

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053437.D
 Acq On : 17 Jan 2019 16:26
 Operator : JC/SP
 Sample : VN0117WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Quant Time: Jan 18 00:10:33 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	819619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1243875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1115793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	524975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	410926	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	362440	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	1477254	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	508306	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	131893	20.015	ug/l 99
3) Chloromethane	2.06	50	181647	19.280	ug/l 100
4) Vinyl Chloride	2.19	62	176392	19.422	ug/l 100
5) Bromomethane	2.58	94	121505	19.498	ug/l 96
6) Chloroethane	2.71	64	106686	19.429	ug/l 97
7) Trichlorofluoromethane	3.03	101	242017	20.373	ug/l 99
8) Diethyl Ether	3.41	74	93510	20.958	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154441	20.528	ug/l 99
10) Methyl Iodide	3.96	142	227369	19.777	ug/l 100
11) Tert butyl alcohol	4.78	59	47937	120.929	ug/l # 86
12) 1,1-Dichloroethene	3.74	96	145373	19.922	ug/l 97
13) Acrolein	3.61	56	64596	98.652	ug/l 99
14) Allyl chloride	4.33	41	242650	20.472	ug/l 98
15) Acrylonitrile	4.99	53	287832	110.332	ug/l 99
16) Acetone	3.82	43	203499	107.067	ug/l 99
17) Carbon Disulfide	4.06	76	430337	19.501	ug/l 99
18) Methyl Acetate	4.33	43	136360	21.294	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	417053	21.510	ug/l 99
20) Methylene Chloride	4.55	84	174742	20.137	ug/l 99
21) trans-1,2-Dichloroethene	5.05	96	160099	20.522	ug/l 98
22) Diisopropyl ether	5.95	45	527130	21.303	ug/l 96
23) Vinyl Acetate	5.90	43	1635657	107.534	ug/l 100
24) 1,1-Dichloroethane	5.85	63	306052	20.923	ug/l 99
25) 2-Butanone	6.84	43	324297	110.721	ug/l 99
26) 2,2-Dichloropropane	6.83	77	226210	20.482	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	184760	20.710	ug/l 99
28) Bromochloromethane	7.19	49	133016	20.641	ug/l 99
29) Tetrahydrofuran	7.21	42	214836	112.671	ug/l 99
30) Chloroform	7.37	83	302896	21.253	ug/l 99
31) Cyclohexane	7.66	56	284625	19.859	ug/l 94
32) 1,1,1-Trichloroethane	7.57	97	251948	20.840	ug/l 99
36) 1,1-Dichloropropene	7.79	75	232069	20.486	ug/l 99
37) Ethyl Acetate	6.93	43	143974	22.091	ug/l 99
38) Carbon Tetrachloride	7.78	117	217668	20.296	ug/l 99

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 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)

39) Methylcyclohexane	9.08	83	272841	19.487	ug/l	99
40) Benzene	8.04	78	706355	20.519	ug/l	100
41) Methacrylonitrile	7.17	41	79733	20.981	ug/l	94
42) 1,2-Dichloroethane	8.12	62	207062	20.647	ug/l	99
43) Isopropyl Acetate	8.16	43	261642	22.326	ug/l #	89
44) Trichloroethene	8.84	130	193322	20.251	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185327	20.326	ug/l	98
46) Dibromomethane	9.21	93	108407	20.694	ug/l	99
47) Bromodichloromethane	9.40	83	225310	20.452	ug/l	98
48) Methyl methacrylate	9.20	41	125286	20.706	ug/l	97
49) 1,4-Dioxane	9.20	88	28789	487.174	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	707600	110.608	ug/l	100
52) Toluene	10.16	92	431240	20.179	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227308	20.356	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	270909	20.696	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	156289	21.212	ug/l	100
56) Ethyl methacrylate	10.43	69	201763	20.559	ug/l	99
57) 1,3-Dichloropropane	10.71	76	267955	21.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	538260	104.424	ug/l	100
59) 2-Hexanone	10.75	43	492221	109.605	ug/l	100
60) Dibromochloromethane	10.90	129	170038	20.347	ug/l	98
61) 1,2-Dibromoethane	11.01	107	157392	21.122	ug/l	99
64) Tetrachloroethene	10.63	164	212451	20.204	ug/l	99
65) Chlorobenzene	11.43	112	482731	20.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	169802	20.667	ug/l	99
67) Ethyl Benzene	11.51	91	815636	20.264	ug/l	100
68) m/p-Xylenes	11.62	106	626137	41.202	ug/l	99
69) o-Xylene	11.95	106	305235	20.671	ug/l	99
70) Styrene	11.96	104	502625	20.973	ug/l	100
71) Bromoform	12.13	173	120654	21.331	ug/l #	99
73) Isopropylbenzene	12.25	105	804220	20.919	ug/l	100
74) N-amyl acetate	12.07	43	224326	21.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	178263	22.109	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	238259	34.440	ug/l #	100
77) Bromobenzene	12.53	156	210841	20.813	ug/l	98
78) n-propylbenzene	12.59	91	922745	20.910	ug/l	99
79) 2-Chlorotoluene	12.67	91	543998	20.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	659774	21.093	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52692	20.832	ug/l	96
82) 4-Chlorotoluene	12.77	91	557944	20.916	ug/l	99
83) tert-Butylbenzene	12.99	119	578884	20.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	666567	21.135	ug/l	100
85) sec-Butylbenzene	13.17	105	786247	20.752	ug/l	99
86) p-Isopropyltoluene	13.29	119	681651	20.720	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	369650	20.744	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	364006	20.365	ug/l	99
89) n-Butylbenzene	13.62	91	562668	20.065	ug/l	100
90) Hexachloroethane	13.88	117	104266	20.208	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	353590	21.569	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24155	23.627	ug/l	97

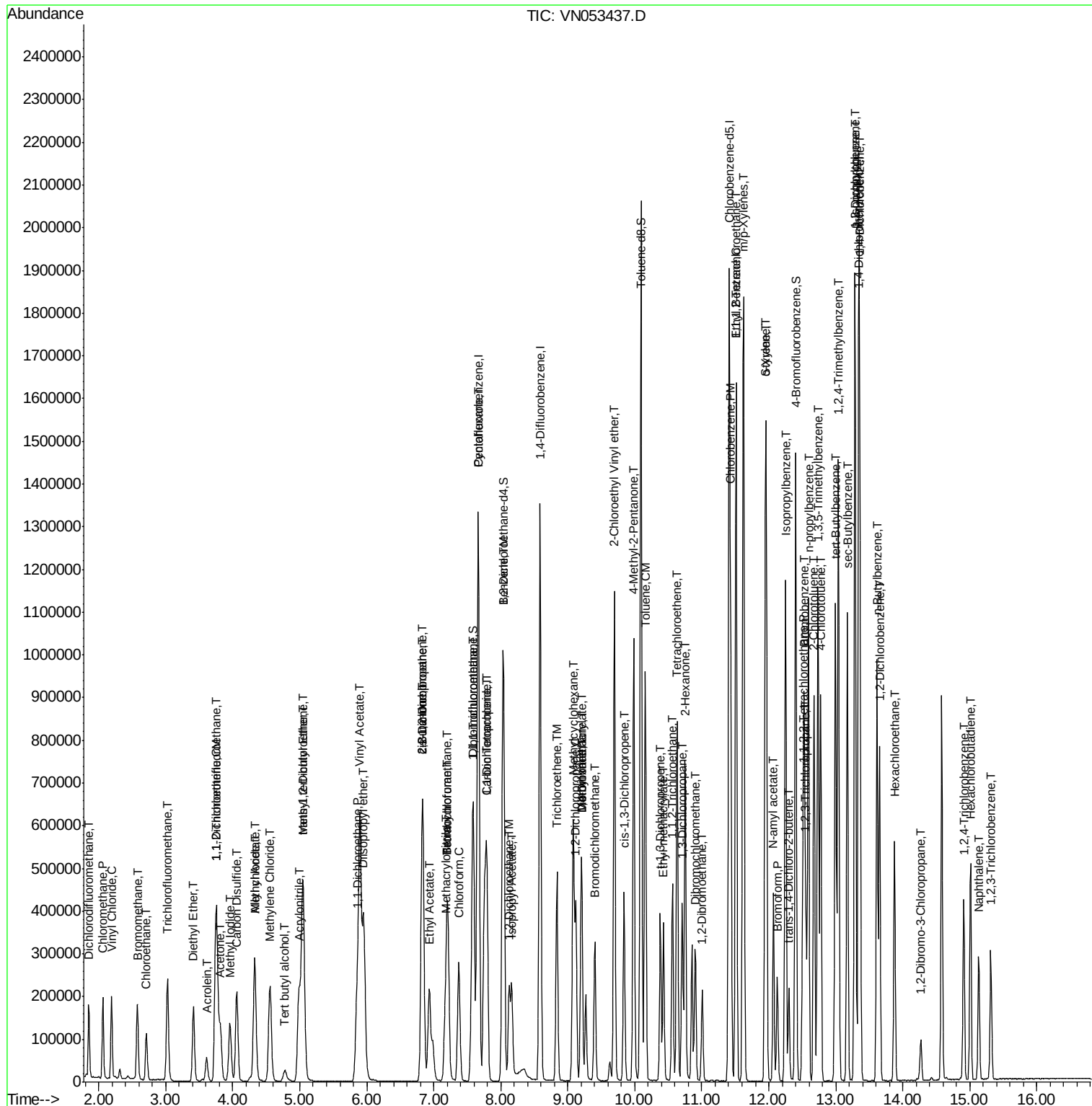
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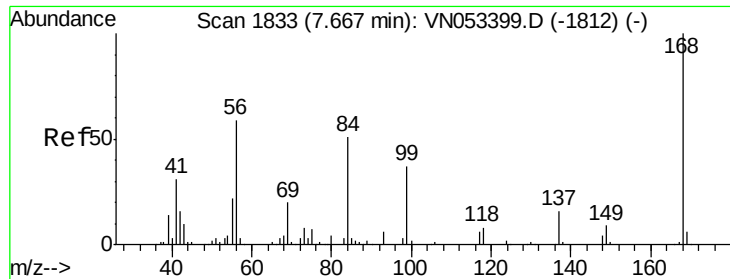
Quant Time: Jan 18 00:10:33 2019
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	149786	22.328	ug/l	100
94) Hexachlorobutadiene	15.01	225	113182	22.132	ug/l	100
95) Naphthalene	15.13	128	255699	22.500	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	115019	23.938	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: VN053437.D

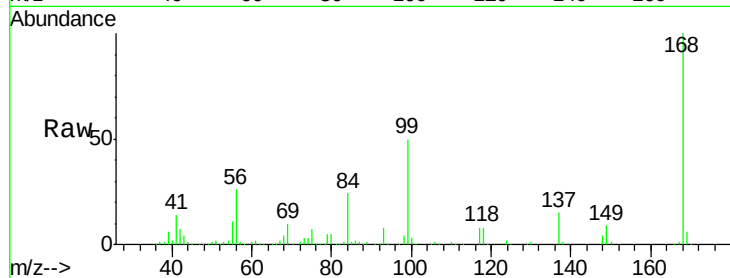
Acq: 17 Jan 2019 16:26

Tot Ion:168 Resp: 819619

Ion Ratio Lower Upper

168 100

99 50.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

300000

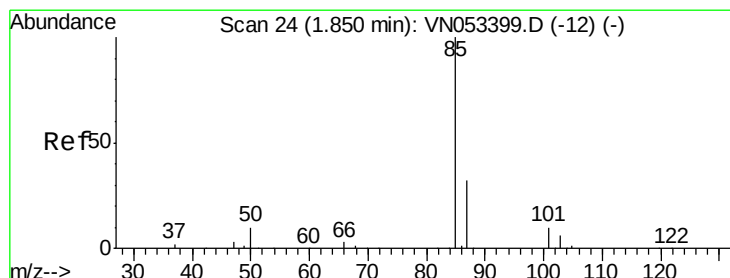
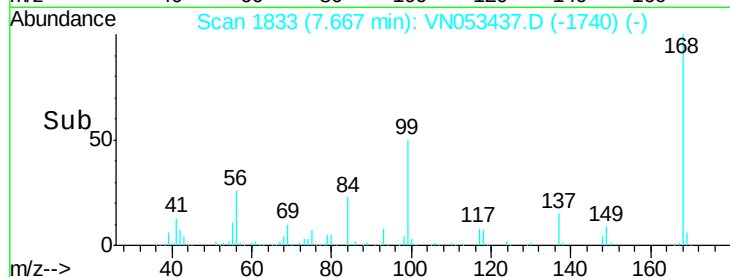
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.015 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053437.D

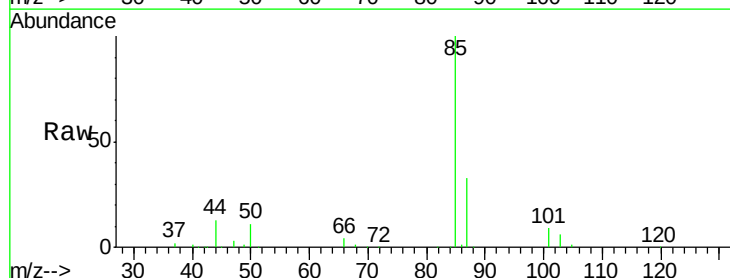
Acq: 17 Jan 2019 16:26

Tgt Ion: 85 Resp: 131893

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN053399.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN053399.D (-12) (-)

1.85

100000

80000

60000

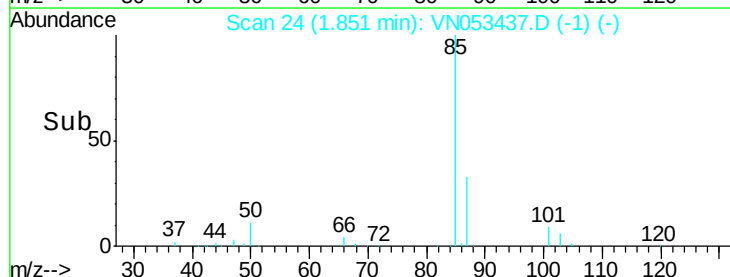
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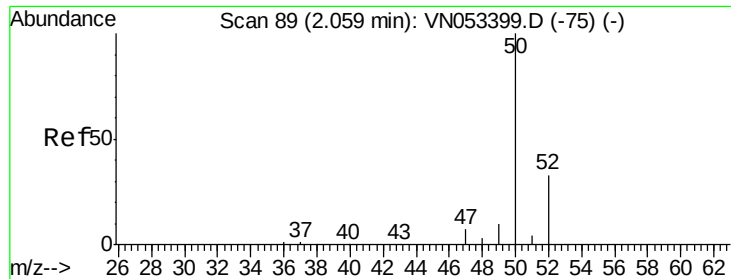
20000

0

1.80 1.85 1.90 1.95

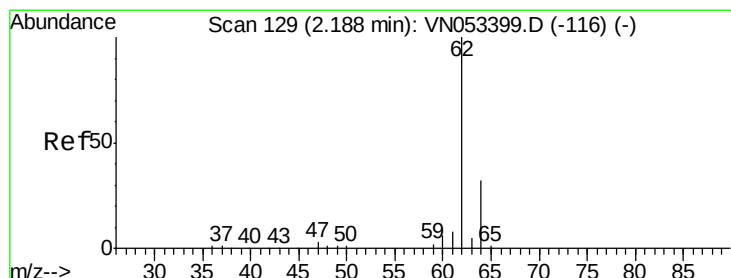
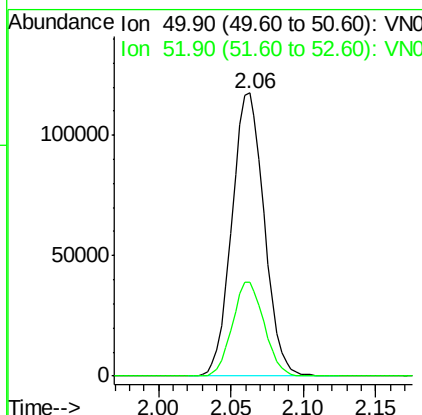
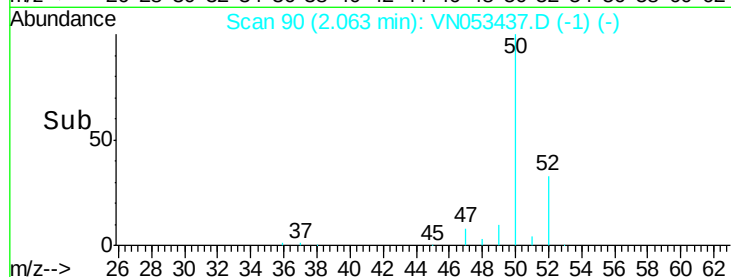
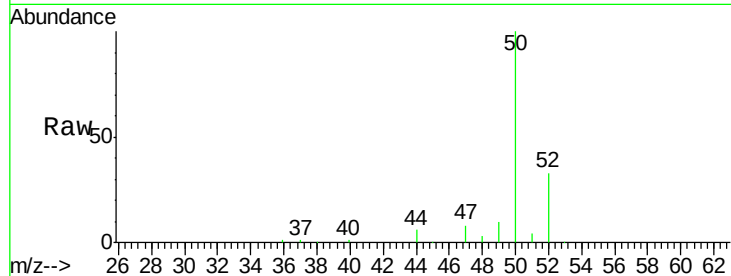
Time-->





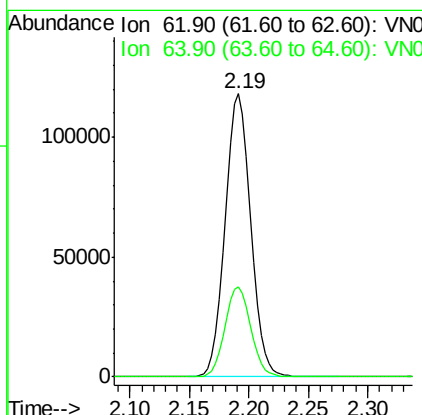
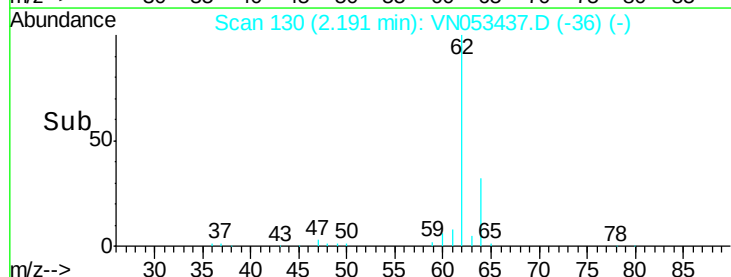
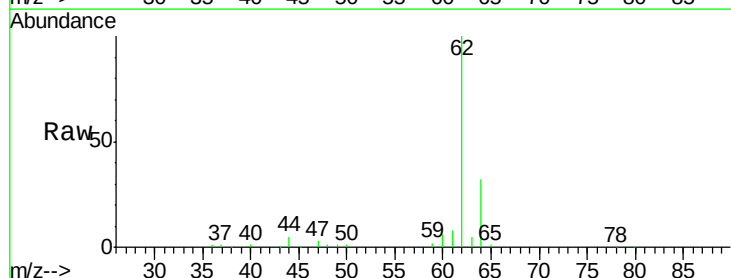
#3
Chloromethane
Concen: 19.280 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

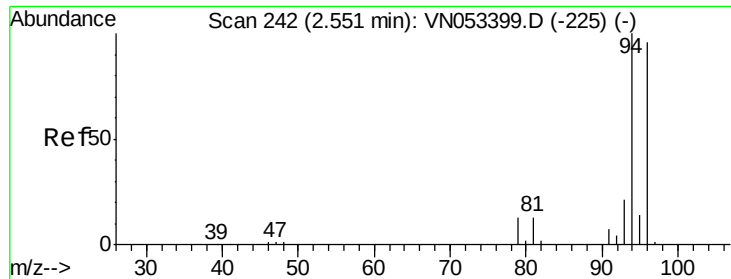
Tot Ion: 50 Resp: 181647
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 19.422 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

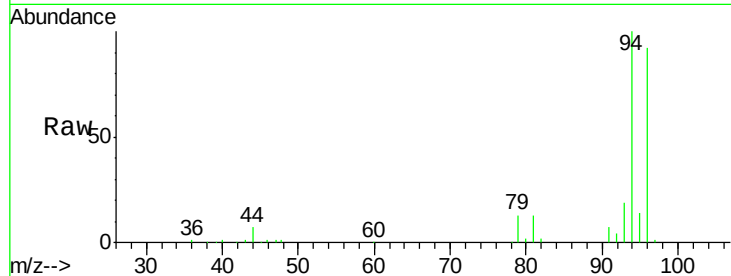
Tgt Ion: 62 Resp: 176392
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2



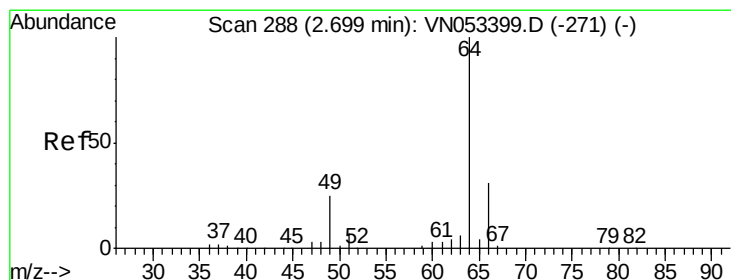
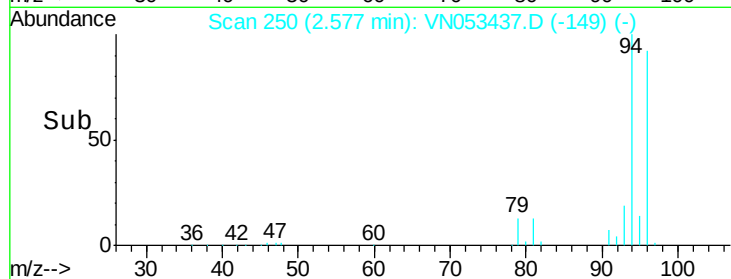
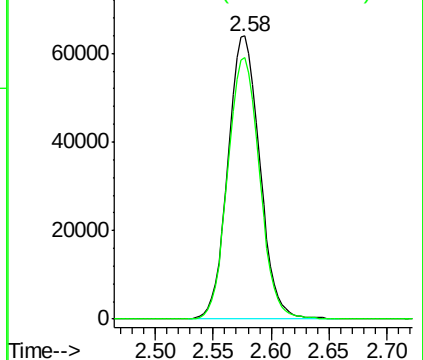


#5
Bromomethane
Concen: 19.498 ug/l
RT: 2.58 min Scan# 250
Delta R.T. 0.03 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion: 94 Resp: 121505
Ion Ratio Lower Upper
94 100
96 92.3 76.8 115.2

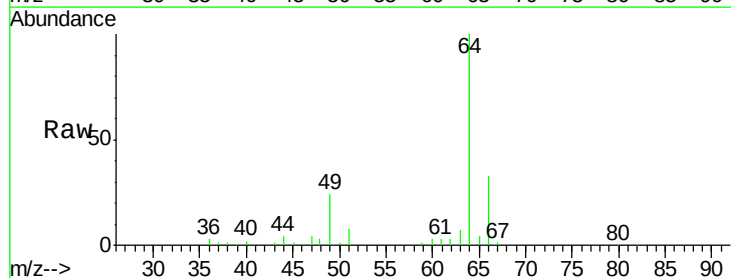


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

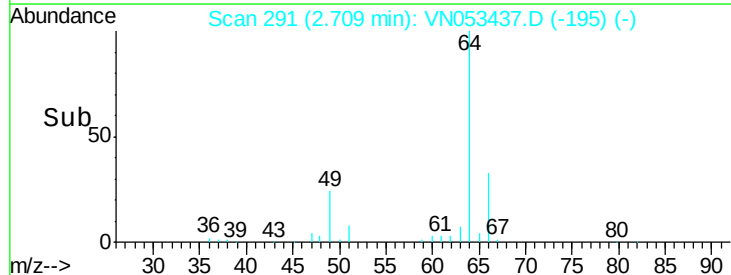
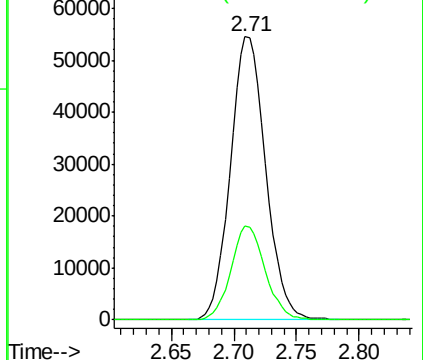


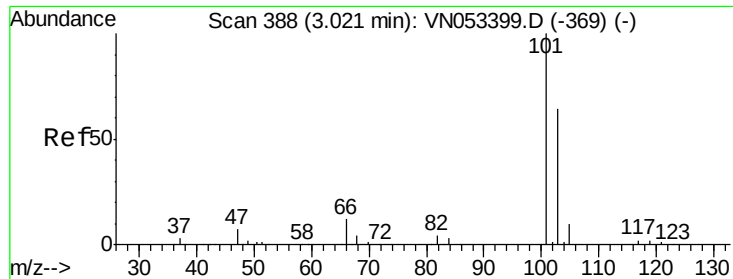
#6
Chloroethane
Concen: 19.429 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.01 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion: 64 Resp: 106686
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0

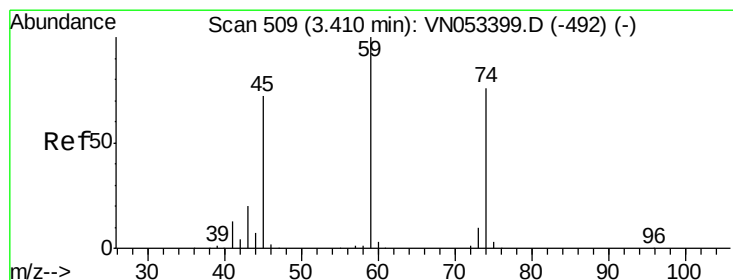
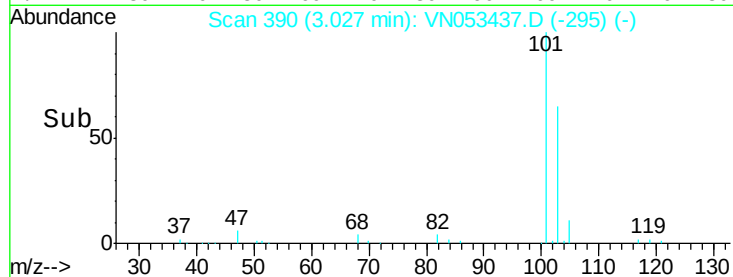
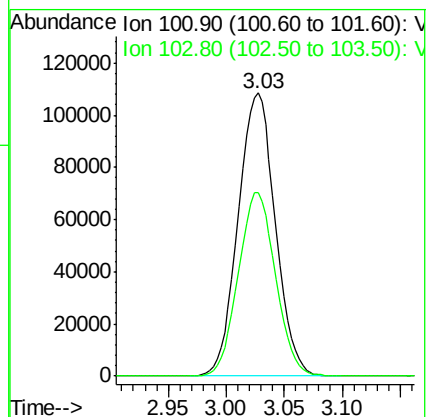
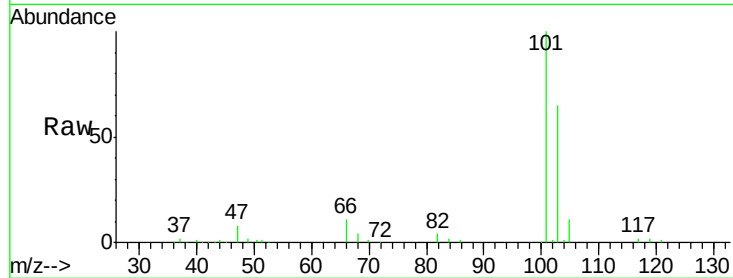




#7

Trichlorofluoromethane
Concen: 20.373 ug/l
RT: 3.03 min Scan# 390
Delta R.T. 0.01 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

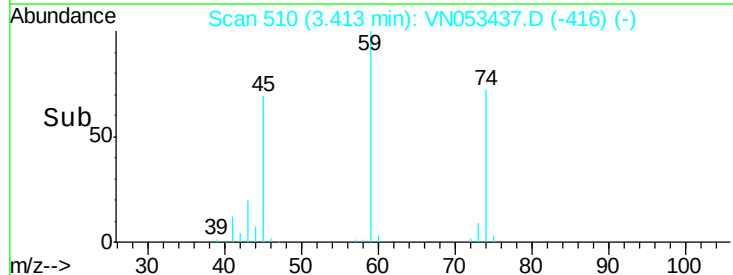
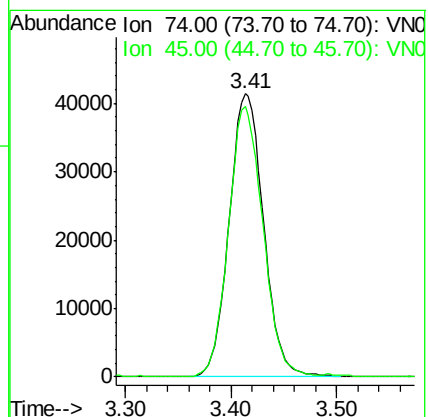
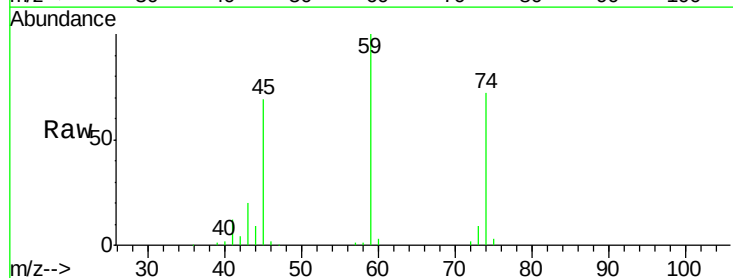
Tot Ion:101 Resp: 242017
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

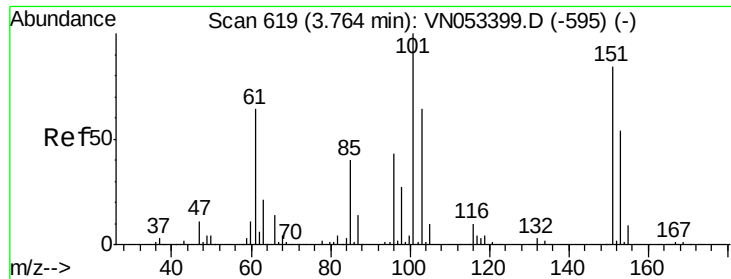


#8

Diethyl Ether
Concen: 20.958 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

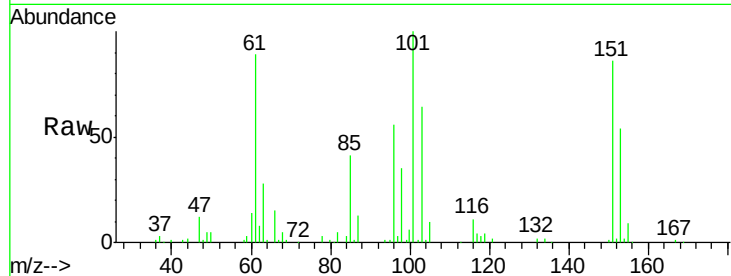
Tgt Ion: 74 Resp: 93510
Ion Ratio Lower Upper
74 100
45 95.8 47.9 143.7



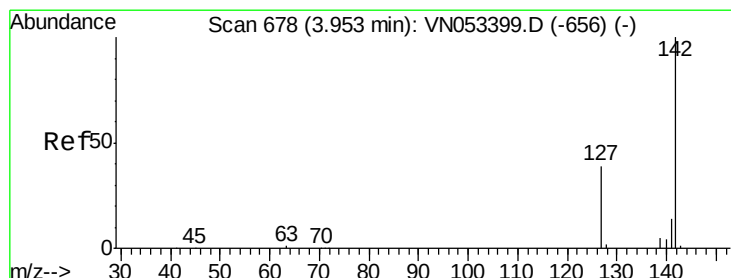
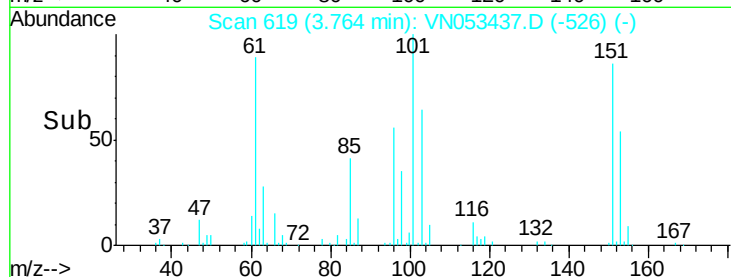
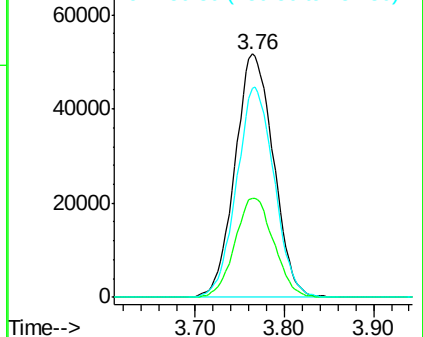


