

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053436.D
 Acq On : 17 Jan 2019 15:59
 Operator : JC/SP
 Sample : VN0117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Quant Time: Jan 18 00:28:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	802616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1181095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1072361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	535006	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	392912	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.59	113	341799	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	10.09	98	1430741	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	501015	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	127583	19.771	ug/l	100
3) Chloromethane	2.06	50	172385	18.684	ug/l	99
4) Vinyl Chloride	2.19	62	168501	18.946	ug/l	100
5) Bromomethane	2.57	94	116276	19.054	ug/l	100
6) Chloroethane	2.71	64	101786	18.930	ug/l	98
7) Trichlorofluoromethane	3.02	101	230104	19.780	ug/l	99
8) Diethyl Ether	3.41	74	85195	19.499	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	151330	20.541	ug/l	100
10) Methyl Iodide	3.96	142	209681	18.624	ug/l	100
11) Tert butyl alcohol	4.77	59	50146	129.182	ug/l	99
12) 1,1-Dichloroethene	3.74	96	138878	19.435	ug/l	98
13) Acrolein	3.61	56	60421	95.250	ug/l	97
14) Allyl chloride	4.33	41	230455	19.855	ug/l	99
15) Acrylonitrile	4.99	53	268940	105.274	ug/l	100
16) Acetone	3.82	43	193657	104.047	ug/l	99
17) Carbon Disulfide	4.06	76	404355	18.712	ug/l	100
18) Methyl Acetate	4.32	43	129382	20.632	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	392672	20.681	ug/l	98
20) Methylene Chloride	4.55	84	162733	19.151	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	151051	19.772	ug/l	99
22) Diisopropyl ether	5.95	45	487716	20.128	ug/l	96
23) Vinyl Acetate	5.90	43	1538193	103.269	ug/l	100
24) 1,1-Dichloroethane	5.85	63	283280	19.776	ug/l	99
25) 2-Butanone	6.83	43	311799	108.709	ug/l	100
26) 2,2-Dichloropropane	6.83	77	211237	19.531	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	172050	19.694	ug/l	99
28) Bromochloromethane	7.19	49	124839	19.783	ug/l	100
29) Tetrahydrofuran	7.21	42	204720	109.640	ug/l	99
30) Chloroform	7.37	83	281125	20.143	ug/l	99
31) Cyclohexane	7.65	56	269089	19.165	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	232045	19.600	ug/l	99
36) 1,1-Dichloropropene	7.79	75	214834	19.973	ug/l	99
37) Ethyl Acetate	6.93	43	133347	21.548	ug/l	99
38) Carbon Tetrachloride	7.78	117	205171	20.147	ug/l	99

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

39) Methylcyclohexane	9.08	83	268938	20.229	ug/l	100
40) Benzene	8.04	78	657928	20.128	ug/l	97
41) Methacrylonitrile	7.17	41	64895	18.080	ug/l #	81
42) 1,2-Dichloroethane	8.12	62	196135	20.597	ug/l	99
43) Isopropyl Acetate	8.16	43	243790	21.909	ug/l	99
44) Trichloroethene	8.84	130	185629	20.479	ug/l	100
45) 1,2-Dichloropropane	9.12	63	172283	19.899	ug/l	99
46) Dibromomethane	9.21	93	100287	20.162	ug/l	98
47) Bromodichloromethane	9.40	83	212241	20.289	ug/l	100
48) Methyl methacrylate	9.20	41	120734	21.014	ug/l	98
49) 1,4-Dioxane	9.20	88	28832	513.836	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	676897	111.433	ug/l	100
52) Toluene	10.16	92	408782	20.144	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	215013	20.279	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	253900	20.428	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	146717	20.971	ug/l	99
56) Ethyl methacrylate	10.43	69	188287	20.241	ug/l	99
57) 1,3-Dichloropropane	10.71	76	251196	20.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	497991	101.747	ug/l	99
59) 2-Hexanone	10.75	43	476313	111.700	ug/l	99
60) Dibromochloromethane	10.90	129	161453	20.347	ug/l	98
61) 1,2-Dibromoethane	11.01	107	145144	20.513	ug/l	99
64) Tetrachloroethene	10.63	164	208500	20.632	ug/l	98
65) Chlorobenzene	11.43	112	459266	20.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	160447	20.319	ug/l	99
67) Ethyl Benzene	11.51	91	780793	20.184	ug/l	100
68) m/p-Xylenes	11.62	106	607355	41.585	ug/l	100
69) o-Xylene	11.95	106	292885	20.638	ug/l	99
70) Styrene	11.96	104	482087	20.930	ug/l	99
71) Bromoform	12.13	173	115670	21.278	ug/l #	97
73) Isopropylbenzene	12.25	105	789013	20.139	ug/l	100
74) N-amyl acetate	12.07	43	216818	20.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	169848	20.671	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	152545m	21.636	ug/l	
77) Bromobenzene	12.53	156	207202	20.070	ug/l	99
78) n-propylbenzene	12.59	91	924953	20.567	ug/l	99
79) 2-Chlorotoluene	12.68	91	531837	19.951	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	653431	20.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50459	19.728	ug/l	96
82) 4-Chlorotoluene	12.77	91	553972	20.378	ug/l	100
83) tert-Butylbenzene	12.99	119	575070	20.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	667924	20.781	ug/l	100
85) sec-Butylbenzene	13.17	105	799992	20.719	ug/l	100
86) p-Isopropyltoluene	13.29	119	697626	20.808	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	371673	20.467	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	369850	20.304	ug/l	99
89) n-Butylbenzene	13.62	91	589743	20.636	ug/l	99
90) Hexachloroethane	13.88	117	103158	19.619	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	352188	21.080	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24751	23.756	ug/l	97

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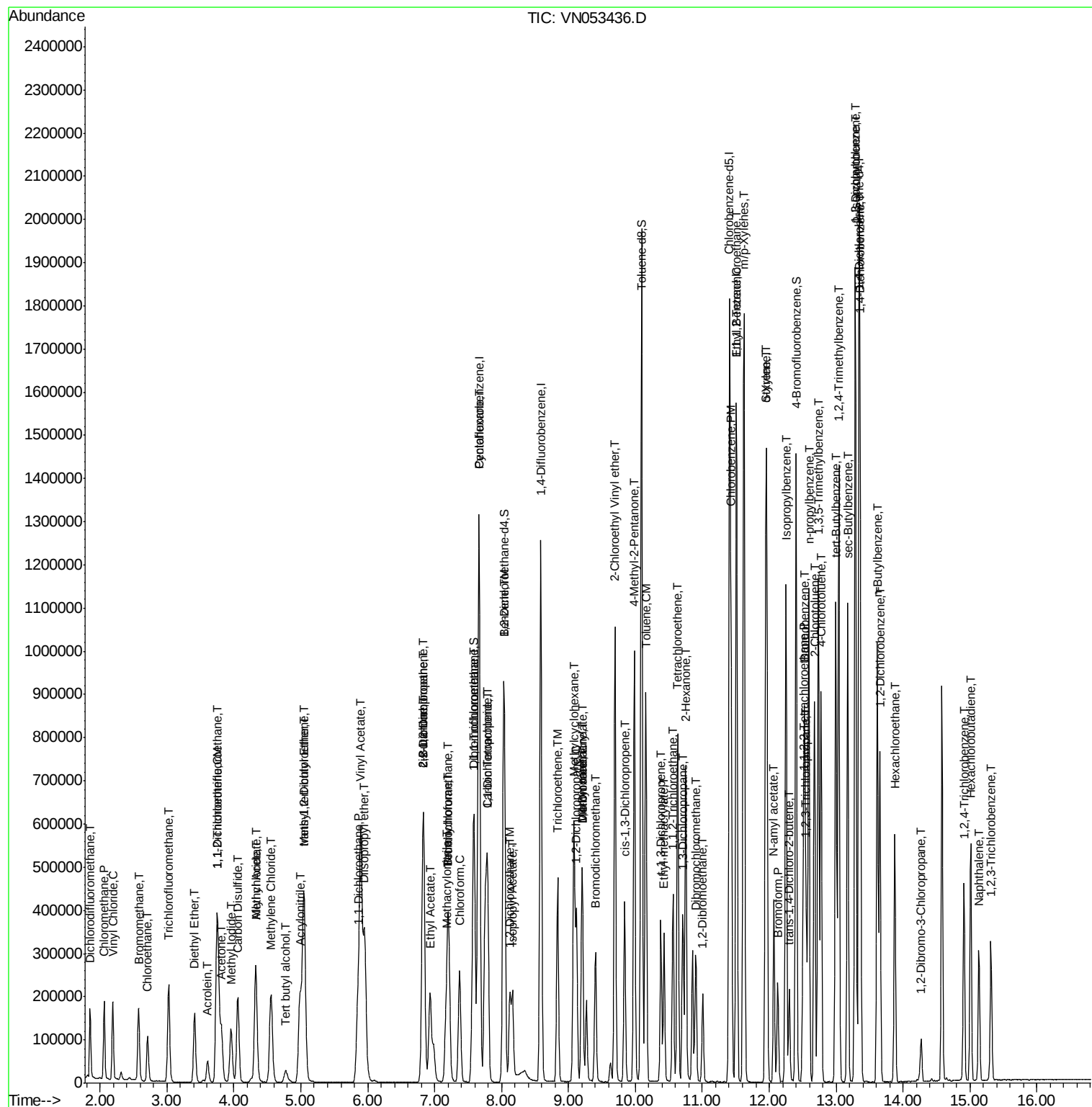
Quant Time: Jan 18 00:28:42 2019
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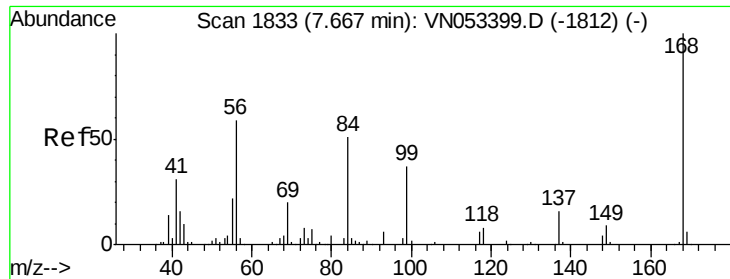
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	159161	23.163	ug/l	99
94) Hexachlorobutadiene	15.01	225	120232	23.070	ug/l	98
95) Naphthalene	15.13	128	267547	22.996	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	123166	24.955	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053436.D

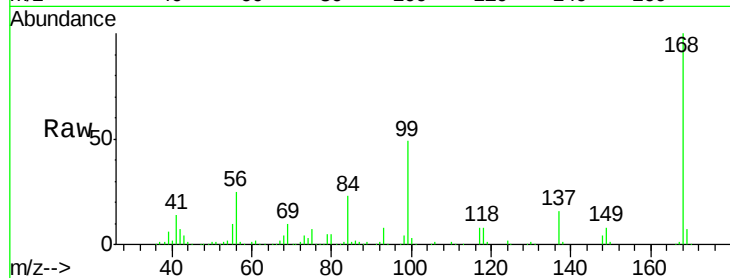
Acq: 17 Jan 2019 15:59

Tot Ion:168 Resp: 802616

Ion Ratio Lower Upper

168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

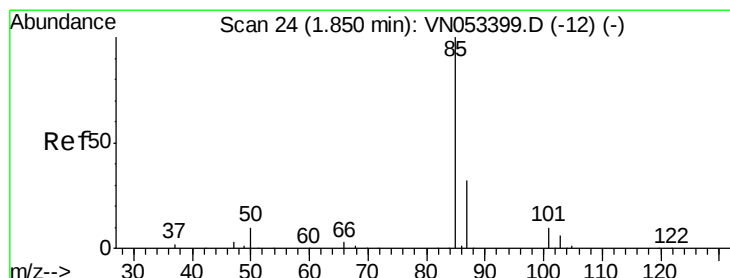
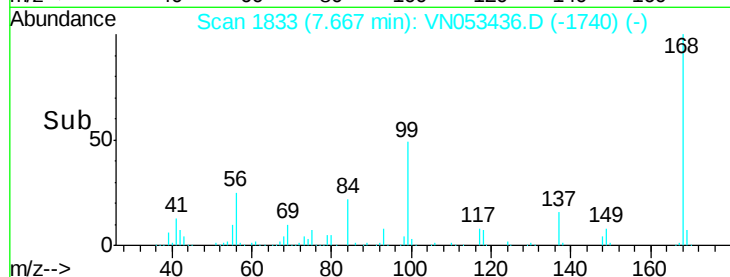
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.771 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053436.D

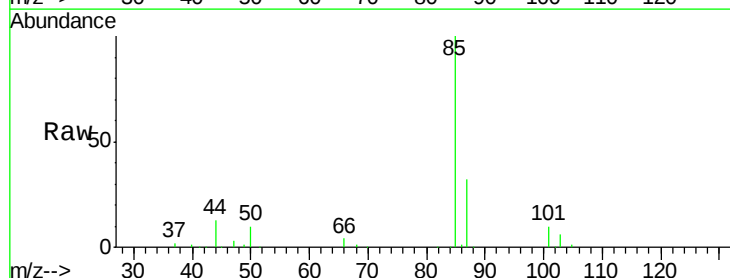
Acq: 17 Jan 2019 15:59

Tgt Ion: 85 Resp: 127583

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

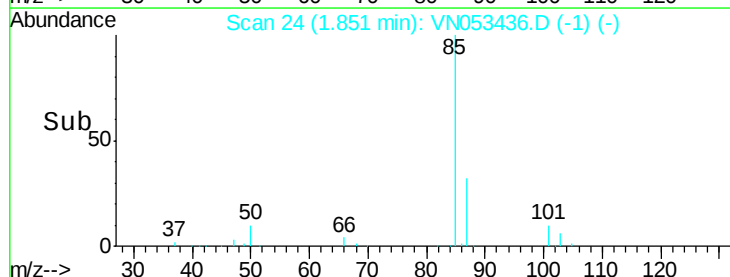
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.684 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053436.D

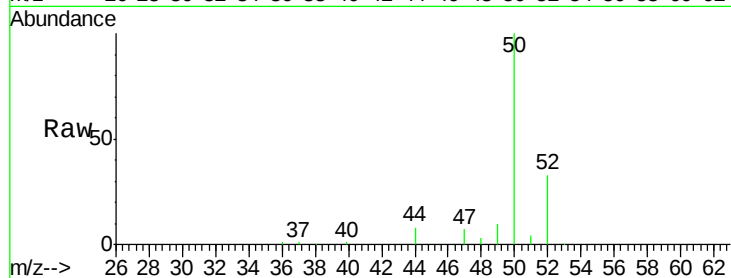
Acq: 17 Jan 2019 15:59

Tot Ion: 50 Resp: 172385

Ion Ratio Lower Upper

50 100

52 32.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

120000

100000

80000

60000

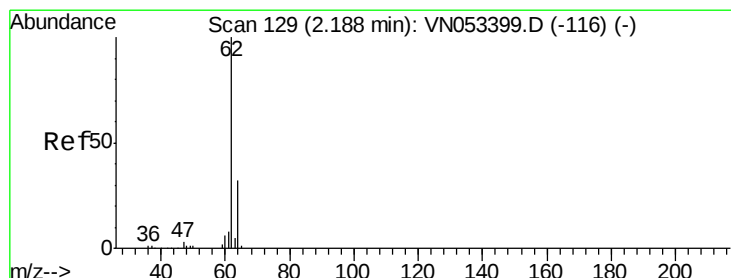
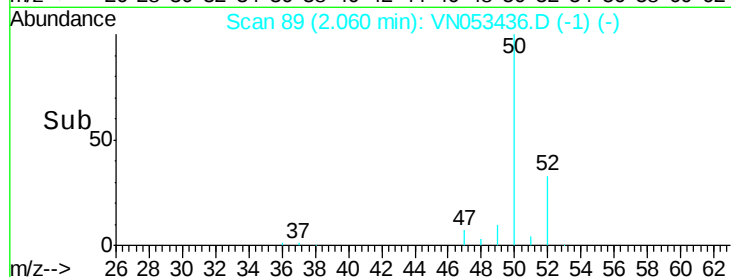
40000

20000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 18.946 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053436.D

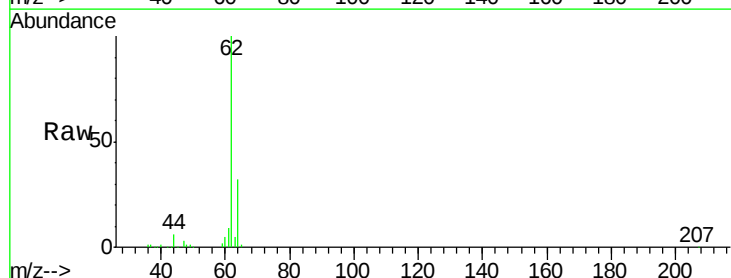
Acq: 17 Jan 2019 15:59

Tgt Ion: 62 Resp: 168501

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

120000

100000

80000

60000

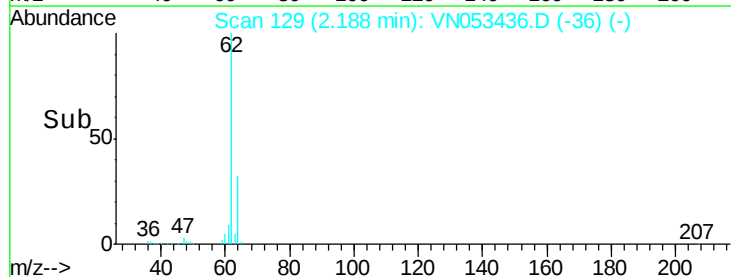
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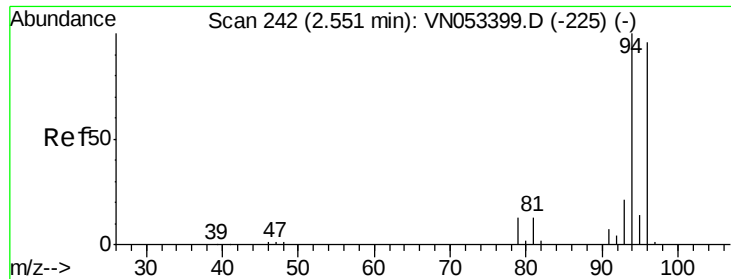
20000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 19.054 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.02 min

Lab File: VN053436.D

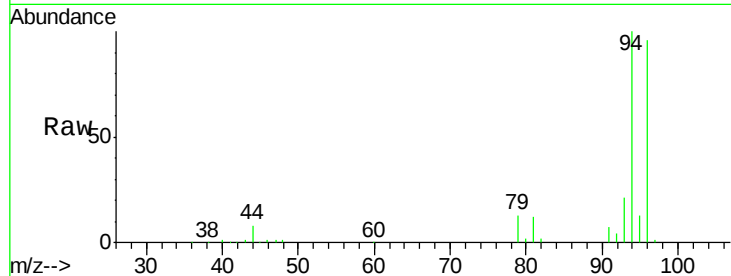
Acq: 17 Jan 2019 15:59

Tot Ion: 94 Resp: 116276

Ion Ratio Lower Upper

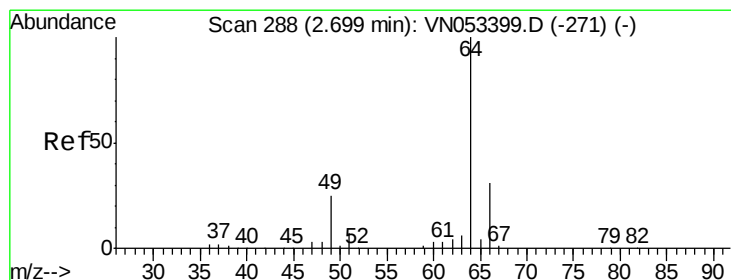
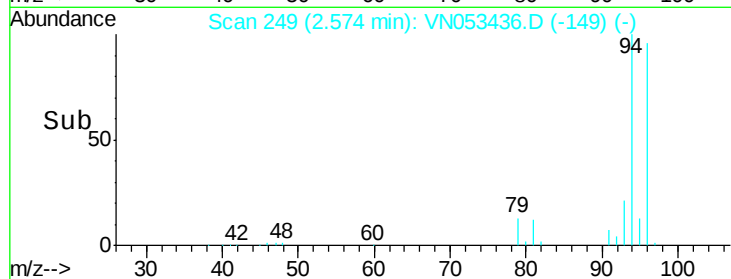
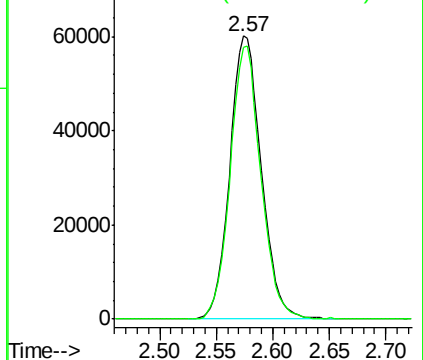
94 100

96 96.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.930 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN053436.D

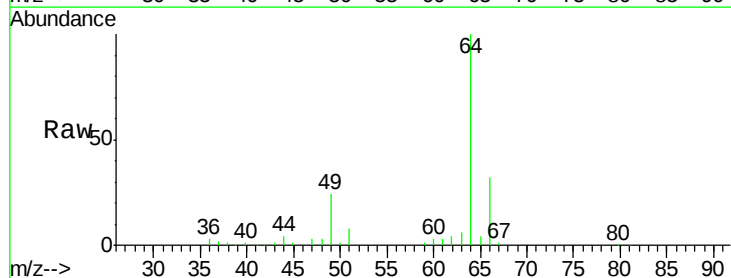
Acq: 17 Jan 2019 15:59

Tgt Ion: 64 Resp: 101786

Ion Ratio Lower Upper

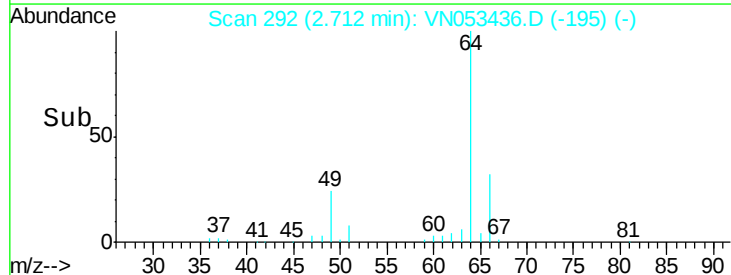
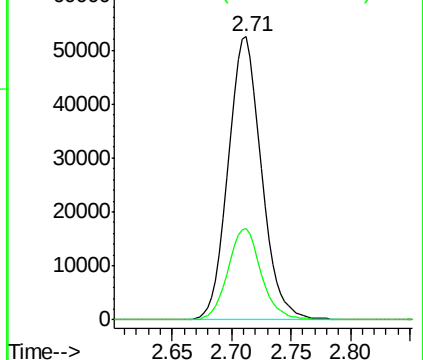
64 100

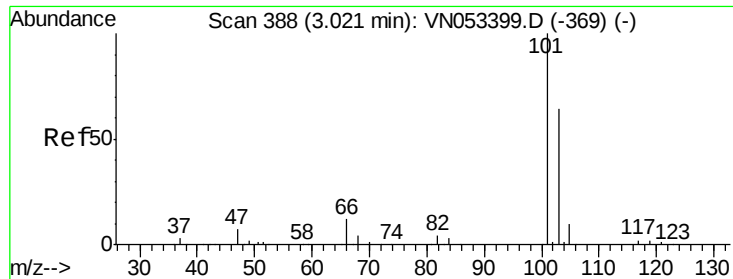
66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

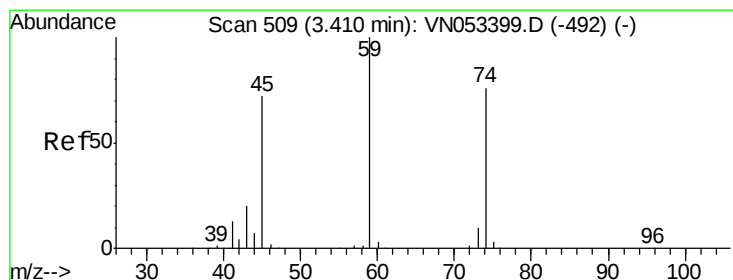
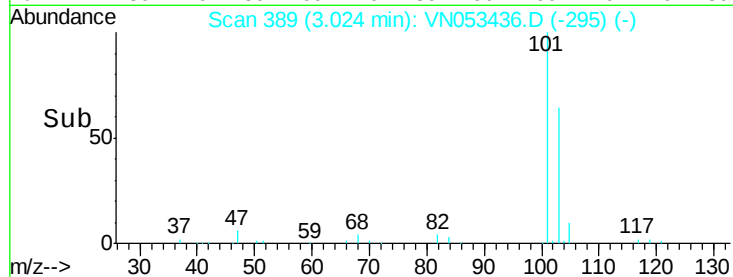
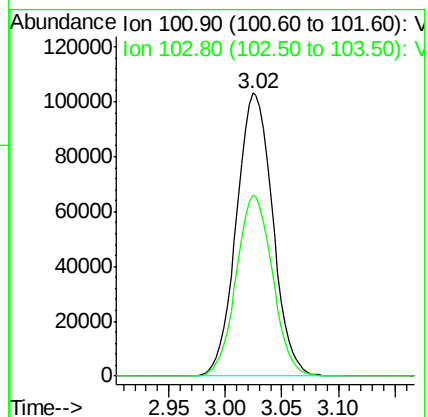
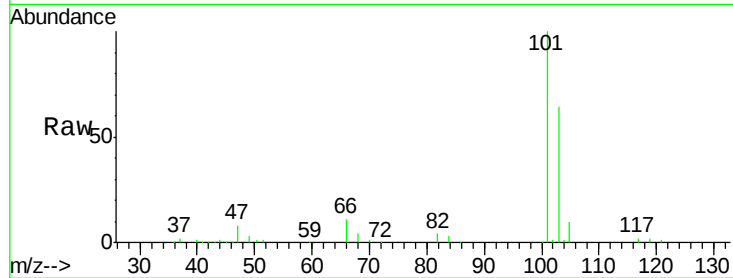




#7

Trichlorofluoromethane
Concen: 19.780 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

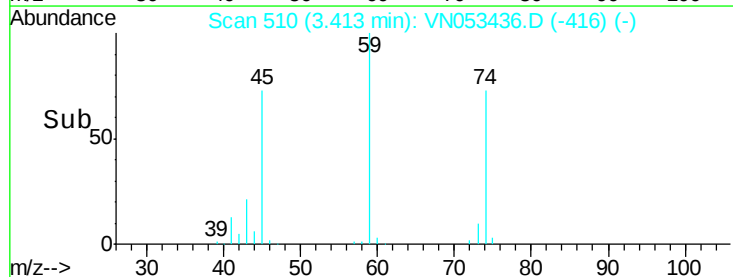
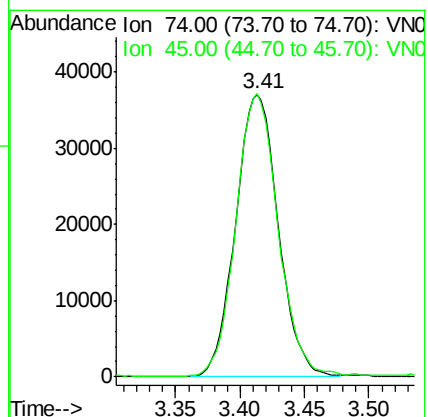
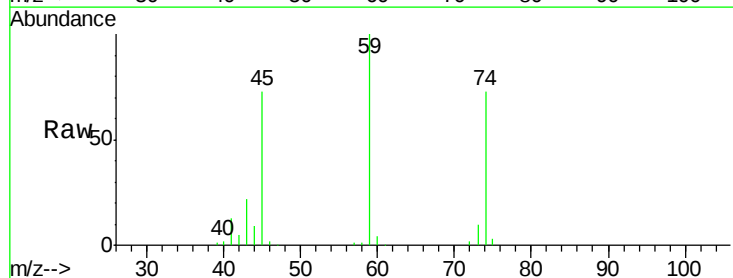
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.6	77.4

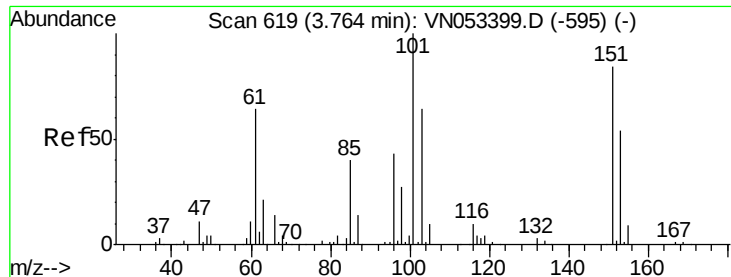


#8

Diethyl Ether
Concen: 19.499 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

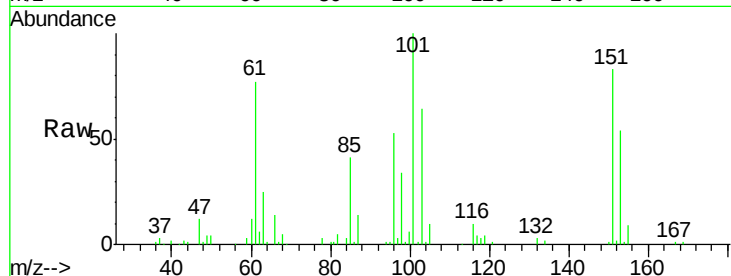
Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	47.9	143.7



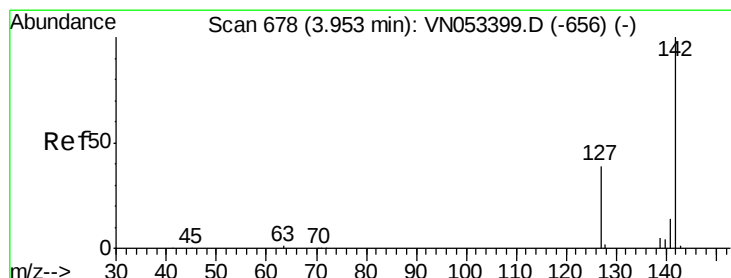
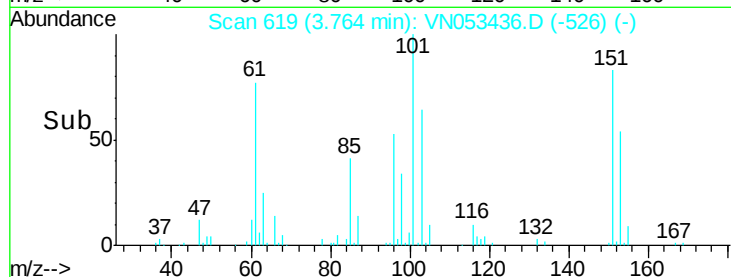
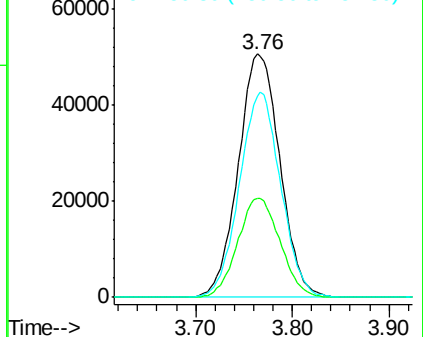


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.541 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN053436.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	41.3	32.8	49.2
151	83.5	66.9	100.3

