

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053377.D
 Acq On : 11 Jan 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Quant Time: Jan 12 02:49:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	859613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1331763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1196109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	587965	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	437717	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	7.59	113	382848	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	10.09	98	1580660	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	564198	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	370269	48.859	ug/l	99
3) Chloromethane	2.06	50	503450	47.571	ug/l	99
4) Vinyl Chloride	2.19	62	491297	48.638	ug/l	99
5) Bromomethane	2.56	94	318088	48.191	ug/l	100
6) Chloroethane	2.71	64	296965	48.707	ug/l	99
7) Trichlorofluoromethane	3.02	101	641073	48.998	ug/l	98
8) Diethyl Ether	3.41	74	260720	50.841	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	406820	49.061	ug/l	100
10) Methyl Iodide	3.96	142	619935	53.335	ug/l	99
11) Tert butyl alcohol	4.78	59	140848	261.842	ug/l	100
12) 1,1-Dichloroethene	3.74	96	396018	49.374	ug/l	97
13) Acrolein	3.61	56	263824	390.080	ug/l	100
14) Allyl chloride	4.33	41	626476	48.461	ug/l	100
15) Acrylonitrile	4.99	53	799613	249.014	ug/l	99
16) Acetone	3.81	43	518692	240.906	ug/l	99
17) Carbon Disulfide	4.06	76	1096895	44.358	ug/l	100
18) Methyl Acetate	4.32	43	390663	48.266	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1161022	51.576	ug/l	99
20) Methylene Chloride	4.55	84	467392	48.660	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	423771	49.207	ug/l	99
22) Diisopropyl ether	5.95	45	1439472	51.688	ug/l	97
23) Vinyl Acetate	5.90	43	4564912	260.507	ug/l	100
24) 1,1-Dichloroethane	5.85	63	813350	50.638	ug/l	100
25) 2-Butanone	6.83	43	889460	242.423	ug/l	100
26) 2,2-Dichloropropane	6.82	77	554820	47.254	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	499414	50.781	ug/l	99
28) Bromochloromethane	7.20	49	351273	51.320	ug/l	99
29) Tetrahydrofuran	7.21	42	598411	247.152	ug/l	99
30) Chloroform	7.37	83	803487	50.823	ug/l	99
31) Cyclohexane	7.66	56	740005	48.476	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	666088	50.560	ug/l	100
36) 1,1-Dichloropropene	7.80	75	611990	49.224	ug/l	99
37) Ethyl Acetate	6.93	43	400696	49.479	ug/l	99
38) Carbon Tetrachloride	7.78	117	573150	49.945	ug/l	99

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

39) Methylcyclohexane	9.08	83	736768	51.152	ug/l	99
40) Benzene	8.04	78	1884063	49.610	ug/l	99
41) Methacrylonitrile	7.17	41	213620	42.488	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	561033	49.802	ug/l	100
43) Isopropyl Acetate	8.16	43	737726	46.307	ug/l	100
44) Trichloroethene	8.84	130	517492	49.625	ug/l	100
45) 1,2-Dichloropropane	9.12	63	503358	50.534	ug/l	99
46) Dibromomethane	9.21	93	290148	49.959	ug/l	100
47) Bromodichloromethane	9.40	83	610734	50.461	ug/l	100
48) Methyl methacrylate	9.20	41	368186	50.870	ug/l	99
49) 1,4-Dioxane	9.20	88	81247	1053.602	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2006685	250.473	ug/l	99
52) Toluene	10.16	92	1170969	50.258	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	635441	51.323	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	730860	51.083	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	423331	49.414	ug/l	99
56) Ethyl methacrylate	10.43	69	581271	52.212	ug/l	99
57) 1,3-Dichloropropane	10.71	76	731596	51.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1504452	249.961	ug/l	100
59) 2-Hexanone	10.75	43	1385351	252.377	ug/l	100
60) Dibromochloromethane	10.90	129	472689	51.156	ug/l	100
61) 1,2-Dibromoethane	11.01	107	425547	50.336	ug/l	99
64) Tetrachloroethene	10.63	164	572763	50.877	ug/l	98
65) Chlorobenzene	11.43	112	1303912	50.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	461085	50.698	ug/l	99
67) Ethyl Benzene	11.51	91	2258476	51.152	ug/l	100
68) m/p-Xylenes	11.62	106	1708538	102.908	ug/l	100
69) o-Xylene	11.95	106	840850	51.732	ug/l	100
70) Styrene	11.96	104	1387957	52.468	ug/l	100
71) Bromoform	12.13	173	326516	50.828	ug/l #	99
73) Isopropylbenzene	12.25	105	2218144	50.671	ug/l	99
74) N-amyl acetate	12.07	43	670648	51.305	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	489690	48.629	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	444737m	51.860	ug/l	
77) Bromobenzene	12.53	156	583184	49.915	ug/l	100
78) n-propylbenzene	12.59	91	2544958	51.396	ug/l	99
79) 2-Chlorotoluene	12.68	91	1499082	50.033	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1816886	51.526	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	151063	51.826	ug/l	100
82) 4-Chlorotoluene	12.77	91	1537181	50.034	ug/l	100
83) tert-Butylbenzene	12.99	119	1601663	51.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1854245	51.617	ug/l	100
85) sec-Butylbenzene	13.17	105	2197539	53.861	ug/l	100
86) p-Isopropyltoluene	13.29	119	1901201	53.820	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1023641	49.752	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1019696	49.961	ug/l	99
89) n-Butylbenzene	13.62	91	1622055	54.768	ug/l	99
90) Hexachloroethane	13.88	117	296048	52.287	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	975446	50.614	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67077	54.918	ug/l	98

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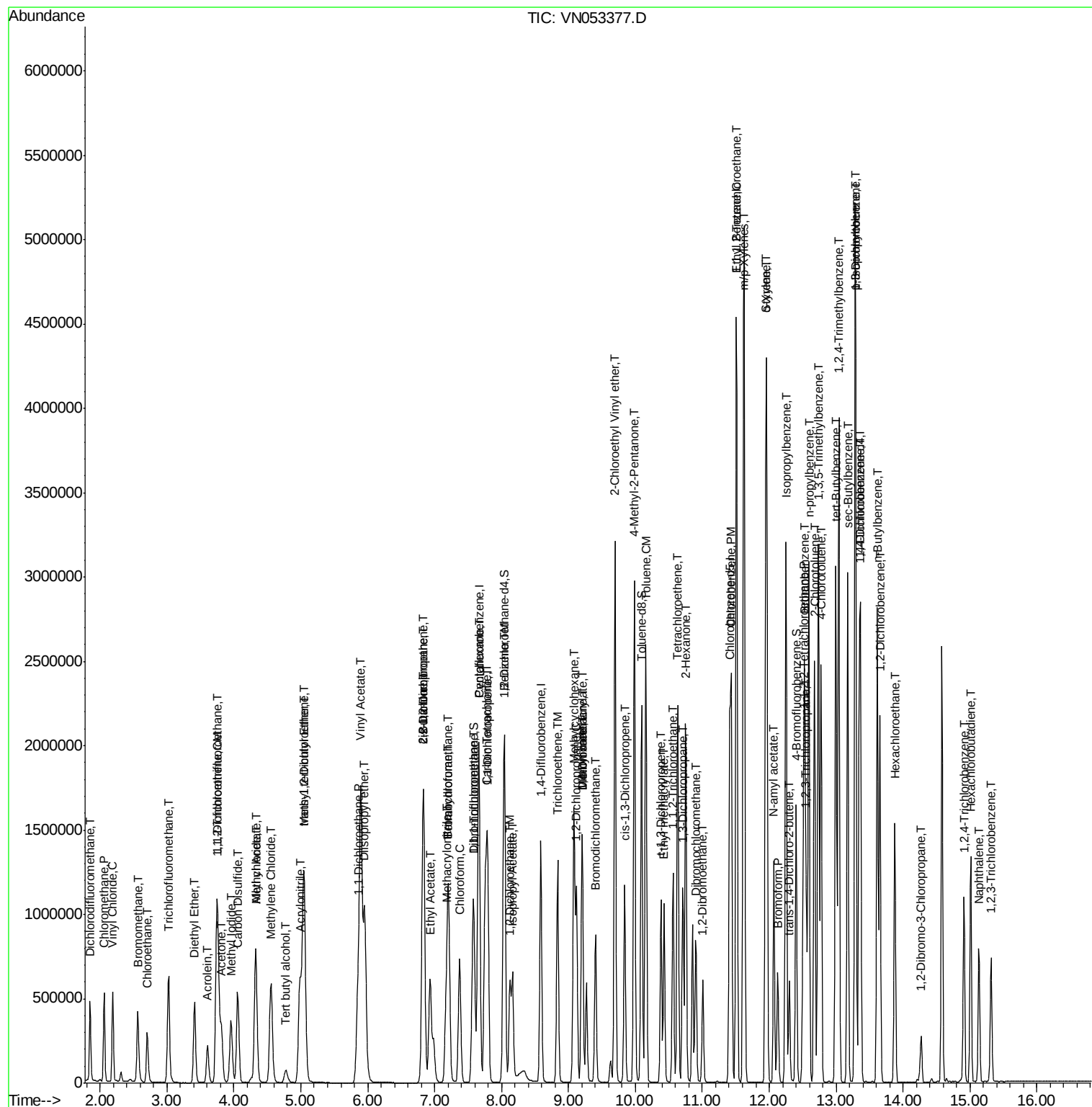
Quant Time: Jan 12 02:49:15 2019
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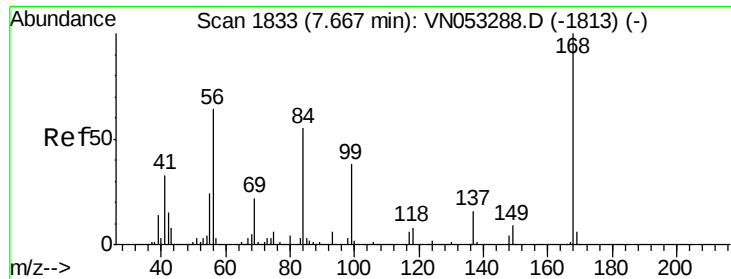
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	394352	65.077	ug/l	99
94) Hexachlorobutadiene	15.01	225	290136	58.537	ug/l	99
95) Naphthalene	15.13	128	707696	68.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	285737	72.022	ug/l	99

(#) = 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: VN053377.D

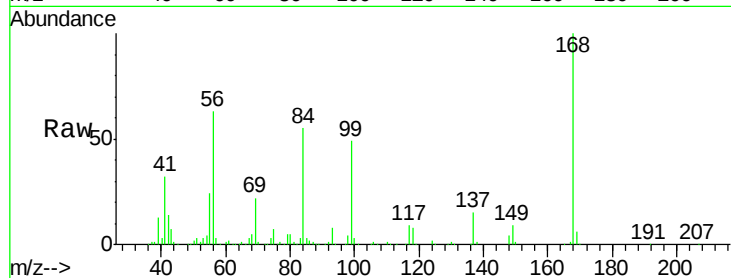
Acq: 11 Jan 2019 20:14

Tot Ion:168 Resp: 859613

Ion Ratio Lower Upper

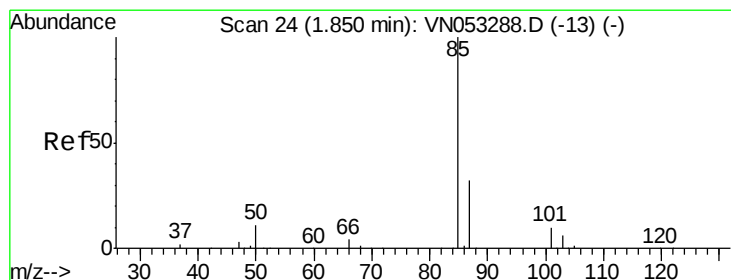
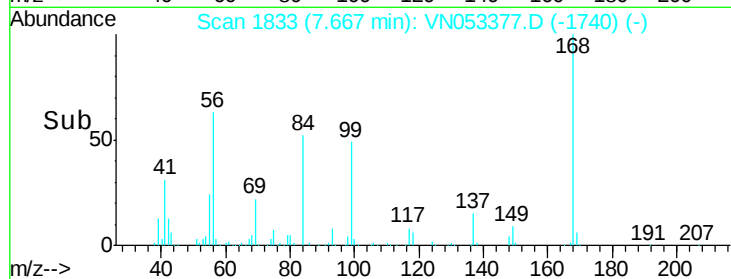
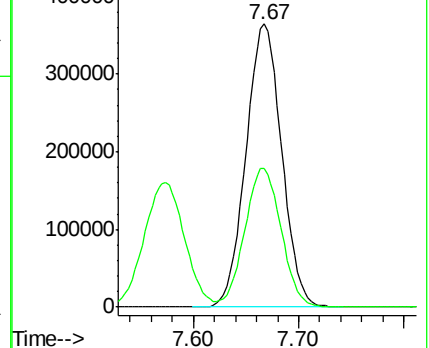
168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.859 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053377.D

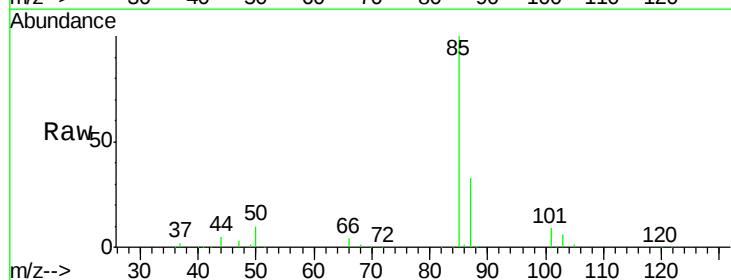
Acq: 11 Jan 2019 20:14

Tgt Ion: 85 Resp: 370269

Ion Ratio Lower Upper

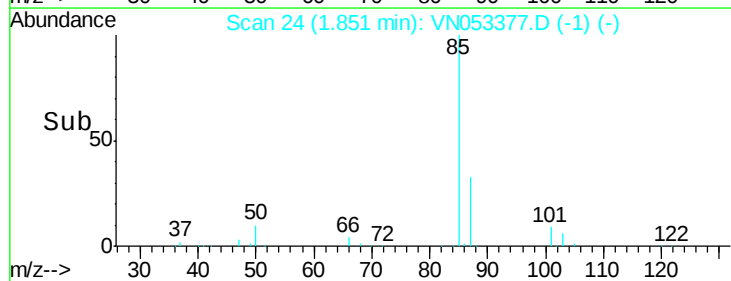
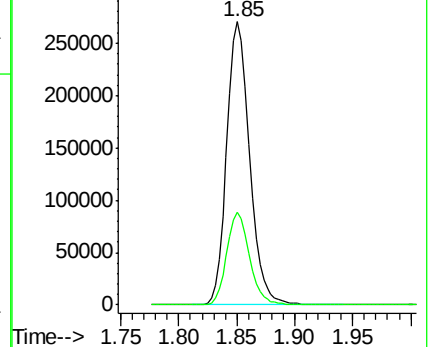
85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.571 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053377.D

