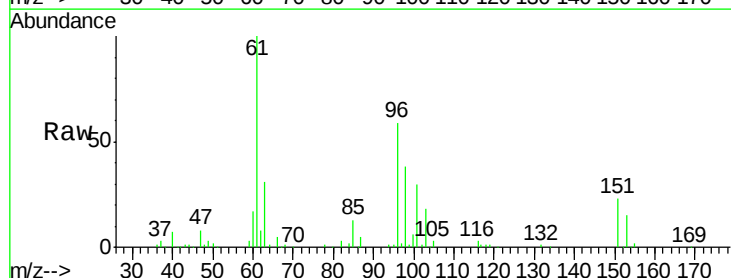
Abundance Ion 59.00 (58.70 to 59.70): VN054068.D (-842) (-)
Ion 57.00 (56.70 to 57.70): VN054068.D (-842) (-)



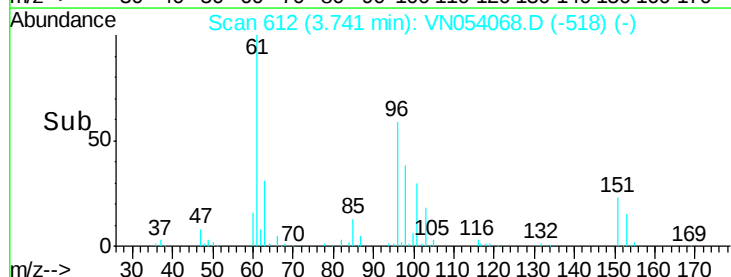
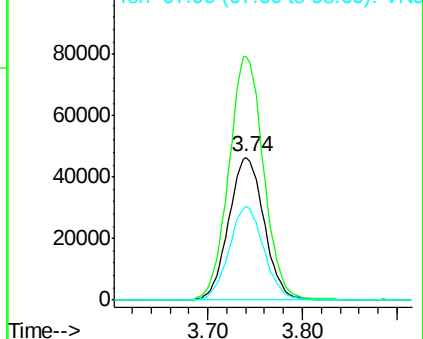
#12

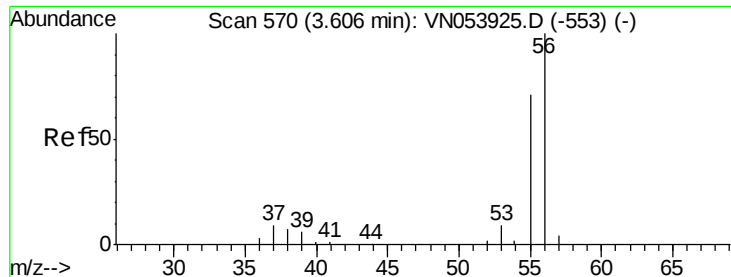
1,1-Dichloroethene
Concen: 20.479 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 96 Resp: 120597
Ion Ratio Lower Upper
96 100
61 170.1 121.0 181.4
98 65.2 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VN054068.D (-518) (-)
Ion 60.90 (60.60 to 61.60): VN054068.D (-518) (-)
Ion 97.90 (97.60 to 98.60): VN054068.D (-518) (-)





#13

Acrolein

Concen: 81.055 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054068.D

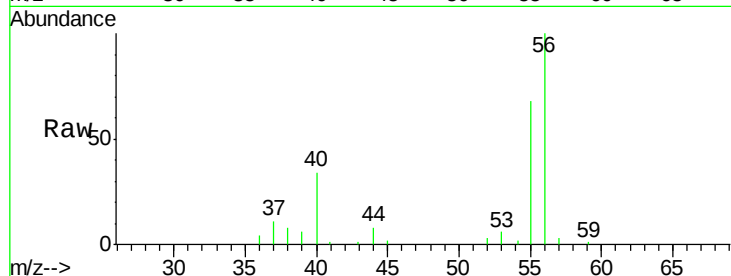
Acq: 4 Mar 2019 16:27

Tot Ion: 56 Resp: 37202

Ion Ratio Lower Upper

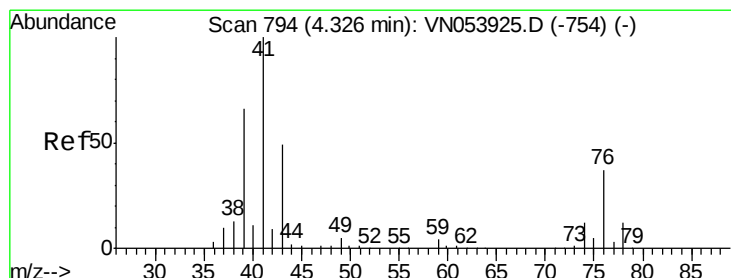
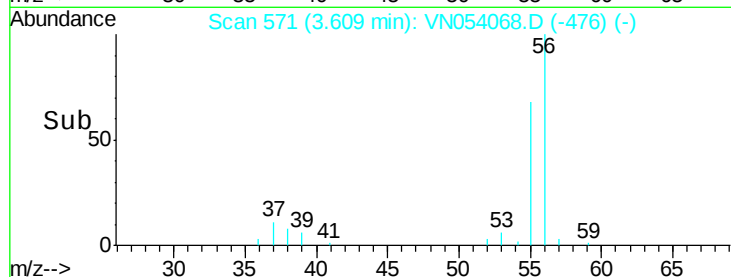
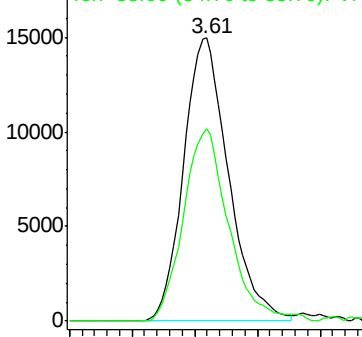
56 100

55 67.8 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.014 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

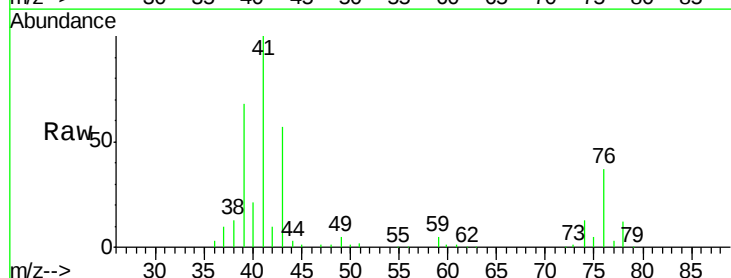
Tgt Ion: 41 Resp: 227375

Ion Ratio Lower Upper

41 100

39 62.9 48.8 73.2

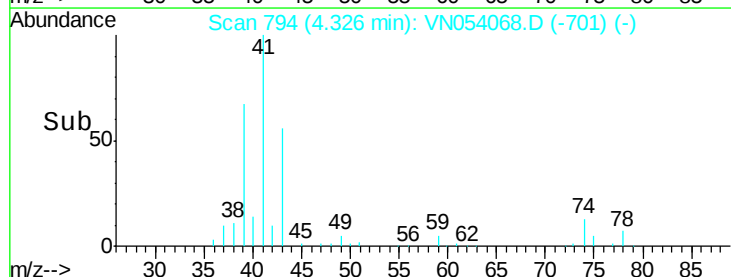
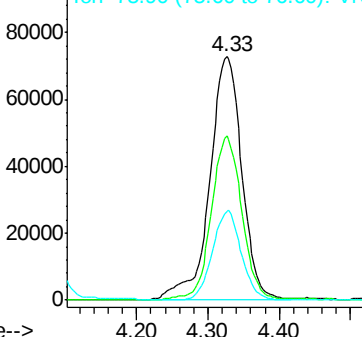
76 32.8 30.9 46.3

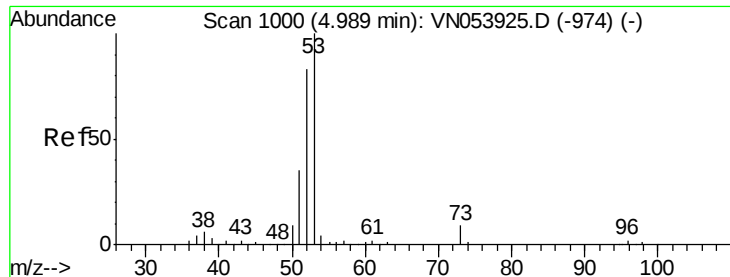


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 112.237 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

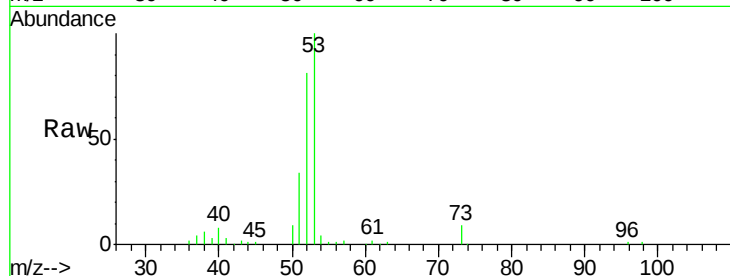
Tot Ion: 53 Resp: 262235

Ion Ratio Lower Upper

53 100

52 82.2 65.1 97.7

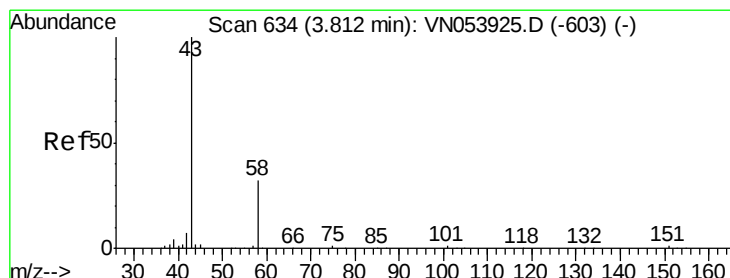
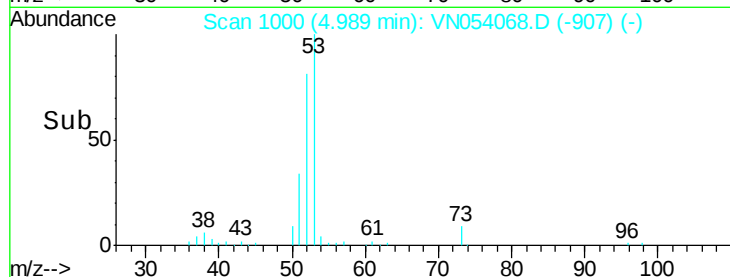
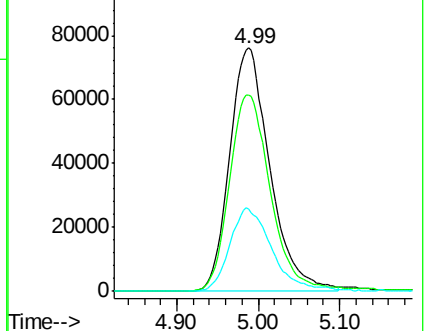
51 35.9 28.2 42.4



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: 107.027 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054068.D

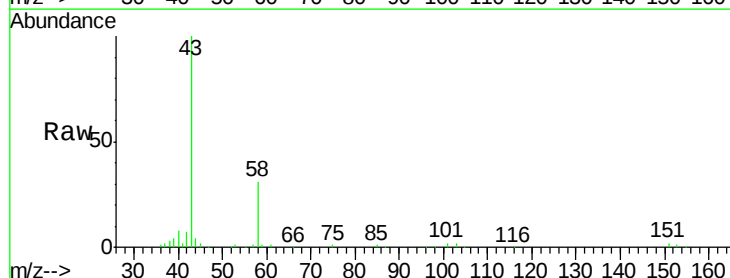
Acq: 4 Mar 2019 16:27

Tgt Ion: 43 Resp: 210989

Ion Ratio Lower Upper

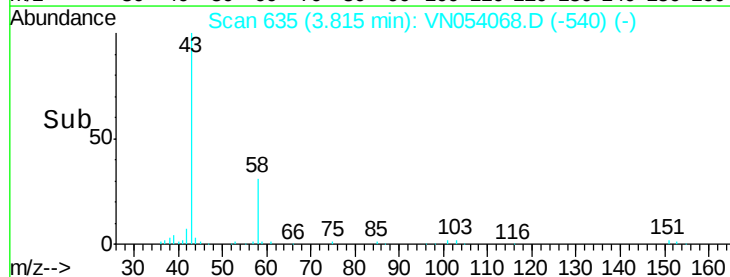
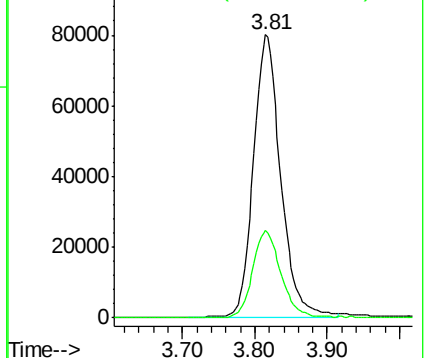
43 100

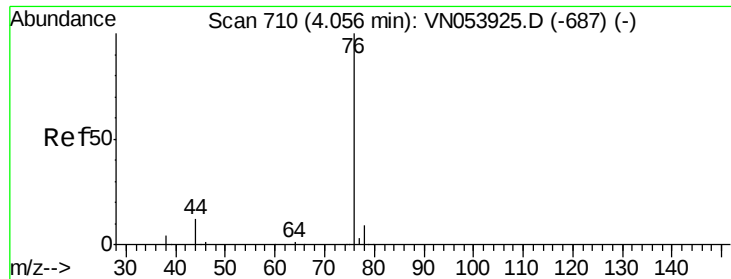
58 30.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

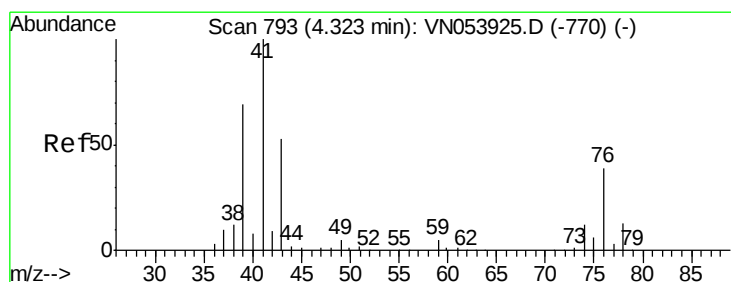
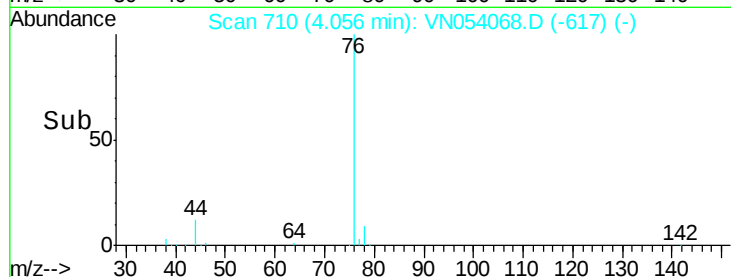
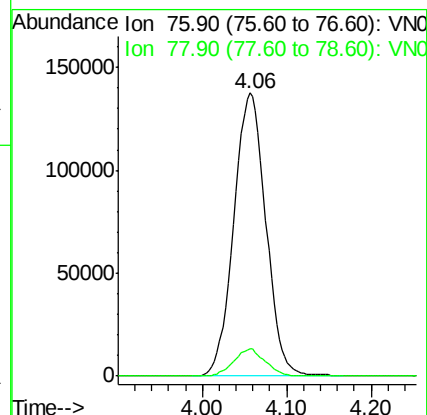
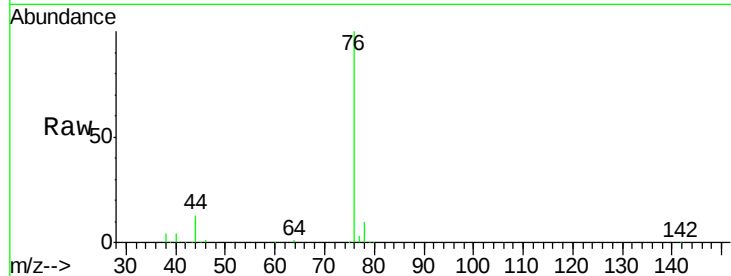
Ion 58.00 (57.70 to 58.70): VN0





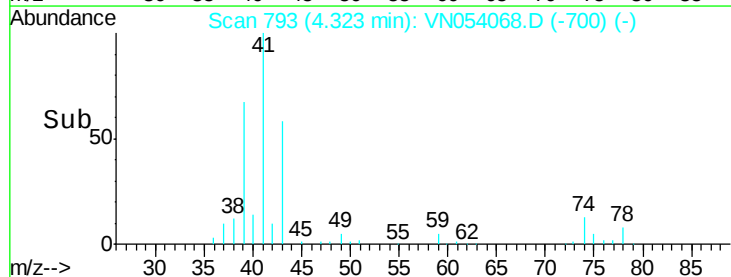
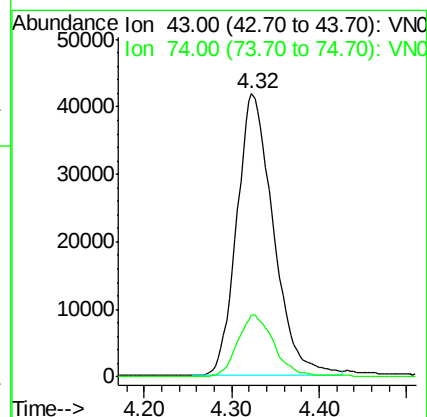
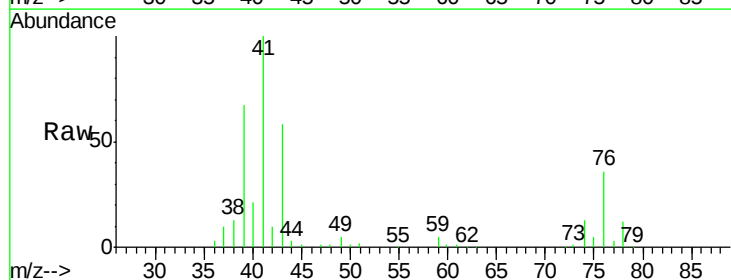
#17
Carbon Disulfide
Concen: 19.185 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

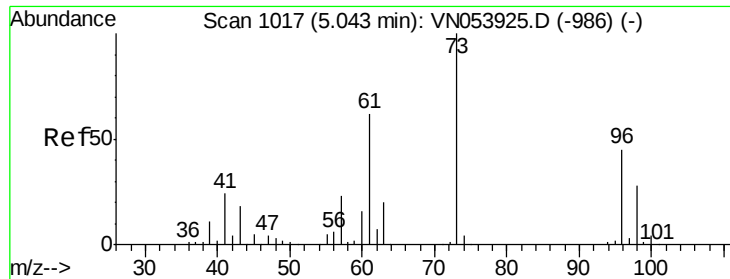
Tot Ion: 76 Resp: 364474
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 24.821 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 43 Resp: 121367
Ion Ratio Lower Upper
43 100
74 22.0 20.5 30.7

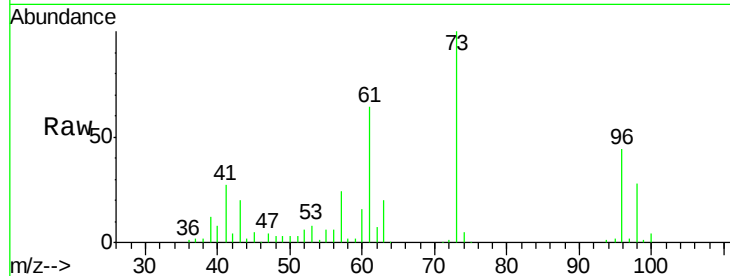




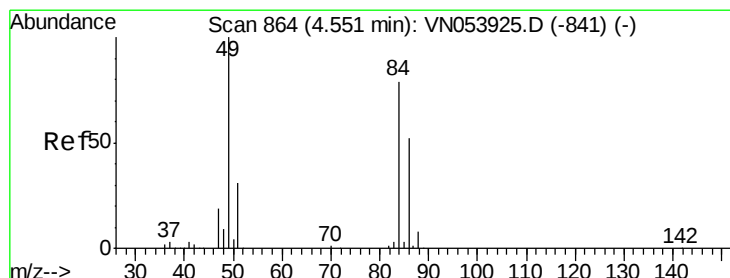
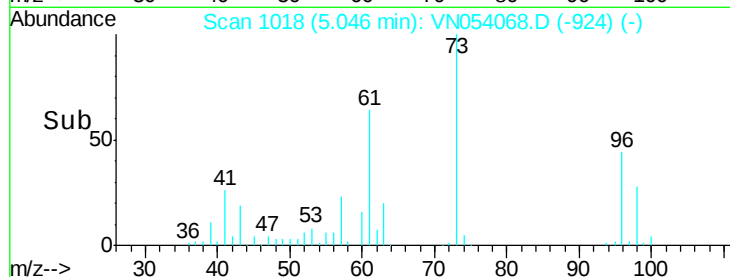
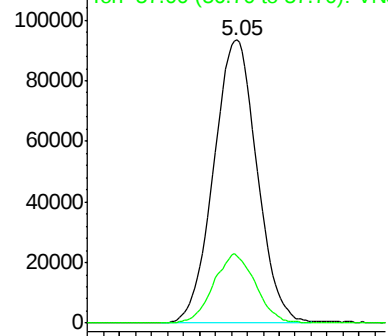
#19

Methvl tert-butvl Ether
 Concen: 21.859 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tot Ion: 73 Resp: 345319
 Ion Ratio Lower Upper
 73 100
 57 23.8 18.0 27.0



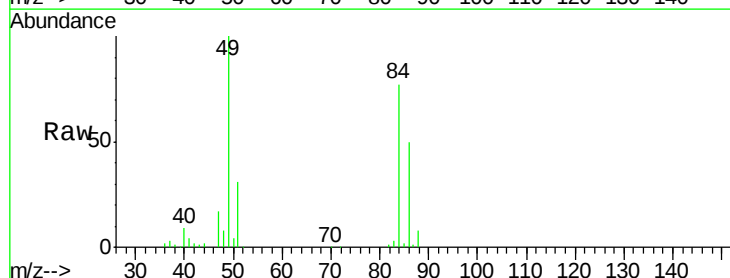
Abundance Ion 73.00 (72.70 to 73.70): VN053925.D (-986) (-)
 Ion 57.00 (56.70 to 57.70): VN053925.D (-986) (-)



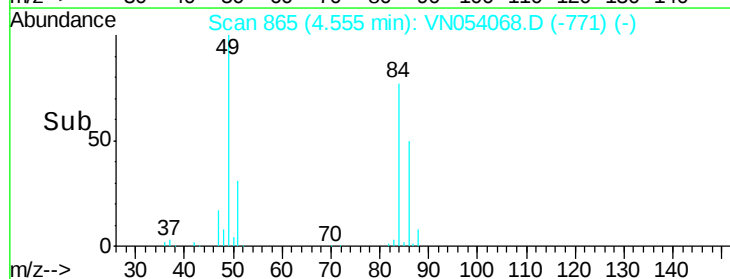
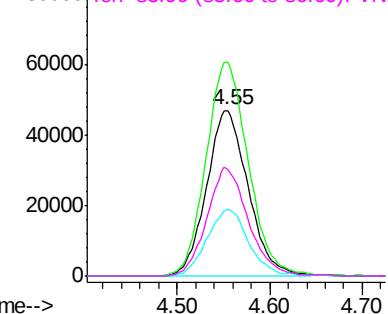
#20

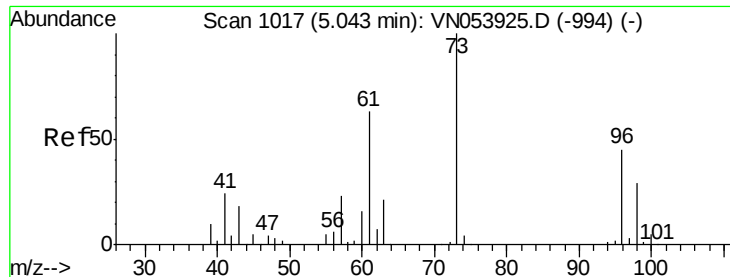
Methylene Chloride
 Concen: 21.025 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tgt Ion: 84 Resp: 145516
 Ion Ratio Lower Upper
 84 100
 49 129.1 89.7 134.5
 51 40.1 27.8 41.8
 86 64.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN053925.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN053925.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN053925.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN053925.D (-841) (-)

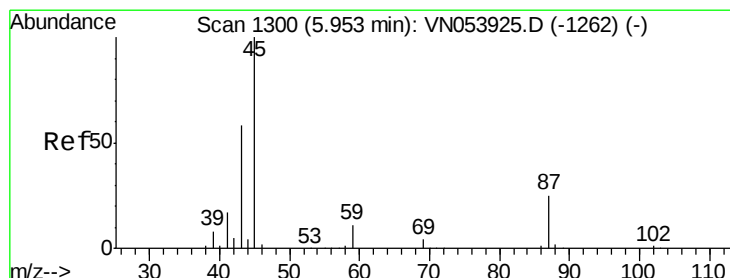
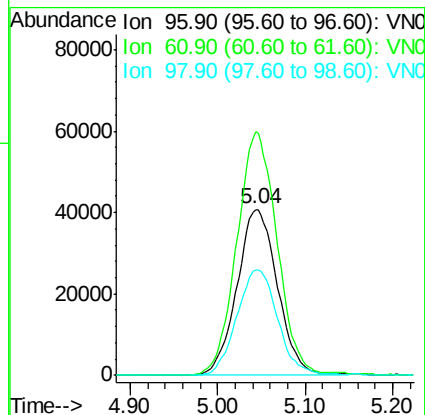
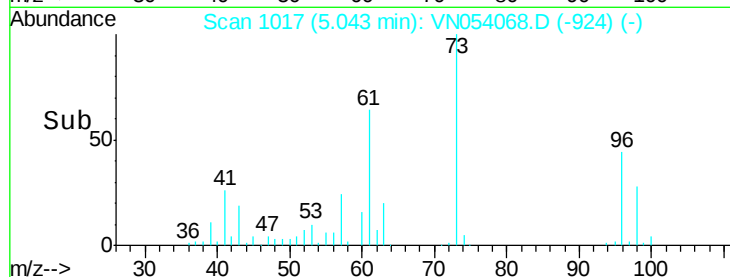
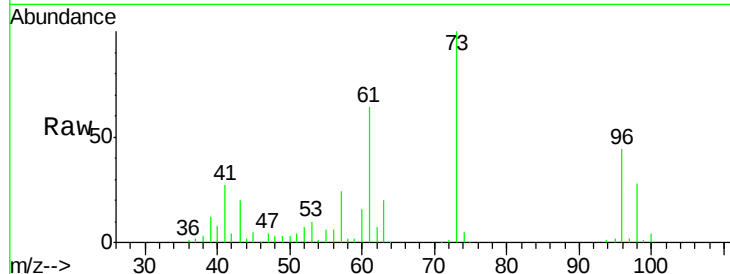




#21

trans-1,2-Dichloroethene
Concen: 20.535 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