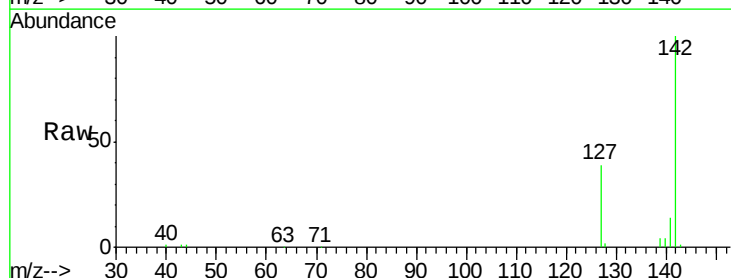


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

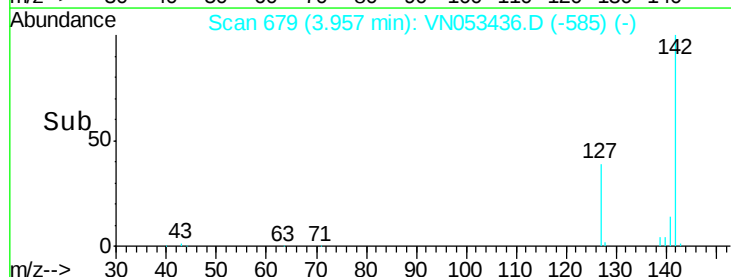
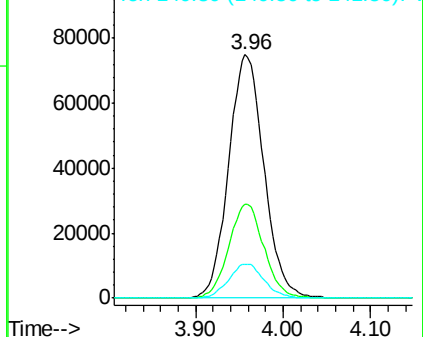


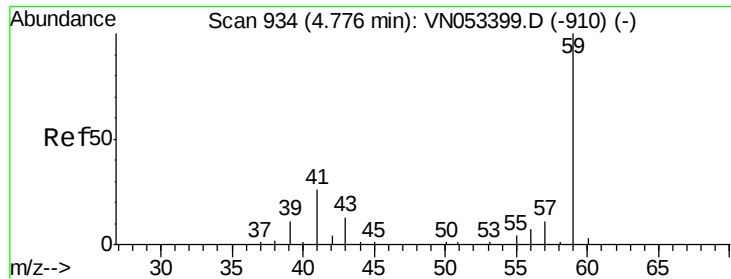
#10
 Methyl Iodide
 Concen: 18.624 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.5	31.0	46.4
141	14.1	11.1	16.7



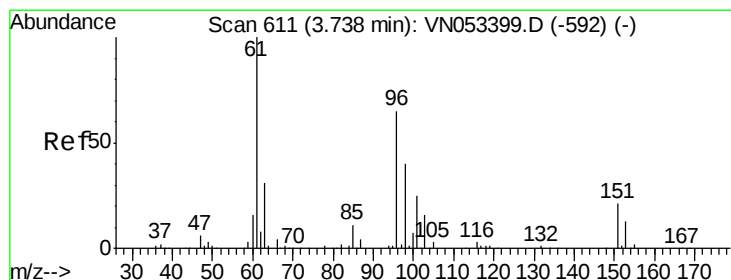
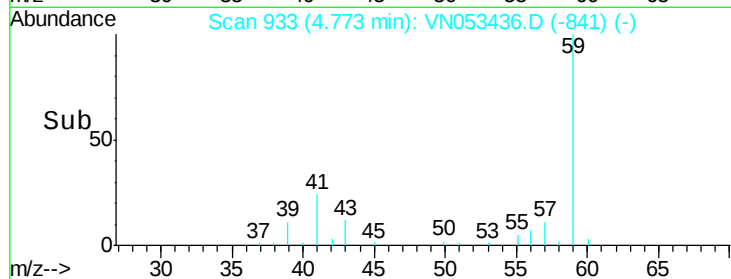
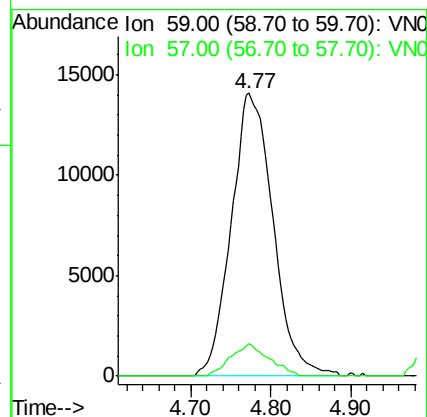
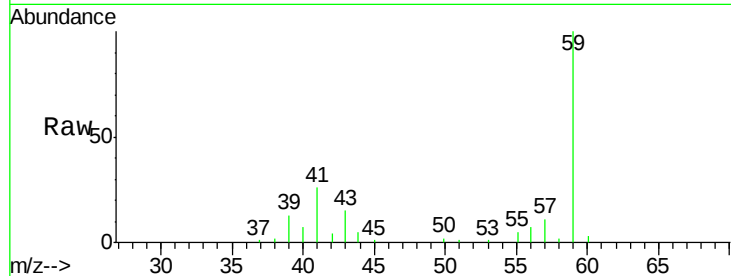
Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





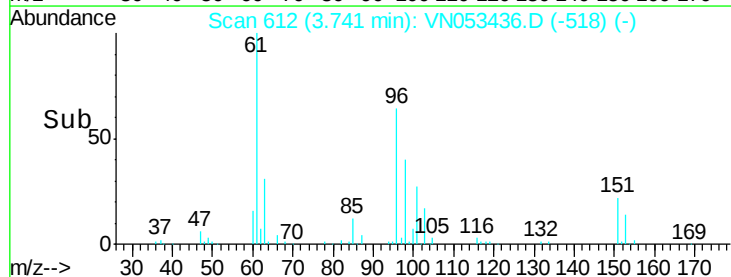
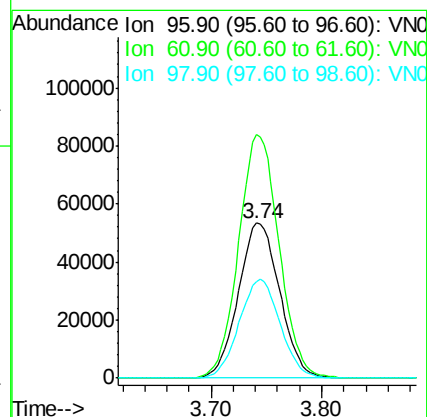
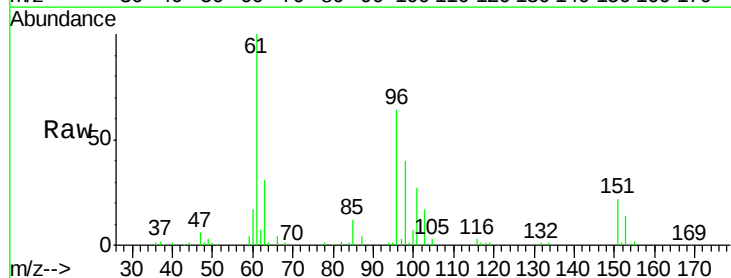
#11
Tert butyl alcohol
Concen: 129.182 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

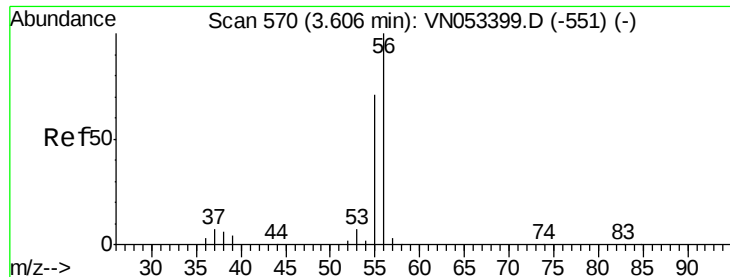
Tot Ion: 59 Resp: 50146
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.435 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion: 96 Resp: 138878
Ion Ratio Lower Upper
96 100
61 157.3 122.9 184.3
98 62.6 49.4 74.0





#13

Acrolein

Concen: 95.250 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053436.D

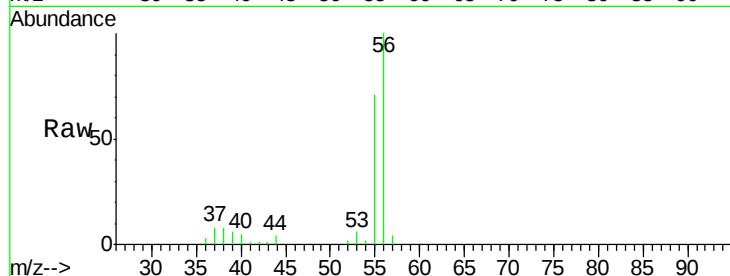
Acq: 17 Jan 2019 15:59

Tot Ion: 56 Resp: 60421

Ion Ratio Lower Upper

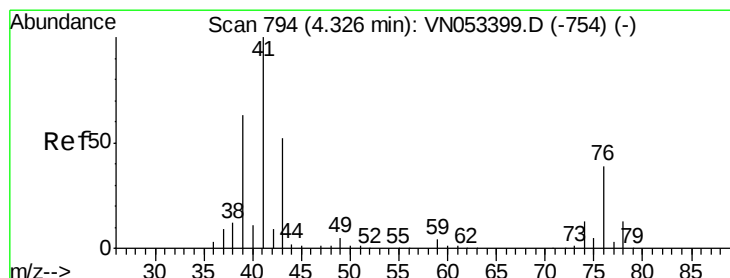
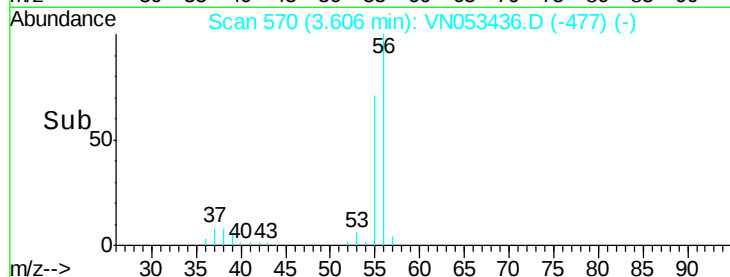
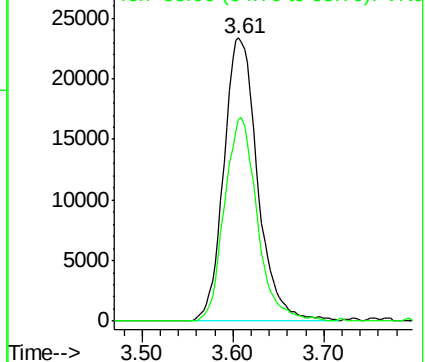
56 100

55 69.5 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.855 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

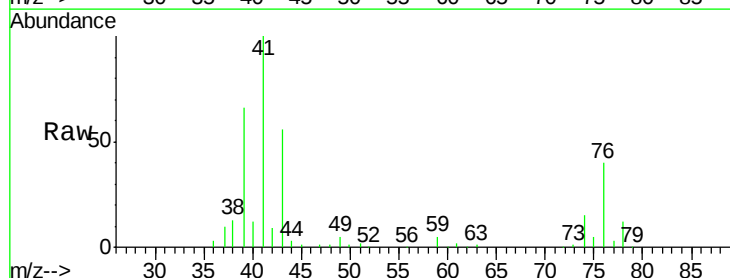
Tgt Ion: 41 Resp: 230455

Ion Ratio Lower Upper

41 100

39 59.7 48.9 73.3

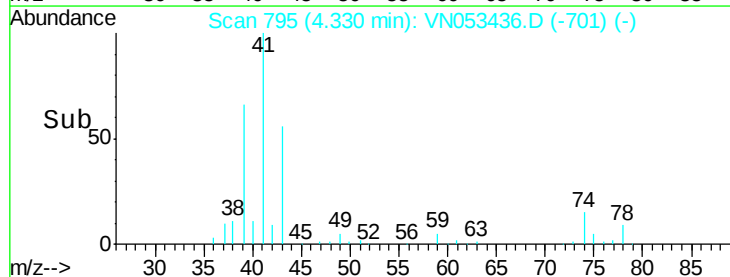
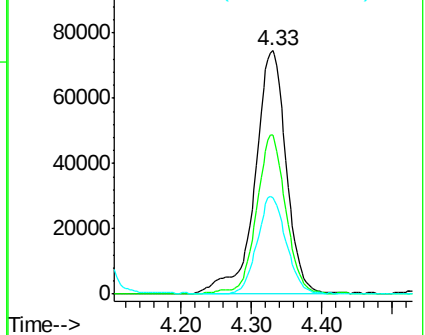
76 37.1 29.4 44.2



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: 105.274 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

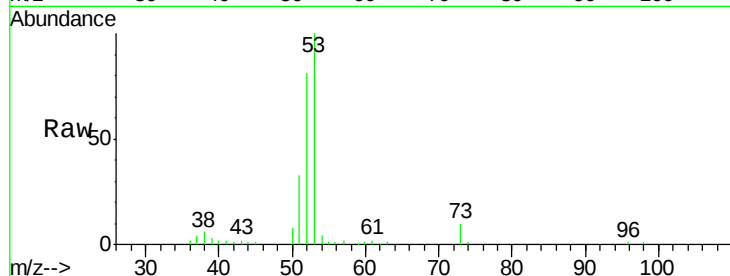
Tot Ion: 53 Resp: 268940

Ion Ratio Lower Upper

53 100

52 82.2 66.0 99.0

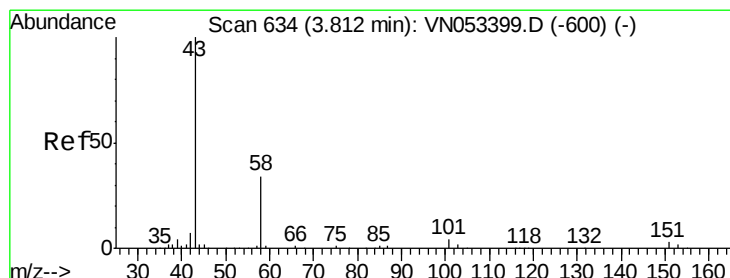
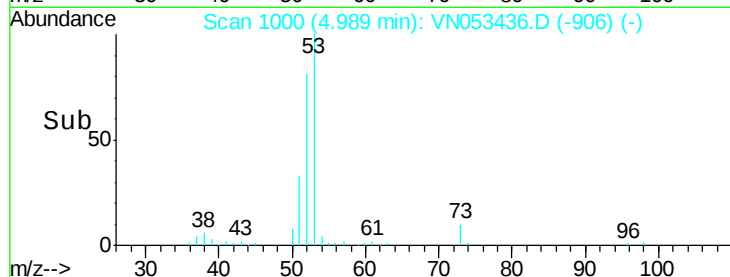
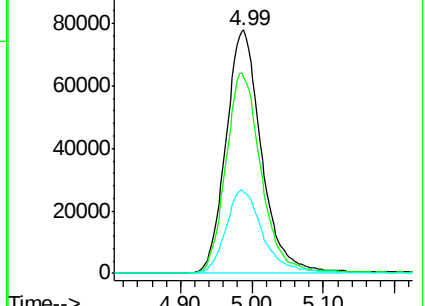
51 35.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN053399.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053399.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053399.D (-974) (-)



#16

Acetone

Concen: 104.047 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053436.D

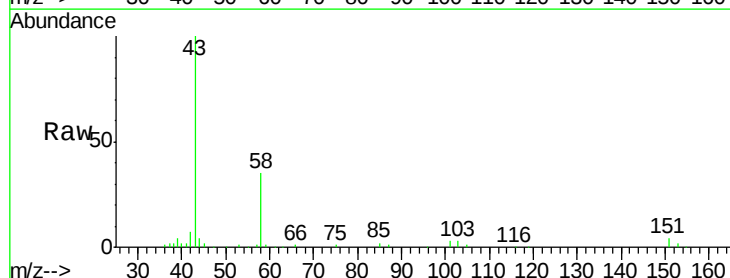
Acq: 17 Jan 2019 15:59

Tgt Ion: 43 Resp: 193657

Ion Ratio Lower Upper

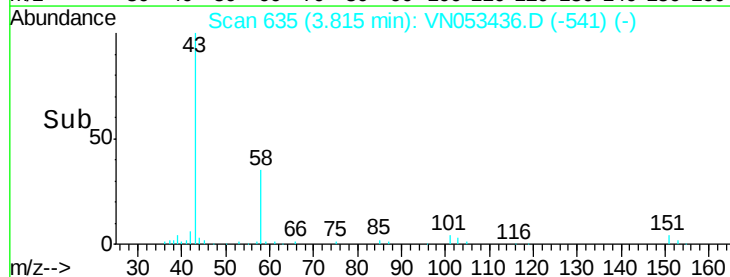
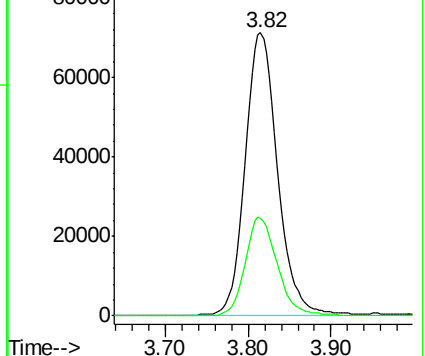
43 100

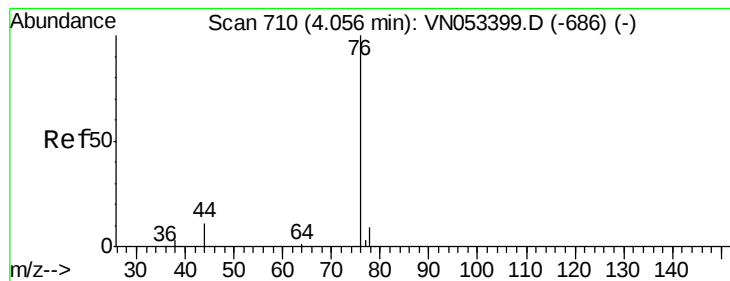
58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)





#17

Carbon Disulfide

Concen: 18.712 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053436.D

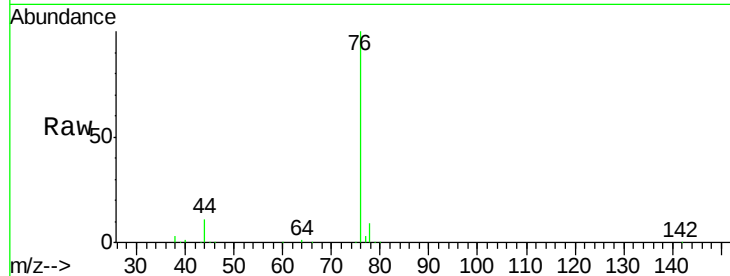
Acq: 17 Jan 2019 15:59

Tot Ion: 76 Resp: 404355

Ion Ratio Lower Upper

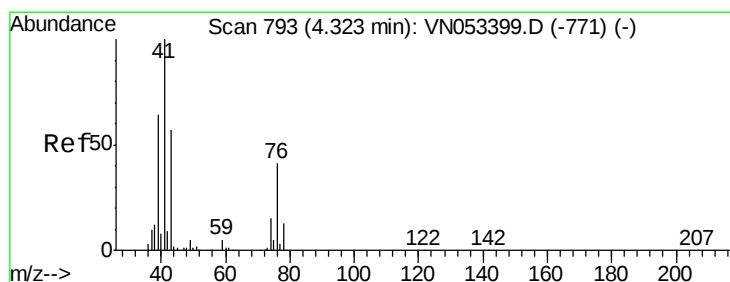
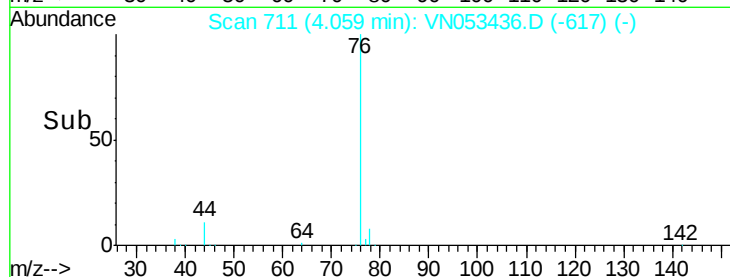
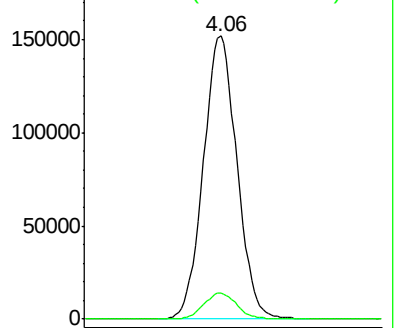
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.632 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053436.D

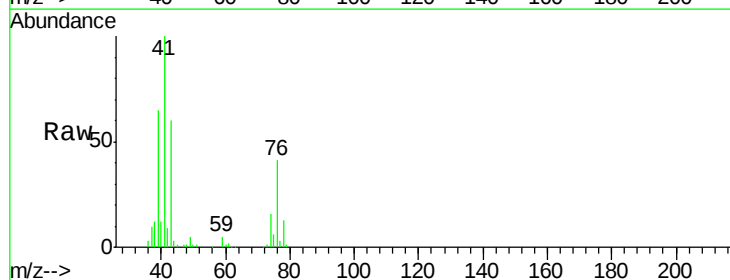
Acq: 17 Jan 2019 15:59

Tgt Ion: 43 Resp: 129382

Ion Ratio Lower Upper

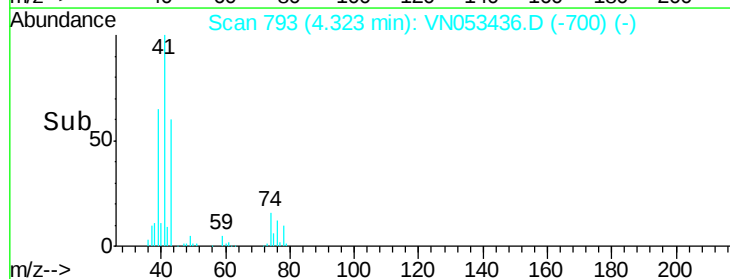
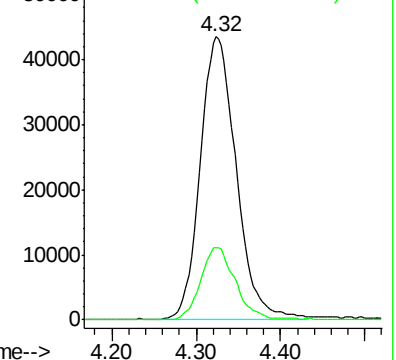
43 100

74 24.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

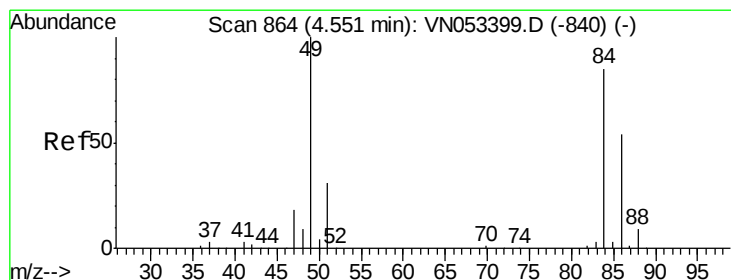
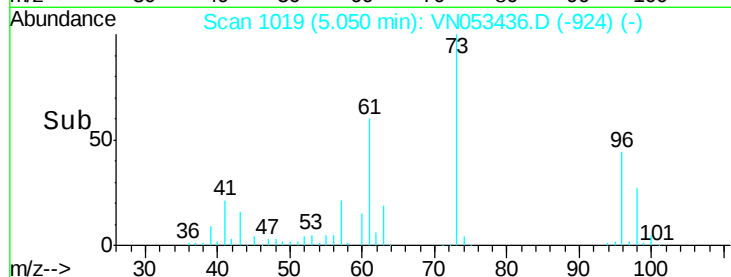
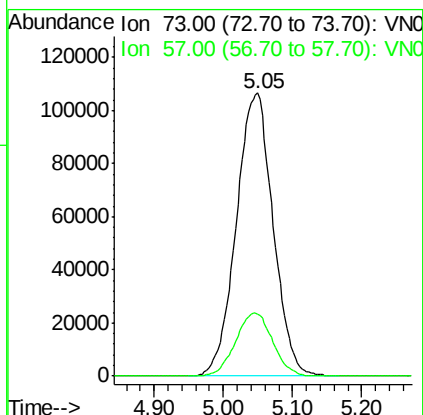
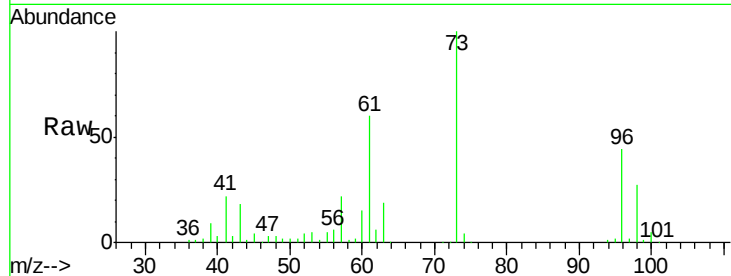




#19

Methyl tert-butyl Ether
 Concen: 20.681 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

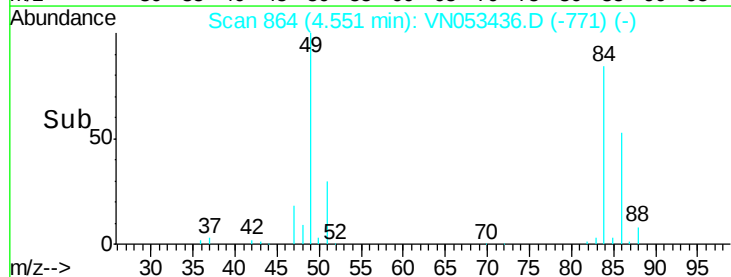
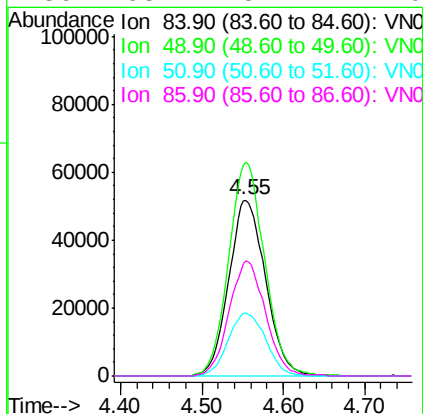
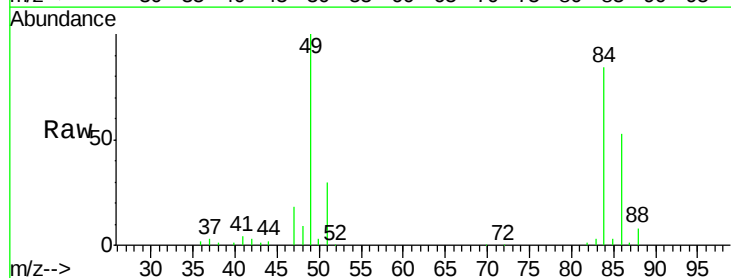
Tot Ion: 73 Resp: 392672
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.3 27.5

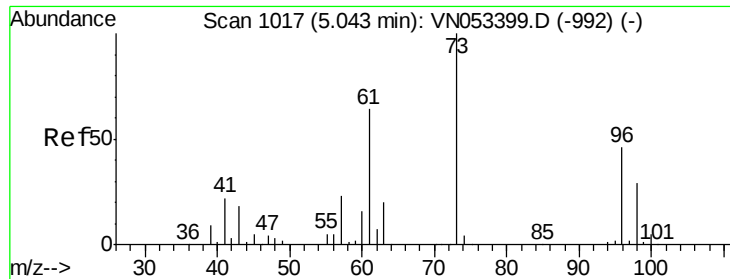


#20

Methylene Chloride
 Concen: 19.151 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tgt Ion: 84 Resp: 162733
 Ion Ratio Lower Upper
 84 100
 49 119.7 94.3 141.5
 51 35.5 29.4 44.2
 86 63.7 51.4 77.0

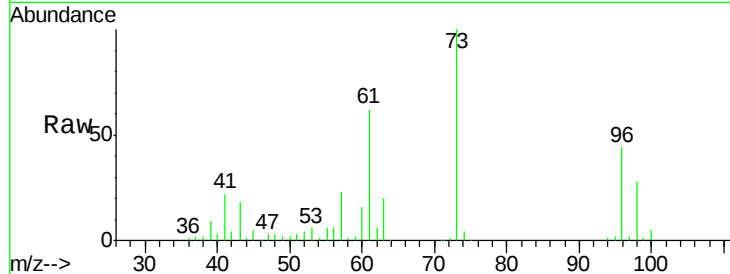




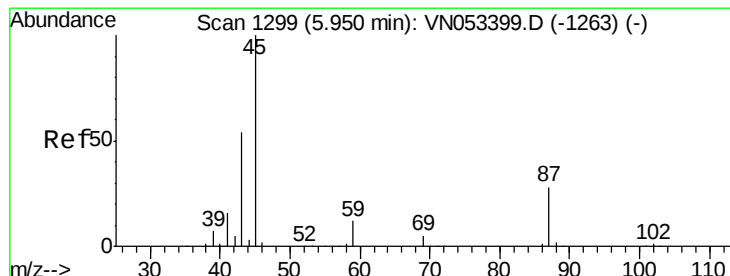
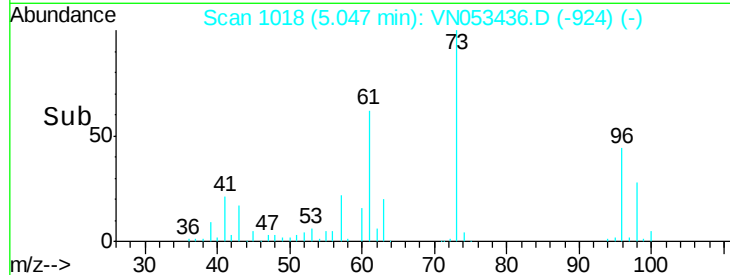
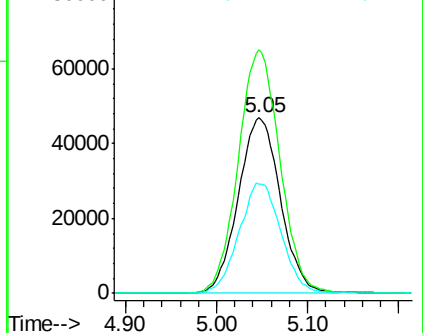
#21

trans-1,2-Dichloroethene
Concen: 19.772 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	110.1	165.1
98	62.4	50.0	75.0



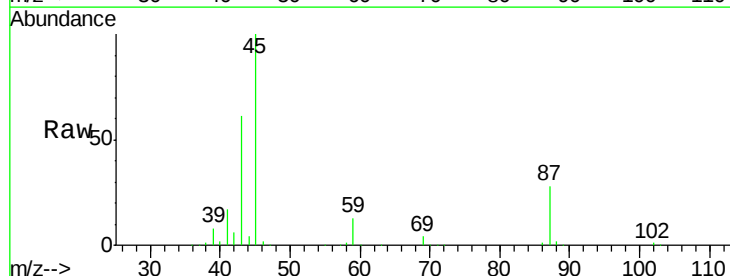
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



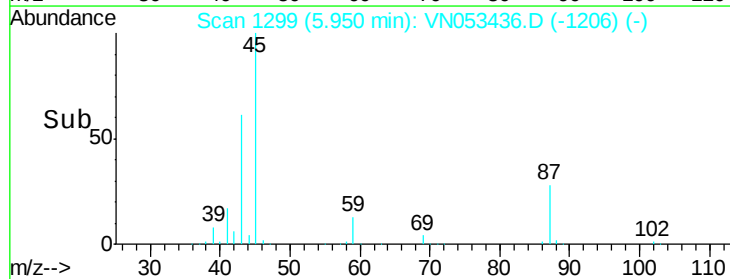
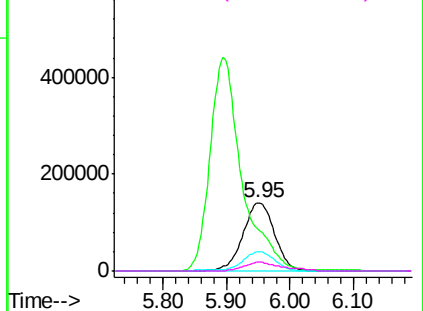
#22