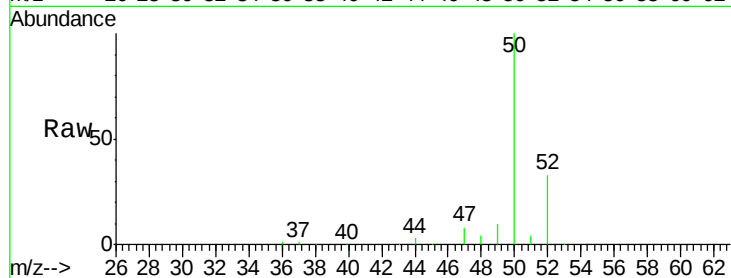
Acq: 11 Jan 2019 20:14

Tot Ion: 50 Resp: 503450

Ion Ratio Lower Upper

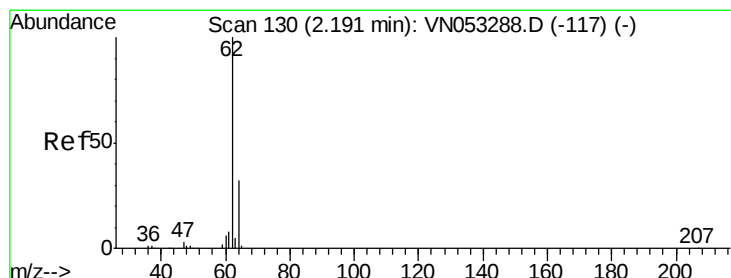
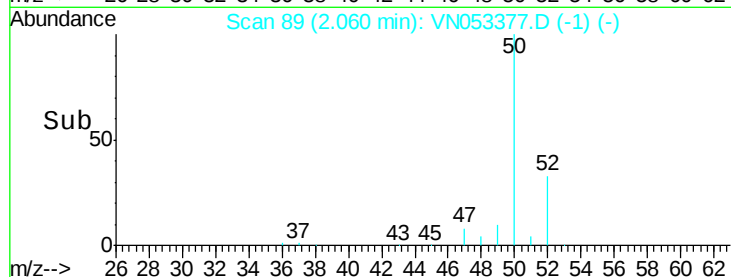
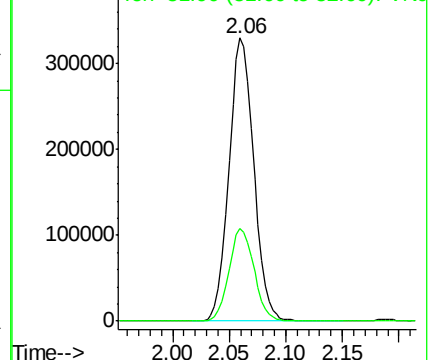
50 100

52 32.7 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.638 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053377.D

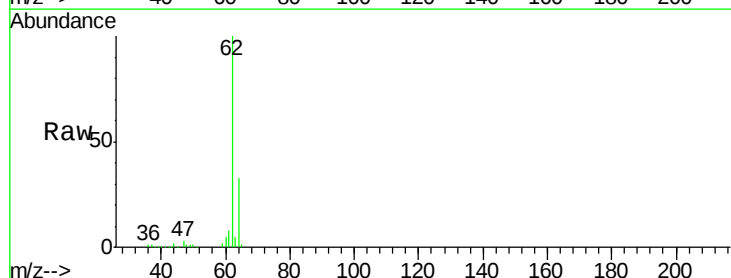
Acq: 11 Jan 2019 20:14

Tgt Ion: 62 Resp: 491297

Ion Ratio Lower Upper

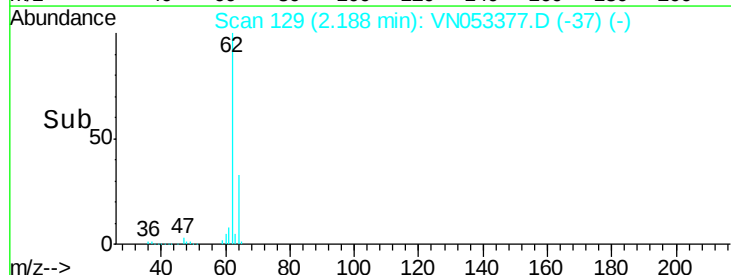
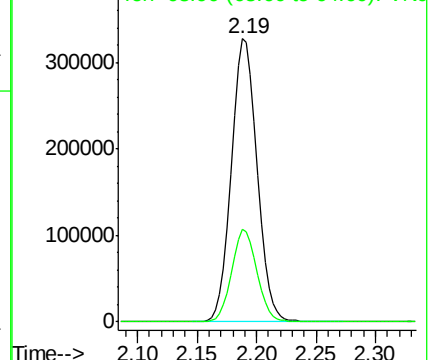
62 100

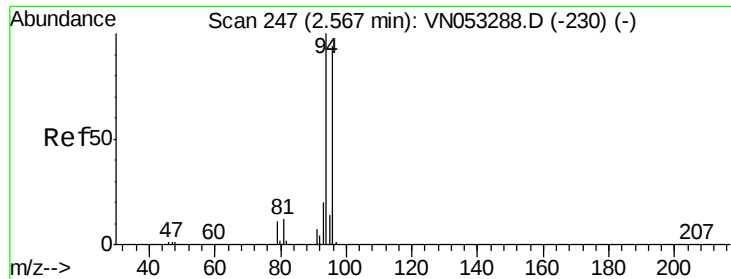
64 32.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.191 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN053377.D

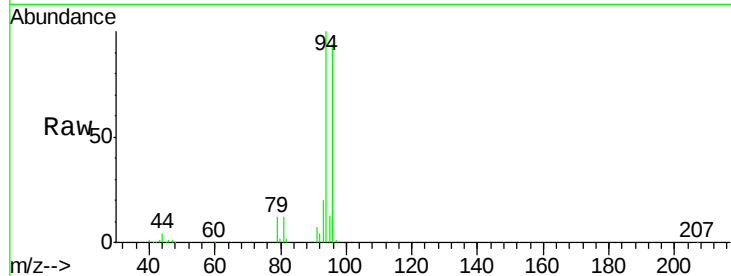
Acq: 11 Jan 2019 20:14

Tot Ion: 94 Resp: 318088

Ion Ratio Lower Upper

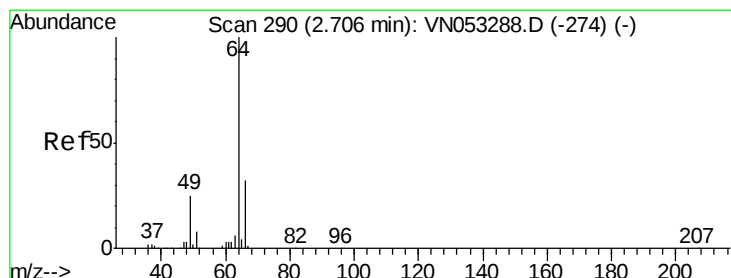
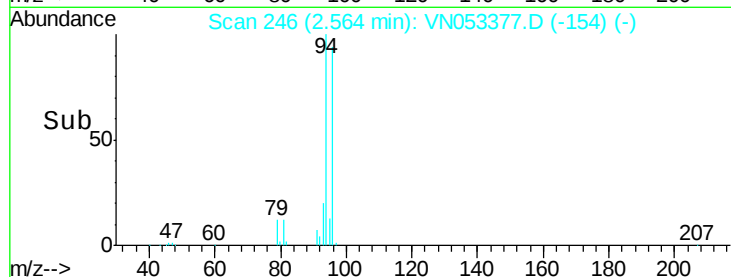
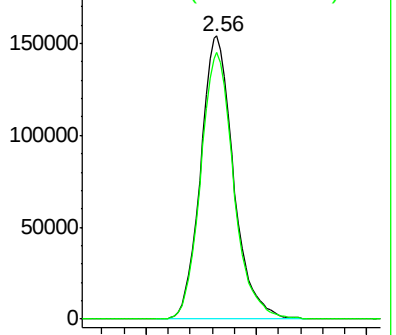
94 100

96 94.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.707 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053377.D

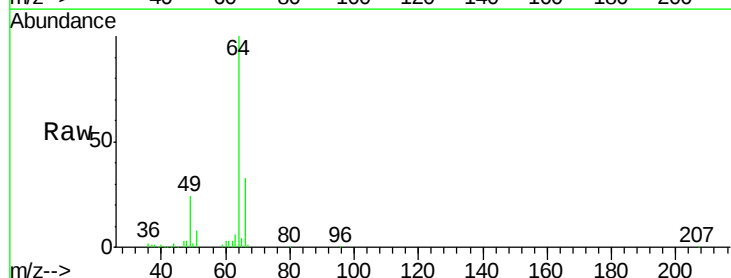
Acq: 11 Jan 2019 20:14

Tgt Ion: 64 Resp: 296965

Ion Ratio Lower Upper

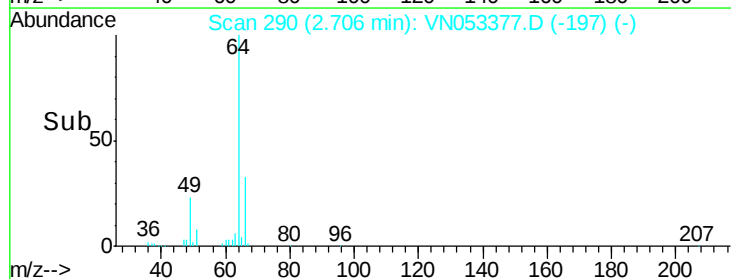
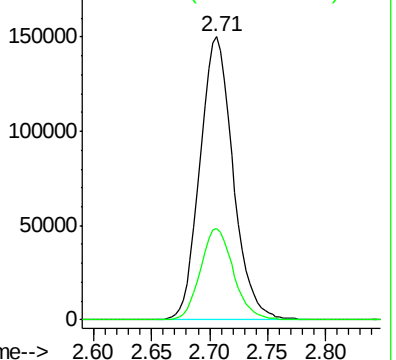
64 100

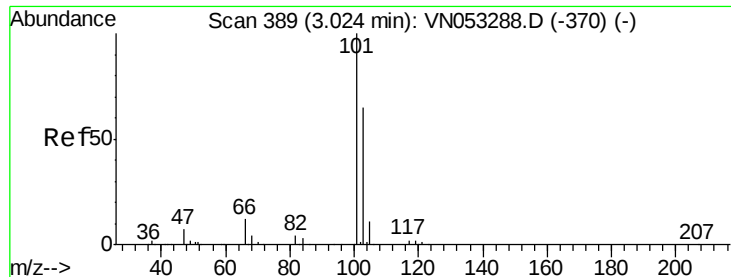
66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

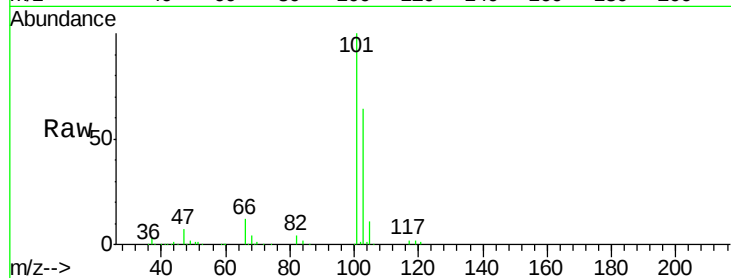




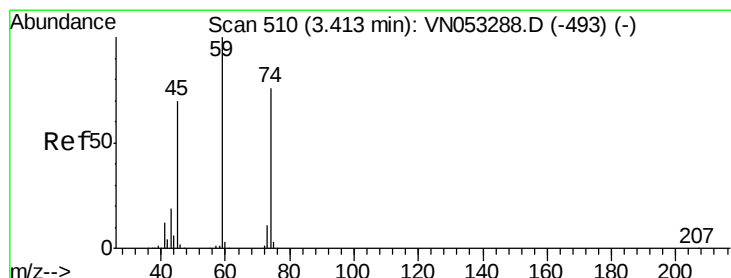
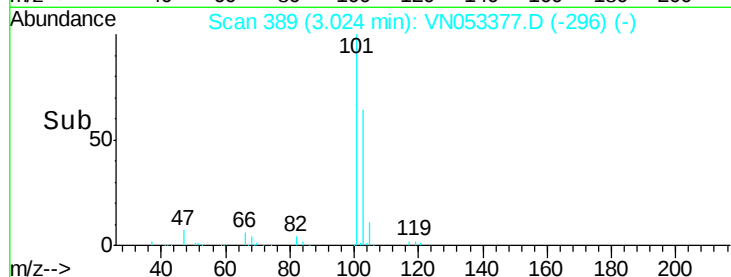
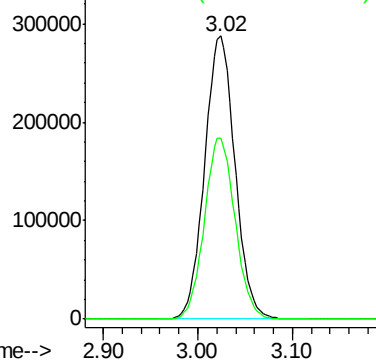
#7