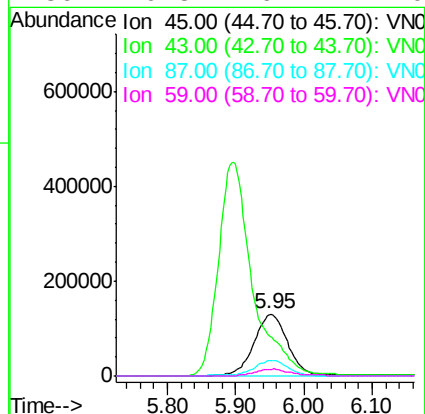
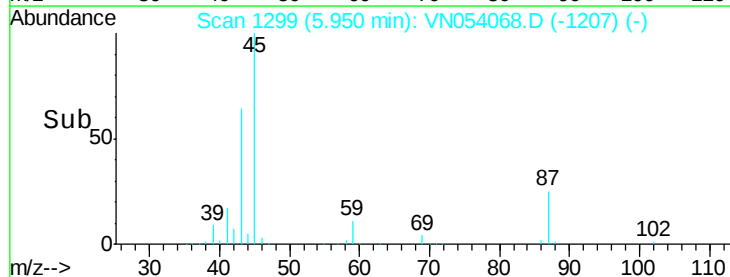
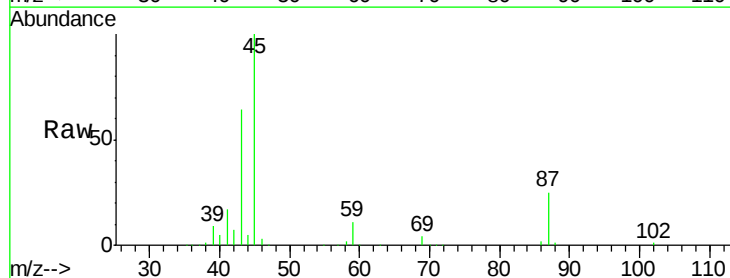
Tot Ion	96	Resp	130883
Ion	Ratio	Lower	Upper
96	100		
61	146.7	104.5	156.7
98	63.8	50.6	76.0

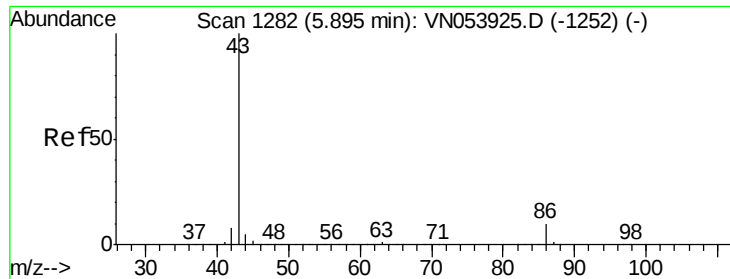


#22

Diisopropyl ether
Concen: 22.694 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

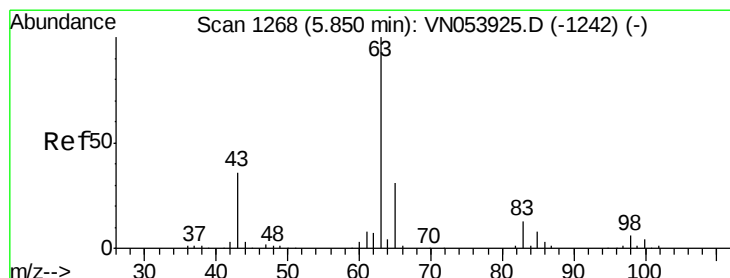
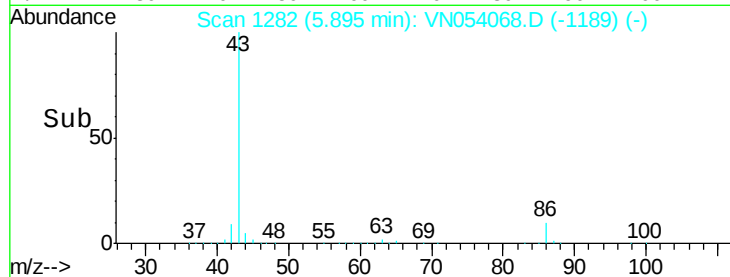
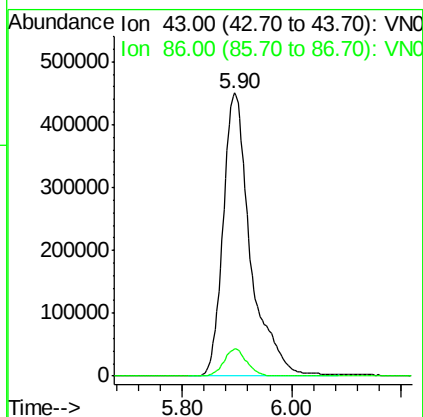
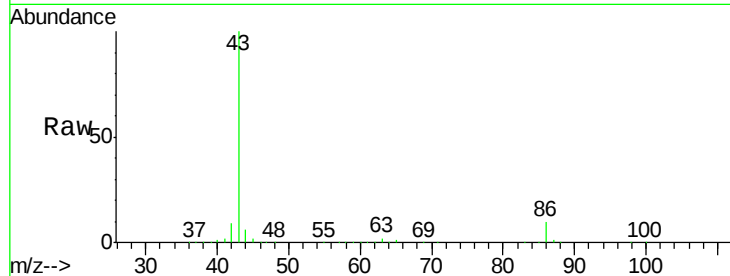
Tgt Ion	45	Resp	452201
Ion	Ratio	Lower	Upper
45	100		
43	62.6	46.2	69.4
87	24.5	23.4	35.0
59	10.8	9.4	14.0





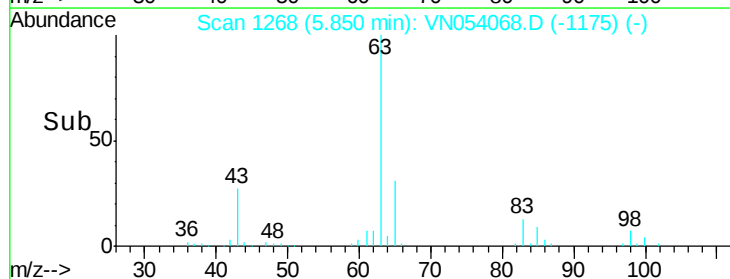
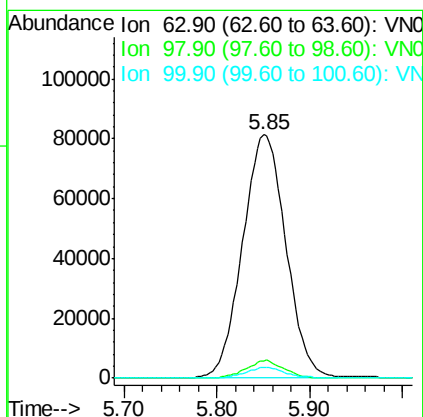
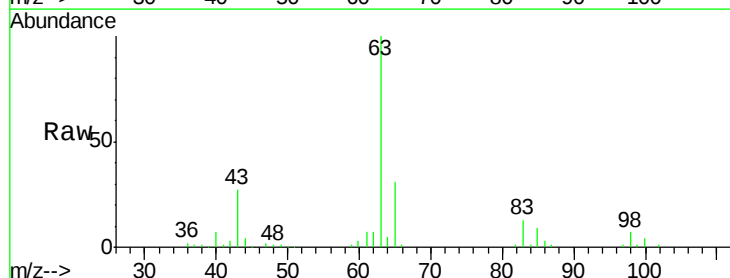
#23
 Vinyl Acetate
 Concen: 110.015 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

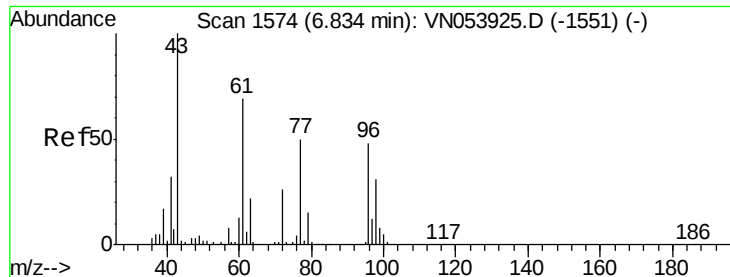
Tot Ion: 43 Resp: 1576987
 Ion Ratio Lower Upper
 43 100
 86 9.5 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 21.620 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

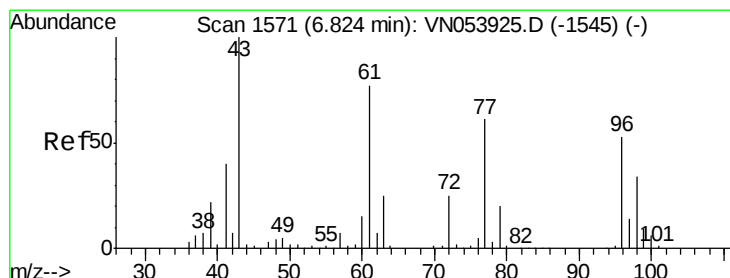
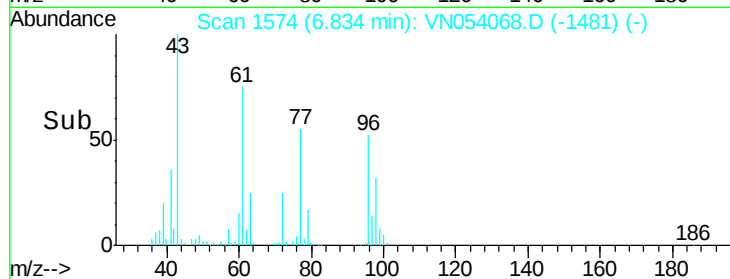
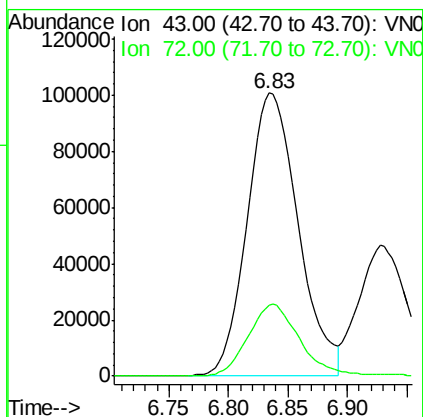
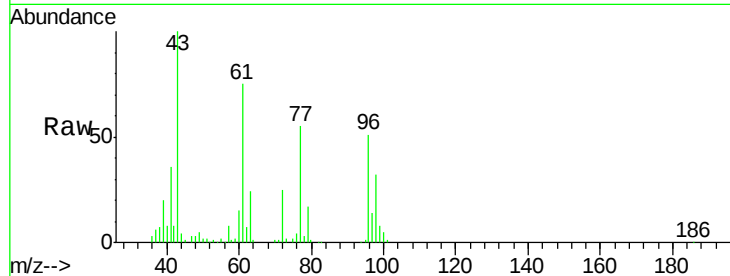
Tgt Ion: 63 Resp: 264183
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.4 2.2 6.6





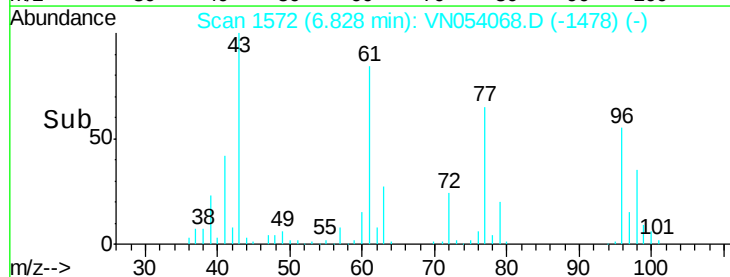
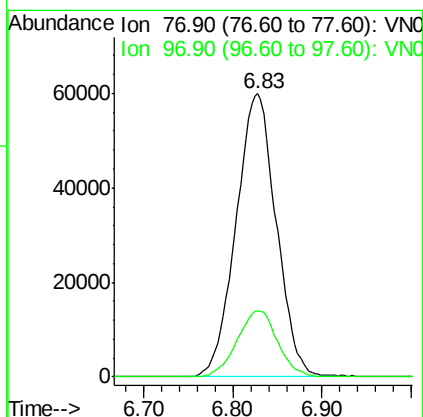
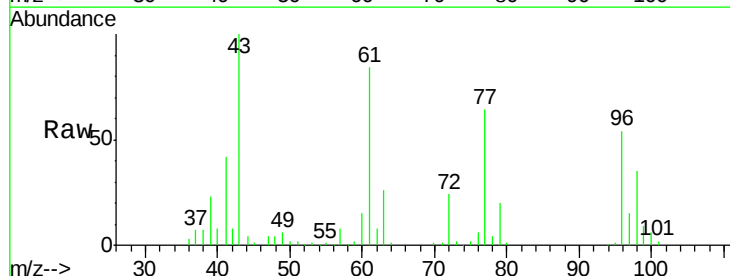
#25
 2-Butanone
 Concen: 108.557 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

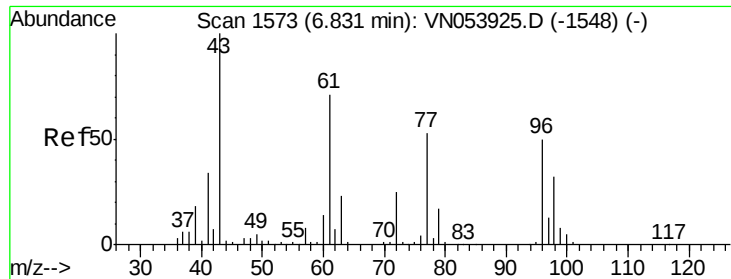
Tot Ion: 43 Resp: 298071
 Ion Ratio Lower Upper
 43 100
 72 24.9 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 21.612 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tgt Ion: 77 Resp: 187624
 Ion Ratio Lower Upper
 77 100
 97 23.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 21.170 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

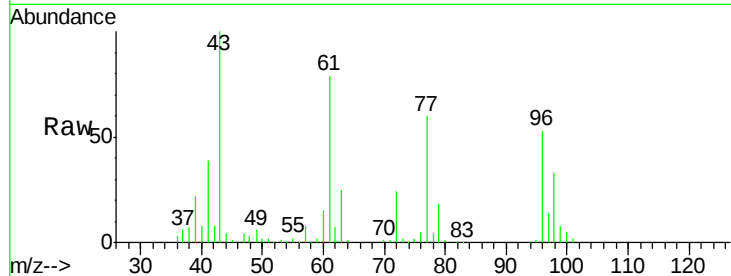
Tot Ion: 96 Resp: 150060

Ion Ratio Lower Upper

96 100

61 152.6 0.0 275.6

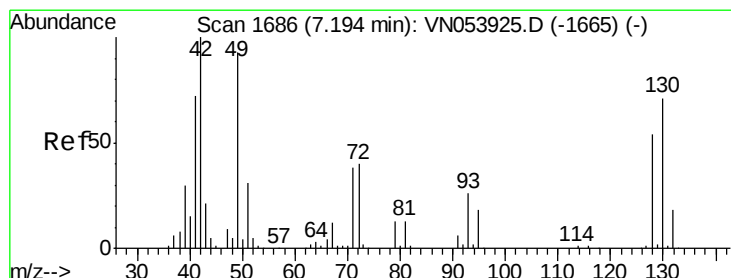
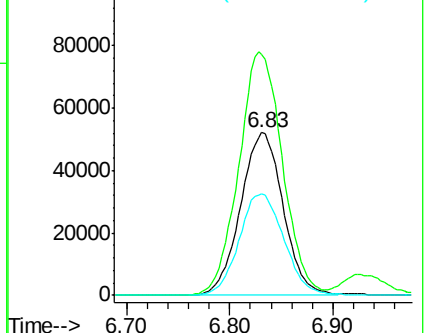
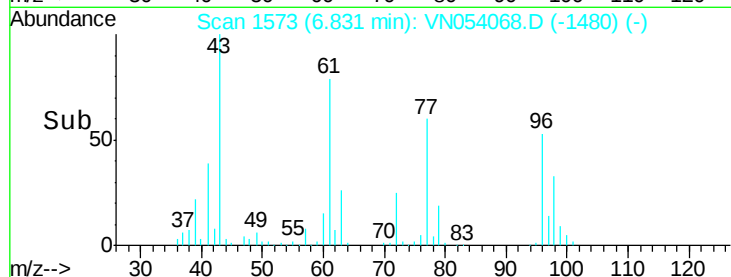
98 65.5 0.0 130.0



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



#28

Bromochloromethane

Concen: 22.583 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

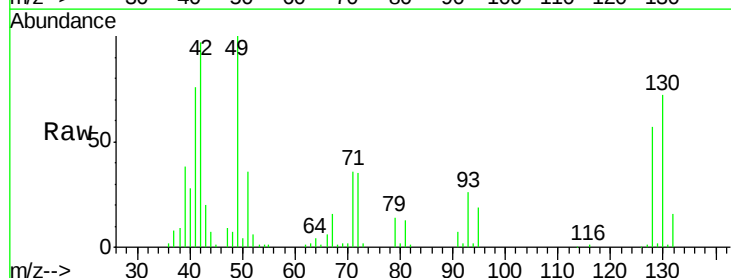
Tgt Ion: 49 Resp: 126309

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

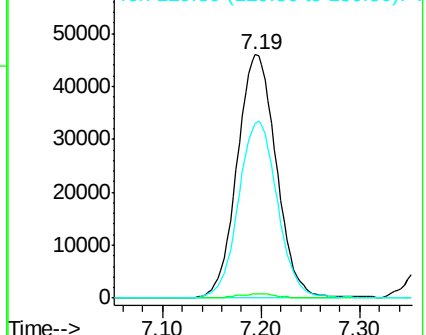
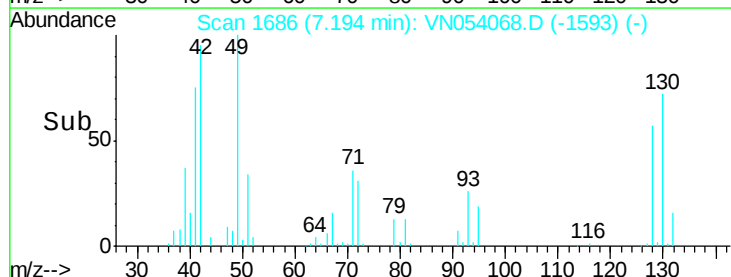
130 72.2 72.9 109.3#

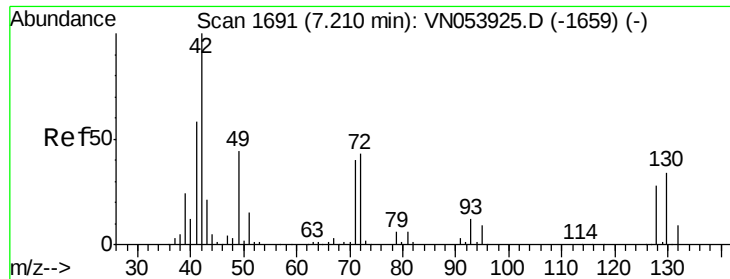


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 111.570 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

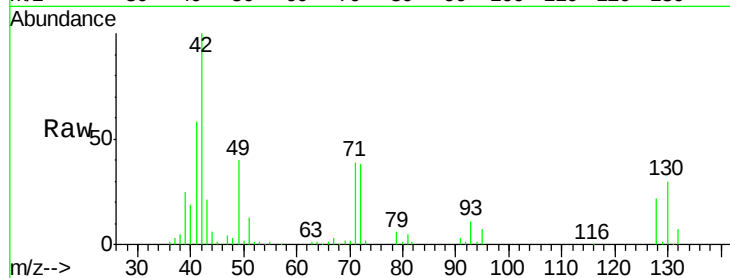
Tot Ion: 42 Resp: 204005

Ion Ratio Lower Upper

42 100

72 38.7 36.9 55.3

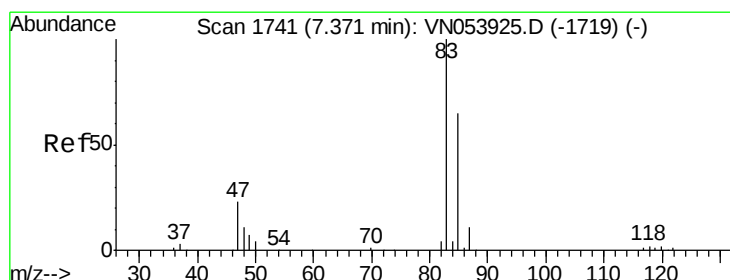
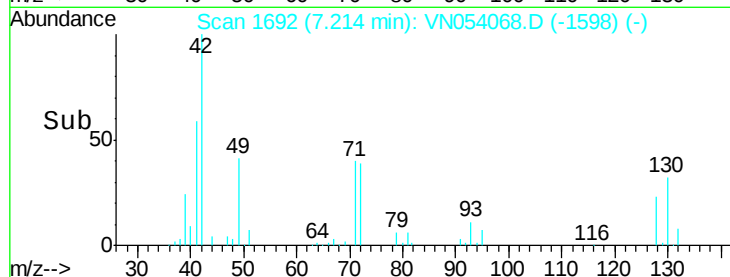
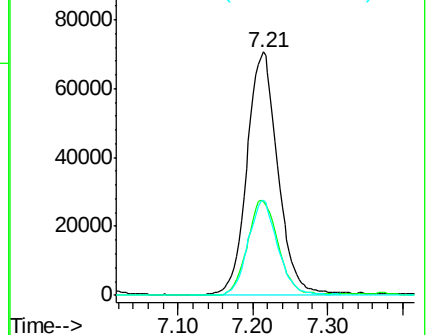
71 37.3 34.6 52.0



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



#30

Chloroform

Concen: 21.388 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054068.D

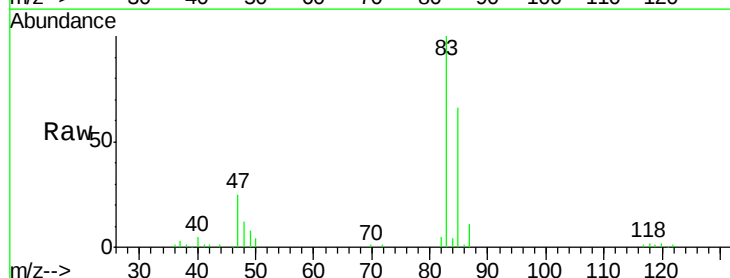
Acq: 4 Mar 2019 16:27

Tgt Ion: 83 Resp: 253415

Ion Ratio Lower Upper

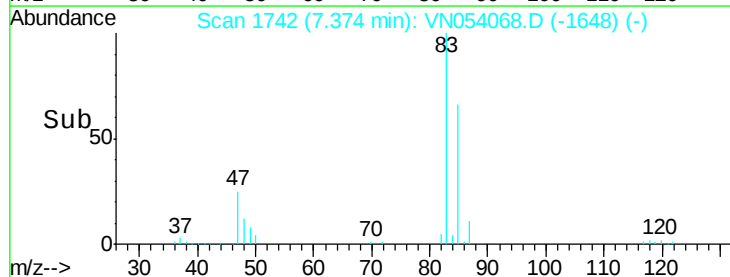
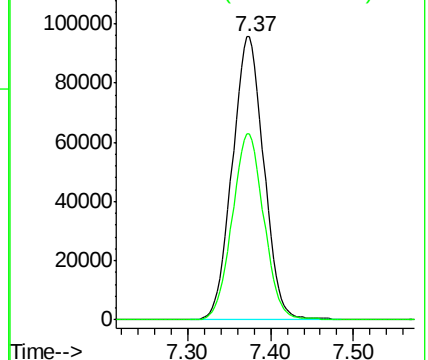
83 100

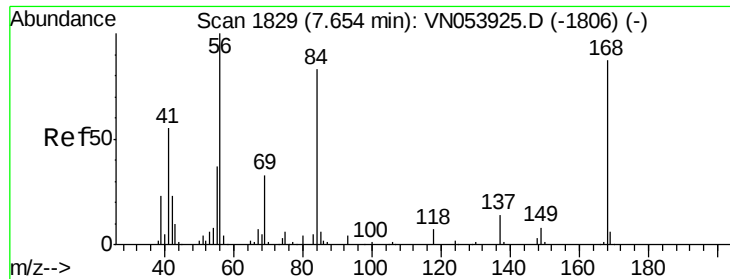
85 65.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

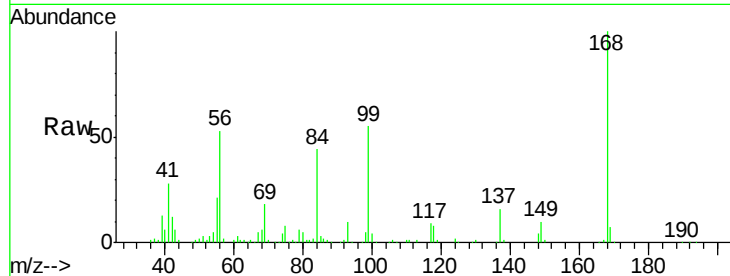
Ion 84.90 (84.60 to 85.60): VN0





#31
Cvclohexane
Concen: 21.267 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion	56	Resp	240450
Ion Ratio	100	Lower	Upper
56	100		
69	34.7	26.0	39.0
84	82.5	69.1	103.7

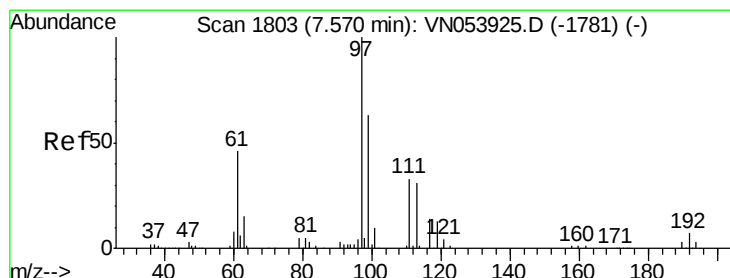
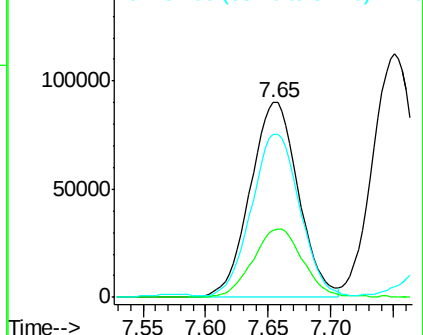
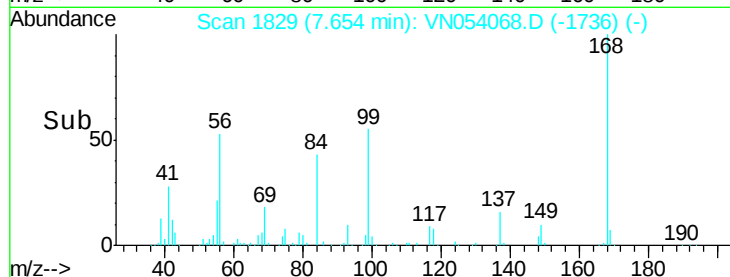


Abundance

Ion 56.00 (55.70 to 56.70): VNO

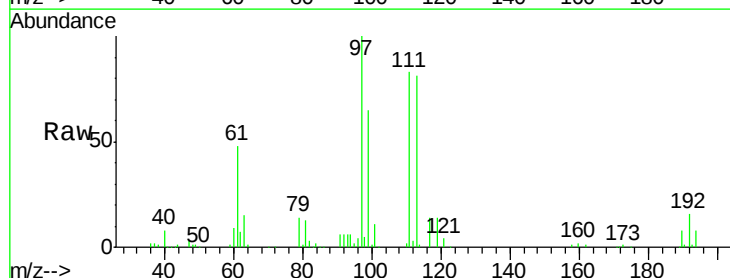
Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32
1,1,1-Trichloroethane
Concen: 21.339 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion	97	Resp	208467
Ion Ratio	100	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	47.6	33.2	49.8