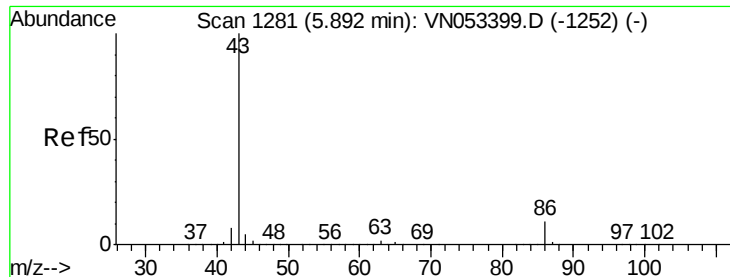
Diisopropyl ether
Concen: 20.128 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.7	44.2	66.4
87	27.9	22.7	34.1
59	12.9	9.4	14.2



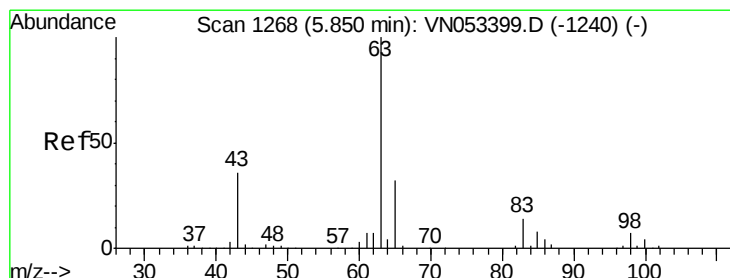
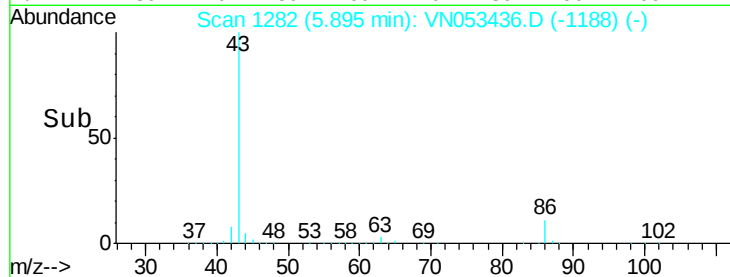
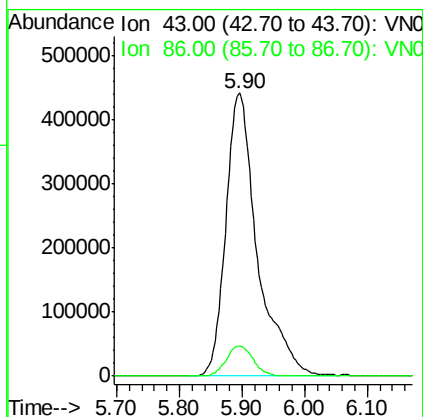
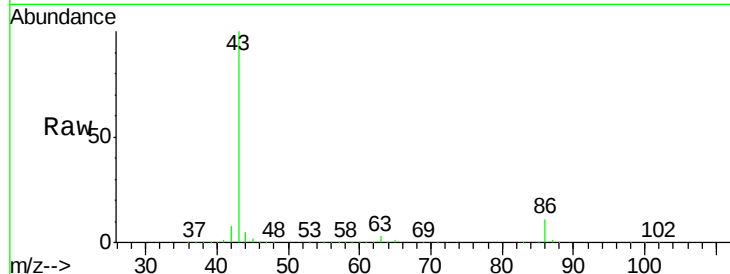
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





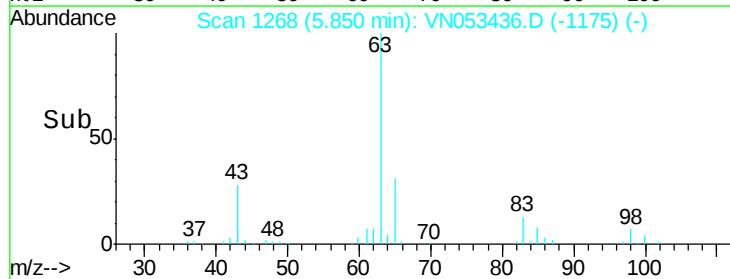
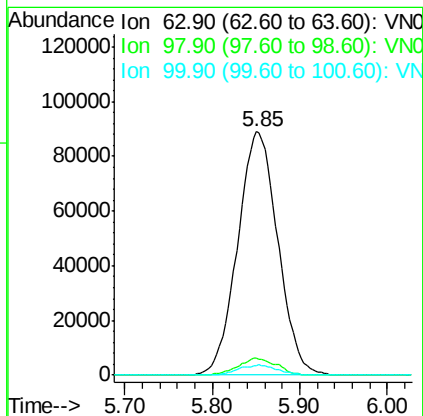
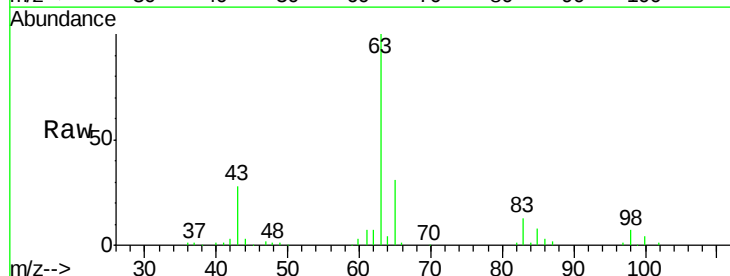
#23
 Vinyl Acetate
 Concen: 103.269 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

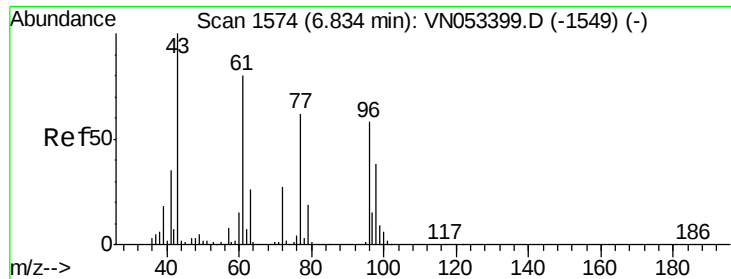
Tot Ion: 43 Resp: 1538193
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.776 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

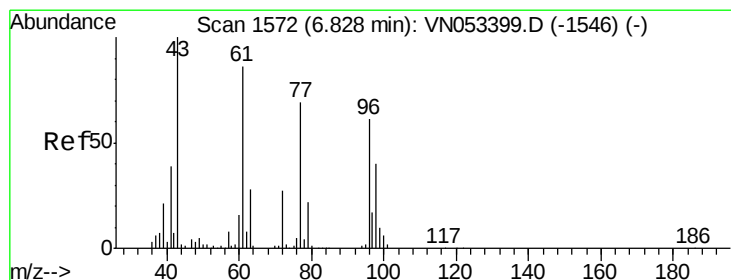
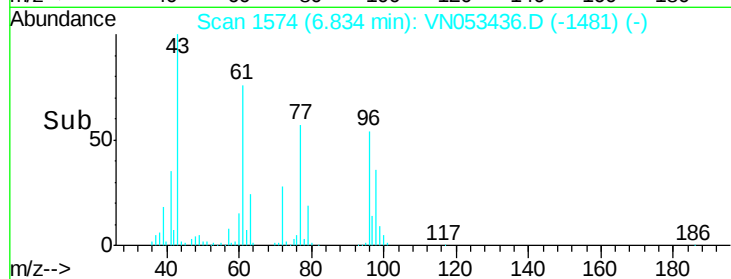
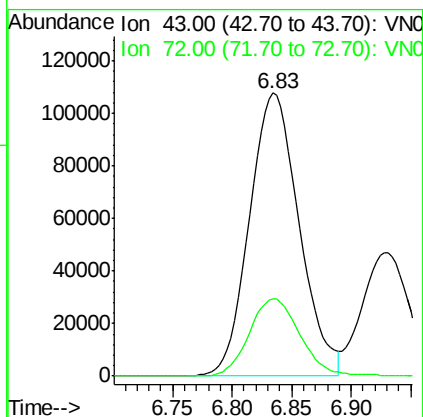
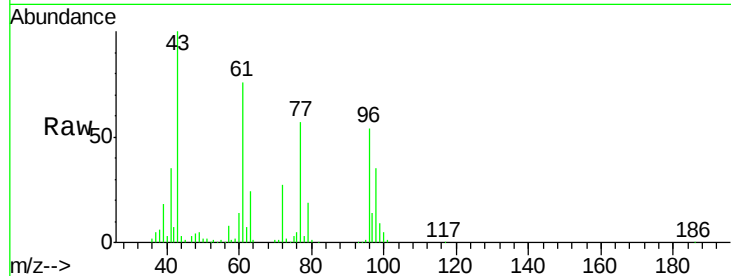
Tgt Ion: 63 Resp: 283280
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.0 2.1 6.5





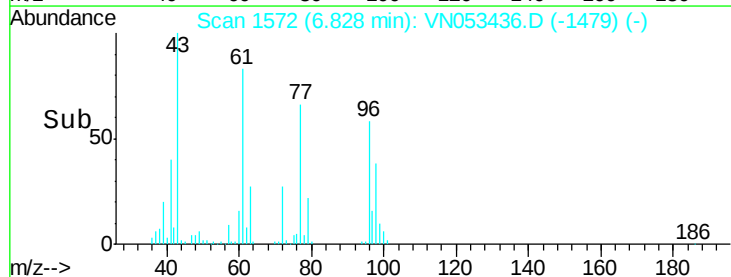
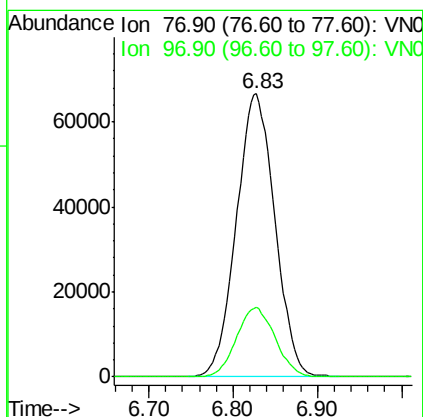
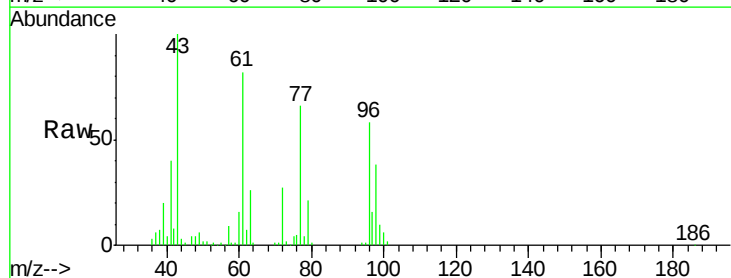
#25
2-Butanone
Concen: 108.709 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

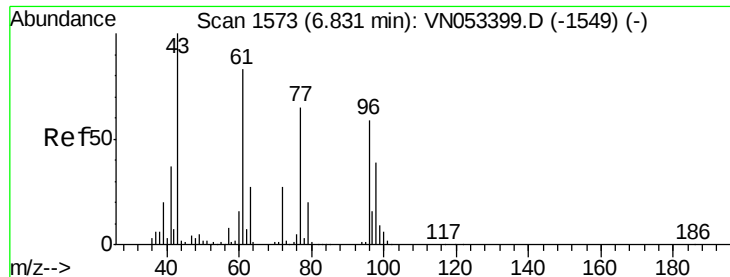
Tot Ion: 43 Resp: 311799
Ion Ratio Lower Upper
43 100
72 27.4 22.0 33.0



#26
2,2-Dichloropropane
Concen: 19.531 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion: 77 Resp: 211237
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.694 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

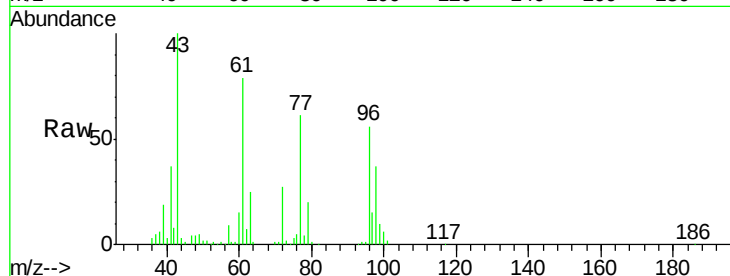
Tot Ion: 96 Resp: 172050

Ion Ratio Lower Upper

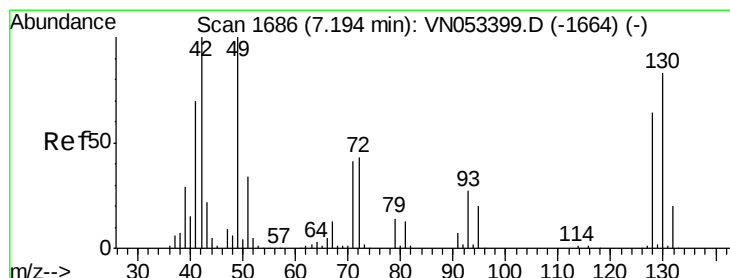
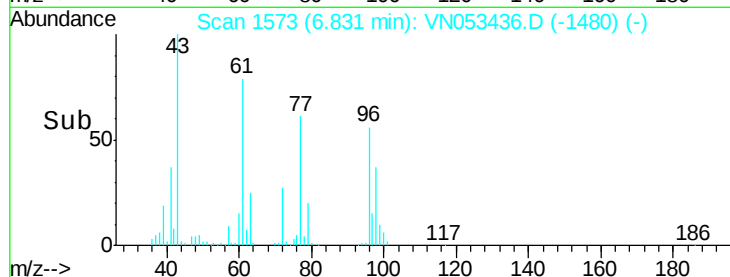
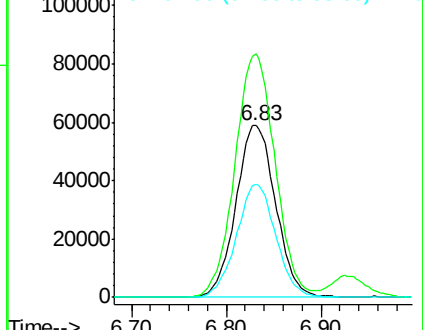
96 100

61 143.0 0.0 283.8

98 65.1 0.0 129.2



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



#28

Bromochloromethane

Concen: 19.783 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

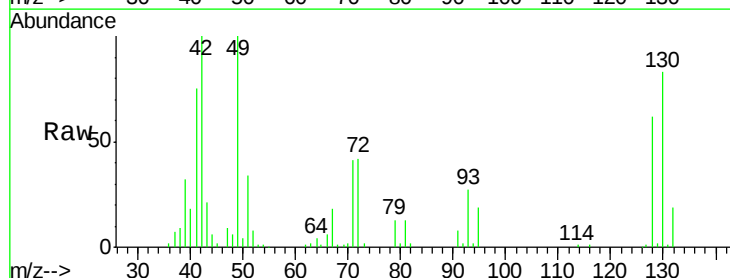
Tgt Ion: 49 Resp: 124839

Ion Ratio Lower Upper

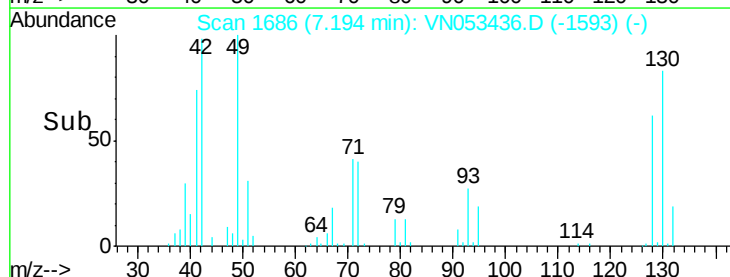
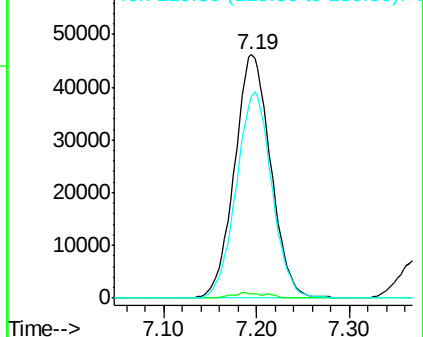
49 100

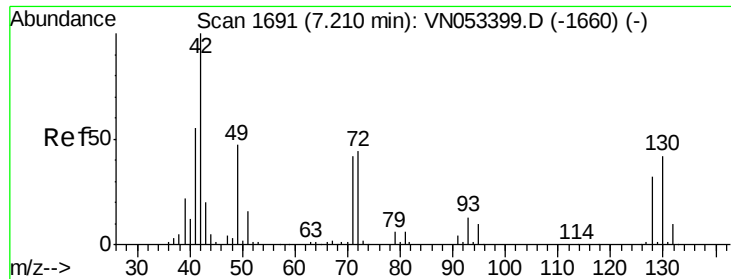
129 1.5 0.0 4.0

130 83.2 66.3 99.5



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: 109.640 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

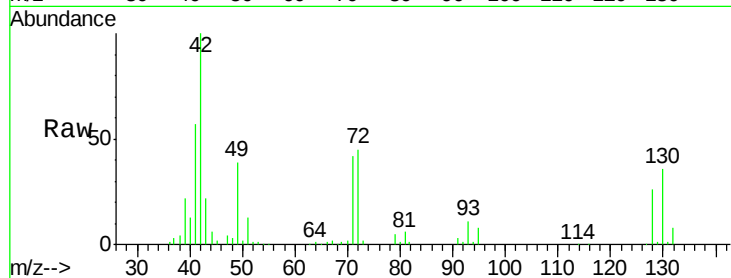
Tot Ion: 42 Resp: 204720

Ion Ratio Lower Upper

42 100

72 43.5 35.2 52.8

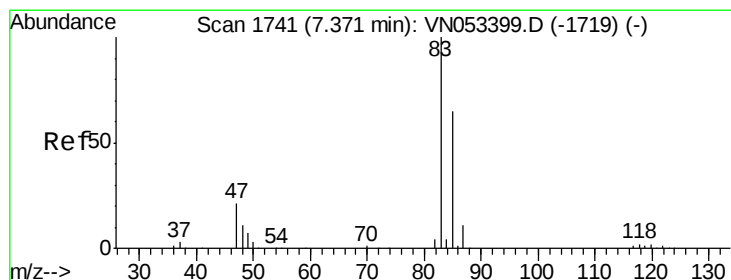
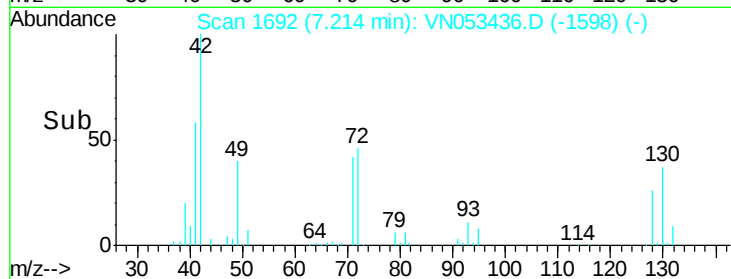
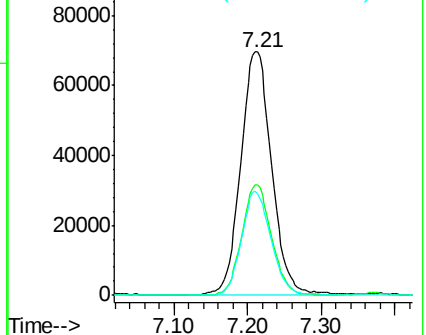
71 40.6 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN053399.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN053399.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN053399.D (-1660) (-)



#30

Chloroform

Concen: 20.143 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053436.D

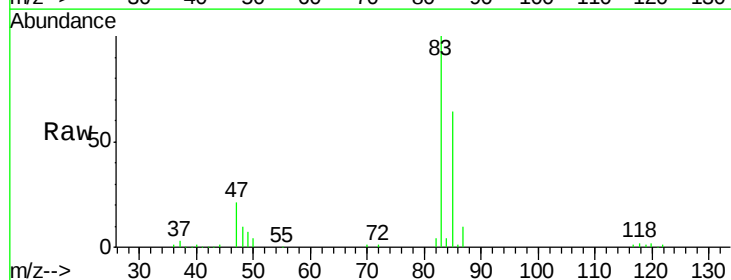
Acq: 17 Jan 2019 15:59

Tgt Ion: 83 Resp: 281125

Ion Ratio Lower Upper

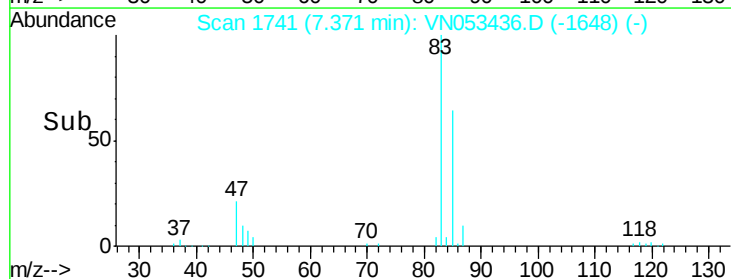
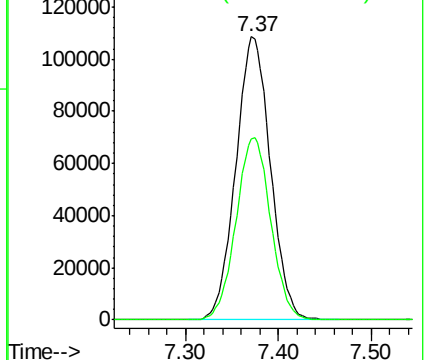
83 100

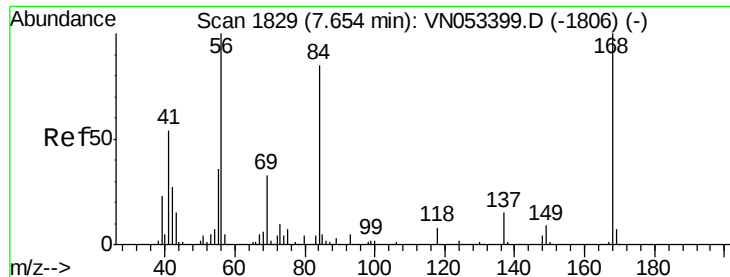
85 64.1 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN053399.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN053399.D (-1719) (-)





#31

Cyclohexane

Concen: 19.165 ug/l

RT: 7.65 min Scan# 1829

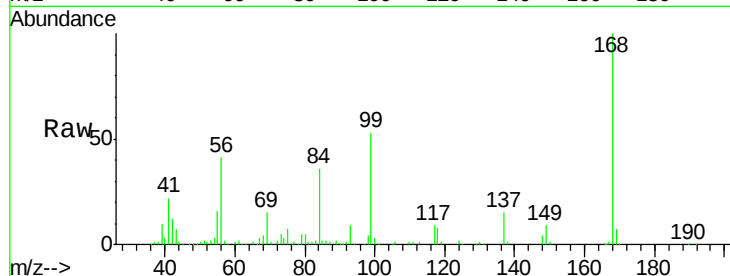
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion: 56 Resp: 269089

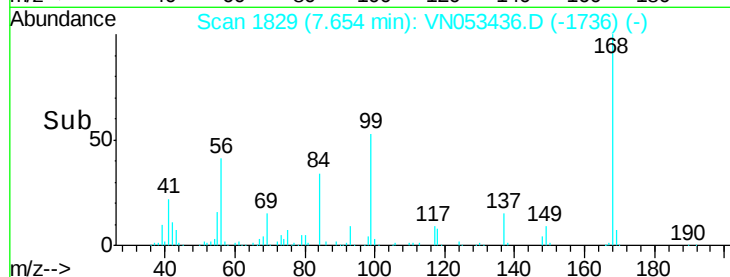
Ion	Ratio	Lower	Upper
56	100		
69	37.3	26.4	39.6
84	85.5	67.9	101.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

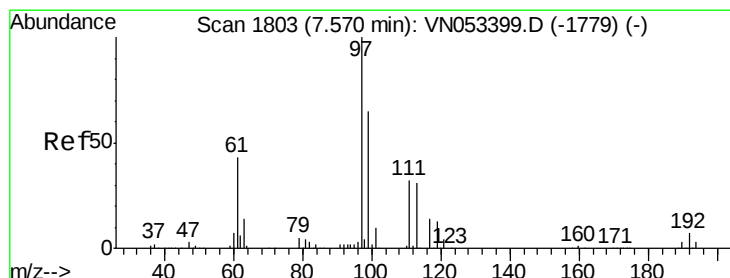
Ion 84.00 (83.70 to 84.70): VN0



Abundance

7.65

Time-->



#32

1,1,1-Trichloroethane

Concen: 19.600 ug/l

RT: 7.57 min Scan# 1804

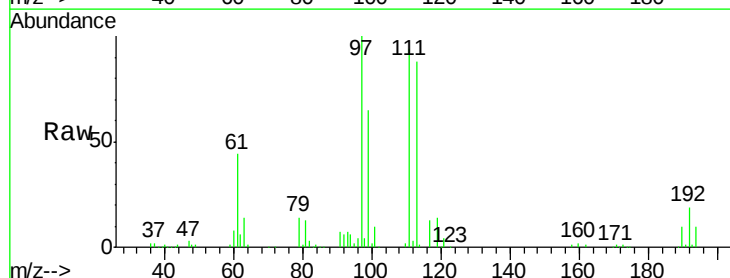
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion: 97 Resp: 232045

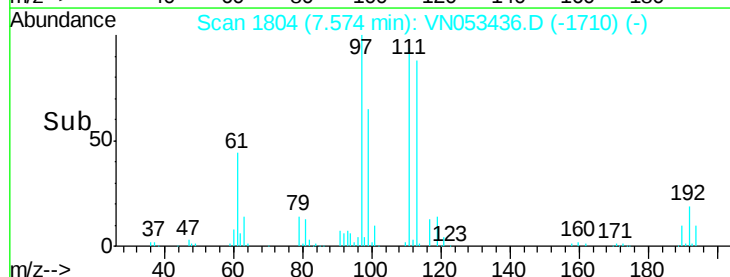
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	43.8	34.4	51.6



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



Abundance

7.57

Time-->



#33

1,2-Dichloroethane-d4

Concen: 19.600 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053436.D

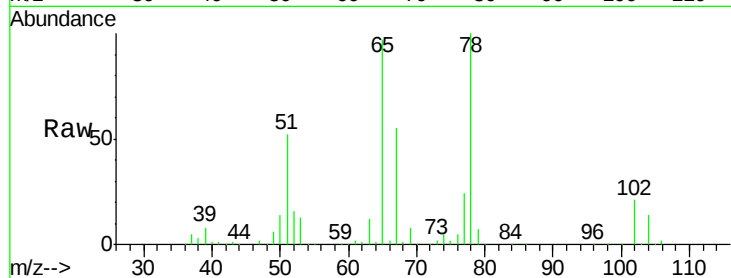
Acq: 17 Jan 2019 15:59

Tot Ion: 65 Resp: 392912

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

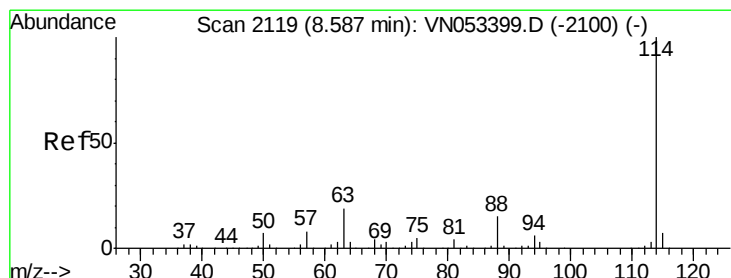
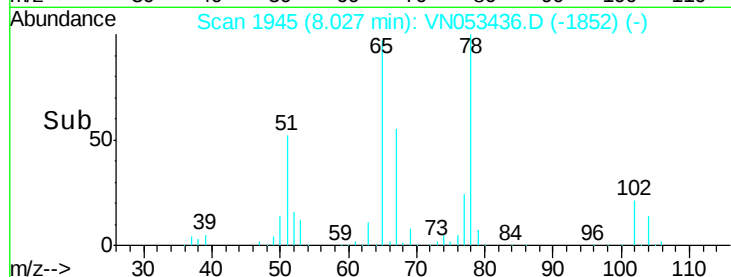
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

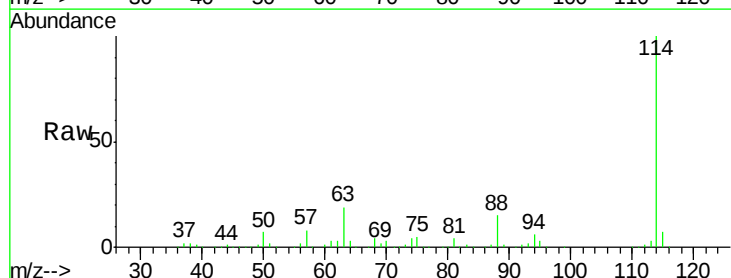
Tgt Ion:114 Resp: 1181095

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

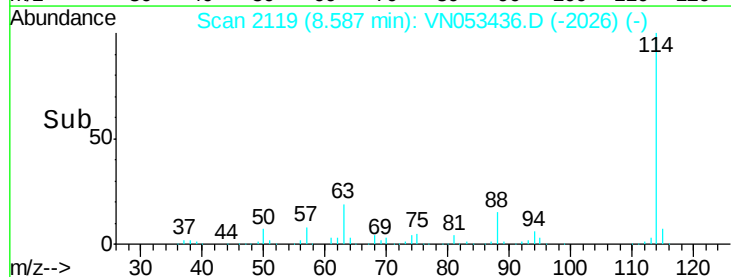
600000

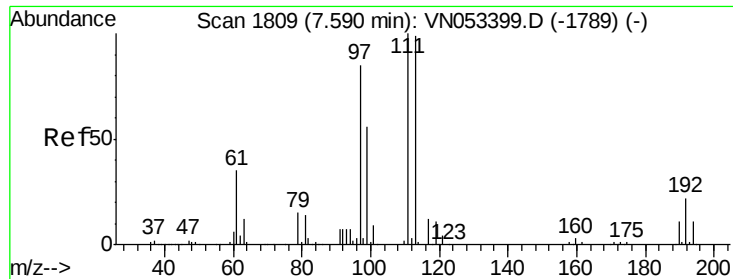
400000

200000

0

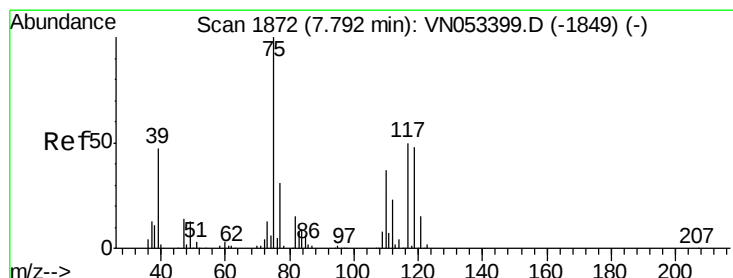
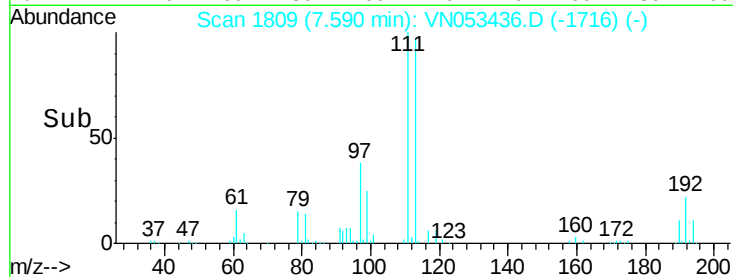
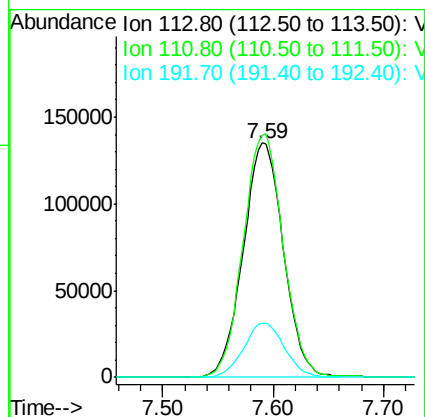
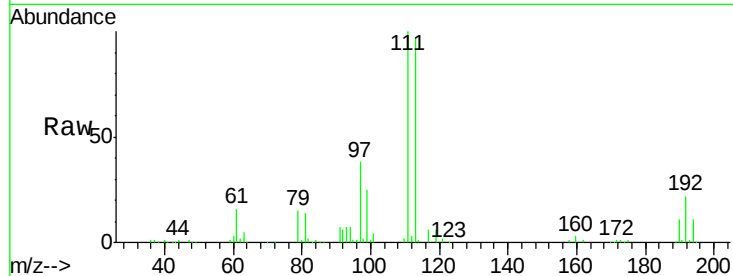
Time--> 8.50 8.60 8.70