Trichlorofluoromethane
 Concen: 48.998 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tot Ion:101 Resp: 641073
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.1 78.1



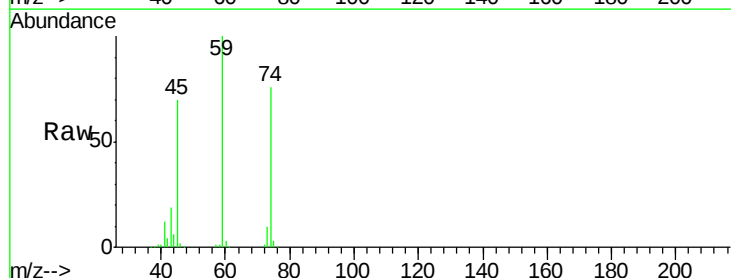
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



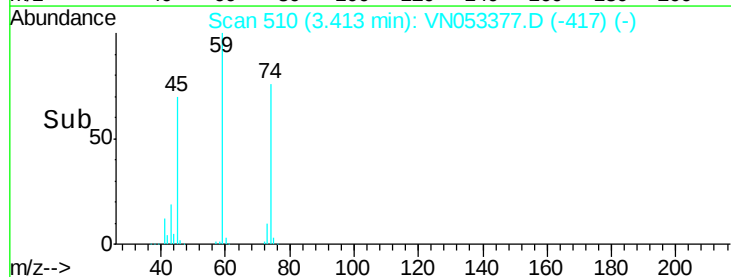
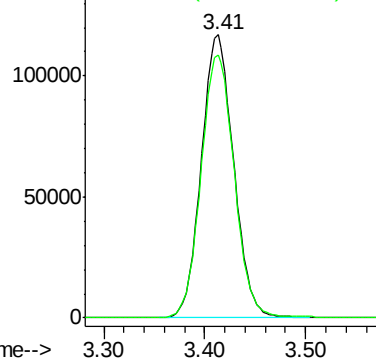
#8

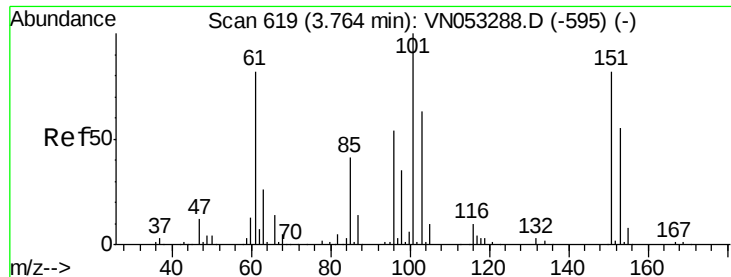
Diethyl Ether
 Concen: 50.841 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion: 74 Resp: 260720
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.3 144.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.061 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

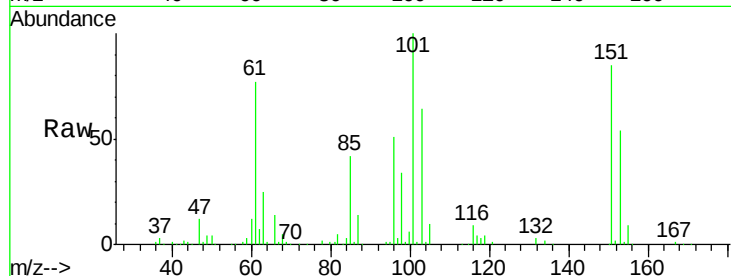
Tot Ion:101 Resp: 406820

Ion Ratio Lower Upper

101 100

85 41.1 33.3 49.9

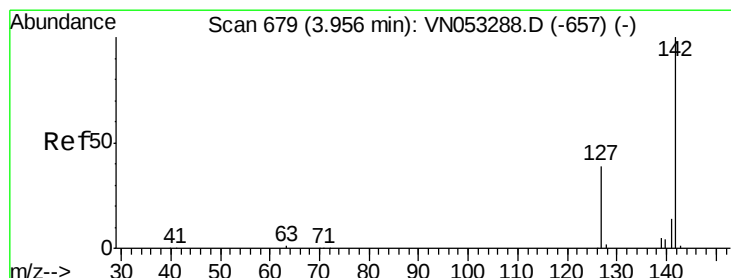
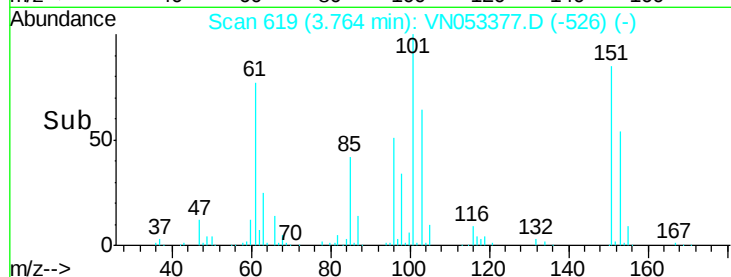
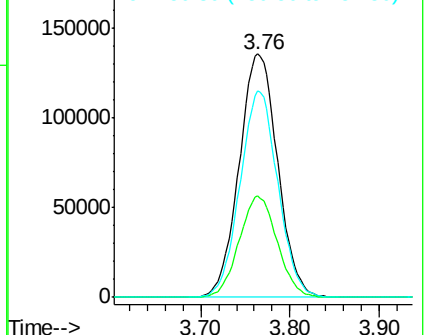
151 83.5 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.335 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

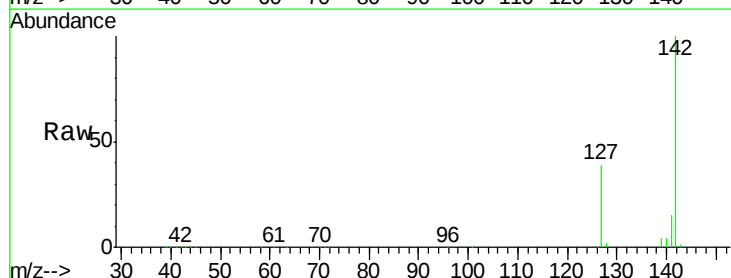
Tgt Ion:142 Resp: 619935

Ion Ratio Lower Upper

142 100

127 39.1 30.9 46.3

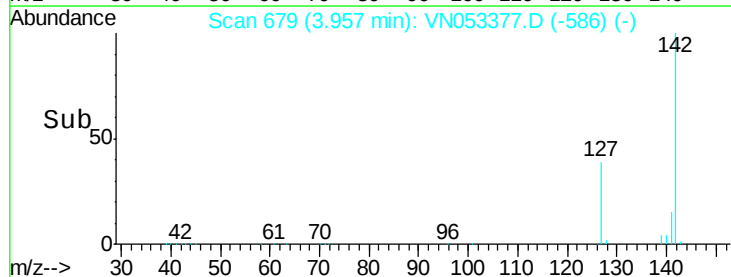
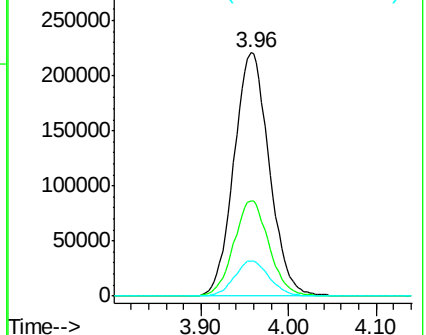
141 14.3 11.2 16.8

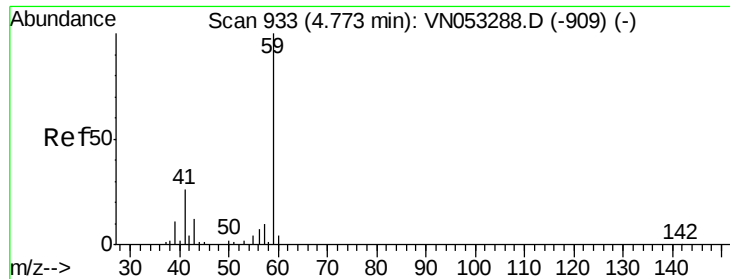


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

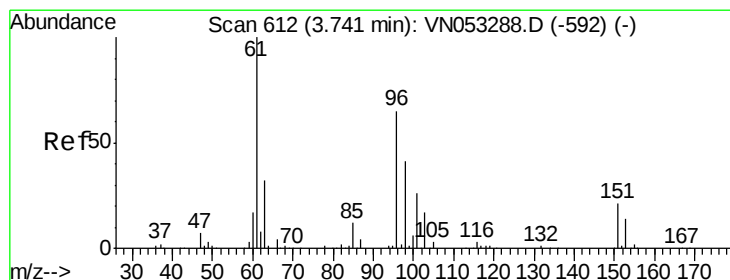
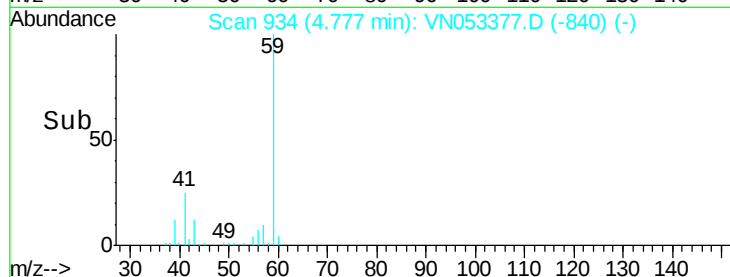
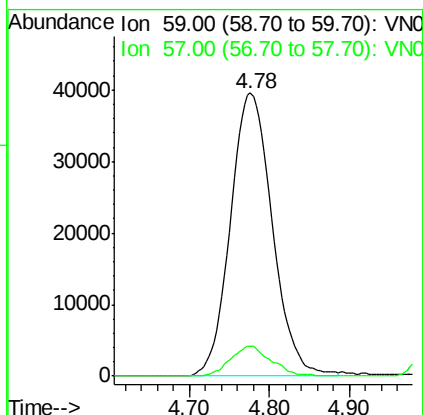
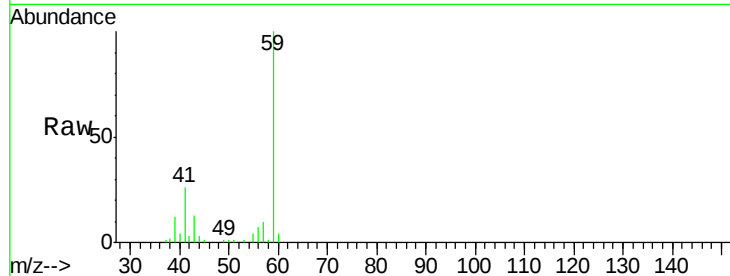
Ion 140.80 (140.50 to 141.50): V





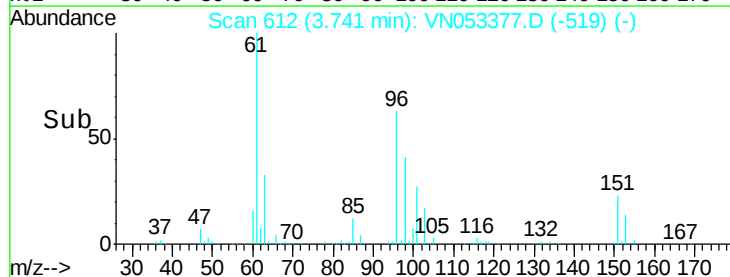
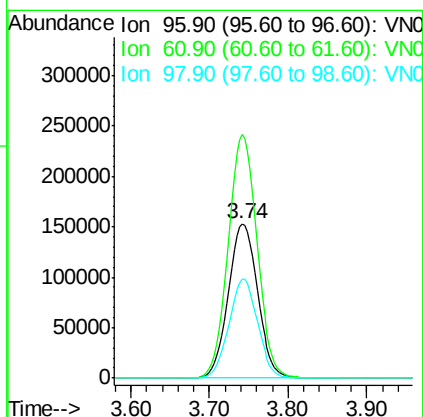
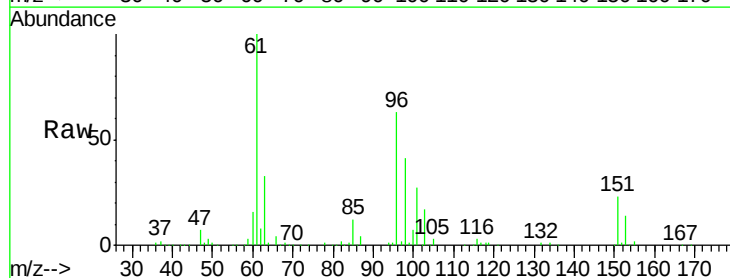
#11
Tert butyl alcohol
Concen: 261.842 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

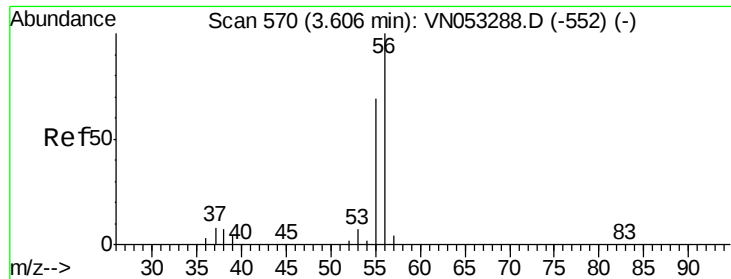
Tot Ion: 59 Resp: 140848
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.374 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion: 96 Resp: 396018
Ion Ratio Lower Upper
96 100
61 158.1 123.2 184.8
98 64.2 50.5 75.7