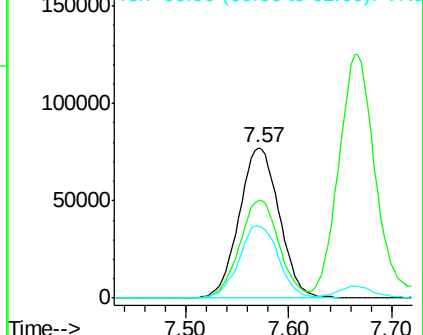
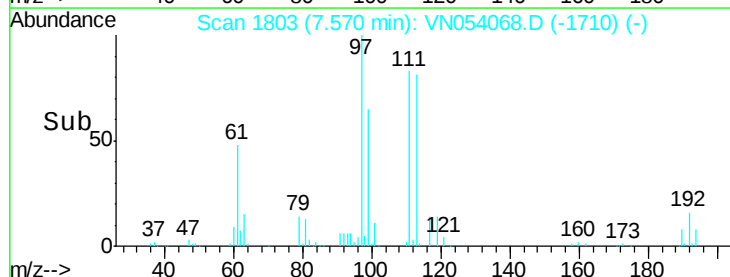


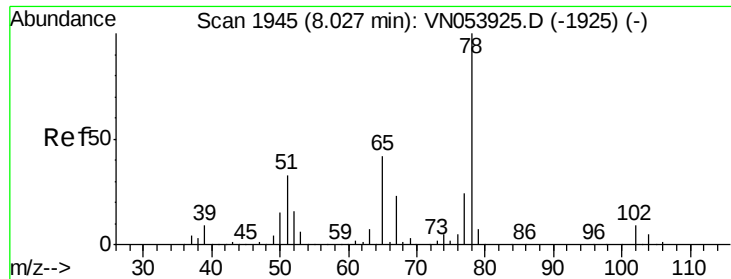
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 55.131 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054068.D

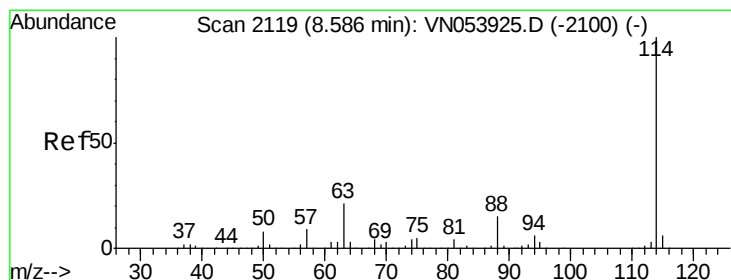
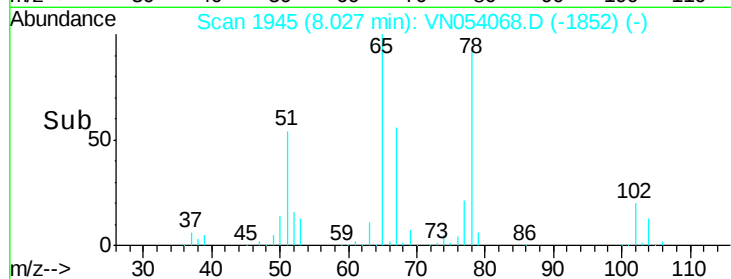
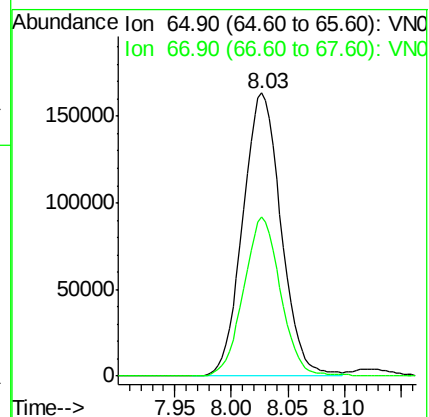
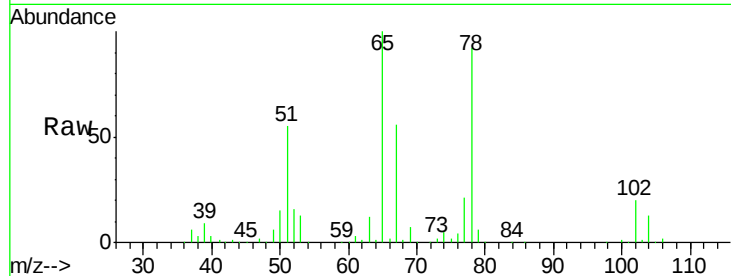
Acq: 4 Mar 2019 16:27

Tot Ion: 65 Resp: 385528

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

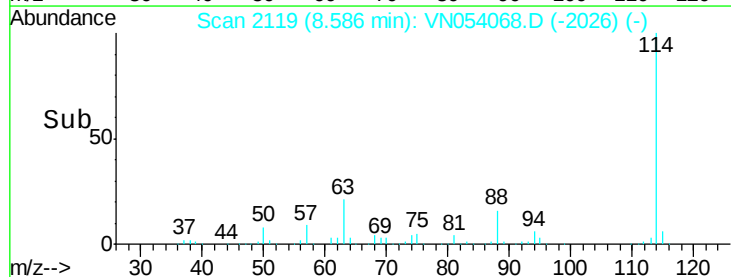
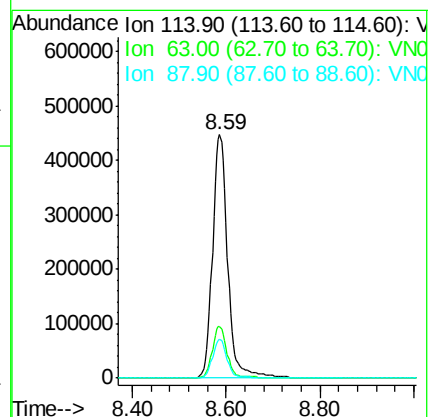
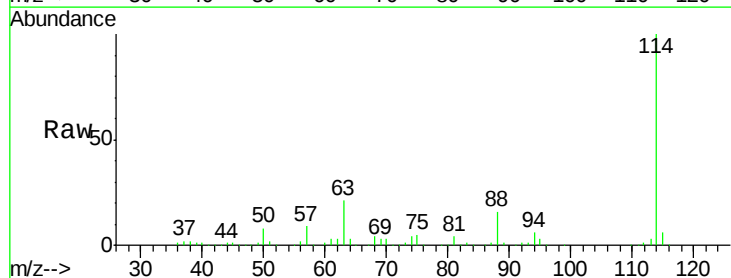
Tgt Ion: 114 Resp: 1004136

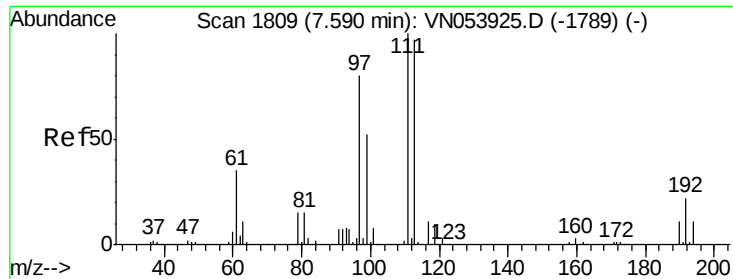
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

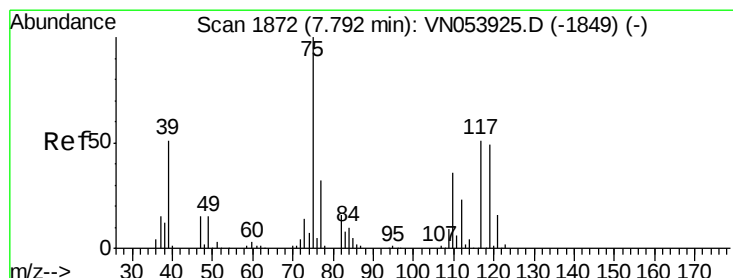
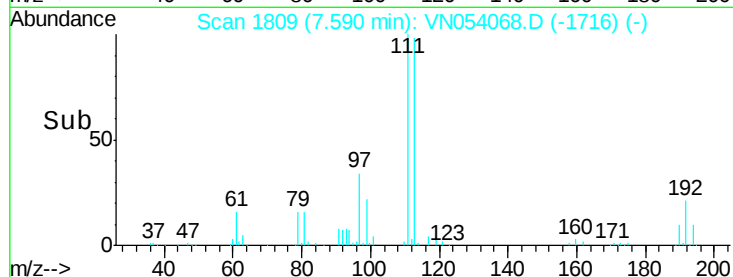
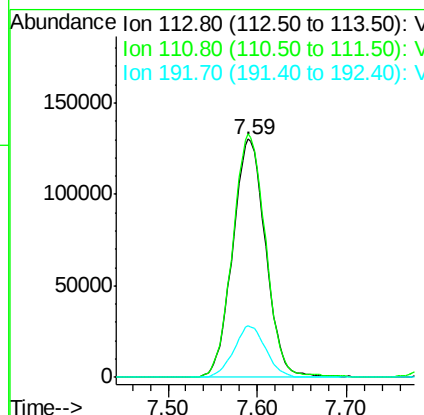
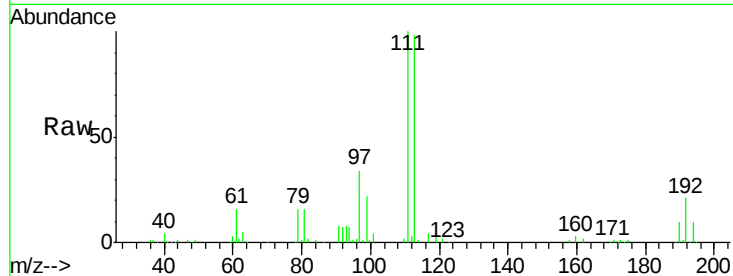
88 15.8 0.0 30.4





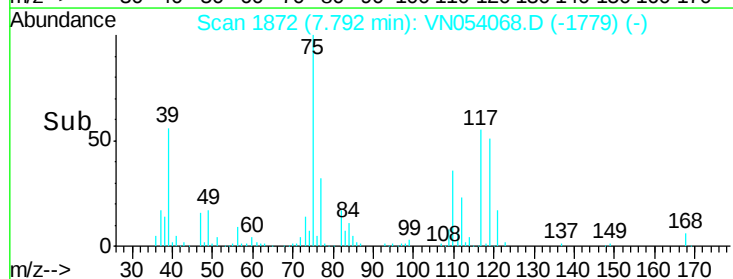
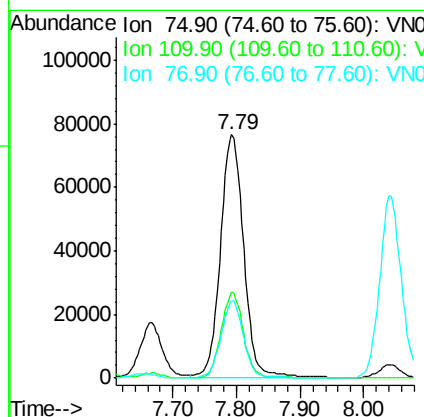
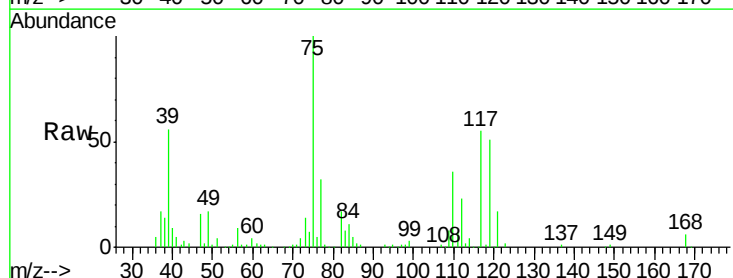
#35
 Dibromofluoromethane
 Concen: 51.188 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

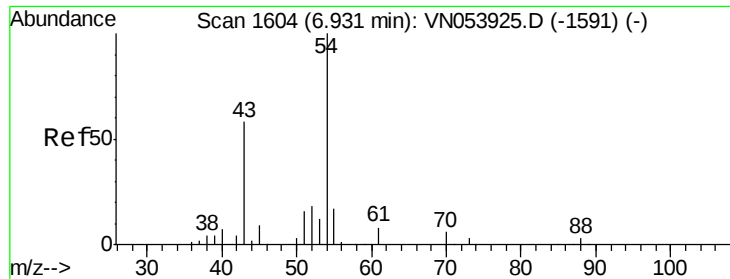
Tot Ion:113 Resp: 332378
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 20.9 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 20.983 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

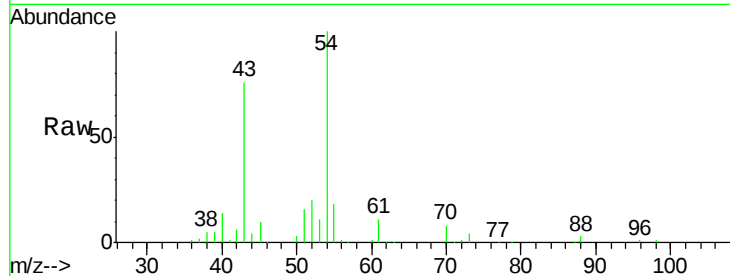
Tgt Ion: 75 Resp: 195945
 Ion Ratio Lower Upper
 75 100
 110 33.4 19.0 57.0
 77 30.5 25.4 38.0



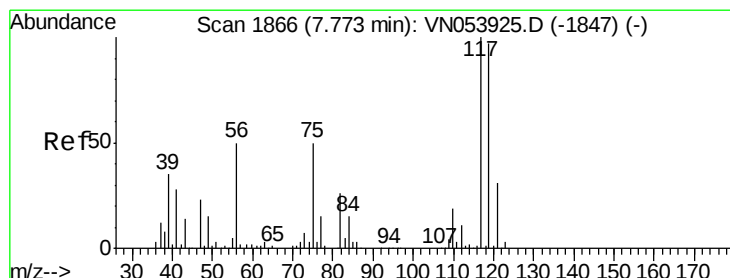
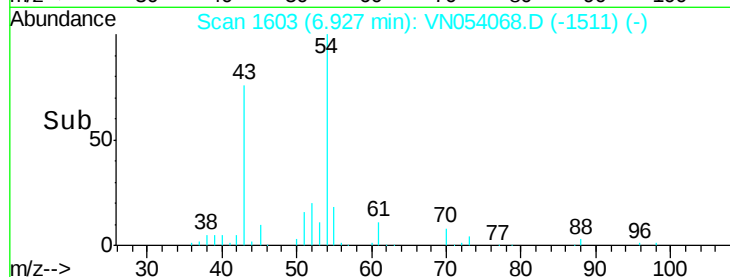
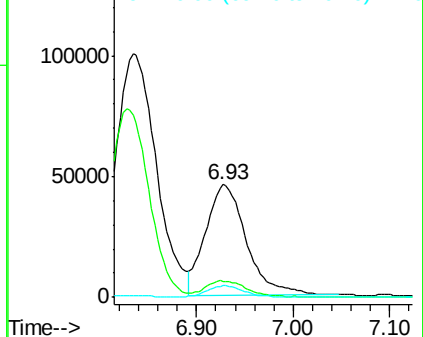


#37
Ethyl Acetate
Concen: 20.384 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion: 43 Resp: 135915
Ion Ratio Lower Upper
43 100
61 14.3 12.0 18.0
70 8.7 8.7 13.1#

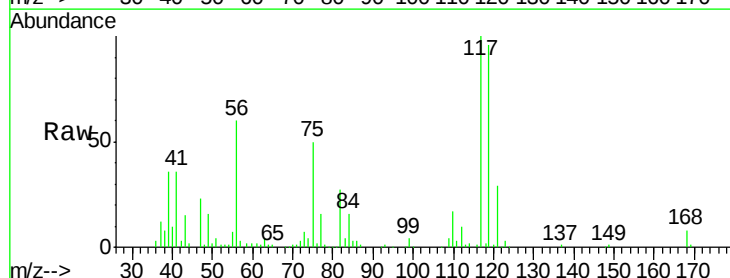


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

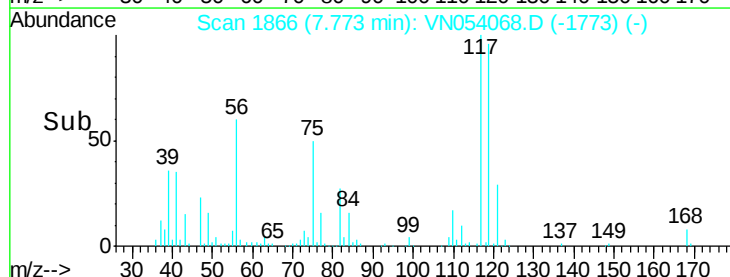
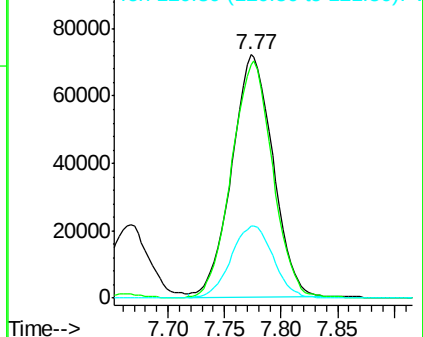


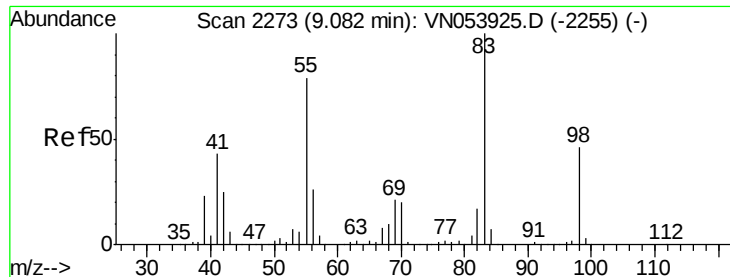
#38
Carbon Tetrachloride
Concen: 18.732 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 117 Resp: 181920
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 29.6 24.6 36.8



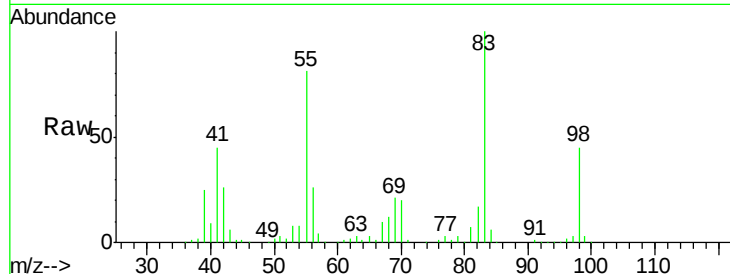
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



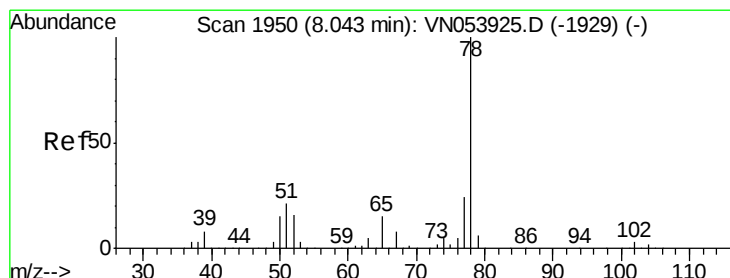
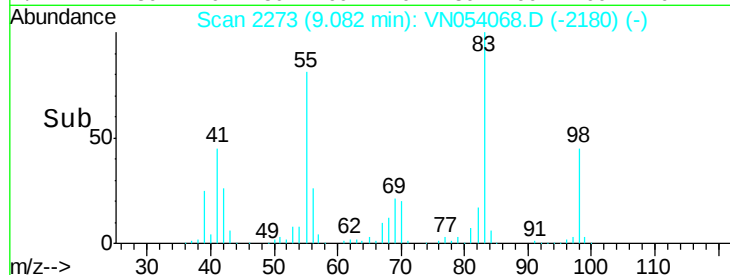
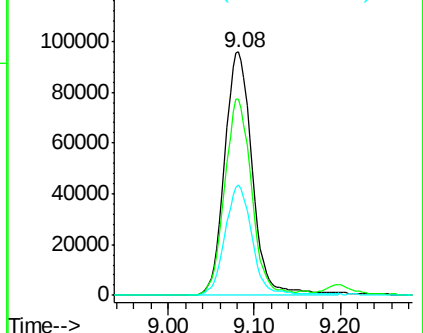


#39
Methvlcvclohexane
Concen: 19.111 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion: 83 Resp: 215104
Ion Ratio Lower Upper
83 100
55 80.8 58.2 87.4
98 45.2 37.2 55.8

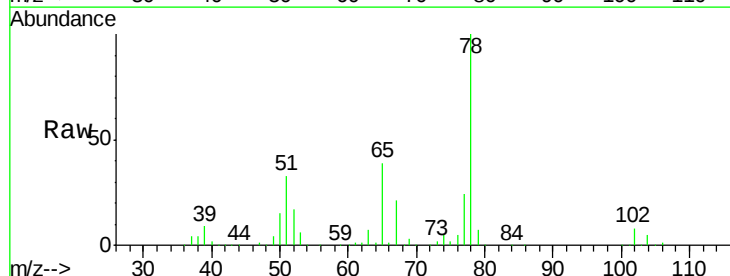


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

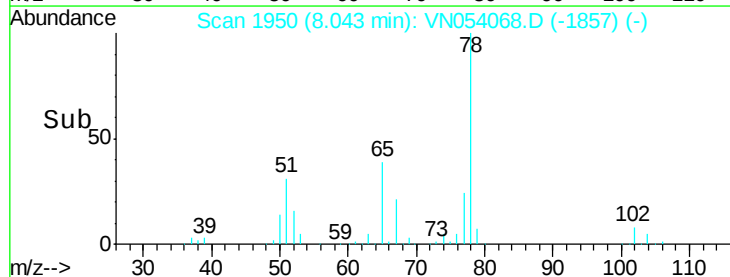
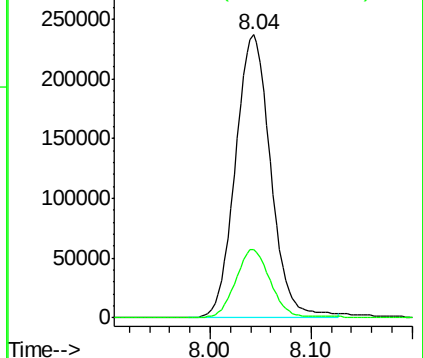


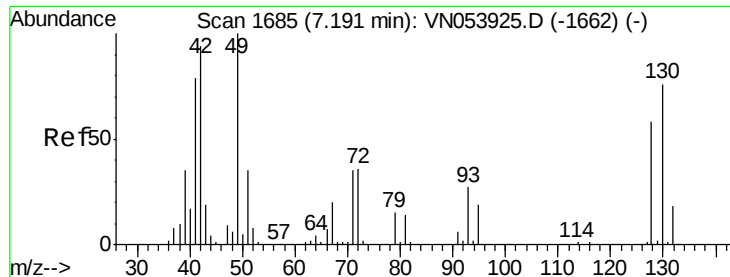
#40
Benzene
Concen: 20.113 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 78 Resp: 576991
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 15.565 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.02 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion: 41 Resp: 66826

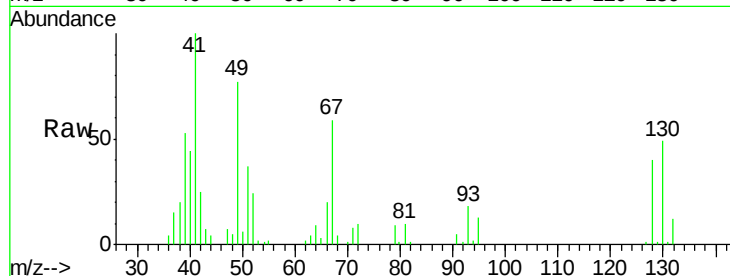
Ion Ratio Lower Upper

41 100

39 62.8 0.0 0.0#

67 83.7 0.0 0.0#

52 34.9 0.0 0.0#

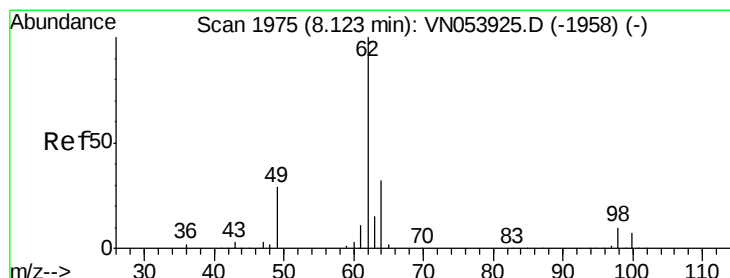
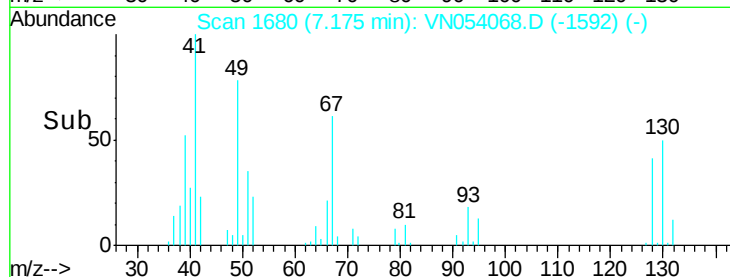
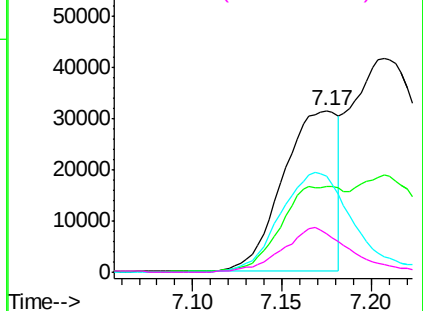


Abundance Ion 41.00 (40.70 to 41.70): VN053925.D (-1662) (-)

Ion 39.00 (38.70 to 39.70): VN053925.D (-1662) (-)

Ion 67.00 (66.70 to 67.70): VN053925.D (-1662) (-)

Ion 52.00 (51.70 to 52.70): VN053925.D (-1662) (-)



#42

1,2-Dichloroethane

Concen: 21.234 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN054068.D

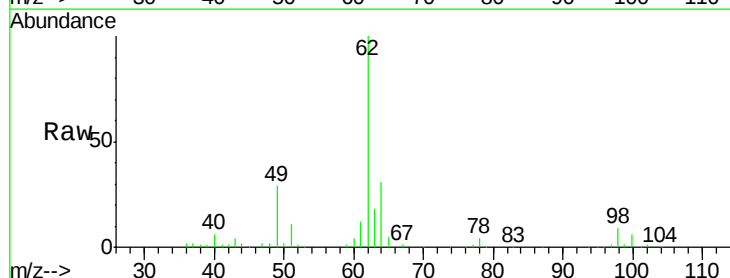
Acq: 4 Mar 2019 16:27

Tgt Ion: 62 Resp: 188585

Ion Ratio Lower Upper

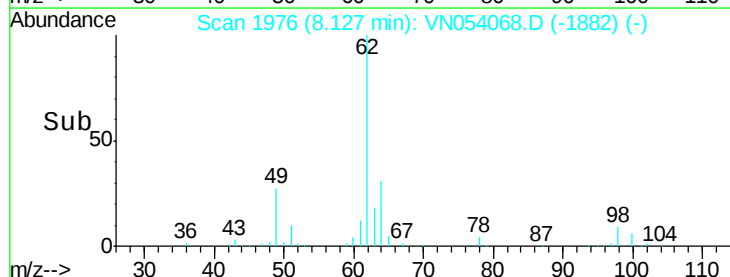
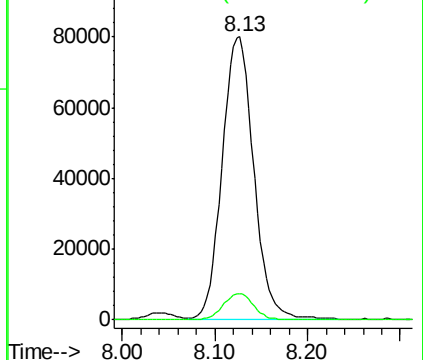
62 100