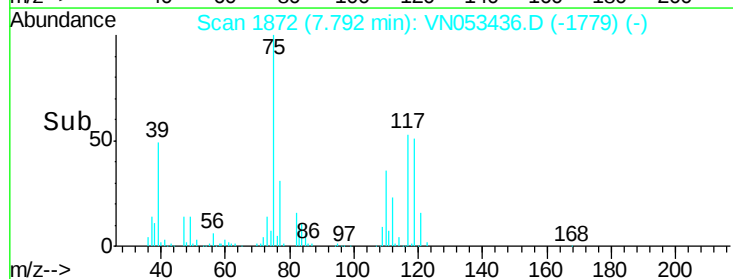
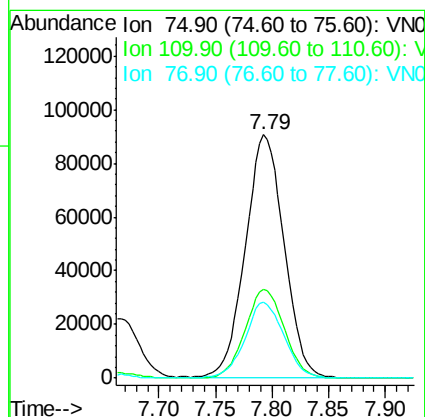
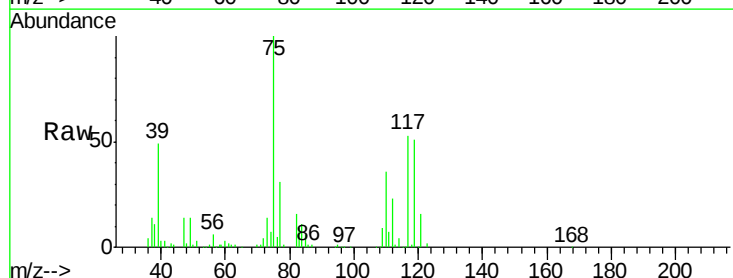
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

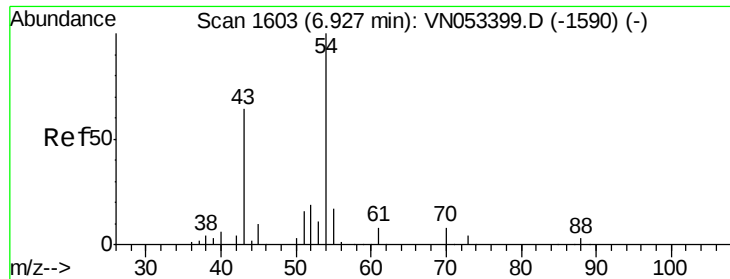
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	23.3	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 19.973 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

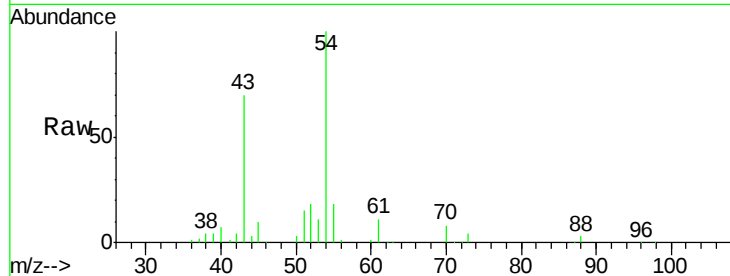
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.3
77	31.7	25.1	37.7



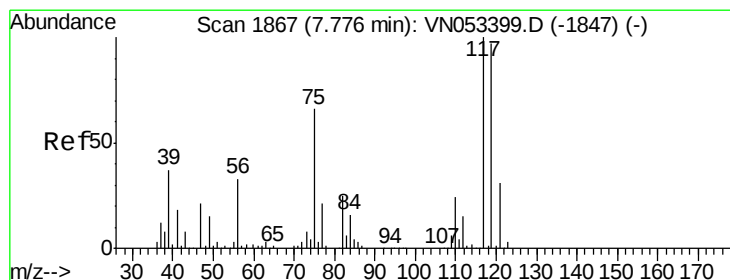
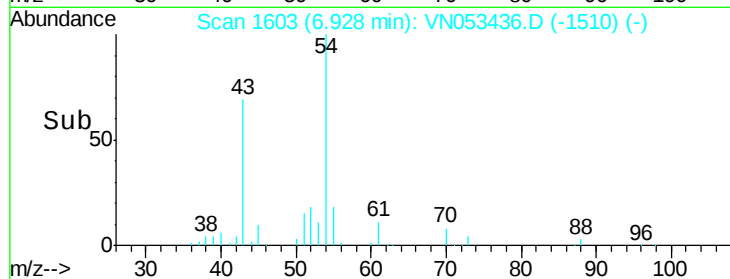
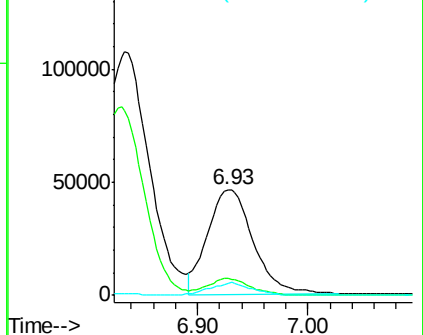


#37
Ethyl Acetate
Concen: 21.548 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tot Ion: 43 Resp: 133347
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.3 8.6 12.8

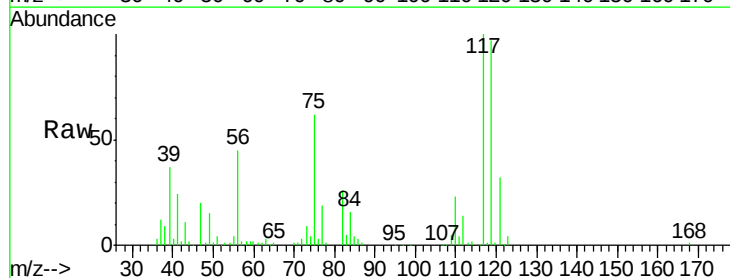


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

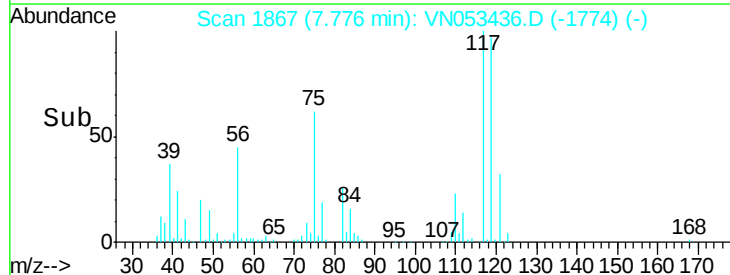
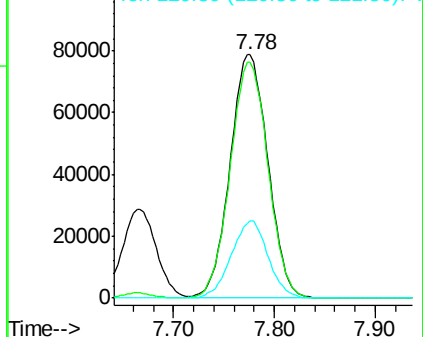


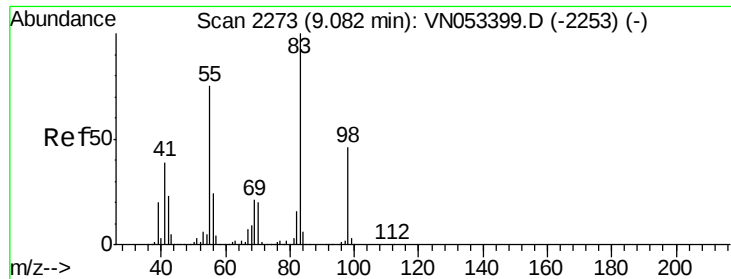
#38
Carbon Tetrachloride
Concen: 20.147 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion: 117 Resp: 205171
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
121 31.7 24.6 37.0



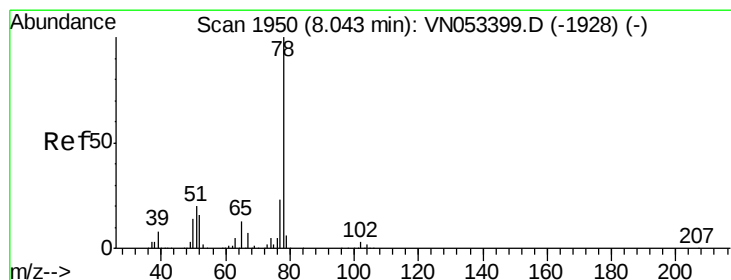
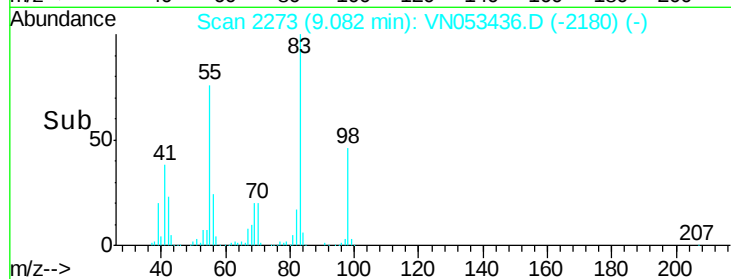
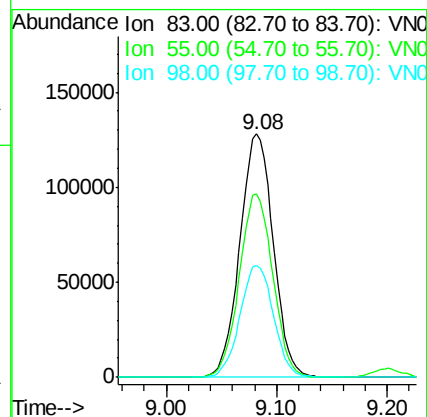
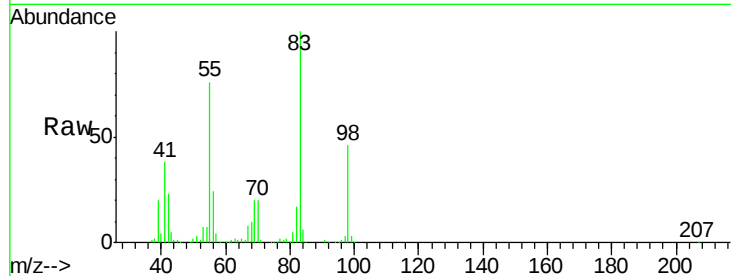
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





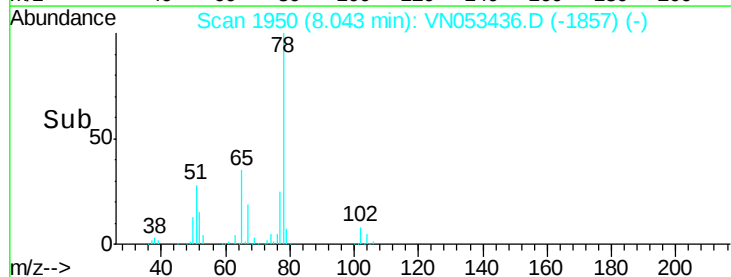
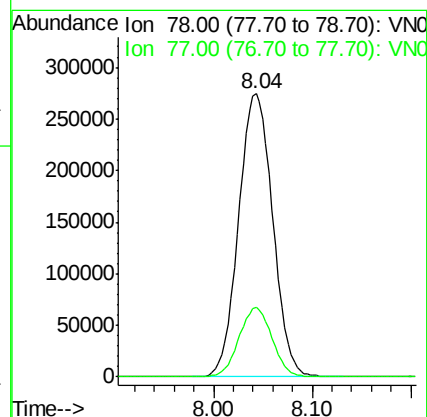
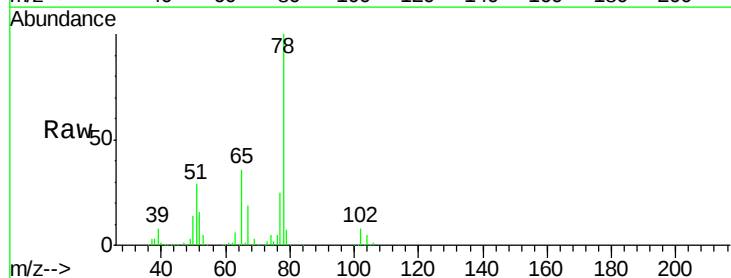
#39
Methvlcvclohexane
Concen: 20.229 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

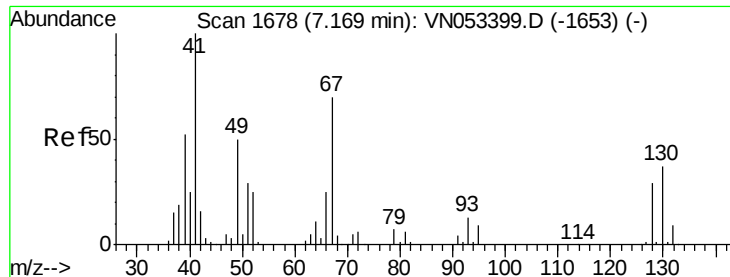
Tot Ion	83	Resp	268938
Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.1	90.1
98	45.9	36.6	55.0



#40
Benzene
Concen: 20.128 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion	78	Resp	657928
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.8	28.2





#41

Methacrylonitrile

Concen: 18.080 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion: 41 Resp: 64895

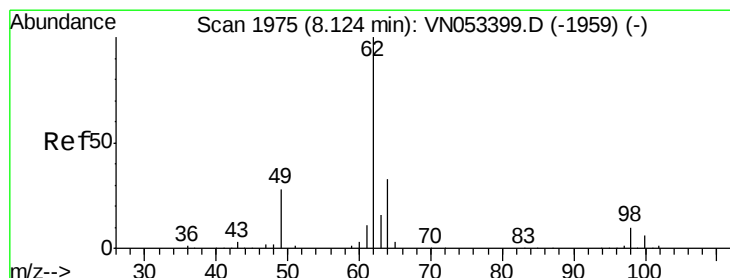
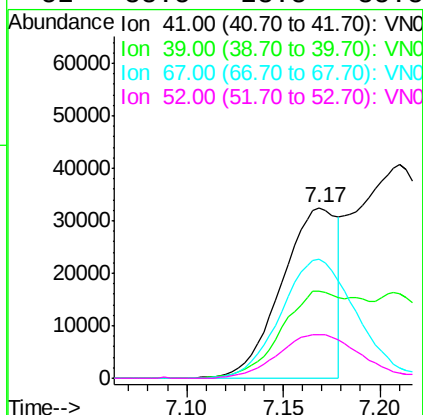
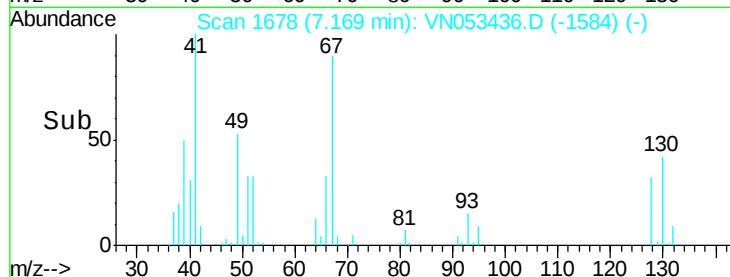
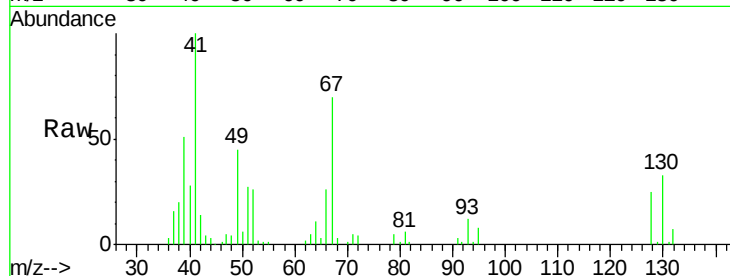
Ion Ratio Lower Upper

41 100

39 73.7 46.8 70.2#

67 95.3 63.0 94.6#

52 38.5 23.8 35.8#



#42

1,2-Dichloroethane

Concen: 20.597 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053436.D

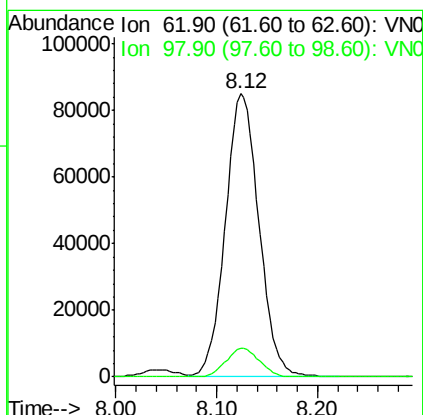
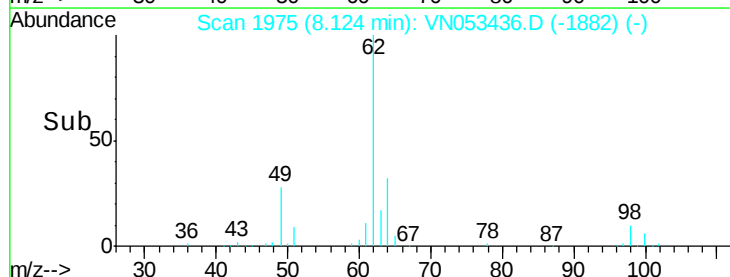
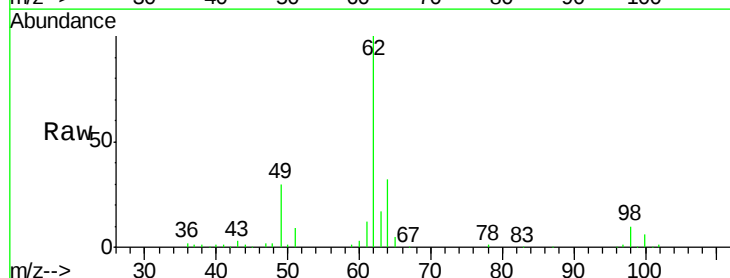
Acq: 17 Jan 2019 15:59

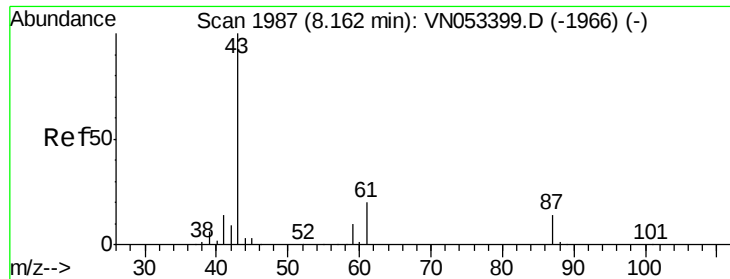
Tgt Ion: 62 Resp: 196135

Ion Ratio Lower Upper

62 100

98 10.1 0.0 19.6

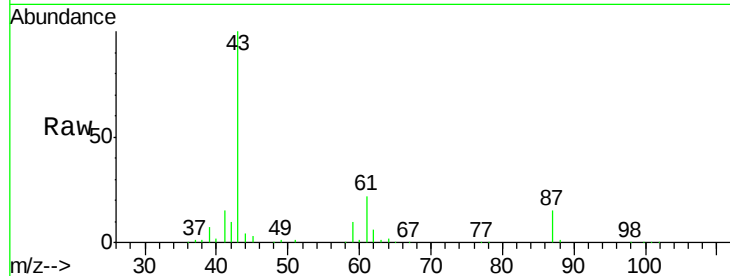




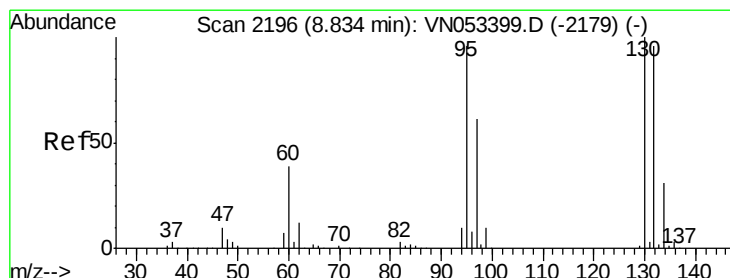
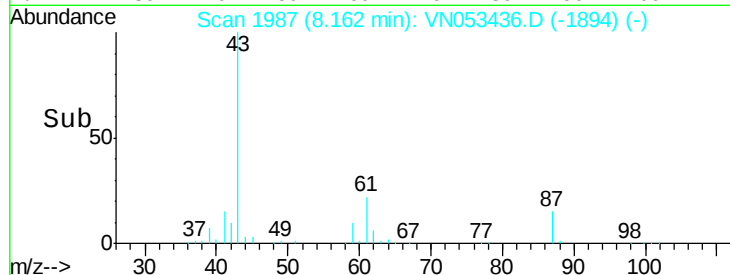
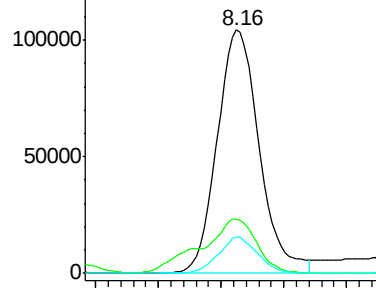
#43

Isopropyl Acetate
 Concen: 21.909 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tot Ion: 43 Resp: 243790
 Ion Ratio Lower Upper
 43 100
 61 29.0 23.9 35.9
 87 13.8 11.0 16.6



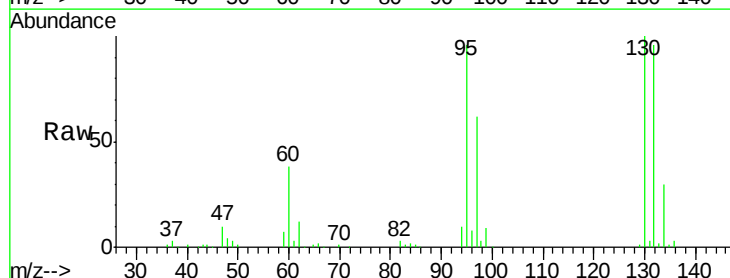
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



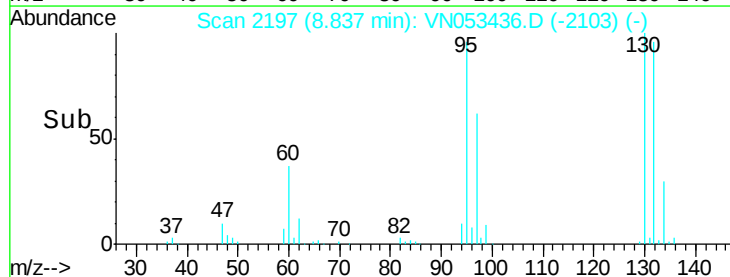
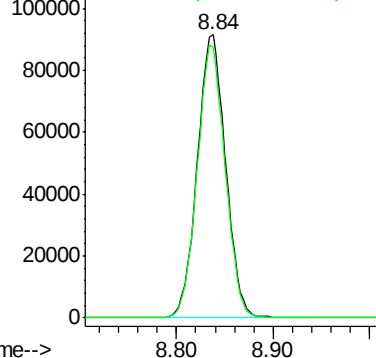
#44

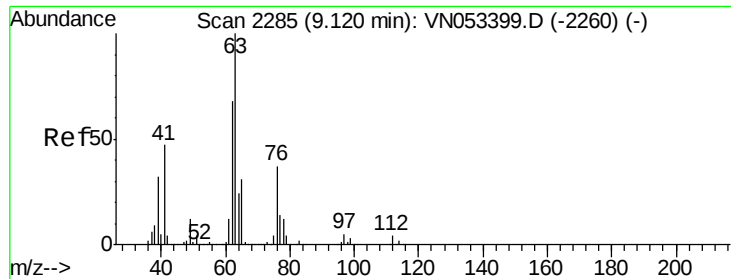
Trichloroethene
 Concen: 20.479 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tgt Ion:130 Resp: 185629
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.899 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053436.D

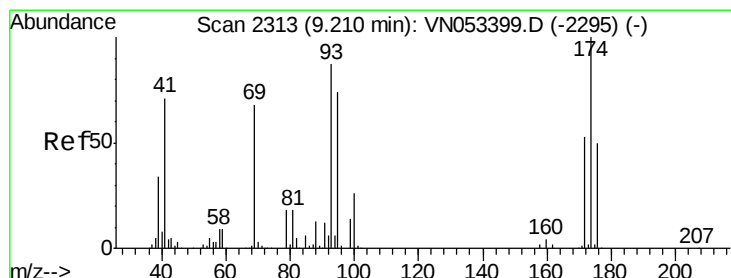
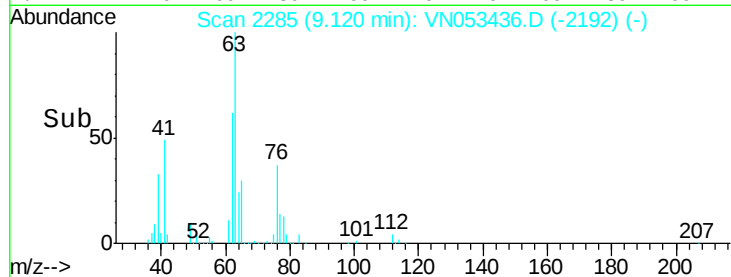
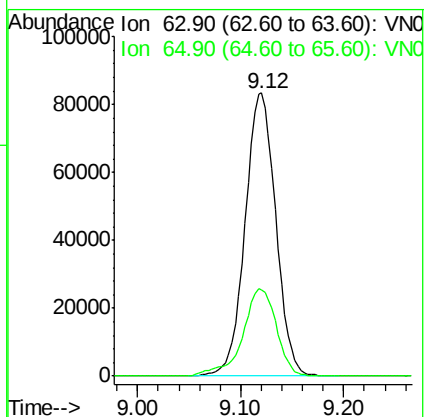
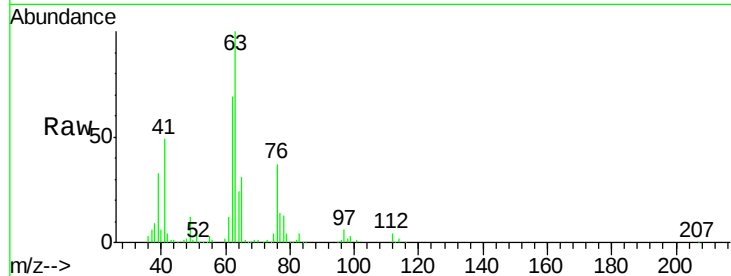
Acq: 17 Jan 2019 15:59

Tot Ion: 63 Resp: 172283

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 20.162 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

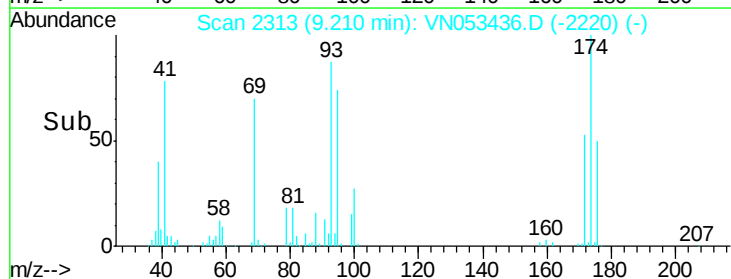
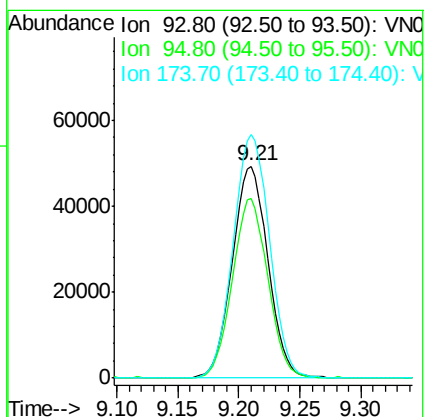
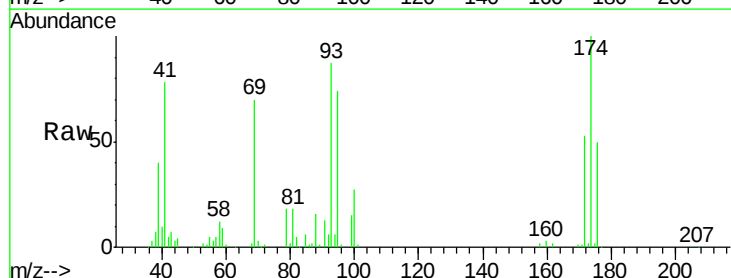
Tgt Ion: 93 Resp: 100287

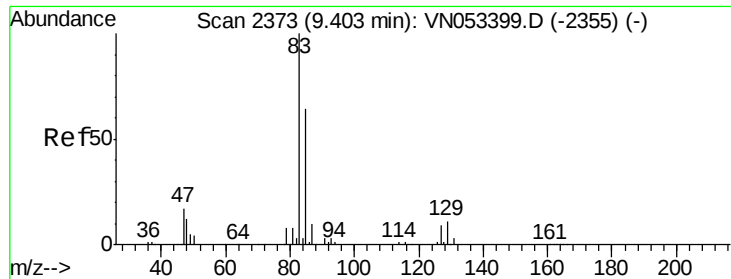
Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 117.2 91.0 136.4





#47

Bromodichloromethane

Concen: 20.289 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

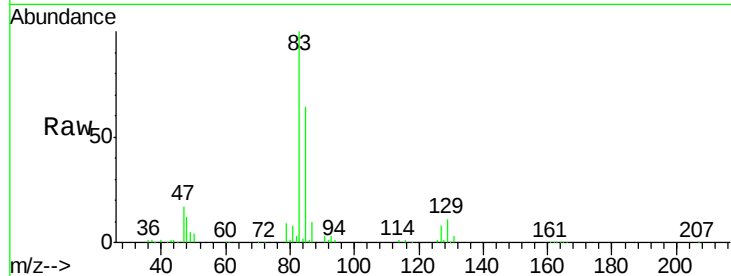
Tot Ion: 83 Resp: 212241

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

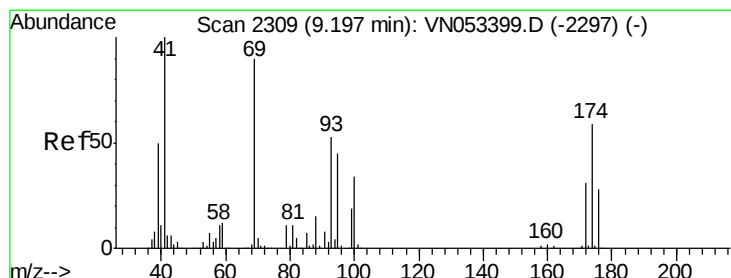
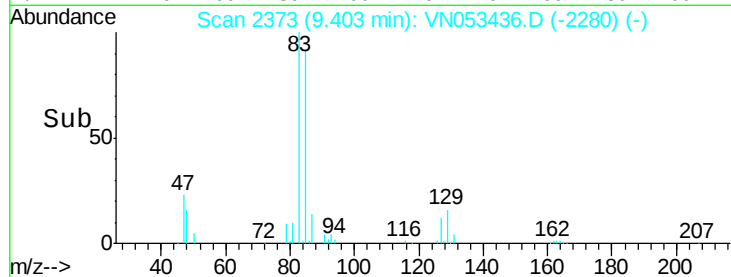
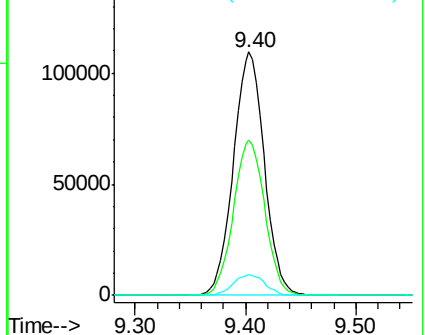
127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053436.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053436.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053436.D (-2280) (-)