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.528 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.1	32.8	49.2
151	84.4	66.9	100.3

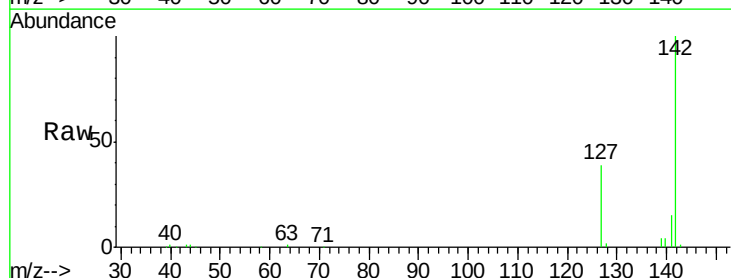


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

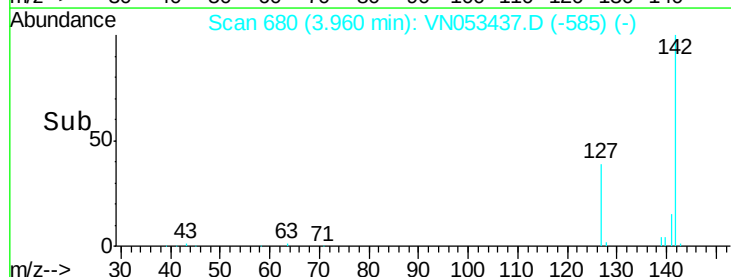
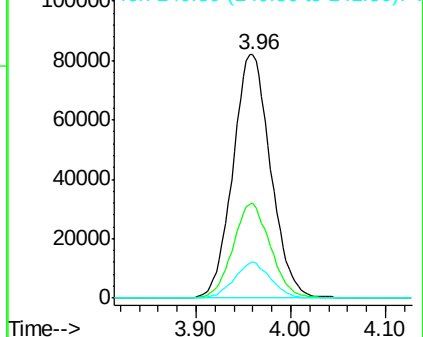


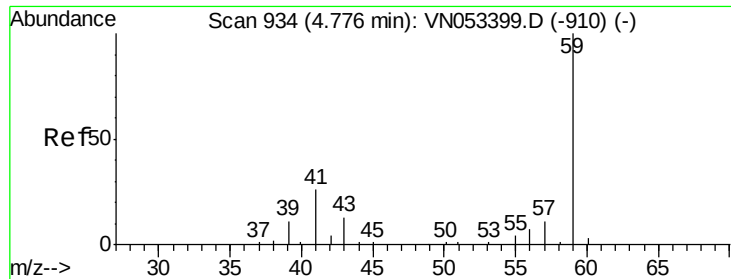
#10
 Methyl Iodide
 Concen: 19.777 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.6	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

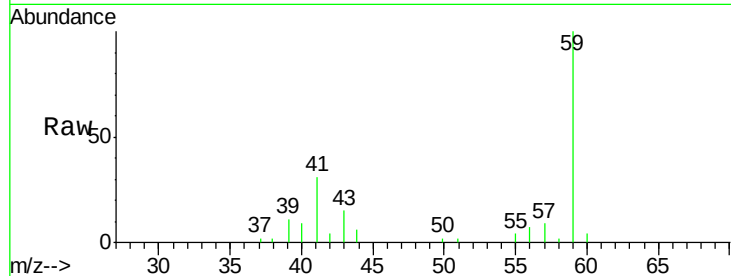




#11

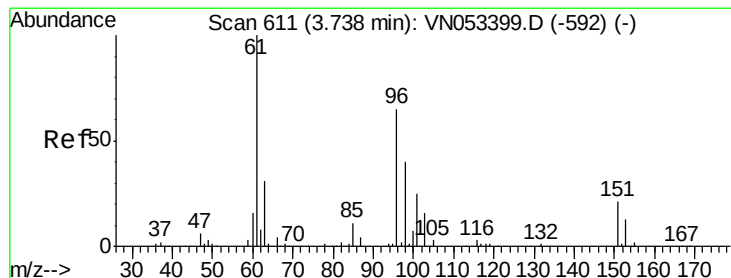
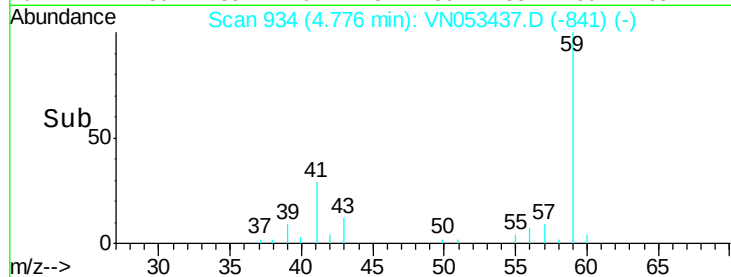
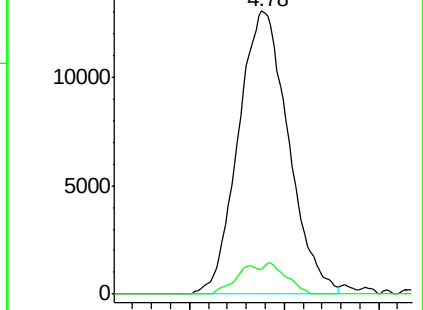
Tert butyl alcohol
Concen: 120.929 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion	59	Resp	47937
Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.2	12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

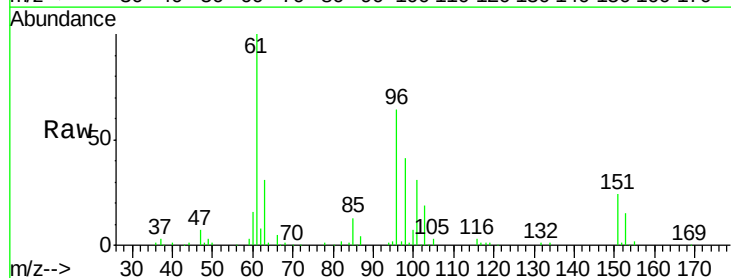
Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene
Concen: 19.922 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

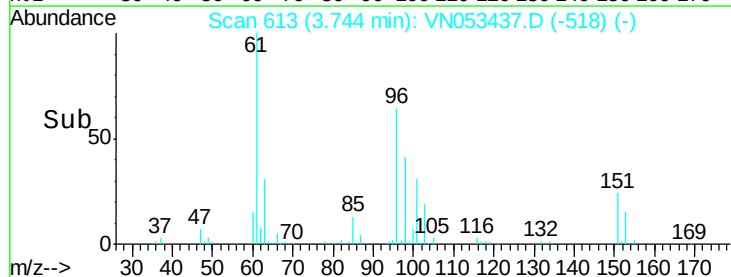
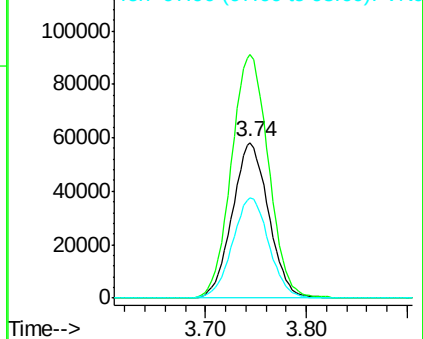
Tgt Ion	96	Resp	145373
Ion	Ratio	Lower	Upper
96	100		
61	156.7	122.9	184.3
98	64.6	49.4	74.0

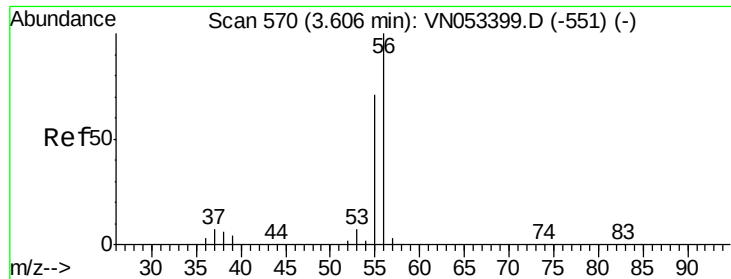


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 98.652 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053437.D

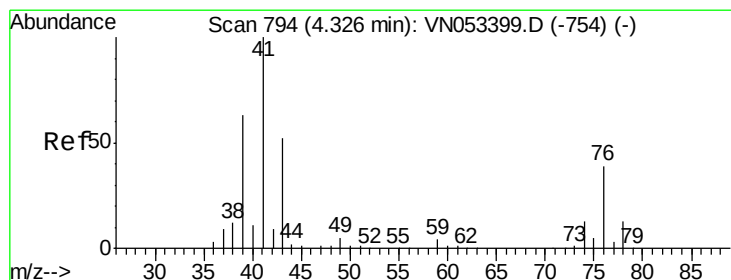
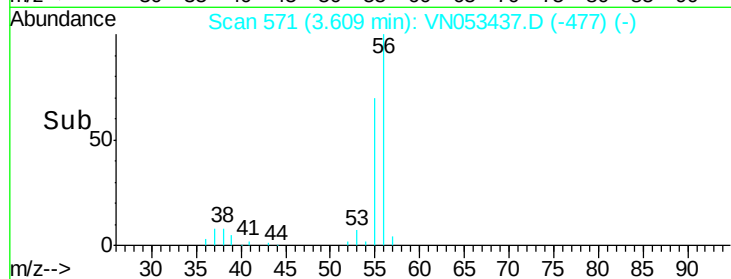
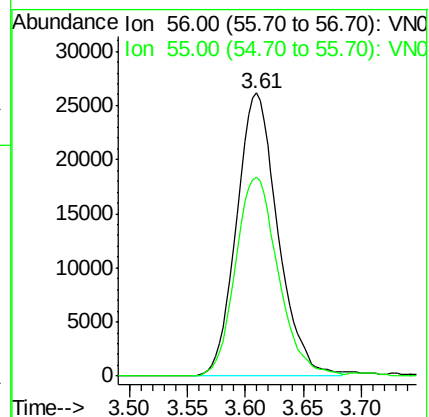
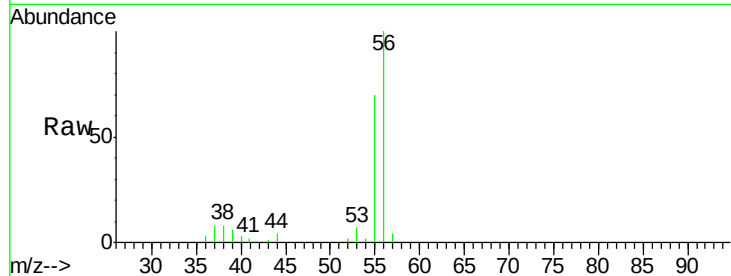
Acq: 17 Jan 2019 16:26

Tot Ion: 56 Resp: 64596

Ion Ratio Lower Upper

56 100

55 72.6 57.4 86.0



#14

Allyl chloride

Concen: 20.472 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

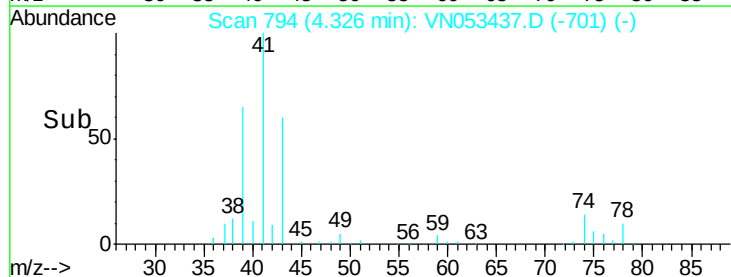
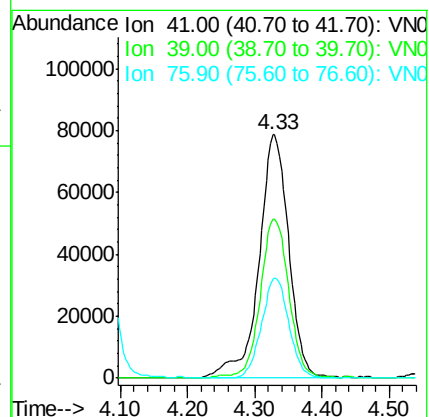
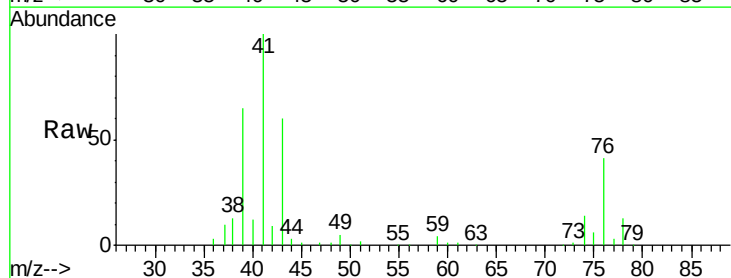
Tgt Ion: 41 Resp: 242650

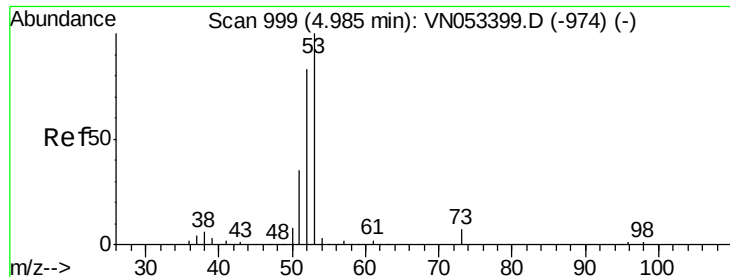
Ion Ratio Lower Upper

41 100

39 62.3 48.9 73.3

76 37.6 29.4 44.2





#15

Acrylonitrile

Concen: 110.332 ug/l

RT: 4.99 min Scan# 1000

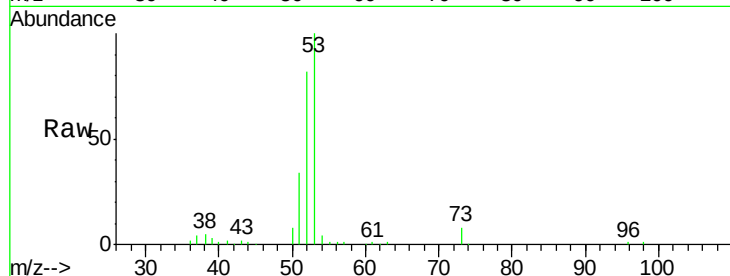
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tot Ion: 53 Resp: 287832

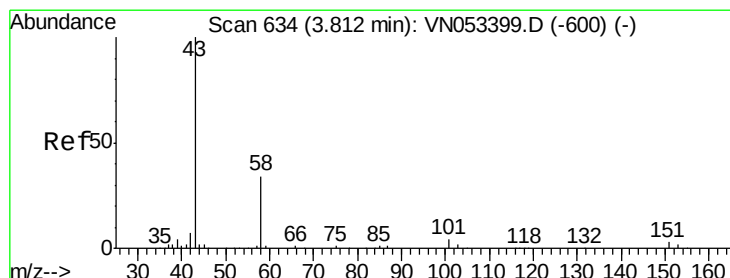
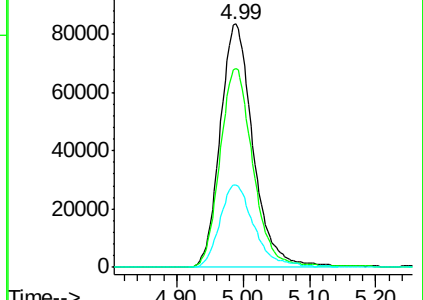
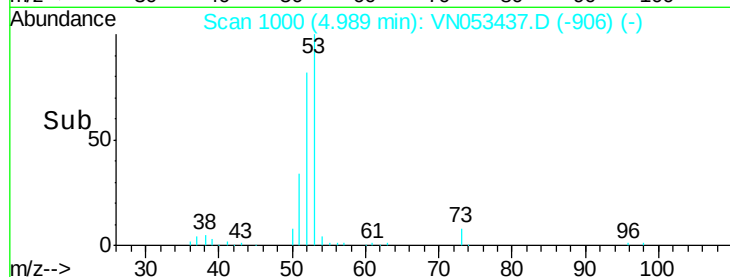
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.0	99.0
51	35.5	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 107.067 ug/l

RT: 3.82 min Scan# 635

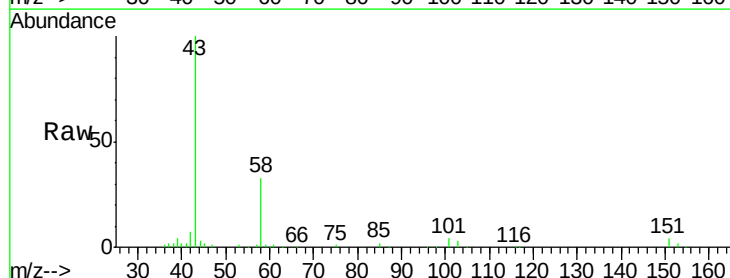
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

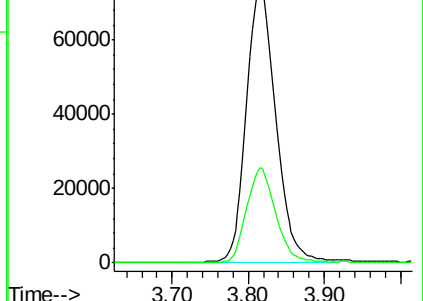
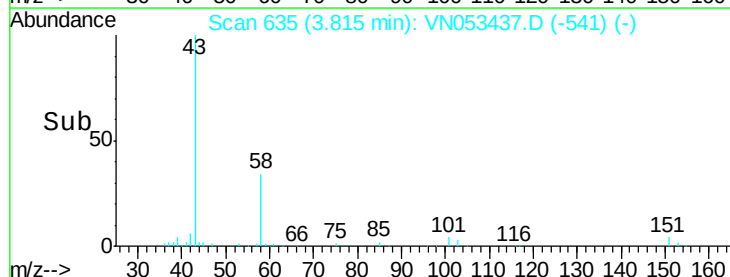
Tgt Ion: 43 Resp: 203499

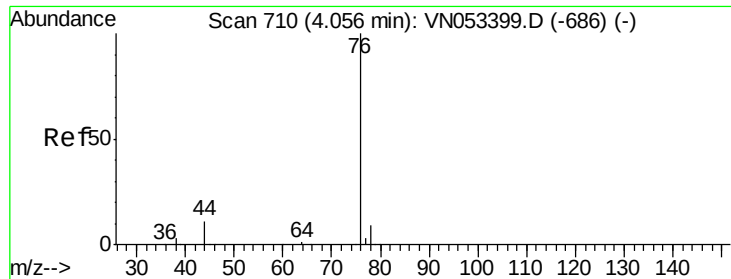
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.1	40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.501 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053437.D

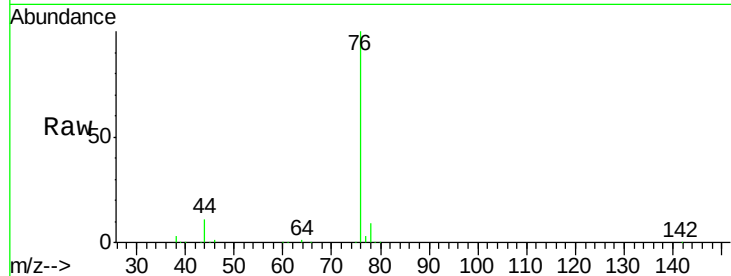
Acq: 17 Jan 2019 16:26

Tot Ion: 76 Resp: 430337

Ion Ratio Lower Upper

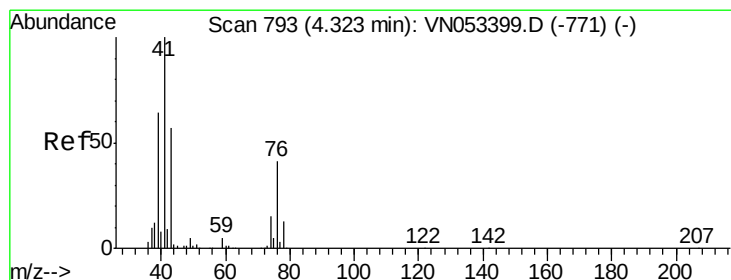
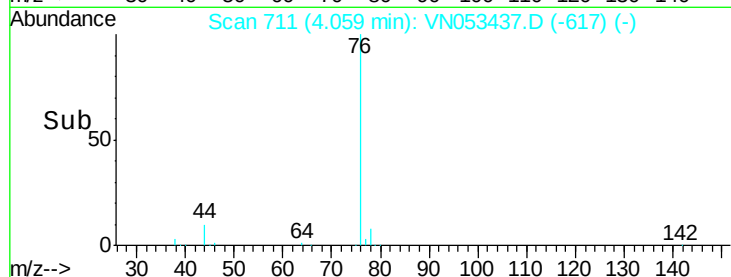
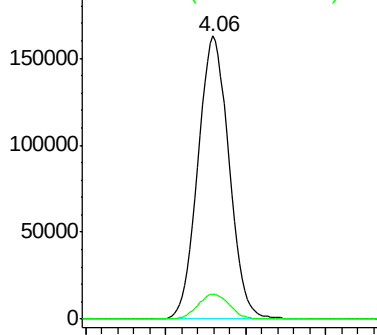
76 100

78 8.9 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: 21.294 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053437.D

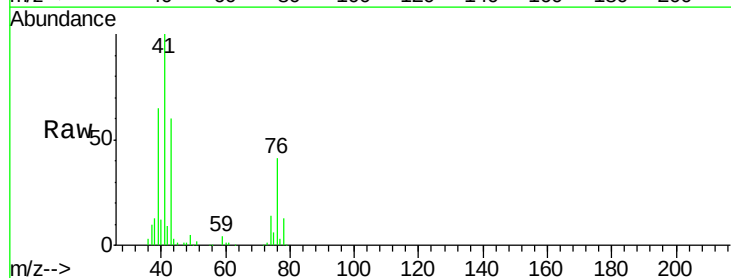
Acq: 17 Jan 2019 16:26

Tgt Ion: 43 Resp: 136360

Ion Ratio Lower Upper

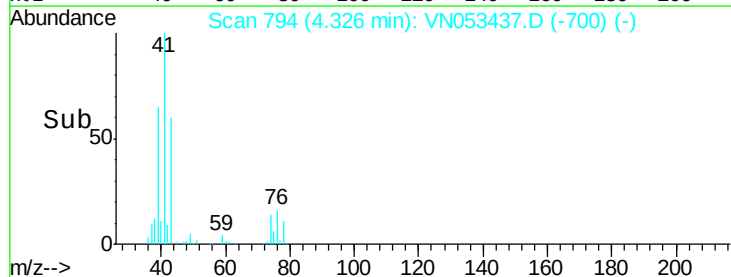
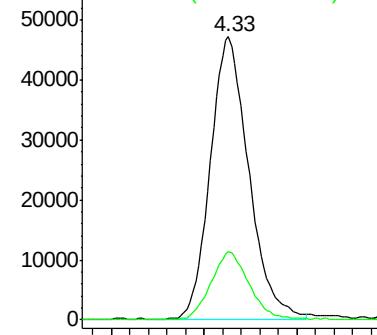
43 100

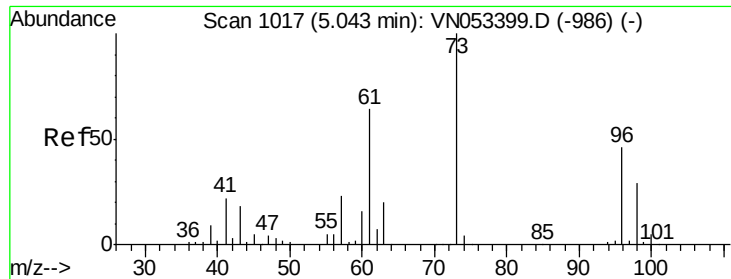
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

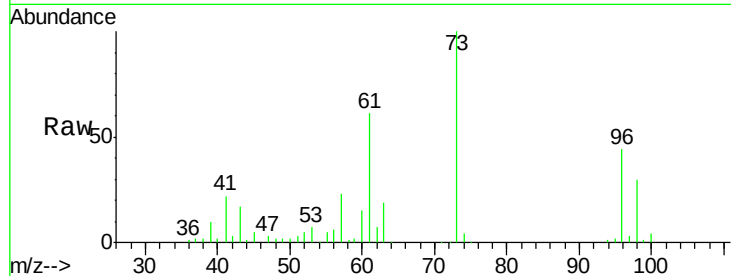




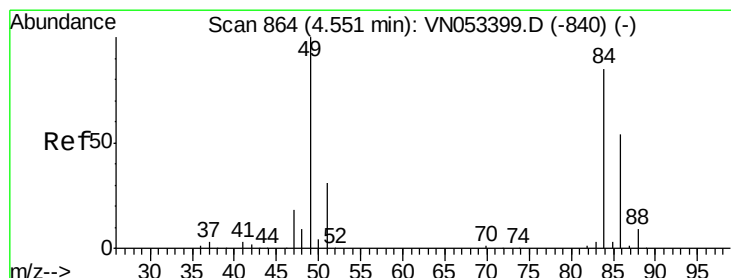
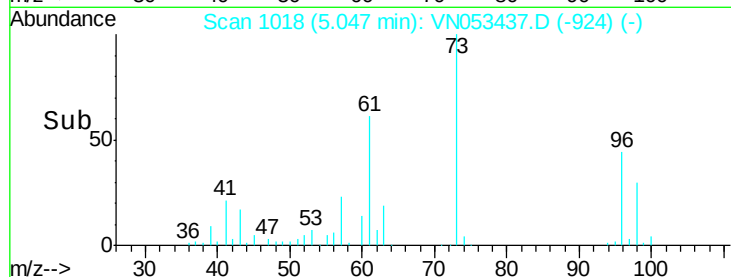
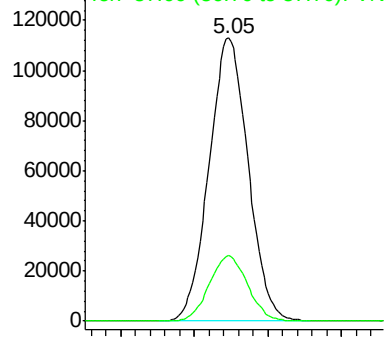
#19

Methyl tert-butyl Ether
 Concen: 21.510 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tot Ion: 73 Resp: 417053
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.3 27.5



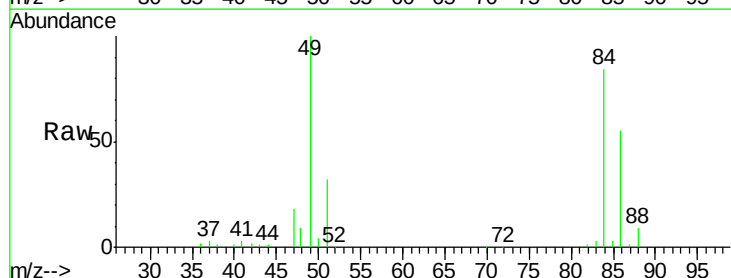
Abundance Ion 73.00 (72.70 to 73.70): VN053399.D (-986) (-)
 Ion 57.00 (56.70 to 57.70): VN053399.D (-986) (-)



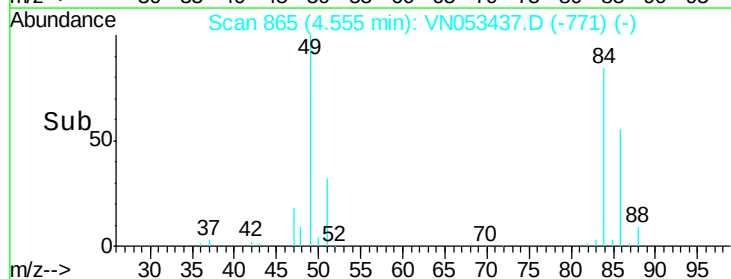
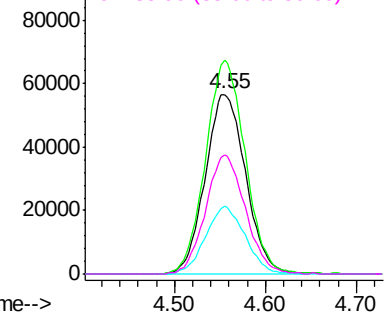
#20

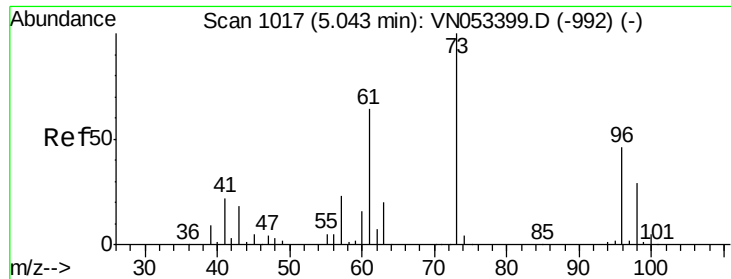
Methylene Chloride
 Concen: 20.137 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion: 84 Resp: 174742
 Ion Ratio Lower Upper
 84 100
 49 118.9 94.3 141.5
 51 37.6 29.4 44.2
 86 66.0 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN053399.D (-840) (-)
 Ion 48.90 (48.60 to 49.60): VN053399.D (-840) (-)
 Ion 50.90 (50.60 to 51.60): VN053399.D (-840) (-)
 Ion 85.90 (85.60 to 86.60): VN053399.D (-840) (-)

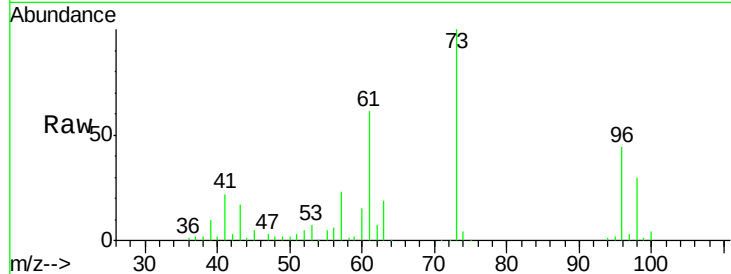




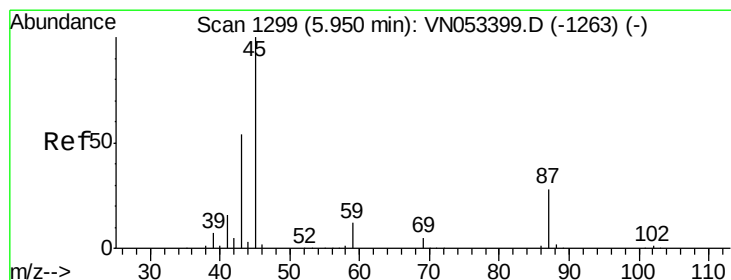
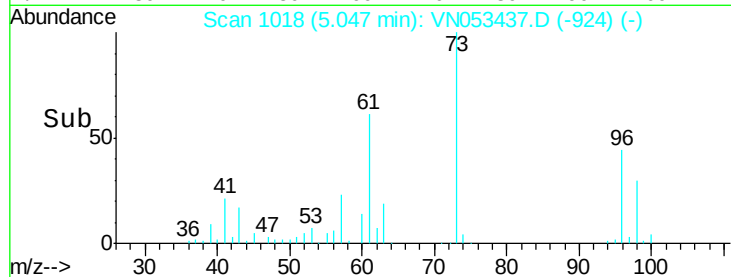
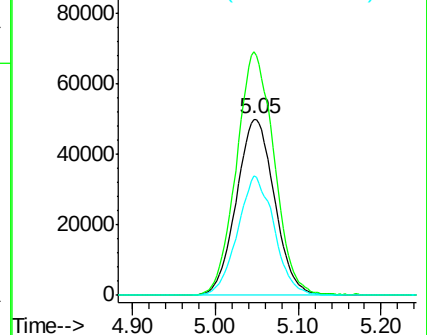
#21

trans-1,2-Dichloroethene
Concen: 20.522 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	110.1	165.1
98	67.6	50.0	75.0