#13

Acrolein

Concen: 390.080 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053377.D

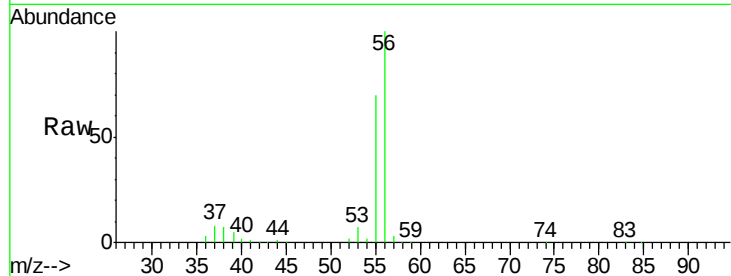
Acq: 11 Jan 2019 20:14

Tot Ion: 56 Resp: 263824

Ion Ratio Lower Upper

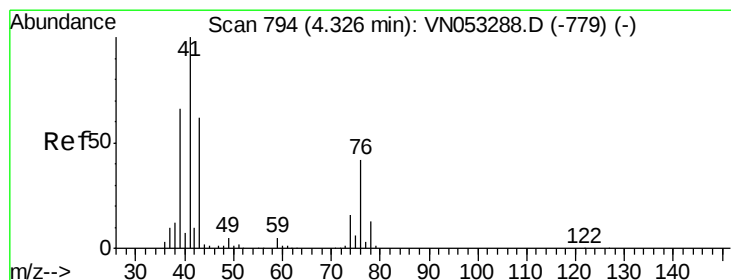
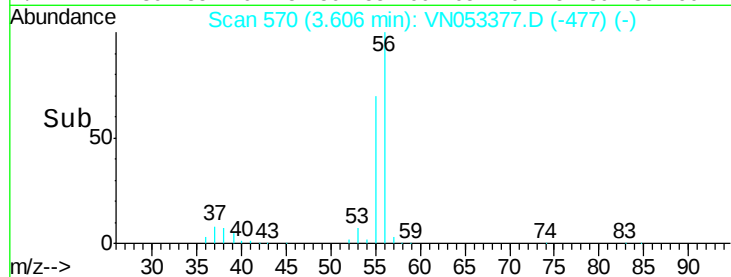
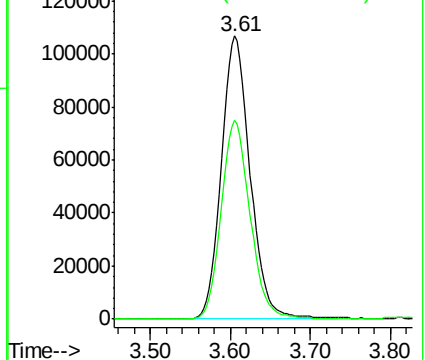
56 100

55 70.3 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.461 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

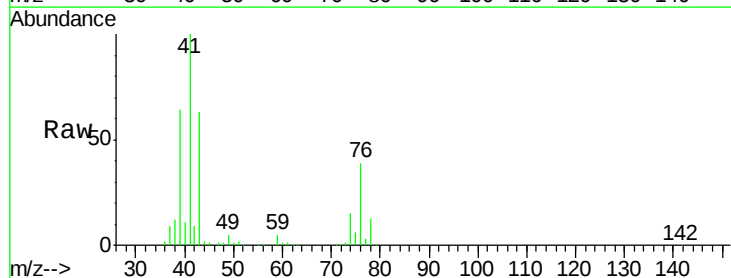
Tgt Ion: 41 Resp: 626476

Ion Ratio Lower Upper

41 100

39 64.7 51.9 77.9

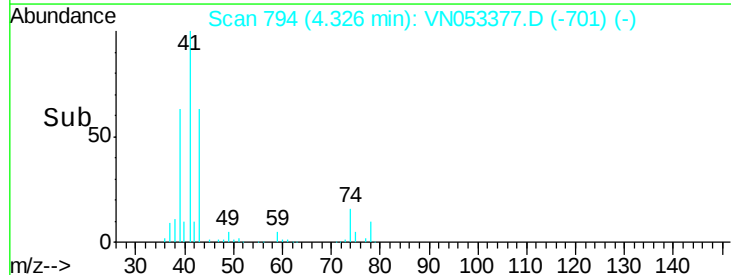
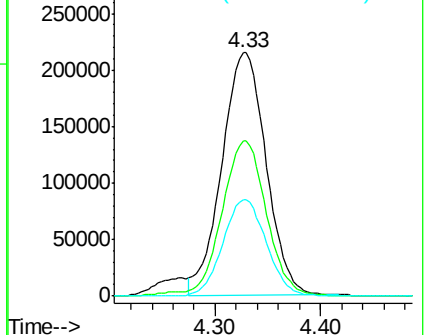
76 38.7 31.2 46.8

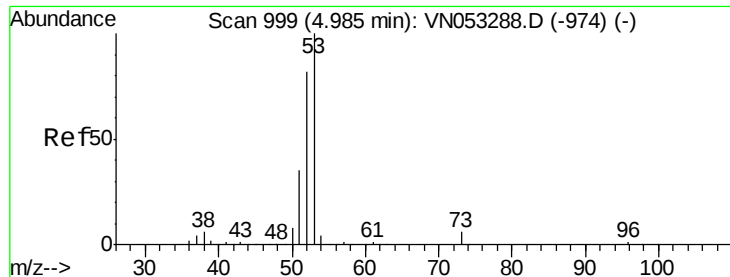


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 249.014 ug/l

RT: 4.99 min Scan# 999

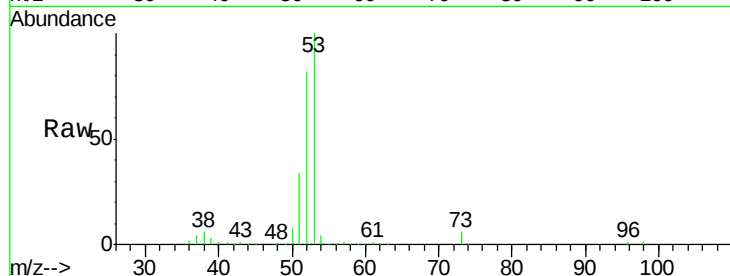
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tot Ion: 53 Resp: 799613

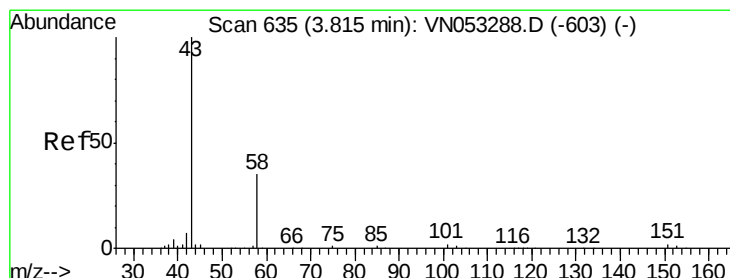
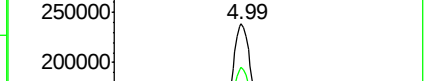
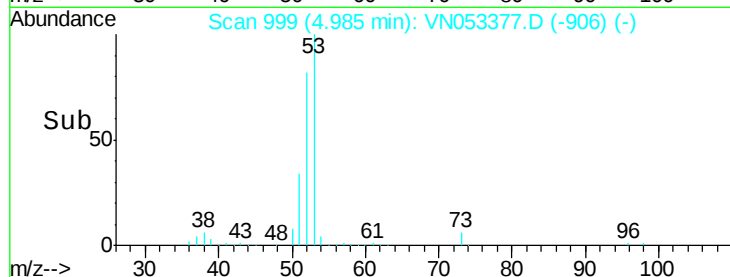
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.2	97.8
51	35.1	28.0	42.0



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: 240.906 ug/l

RT: 3.81 min Scan# 634

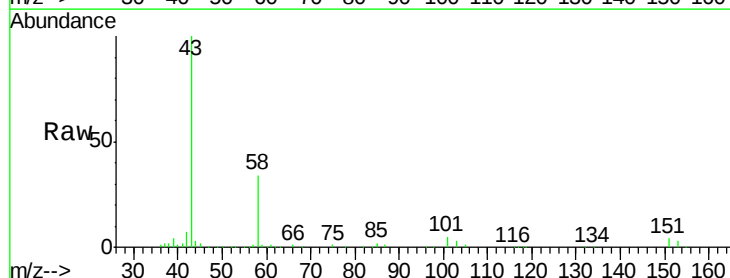
Delta R.T. -0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

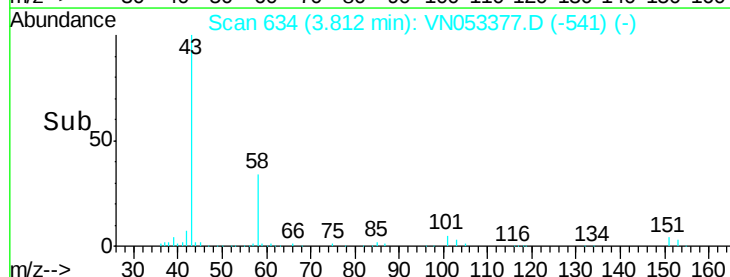
Tgt Ion: 43 Resp: 518692

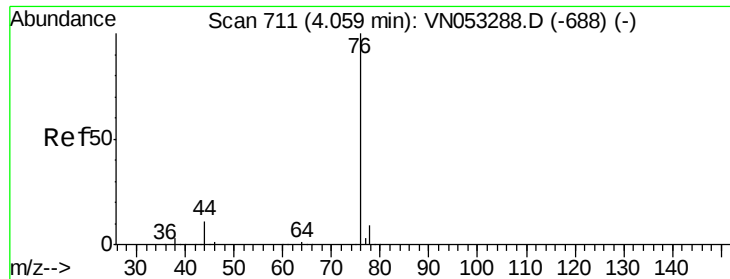
Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.8	41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

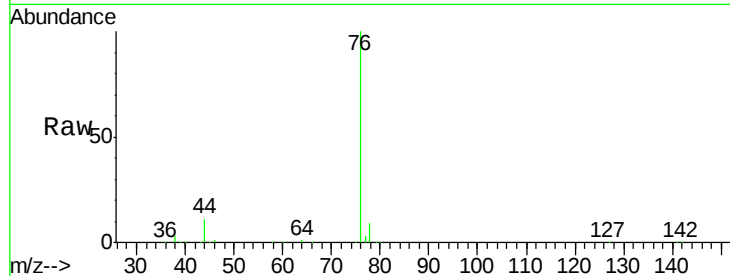
Ion 58.00 (57.70 to 58.70): VN0



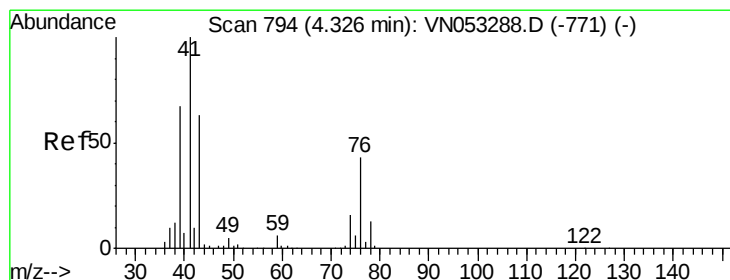
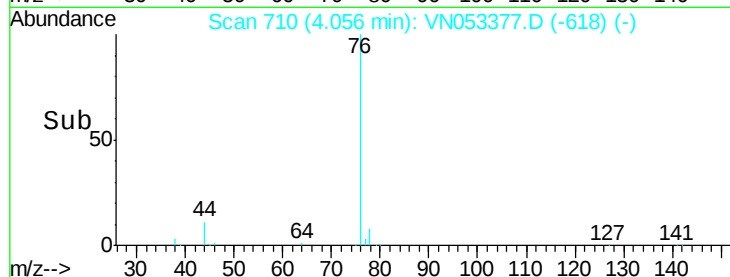
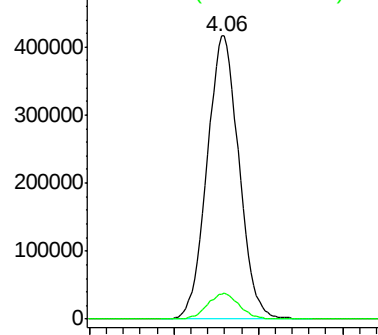


#17
Carbon Disulfide
Concen: 44.358 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tot Ion: 76 Resp: 1096895
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

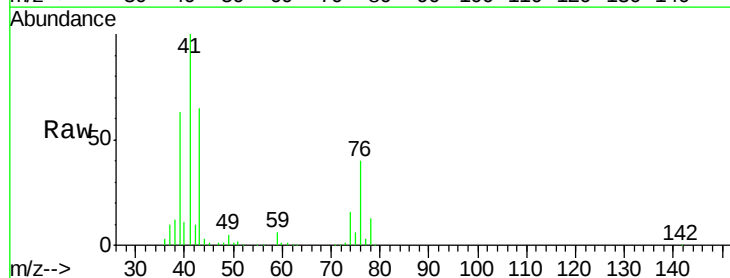


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

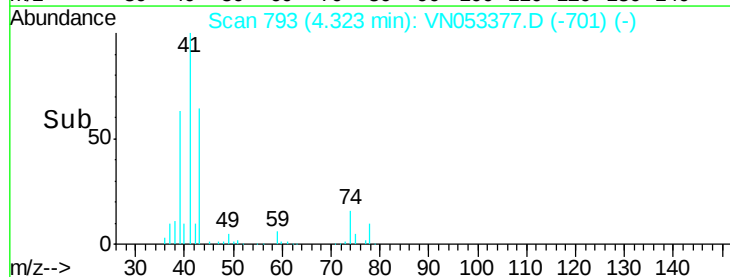
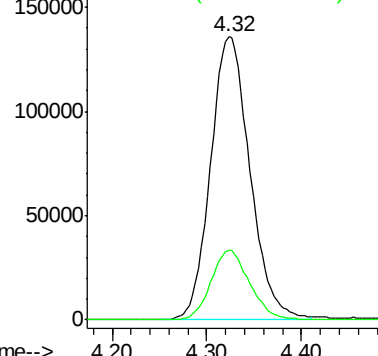


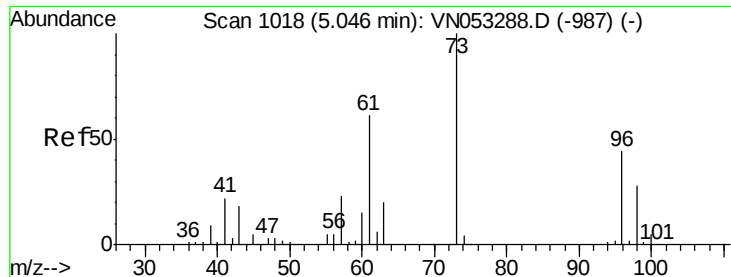
#18
Methyl Acetate
Concen: 48.266 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion: 43 Resp: 390663
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