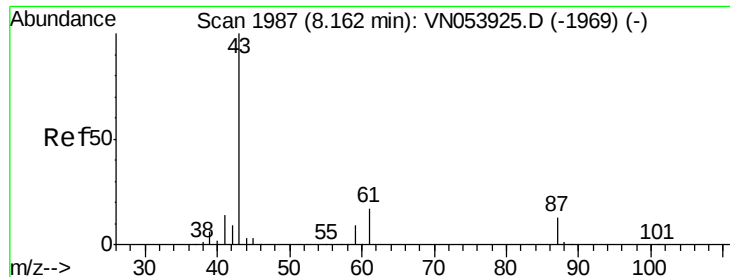
98 9.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN053925.D (-1958) (-)

Ion 97.90 (97.60 to 98.60): VN053925.D (-1958) (-)





#43

Isopropyl Acetate

Concen: 20.365 ug/l

RT: 8.17 min Scan# 1988

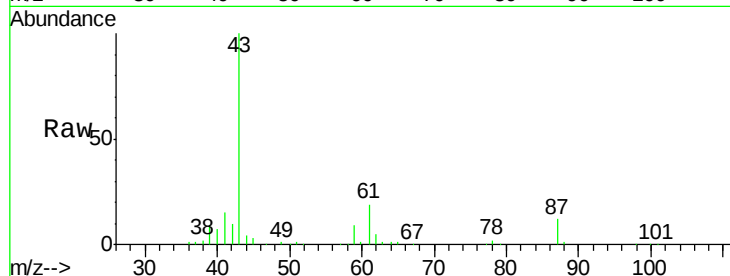
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion: 43 Resp: 229268

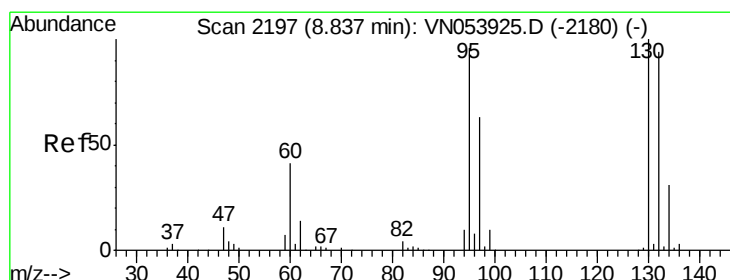
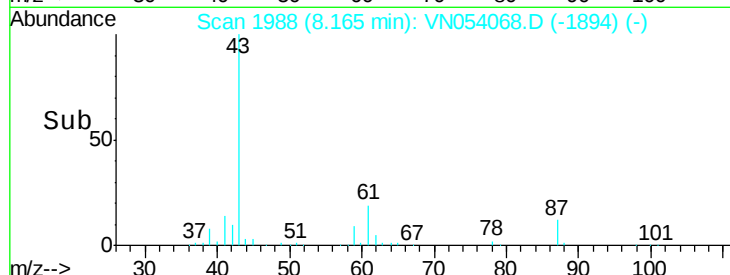
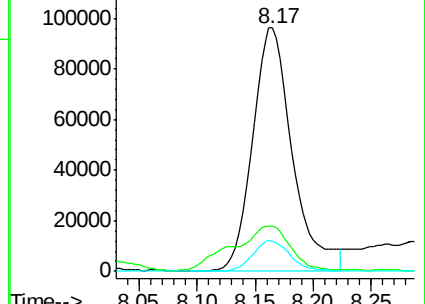
Ion	Ratio	Lower	Upper
43	100		
61	26.5	17.4	26.0#
87	11.9	11.5	17.3



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

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)



#44

Trichloroethene

Concen: 19.674 ug/l

RT: 8.84 min Scan# 2197

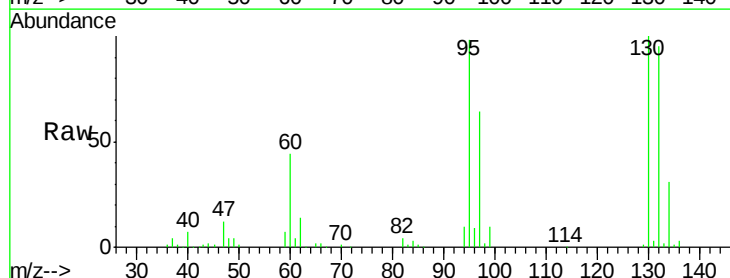
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

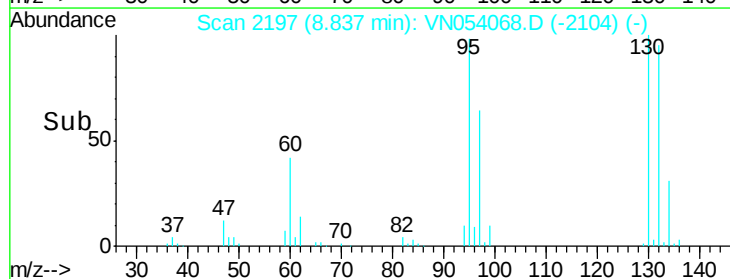
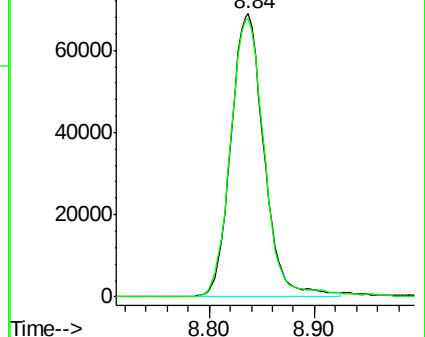
Tgt Ion: 130 Resp: 149625

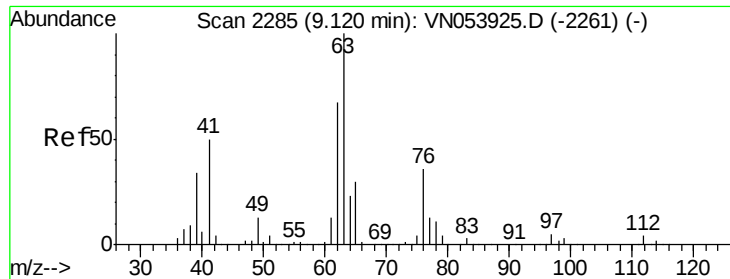
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	190.0



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

Ion 94.90 (94.60 to 95.60): VN053925.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.178 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054068.D

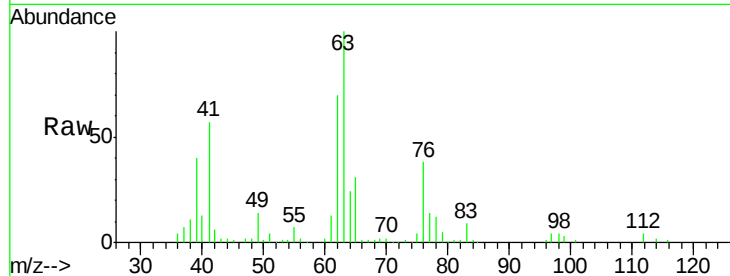
Acq: 4 Mar 2019 16:27

Tot Ion: 63 Resp: 156173

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

80000

60000

40000

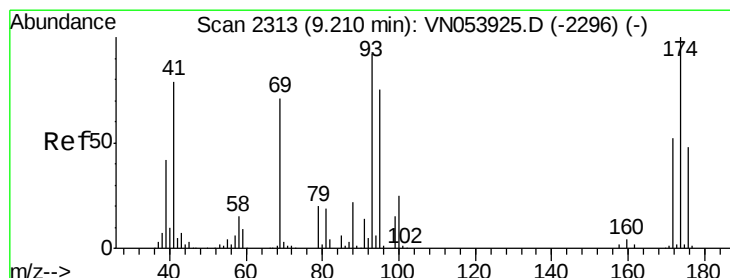
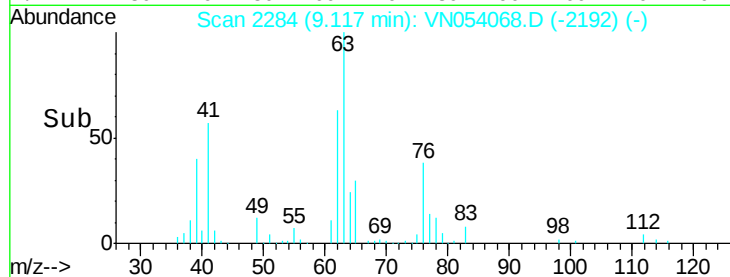
20000

0

9.12

9.10 9.15 9.20

Time-->



#46

Dibromomethane

Concen: 20.120 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

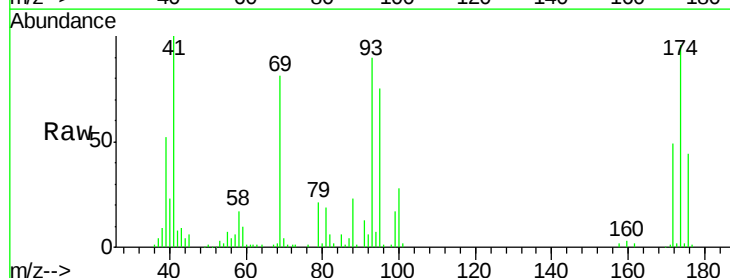
Tgt Ion: 93 Resp: 90406

Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 107.0 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

60000

50000

40000

30000

20000

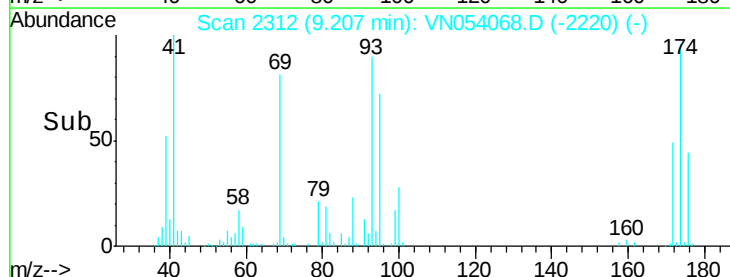
10000

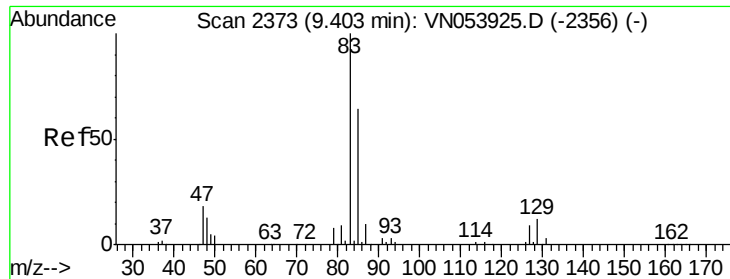
0

9.21

9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 20.091 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

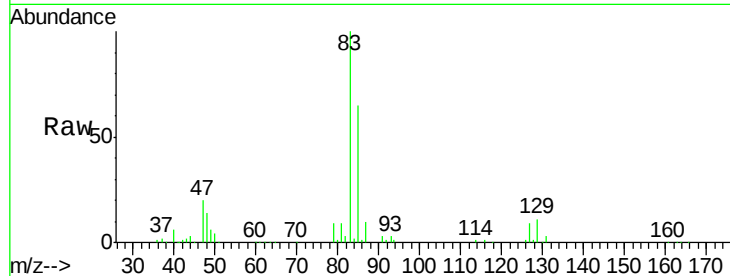
Tot Ion: 83 Resp: 190248

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

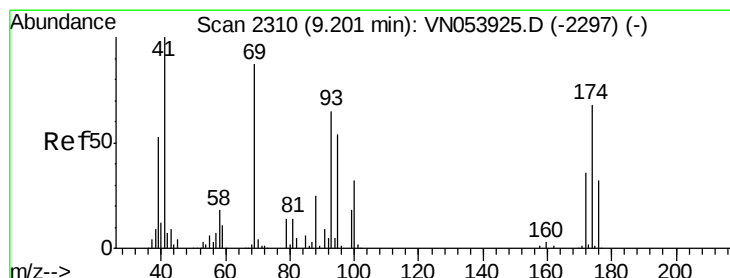
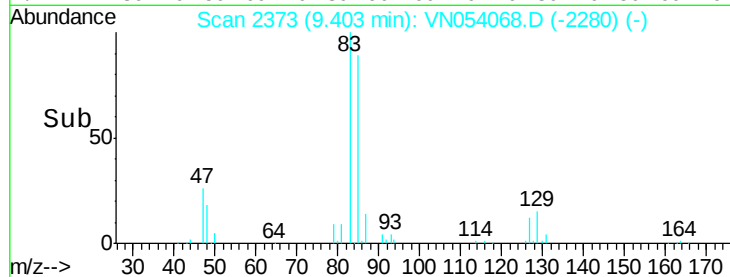
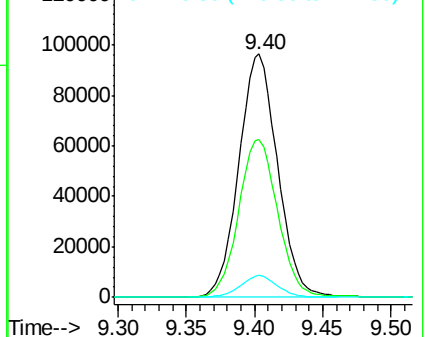
127 8.9 7.4 11.0



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: 20.487 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

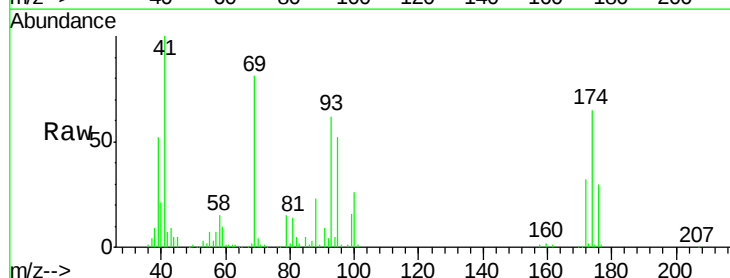
Tgt Ion: 41 Resp: 106089

Ion Ratio Lower Upper

41 100

69 87.8 74.8 112.2

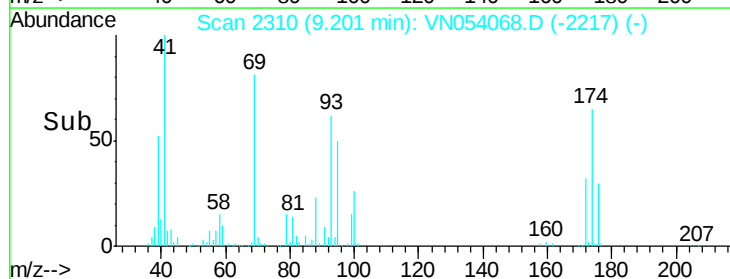
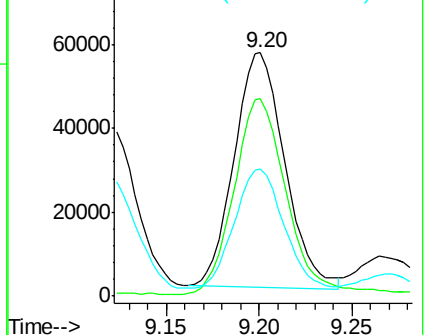
39 57.1 39.0 58.6

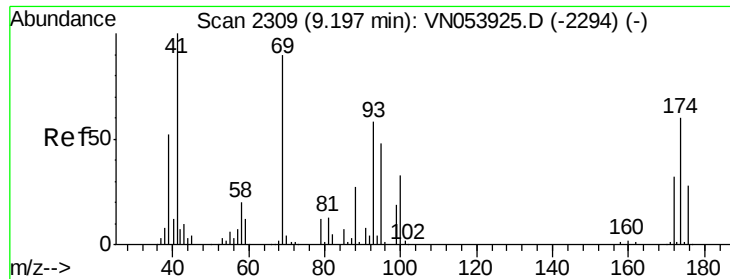


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 401.214 ug/l

RT: 9.20 min Scan# 2309

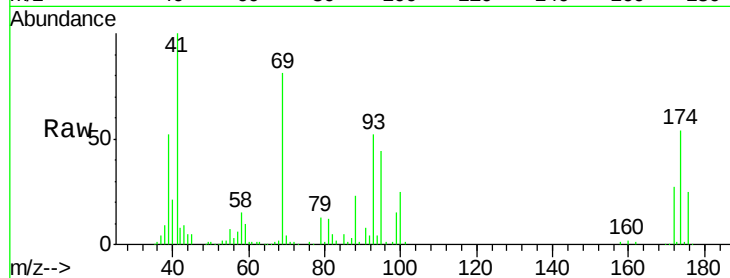
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion: 88 Resp: 28140

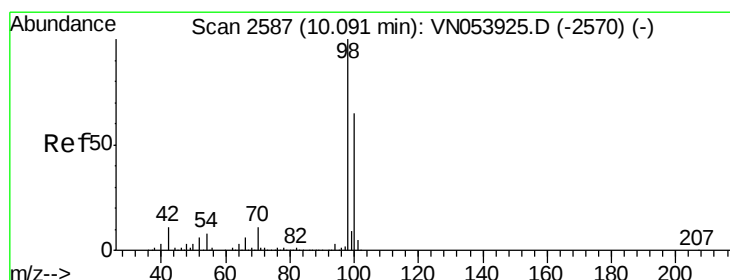
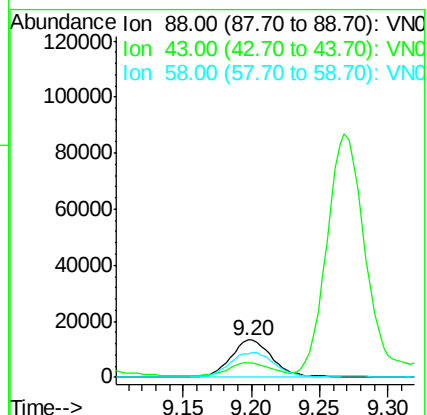
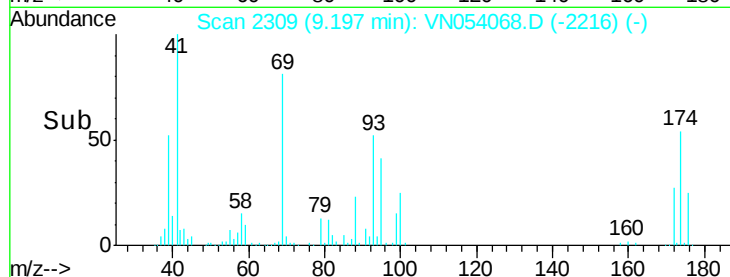
Ion	Ratio	Lower	Upper
88	100		
43	33.9	21.2	31.8#
58	71.9	54.2	81.2



Abundance Ion 88.00 (87.70 to 88.70): VN054068.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN054068.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN054068.D (-2216) (-)



#50

Toluene-d8

Concen: 50.484 ug/l

RT: 10.09 min Scan# 2587

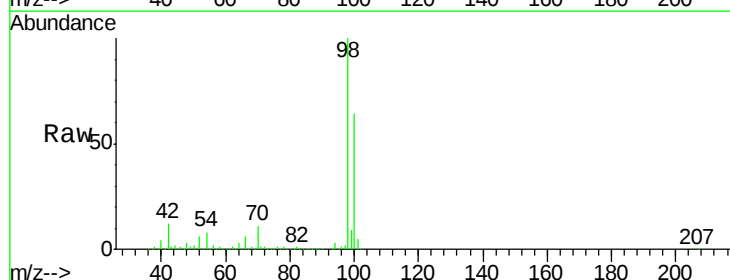
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

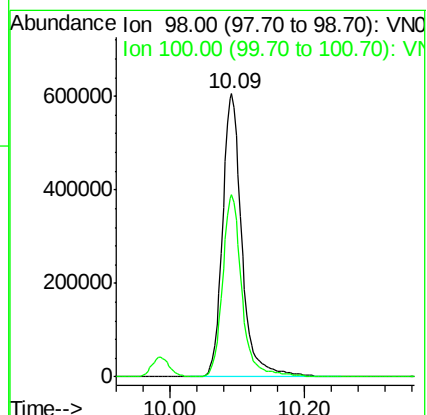
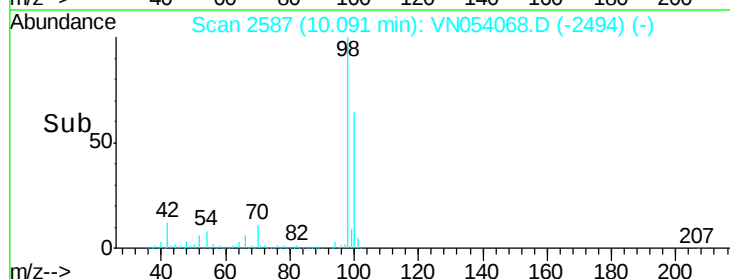
Tgt Ion: 98 Resp: 1220282

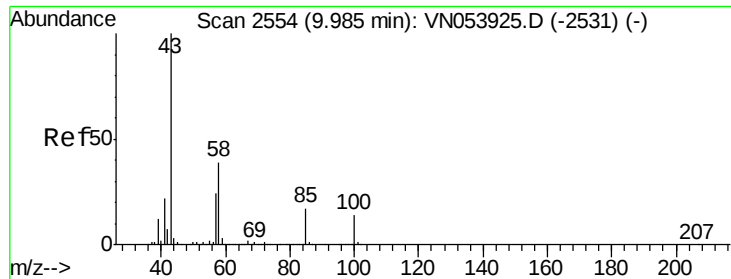
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN054068.D (-2494) (-)

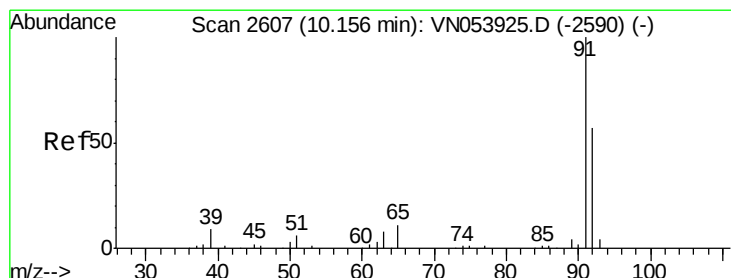
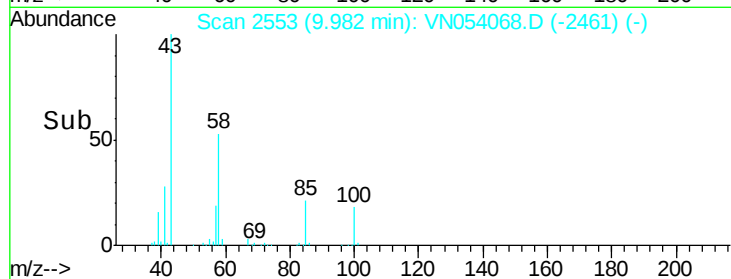
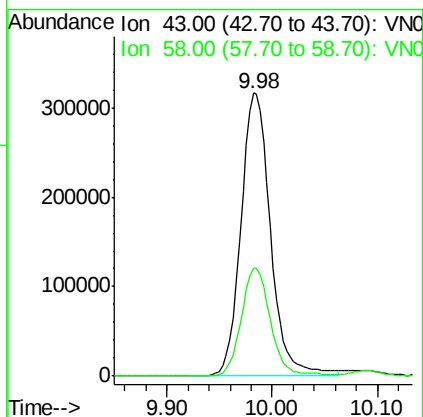
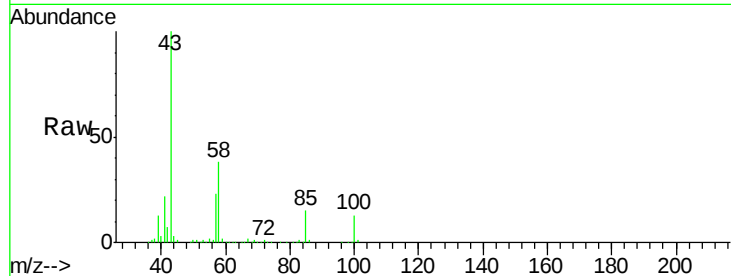
Ion 100.00 (99.70 to 100.70): VN054068.D (-2494) (-)





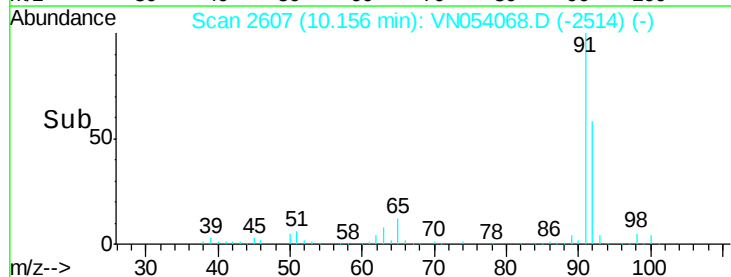
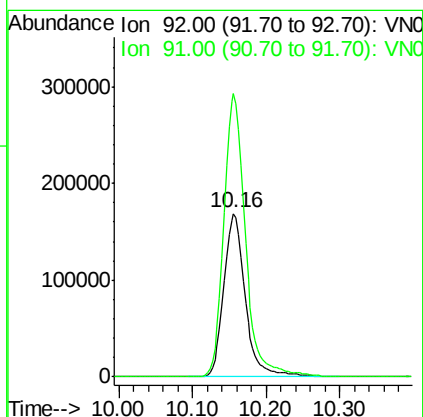
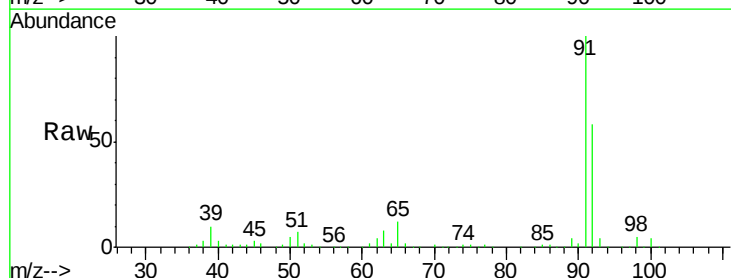
#51
4-Methyl-2-Pentanone
Concen: 106.135 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

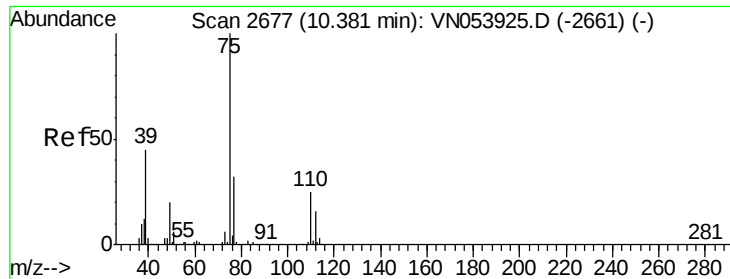
Tot Ion: 43 Resp: 614002
Ion Ratio Lower Upper
43 100
58 38.1 32.7 49.1



#52
Toluene
Concen: 20.362 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 92 Resp: 343947
Ion Ratio Lower Upper
92 100
91 173.6 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 19.958 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054068.D