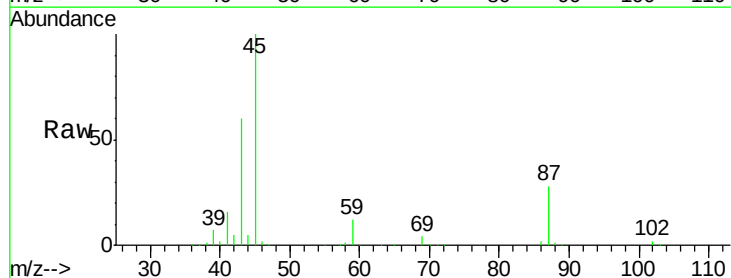
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



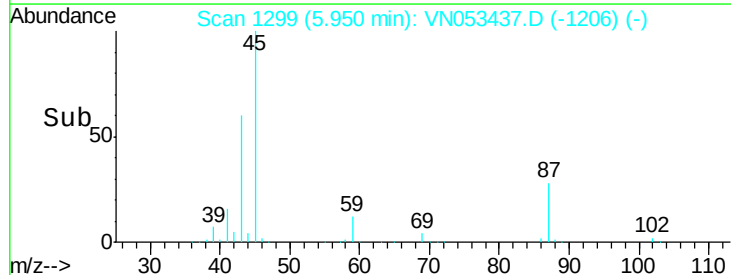
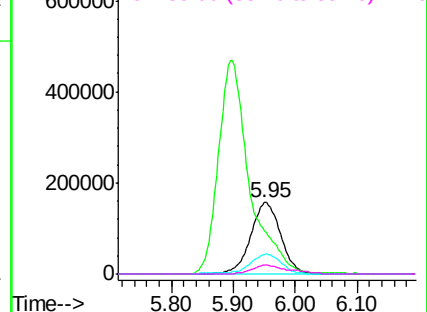
#22

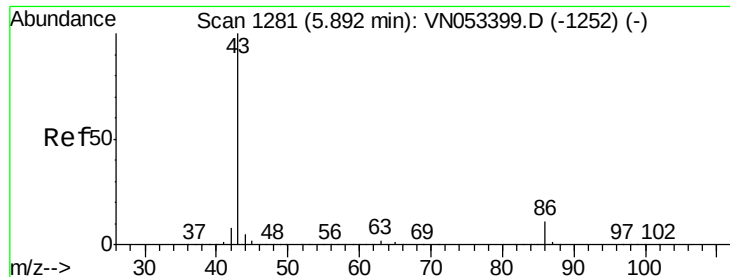
Diisopropyl ether
Concen: 21.303 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.5	44.2	66.4
87	27.8	22.7	34.1
59	12.1	9.4	14.2



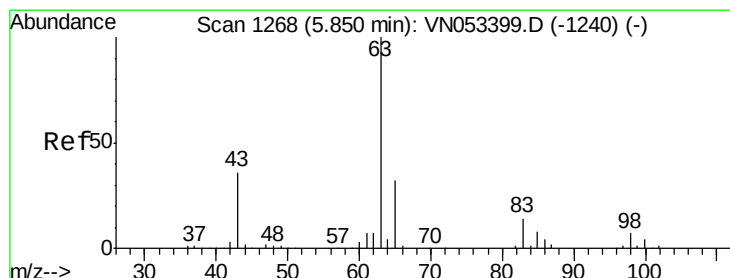
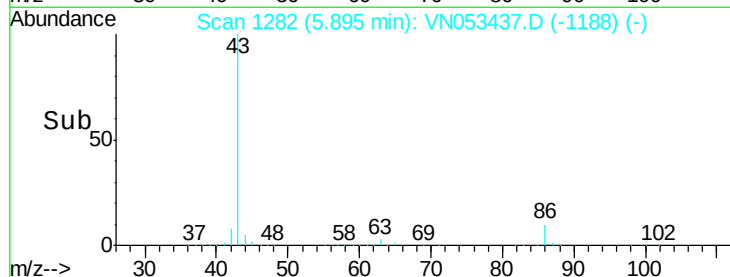
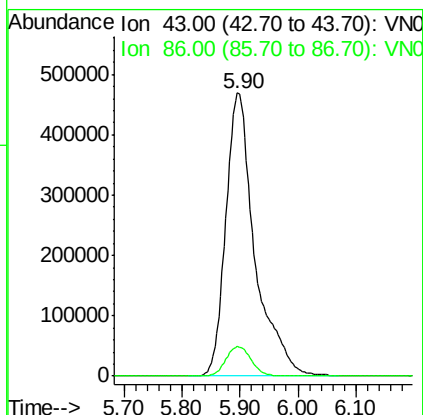
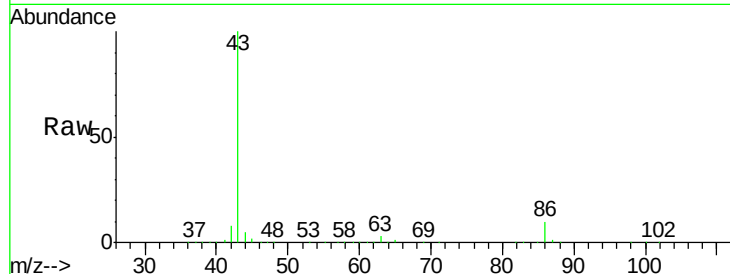
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





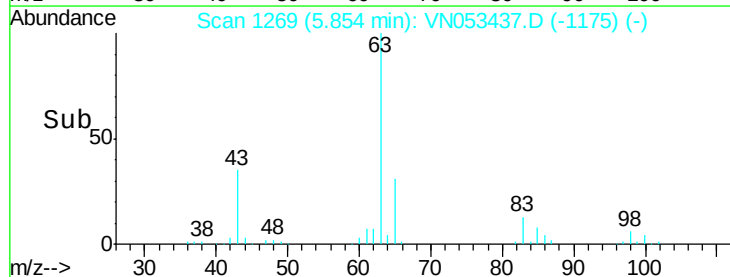
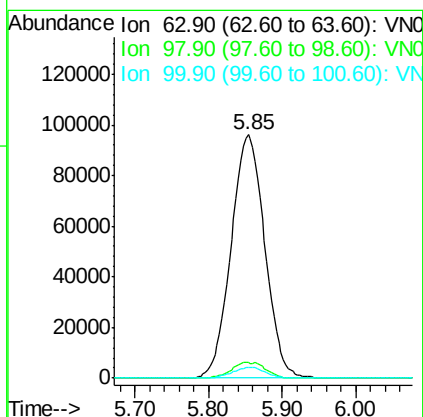
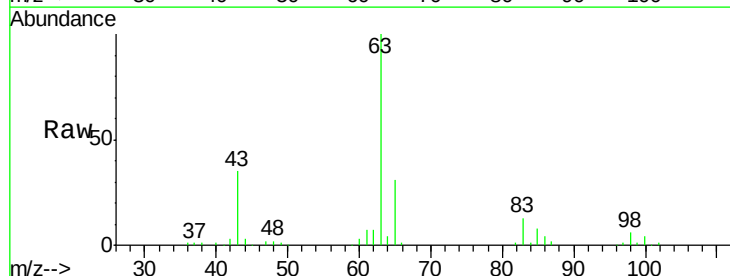
#23
 Vinyl Acetate
 Concen: 107.534 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

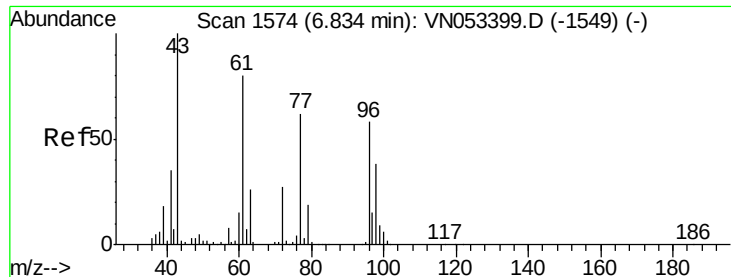
Tot Ion: 43 Resp: 1635657
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 20.923 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion: 63 Resp: 306052
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 110.721 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053437.D

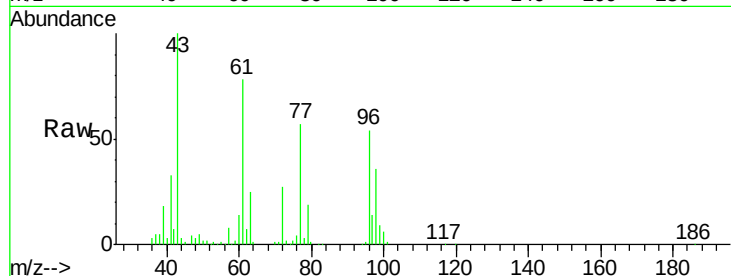
Acq: 17 Jan 2019 16:26

Tot Ion: 43 Resp: 324297

Ion Ratio Lower Upper

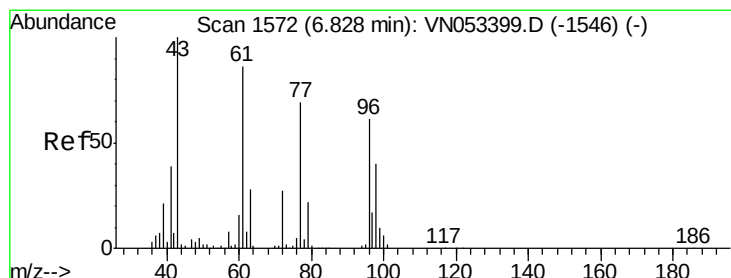
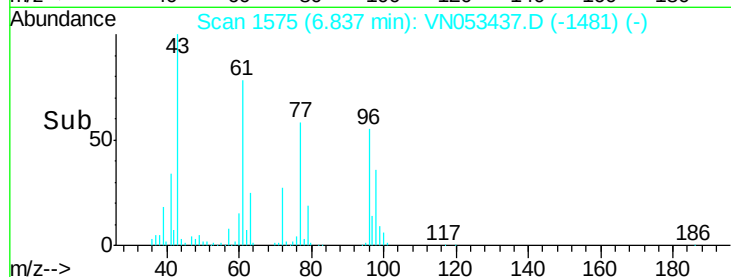
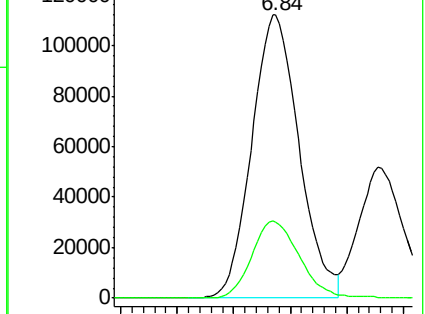
43 100

72 26.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.482 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053437.D

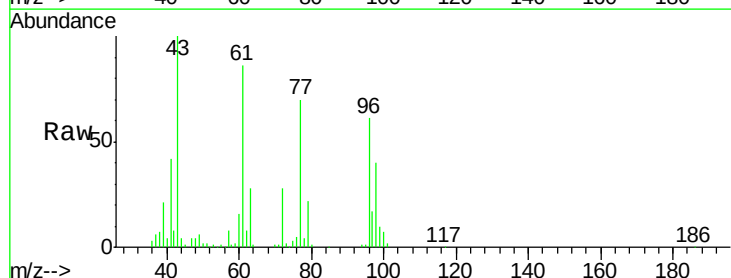
Acq: 17 Jan 2019 16:26

Tgt Ion: 77 Resp: 226210

Ion Ratio Lower Upper

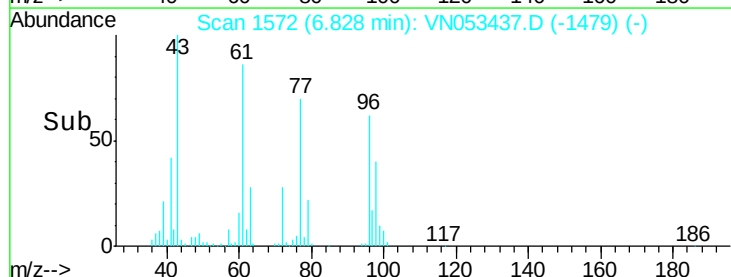
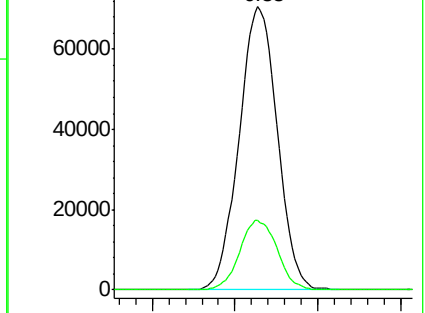
77 100

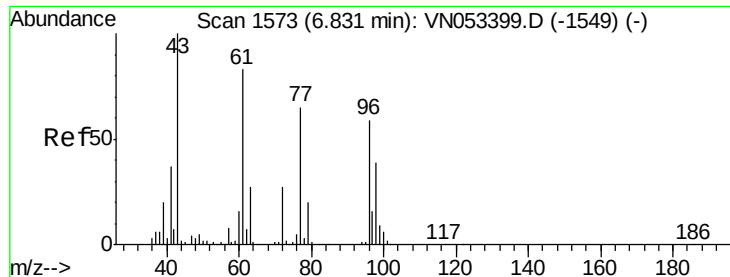
97 24.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.710 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

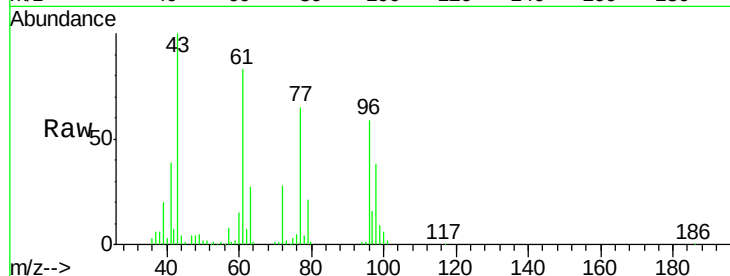
Tot Ion: 96 Resp: 184760

Ion Ratio Lower Upper

96 100

61 143.0 0.0 283.8

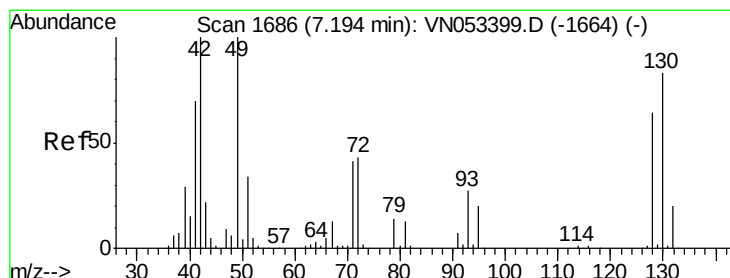
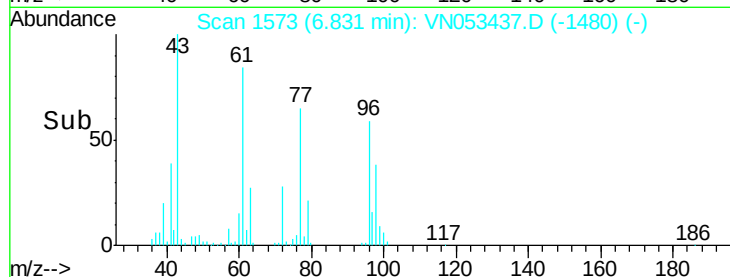
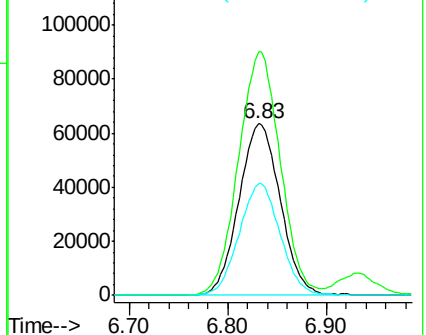
98 64.8 0.0 129.2



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: 20.641 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

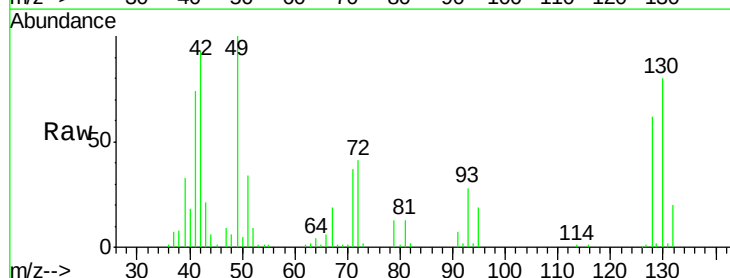
Tgt Ion: 49 Resp: 133016

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

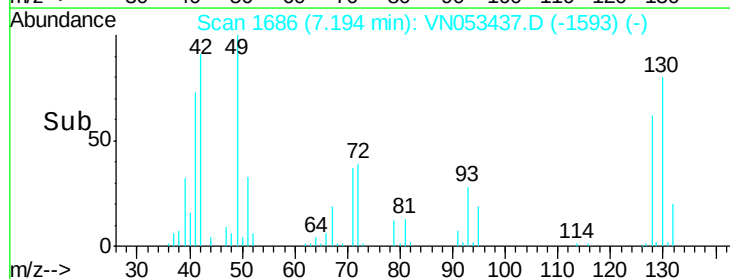
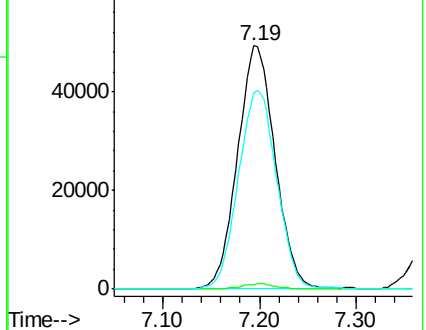
130 83.6 66.3 99.5

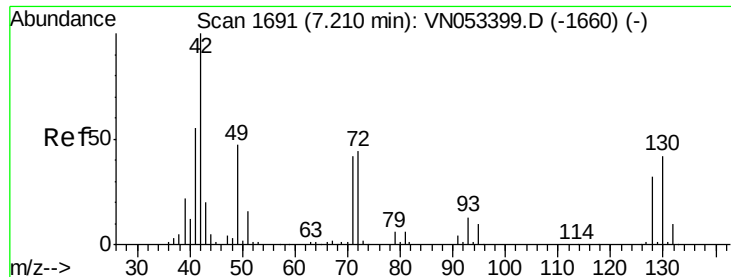


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 112.671 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

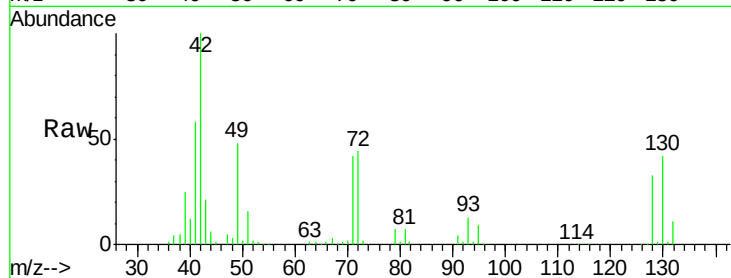
Tot Ion: 42 Resp: 214836

Ion Ratio Lower Upper

42 100

72 43.5 35.2 52.8

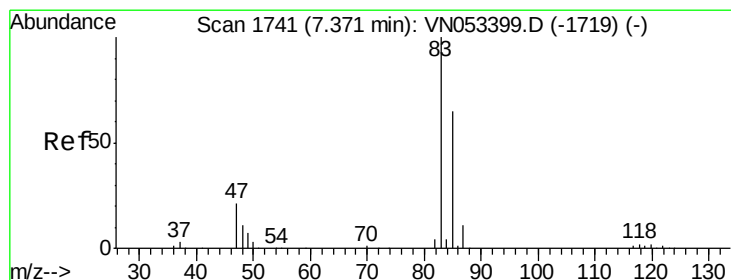
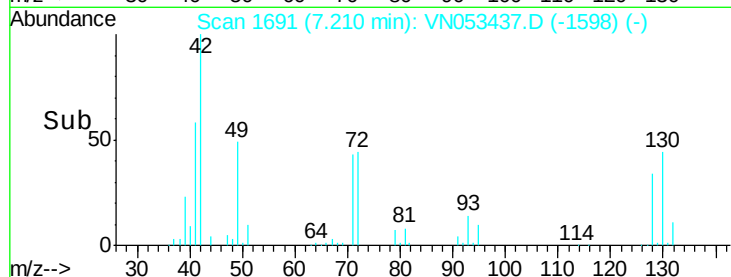
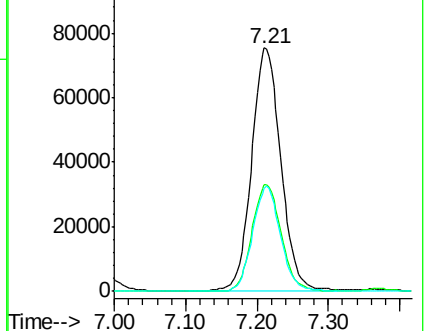
71 41.0 33.0 49.4



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: 21.253 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053437.D

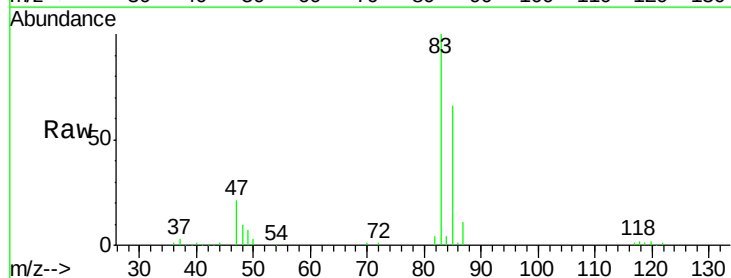
Acq: 17 Jan 2019 16:26

Tgt Ion: 83 Resp: 302896

Ion Ratio Lower Upper

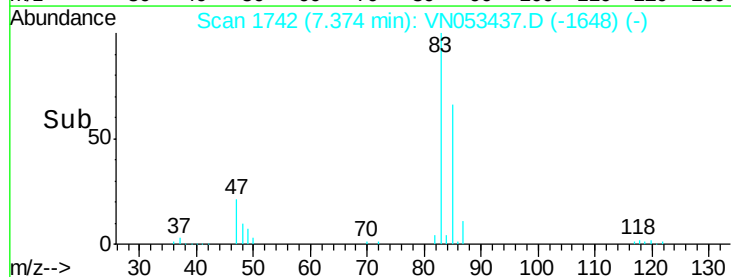
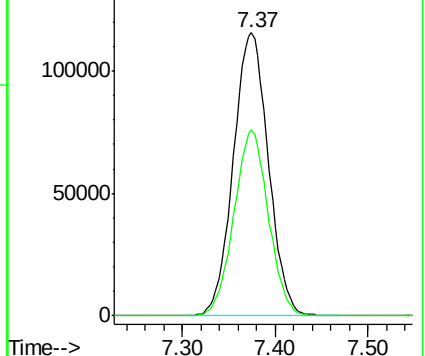
83 100

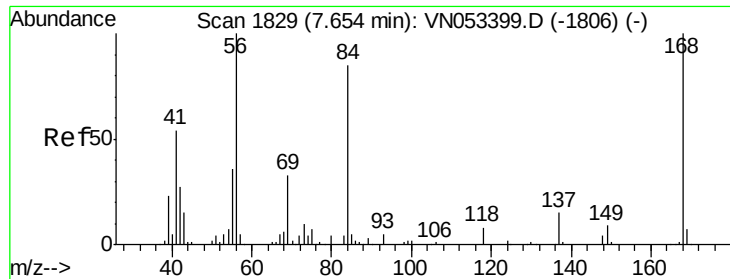
85 65.7 52.2 78.2



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

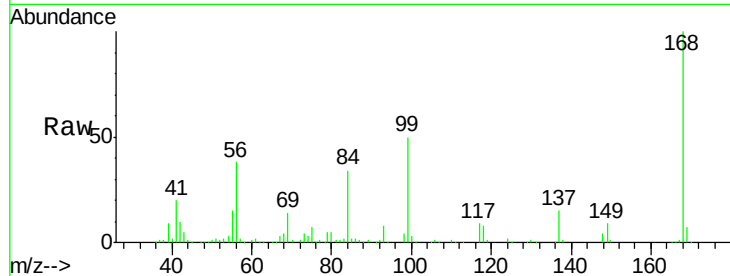
Ion 84.90 (84.60 to 85.60): VN053399.D (-1719) (-)



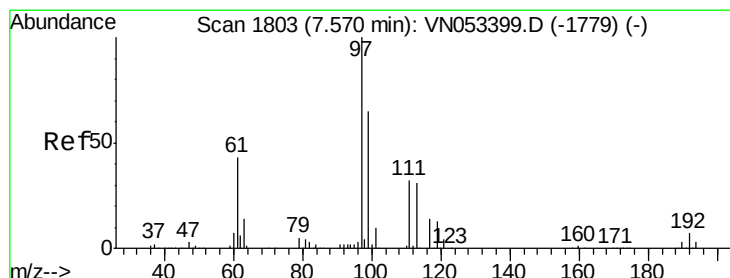
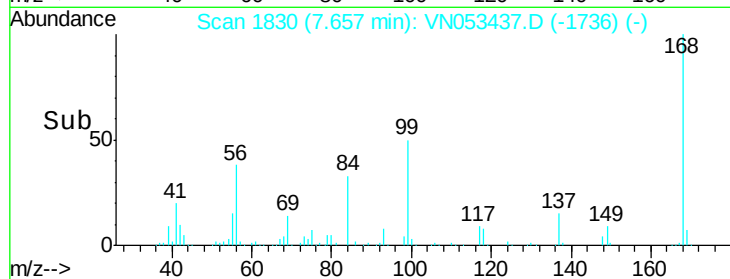
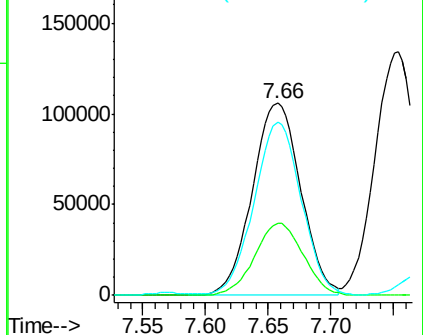


#31
Cyclohexane
Concen: 19.859 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion	56	Resp	284625
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
56	37.6	67.9	101.9
69	89.3		
84			

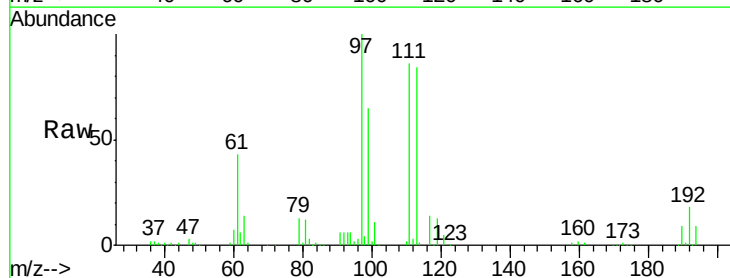


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

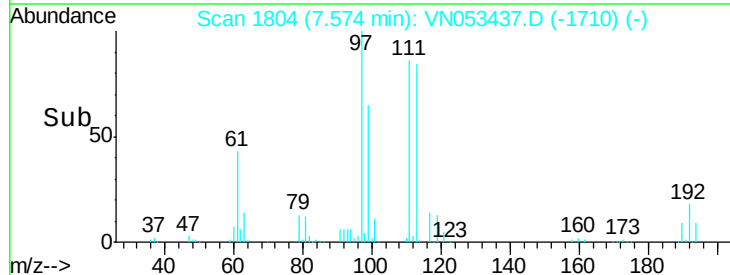
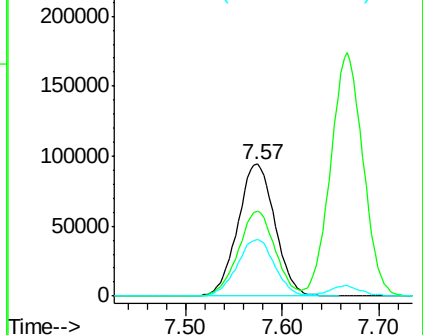


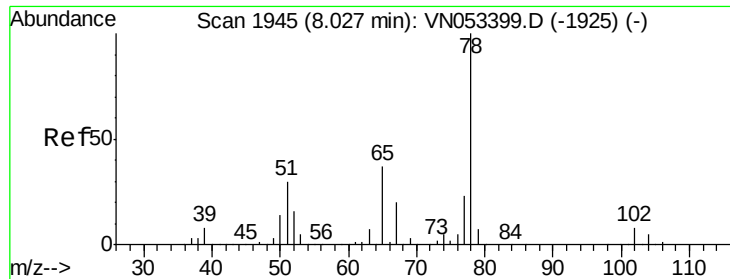
#32
1,1,1-Trichloroethane
Concen: 20.840 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion	97	Resp	251948
Ion Ratio	100		
Lower	52.0		
Upper	78.0		
97	63.5	34.4	51.6
99	43.1		
61			



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 20.840 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053437.D

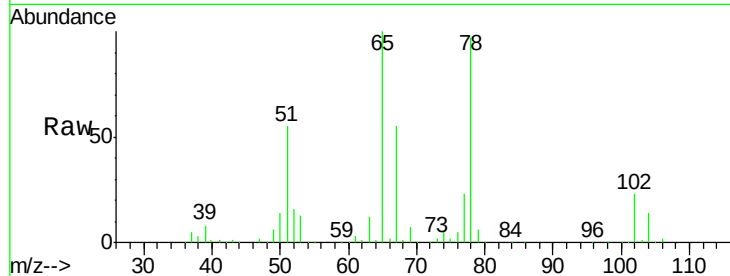
Acq: 17 Jan 2019 16:26

Tot Ion: 65 Resp: 410926

Ion Ratio Lower Upper

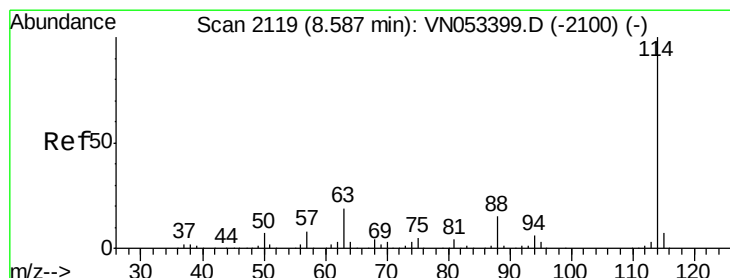
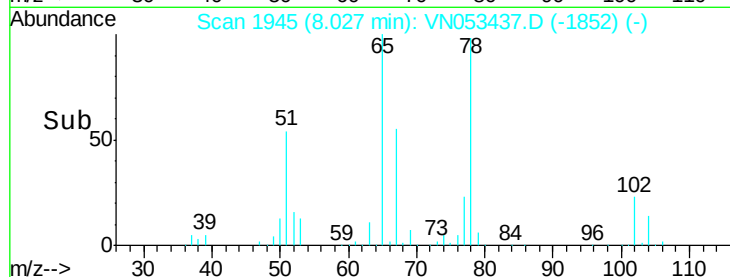
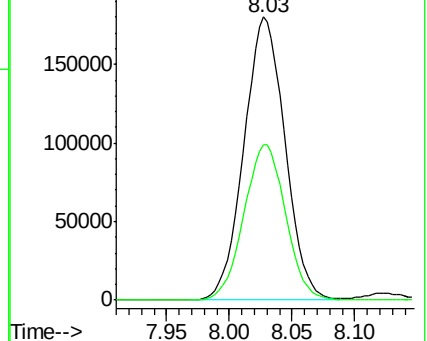
65 100

67 55.6 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053437.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053437.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

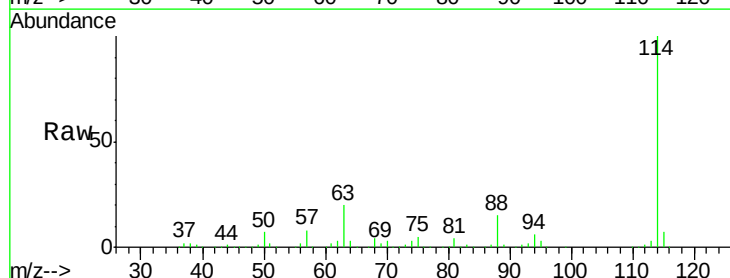
Tgt Ion: 114 Resp: 1243875

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

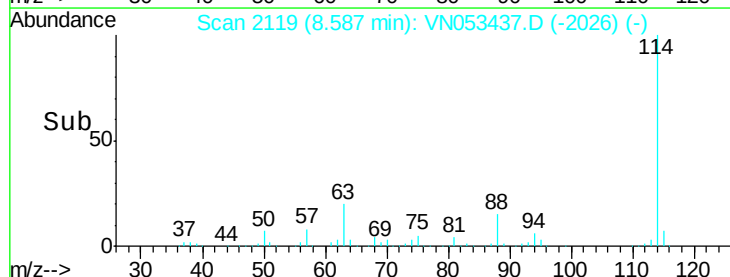
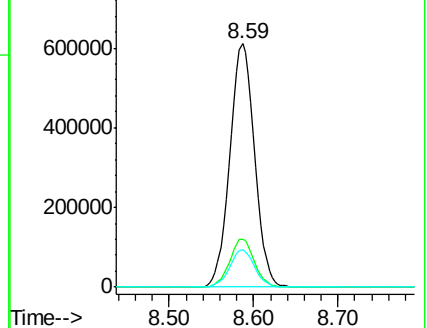
88 15.2 0.0 30.4