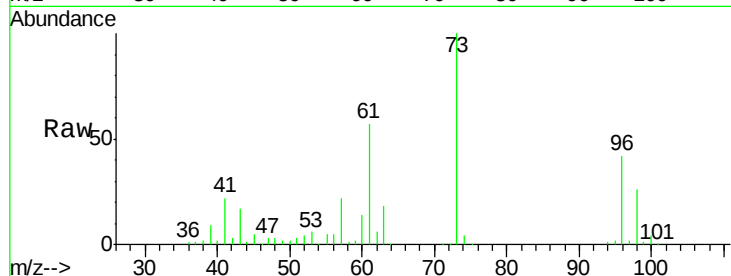


#19

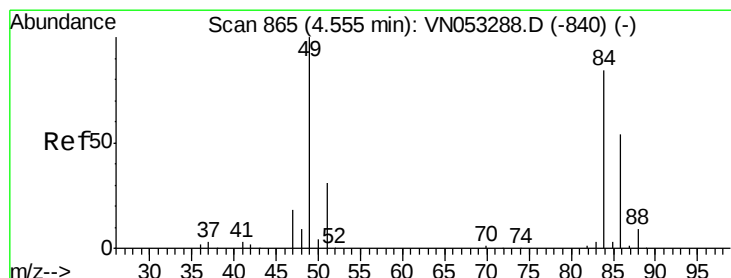
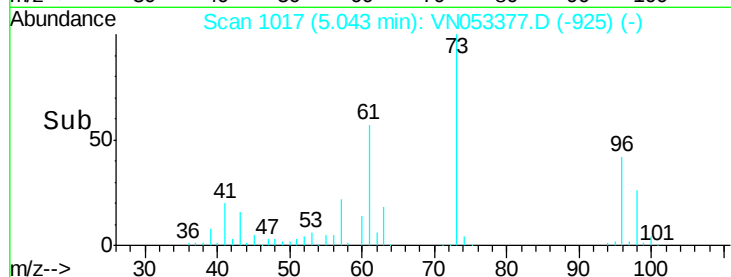
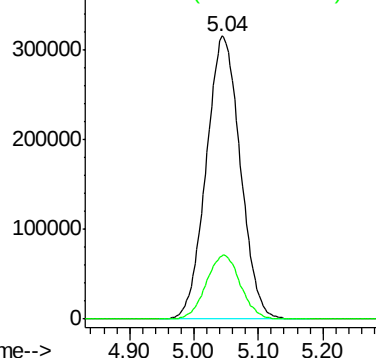
Methyl tert-butyl Ether
 Concen: 51.576 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tot Ion: 73 Resp: 1161022

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.5	27.7



Abundance Ion 73.00 (72.70 to 73.70): VN053288.D (-987) (-)
 Ion 57.00 (56.70 to 57.70): VN053288.D (-987) (-)

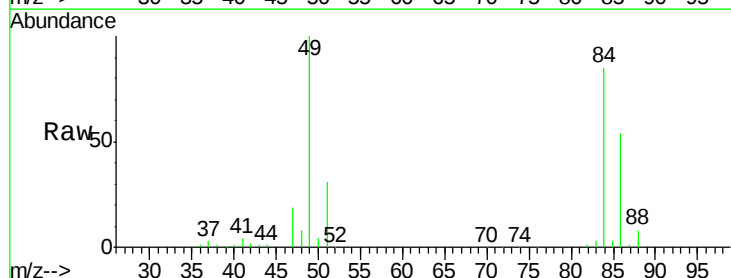


#20

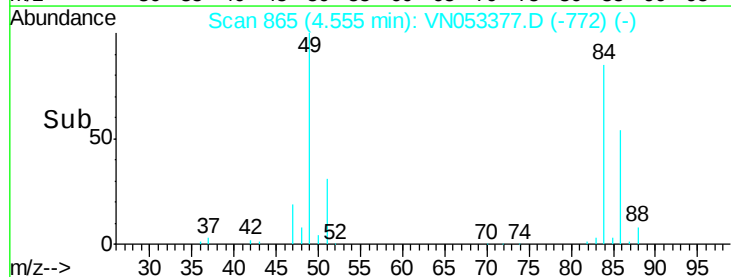
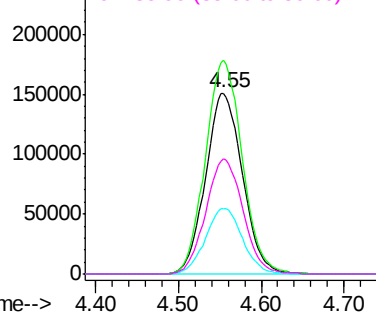
Methylene Chloride
 Concen: 48.660 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

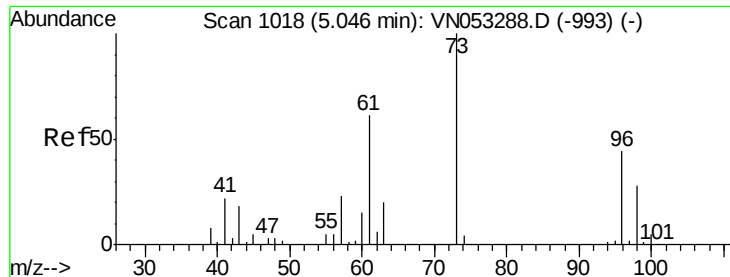
Tgt Ion: 84 Resp: 467392

Ion	Ratio	Lower	Upper
84	100		
49	118.0	95.3	142.9
51	36.3	29.0	43.6
86	63.7	51.7	77.5



Abundance Ion 83.90 (83.60 to 84.60): VN053288.D (-840) (-)
 Ion 48.90 (48.60 to 49.60): VN053288.D (-840) (-)
 Ion 50.90 (50.60 to 51.60): VN053288.D (-840) (-)
 Ion 85.90 (85.60 to 86.60): VN053288.D (-840) (-)

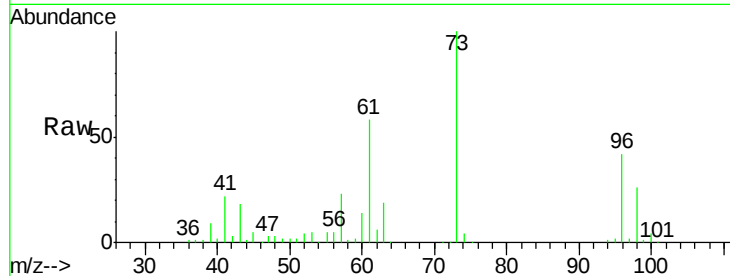




#21

trans-1,2-Dichloroethene
Concen: 49.207 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.4	110.2	165.4
98	62.7	50.7	76.1

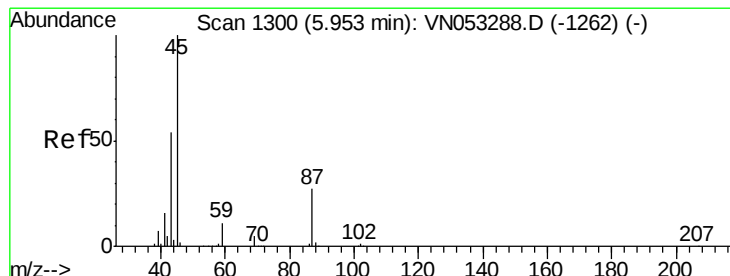
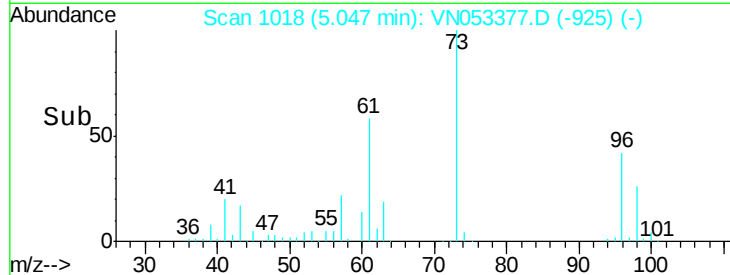
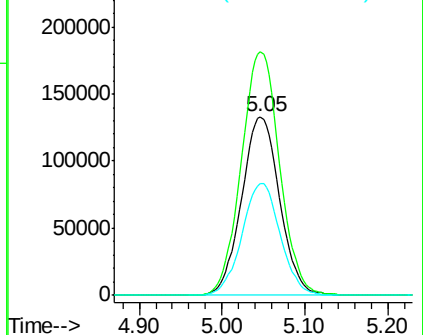


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

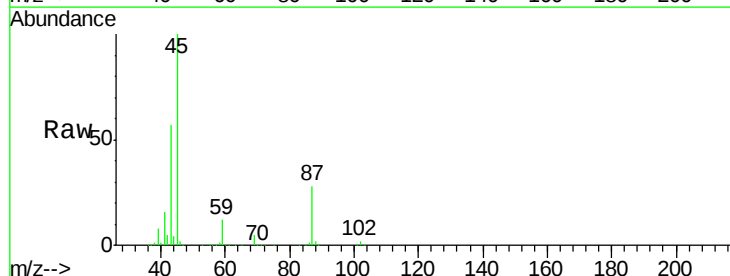
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 51.688 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.3	43.0	64.6
87	27.5	22.1	33.1
59	11.8	9.0	13.4



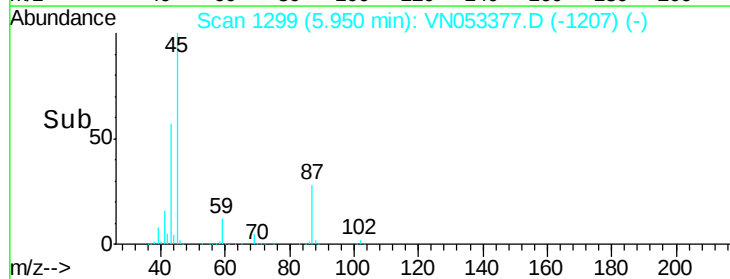
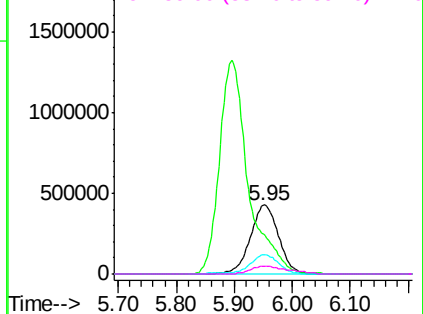
Abundance

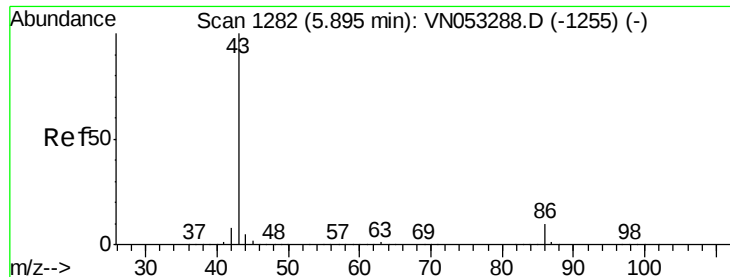
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

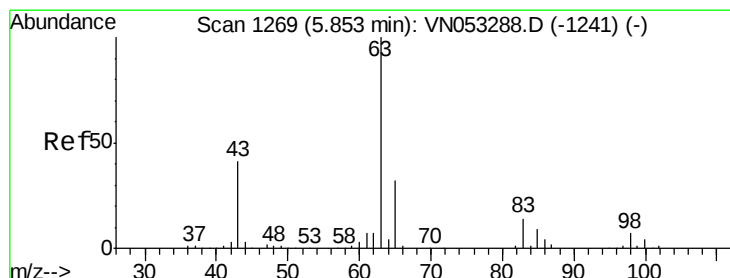
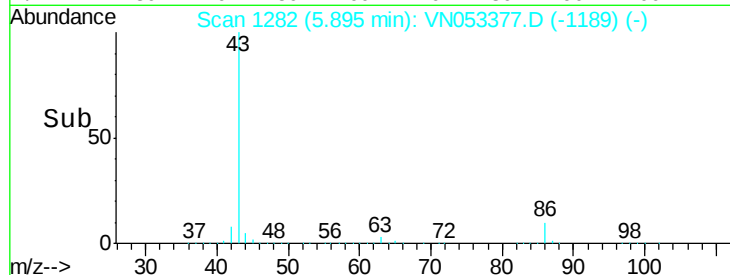
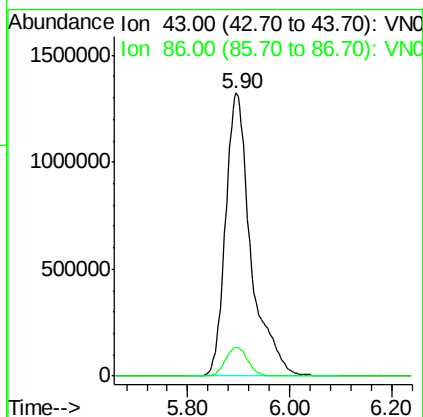
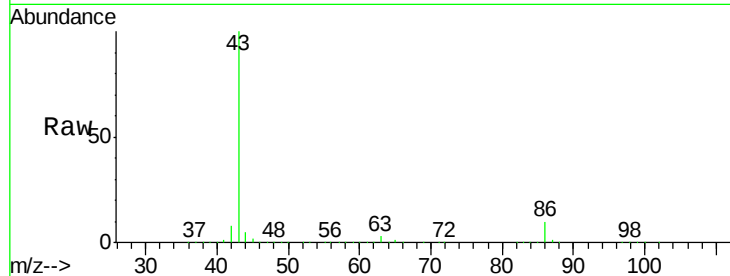
Ion 59.00 (58.70 to 59.70): VN0