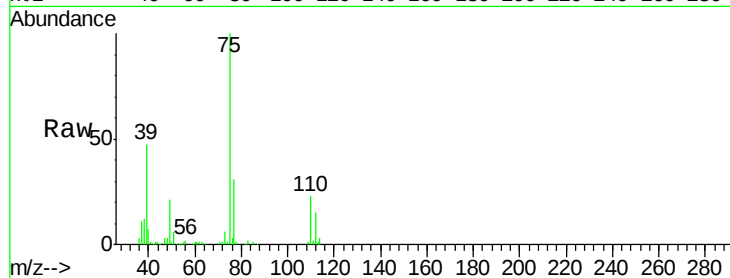
Acq: 4 Mar 2019 16:27

Tot Ion: 75 Resp: 183885

Ion Ratio Lower Upper

75 100

77 30.9 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

120000

100000

80000

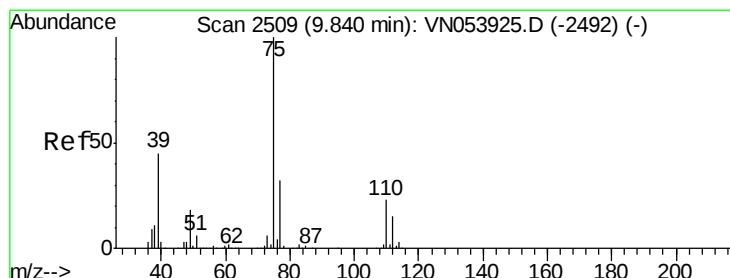
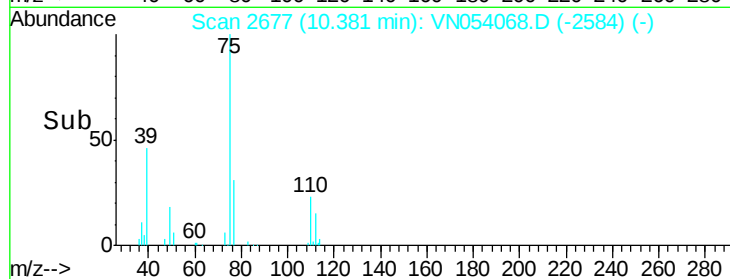
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.139 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

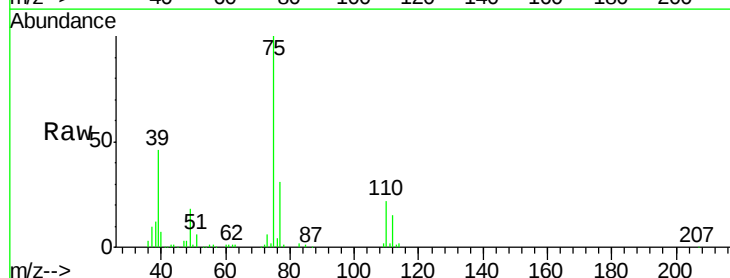
Tgt Ion: 75 Resp: 218739

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6

39 46.2 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

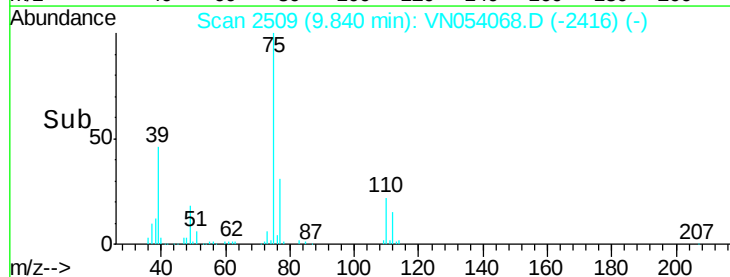
150000

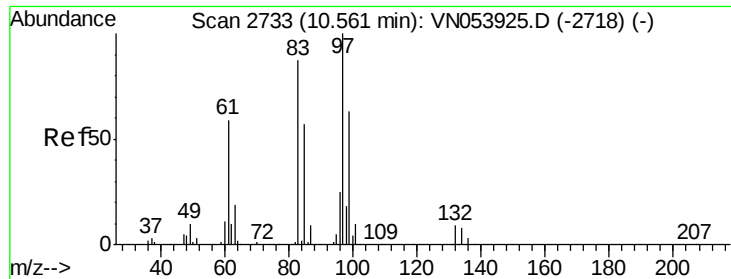
100000

50000

0

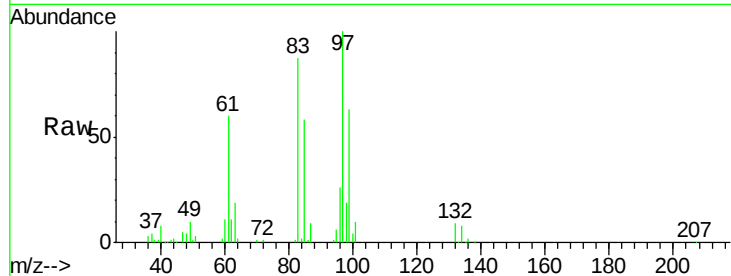
Time-->



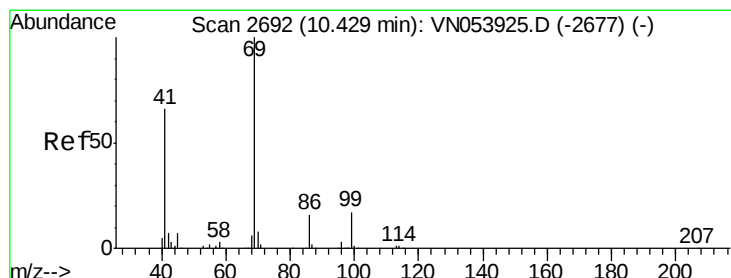
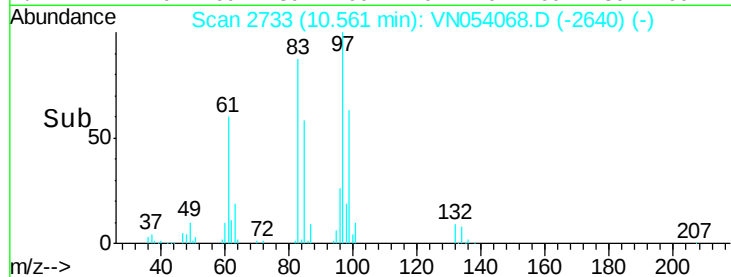
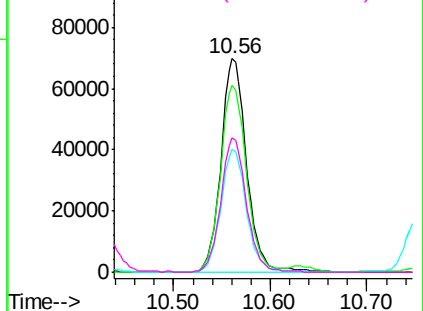


#55
 1,1,2-Trichloroethane
 Concen: 20.340 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tot Ion:	97	Resp:	128315
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.5	104.3
85	57.5	45.9	68.9
99	63.1	49.1	73.7

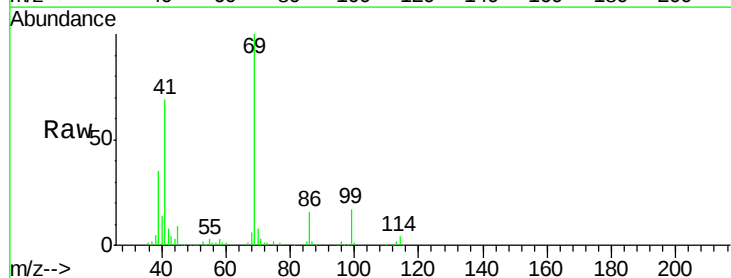


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

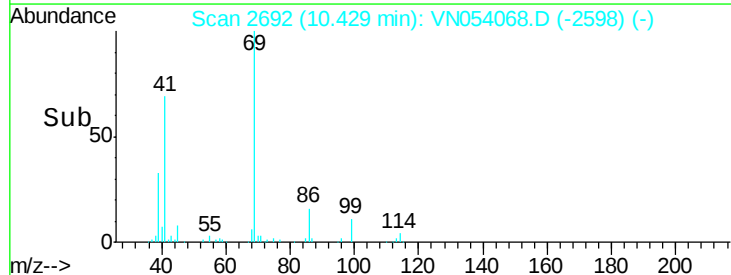
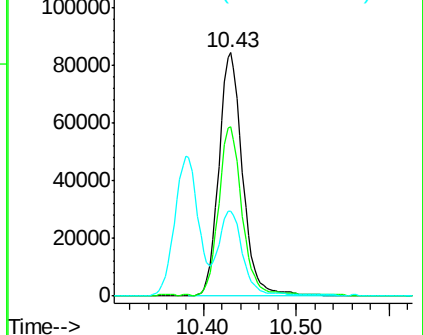


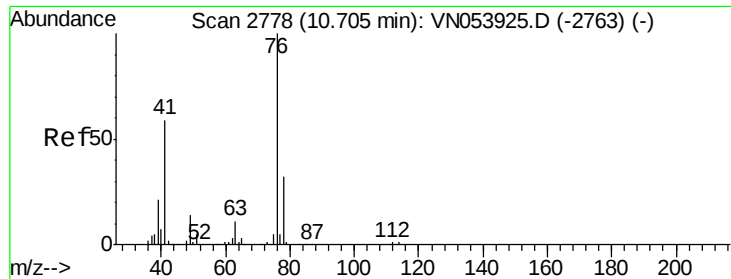
#56
 Ethyl methacrylate
 Concen: 19.398 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tgt Ion:	69	Resp:	150151
Ion	Ratio	Lower	Upper
69	100		
41	68.0	47.5	71.3
39	33.3	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: 20.878 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054068.D

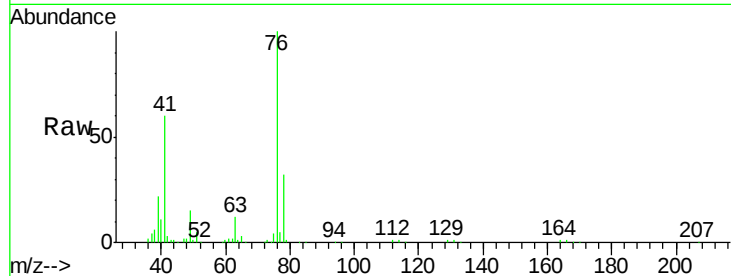
Acq: 4 Mar 2019 16:27

Tot Ion: 76 Resp: 222540

Ion Ratio Lower Upper

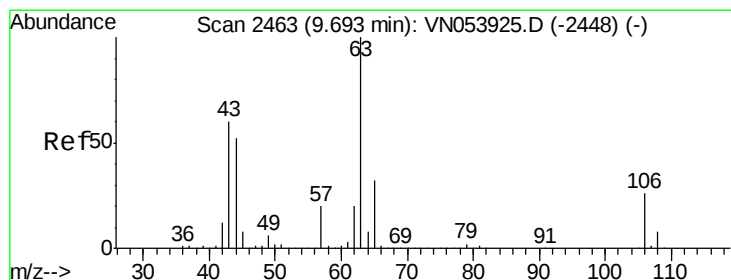
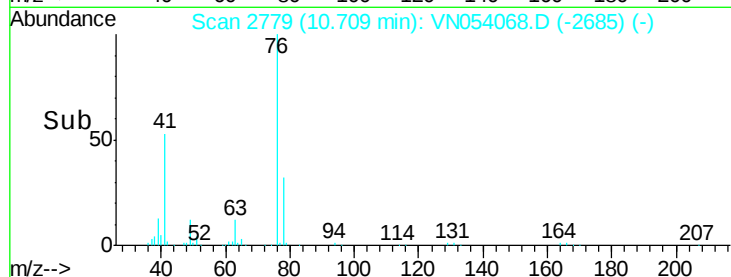
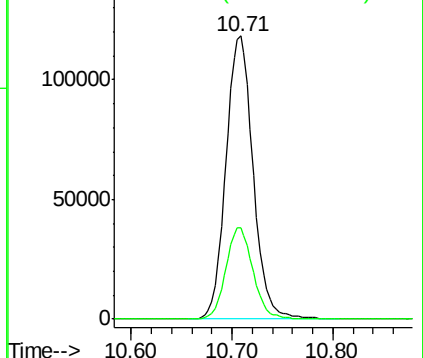
76 100

78 32.3 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.275 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054068.D

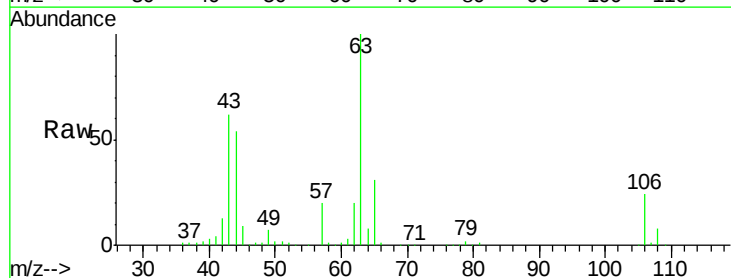
Acq: 4 Mar 2019 16:27

Tgt Ion: 63 Resp: 340725

Ion Ratio Lower Upper

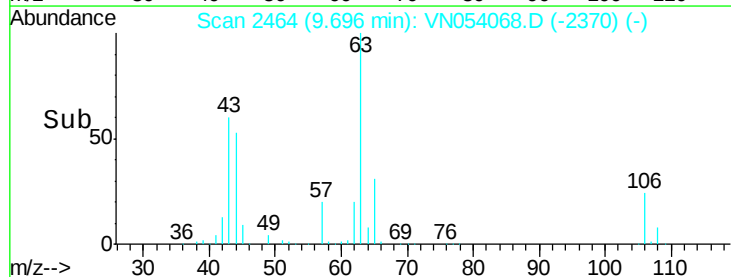
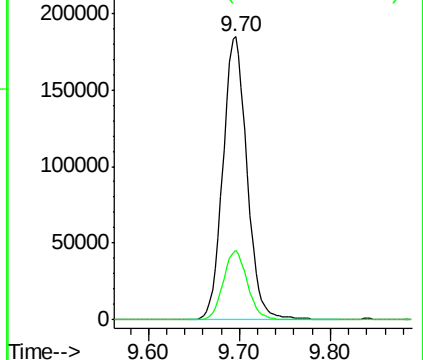
63 100

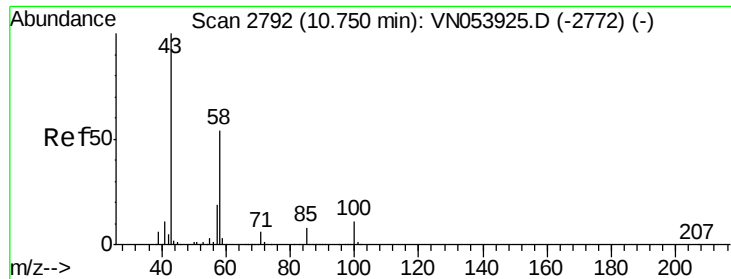
106 24.4 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 102.595 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN054068.D

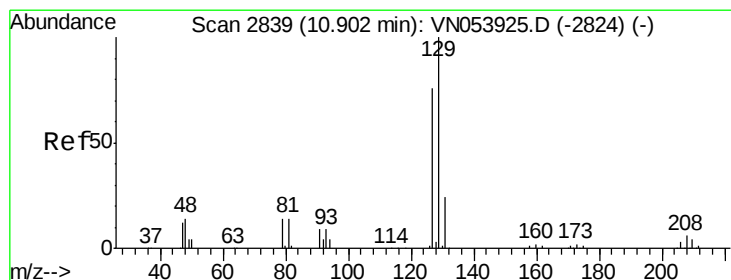
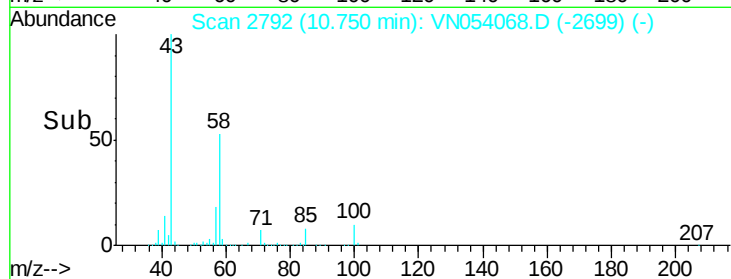
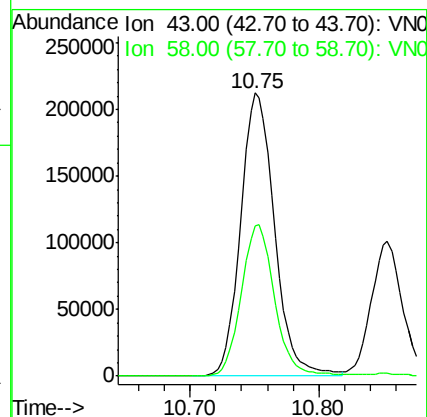
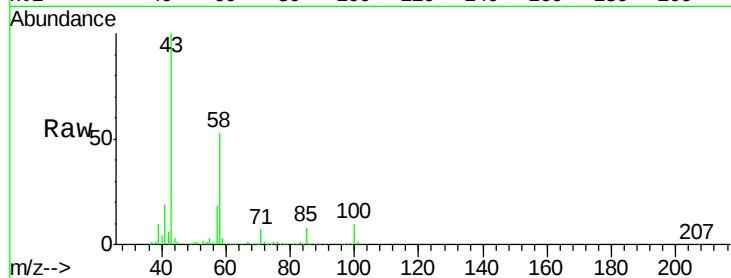
Acq: 4 Mar 2019 16:27

Tot Ion: 43 Resp: 386017

Ion Ratio Lower Upper

43 100

58 53.0 29.1 87.4



#60

Dibromochloromethane

Concen: 19.488 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054068.D

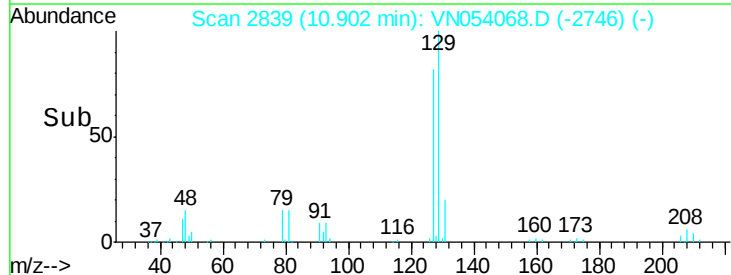
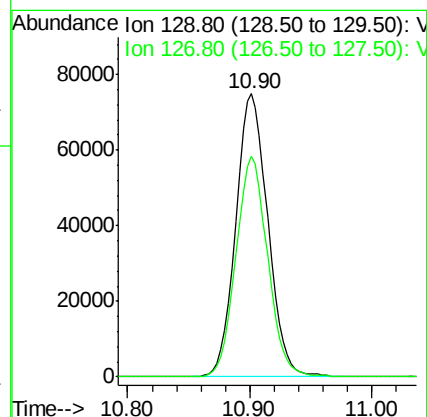
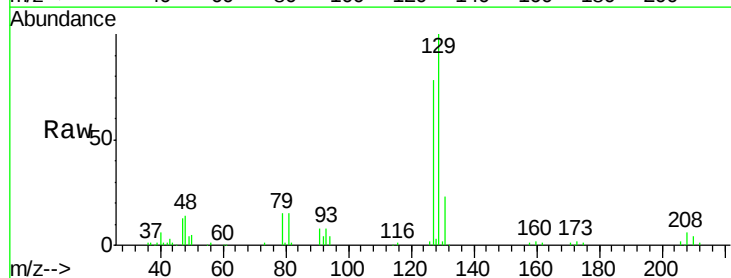
Acq: 4 Mar 2019 16:27

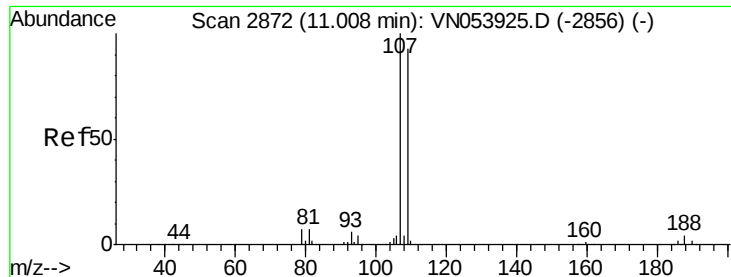
Tgt Ion: 129 Resp: 136627

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.952 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054068.D

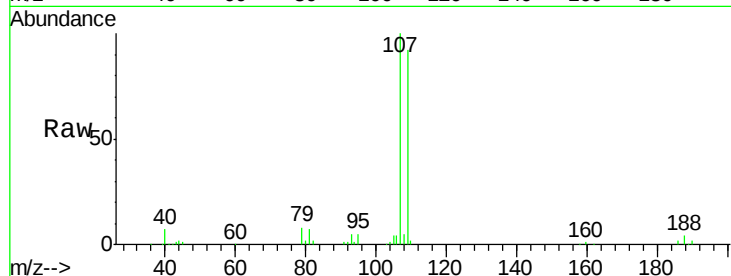
Acq: 4 Mar 2019 16:27

Tot Ion:107 Resp: 121420

Ion Ratio Lower Upper

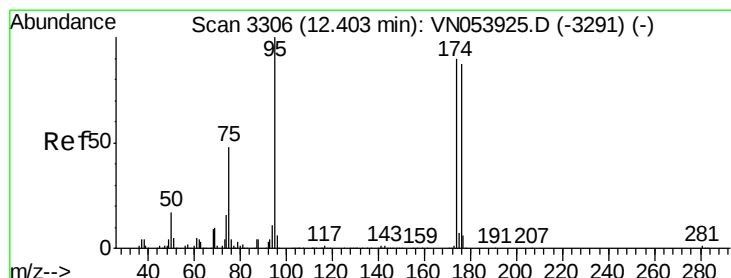
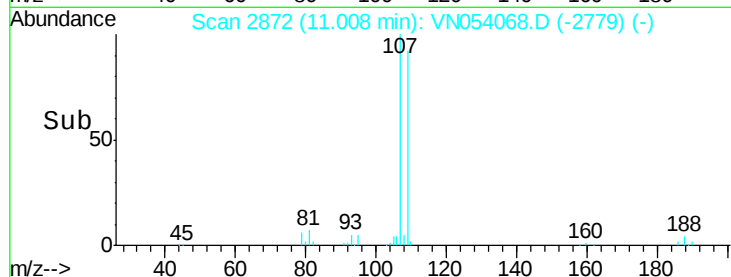
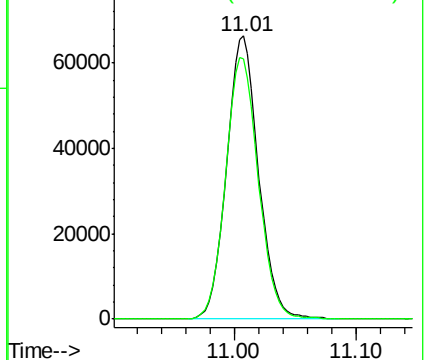
107 100

109 94.6 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: 48.505 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

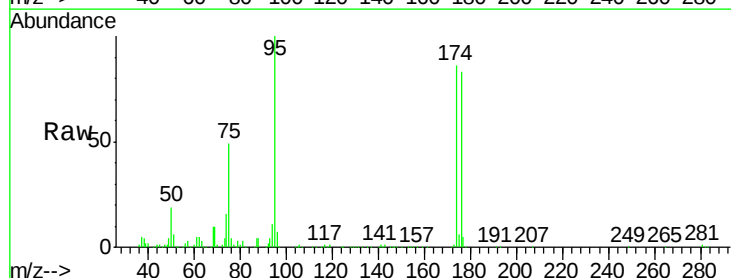
Tgt Ion: 95 Resp: 390629

Ion Ratio Lower Upper

95 100

174 86.6 0.0 188.8

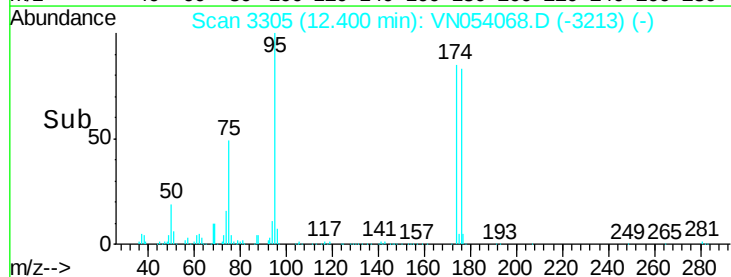
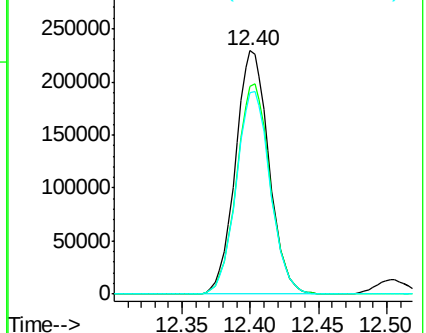
176 84.4 0.0 182.6

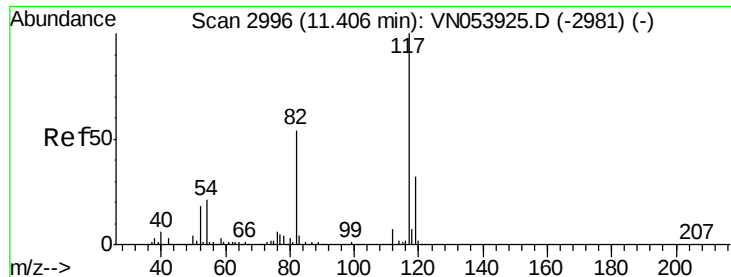


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

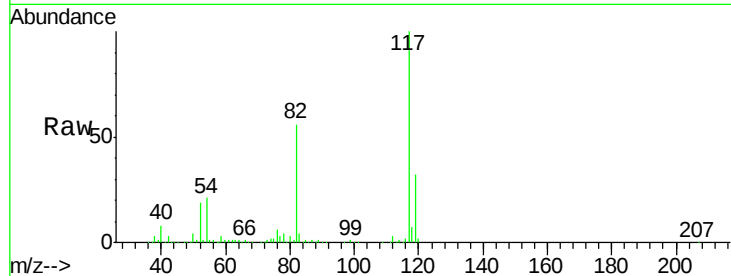
Ion 175.80 (175.50 to 176.50): V



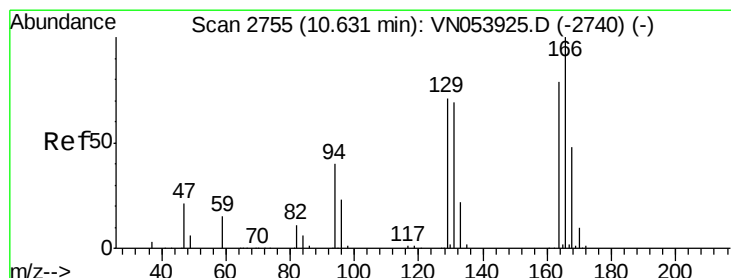
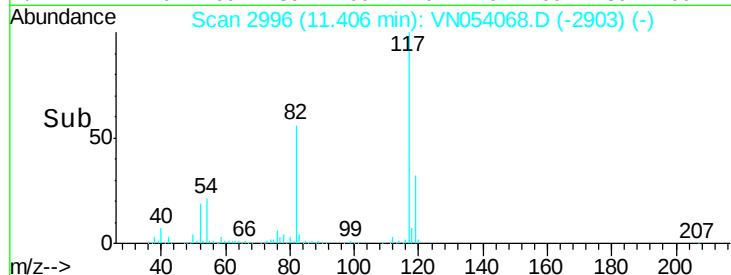
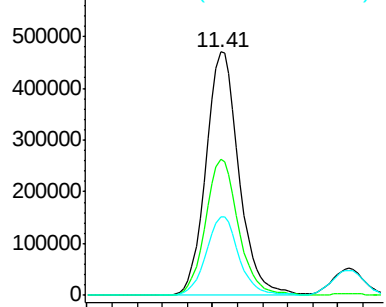


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion:117 Resp: 860604
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.2
119 32.0 25.3 37.9