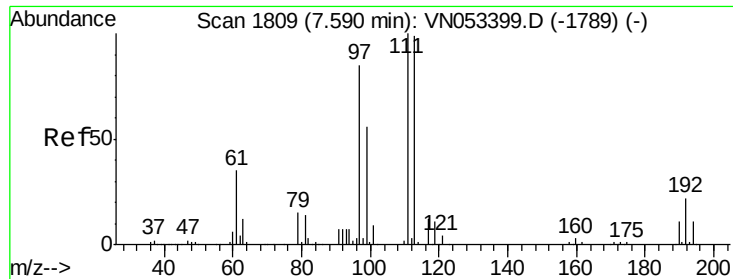


Abundance Ion 113.90 (113.60 to 114.60): VN053437.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053437.D (-2026) (-)

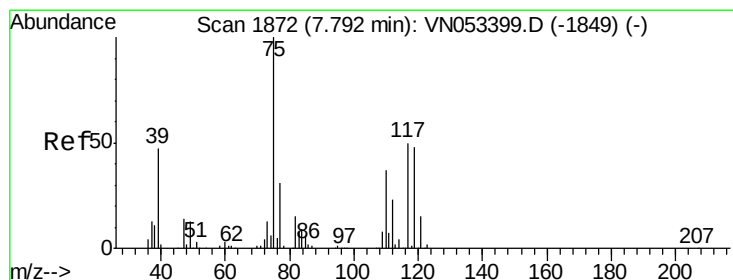
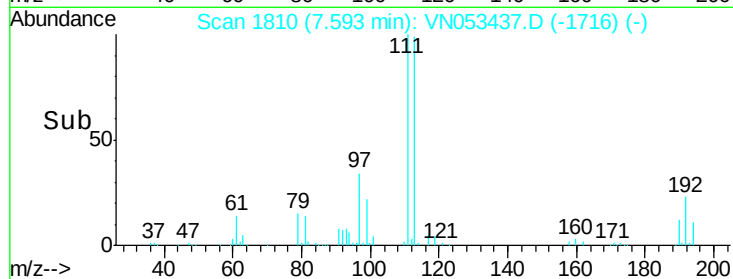
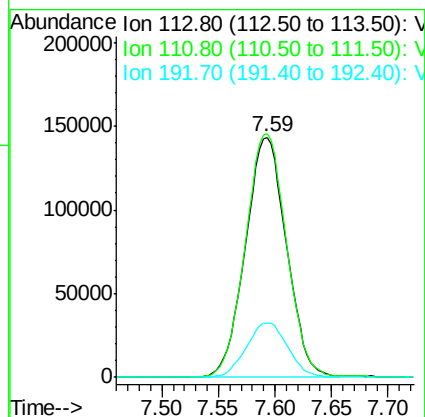
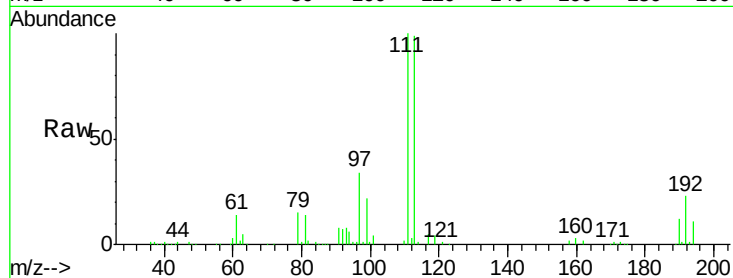
Ion 87.90 (87.60 to 88.60): VN053437.D (-2026) (-)





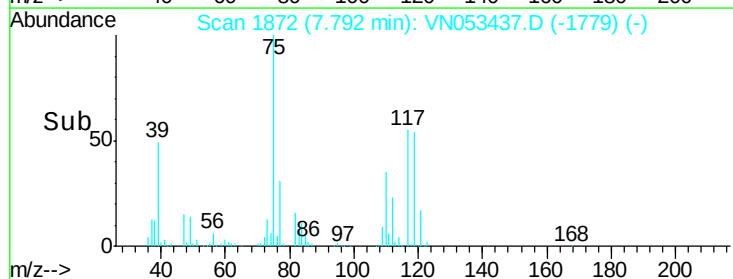
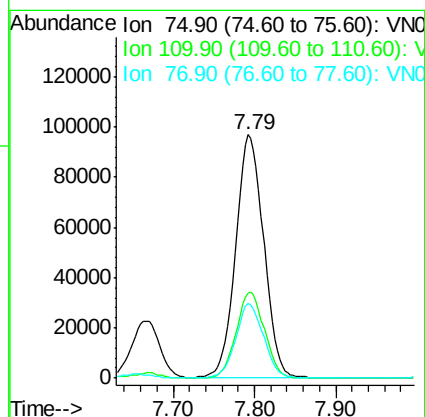
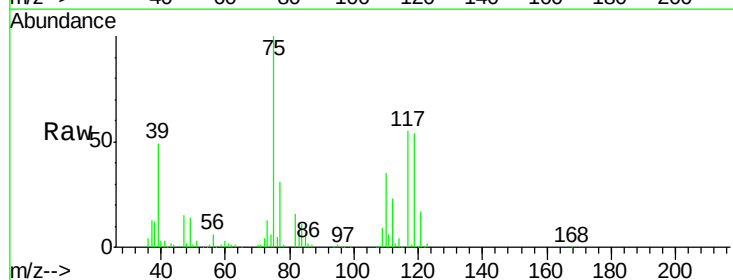
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

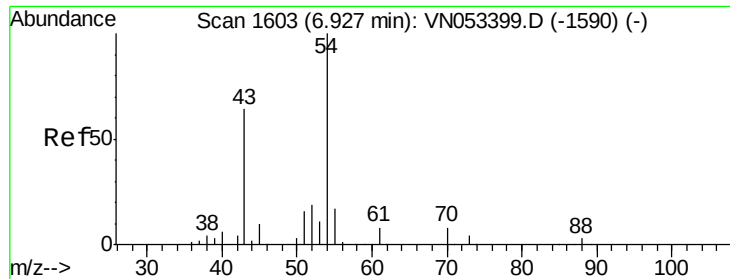
Tot Ion:113 Resp: 362440
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.0 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 20.486 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

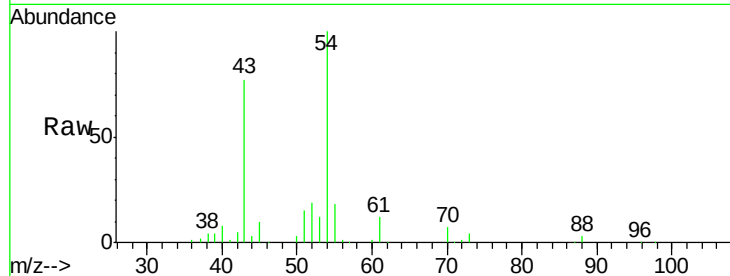
Tgt Ion: 75 Resp: 232069
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.1 54.3
 77 30.4 25.1 37.7



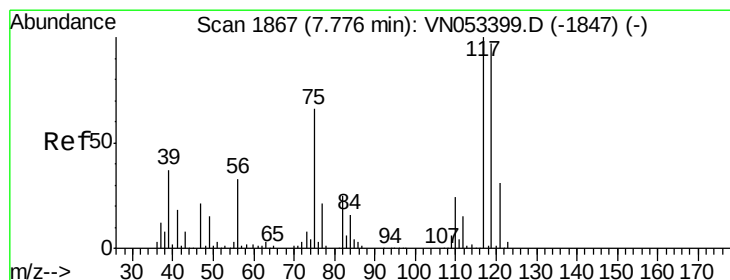
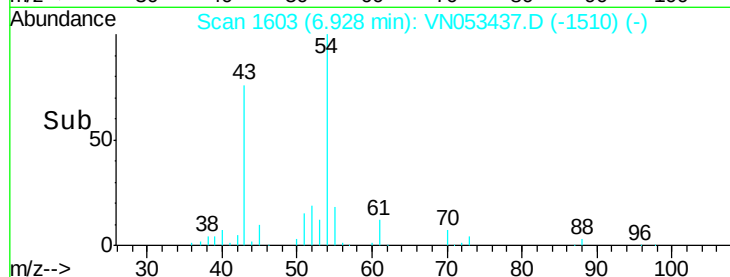
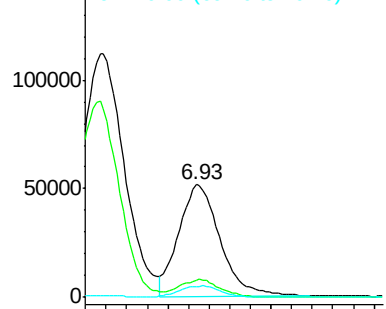


#37
Ethyl Acetate
Concen: 22.091 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion: 43 Resp: 143974
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.4 8.6 12.8

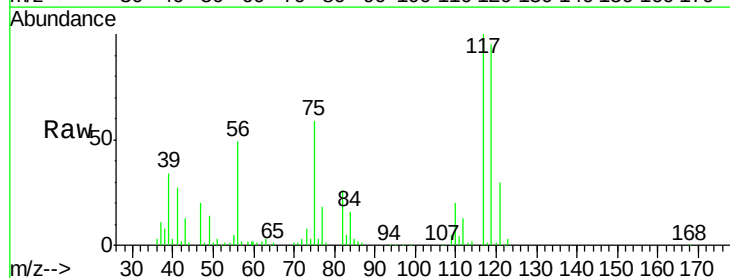


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

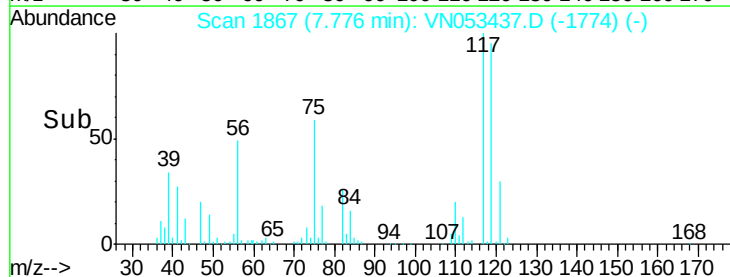
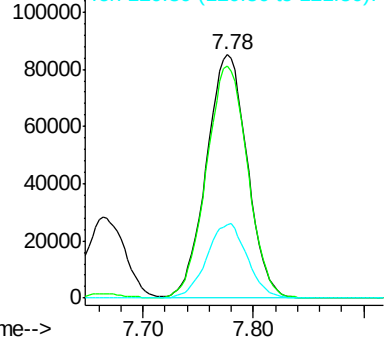


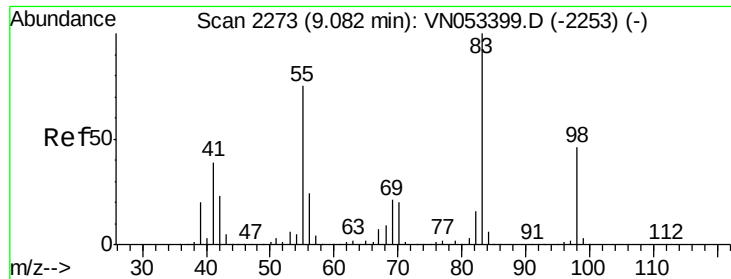
#38
Carbon Tetrachloride
Concen: 20.296 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion: 117 Resp: 217668
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 30.0 24.6 37.0



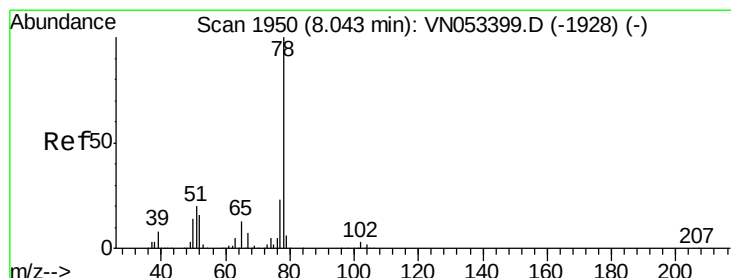
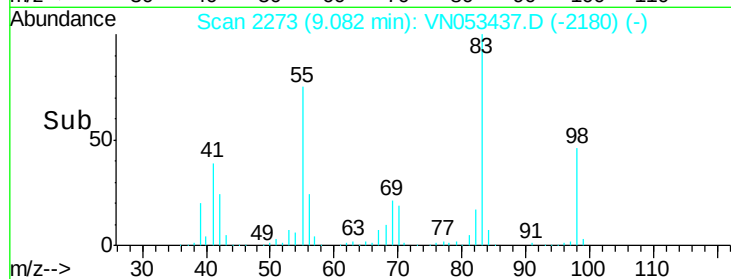
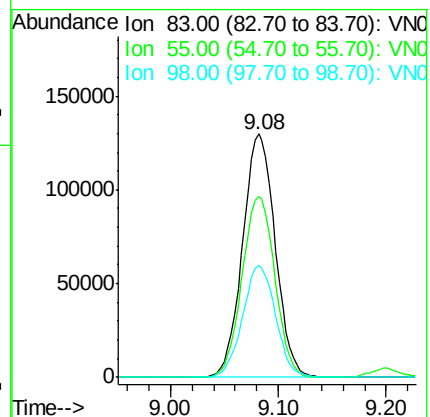
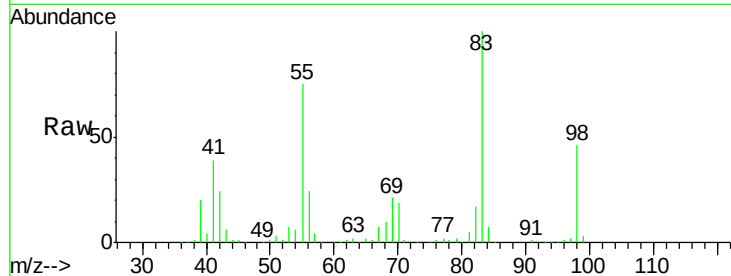
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





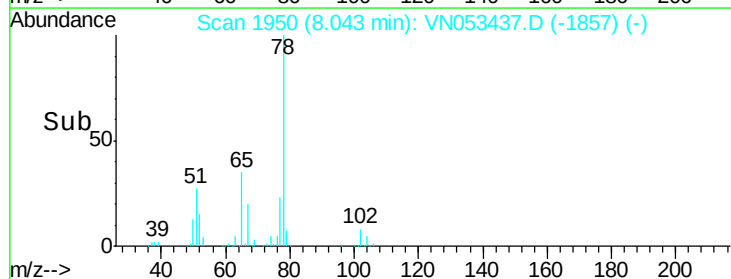
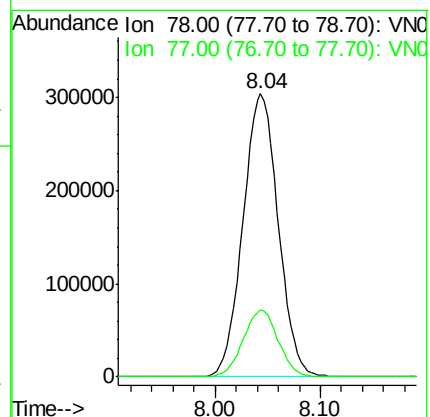
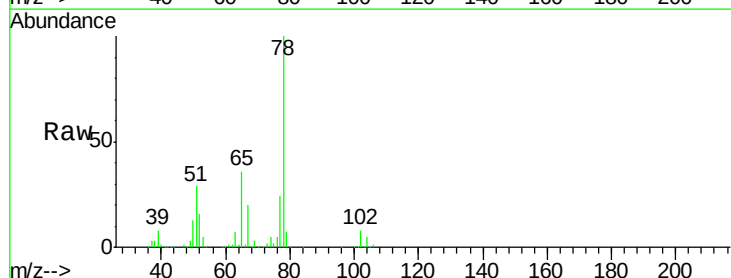
#39
Methvlcvclohexane
Concen: 19.487 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

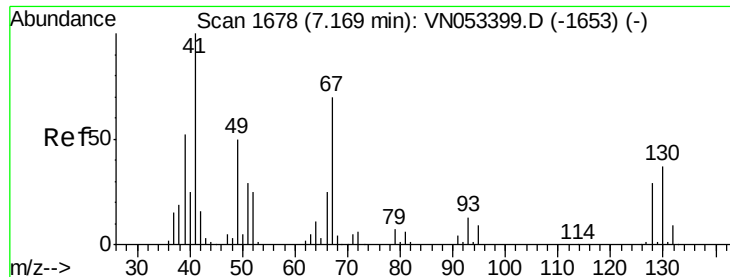
Tot Ion: 83 Resp: 272841
Ion Ratio Lower Upper
83 100
55 74.5 60.1 90.1
98 46.1 36.6 55.0



#40
Benzene
Concen: 20.519 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion: 78 Resp: 706355
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 20.981 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tot Ion: 41 Resp: 79733

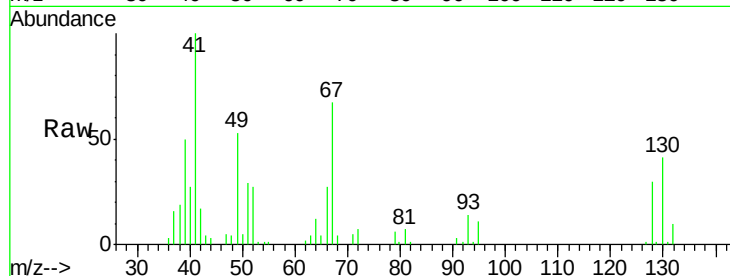
Ion Ratio Lower Upper

41 100

39 55.3 46.8 70.2

67 84.3 63.0 94.6

52 33.7 23.8 35.8

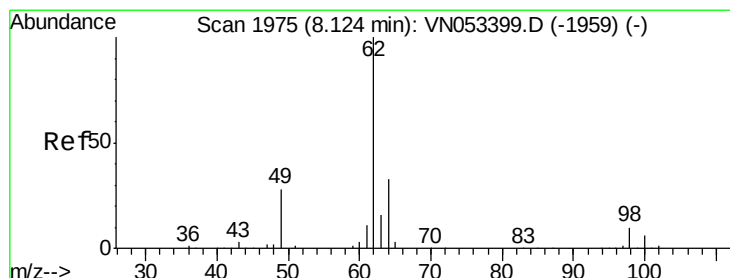
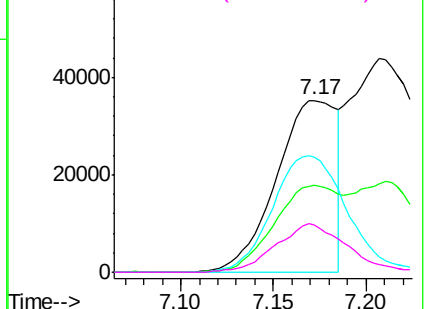
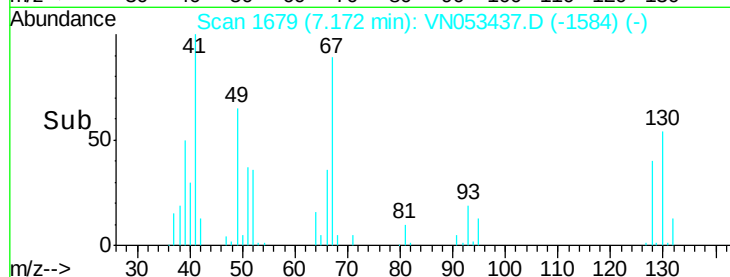


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.647 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053437.D

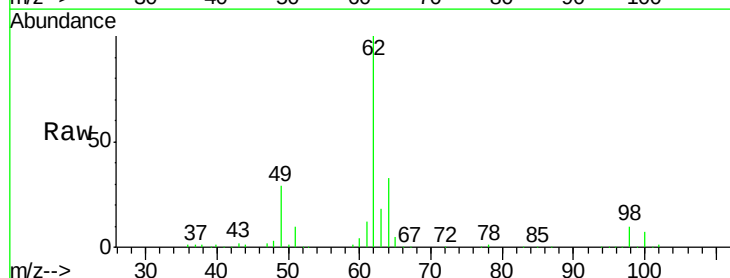
Acq: 17 Jan 2019 16:26

Tgt Ion: 62 Resp: 207062

Ion Ratio Lower Upper

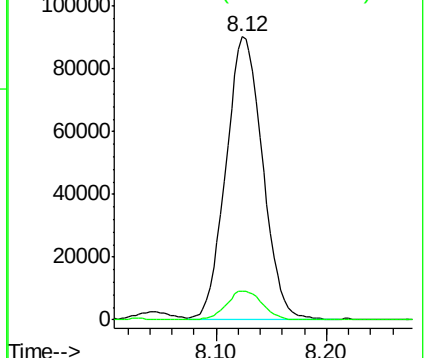
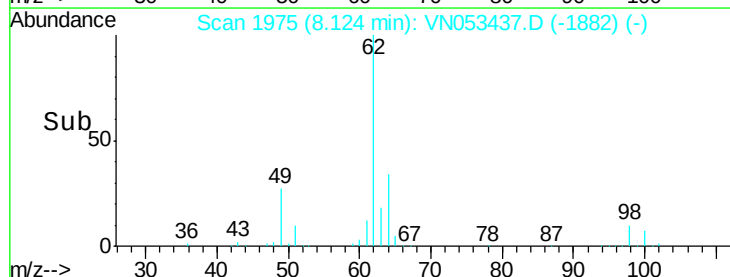
62 100

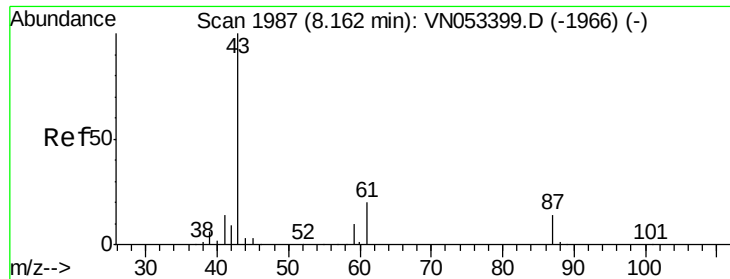
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 22.326 ug/l

RT: 8.16 min Scan# 1987

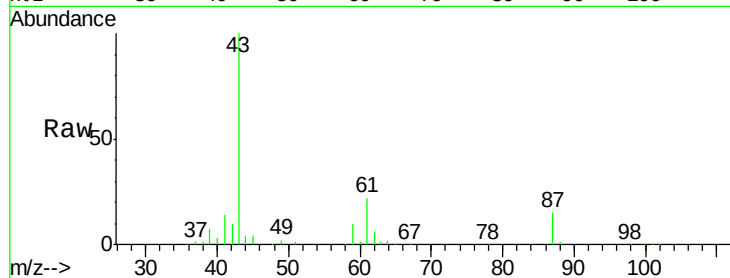
Delta R.T. 0.00 min

Lab File: VN053437.D

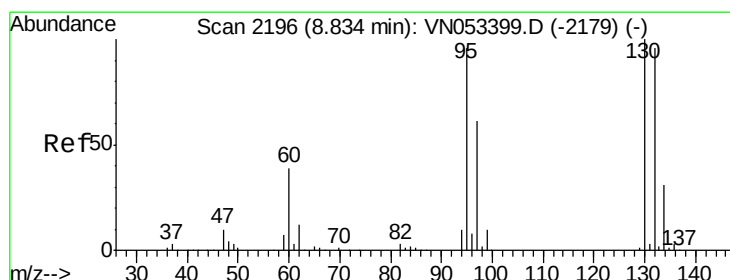
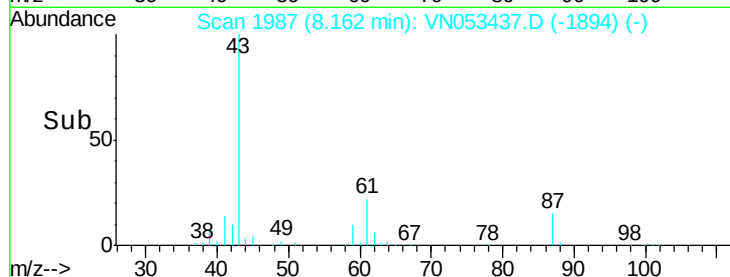
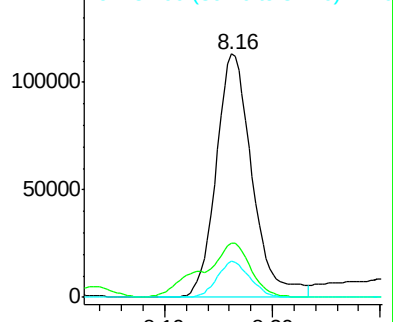
Acq: 17 Jan 2019 16:26

Tot Ion: 43 Resp: 261642

Ion	Ratio	Lower	Upper
43	100		
61	21.2	23.9	35.9#
87	13.5	11.0	16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053437.D (-1894) (-)



#44

Trichloroethene

Concen: 20.251 ug/l

RT: 8.84 min Scan# 2197

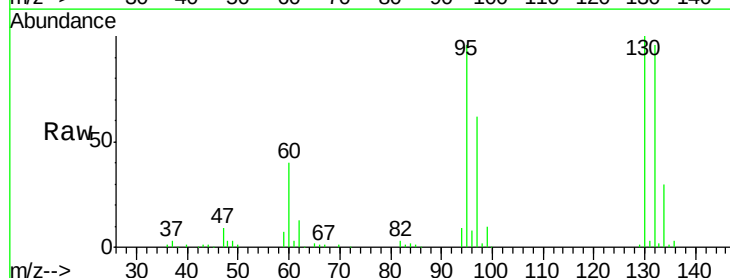
Delta R.T. 0.00 min

Lab File: VN053437.D

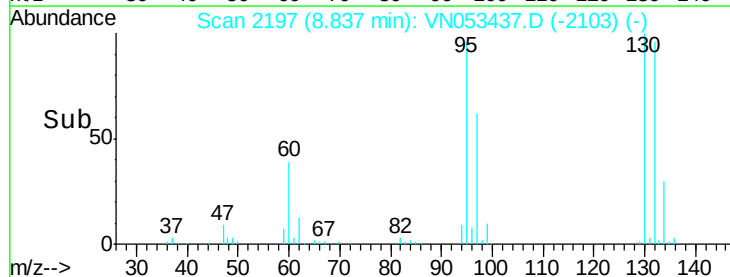
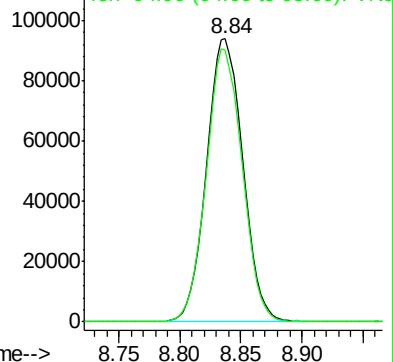
Acq: 17 Jan 2019 16:26

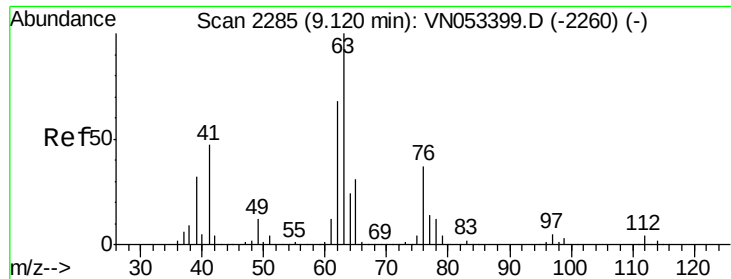
Tgt Ion:130 Resp: 193322

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053437.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 20.326 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053437.D

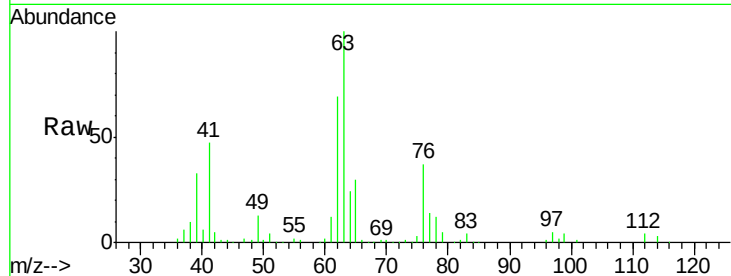
Acq: 17 Jan 2019 16:26

Tot Ion: 63 Resp: 185327

Ion Ratio Lower Upper

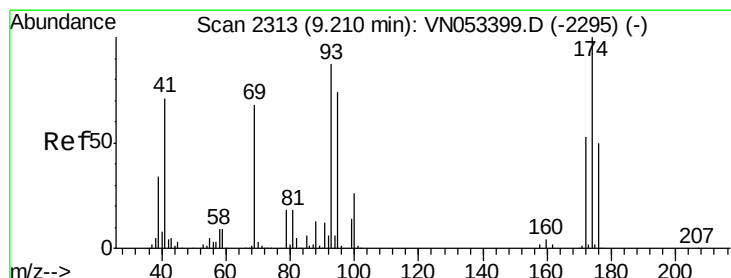
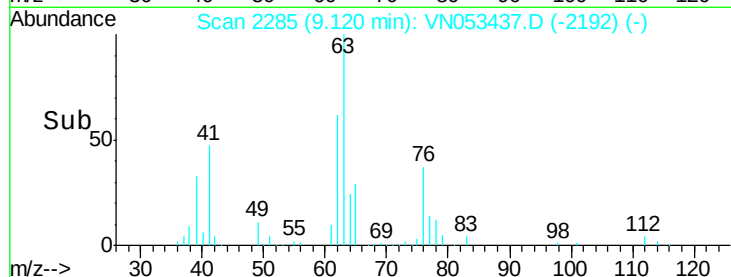
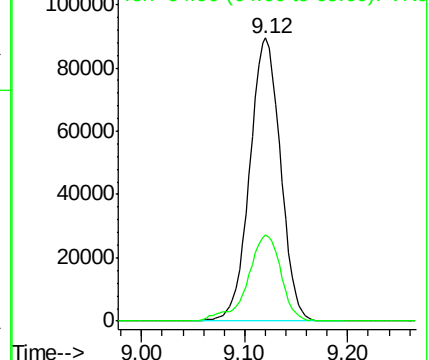
63 100

65 30.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.694 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

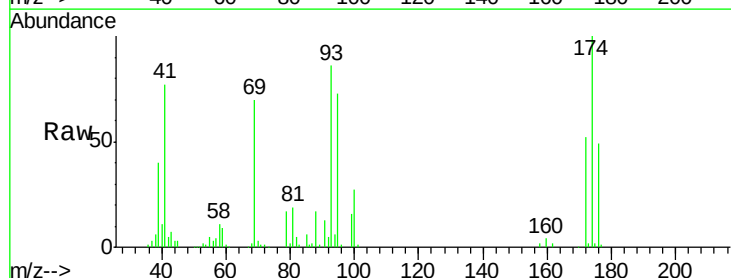
Tgt Ion: 93 Resp: 108407

Ion Ratio Lower Upper

93 100

95 83.1 67.3 100.9

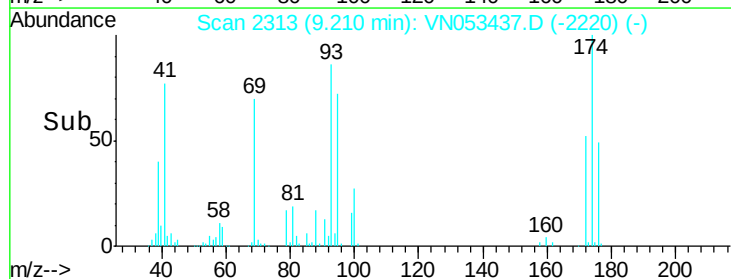
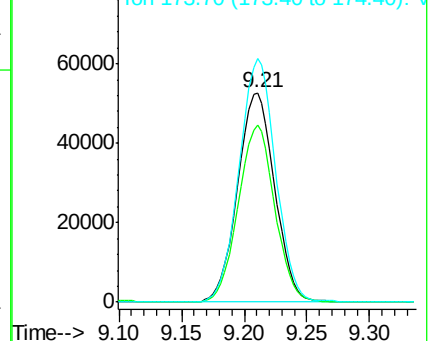
174 114.6 91.0 136.4