#48

Methyl methacrylate

Concen: 21.014 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

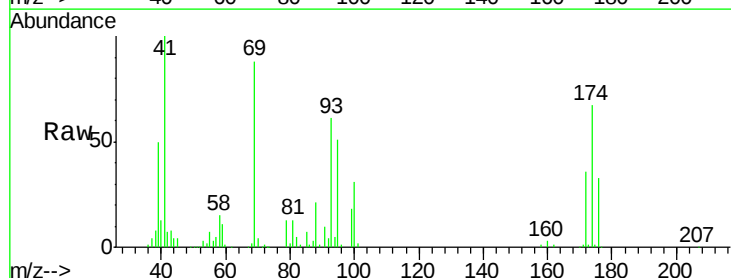
Tgt Ion: 41 Resp: 120734

Ion Ratio Lower Upper

41 100

69 91.2 73.8 110.6

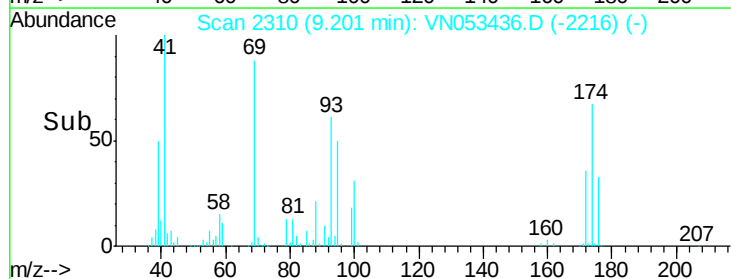
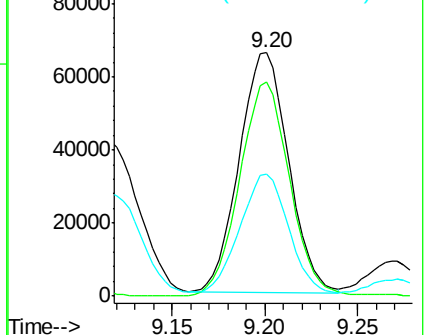
39 51.9 40.0 60.0

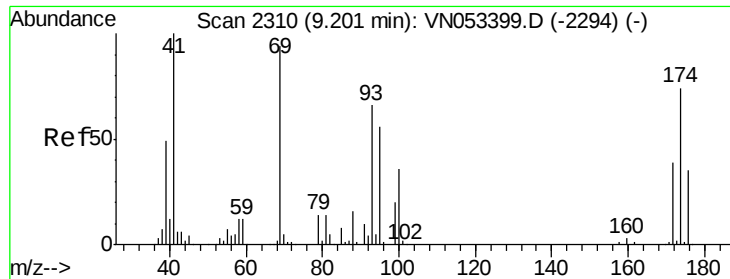


Abundance Ion 41.00 (40.70 to 41.70): VN053436.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053436.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053436.D (-2216) (-)





#49

1,4-Dioxane

Concen: 513.836 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

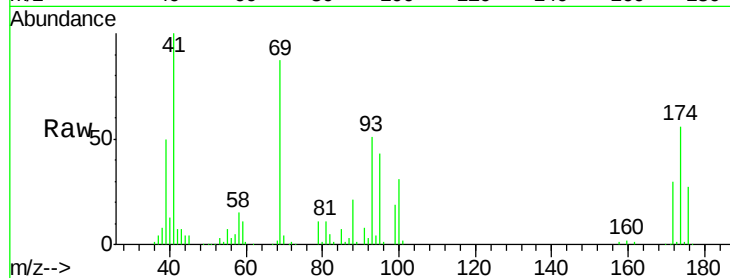
Tot Ion: 88 Resp: 28832

Ion Ratio Lower Upper

88 100

43 30.8 27.8 41.6

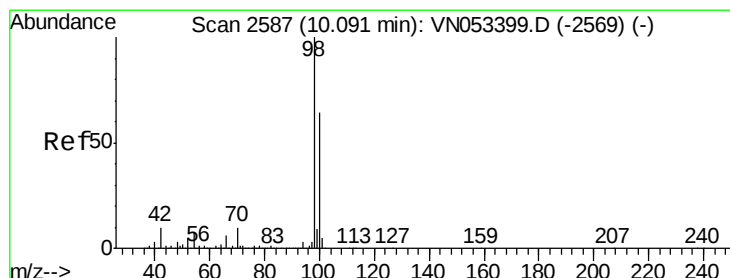
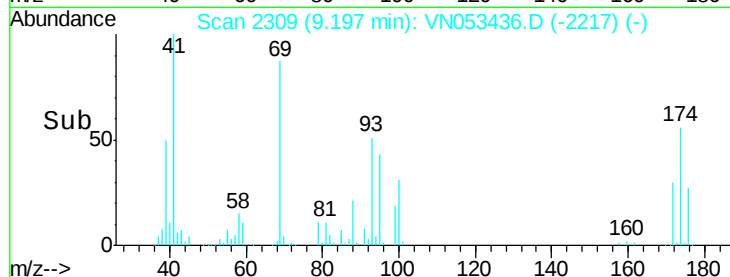
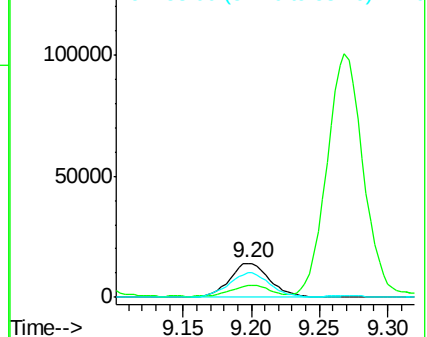
58 73.3 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053399.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053399.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-2294) (-)



#50

Toluene-d8

Concen: 513.836 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053436.D

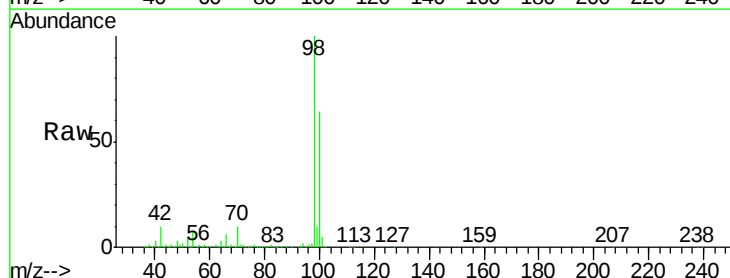
Acq: 17 Jan 2019 15:59

Tgt Ion: 98 Resp: 1430741

Ion Ratio Lower Upper

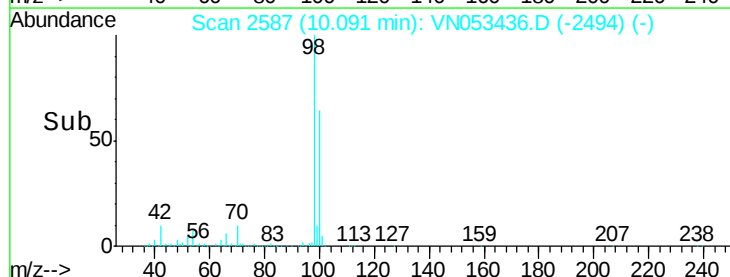
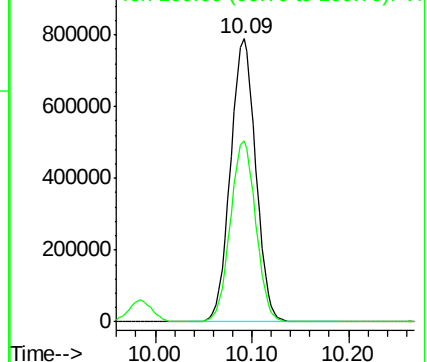
98 100

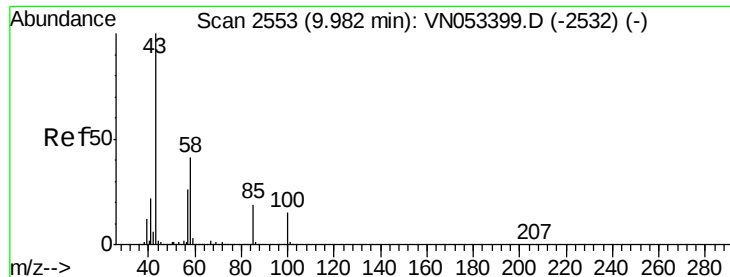
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

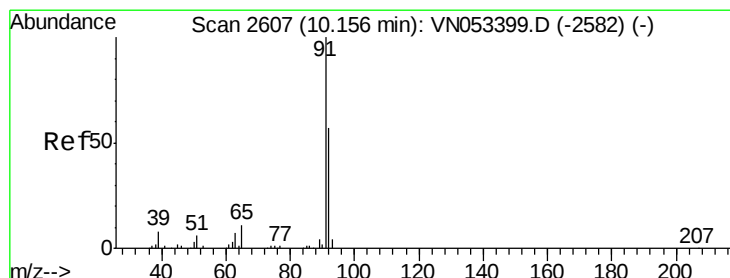
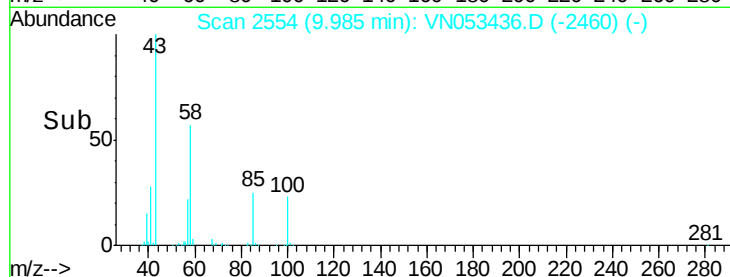
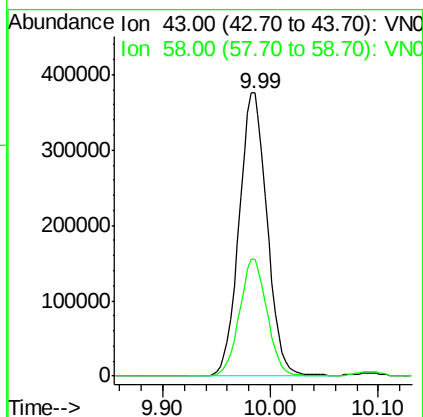
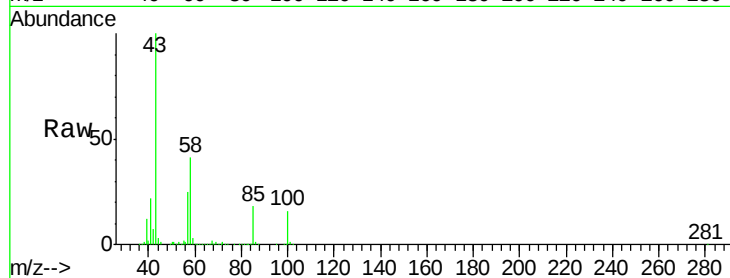
Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)





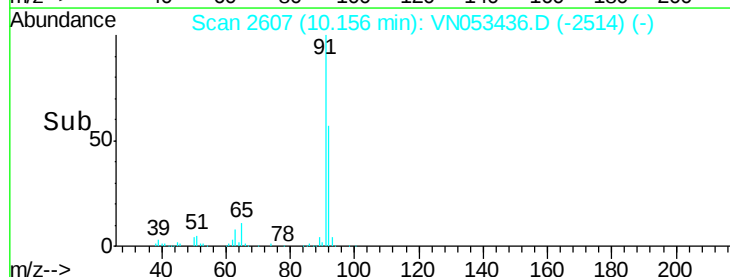
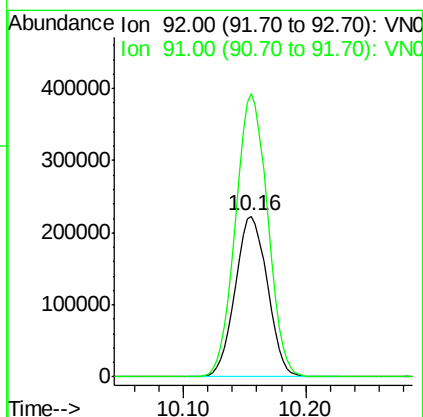
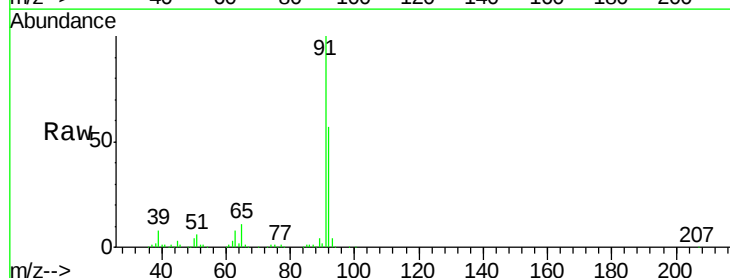
#51
 4-Methyl-2-Pentanone
 Concen: 111.433 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

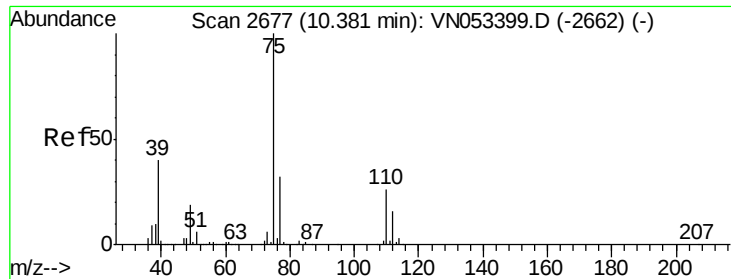
Tot Ion: 43 Resp: 676897
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.8 49.2



#52
 Toluene
 Concen: 20.144 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

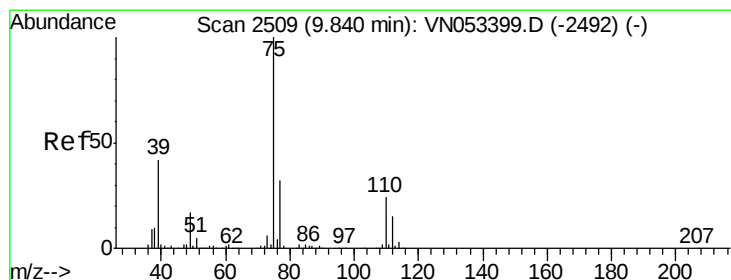
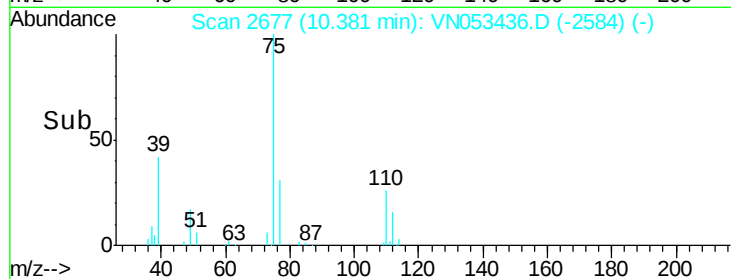
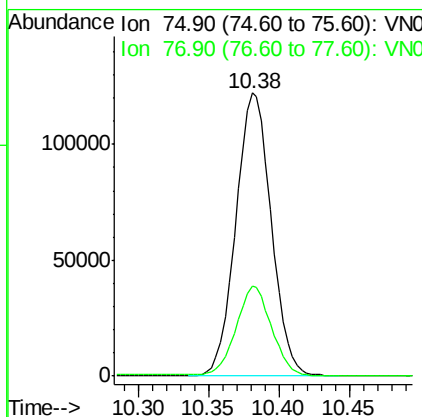
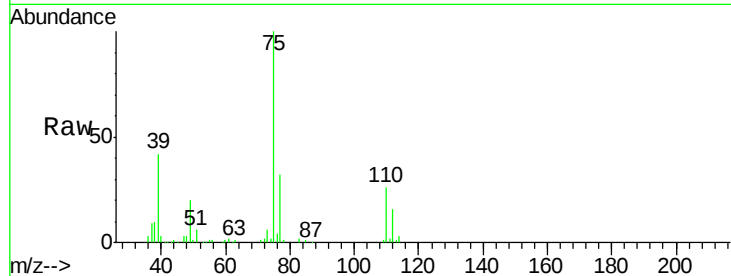
Tgt Ion: 92 Resp: 408782
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.9 209.9





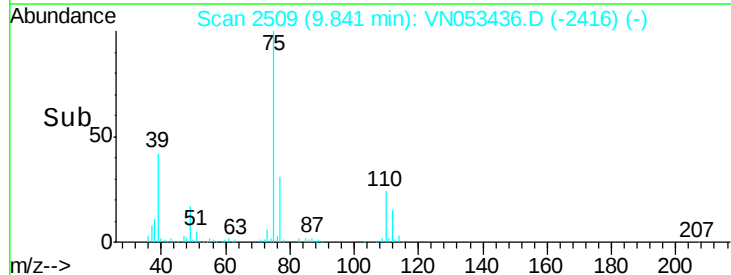
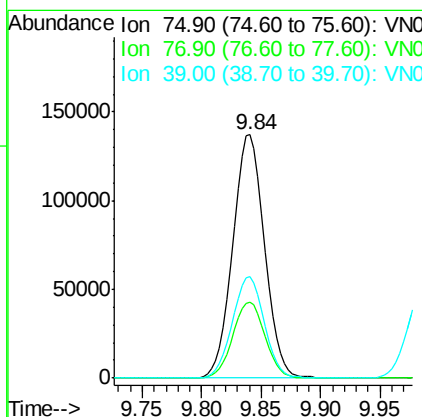
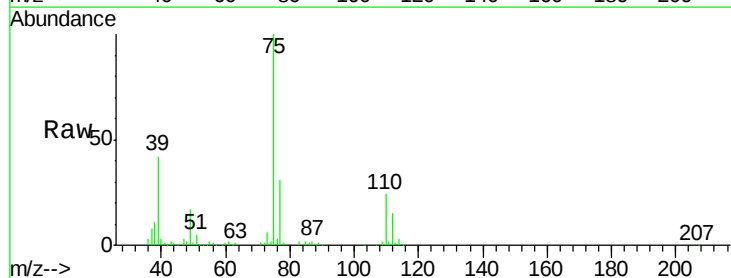
#53
 t-1,3-Dichloropropene
 Concen: 20.279 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

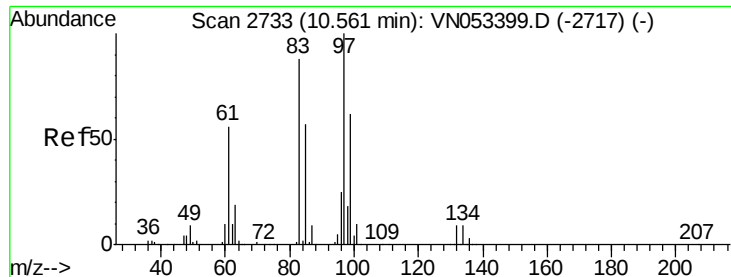
Tot Ion: 75 Resp: 215013
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.428 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tgt Ion: 75 Resp: 253900
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6
 39 41.7 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.971 ug/l

RT: 10.56 min Scan# 2734

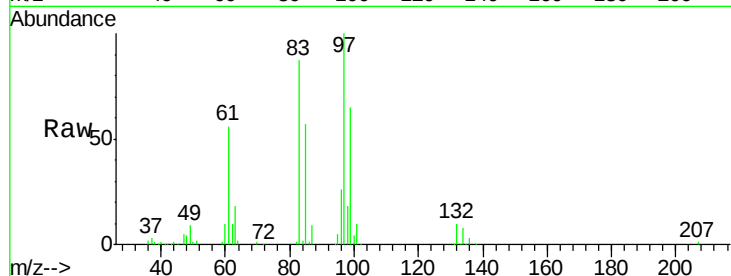
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion: 97 Resp: 146717

Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.1	105.1
85	56.9	45.4	68.0
99	64.6	49.8	74.8



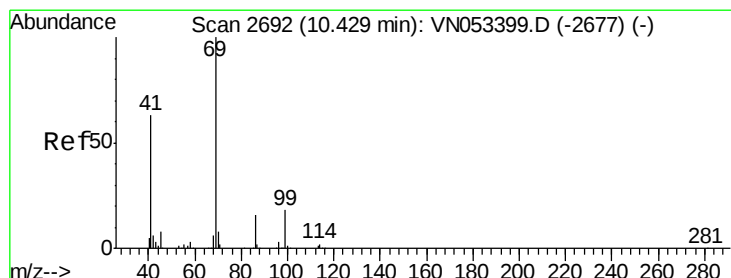
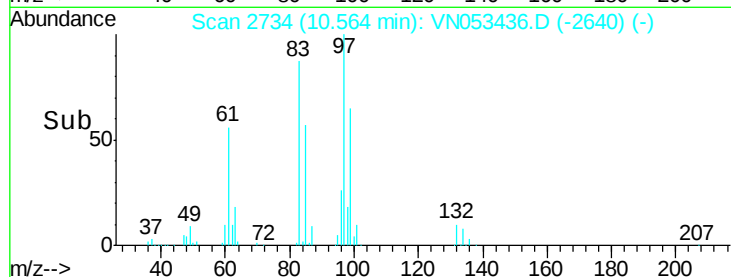
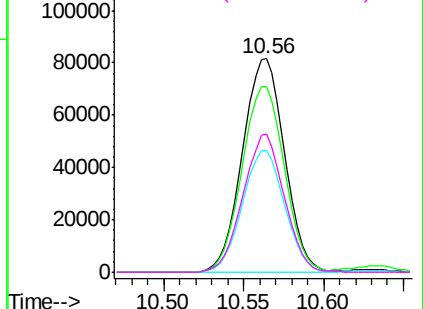
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.241 ug/l

RT: 10.43 min Scan# 2692

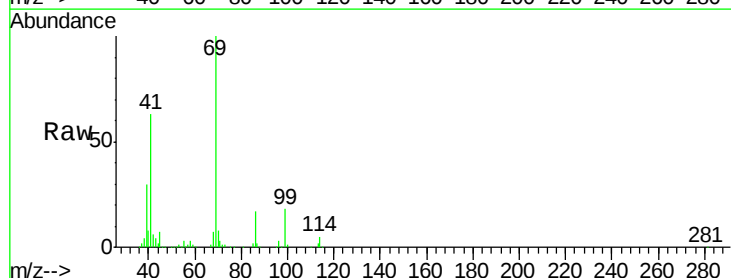
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion: 69 Resp: 188287

Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.4	74.0
39	29.5	23.3	34.9

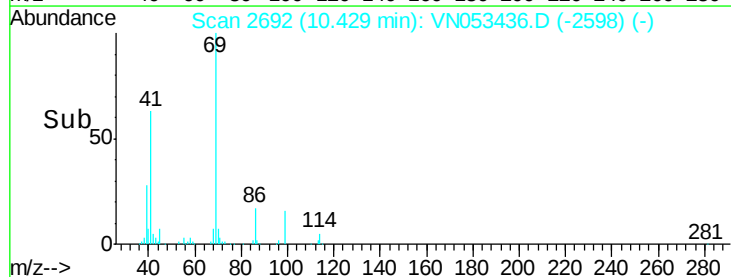
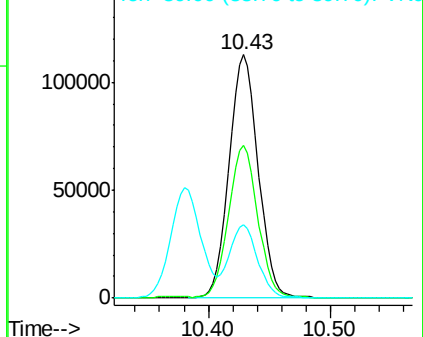


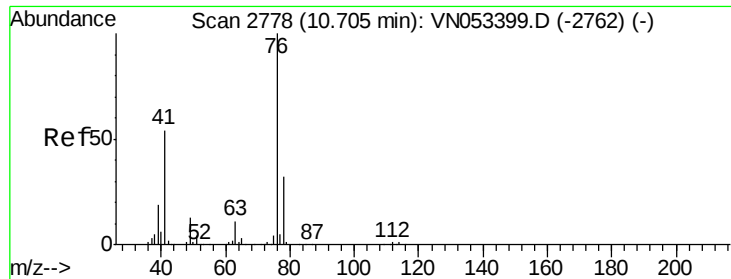
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

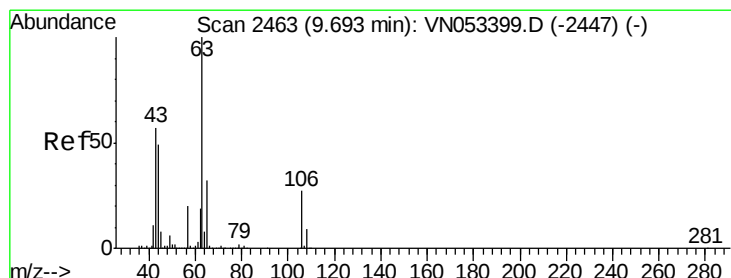
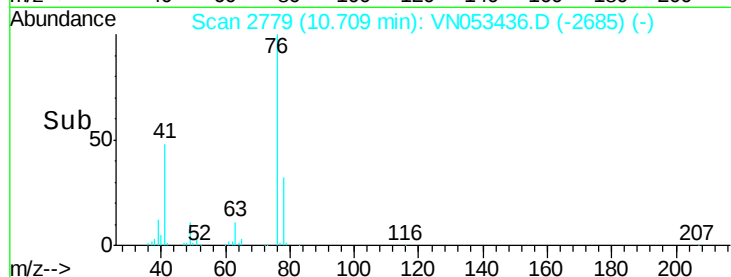
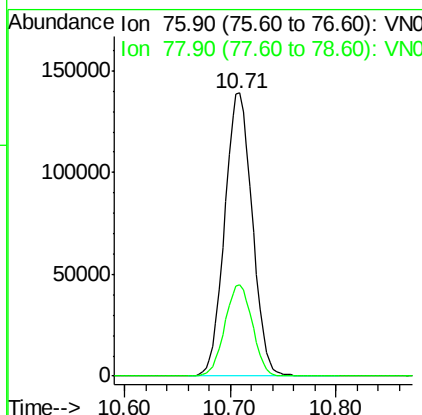
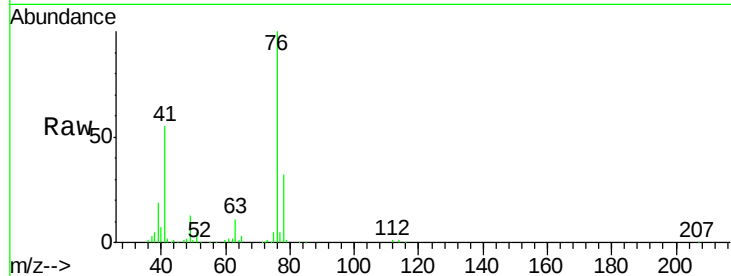
Ion 39.00 (38.70 to 39.70): VNO





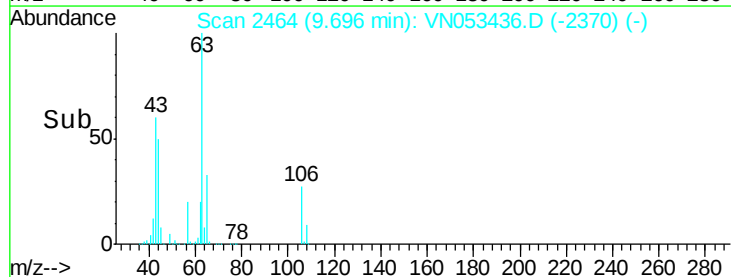
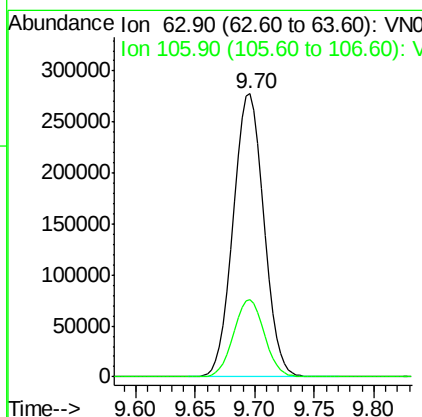
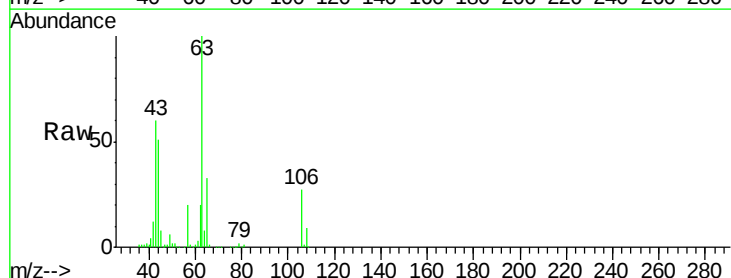
#57
 1,3-Dichloropropane
 Concen: 20.756 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

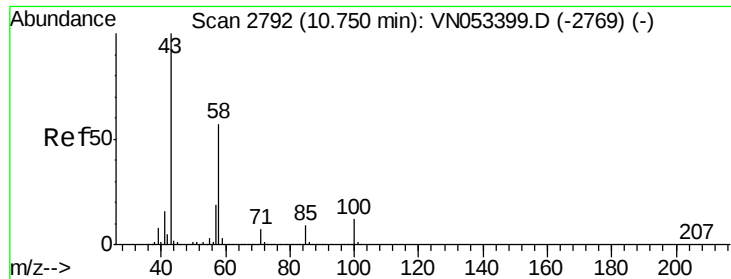
Tot Ion: 76 Resp: 251196
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.747 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

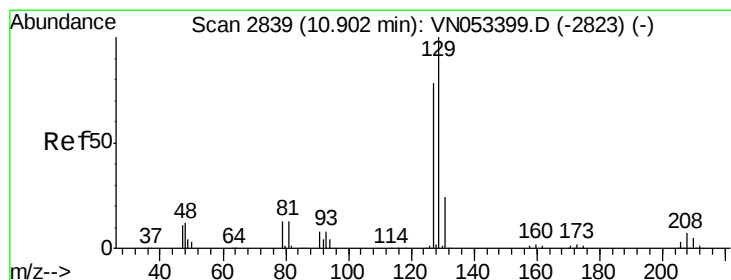
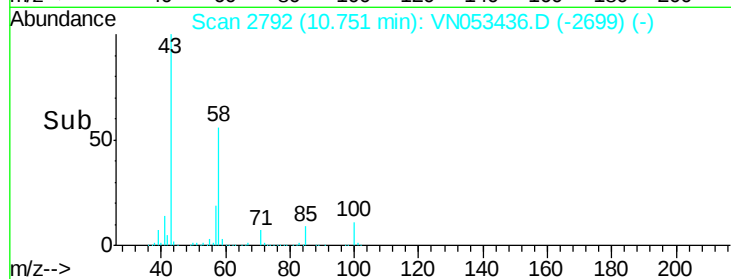
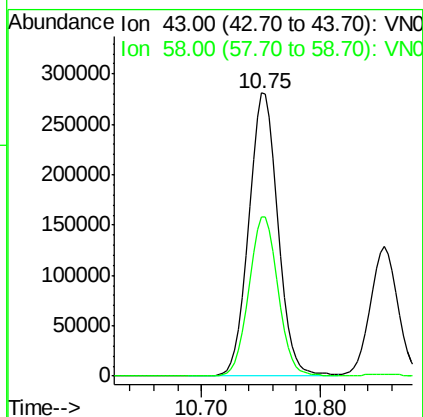
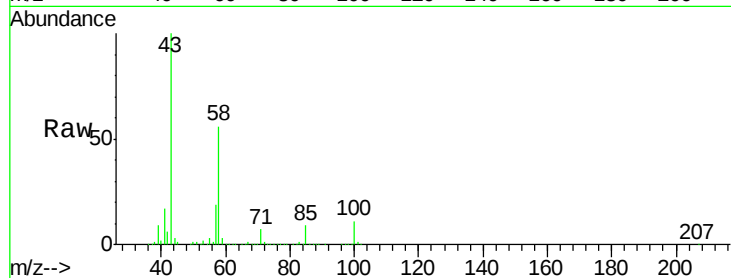
Tgt Ion: 63 Resp: 497991
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.5 32.3