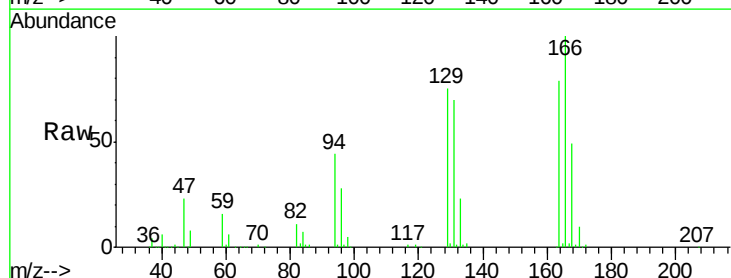


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

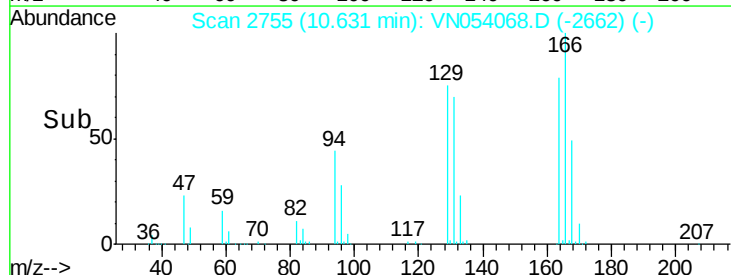
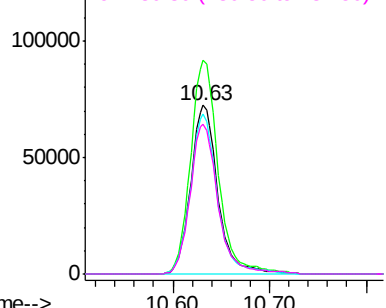


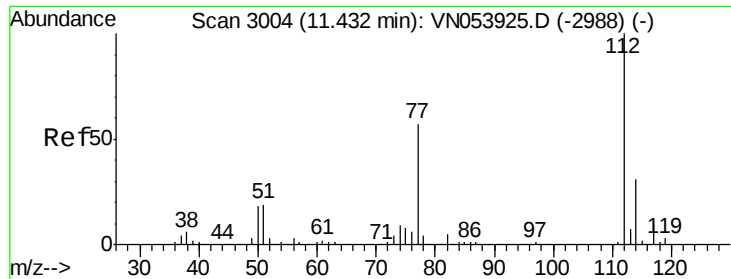
#64
Tetrachloroethene
Concen: 19.356 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion:164 Resp: 141053
Ion Ratio Lower Upper
164 100
166 126.7 102.6 153.8
129 95.0 69.4 104.0
131 89.1 68.1 102.1



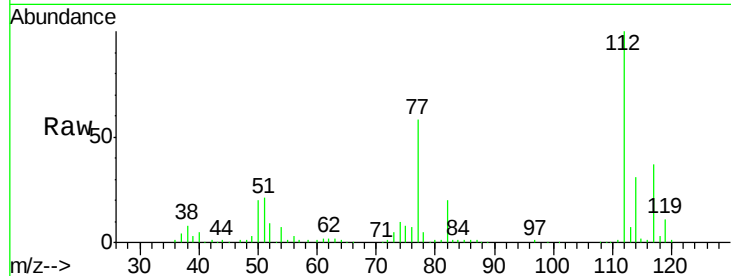
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



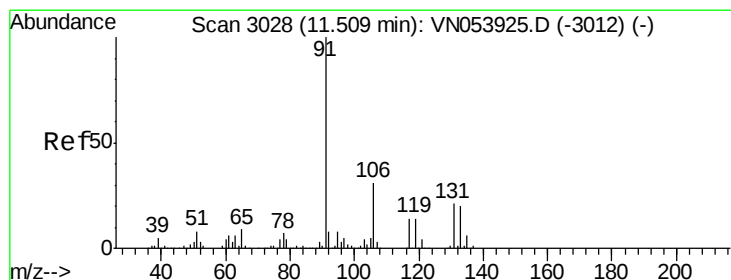
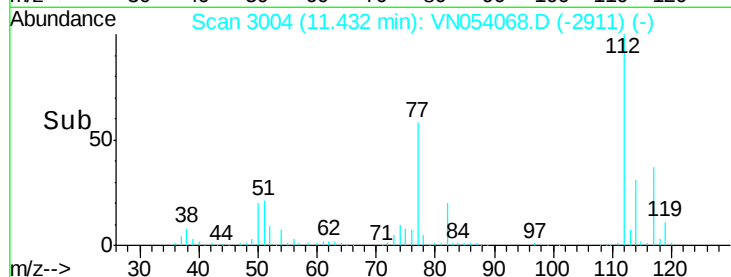
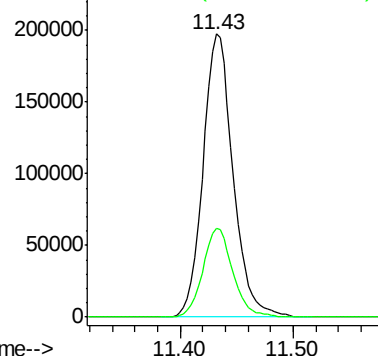


#65
Chlorobenzene
Concen: 20.051 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion:112 Resp: 364177
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

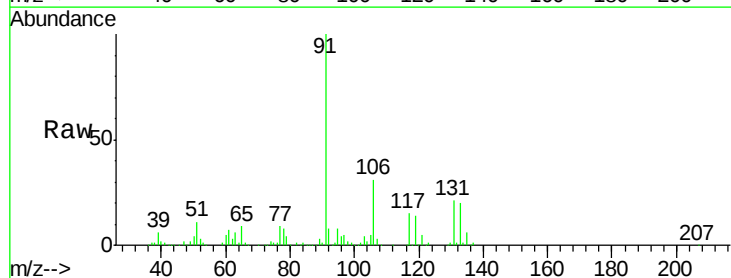


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

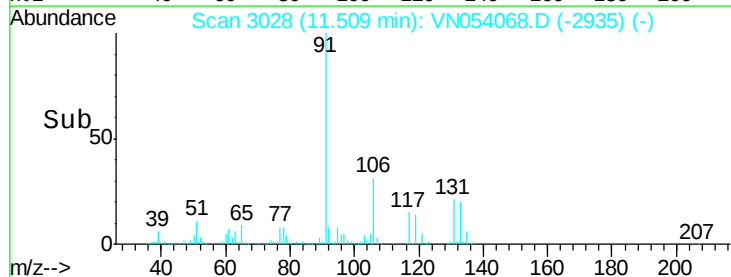
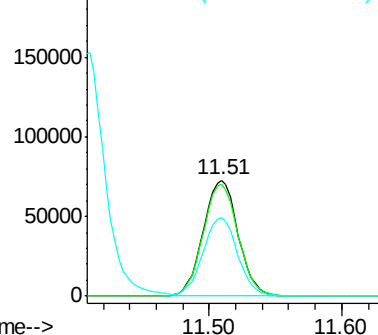


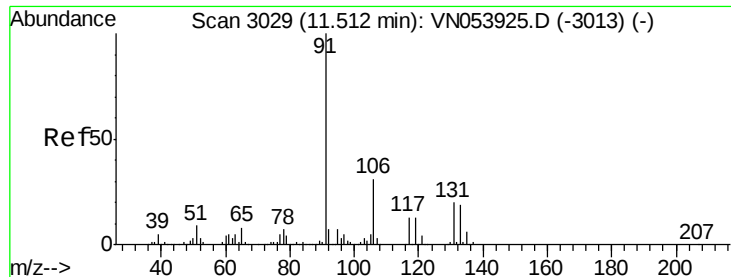
#66
1,1,1,2-Tetrachloroethane
Concen: 20.329 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion:131 Resp: 133072
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 67.1 33.1 99.3



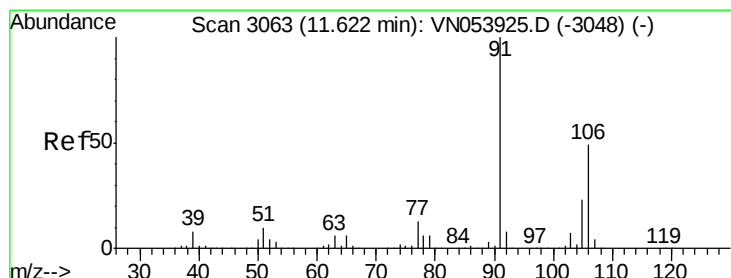
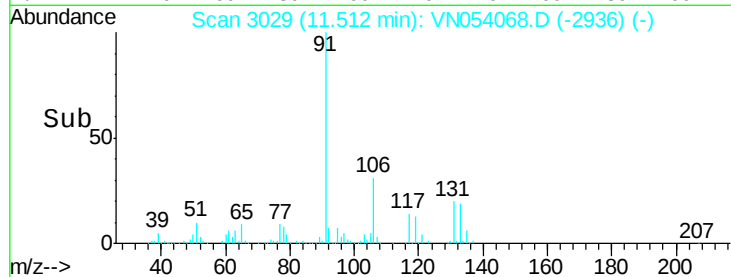
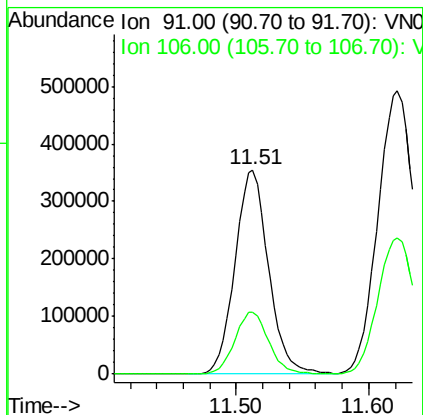
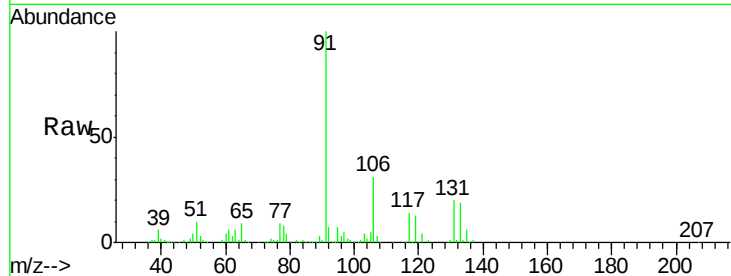
Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





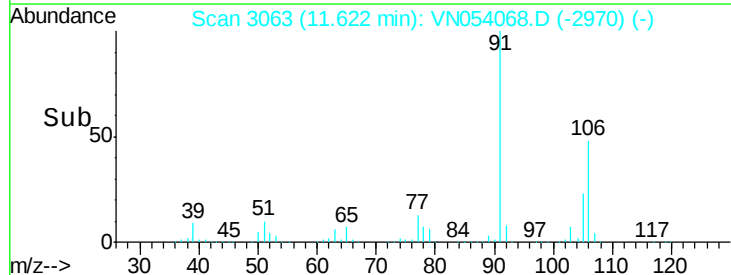
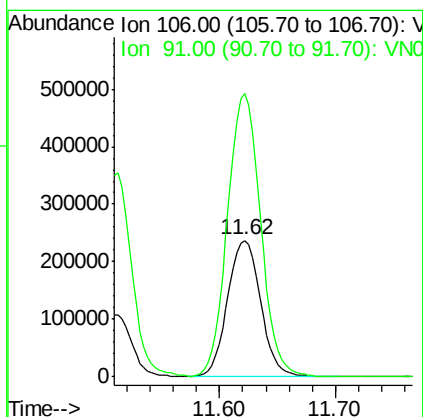
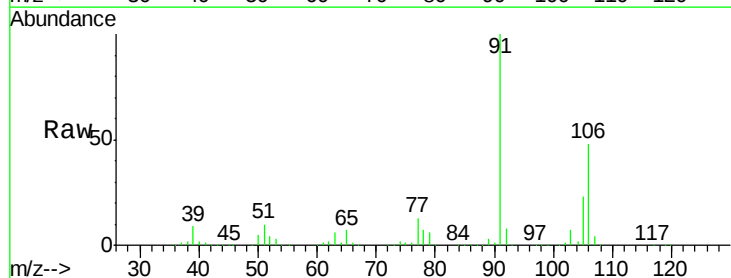
#67
Ethyl Benzene
Concen: 20.470 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

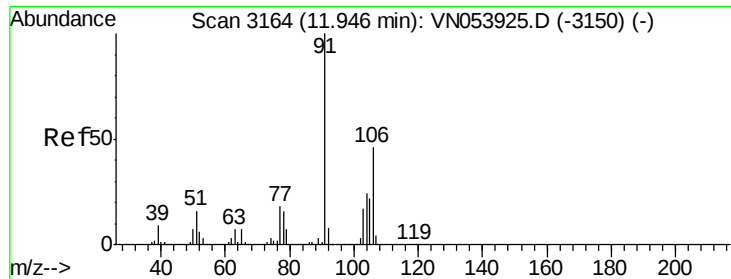
Tot Ion: 91 Resp: 623293
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 40.982 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

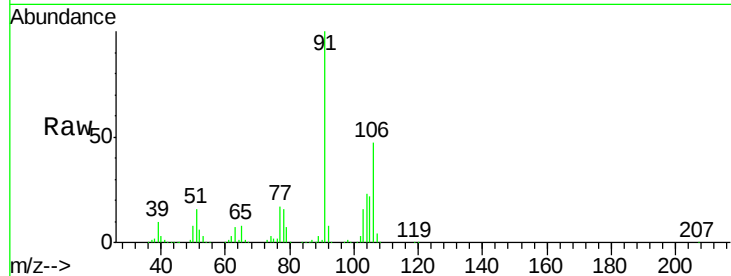
Tgt Ion: 106 Resp: 470964
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3



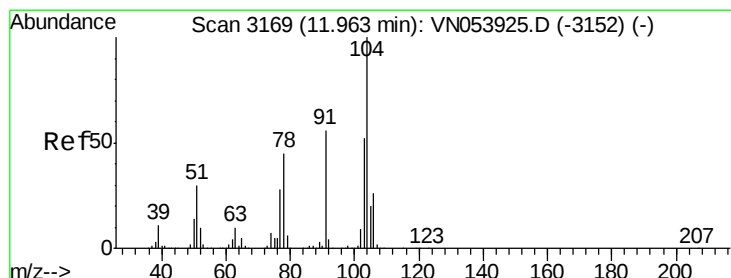
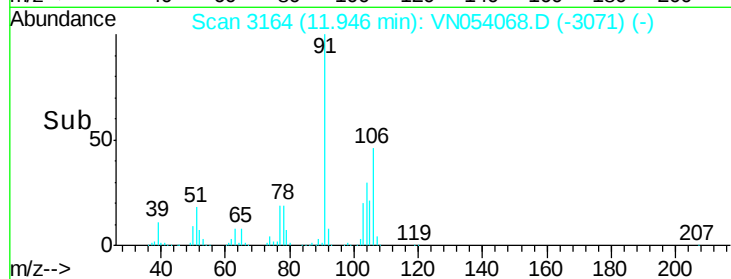
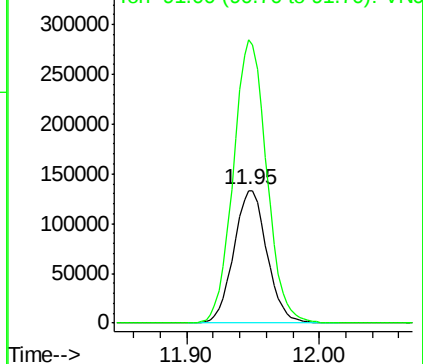


#69
o-Xylene
Concen: 20.546 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tot Ion:106 Resp: 231999
Ion Ratio Lower Upper
106 100
91 214.1 106.0 318.0

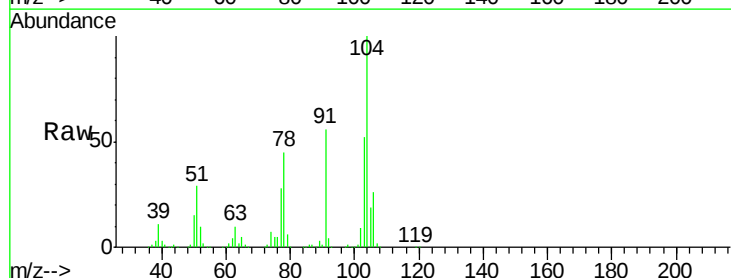


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

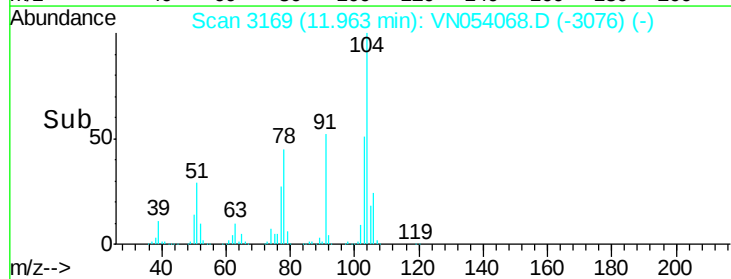
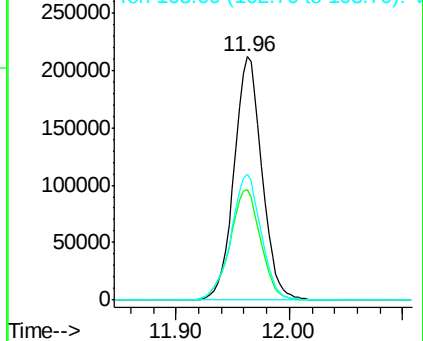


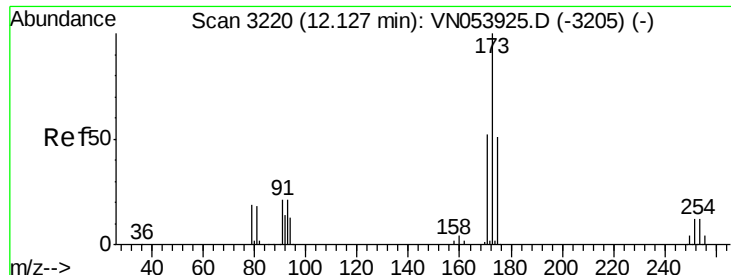
#70
Styrene
Concen: 20.915 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion:104 Resp: 363244
Ion Ratio Lower Upper
104 100
78 50.1 38.1 57.1
103 55.8 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: 19.676 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

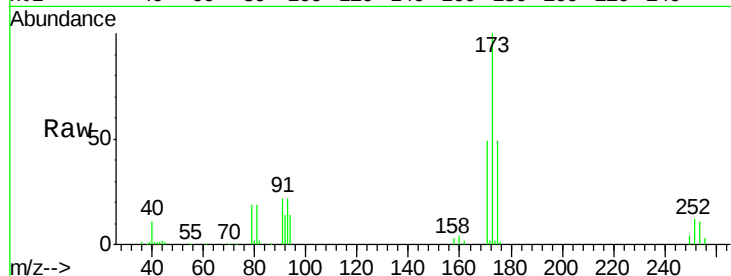
Tot Ion:173 Resp: 89603

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	72.8
254	0.0	0.2	0.2

173 100

175 49.6 24.3 72.8

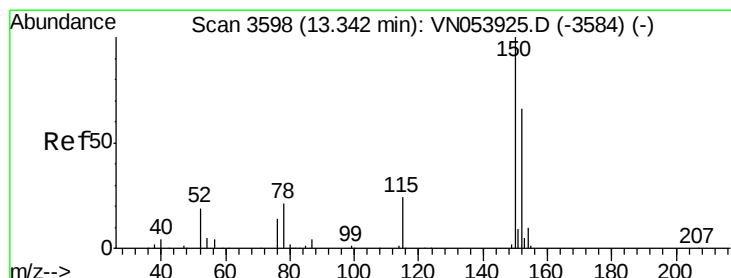
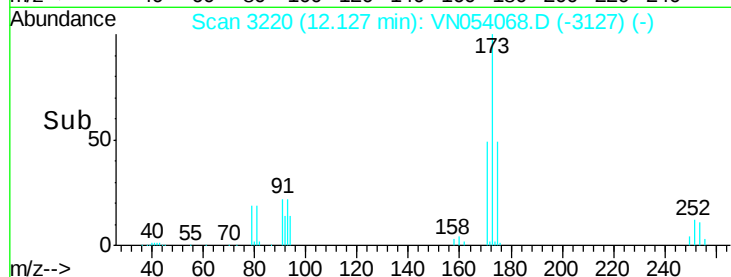
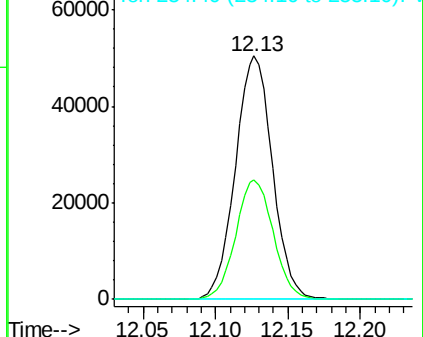
254 0.0 0.2 0.2



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: VN054068.D

Acq: 4 Mar 2019 16:27

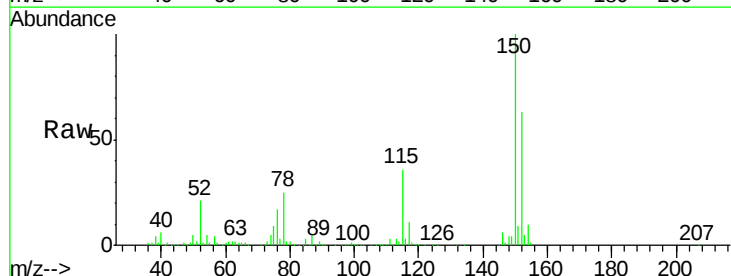
Tgt Ion:152 Resp: 371494

Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.2	81.6
150	164.4	0.0	348.2

152 100

115 57.4 27.2 81.6

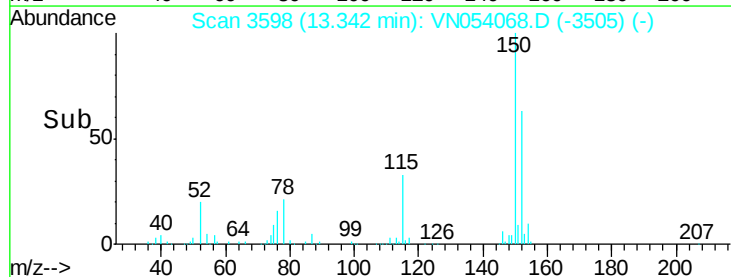
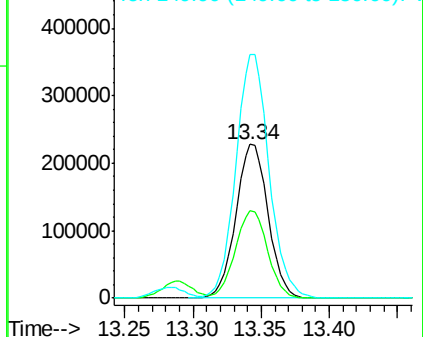
150 164.4 0.0 348.2

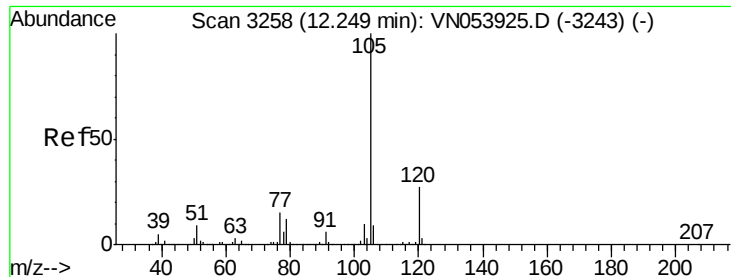


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.948 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054068.D

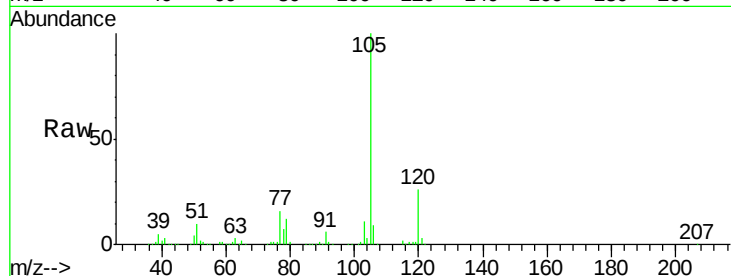
Acq: 4 Mar 2019 16:27

Tot Ion:105 Resp: 605781

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

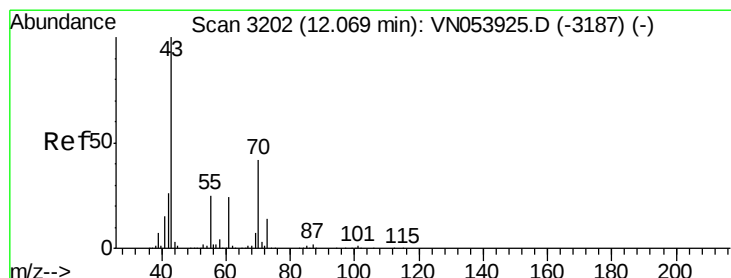
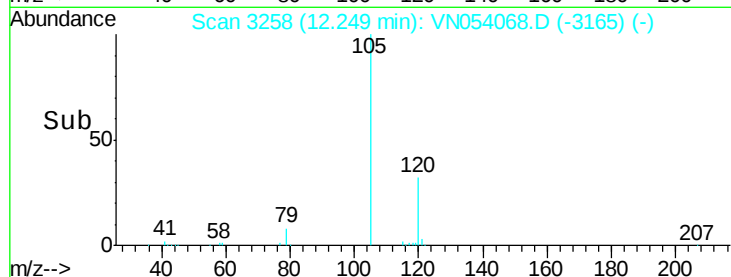
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 21.919 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tgt Ion: 43 Resp: 166132

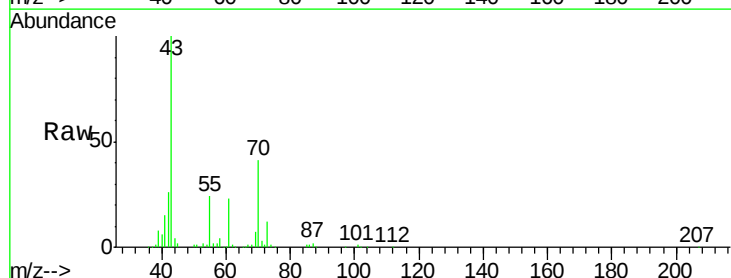
Ion Ratio Lower Upper

43 100

70 40.0 37.4 56.2

55 25.1 21.4 32.0

61 23.1 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

150000

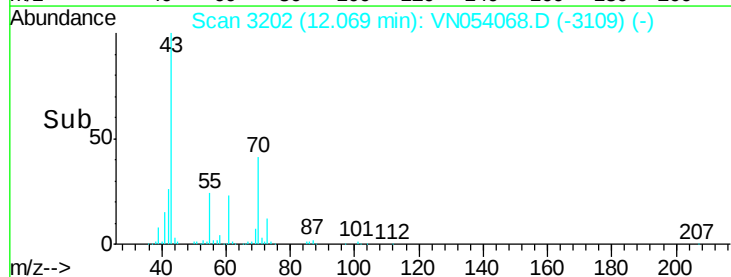
100000

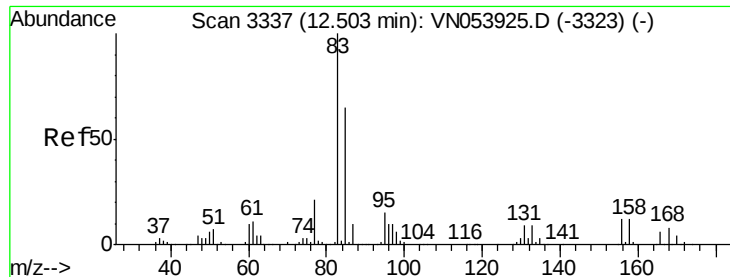
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 21.109 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