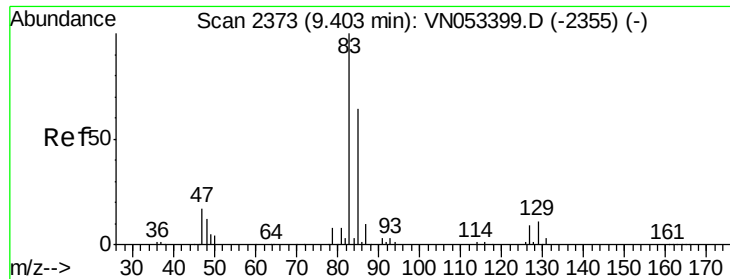


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.452 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

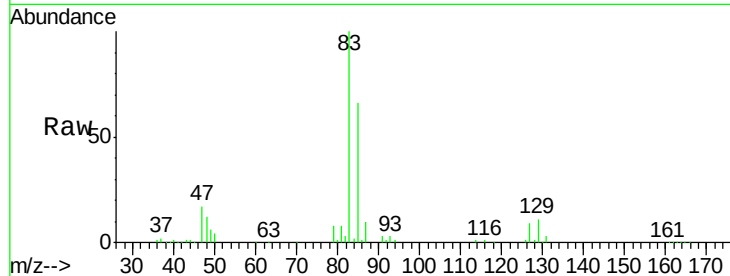
Tot Ion: 83 Resp: 225310

Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6

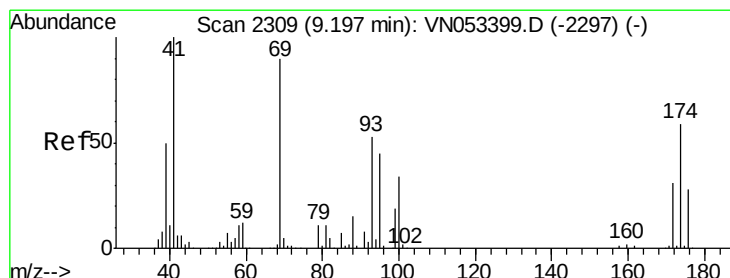
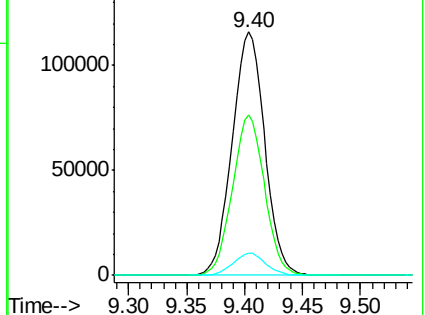
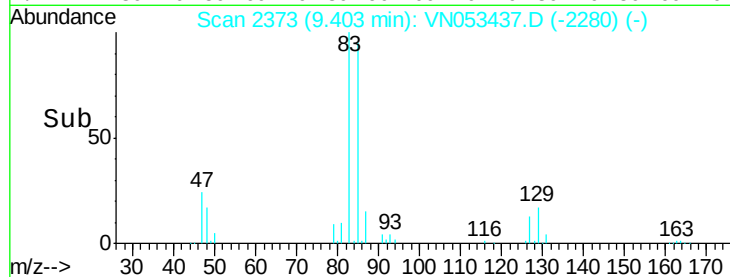
127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053437.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053437.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053437.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.706 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

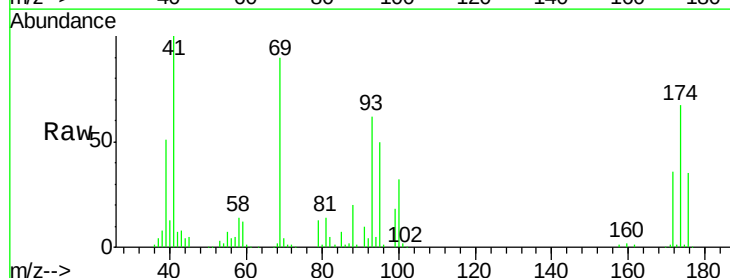
Tgt Ion: 41 Resp: 125286

Ion Ratio Lower Upper

41 100

69 94.3 73.8 110.6

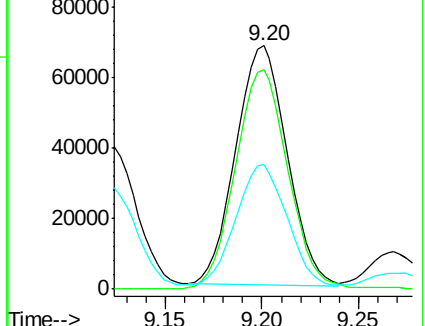
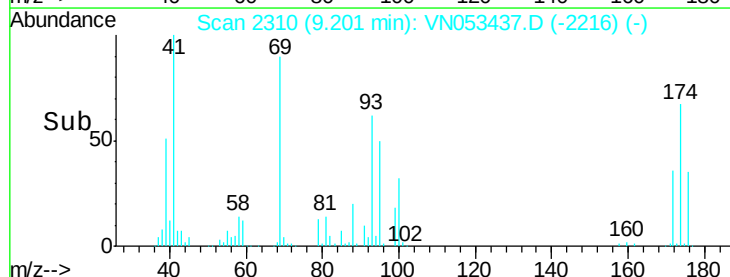
39 53.7 40.0 60.0

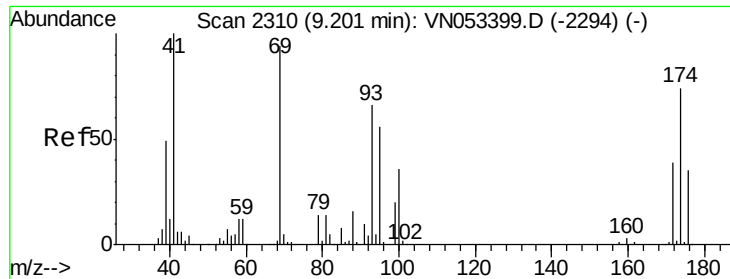


Abundance Ion 41.00 (40.70 to 41.70): VN053437.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053437.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053437.D (-2216) (-)





#49

1,4-Dioxane

Concen: 487.174 ug/l

RT: 9.20 min Scan# 2310

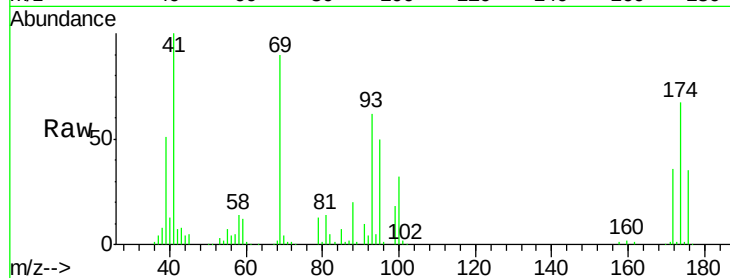
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tot Ion: 88 Resp: 28789

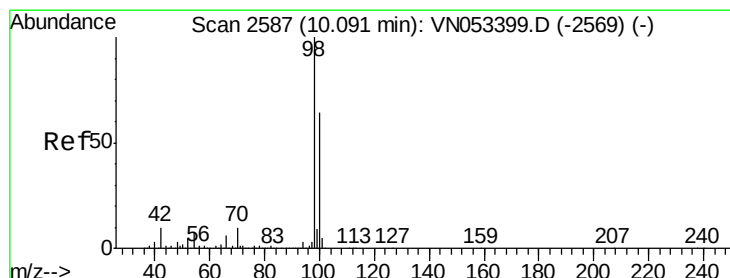
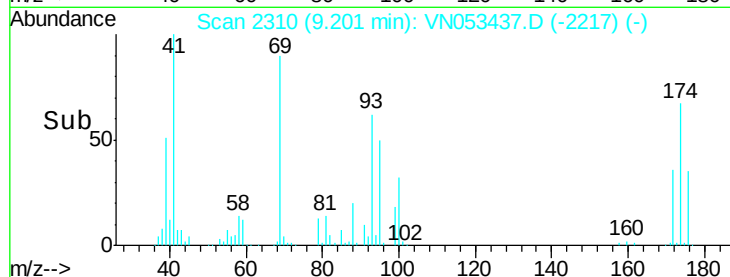
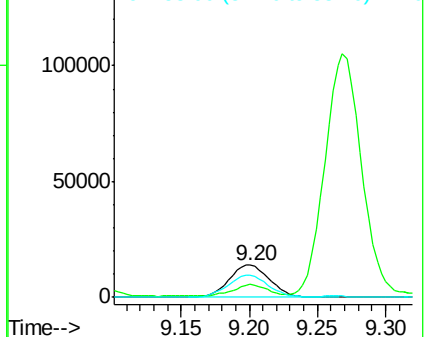
Ion	Ratio	Lower	Upper
88	100		
43	30.3	27.8	41.6
58	69.6	56.5	84.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 487.174 ug/l

RT: 10.09 min Scan# 2587

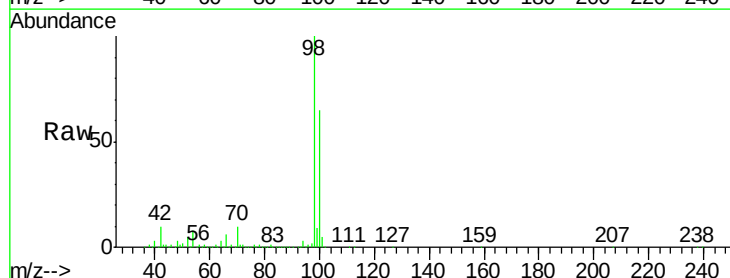
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

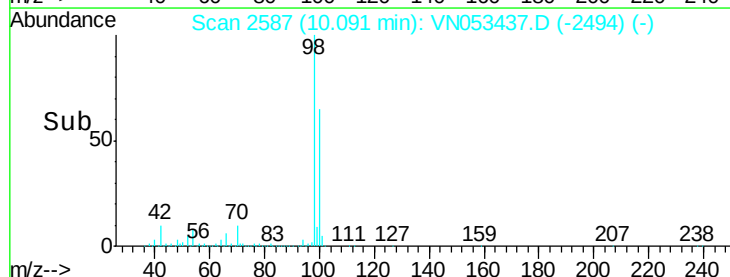
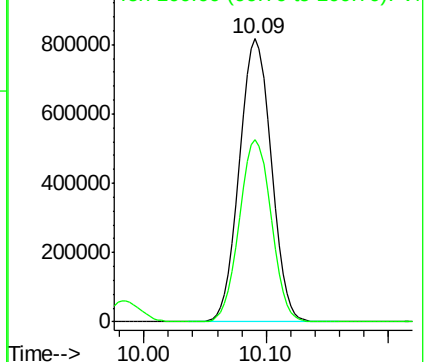
Tgt Ion: 98 Resp: 1477254

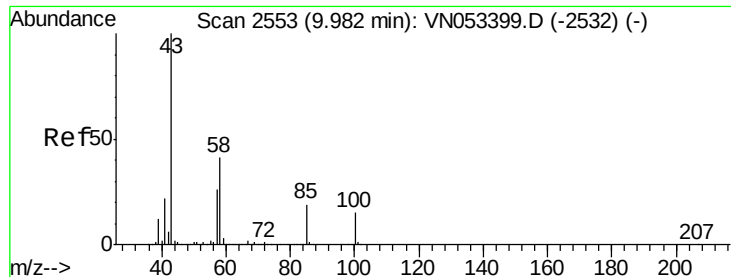
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

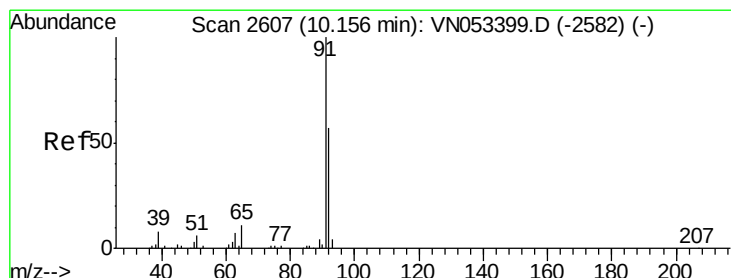
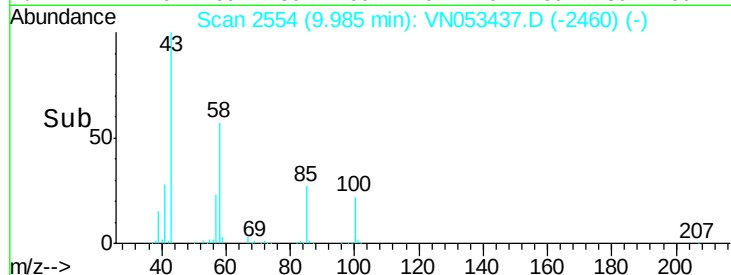
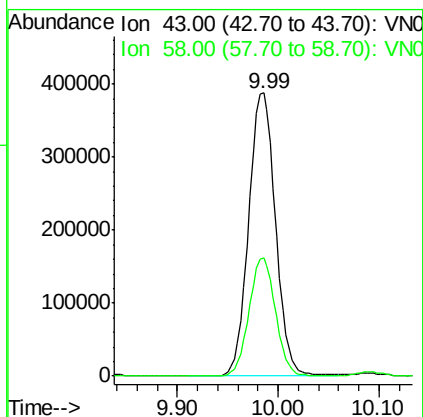
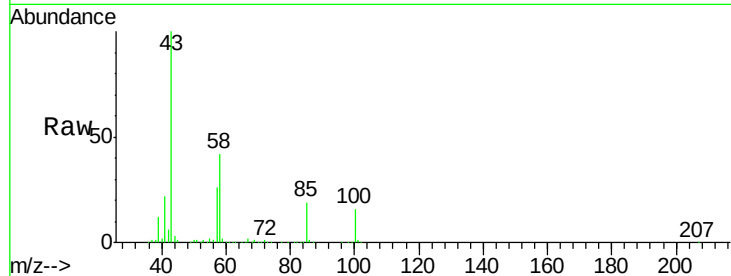
Ion 100.00 (99.70 to 100.70): VN0





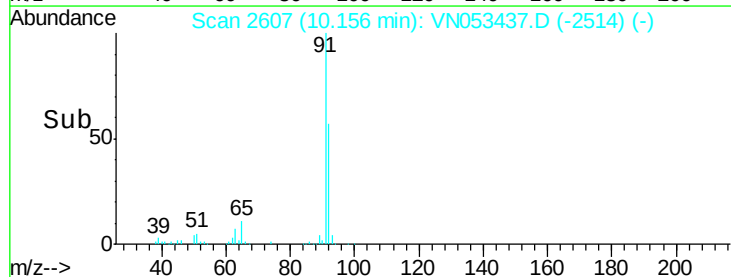
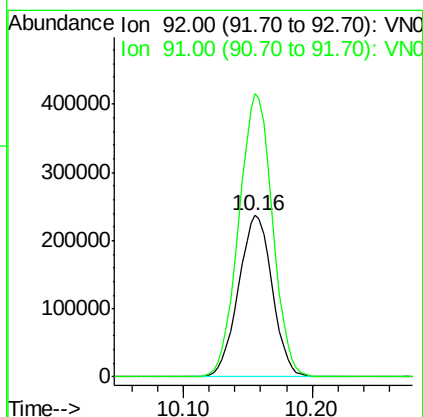
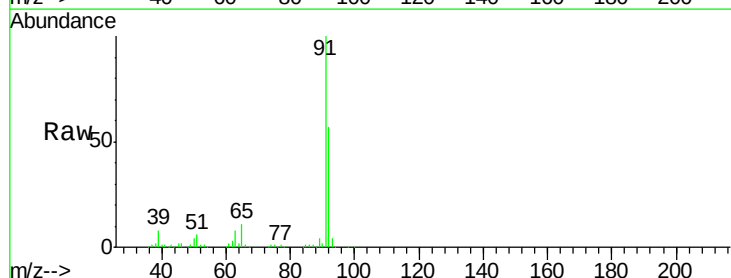
#51
 4-Methyl-2-Pentanone
 Concen: 110.608 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

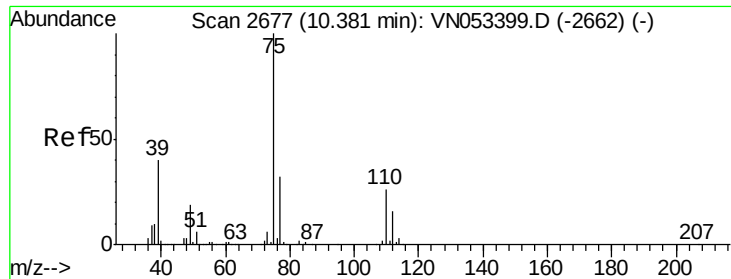
Tot Ion: 43 Resp: 707600
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.8 49.2



#52
 Toluene
 Concen: 20.179 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion: 92 Resp: 431240
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.9 209.9

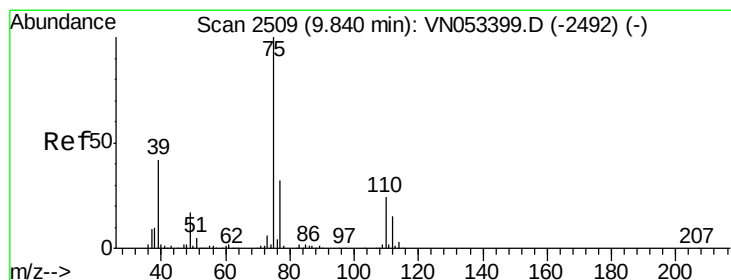
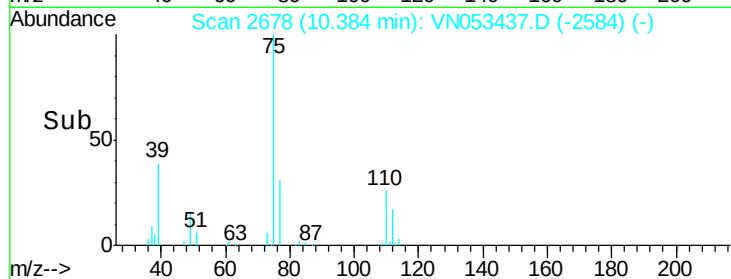
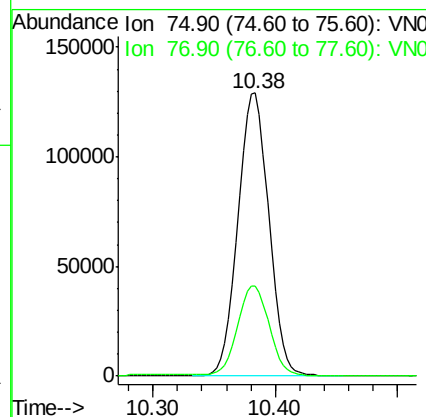
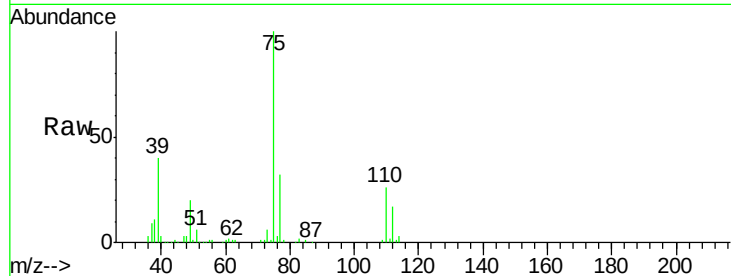




#53
t-1,3-Dichloropropene
Concen: 20.356 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion: 75 Resp: 227308

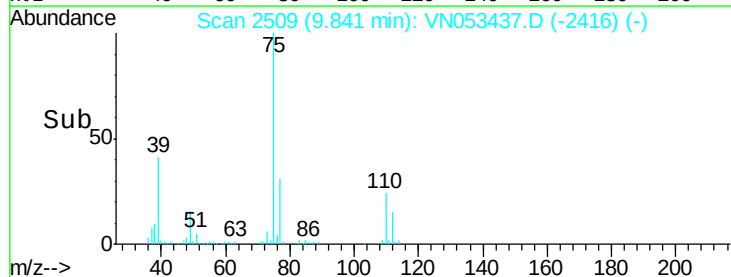
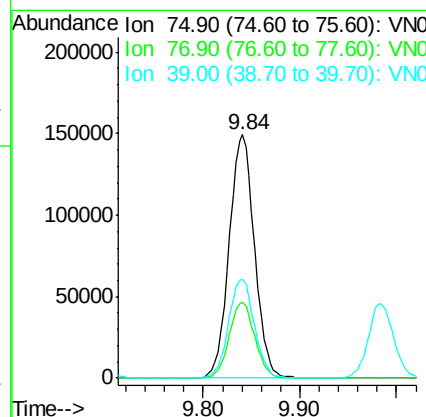
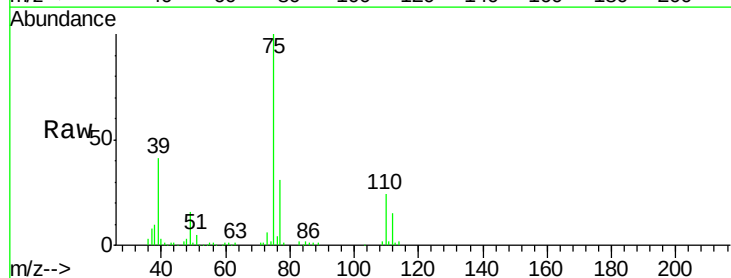
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

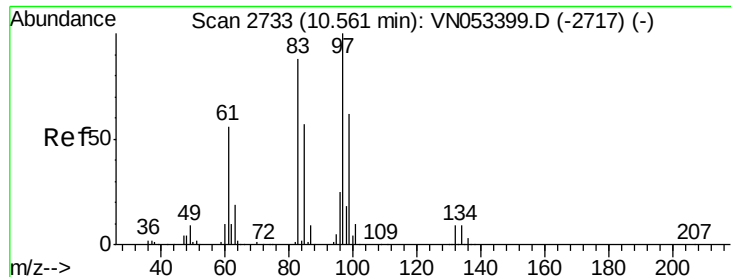


#54
cis-1,3-Dichloropropene
Concen: 20.696 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion: 75 Resp: 270909

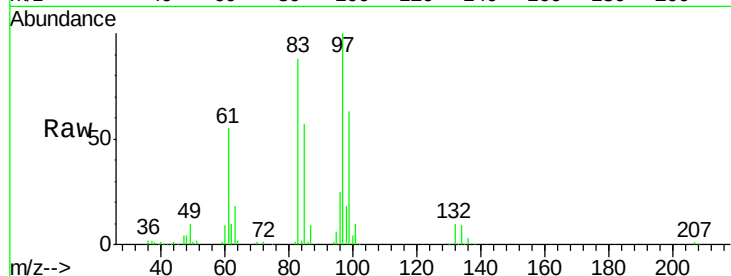
Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.6
39	40.7	33.4	50.0





#55
1,1,2-Trichloroethane
Concen: 21.212 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.1	105.1
85	56.6	45.4	68.0
99	62.7	49.8	74.8

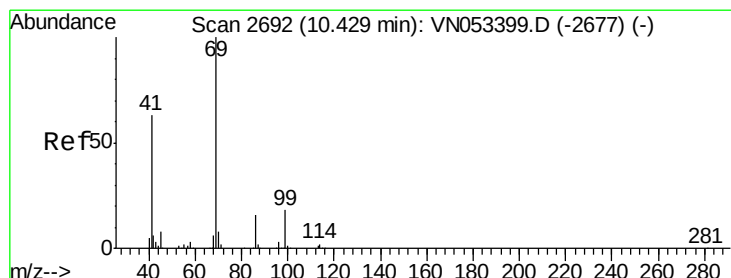
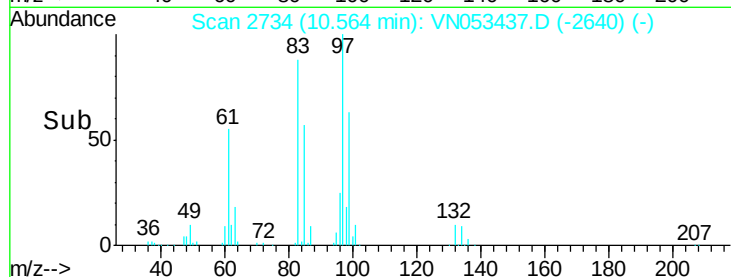
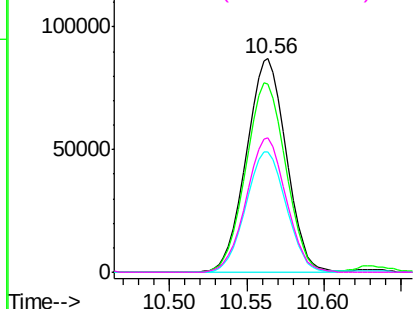


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

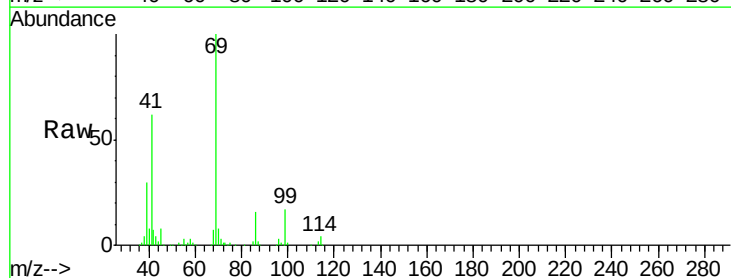
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
Ethyl methacrylate
Concen: 20.559 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

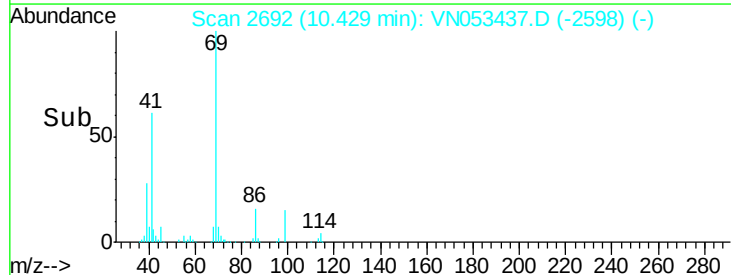
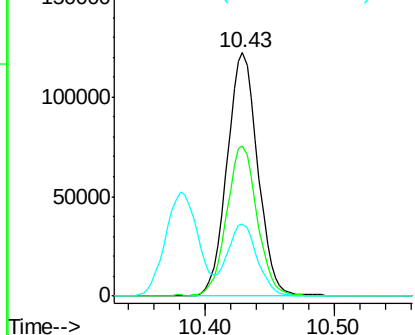
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	49.4	74.0
39	29.0	23.3	34.9

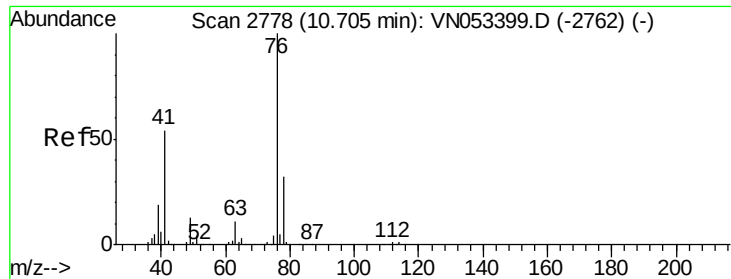


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

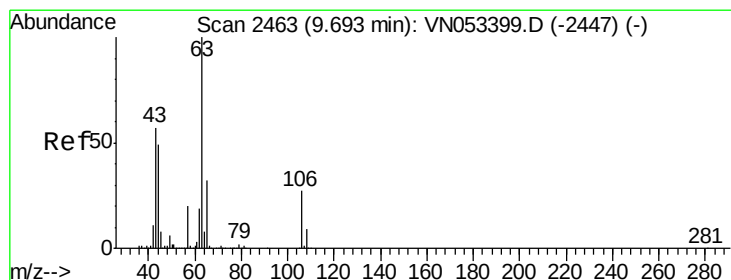
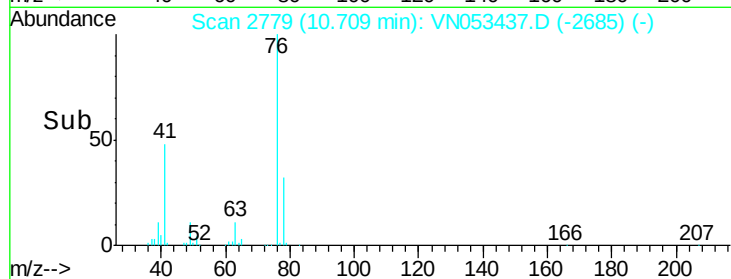
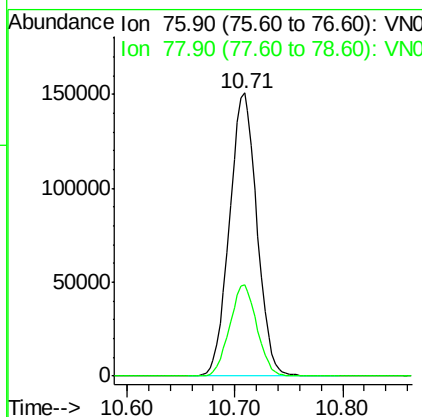
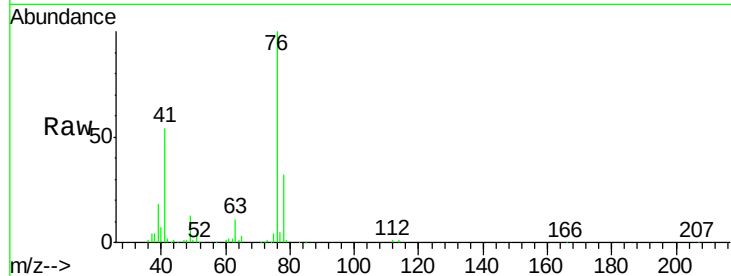
Ion 39.00 (38.70 to 39.70): VN0





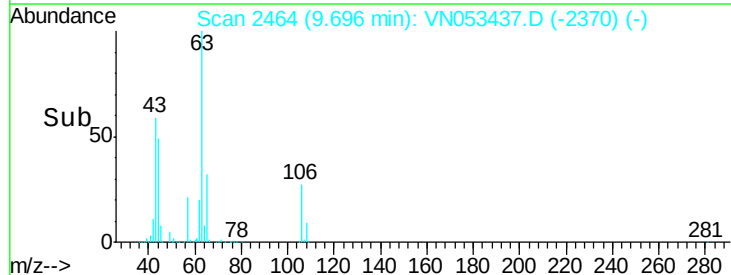
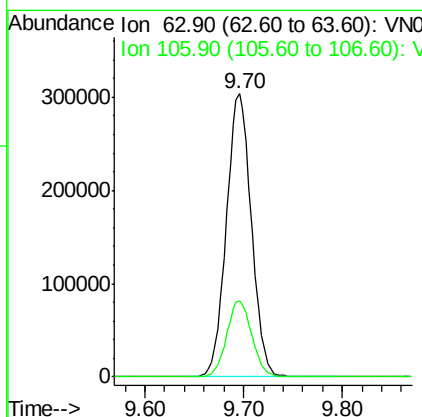
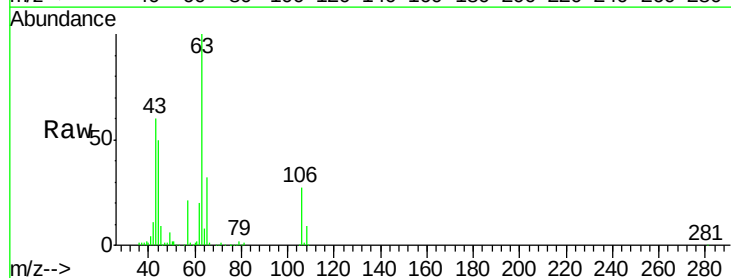
#57
 1,3-Dichloropropane
 Concen: 21.023 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

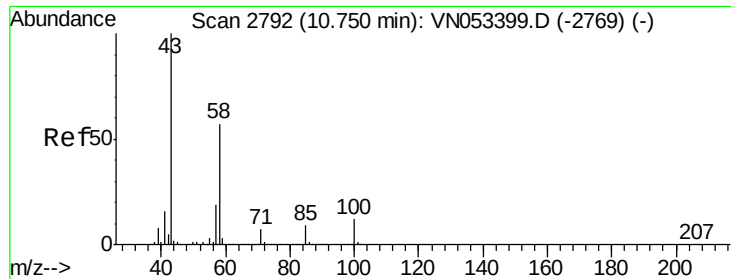
Tot Ion: 76 Resp: 267955
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.424 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