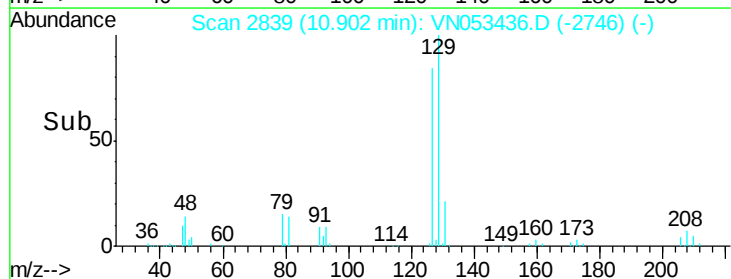
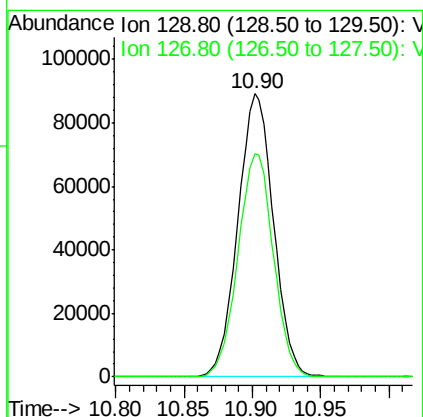
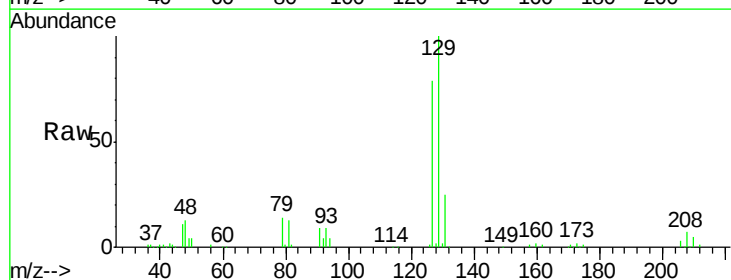
#59
2-Hexanone
Concen: 111.700 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

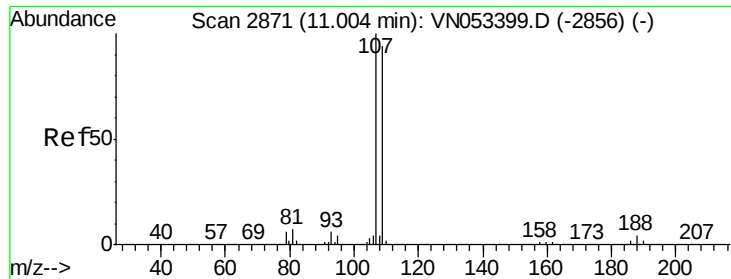
Tot Ion: 43 Resp: 476313
Ion Ratio Lower Upper
43 100
58 56.7 28.6 85.8



#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

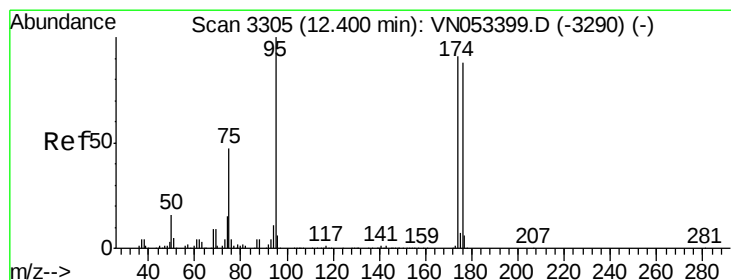
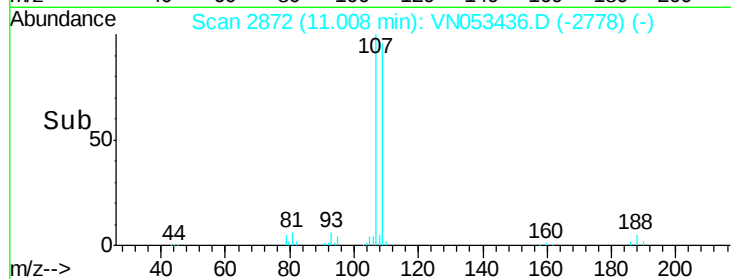
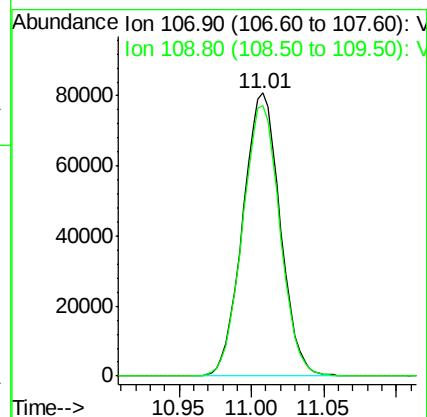
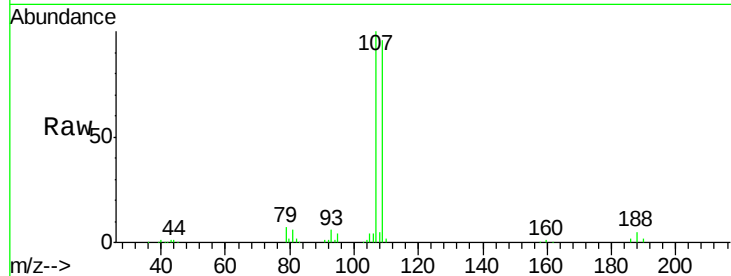
Tgt Ion: 129 Resp: 161453
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





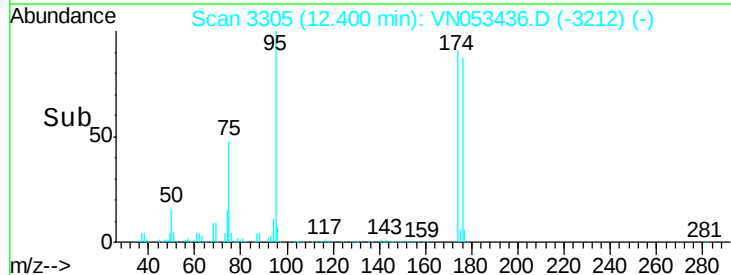
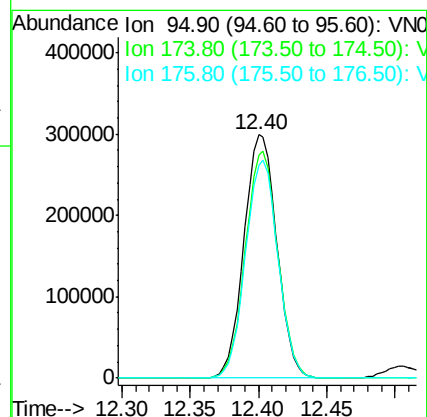
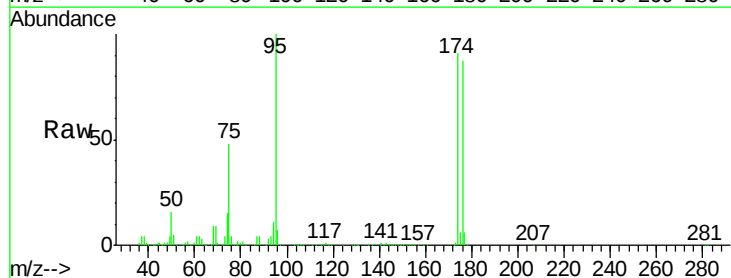
#61
 1,2-Dibromoethane
 Concen: 20.513 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

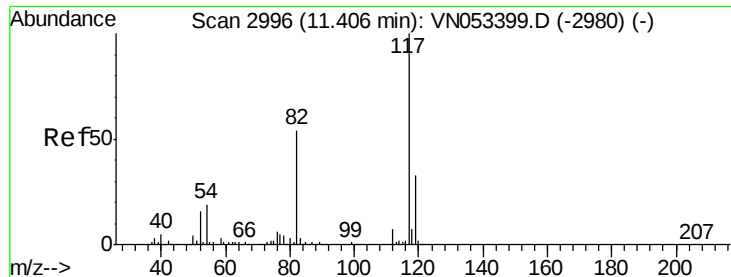
Tot Ion: 107 Resp: 145144
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 20.513 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tgt Ion: 95 Resp: 501015
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 183.2
 176 88.7 0.0 177.4

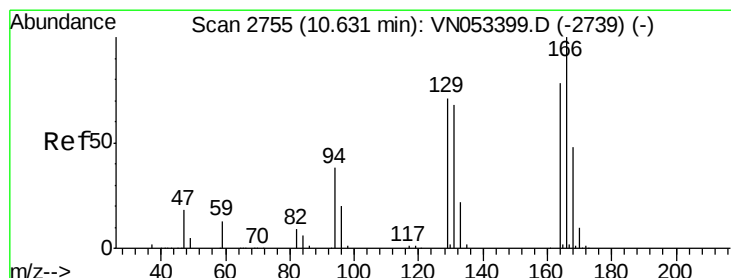
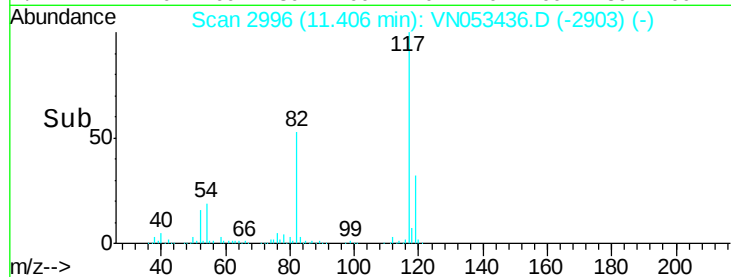
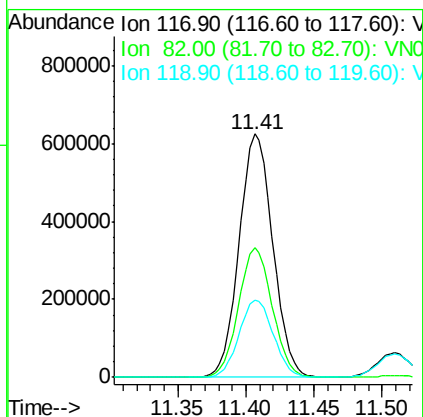
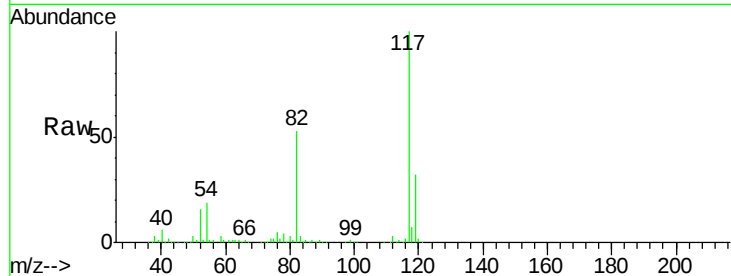




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tot Ion:117 Resp: 1072361

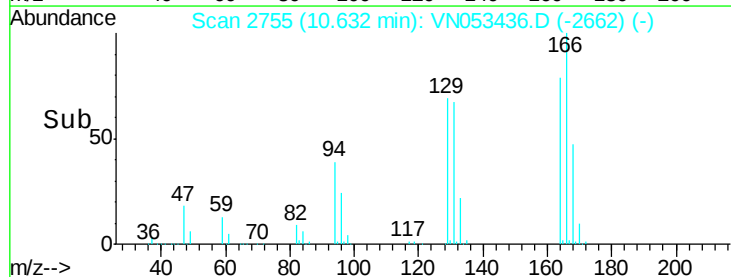
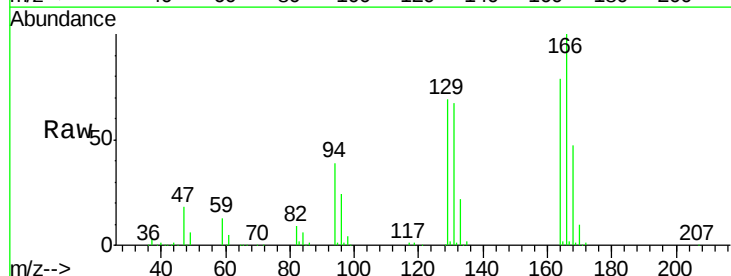
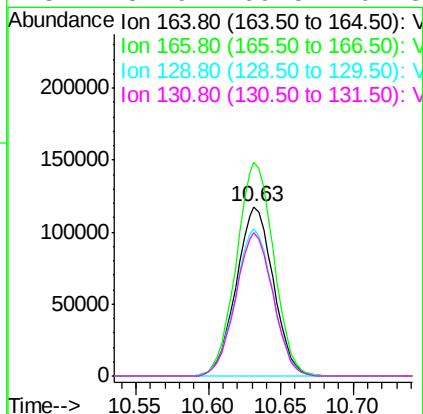
Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	31.9	26.0	39.0

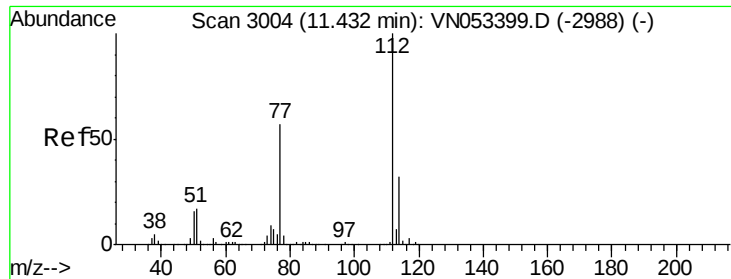


#64
Tetrachloroethene
Concen: 20.632 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion:164 Resp: 208500

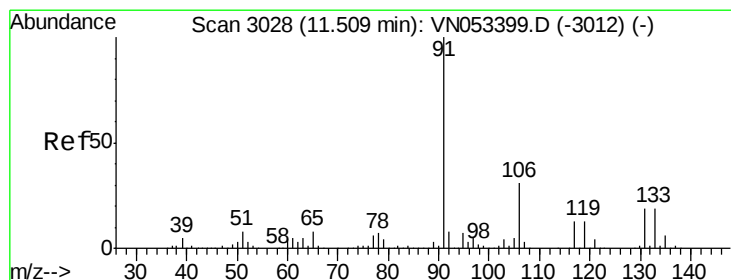
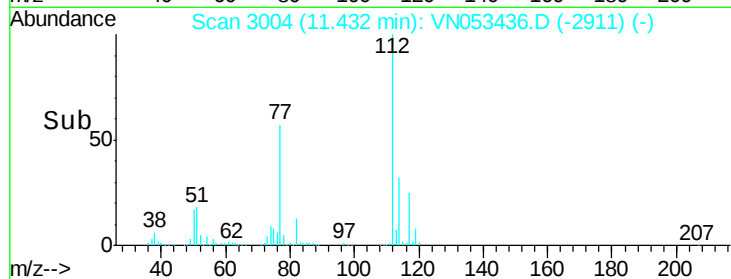
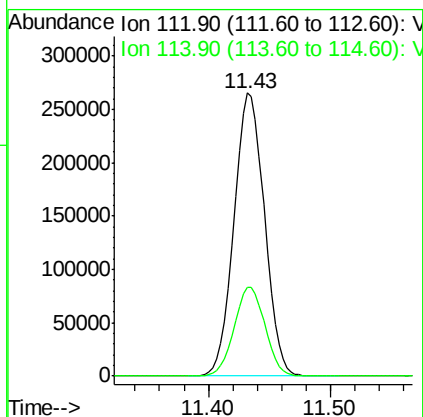
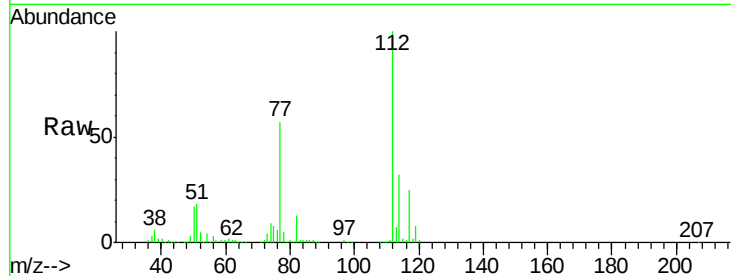
Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.2	153.4
129	86.8	72.6	109.0
131	84.9	69.5	104.3





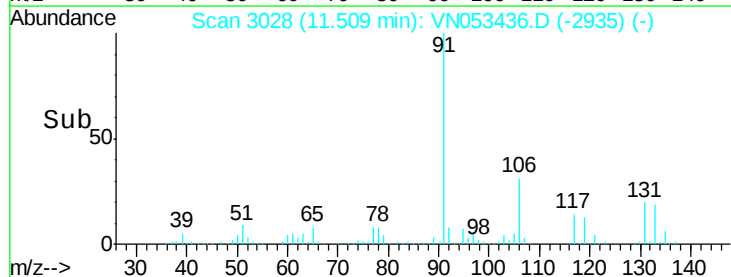
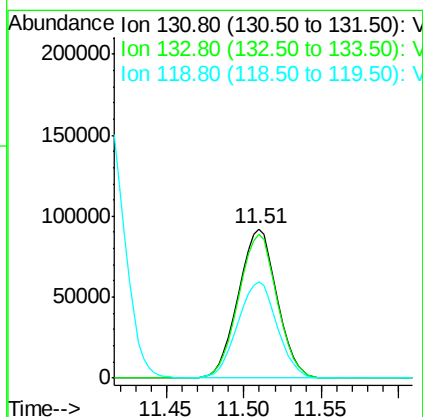
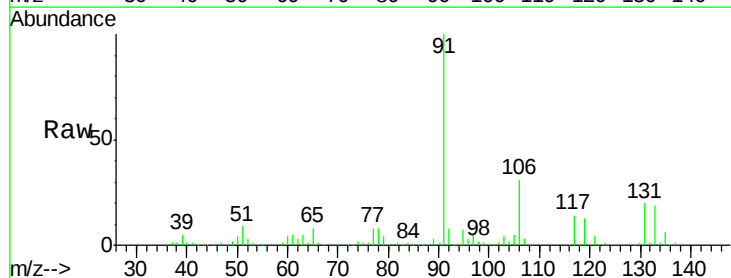
#65
Chlorobenzene
Concen: 20.234 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

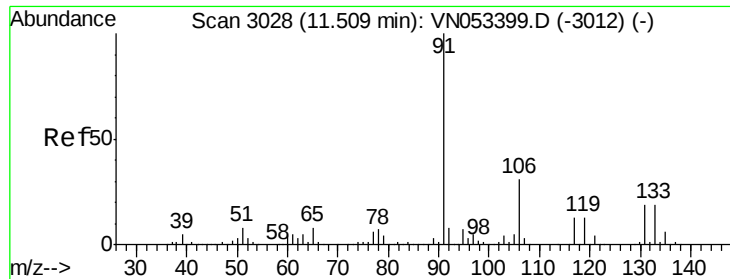
Tot Ion:112 Resp: 459266
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.319 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

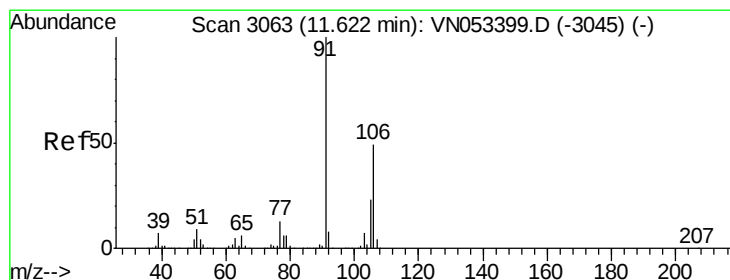
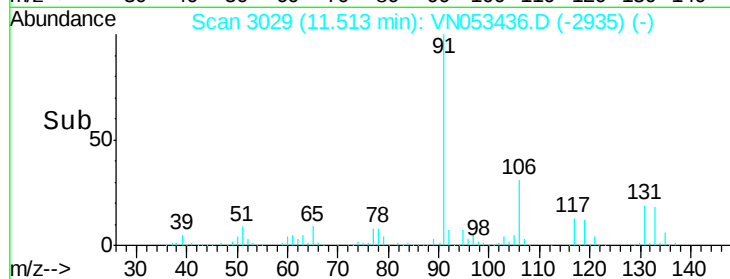
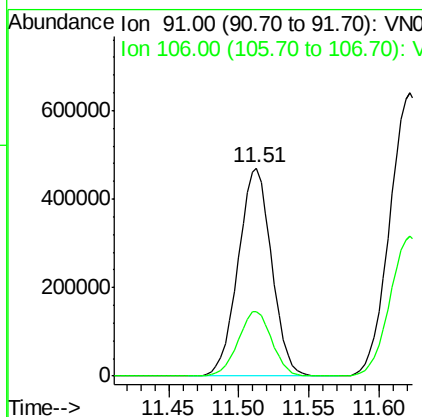
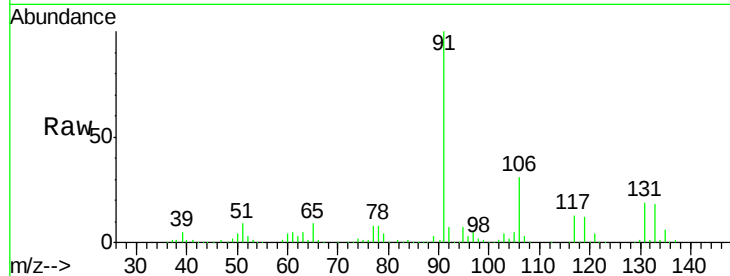
Tgt Ion:131 Resp: 160447
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 65.5 33.5 100.5





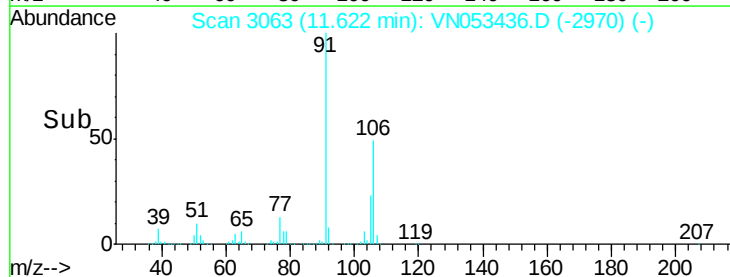
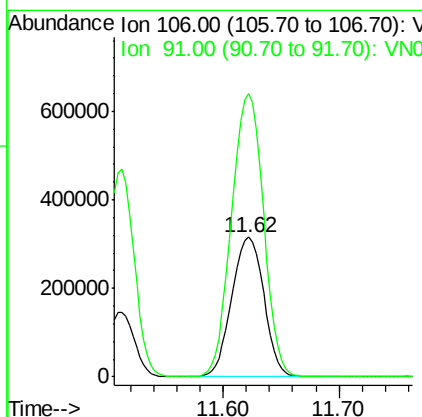
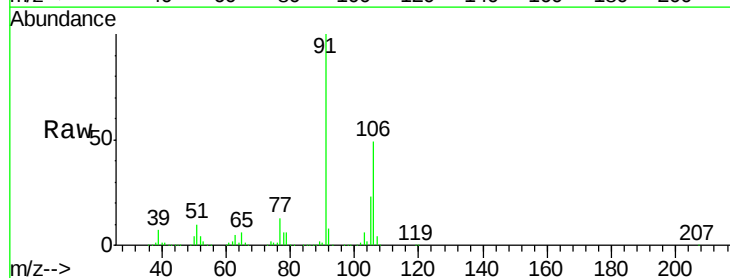
#67
Ethvl Benzene
Concen: 20.184 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

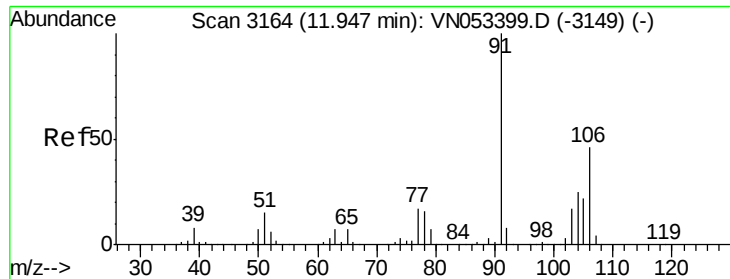
Tot Ion: 91 Resp: 780793
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 41.585 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

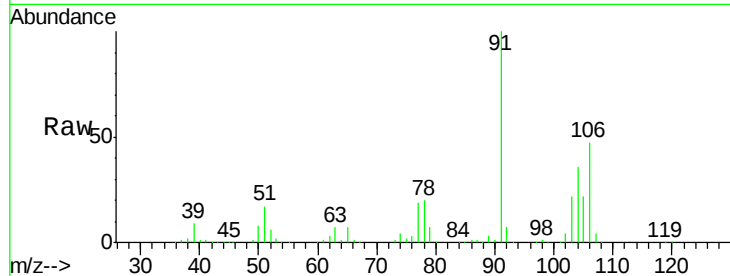
Tgt Ion: 106 Resp: 607355
Ion Ratio Lower Upper
106 100
91 201.5 161.4 242.2



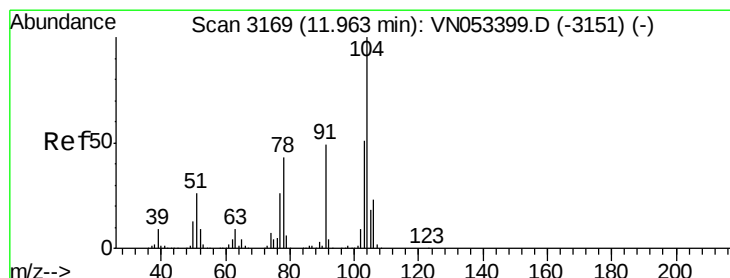
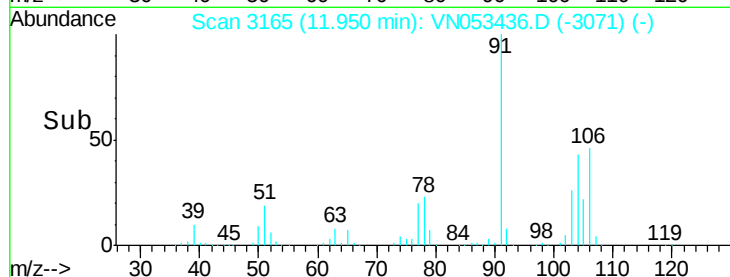
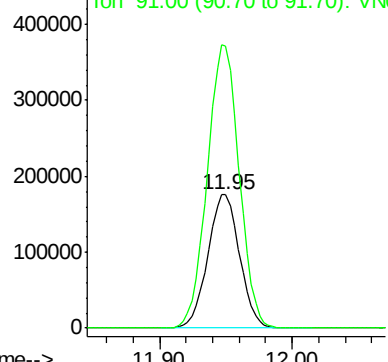


#69
o-Xylene
Concen: 20.638 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tot Ion:106 Resp: 292885
Ion Ratio Lower Upper
106 100
91 212.6 106.9 320.8

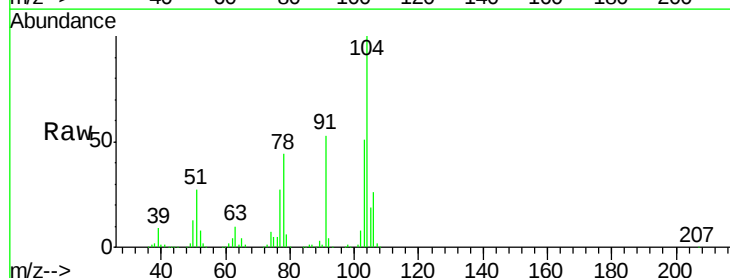


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

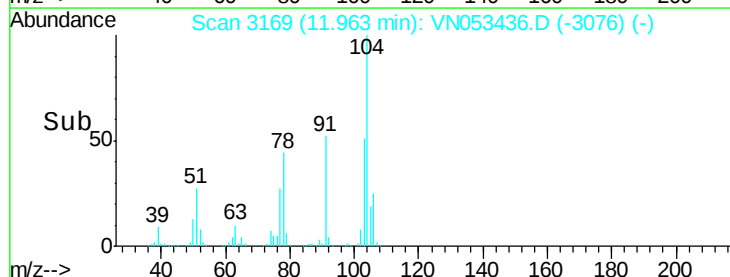
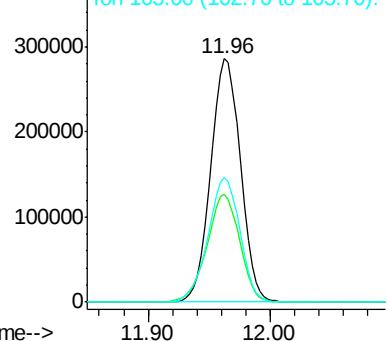


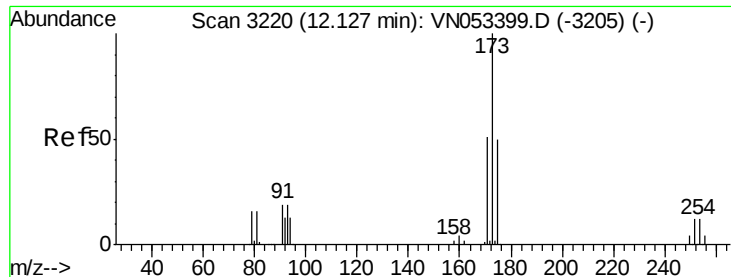
#70
Styrene
Concen: 20.930 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion:104 Resp: 482087
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.2
103 55.0 44.4 66.6



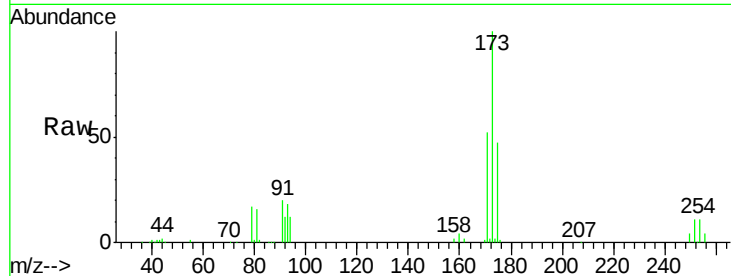
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



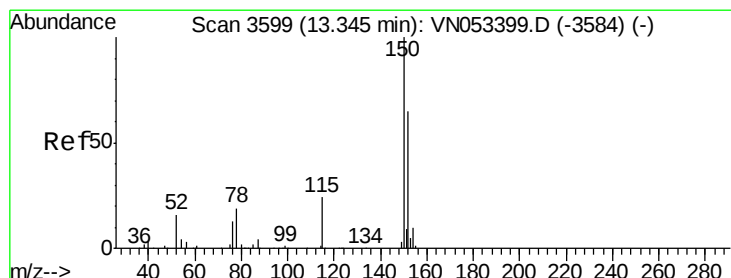
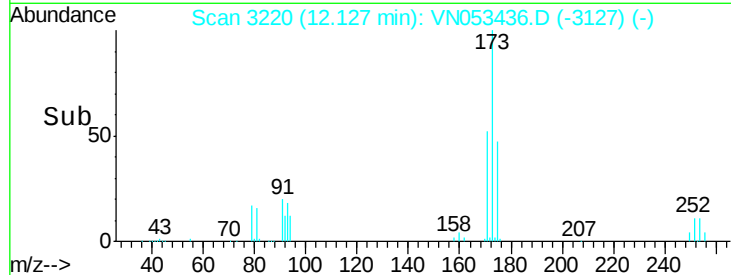
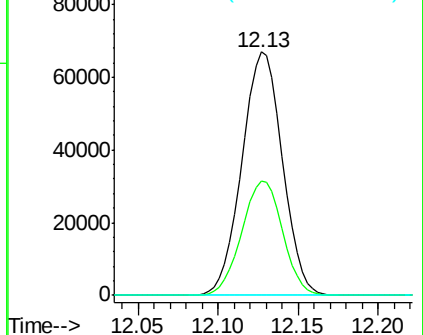