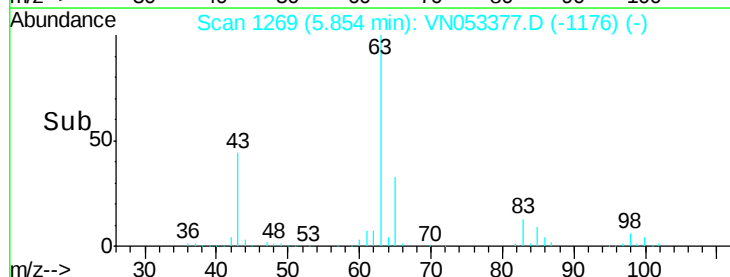
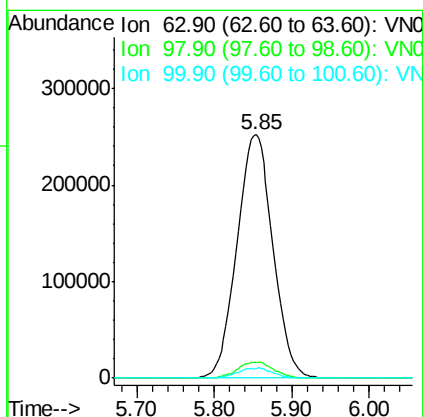
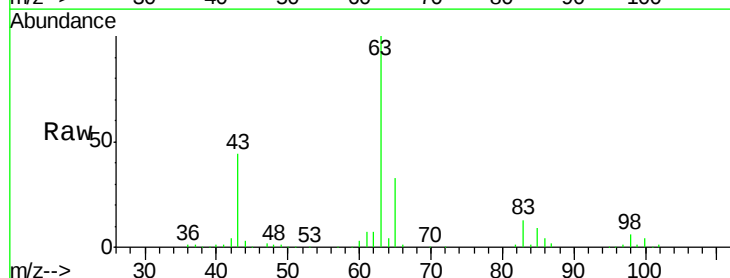
#23
 Vinyl Acetate
 Concen: 260.507 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

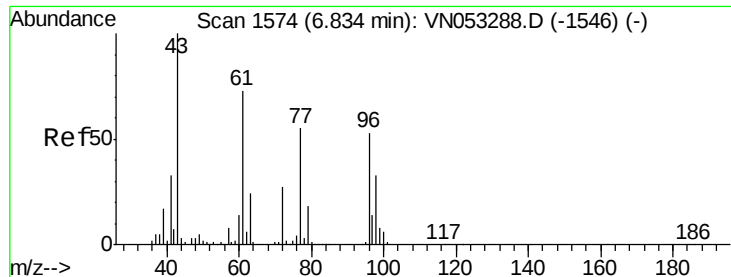
Tot Ion: 43 Resp: 4564912
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 50.638 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

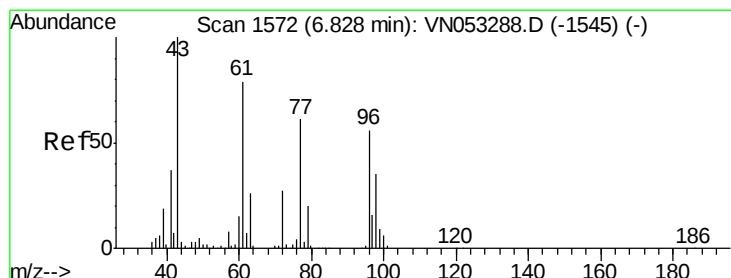
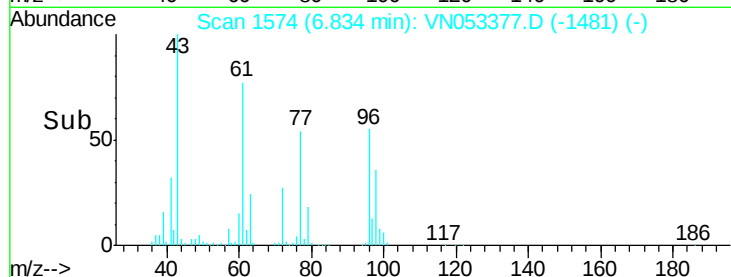
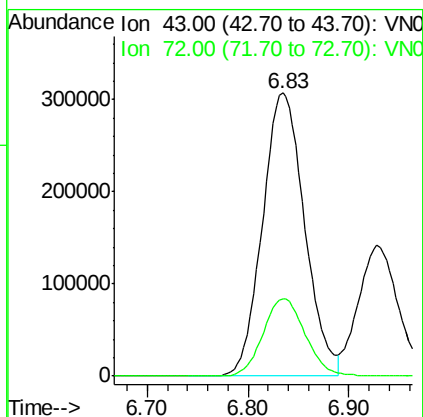
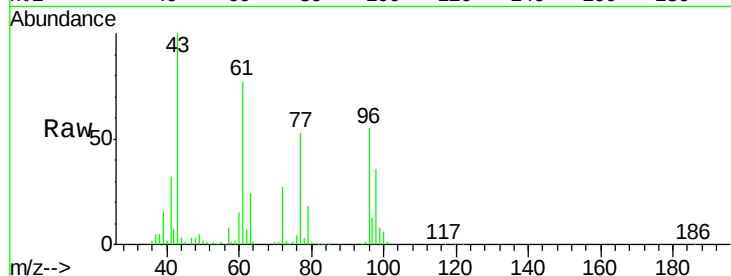
Tgt Ion: 63 Resp: 813350
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.1 2.1 6.5





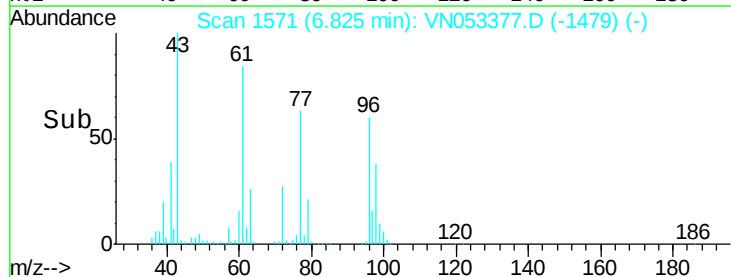
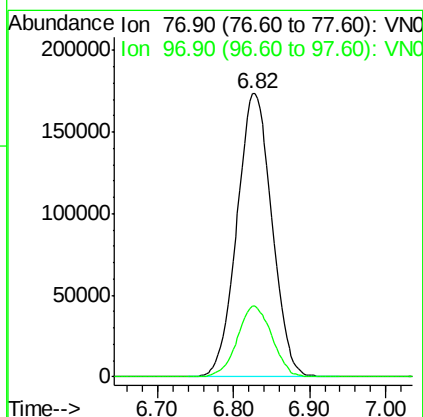
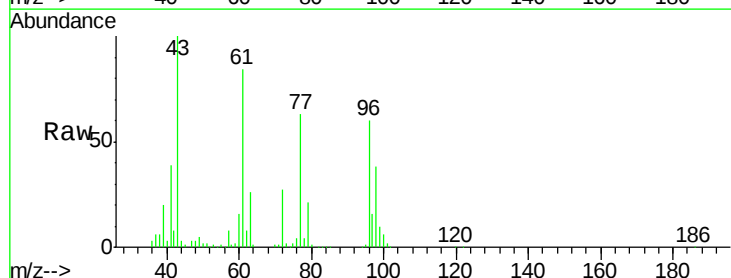
#25
2-Butanone
Concen: 242.423 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

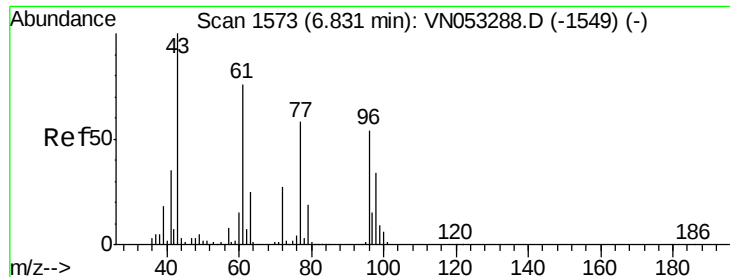
Tot Ion: 43 Resp: 889460
Ion Ratio Lower Upper
43 100
72 27.4 22.0 33.0



#26
2,2-Dichloropropane
Concen: 47.254 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

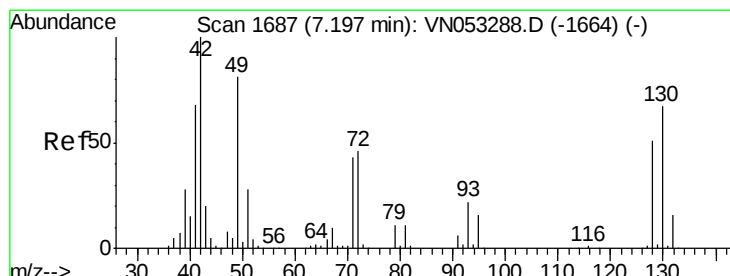
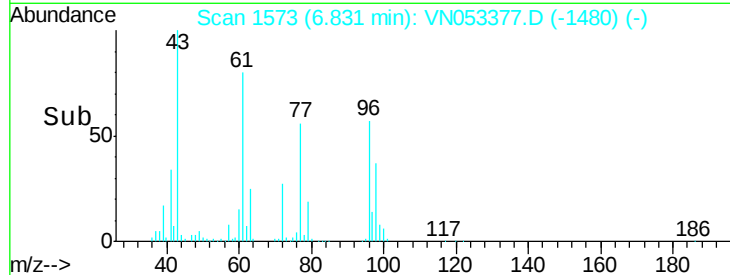
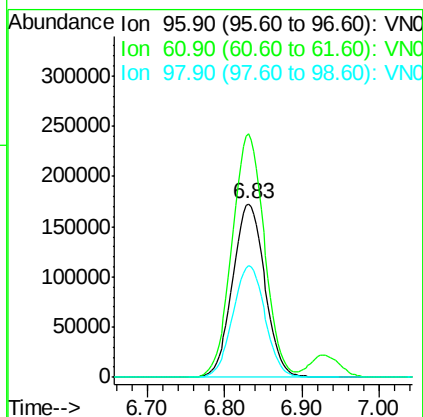
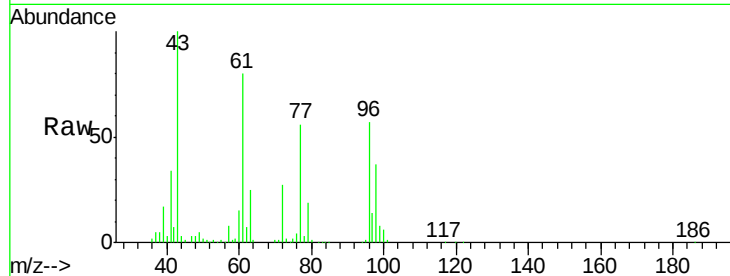
Tgt Ion: 77 Resp: 554820
Ion Ratio Lower Upper
77 100
97 24.7 12.3 36.9





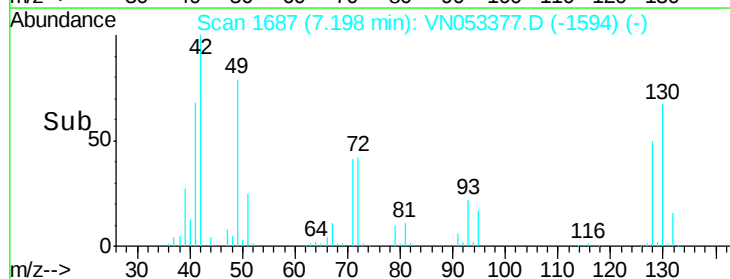
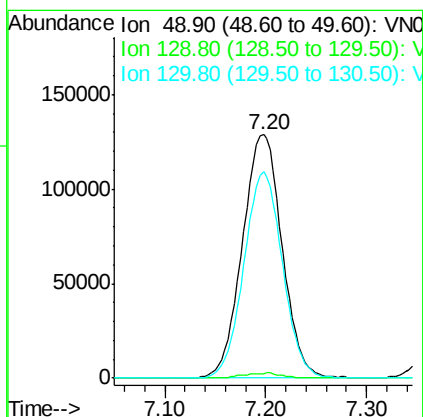
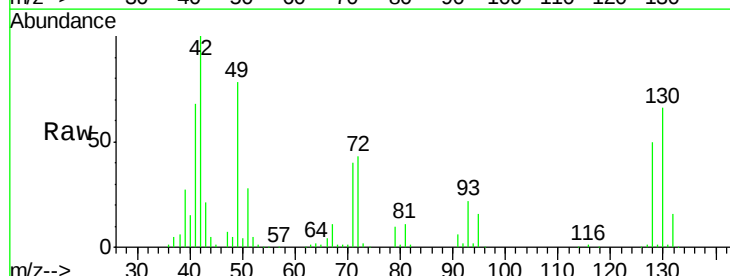
#27
 cis-1,2-Dichloroethene
 Concen: 50.781 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

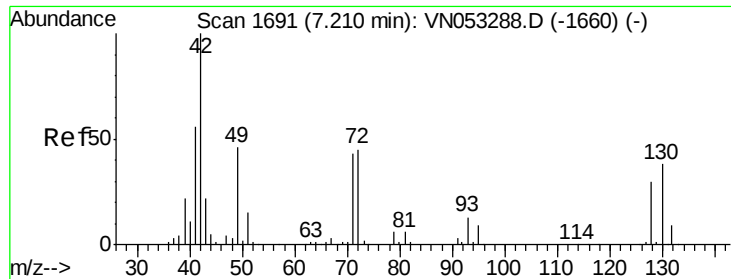
Tot Ion	96	Resp	499414
Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	280.6
98	64.8	0.0	127.6



#28
 Bromochloromethane
 Concen: 51.320 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion	49	Resp	351273
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	82.5	65.4	98.0