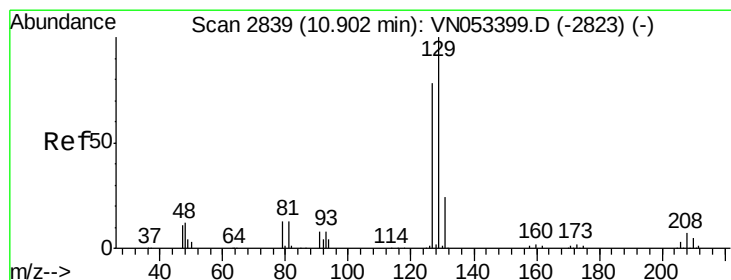
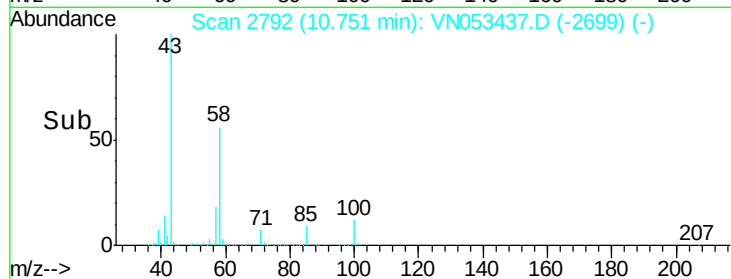
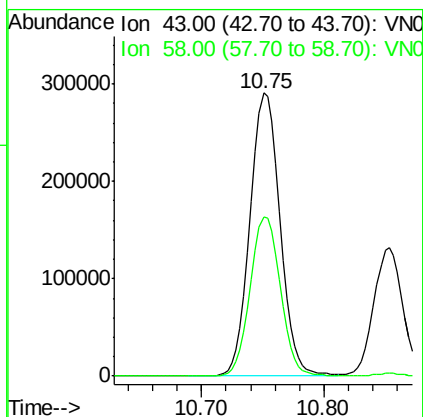
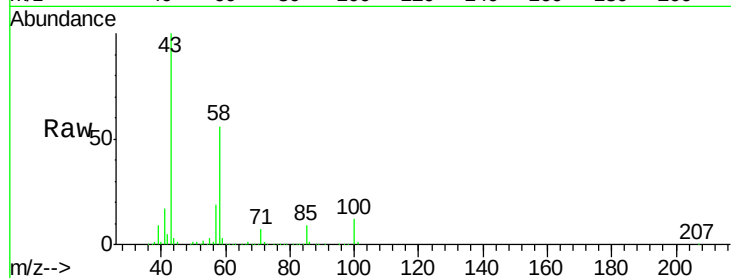
Tgt Ion: 63 Resp: 538260
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.5 32.3





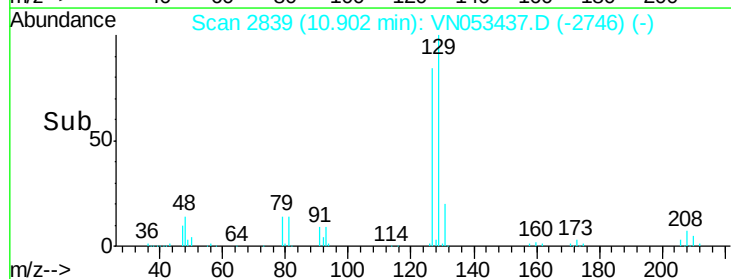
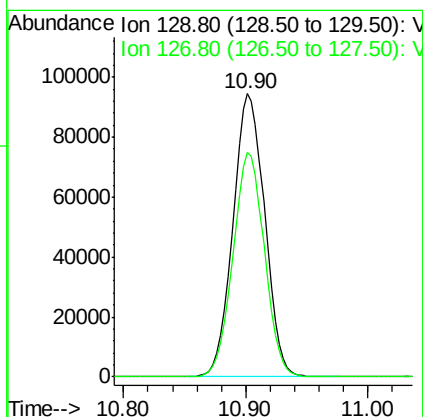
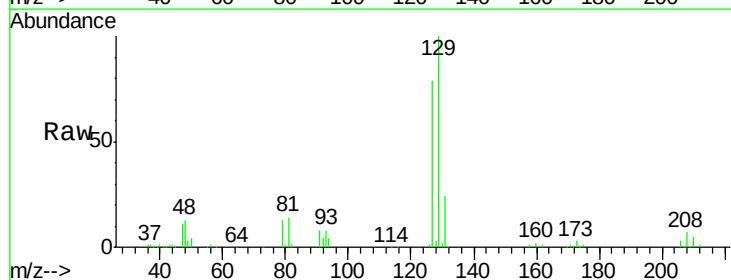
#59
2-Hexanone
Concen: 109.605 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

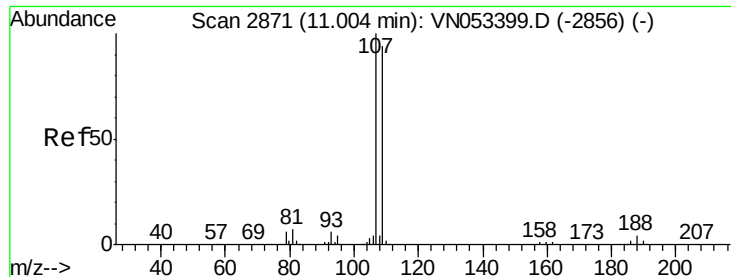
Tot Ion: 43 Resp: 492221
Ion Ratio Lower Upper
43 100
58 56.9 28.6 85.8



#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

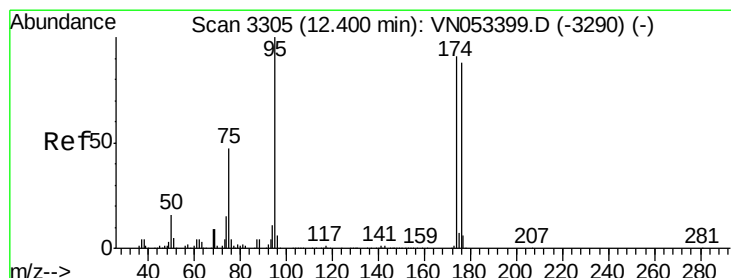
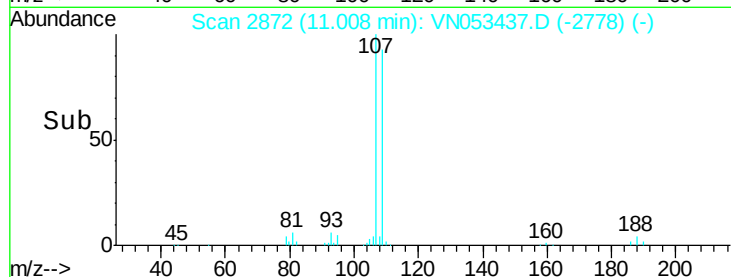
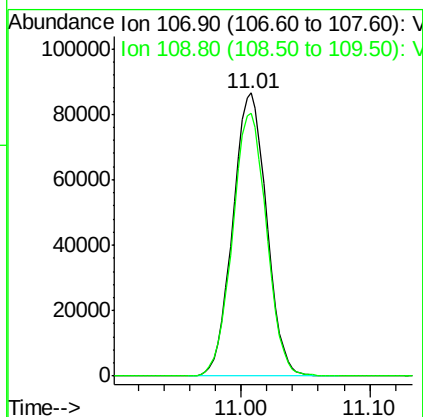
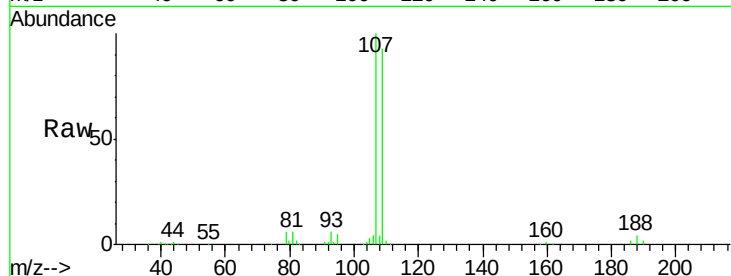
Tgt Ion: 129 Resp: 170038
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





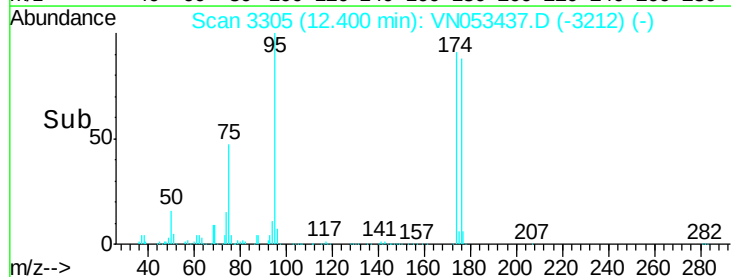
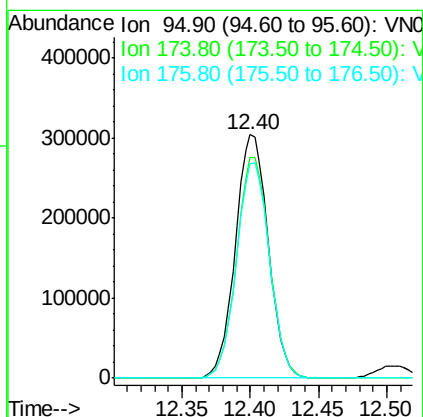
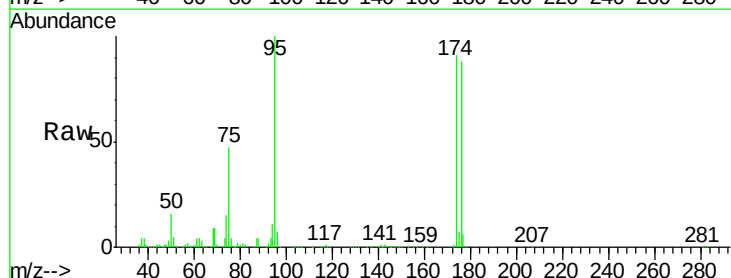
#61
 1,2-Dibromoethane
 Concen: 21.122 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

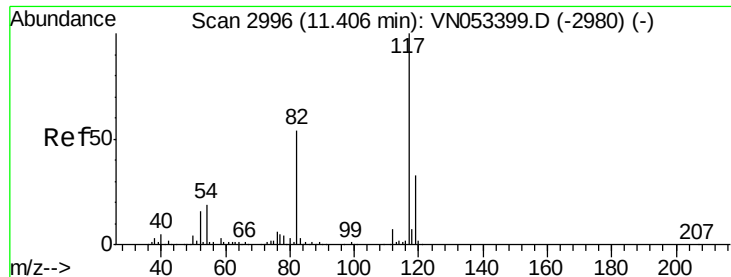
Tot Ion: 107 Resp: 157392
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 21.122 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion: 95 Resp: 508306
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 183.2
 176 88.9 0.0 177.4

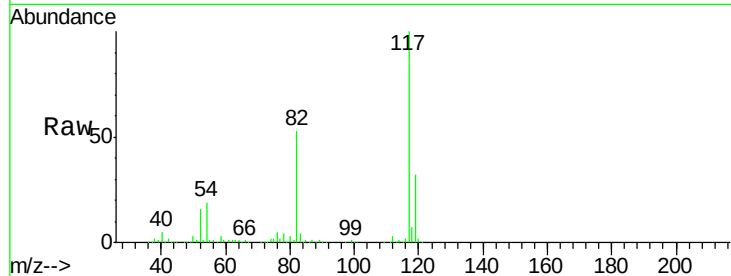




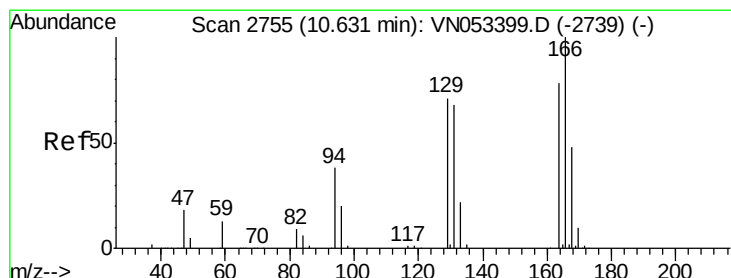
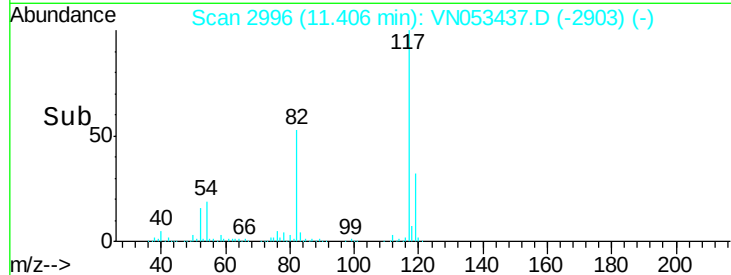
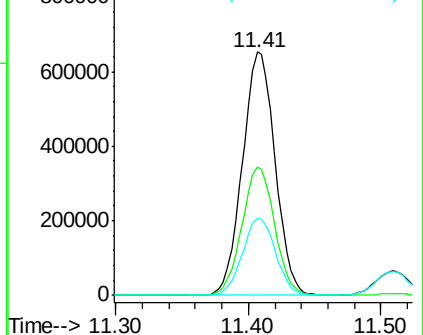
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion:117 Resp: 1115793

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.9	64.3
119	31.7	26.0	39.0



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

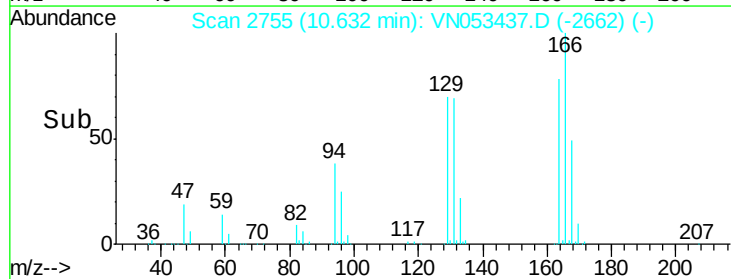
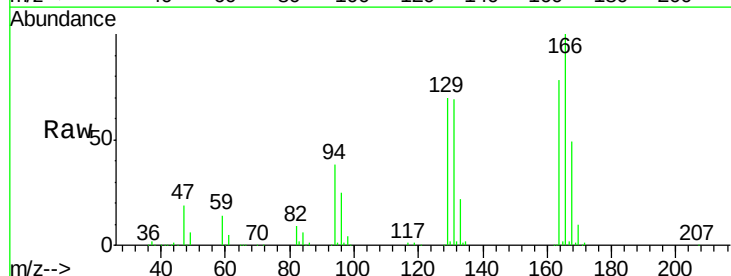
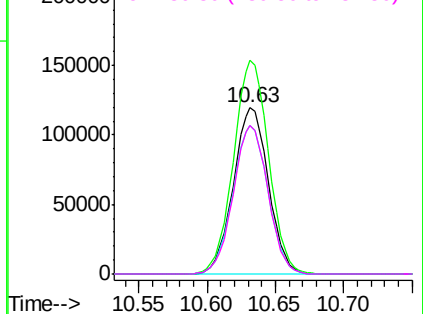


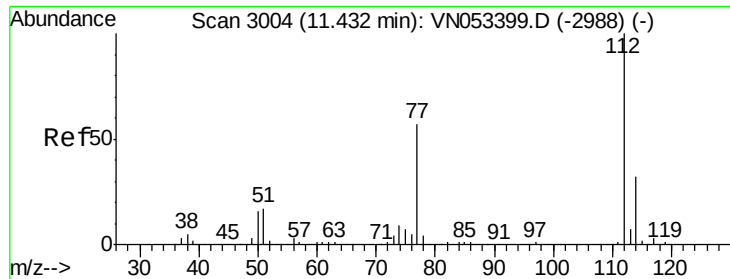
#64
Tetrachloroethene
Concen: 20.204 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion:164 Resp: 212451

Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.2	153.4
129	89.6	72.6	109.0
131	89.2	69.5	104.3

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





#65

Chlorobenzene

Concen: 20.439 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053437.D

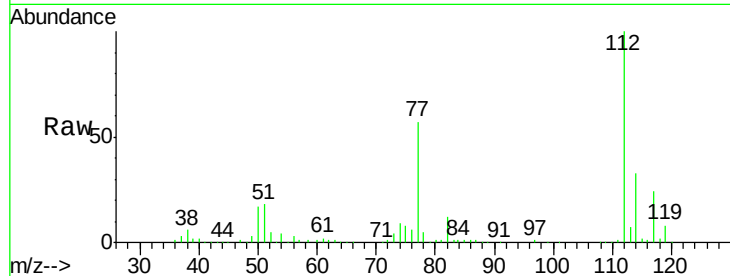
Acq: 17 Jan 2019 16:26

Tot Ion:112 Resp: 482731

Ion Ratio Lower Upper

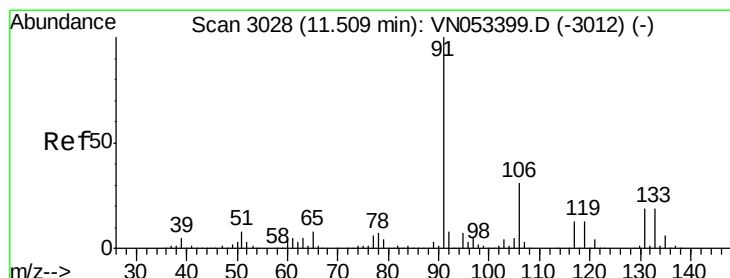
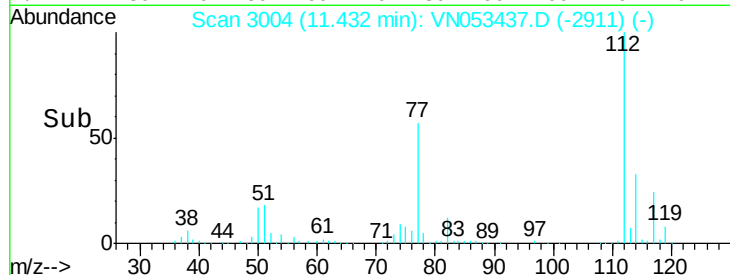
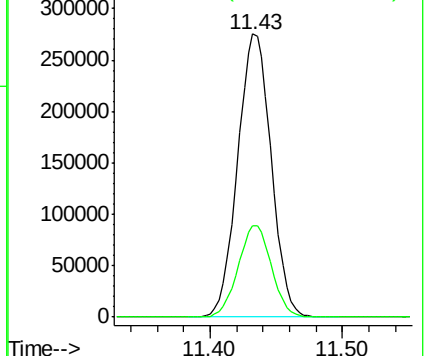
112 100

114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.667 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

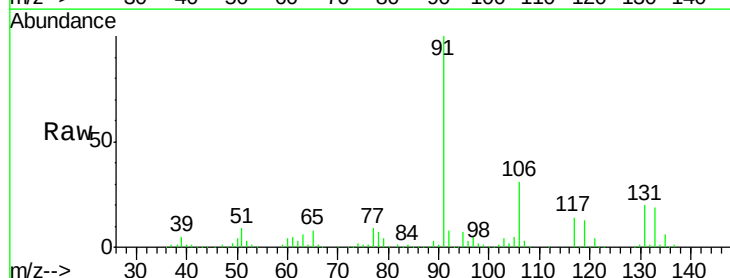
Tgt Ion:131 Resp: 169802

Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.0

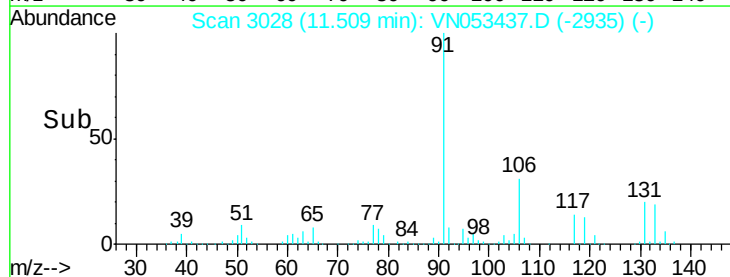
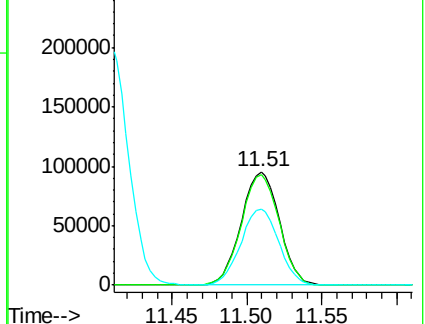
119 67.0 33.5 100.5

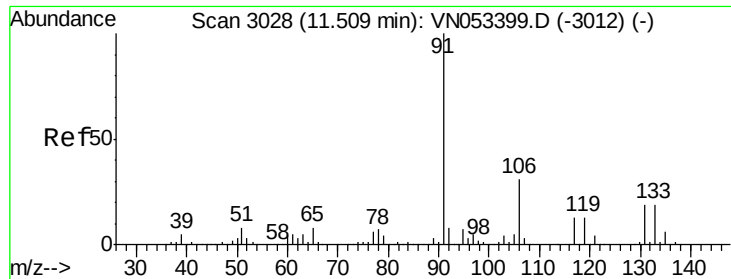


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

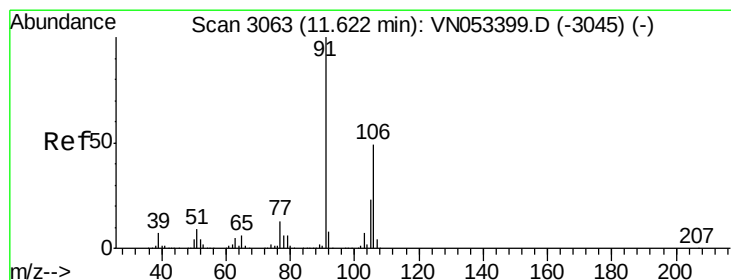
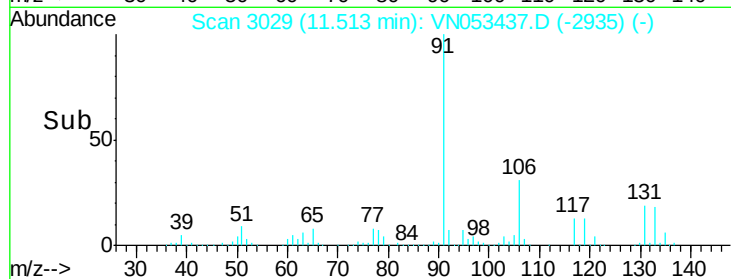
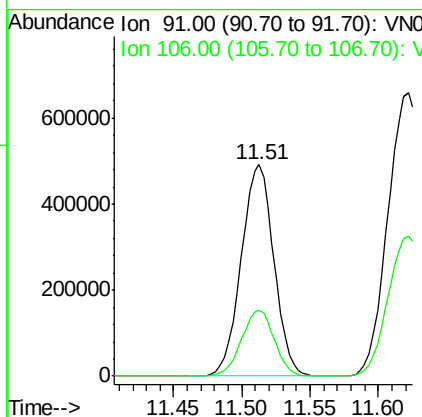
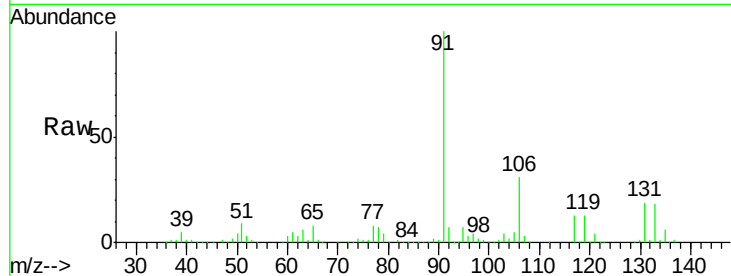
Ion 118.80 (118.50 to 119.50): V





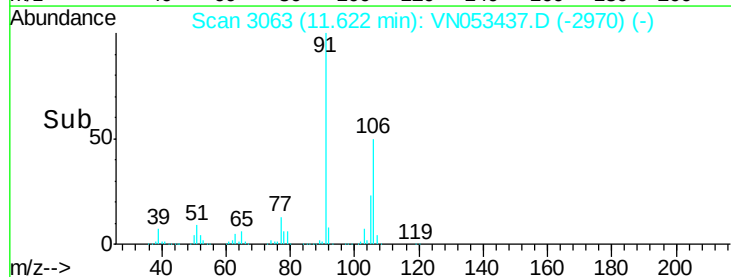
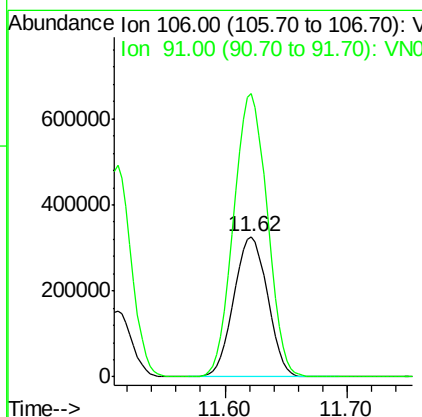
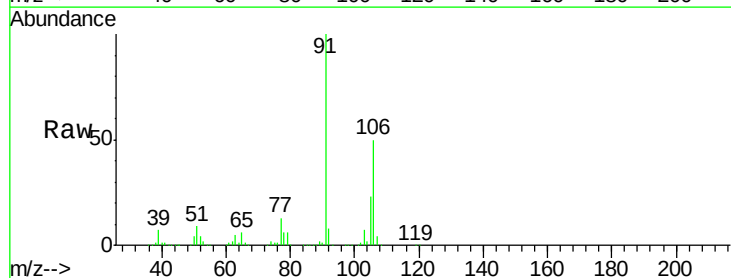
#67
Ethyl Benzene
Concen: 20.264 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

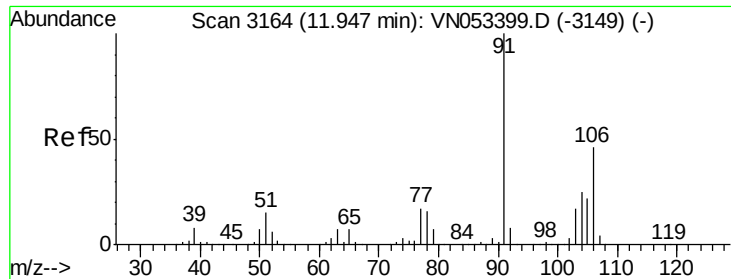
Tot Ion: 91 Resp: 815636
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 41.202 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

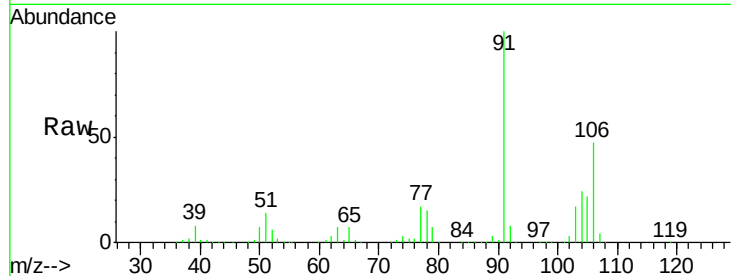
Tgt Ion: 106 Resp: 626137
Ion Ratio Lower Upper
106 100
91 200.9 161.4 242.2



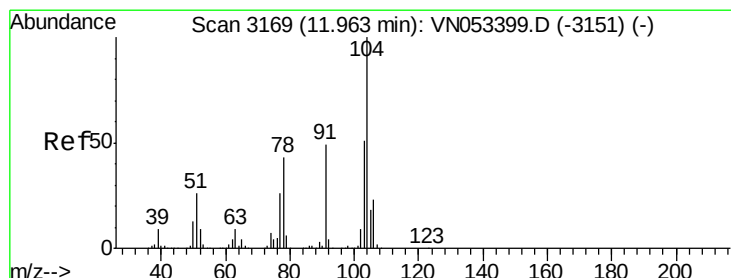
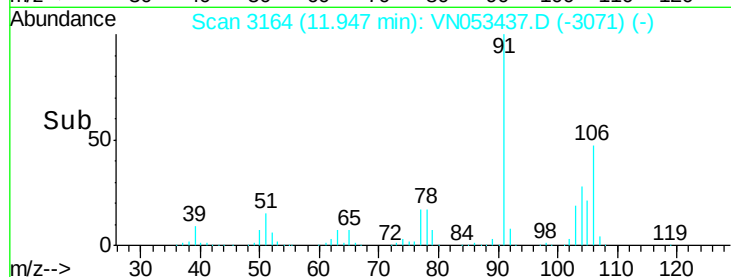
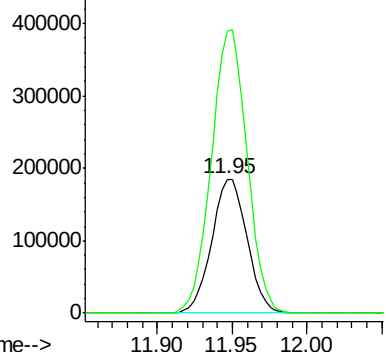


#69
o-Xylene
Concen: 20.671 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tot Ion:106 Resp: 305235
Ion Ratio Lower Upper
106 100
91 213.0 106.9 320.8

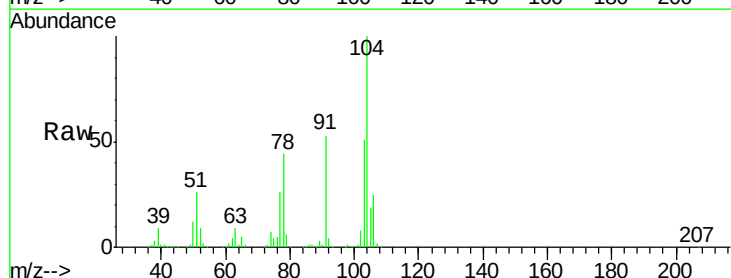


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

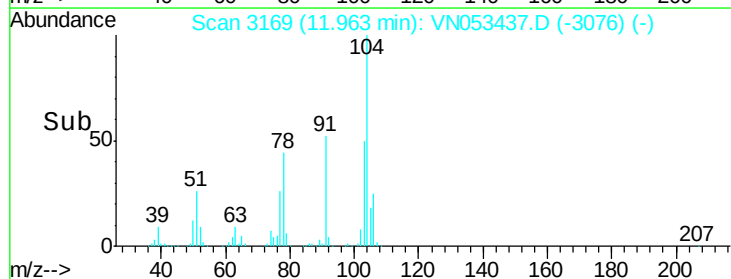
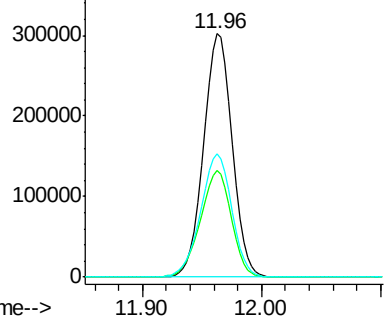


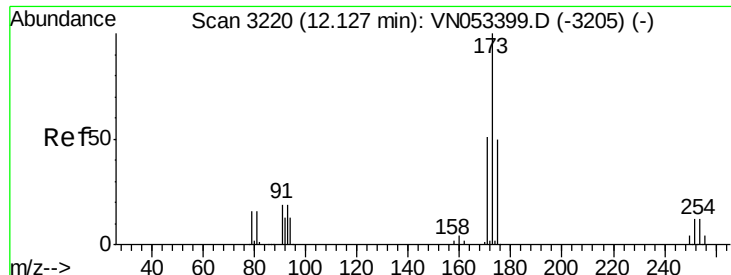
#70
Styrene
Concen: 20.973 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053437.D
Acq: 17 Jan 2019 16:26

Tgt Ion:104 Resp: 502625
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.2 44.4 66.6