#71
Bromoform
Concen: 21.278 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tot Ion:173 Resp: 115670
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.2 0.2#

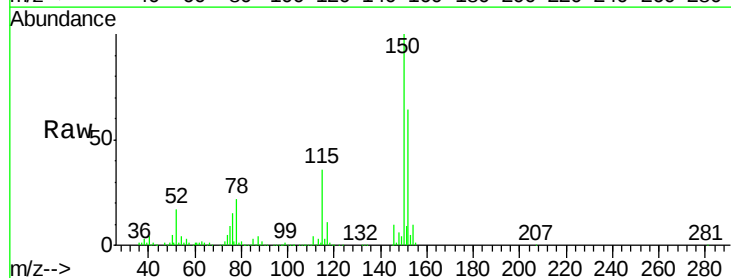


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

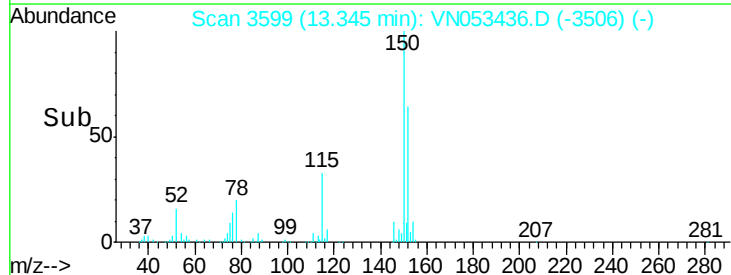
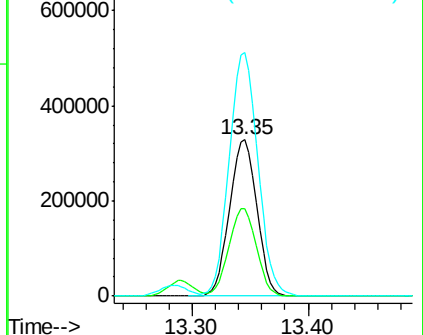


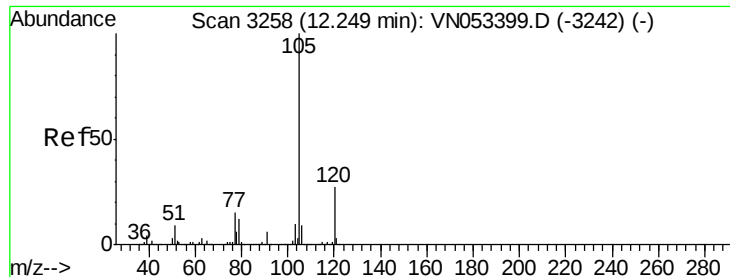
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion:152 Resp: 535006
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.4
150 163.4 0.0 349.0



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





#73

Isopropylbenzene

Concen: 20.139 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053436.D

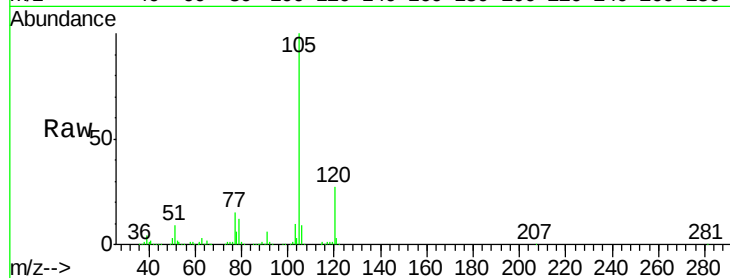
Acq: 17 Jan 2019 15:59

Tot Ion: 105 Resp: 789013

Ion Ratio Lower Upper

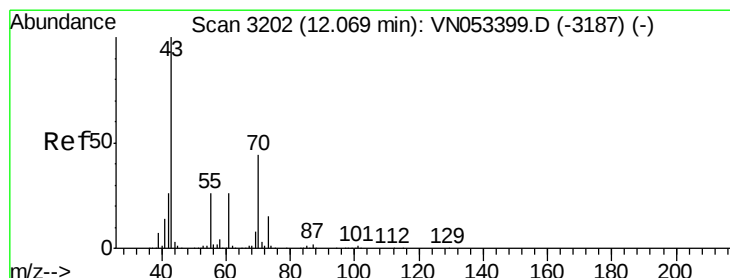
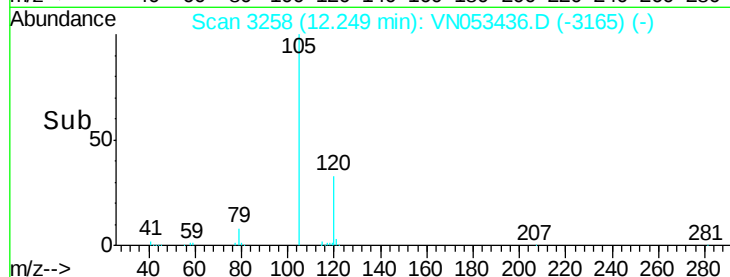
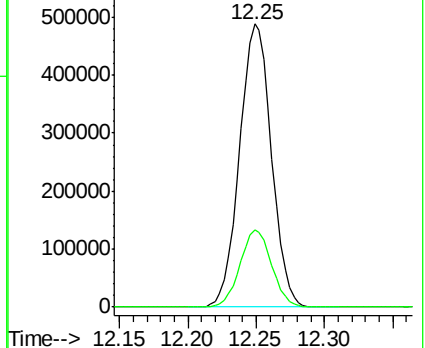
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.760 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion: 43 Resp: 216818

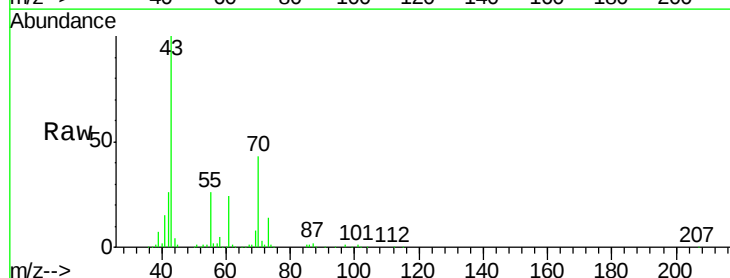
Ion Ratio Lower Upper

43 100

70 44.4 35.4 53.2

55 26.7 20.9 31.3

61 24.8 20.5 30.7

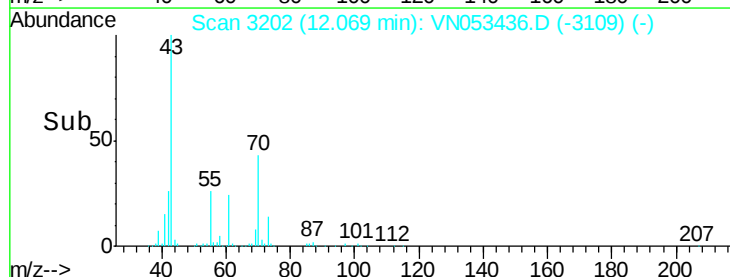
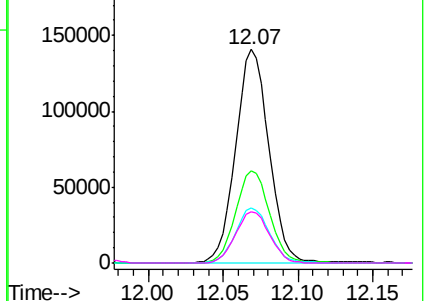


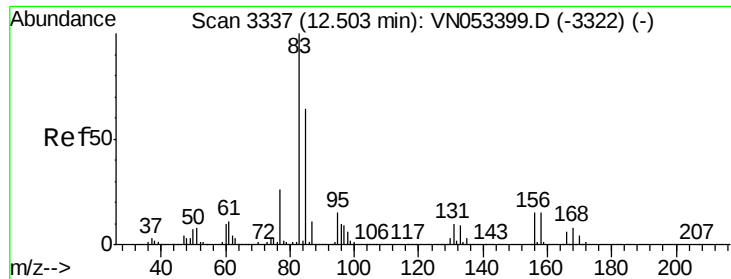
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.671 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

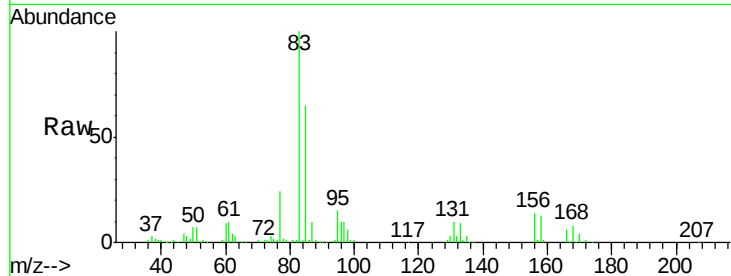
Tot Ion: 83 Resp: 169848

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.8
85	64.3	32.1	96.3

83 100

131 10.4 5.3 15.8

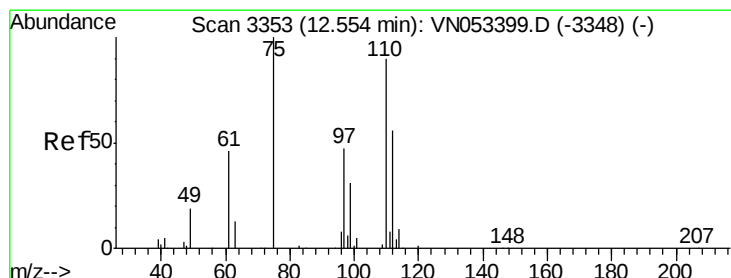
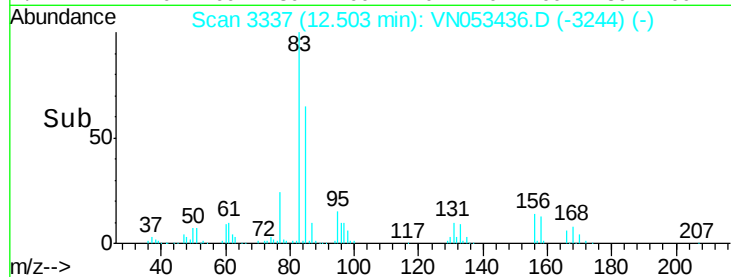
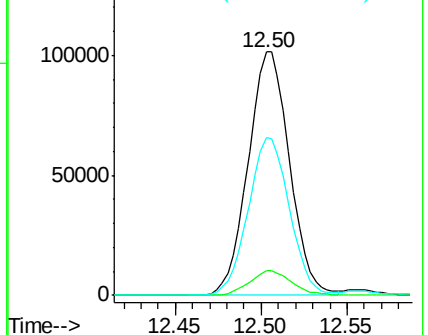
85 64.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 21.636 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053436.D

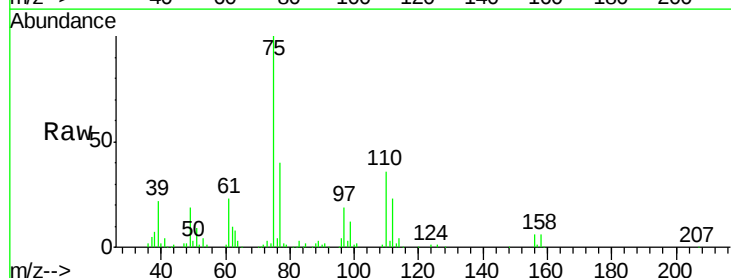
Acq: 17 Jan 2019 15:59

Tgt Ion: 75 Resp: 152545

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

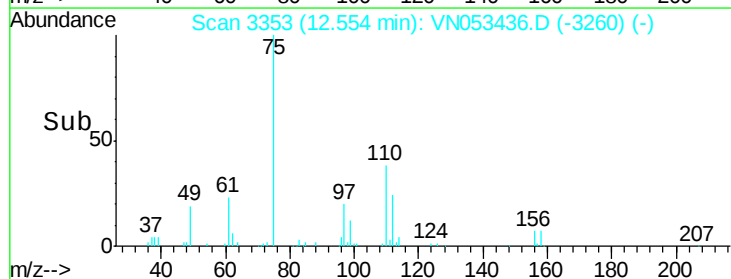
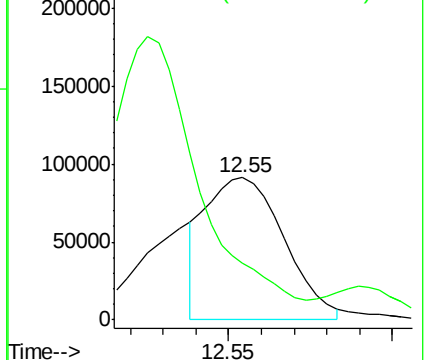
75 100

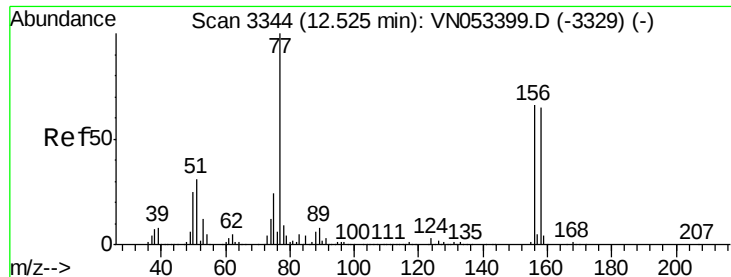
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.070 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

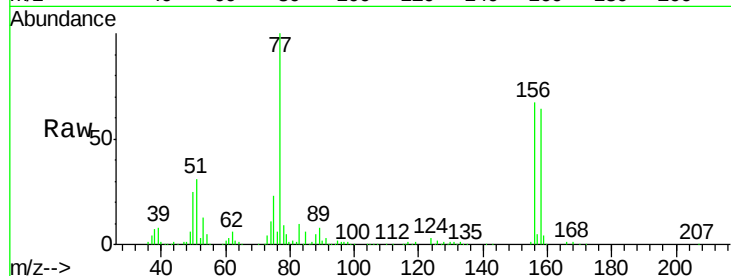
Tot Ion:156 Resp: 207202

Ion Ratio Lower Upper

156 100

77 173.9 87.9 263.8

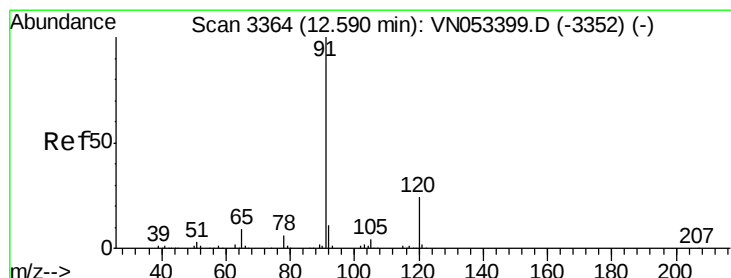
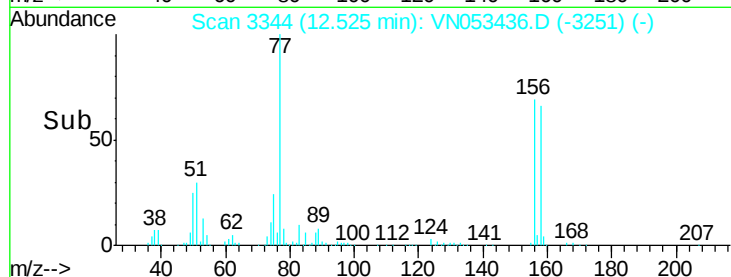
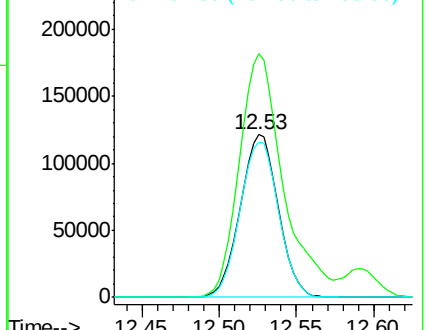
158 97.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.567 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053436.D

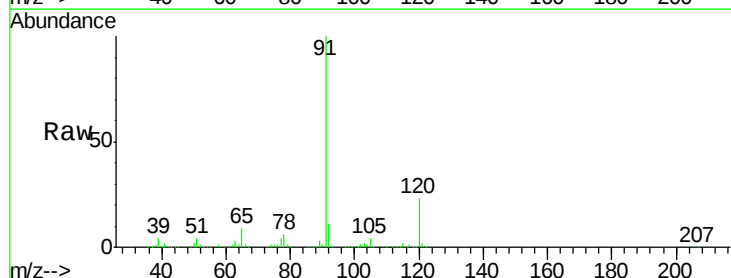
Acq: 17 Jan 2019 15:59

Tgt Ion: 91 Resp: 924953

Ion Ratio Lower Upper

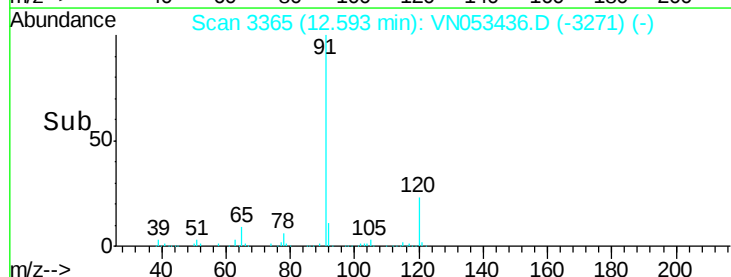
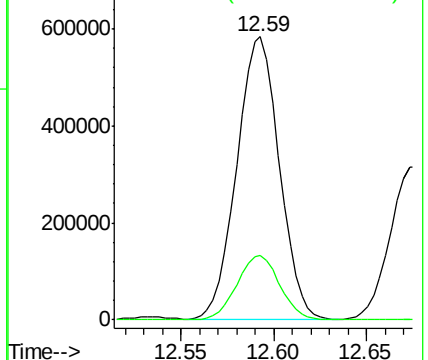
91 100

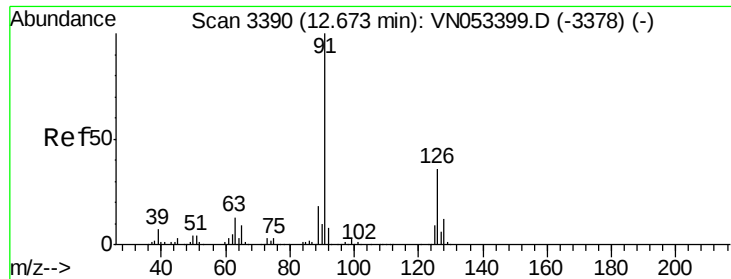
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.951 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053436.D

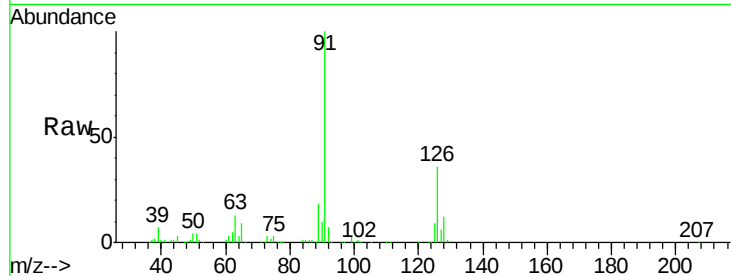
Acq: 17 Jan 2019 15:59

Tot Ion: 91 Resp: 531837

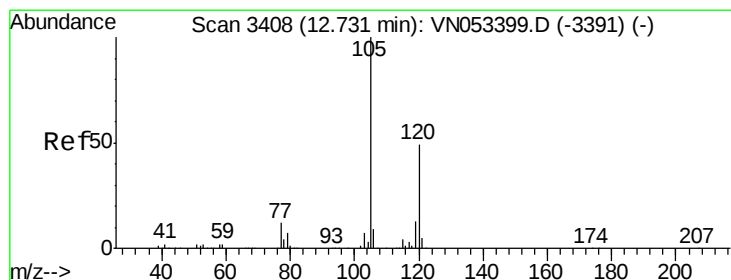
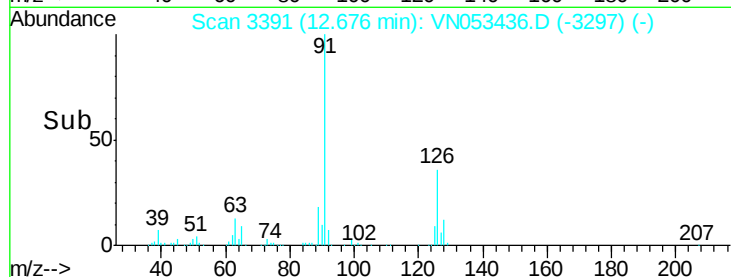
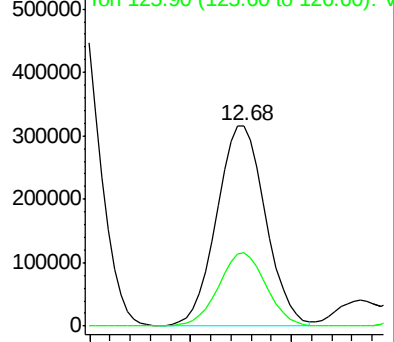
Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053399.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.499 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053436.D

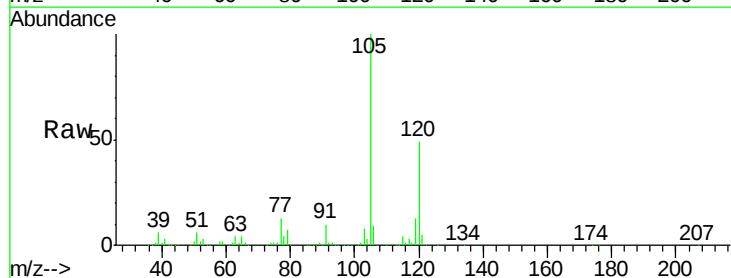
Acq: 17 Jan 2019 15:59

Tgt Ion: 105 Resp: 653431

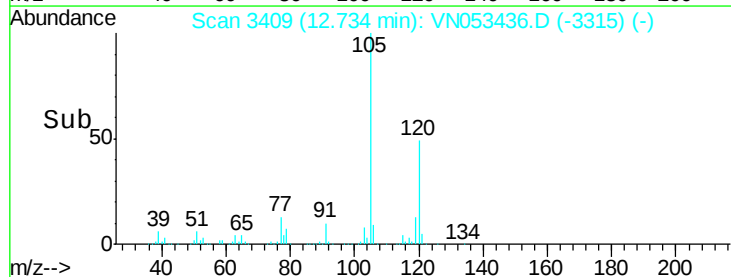
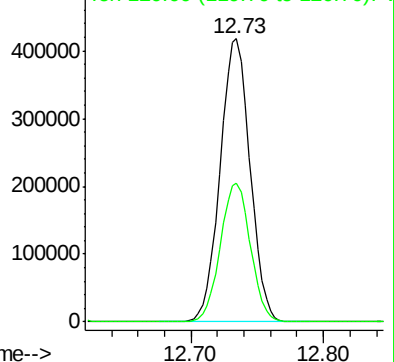
Ion Ratio Lower Upper

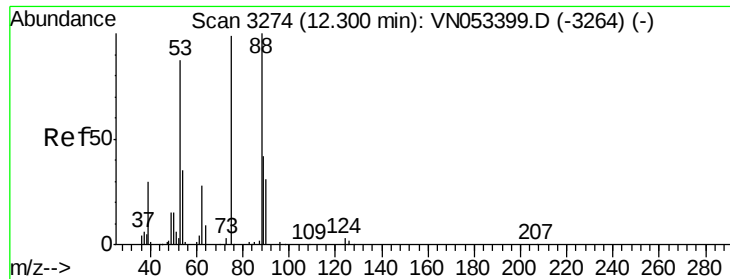
105 100

120 49.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.728 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

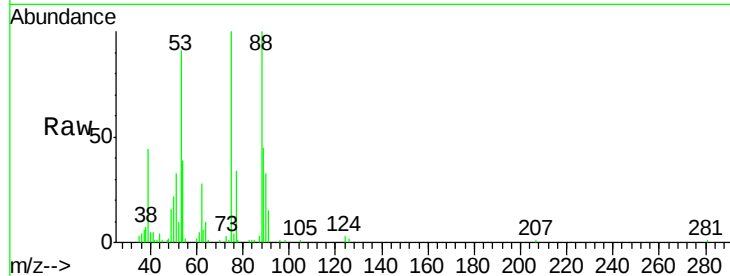
Tot Ion: 75 Resp: 50459

Ion Ratio Lower Upper

75 100

53 91.6 69.8 104.6

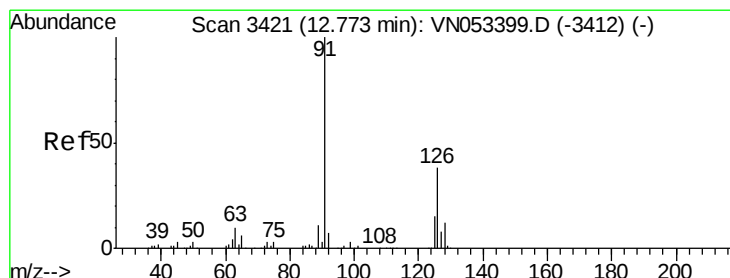
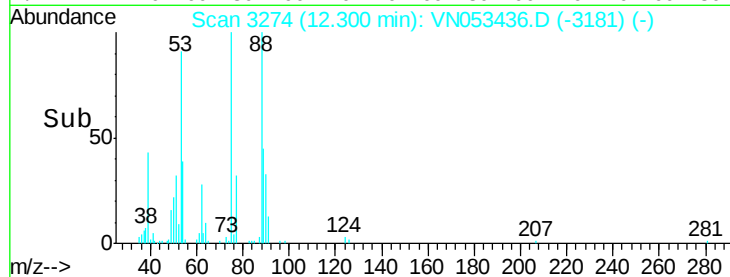
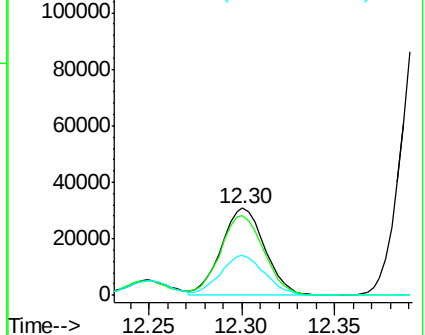
89 46.8 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.378 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053436.D

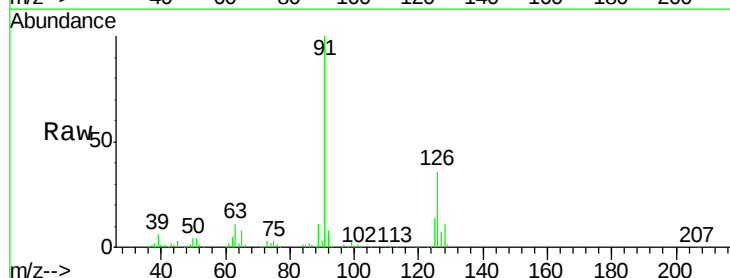
Acq: 17 Jan 2019 15:59

Tgt Ion: 91 Resp: 553972

Ion Ratio Lower Upper

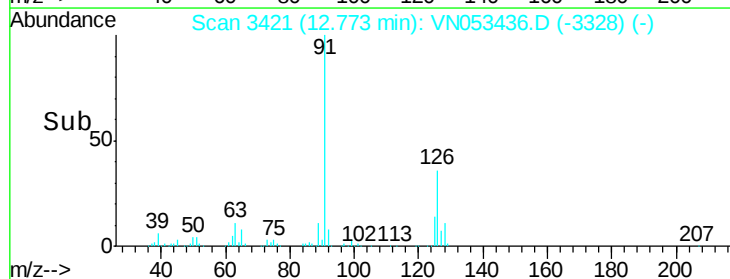
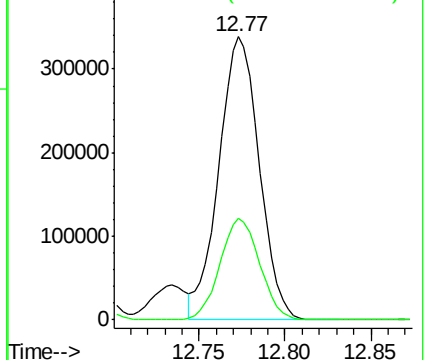
91 100

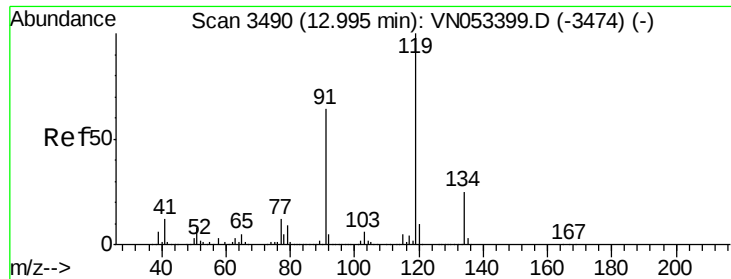
126 35.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

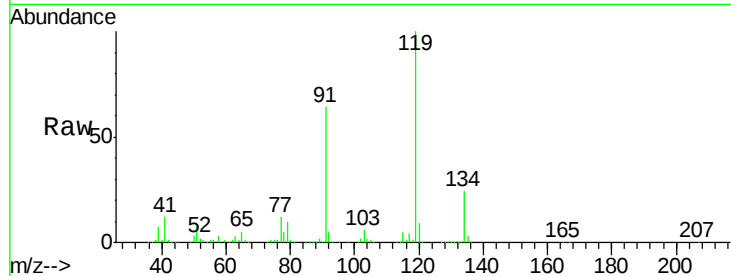
Ion 125.90 (125.60 to 126.60): V



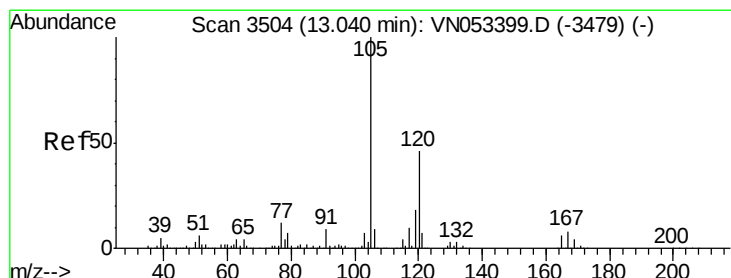
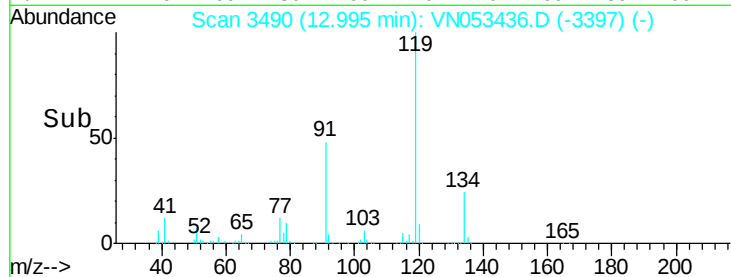
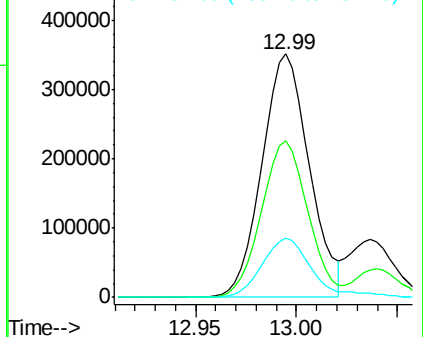