#29

Tetrahydrofuran

Concen: 247.152 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

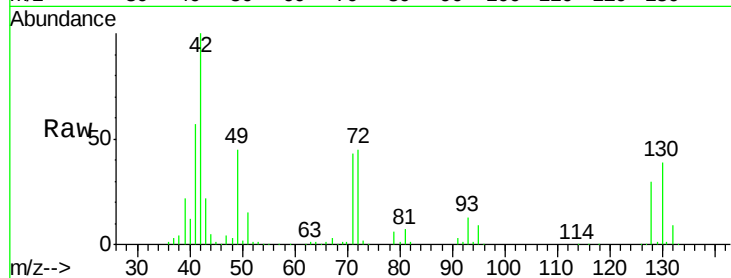
Tot Ion: 42 Resp: 598411

Ion Ratio Lower Upper

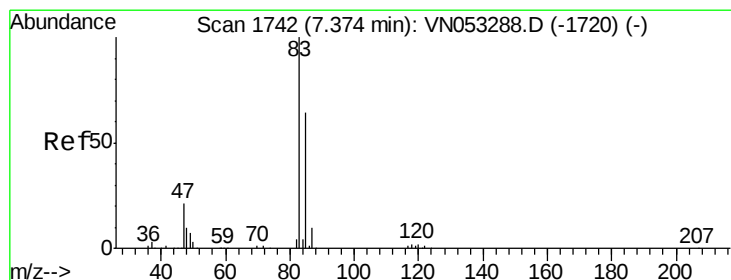
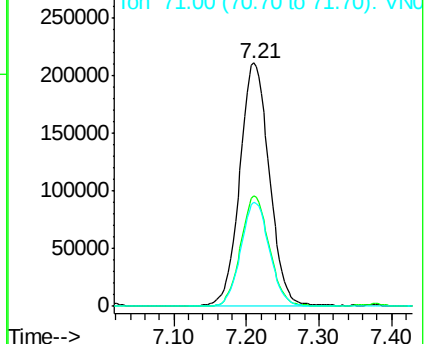
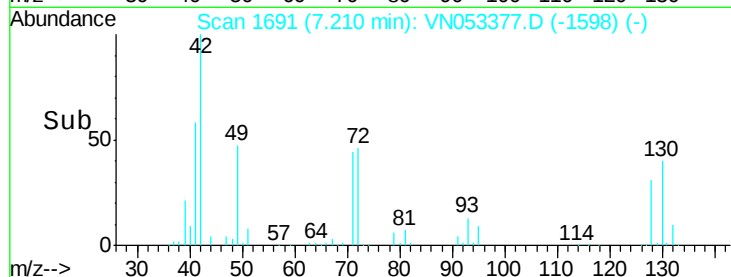
42 100

72 43.8 35.6 53.4

71 41.3 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VN053377.D (-1598) (-)



#30

Chloroform

Concen: 50.823 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053377.D

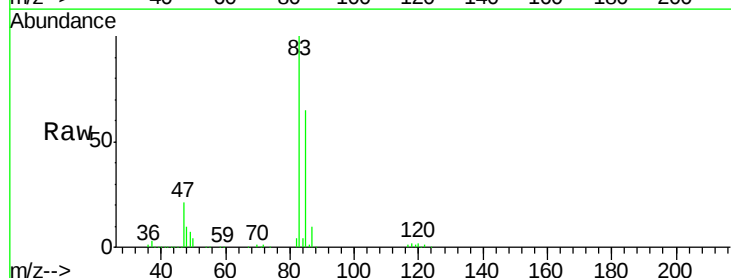
Acq: 11 Jan 2019 20:14

Tgt Ion: 83 Resp: 803487

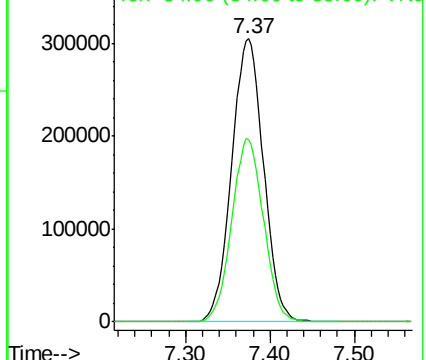
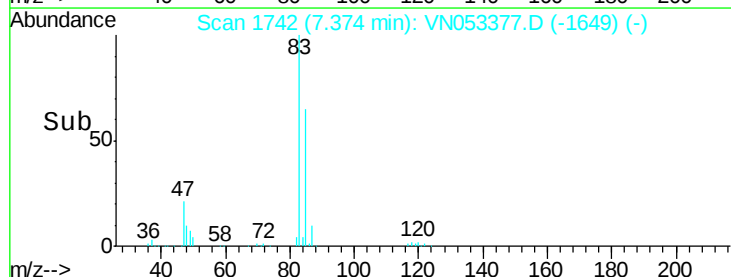
Ion Ratio Lower Upper

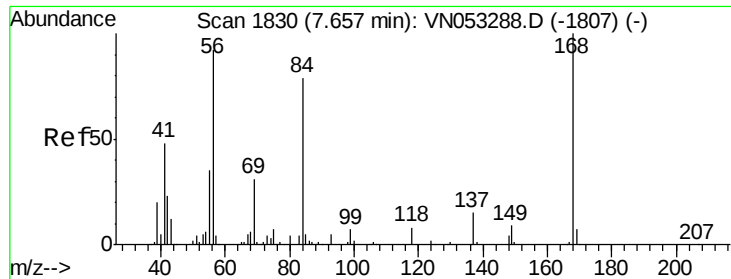
83 100

85 64.6 51.3 76.9



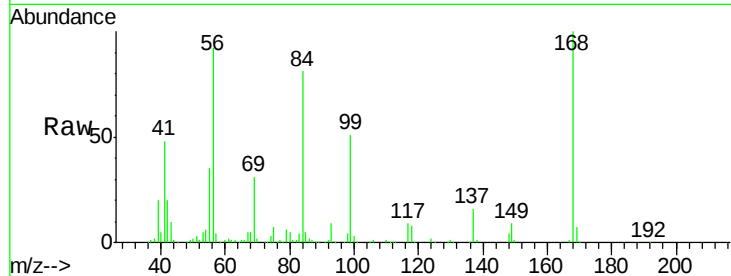
Abundance Ion 82.90 (82.60 to 83.60): VN053377.D (-1649) (-)



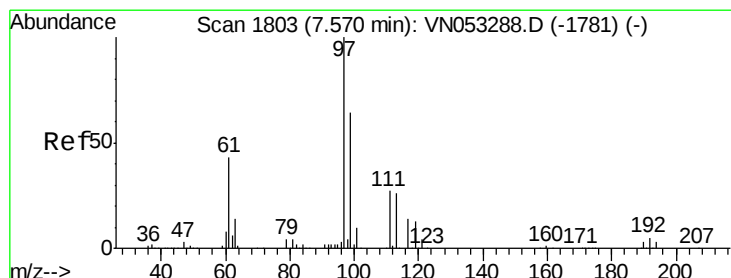
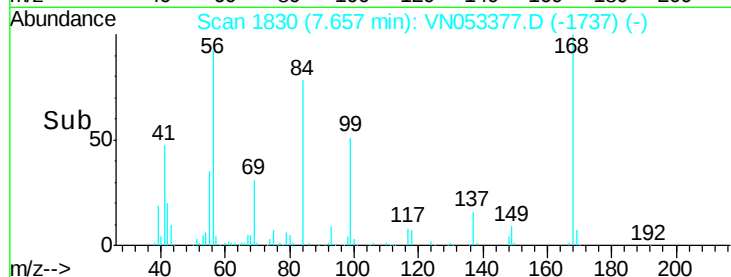
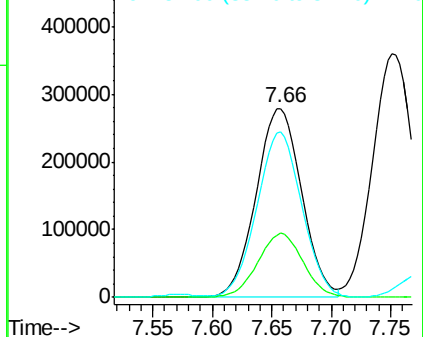


#31
Cvclohexane
Concen: 48.476 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tot Ion: 56 Resp: 740005
Ion Ratio Lower Upper
56 100
69 33.9 26.7 40.1
84 86.5 68.2 102.4

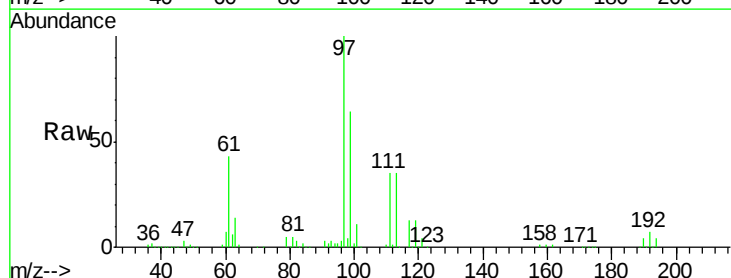


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

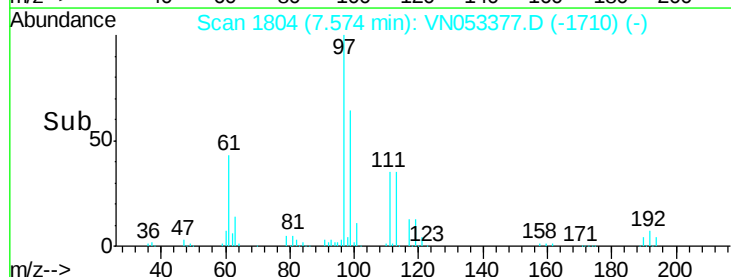
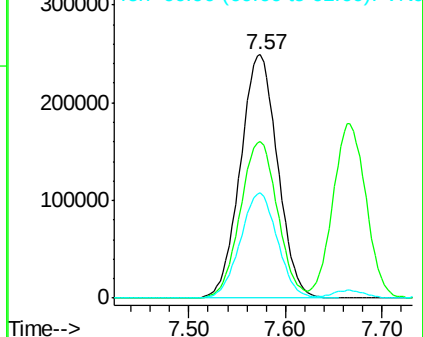


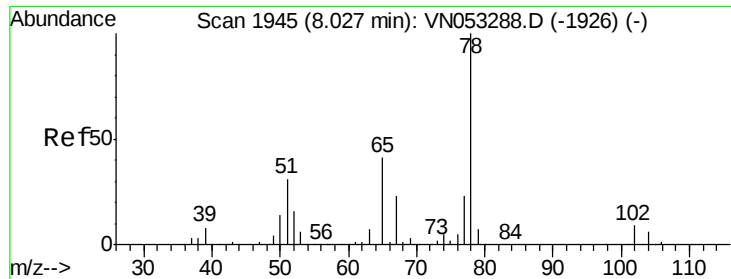
#32
1,1,1-Trichloroethane
Concen: 50.560 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion: 97 Resp: 666088
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 43.1 34.6 52.0



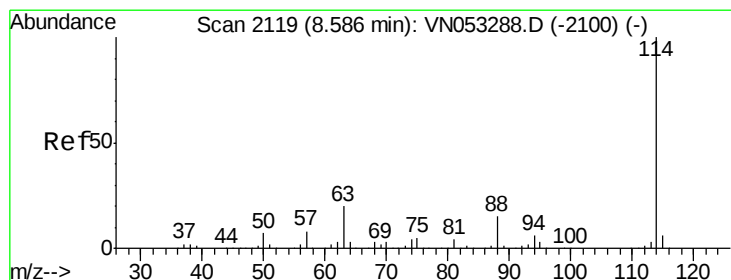
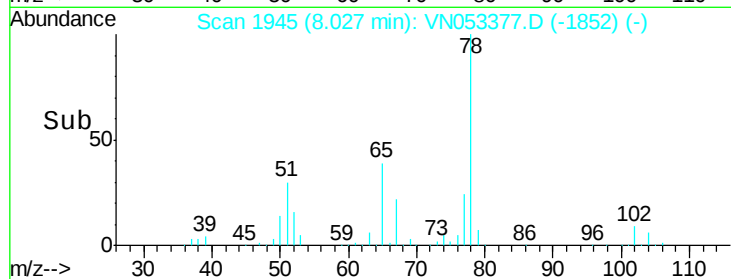
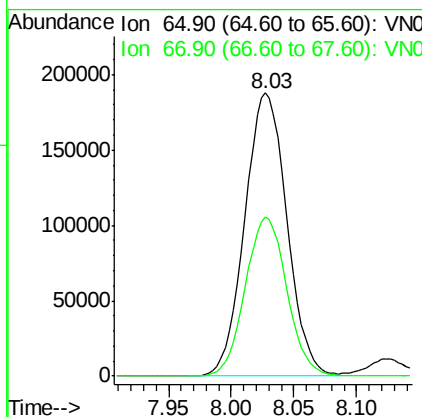
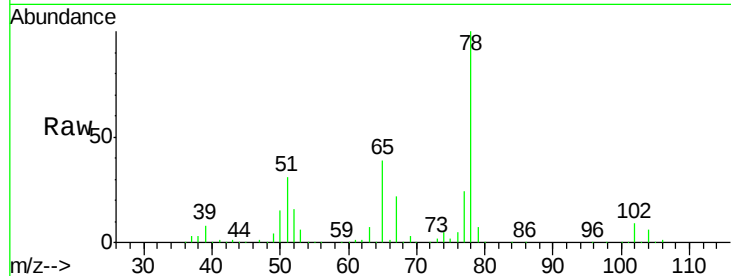
Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