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





#71

Bromoform

Concen: 21.331 ug/l

RT: 12.13 min Scan# 3220

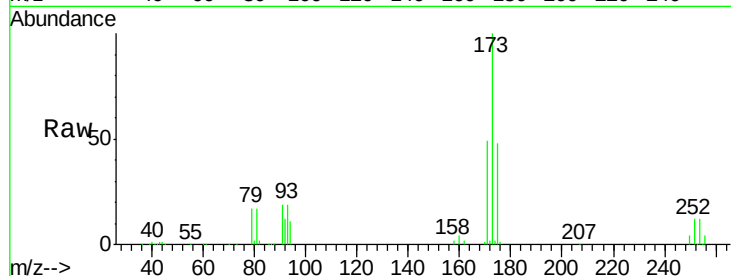
Delta R.T. 0.00 min

Lab File: VN053437.D

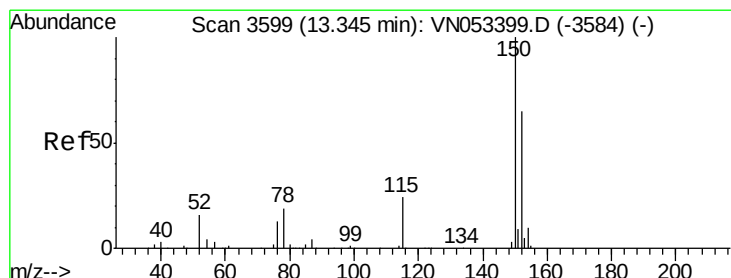
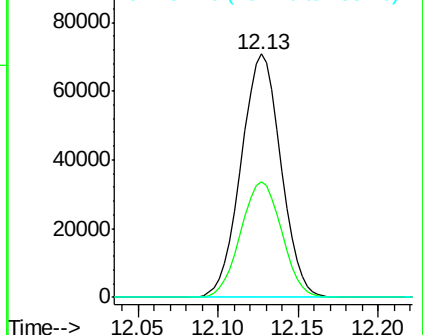
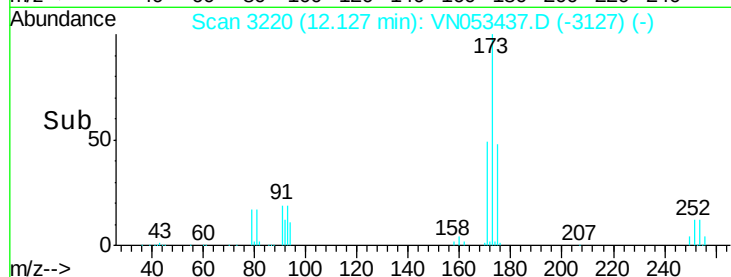
Acq: 17 Jan 2019 16:26

Tot Ion:173 Resp: 120654

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.2	0.2	0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

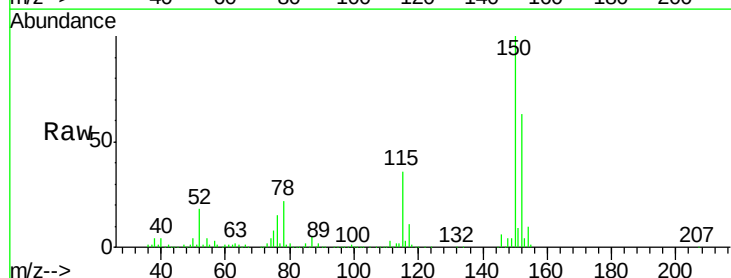
Delta R.T. -0.00 min

Lab File: VN053437.D

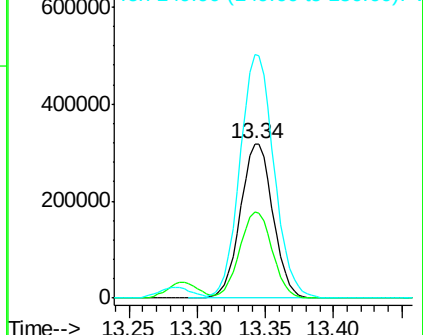
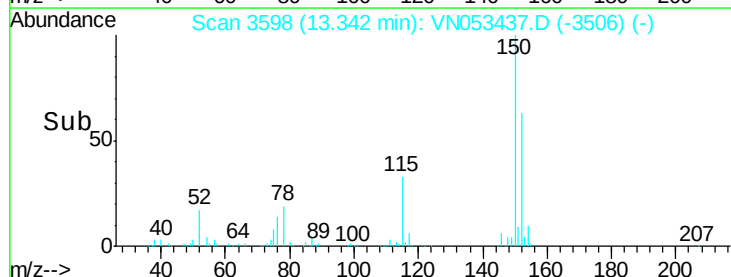
Acq: 17 Jan 2019 16:26

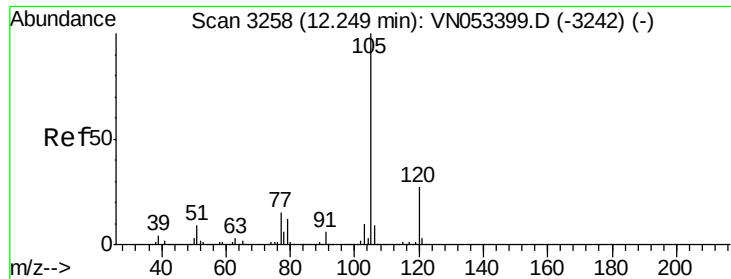
Tgt Ion:152 Resp: 524975

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.4
150	165.1	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: 20.919 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053437.D

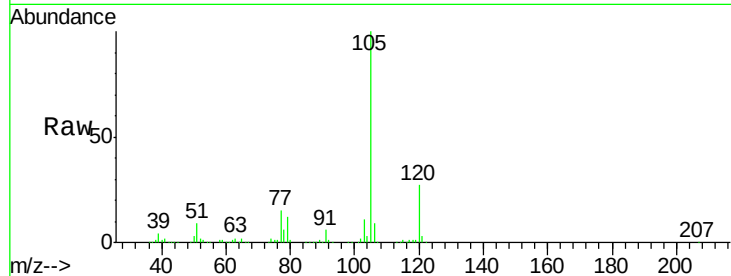
Acq: 17 Jan 2019 16:26

Tot Ion:105 Resp: 804220

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

300000

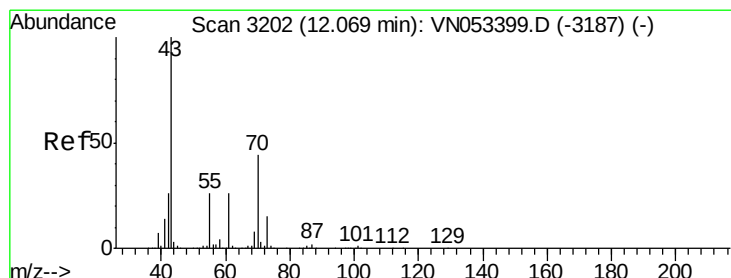
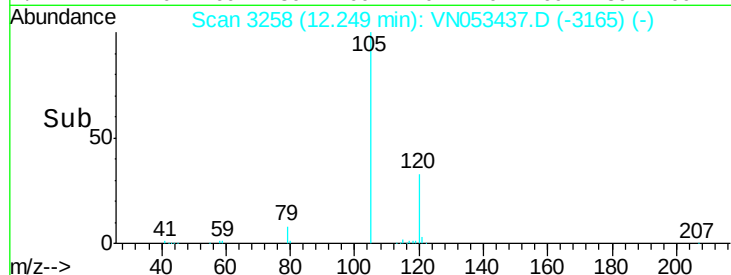
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 21.889 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tgt Ion: 43 Resp: 224326

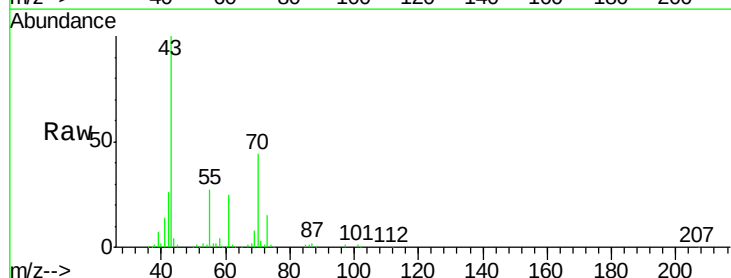
Ion Ratio Lower Upper

43 100

70 44.8 35.4 53.2

55 27.1 20.9 31.3

61 25.1 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

200000

150000

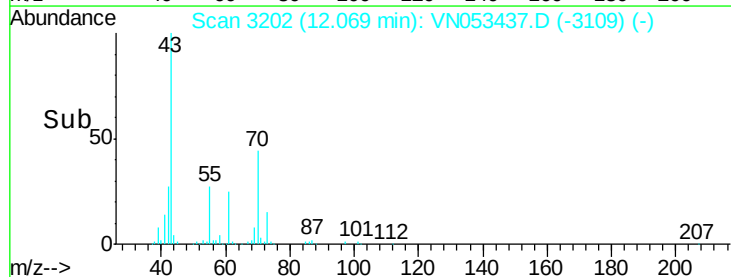
100000

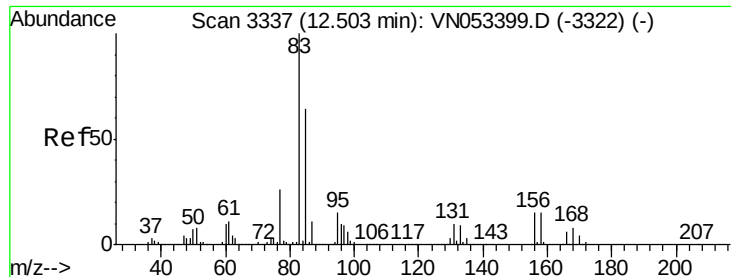
50000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 22.109 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

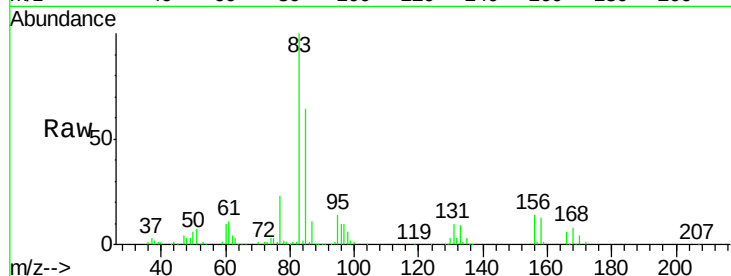
Tot Ion: 83 Resp: 178263

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.8
85	64.3	32.1	96.3

83 100

131 10.5 5.3 15.8

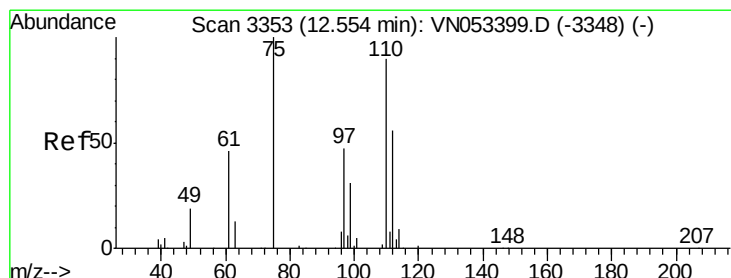
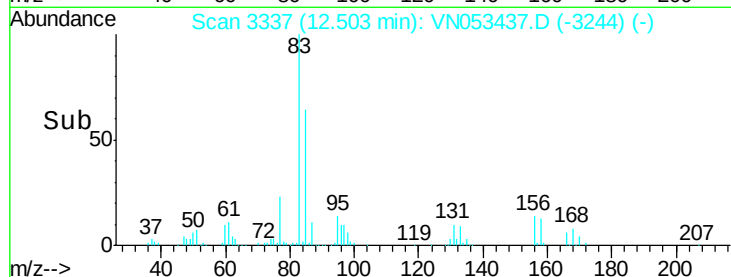
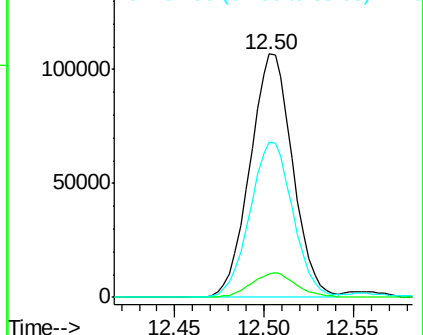
85 64.3 32.1 96.3



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: 34.440 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053437.D

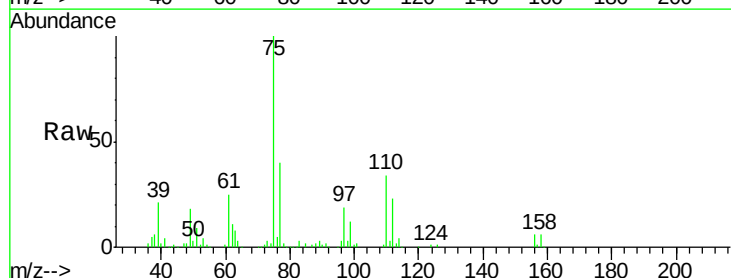
Acq: 17 Jan 2019 16:26

Tgt Ion: 75 Resp: 238259

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

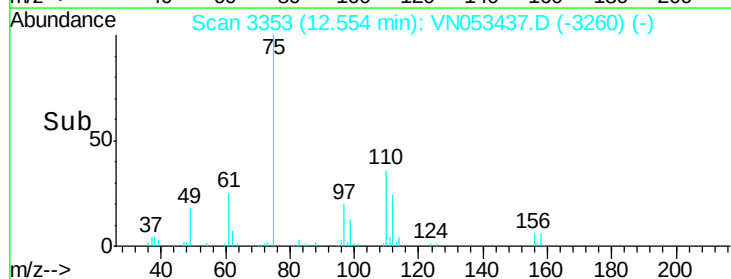
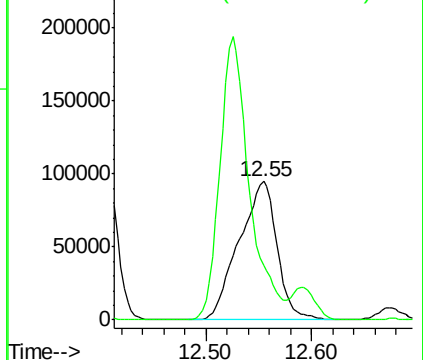
75 100

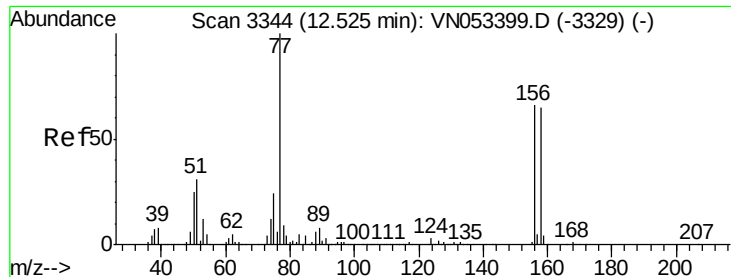
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.813 ug/l

RT: 12.53 min Scan# 3344

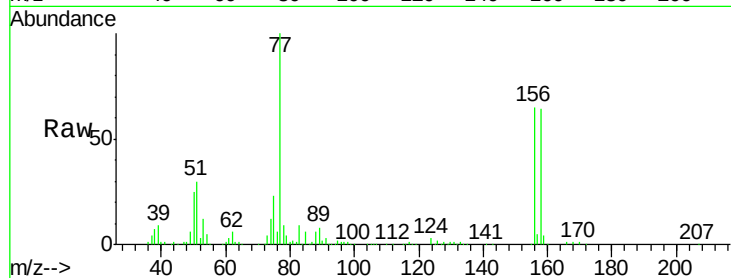
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tot Ion:156 Resp: 210841

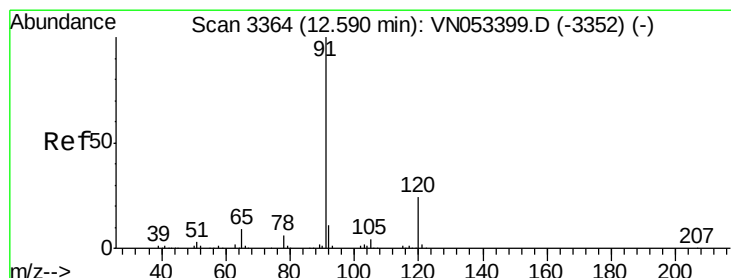
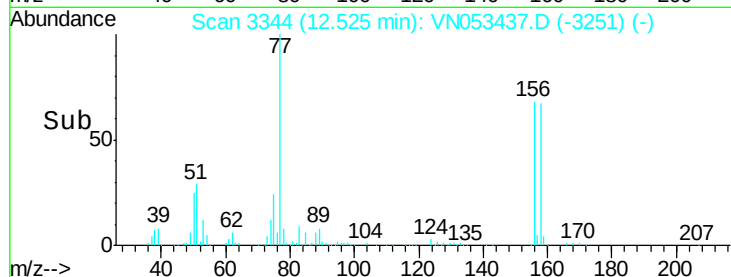
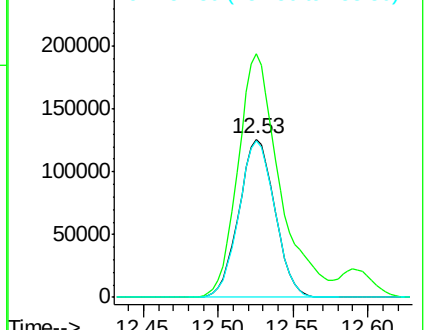
Ion	Ratio	Lower	Upper
156	100		
77	179.3	87.9	263.8
158	99.1	48.8	146.4



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: 20.910 ug/l

RT: 12.59 min Scan# 3365

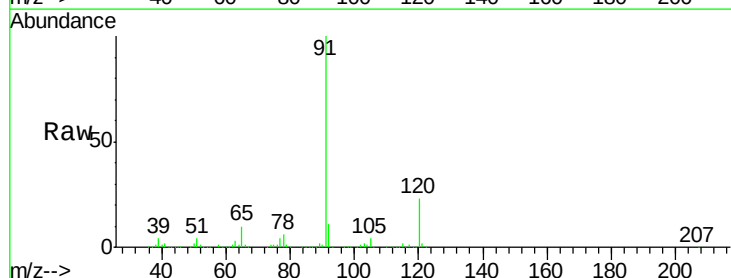
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

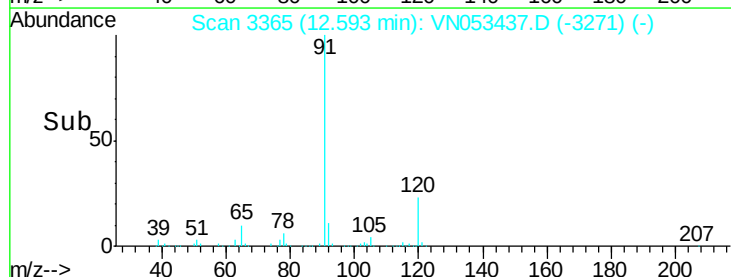
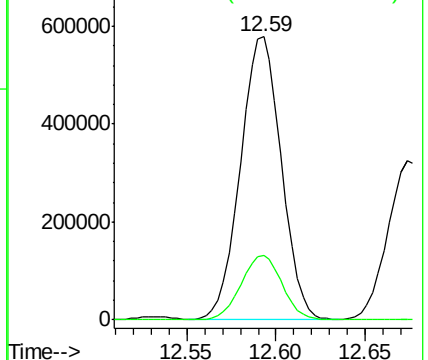
Tgt Ion: 91 Resp: 922745

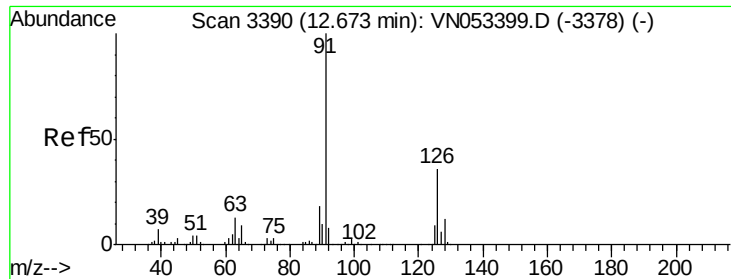
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.797 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053437.D

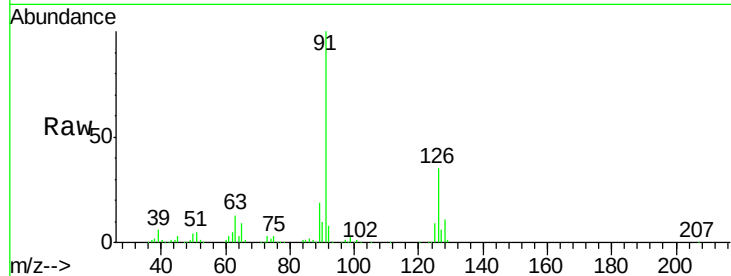
Acq: 17 Jan 2019 16:26

Tot Ion: 91 Resp: 543998

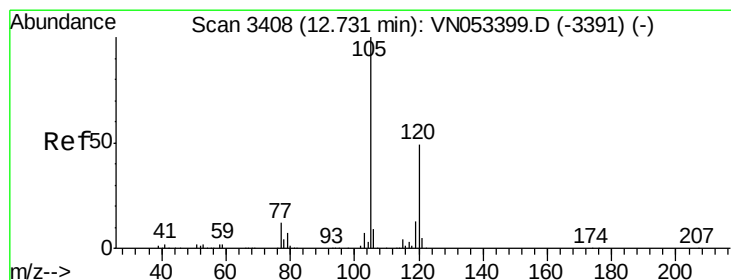
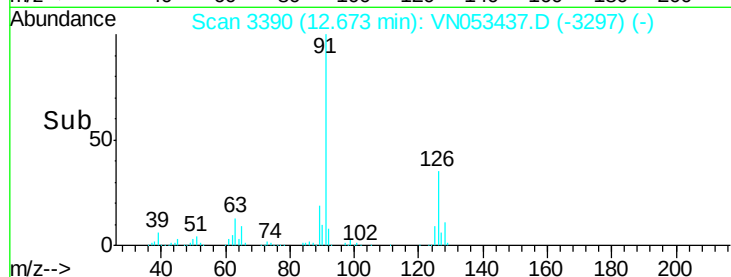
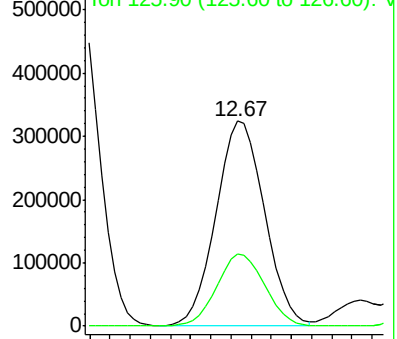
Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.7



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



#80

1,3,5-Trimethylbenzene

Concen: 21.093 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053437.D

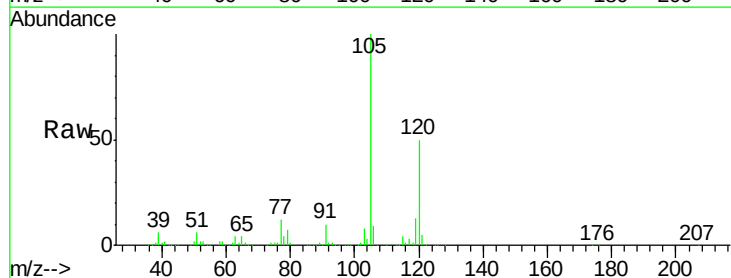
Acq: 17 Jan 2019 16:26

Tgt Ion: 105 Resp: 659774

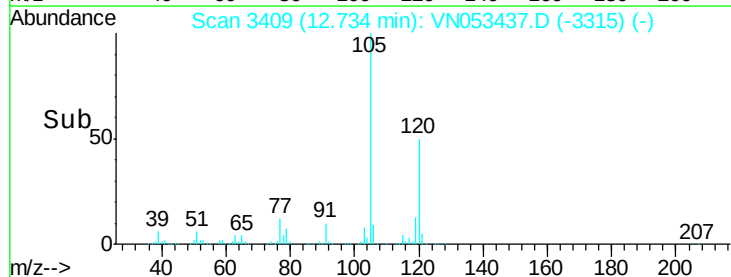
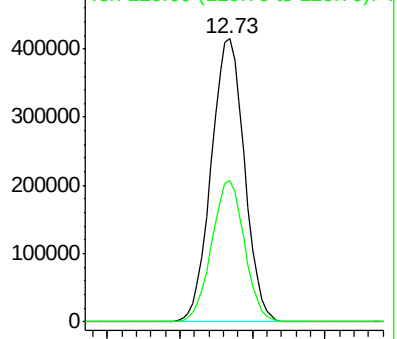
Ion Ratio Lower Upper

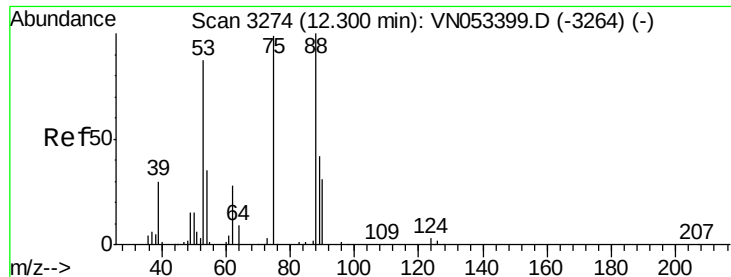
105 100

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: 20.832 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

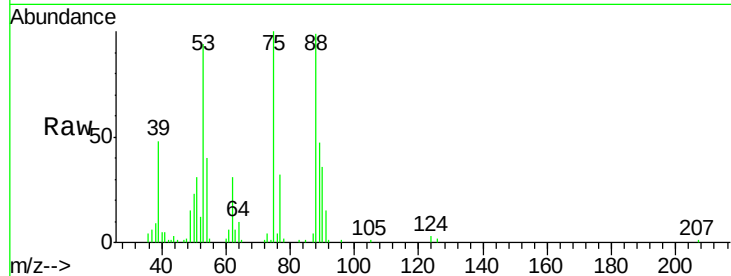
Tot Ion: 75 Resp: 52692

Ion Ratio Lower Upper

75 100

53 92.2 69.8 104.6

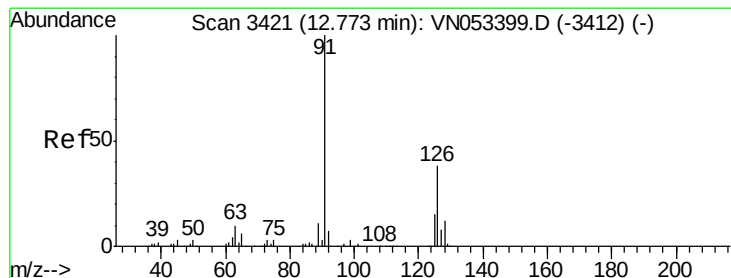
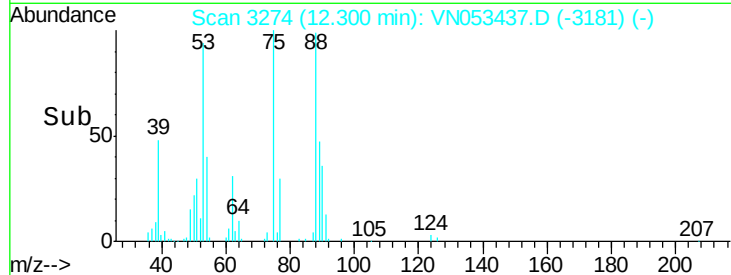
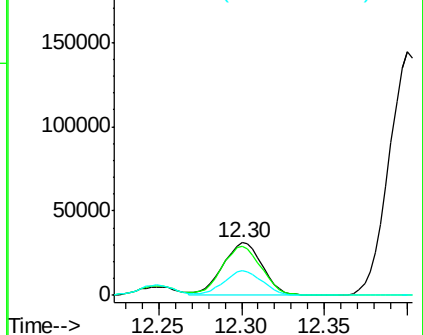
89 44.6 35.6 53.4



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: 20.916 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053437.D

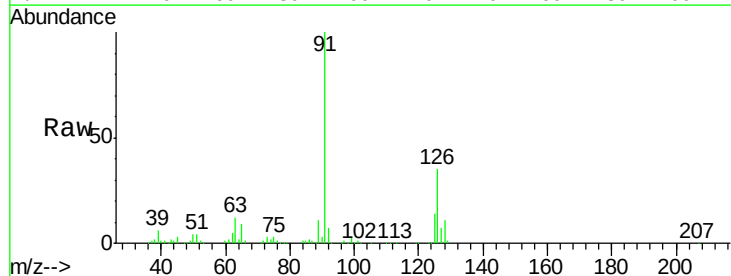
Acq: 17 Jan 2019 16:26

Tgt Ion: 91 Resp: 557944

Ion Ratio Lower Upper

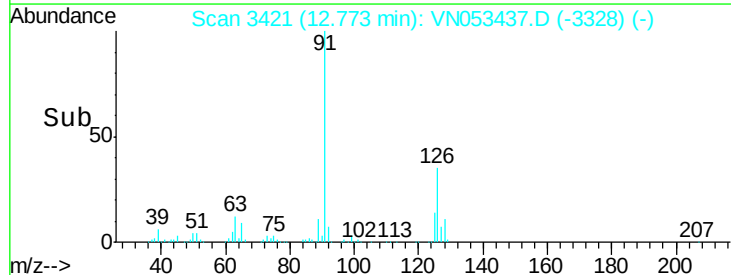
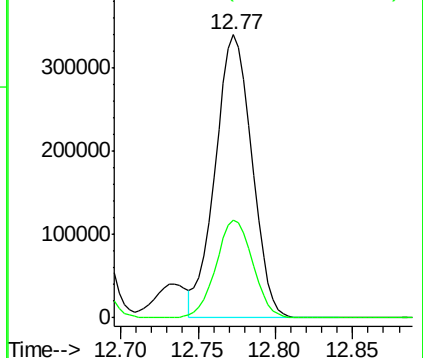
91 100

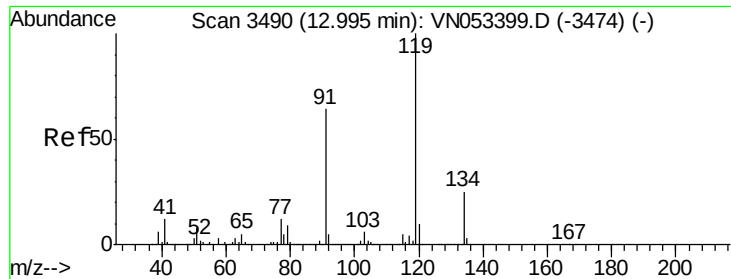
126 34.7 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

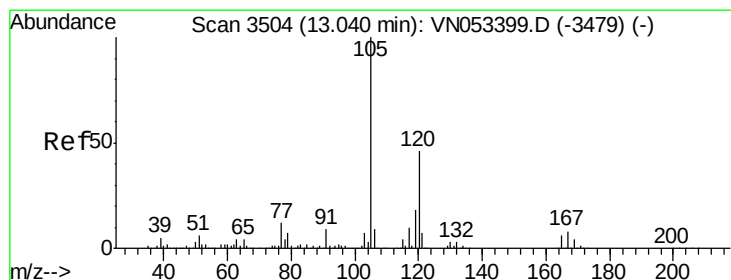
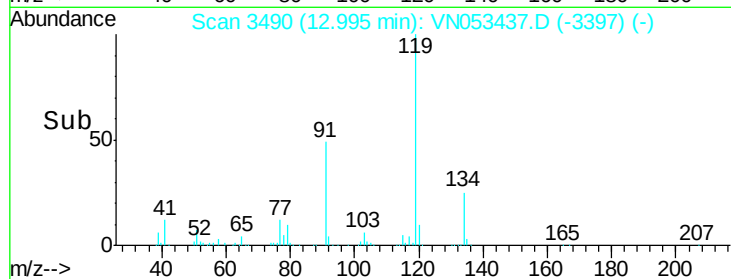
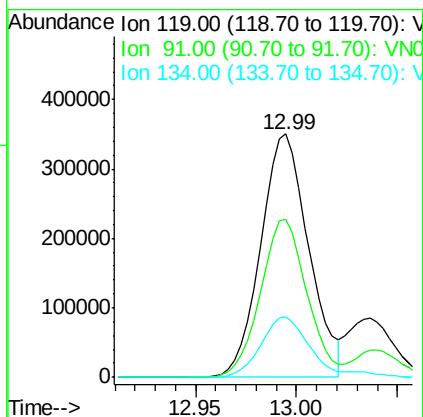
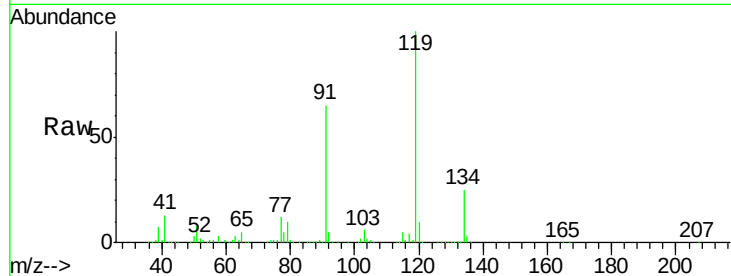
Ion 125.90 (125.60 to 126.60): V