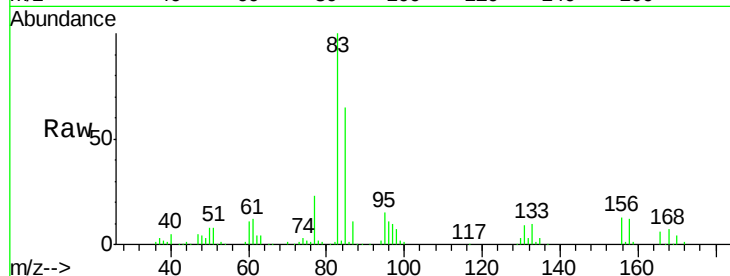
Tot Ion: 83 Resp: 152651

Ion Ratio Lower Upper

83 100

131 9.6 5.3 16.1

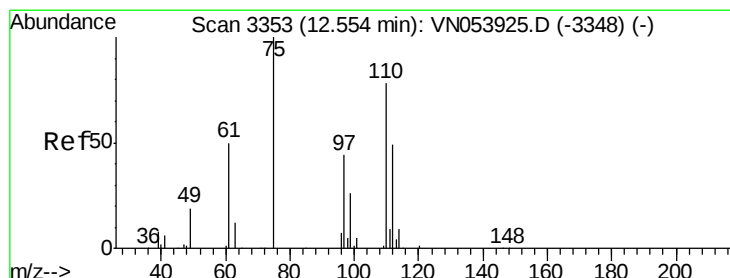
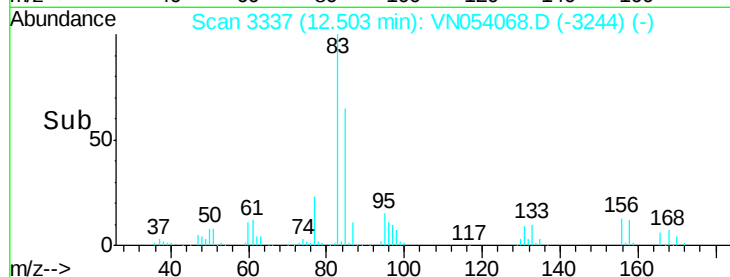
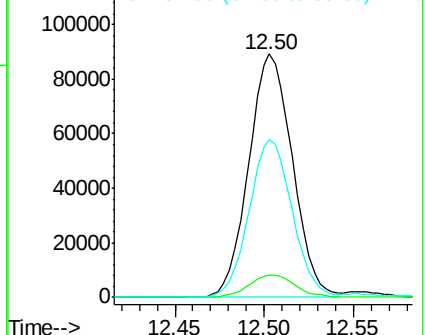
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN054068.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN054068.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN054068.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 30.584 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054068.D

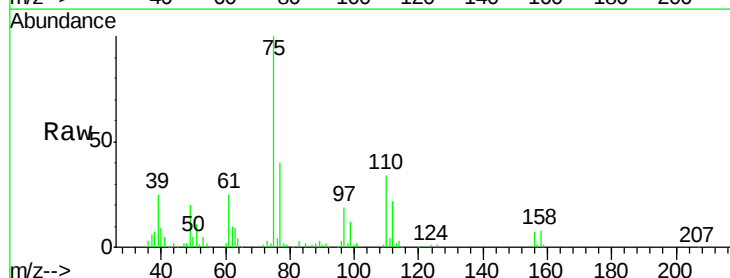
Acq: 4 Mar 2019 16:27

Tgt Ion: 75 Resp: 182262

Ion Ratio Lower Upper

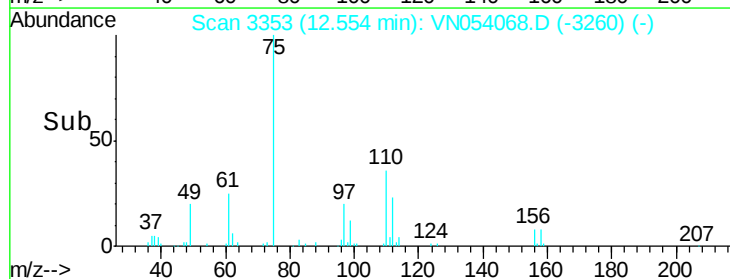
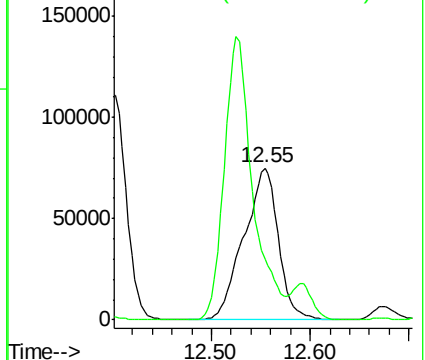
75 100

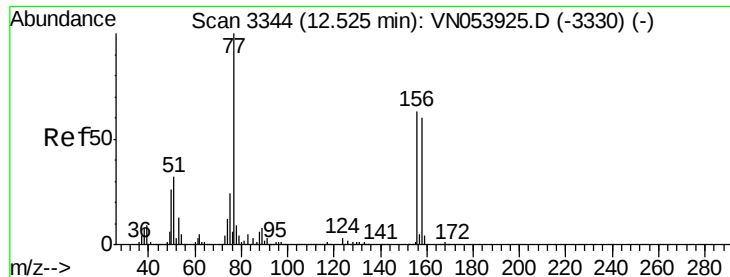
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054068.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054068.D (-3260) (-)





#77

Bromobenzene

Concen: 20.157 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

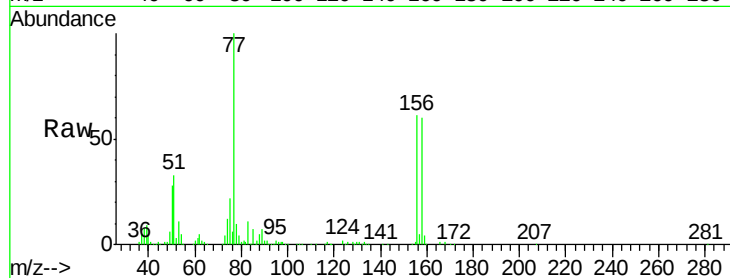
Tot Ion:156 Resp: 147994

Ion	Ratio	Lower	Upper
156	100		
77	190.8	84.0	252.2
158	98.9	48.5	145.6

156 100

77 190.8 84.0 252.2

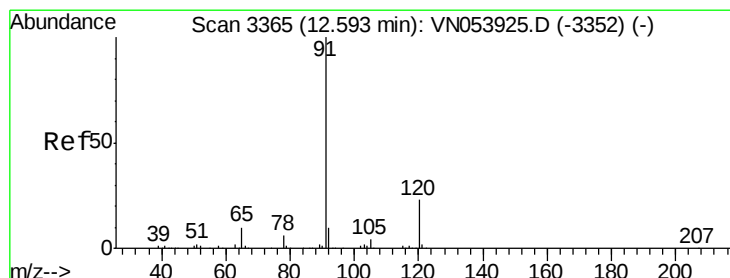
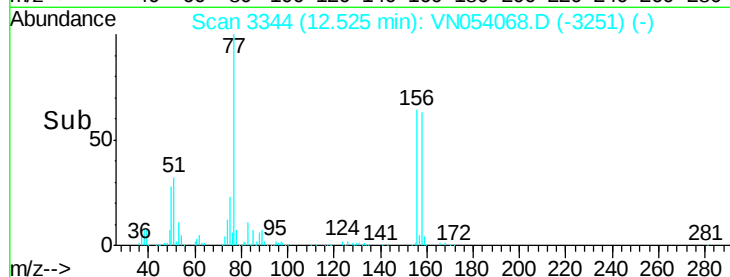
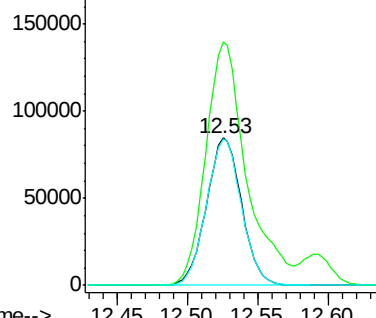
158 98.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.359 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054068.D

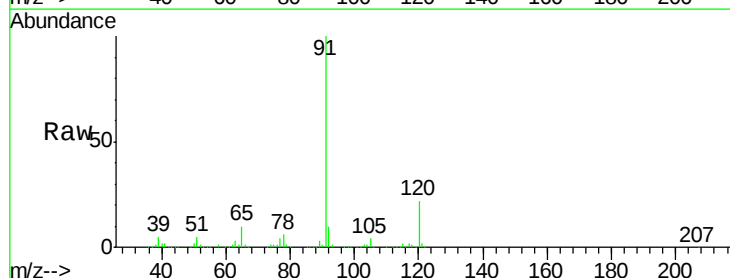
Acq: 4 Mar 2019 16:27

Tgt Ion: 91 Resp: 702438

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.9	35.9

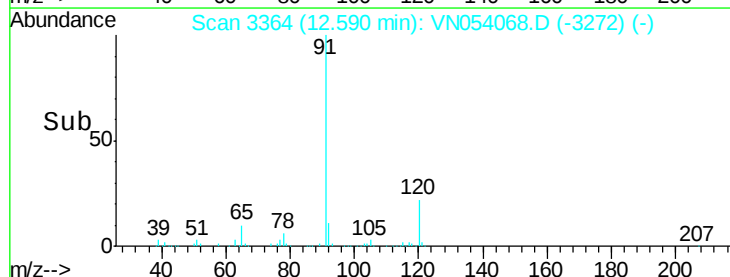
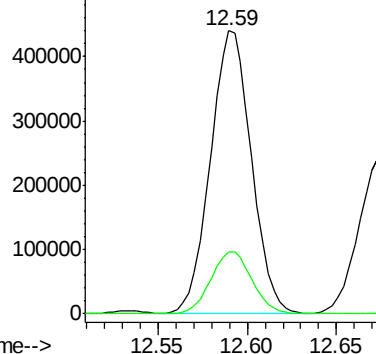
91 100

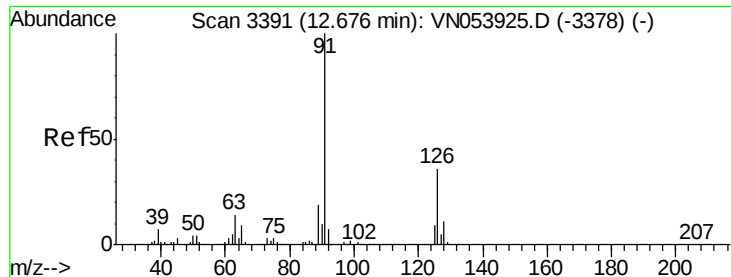
120 22.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.175 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN054068.D

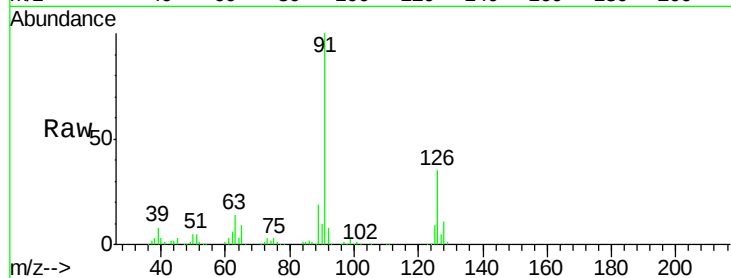
Acq: 4 Mar 2019 16:27

Tot Ion: 91 Resp: 418340

Ion Ratio Lower Upper

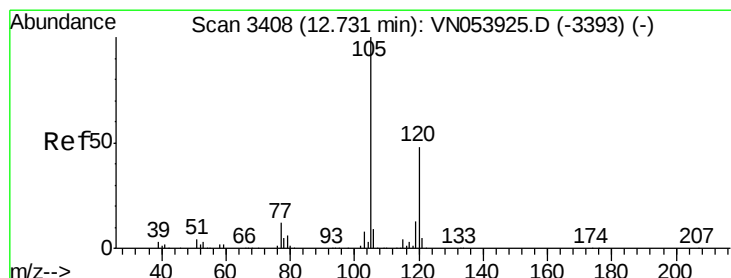
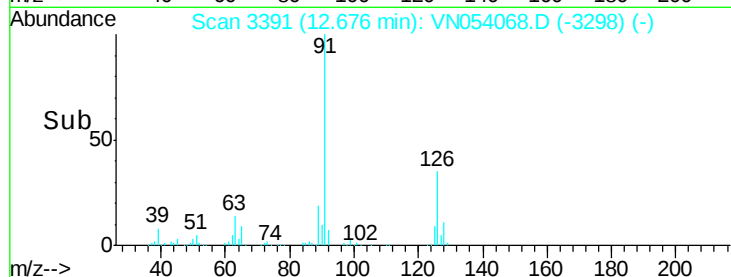
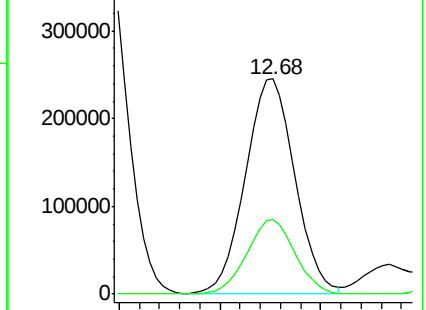
91 100

126 34.1 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN054068.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN054068.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.466 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054068.D

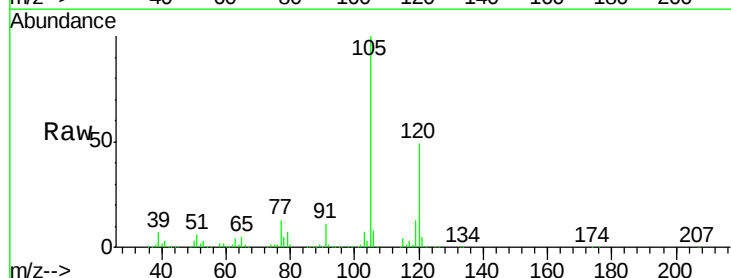
Acq: 4 Mar 2019 16:27

Tgt Ion: 105 Resp: 508206

Ion Ratio Lower Upper

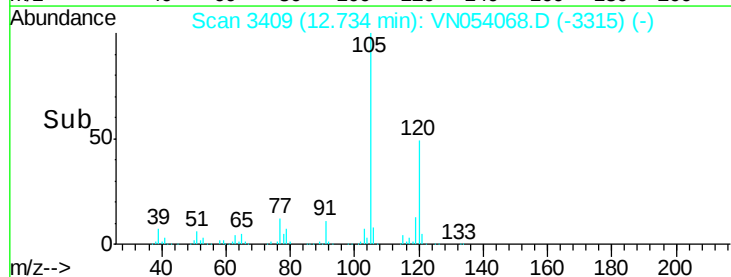
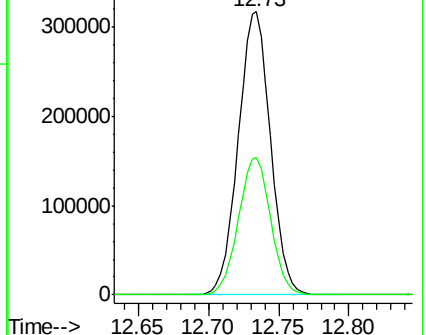
105 100

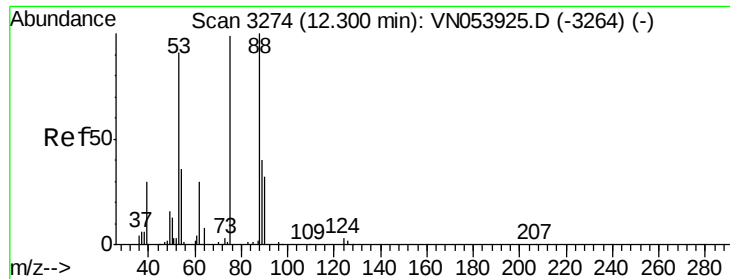
120 48.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN054068.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN054068.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.856 ug/l

RT: 12.30 min Scan# 3274

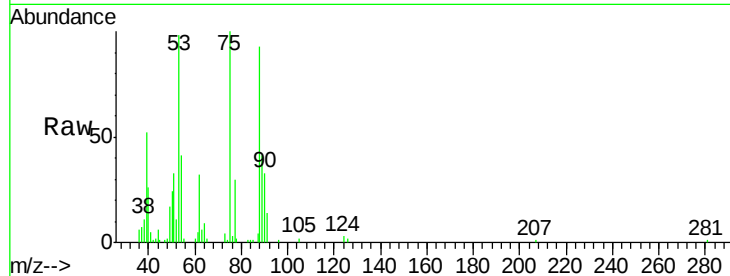
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion: 75 Resp: 35554

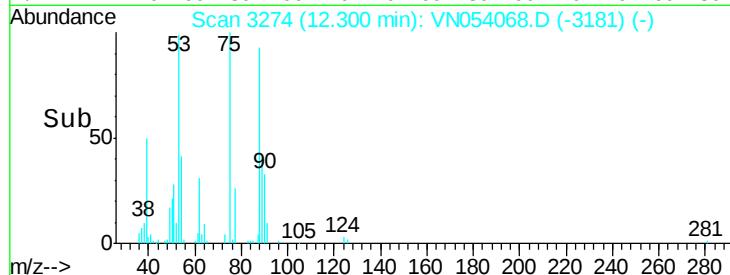
Ion	Ratio	Lower	Upper
75	100		
53	103.0	68.6	102.8#
89	44.9	35.3	52.9



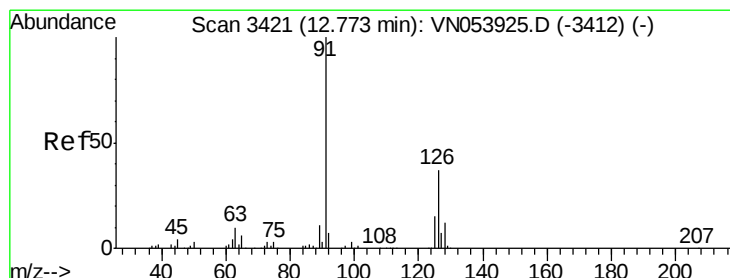
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->



#82

4-Chlorotoluene

Concen: 20.906 ug/l

RT: 12.77 min Scan# 3421

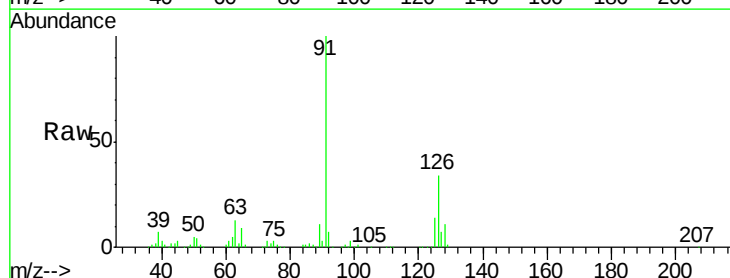
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

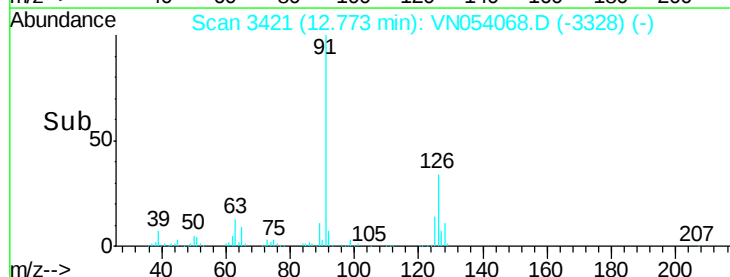
Tgt Ion: 91 Resp: 408199

Ion	Ratio	Lower	Upper
91	100		
126	33.8	18.0	54.0

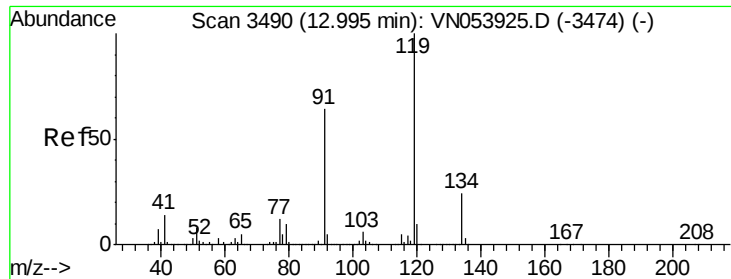


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

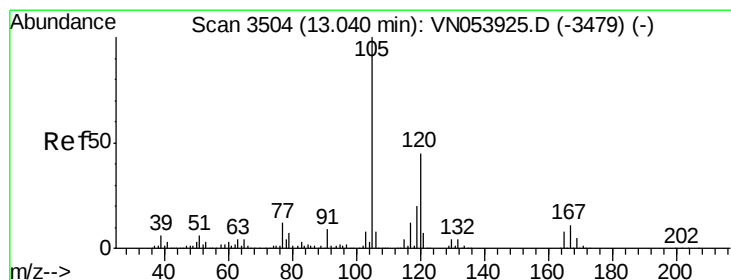
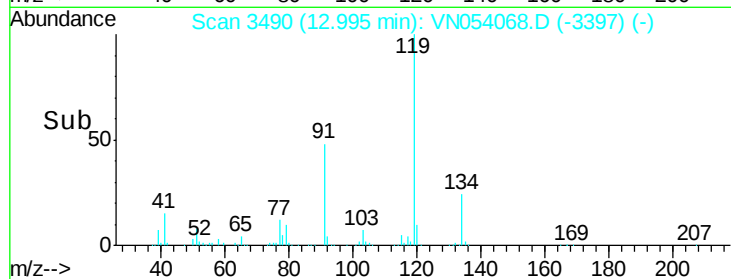
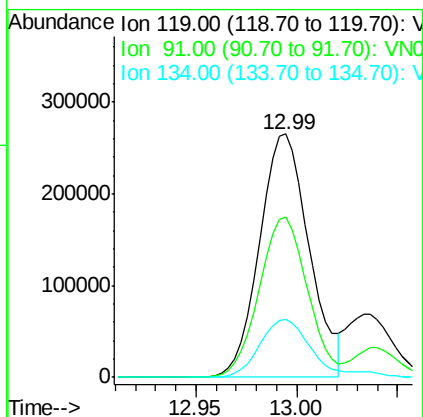
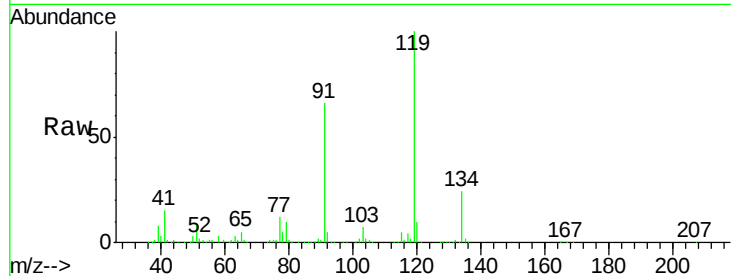


Time-->



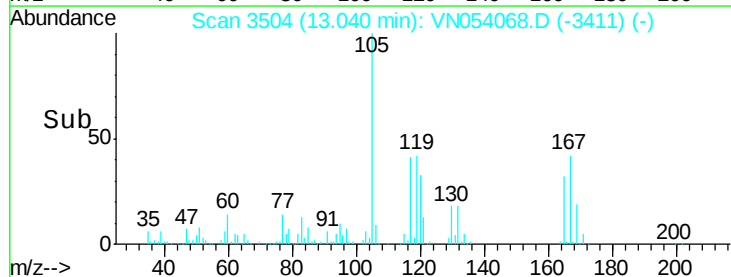
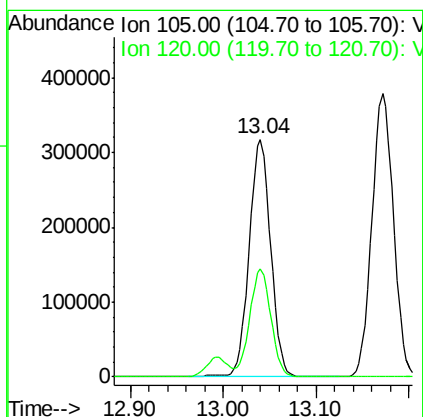
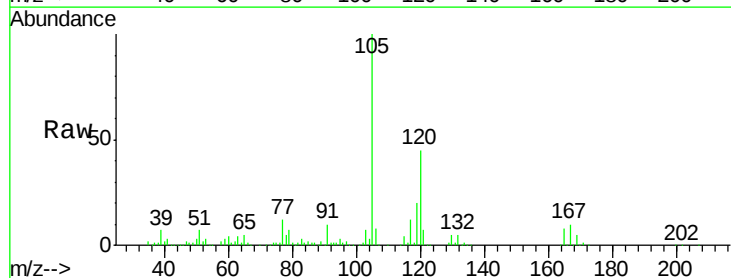
#83
tert-Butylbenzene
Concen: 21.673 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

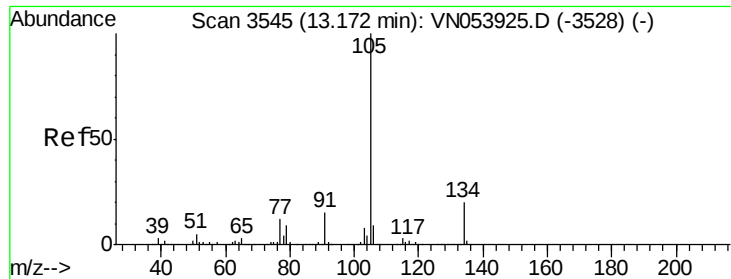
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	30.6	91.8
134	25.5	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 21.593 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

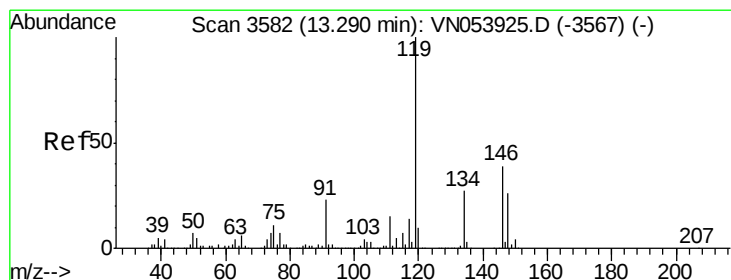
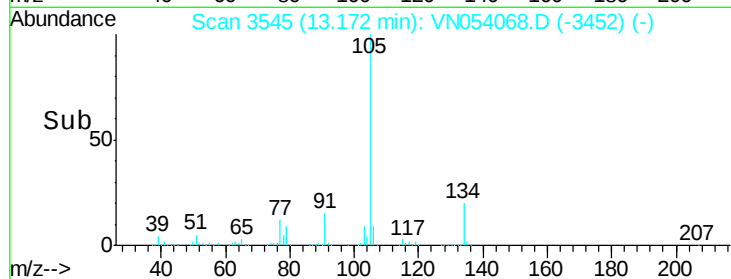
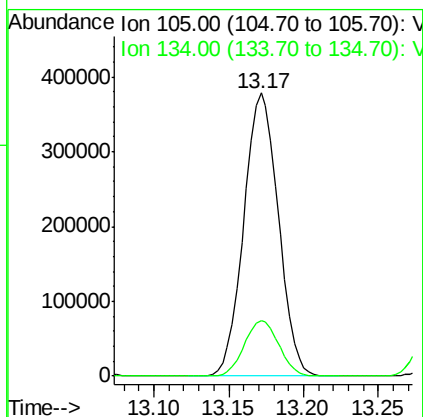
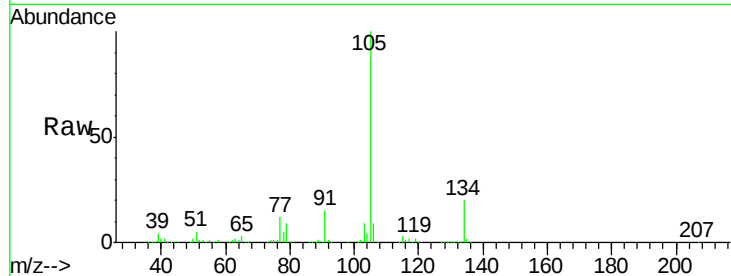
Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.5