#83
tert-Butylbenzene
Concen: 20.426 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tot Ion:119 Resp: 575070
Ion Ratio Lower Upper
119 100
91 63.4 31.3 93.8
134 25.6 12.9 38.7

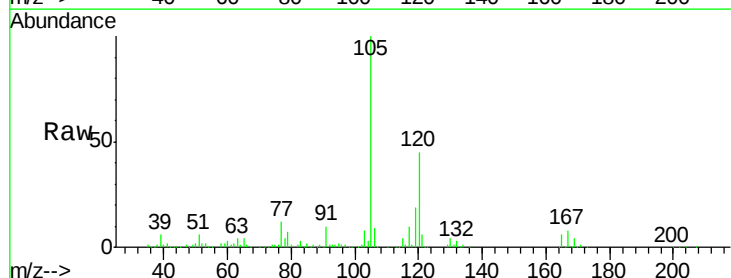


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

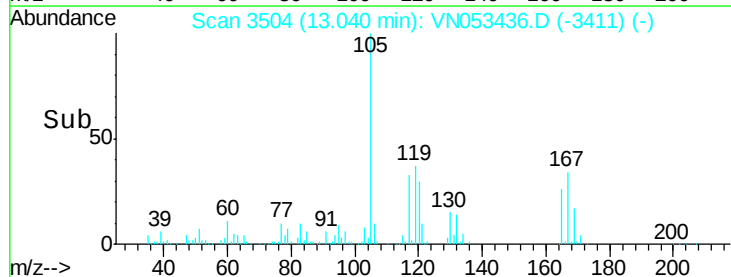
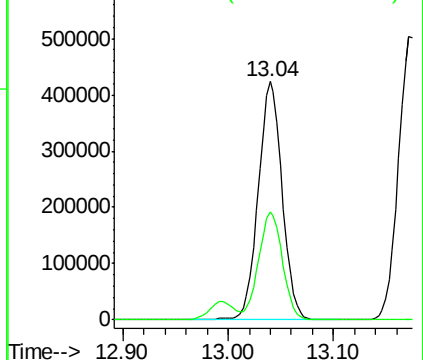


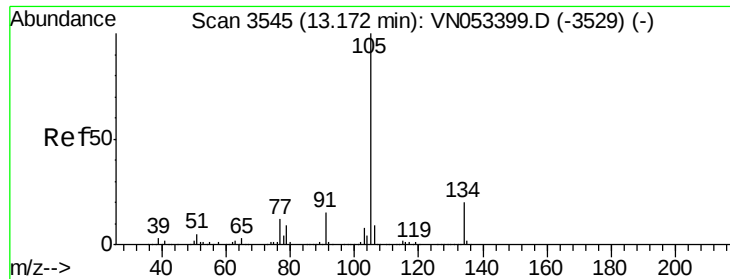
#84
1,2,4-Trimethylbenzene
Concen: 20.781 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion:105 Resp: 667924
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 20.719 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053436.D

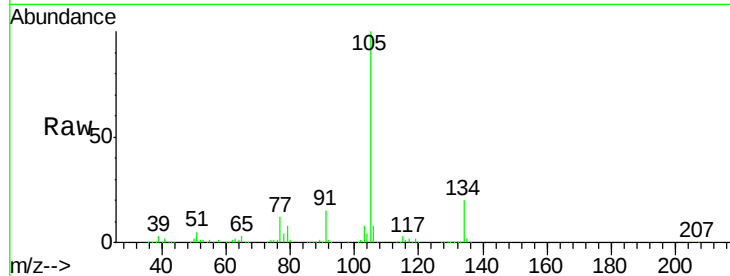
Acq: 17 Jan 2019 15:59

Tot Ion:105 Resp: 799992

Ion Ratio Lower Upper

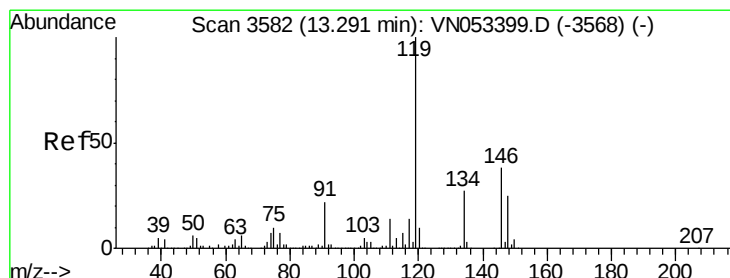
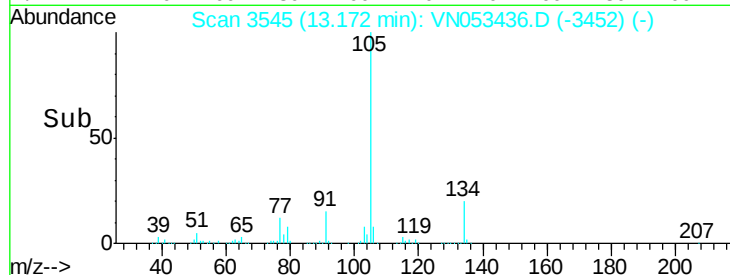
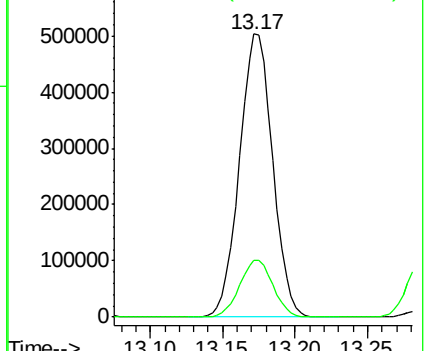
105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.808 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

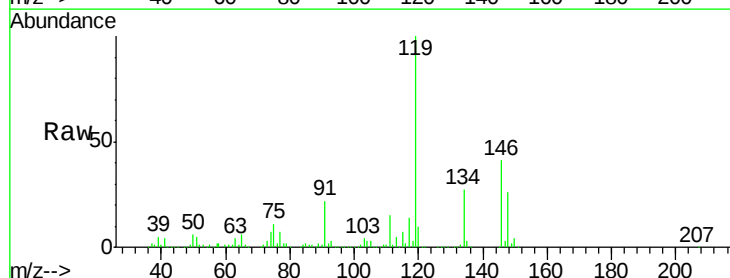
Tgt Ion:119 Resp: 697626

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

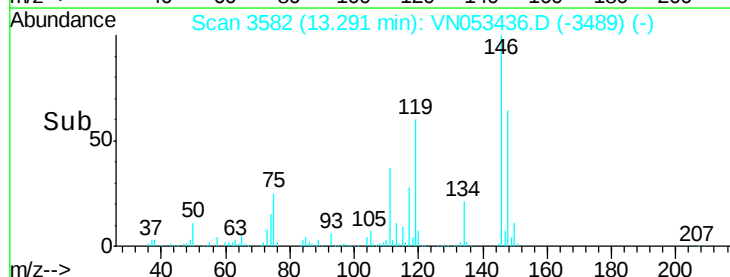
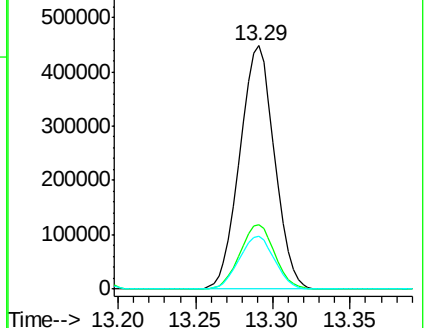
91 22.0 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.467 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

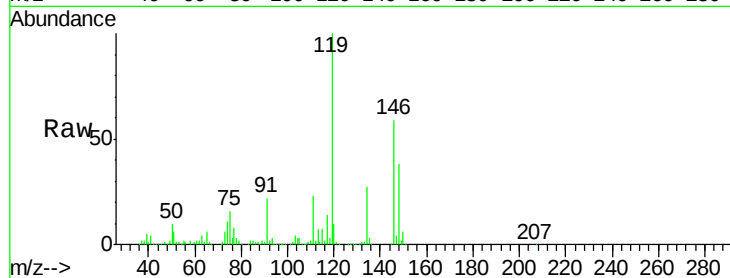
Tot Ion:146 Resp: 371673

Ion Ratio Lower Upper

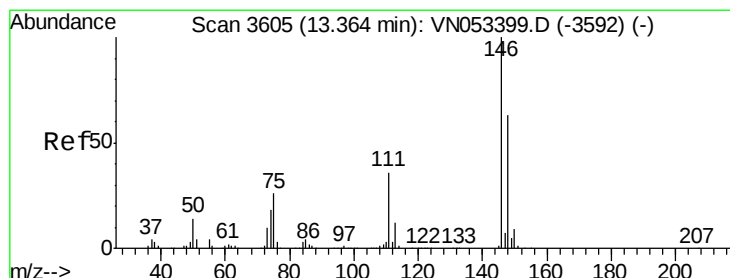
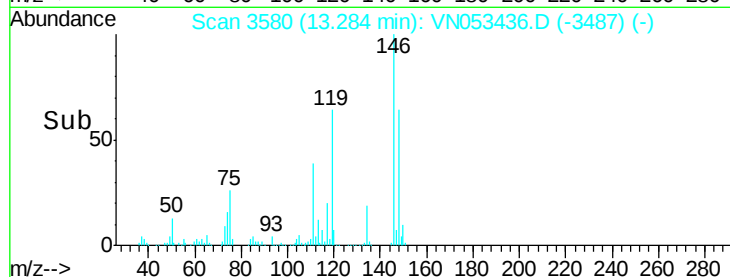
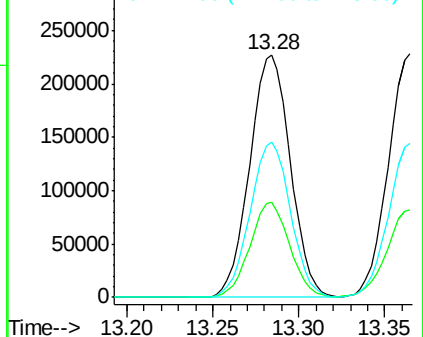
146 100

111 38.2 18.8 56.3

148 63.6 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: 20.304 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

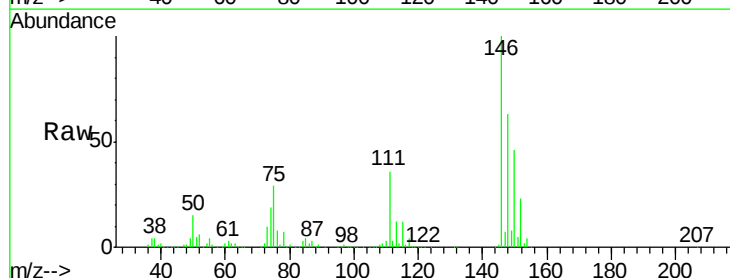
Tgt Ion:146 Resp: 369850

Ion Ratio Lower Upper

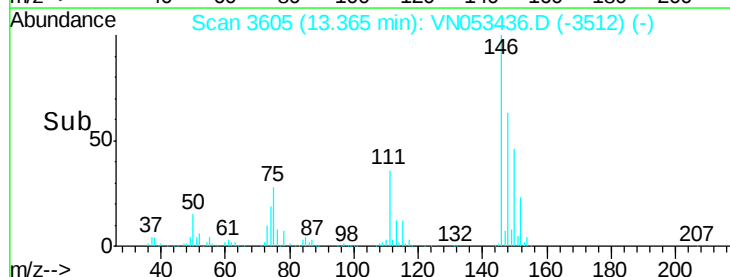
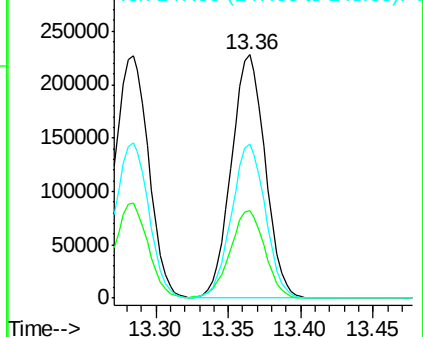
146 100

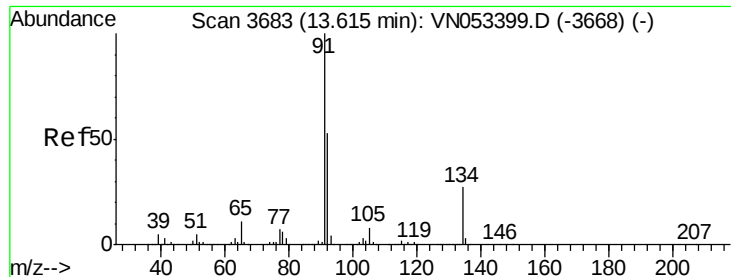
111 37.1 18.6 55.8

148 63.3 32.4 97.0



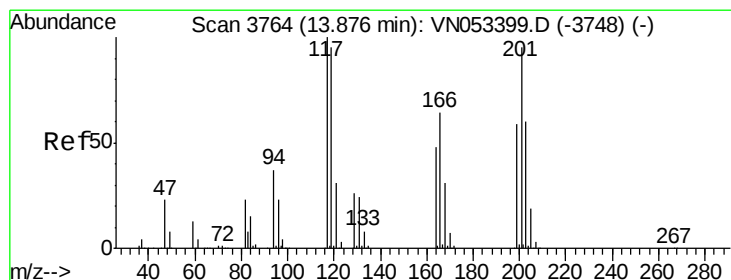
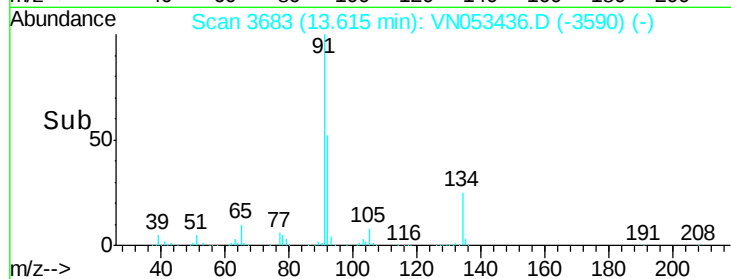
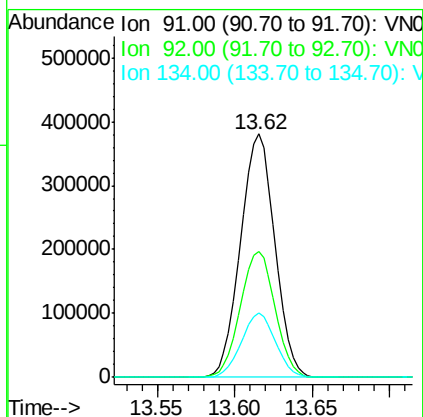
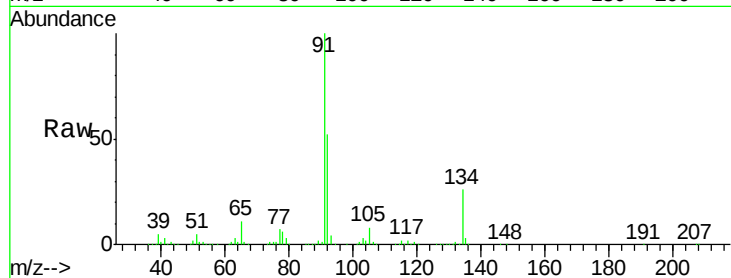
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





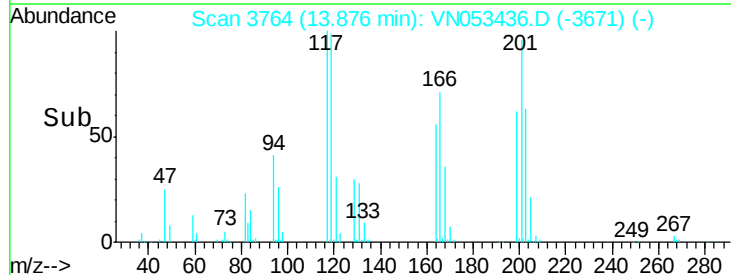
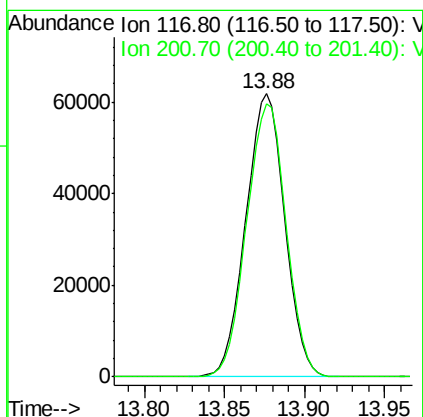
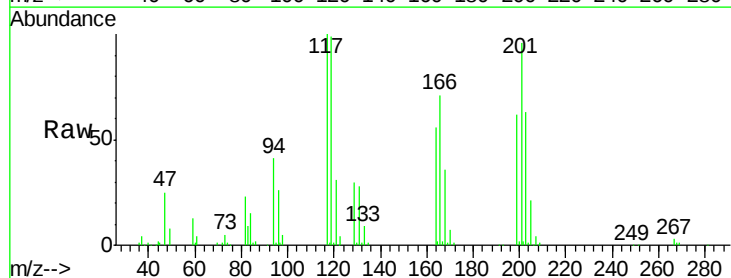
#89
n-Butylbenzene
Concen: 20.636 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

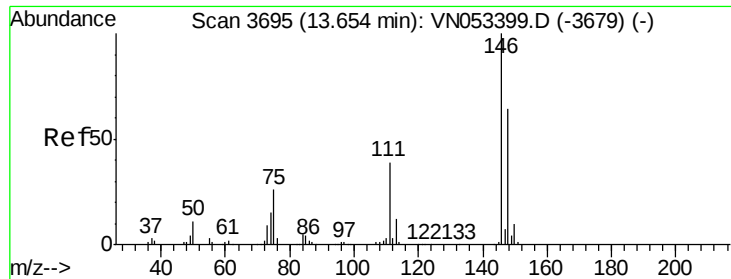
Tot Ion: 91 Resp: 589743
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.8
134 26.2 13.5 40.5



#90
Hexachloroethane
Concen: 19.619 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053436.D
Acq: 17 Jan 2019 15:59

Tgt Ion: 117 Resp: 103158
Ion Ratio Lower Upper
117 100
201 97.8 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 21.080 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

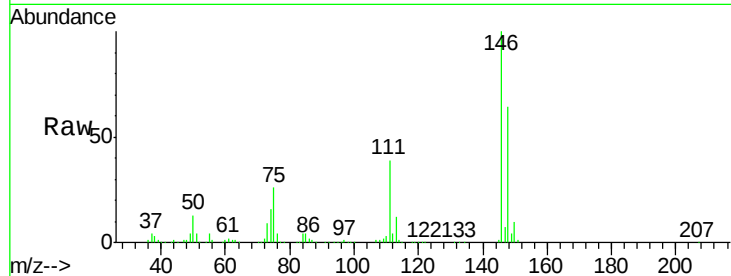
Tot Ion:146 Resp: 352188

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

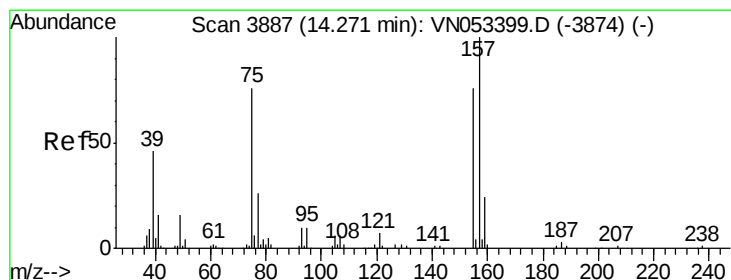
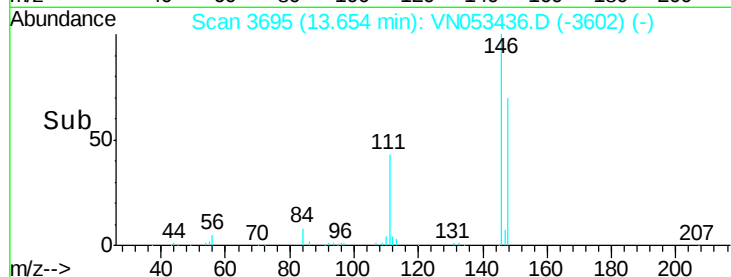
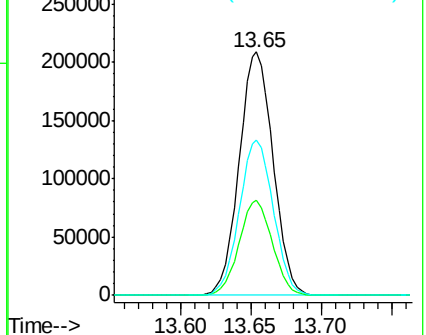
148 63.9 31.9 95.9



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: 23.756 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

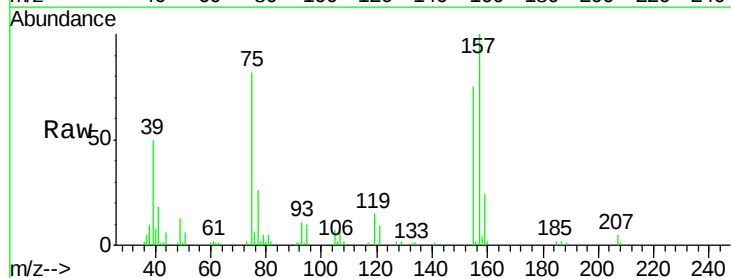
Tgt Ion: 75 Resp: 24751

Ion Ratio Lower Upper

75 100

155 95.8 48.9 146.7

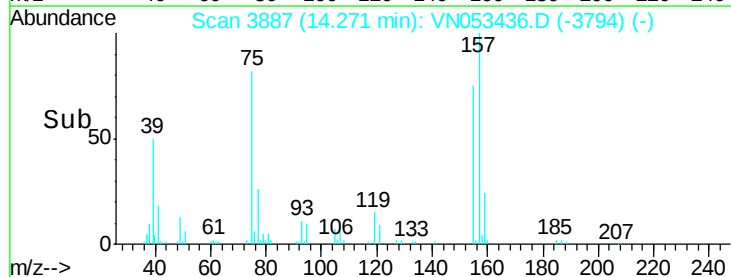
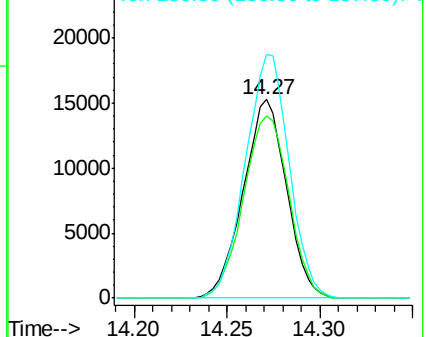
157 123.8 63.7 191.3

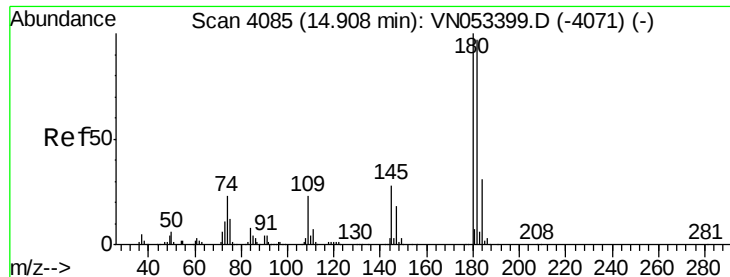


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

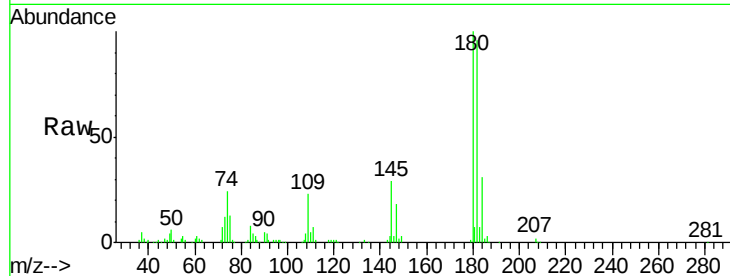
Ion 156.80 (156.50 to 157.50): V



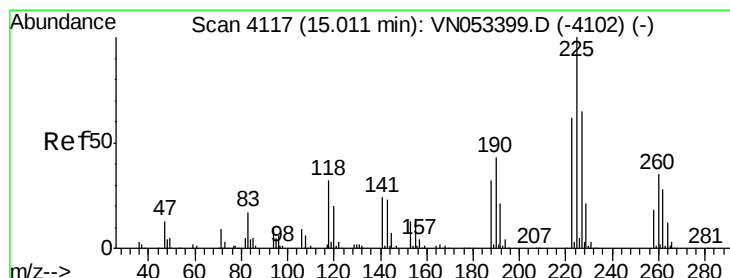
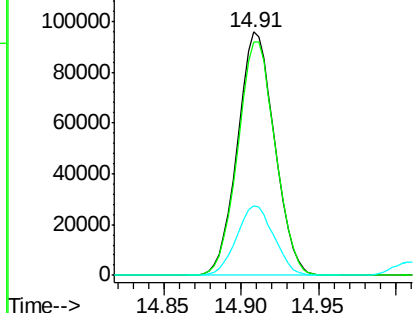
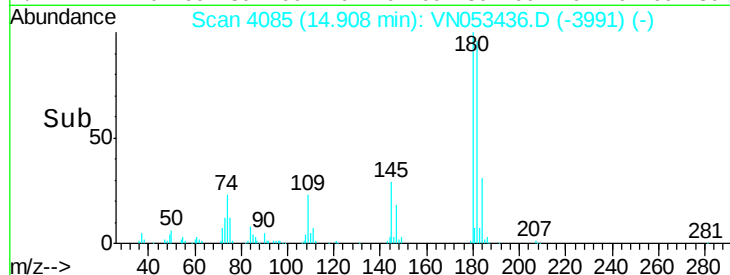


#93
 1,2,4-Trichlorobenzene
 Concen: 23.163 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tot Ion:180 Resp: 159161
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.1 144.3
 145 28.8 13.9 41.6

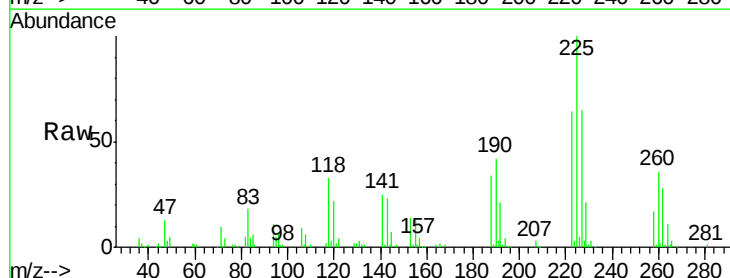


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

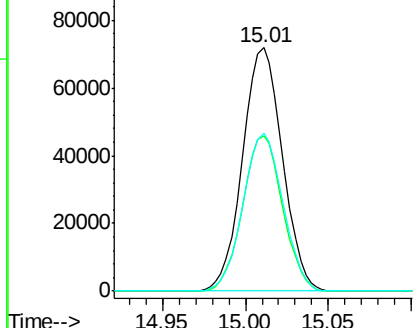
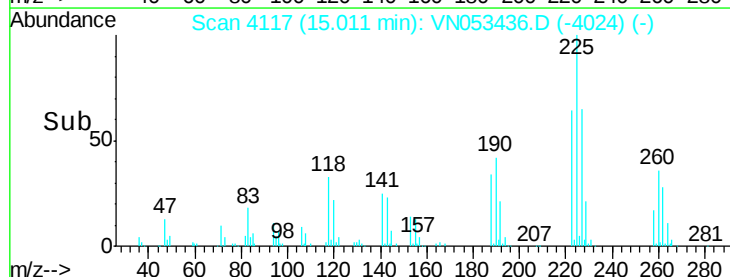


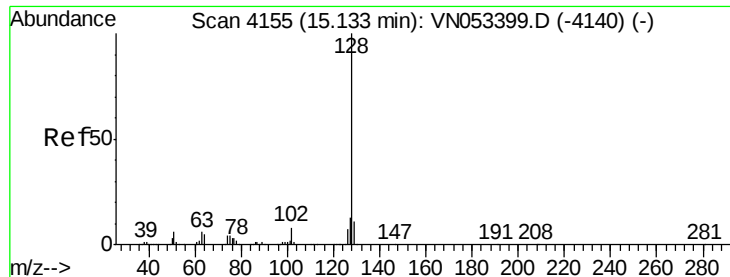
#94
 Hexachlorobutadiene
 Concen: 23.070 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053436.D
 Acq: 17 Jan 2019 15:59

Tgt Ion:225 Resp: 120232
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.2
 227 64.9 32.0 96.2



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





#95

Naphthalene

Concen: 22.996 ug/l

RT: 15.13 min Scan# 4155

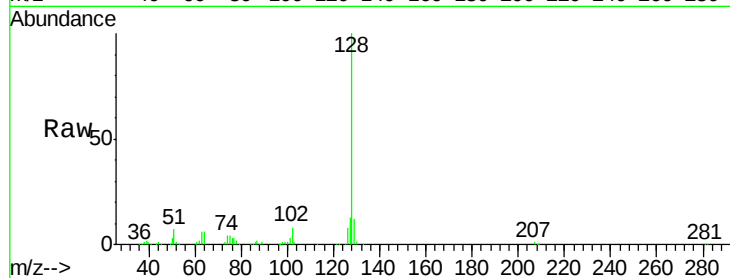
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion:128 Resp: 267547

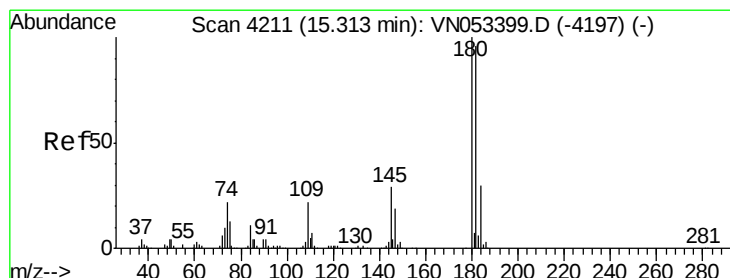
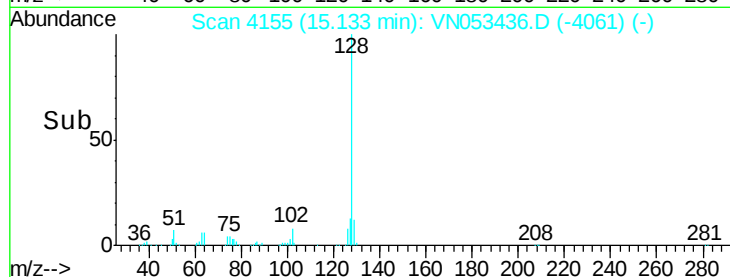
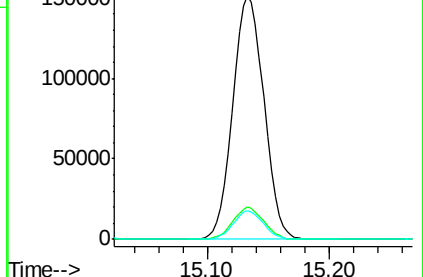
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 24.955 ug/l

RT: 15.31 min Scan# 4211

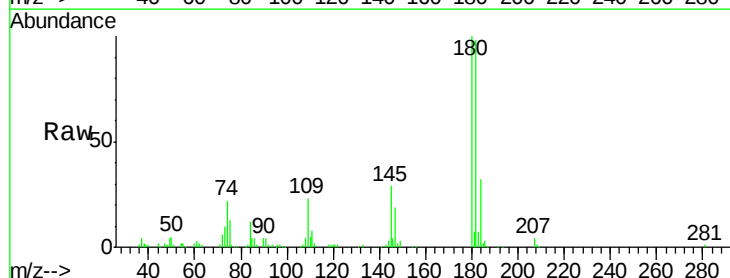
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion:180 Resp: 123166

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.9	143.8
145	29.3	14.7	44.1



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