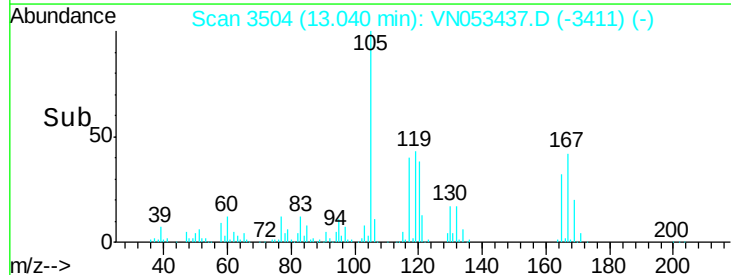
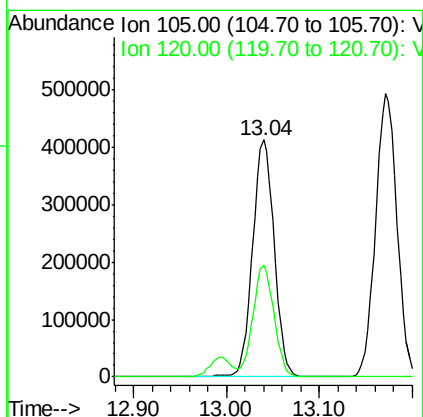
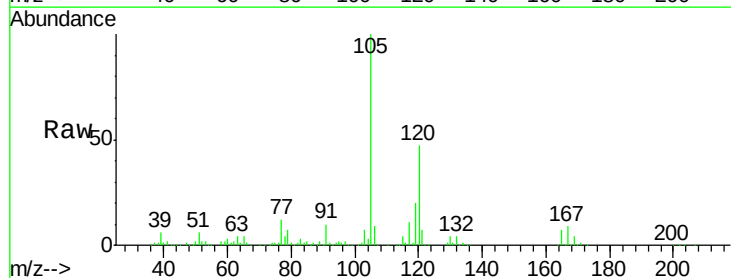
#83
 tert-Butylbenzene
 Concen: 20.954 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

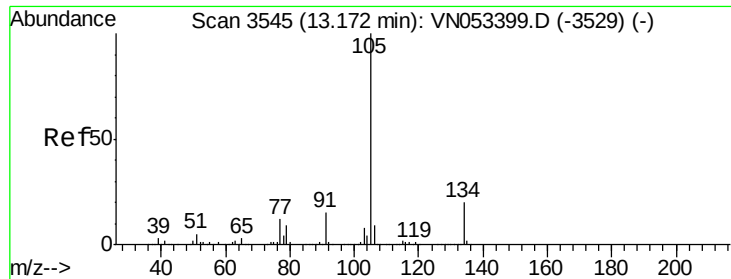
Tot Ion:119 Resp: 578884
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.3 93.8
 134 26.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.135 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion:105 Resp: 666567
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.752 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053437.D

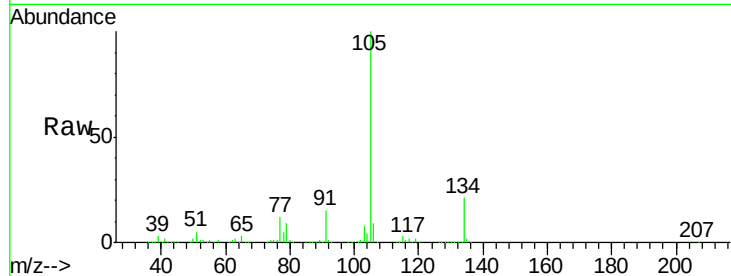
Acq: 17 Jan 2019 16:26

Tot Ion:105 Resp: 786247

Ion Ratio Lower Upper

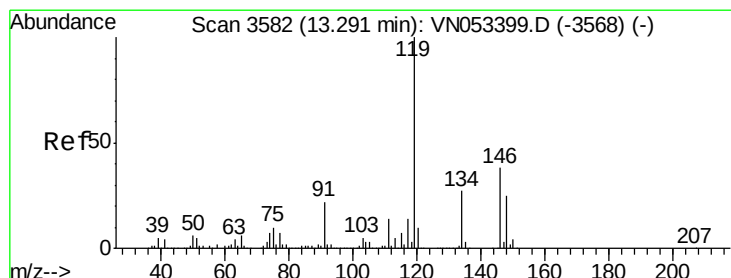
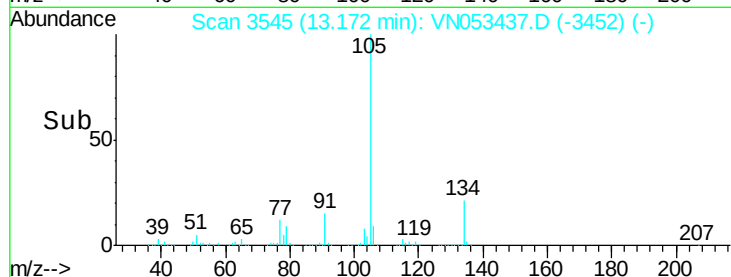
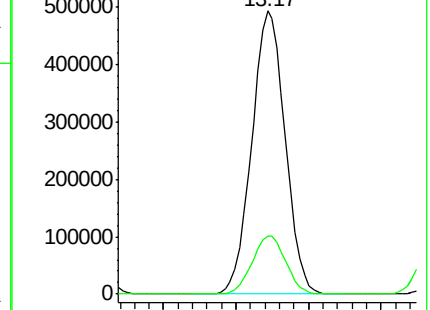
105 100

134 20.8 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: 20.720 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

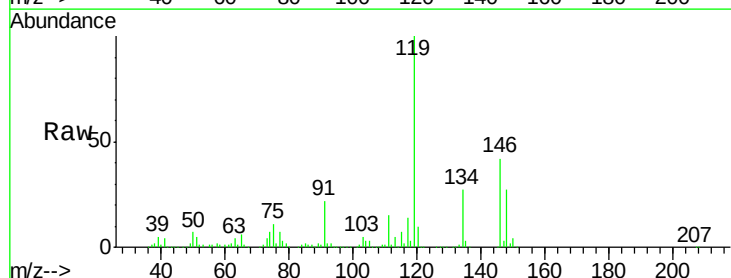
Tgt Ion:119 Resp: 681651

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

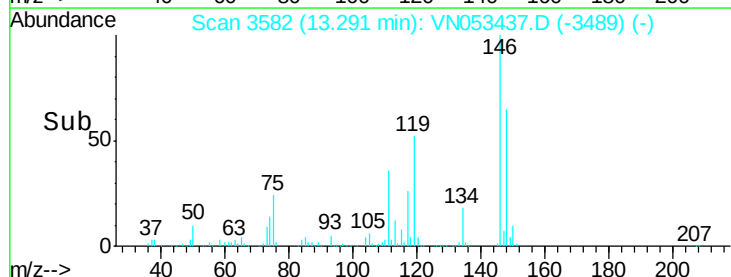
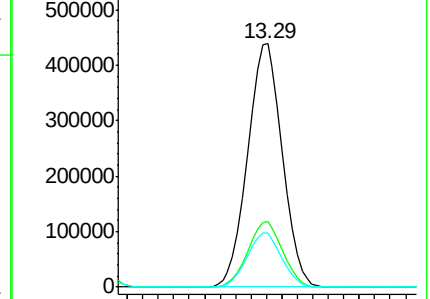
91 22.4 11.0 33.0

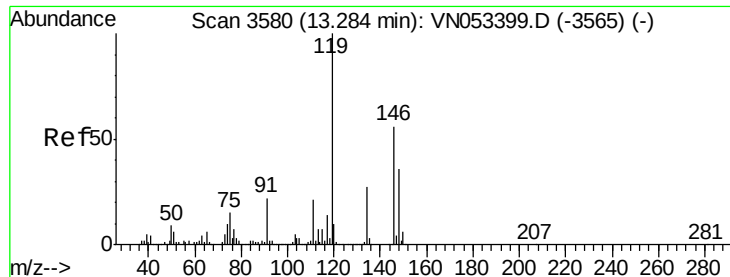


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

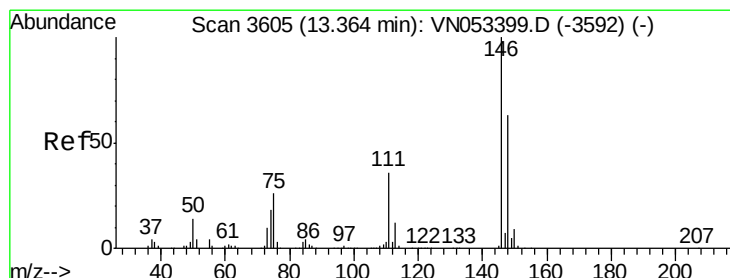
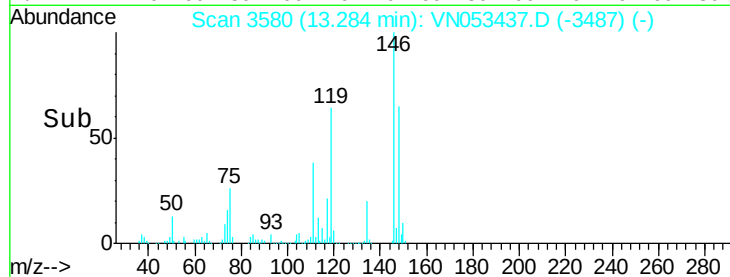
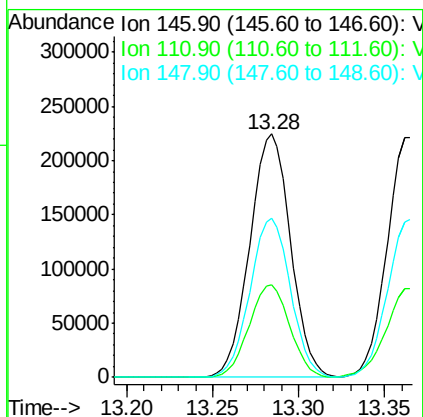
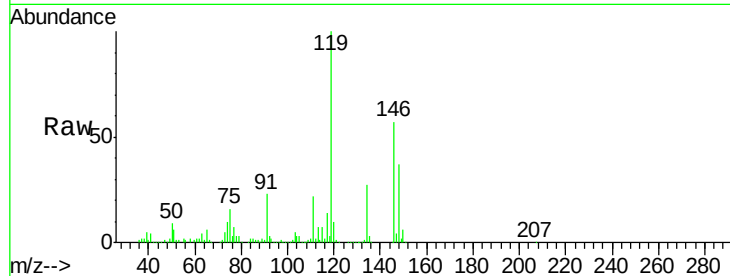
Ion 91.00 (90.70 to 91.70): V





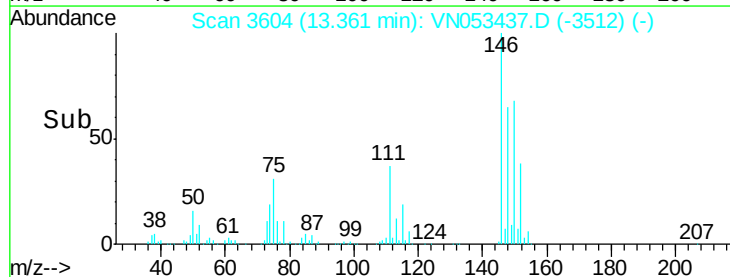
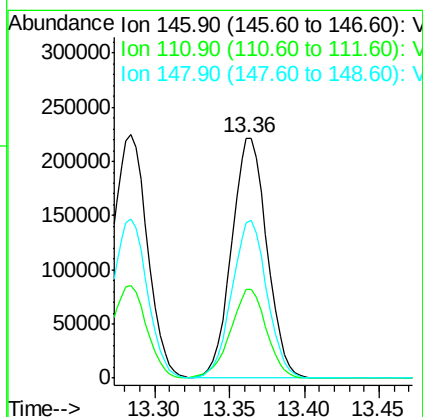
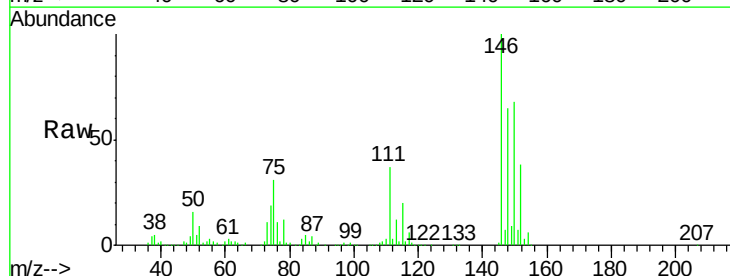
#87
 1,3-Dichlorobenzene
 Concen: 20.744 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

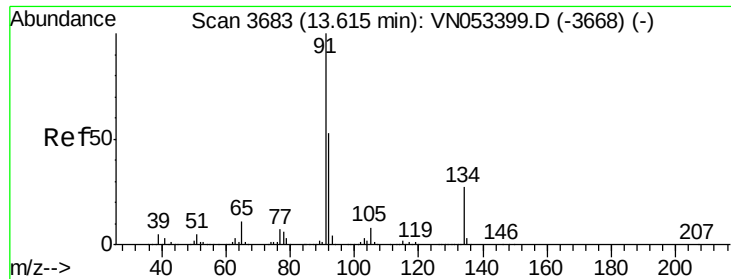
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.3
148	64.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.365 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	65.3	32.4	97.0





#89

n-Butylbenzene

Concen: 20.065 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

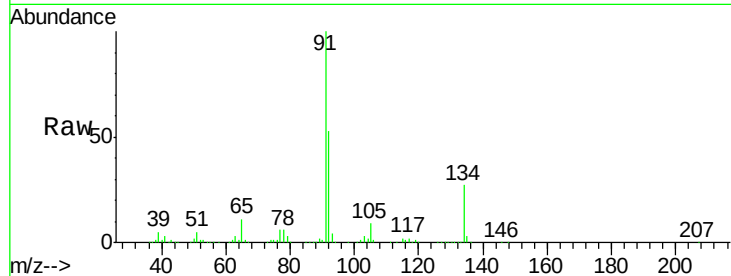
Tot Ion: 91 Resp: 562668

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.8

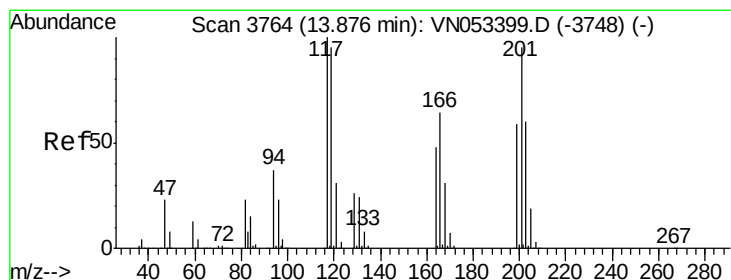
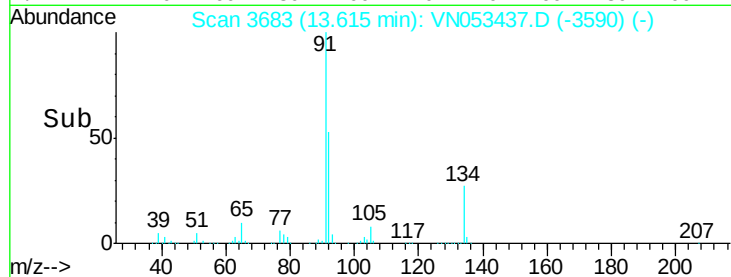
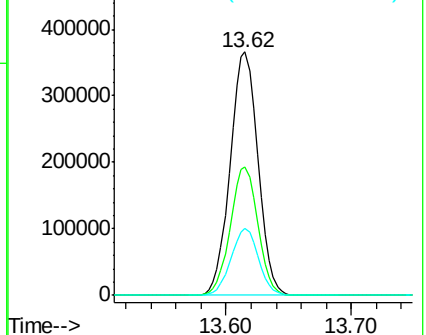
134 27.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN053399.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053399.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053399.D (-3668) (-)



#90

Hexachloroethane

Concen: 20.208 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053437.D

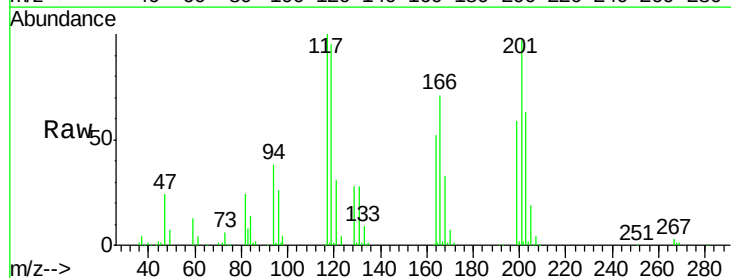
Acq: 17 Jan 2019 16:26

Tgt Ion: 117 Resp: 104266

Ion Ratio Lower Upper

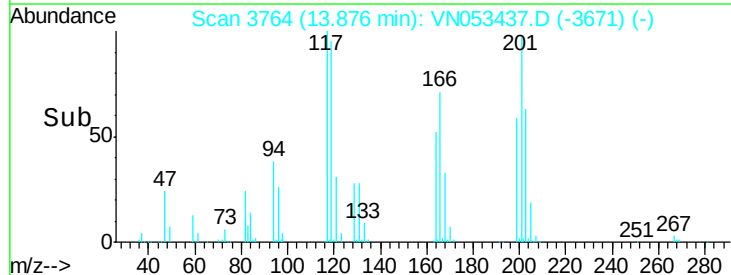
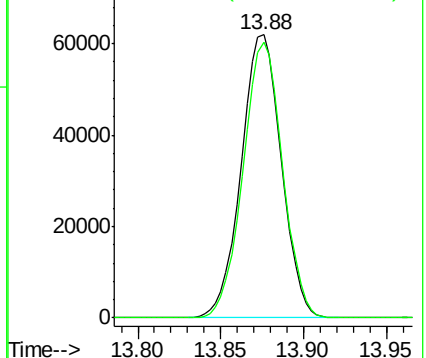
117 100

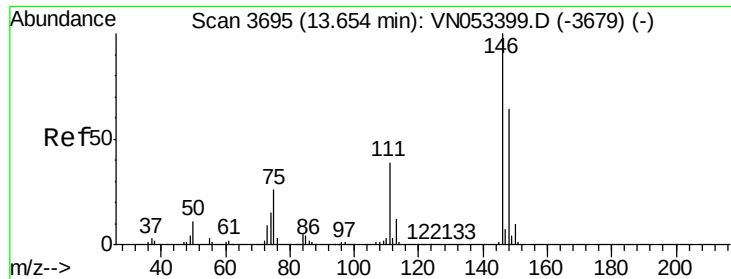
201 95.6 46.8 140.4



Abundance Ion 116.80 (116.50 to 117.50): VN053399.D (-3748) (-)

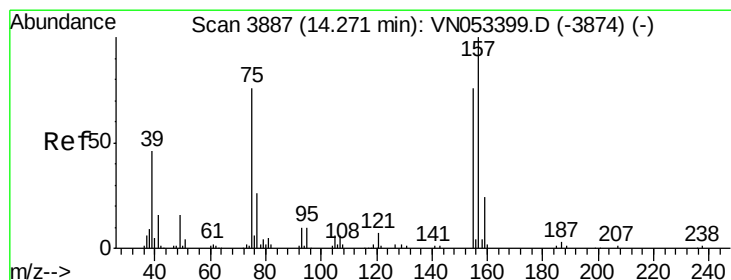
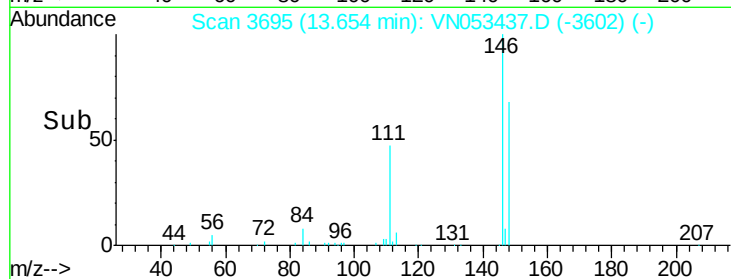
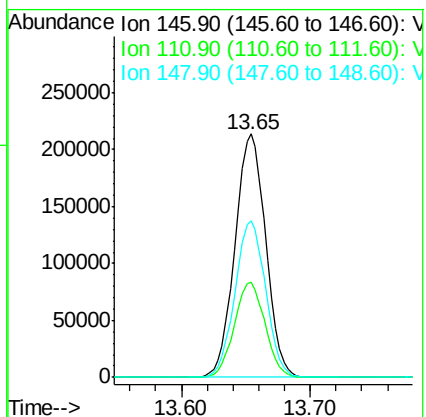
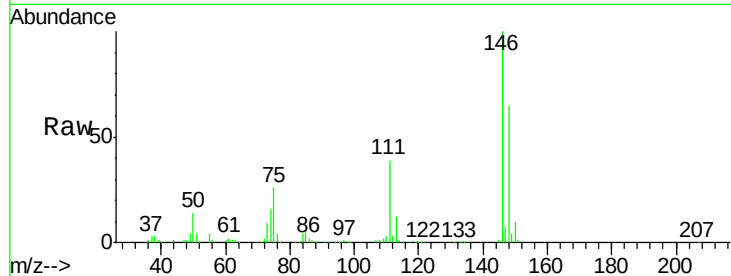
Ion 200.70 (200.40 to 201.40): VN053399.D (-3748) (-)





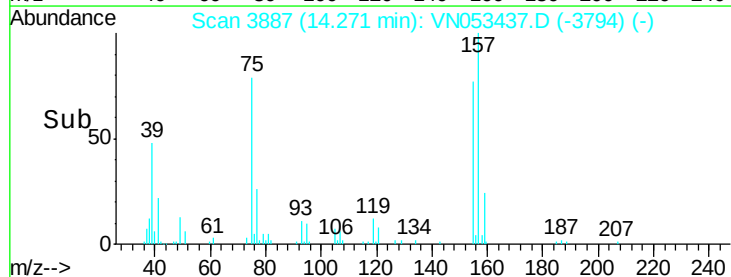
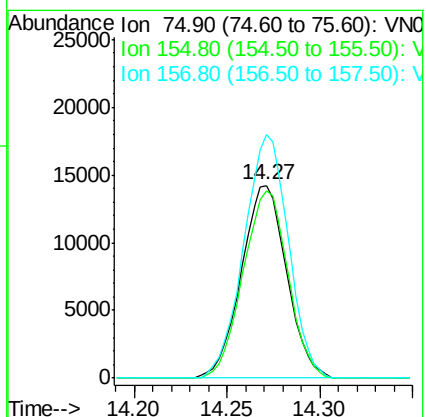
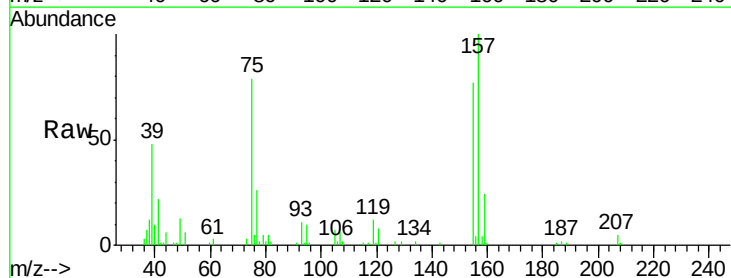
#91
 1,2-Dichlorobenzene
 Concen: 21.569 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

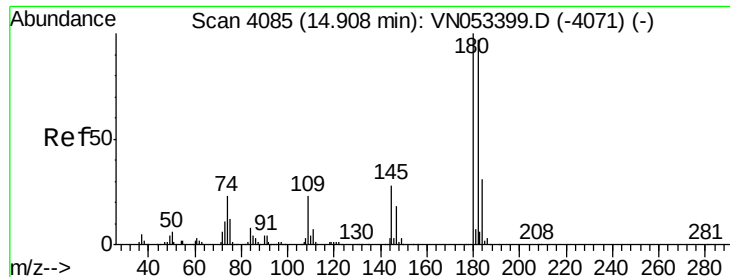
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	64.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.627 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

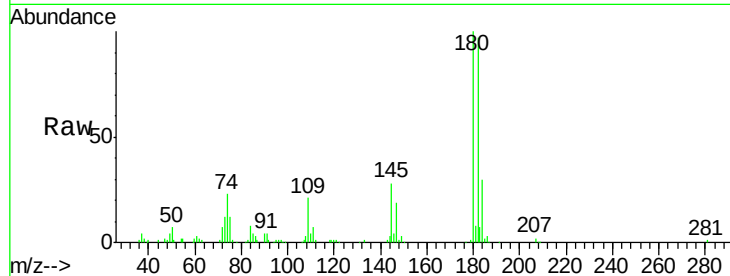
Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	48.9	146.7
157	123.7	63.7	191.3



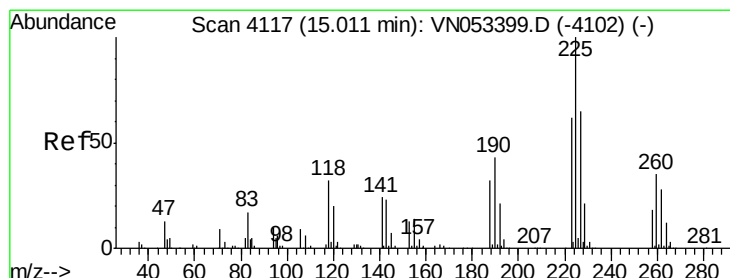
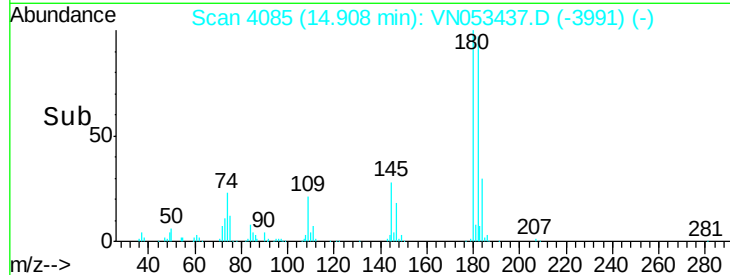
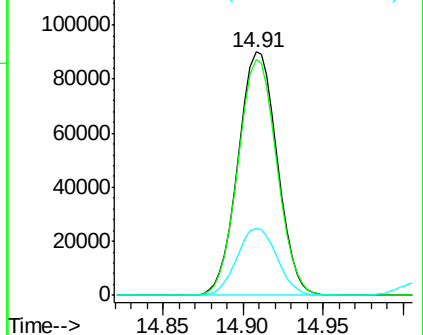


#93
 1,2,4-Trichlorobenzene
 Concen: 22.328 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tot Ion:180 Resp: 149786
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.1 144.3
 145 28.3 13.9 41.6

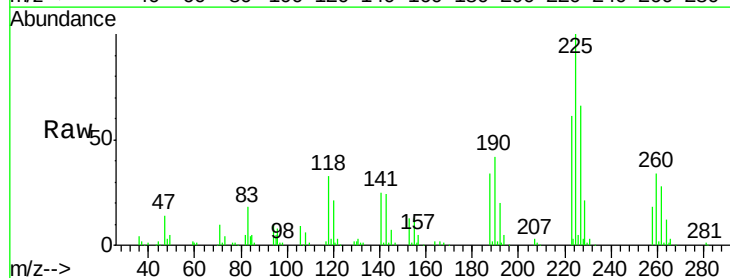


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

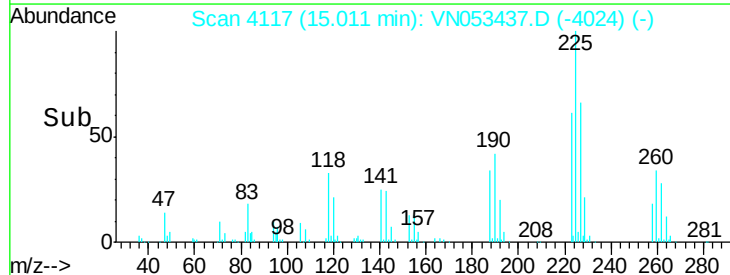
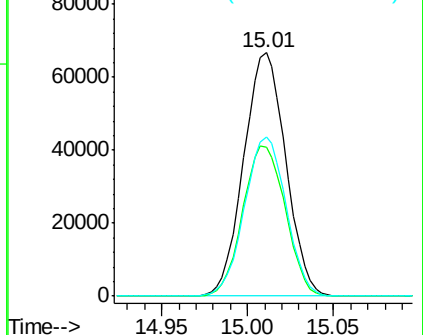


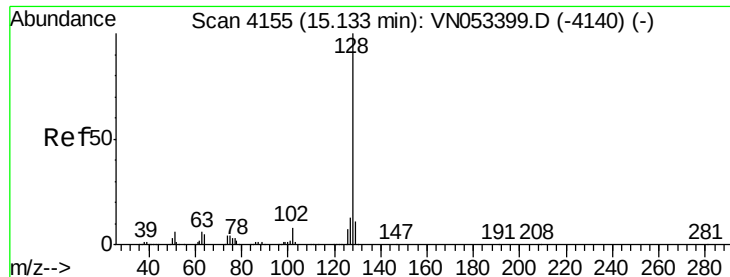
#94
 Hexachlorobutadiene
 Concen: 22.132 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053437.D
 Acq: 17 Jan 2019 16:26

Tgt Ion:225 Resp: 113182
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 64.6 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: 22.500 ug/l

RT: 15.13 min Scan# 4155

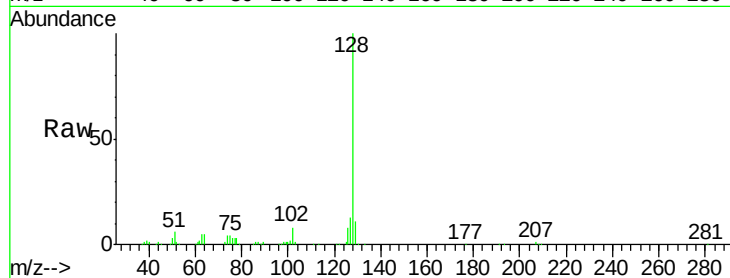
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tot Ion:128 Resp: 255699

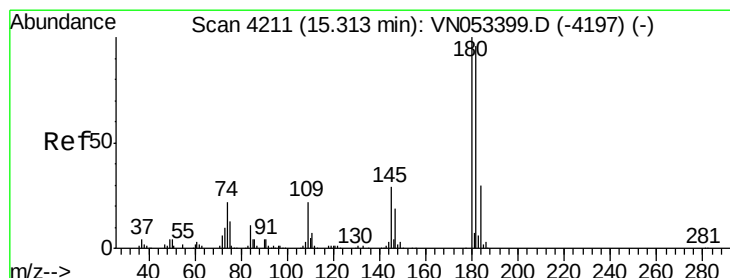
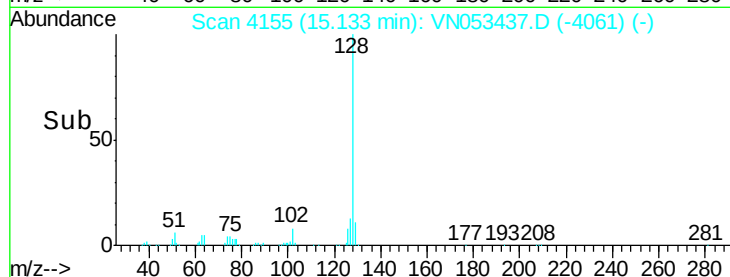
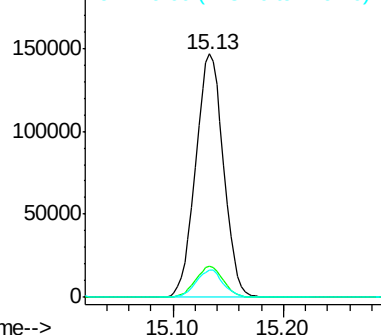
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.938 ug/l

RT: 15.31 min Scan# 4211

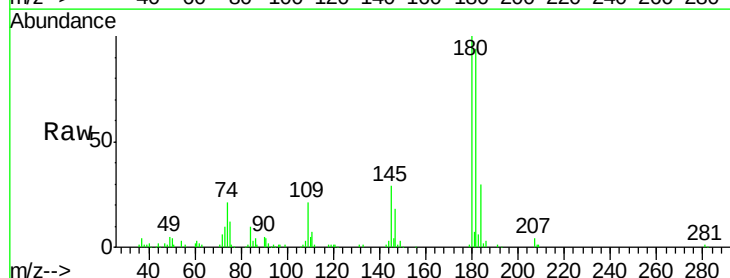
Delta R.T. 0.00 min

Lab File: VN053437.D

Acq: 17 Jan 2019 16:26

Tgt Ion:180 Resp: 115019

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.8
145	29.2	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