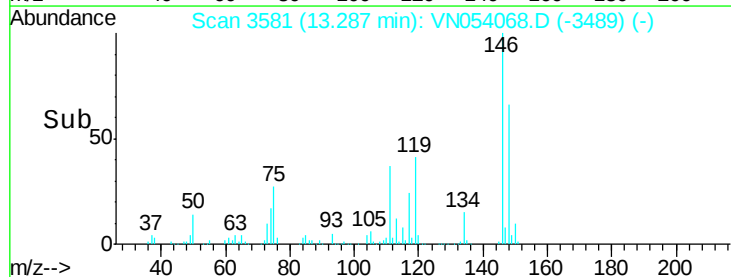
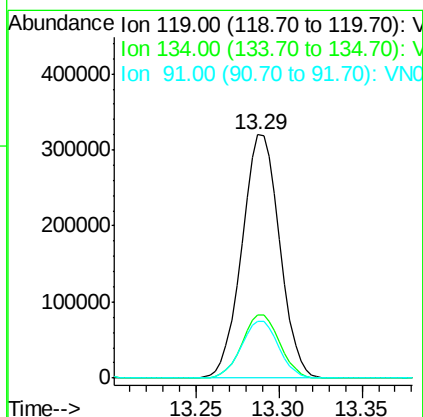
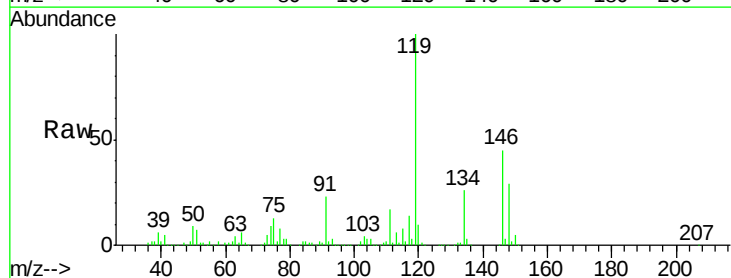
#85
 sec-Butylbenzene
 Concen: 21.229 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

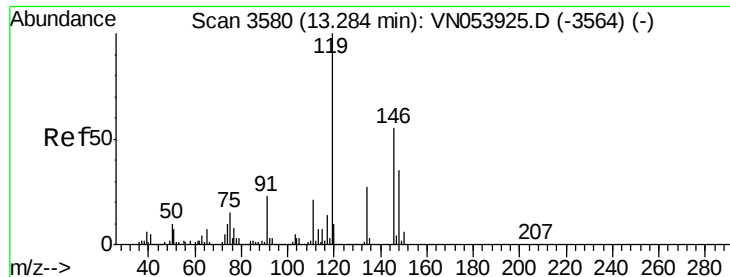
Tot Ion:105 Resp: 607123
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.894 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tgt Ion:119 Resp: 505139
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 23.2 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 20.096 ug/l

RT: 13.28 min Scan# 3580

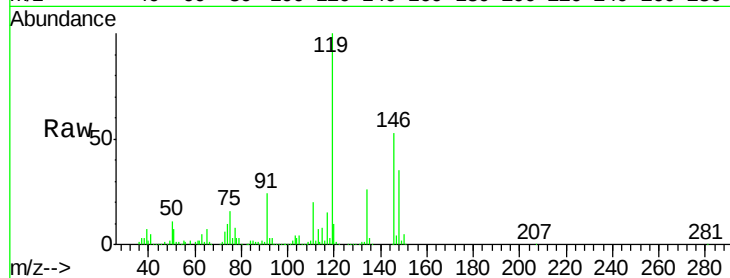
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion:146 Resp: 255246

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	64.4	32.0	96.2

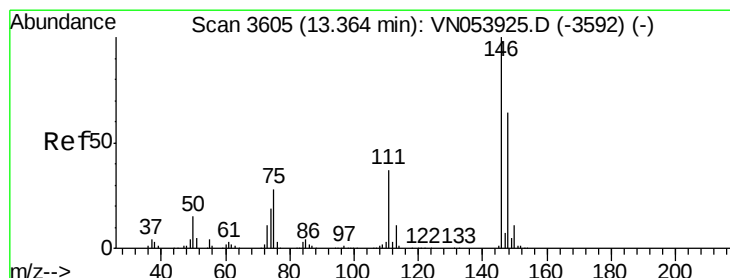
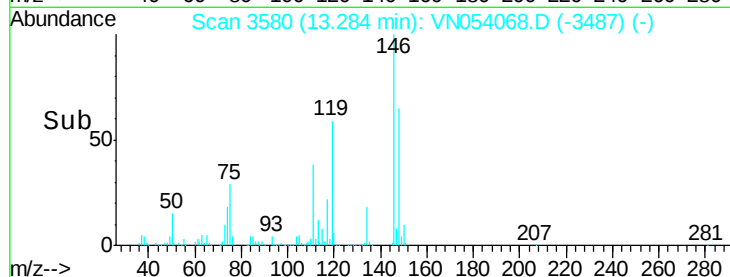
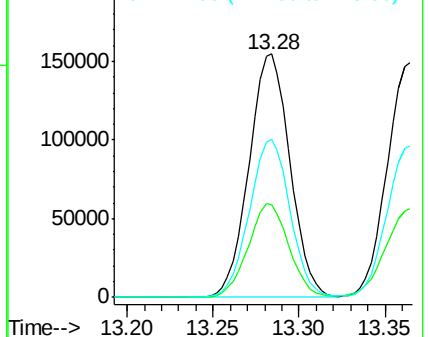


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.161 ug/l

RT: 13.36 min Scan# 3605

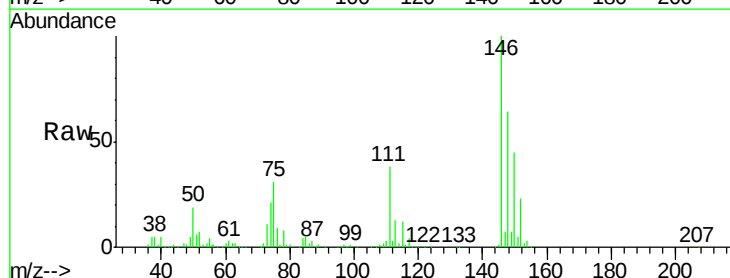
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tgt Ion:146 Resp: 248435

Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.0	54.0
148	64.8	32.1	96.5

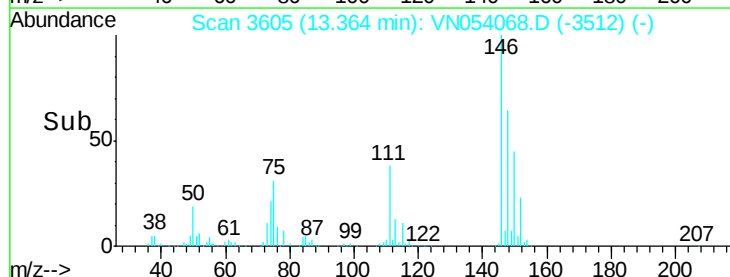
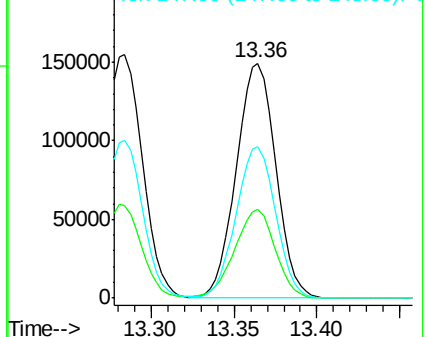


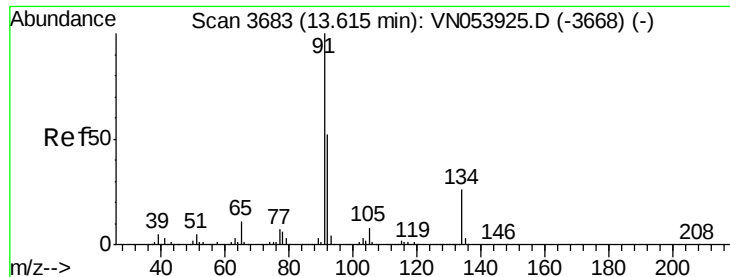
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

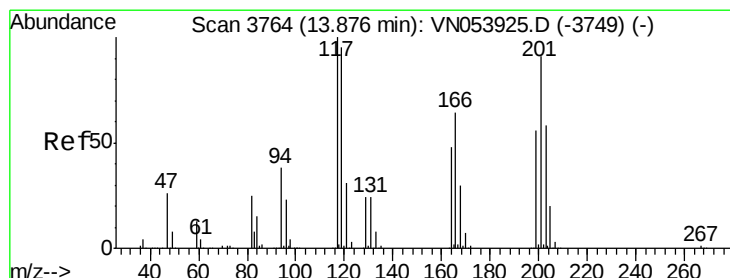
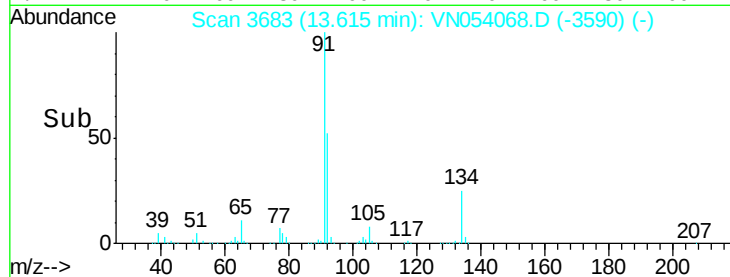
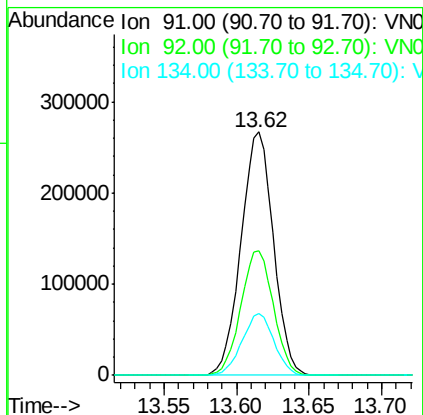
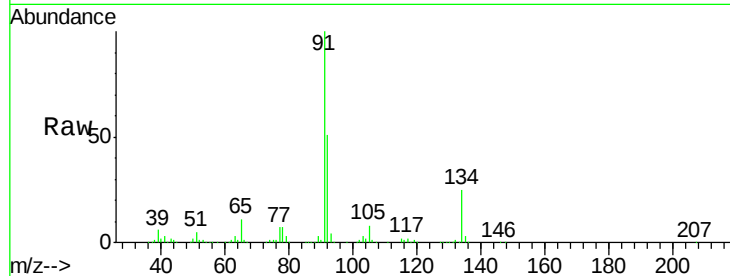
Ion 147.90 (147.60 to 148.60): V





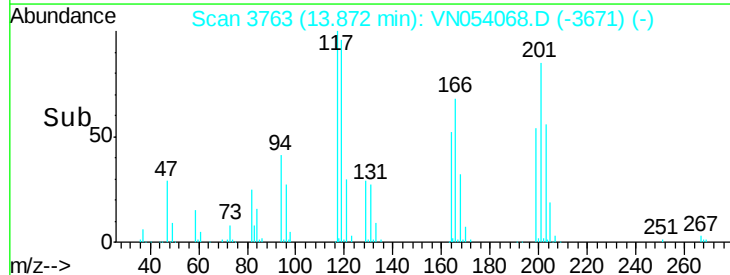
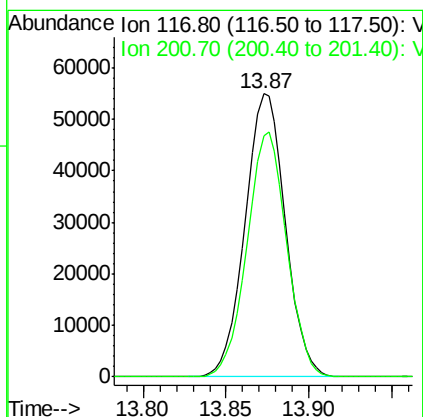
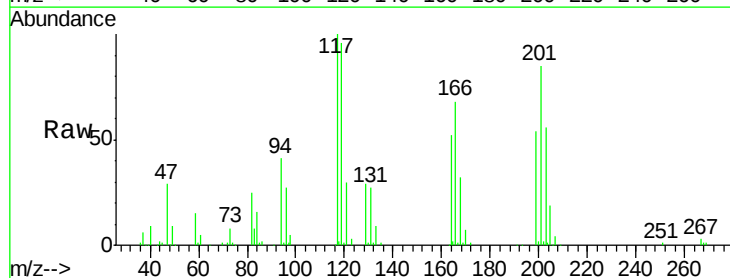
#89
n-Butylbenzene
Concen: 20.384 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

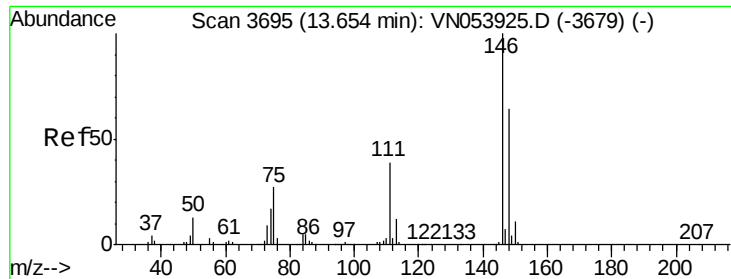
Tot Ion: 91 Resp: 415328
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 25.1 13.6 40.8



#90
Hexachloroethane
Concen: 19.881 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054068.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 117 Resp: 93141
Ion Ratio Lower Upper
117 100
201 85.0 48.0 144.2





#91

1,2-Dichlorobenzene

Concen: 20.977 ug/l

RT: 13.65 min Scan# 3695

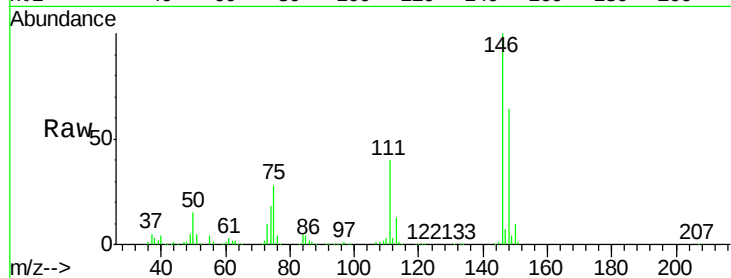
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion:146 Resp: 257915

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.5
148	63.1	32.1	96.5

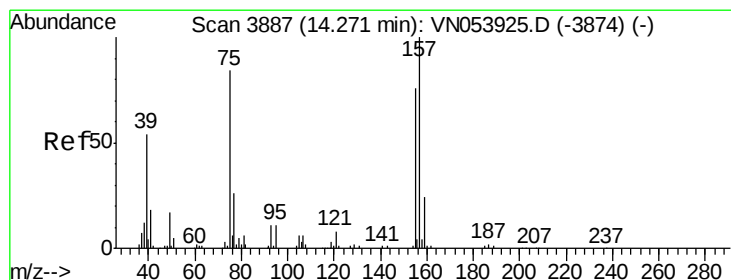
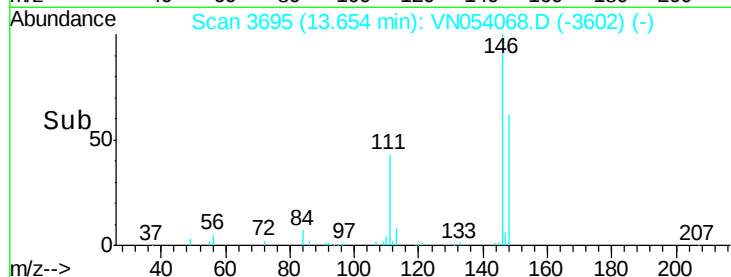
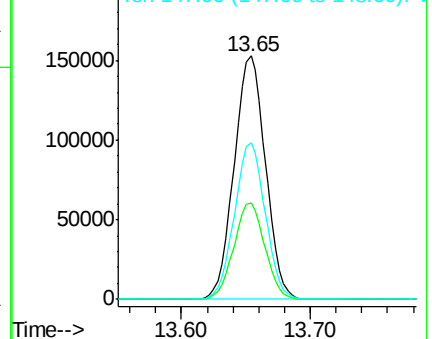


Abundance

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: 21.092 ug/l

RT: 14.27 min Scan# 3886

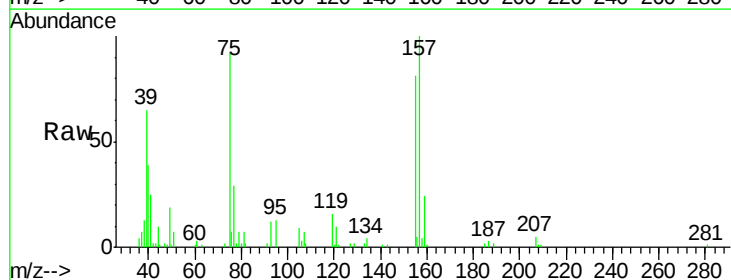
Delta R.T. -0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tgt Ion: 75 Resp: 21555

Ion	Ratio	Lower	Upper
75	100		
155	88.1	49.5	148.5
157	108.7	64.8	194.6

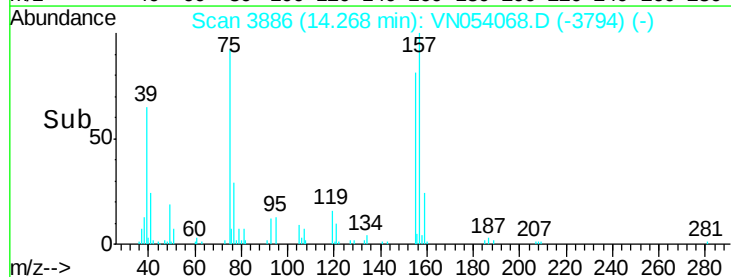
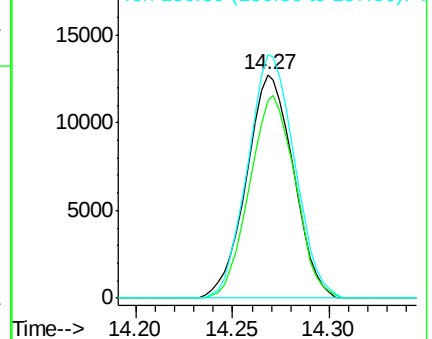


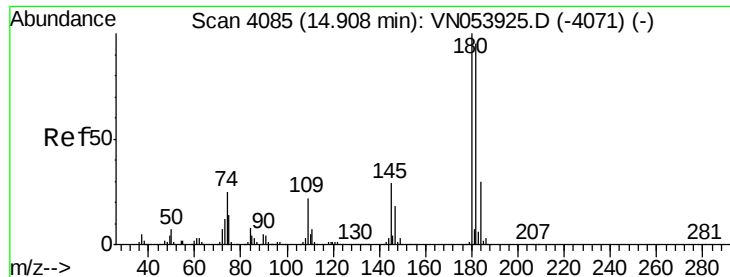
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

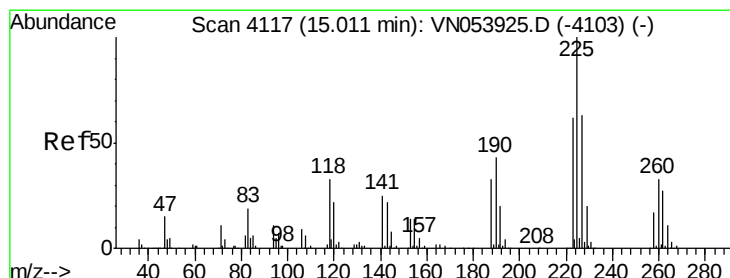
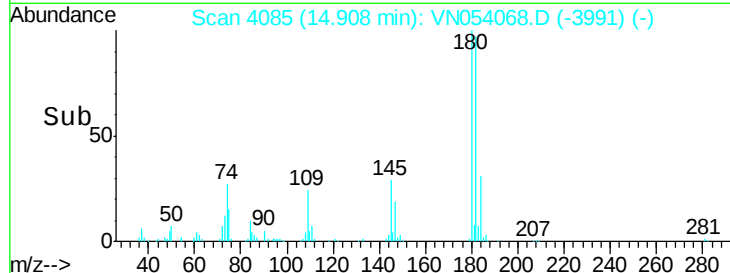
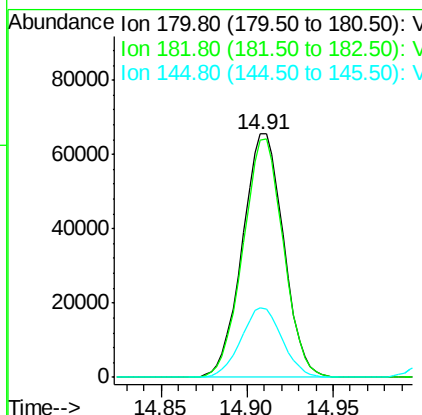
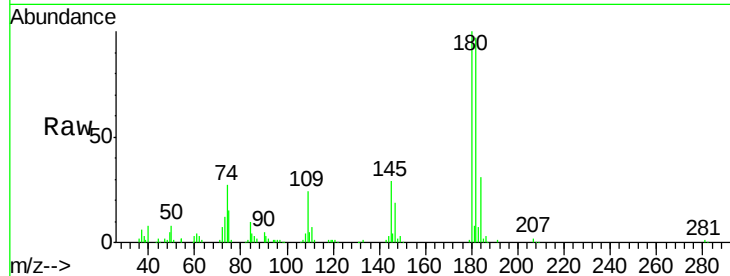
Ion 156.80 (156.50 to 157.50): V





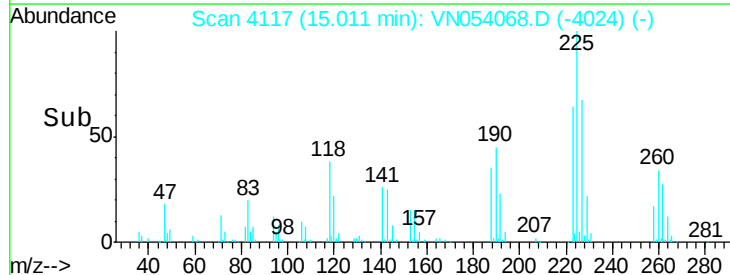
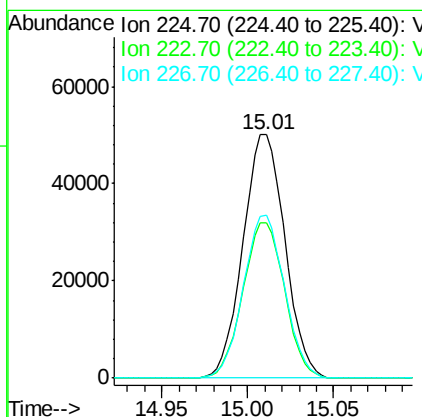
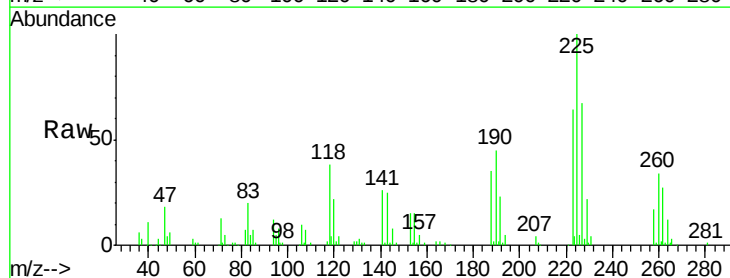
#93
 1,2,4-Trichlorobenzene
 Concen: 17.472 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

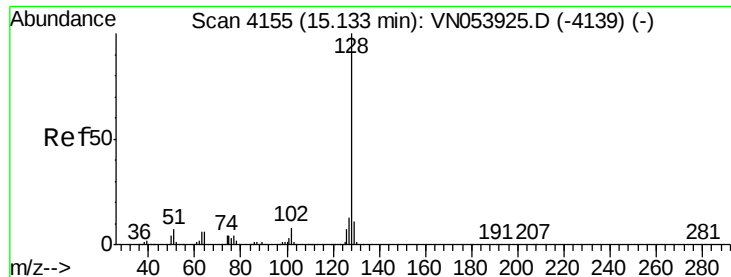
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.6	145.9
145	28.5	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 19.101 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054068.D
 Acq: 4 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.9	92.5
227	65.3	32.5	97.4





#95

Naphthalene

Concen: 16.851 ug/l

RT: 15.13 min Scan# 4155

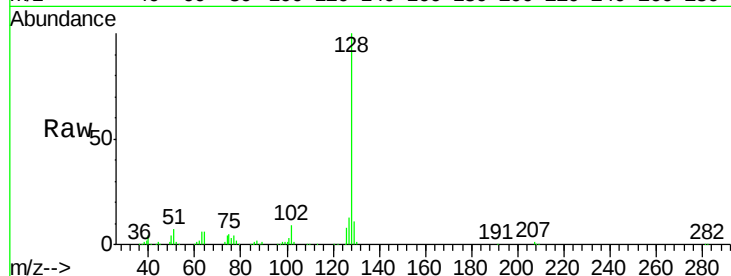
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tot Ion:128 Resp: 214399

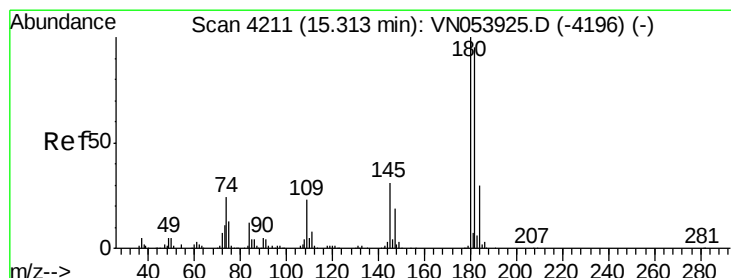
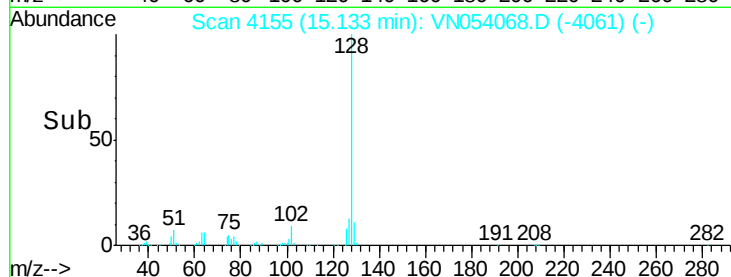
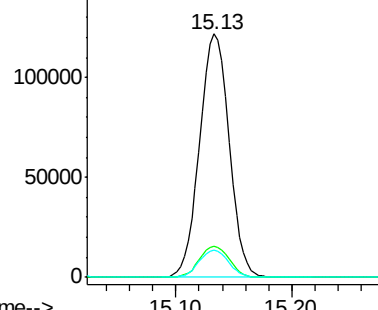
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.3	8.6	12.8



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: 18.017 ug/l

RT: 15.31 min Scan# 4211

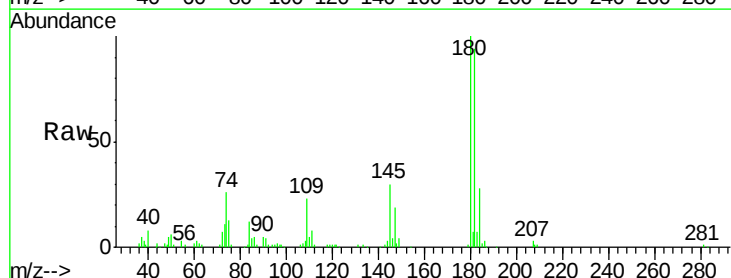
Delta R.T. 0.00 min

Lab File: VN054068.D

Acq: 4 Mar 2019 16:27

Tgt Ion:180 Resp: 111269

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	30.5	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