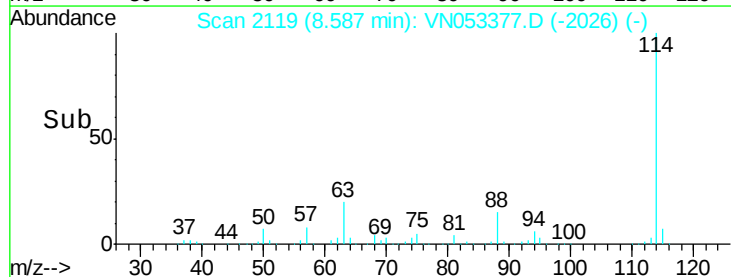
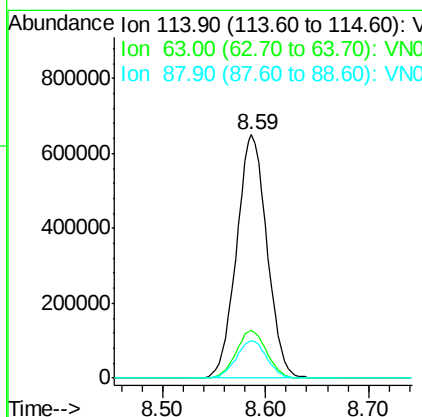
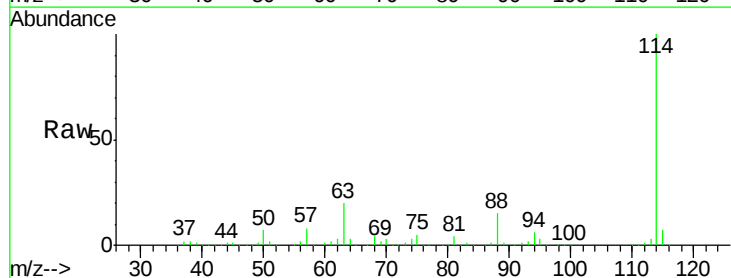
#33
 1,2-Dichloroethane-d4
 Concen: 50.560 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

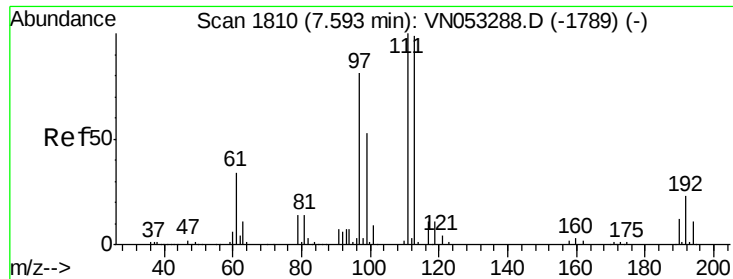
Tot Ion: 65 Resp: 437717
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

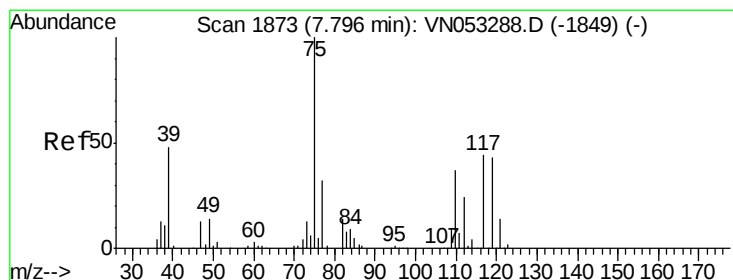
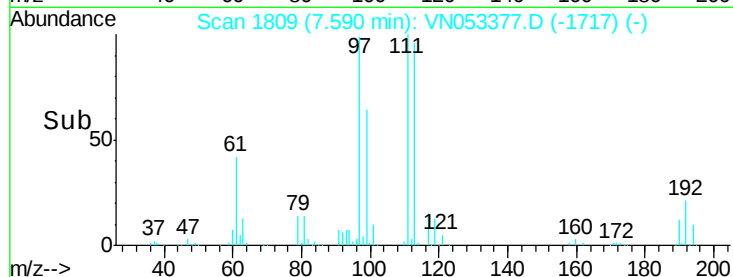
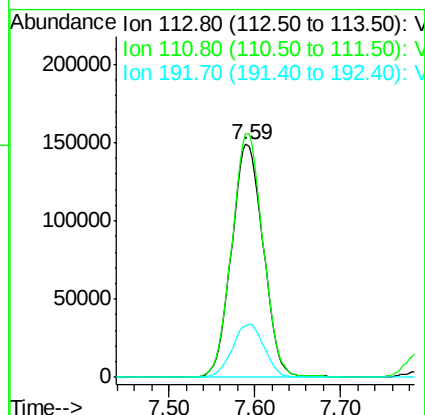
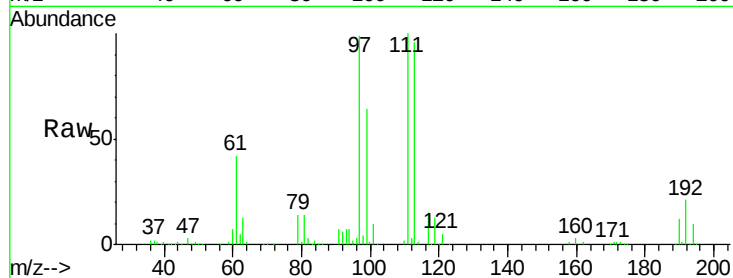
Tgt Ion: 114 Resp: 1331763
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.5 0.0 30.8





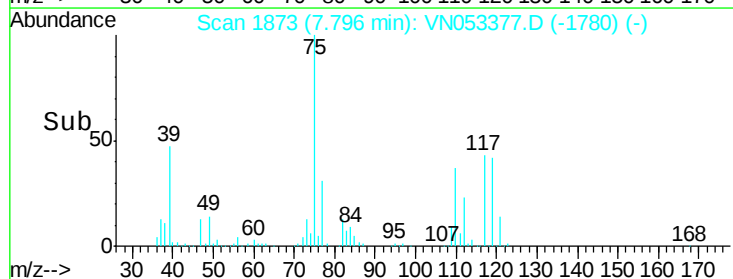
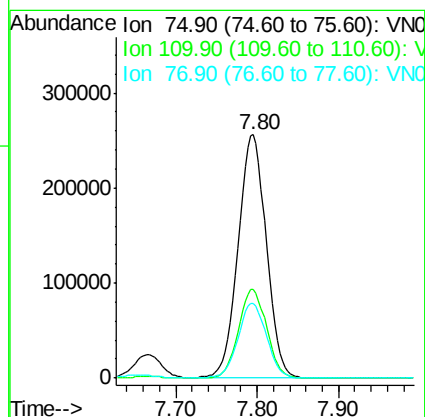
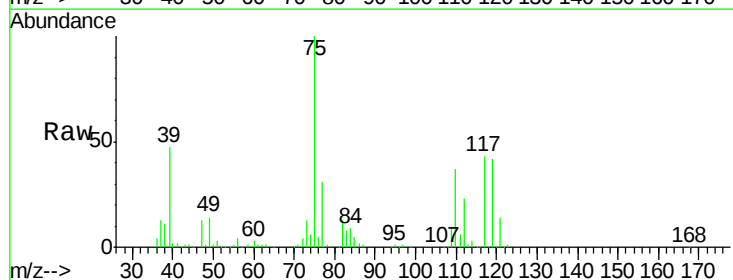
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

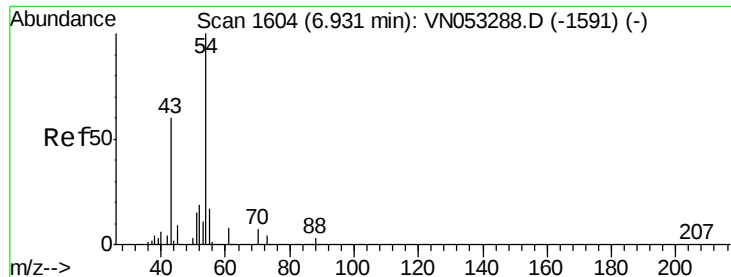
Tot Ion:113 Resp: 382848
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 22.9 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 49.224 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

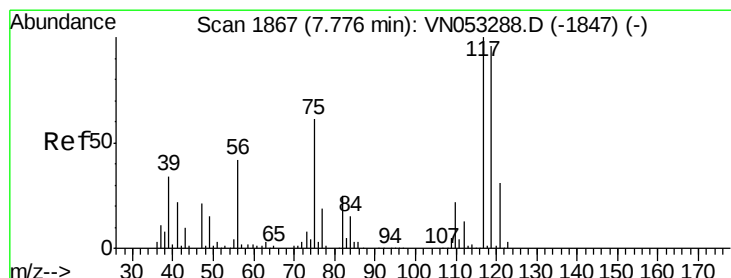
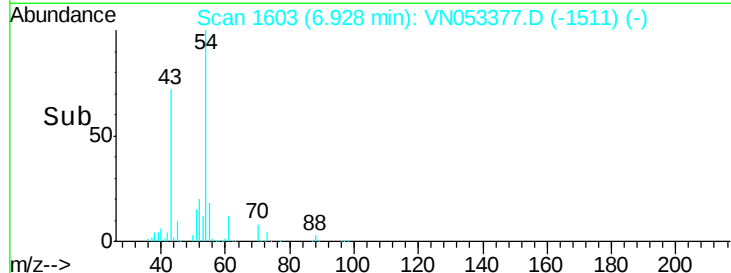
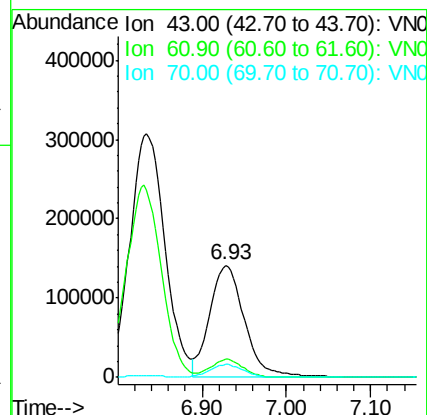
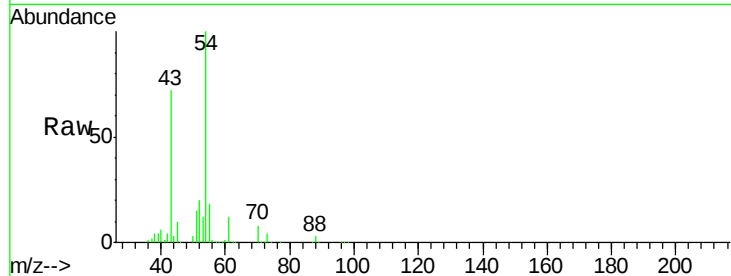
Tgt Ion: 75 Resp: 611990
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.4 55.0
 77 31.2 25.3 37.9





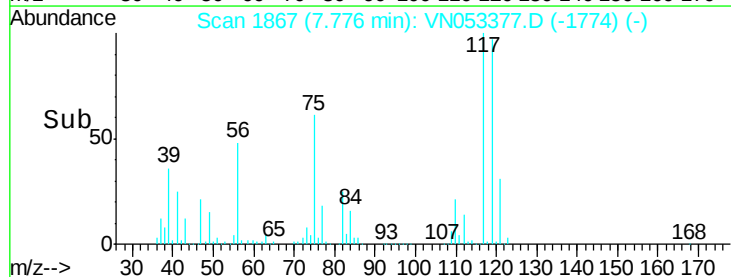
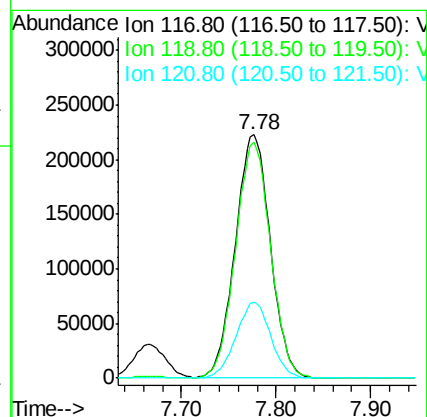
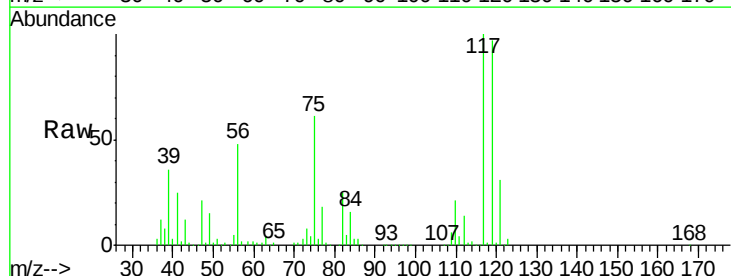
#37
Ethyl Acetate
Concen: 49.479 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

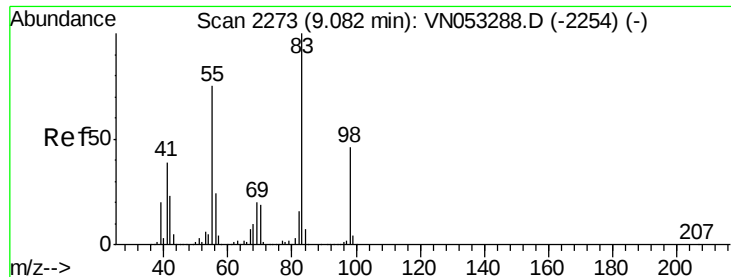
Tot Ion: 43 Resp: 400696
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.945 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

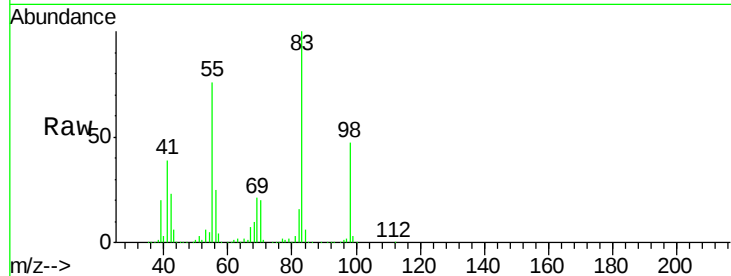
Tgt Ion: 117 Resp: 573150
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
121 31.2 25.0 37.4



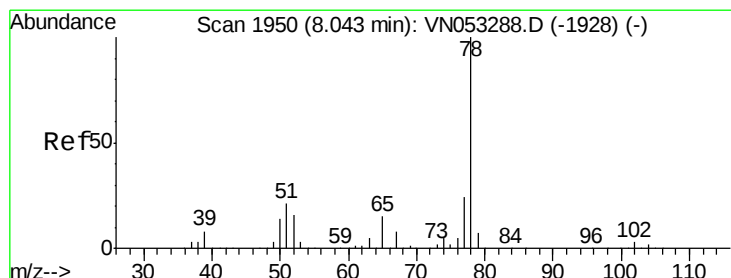
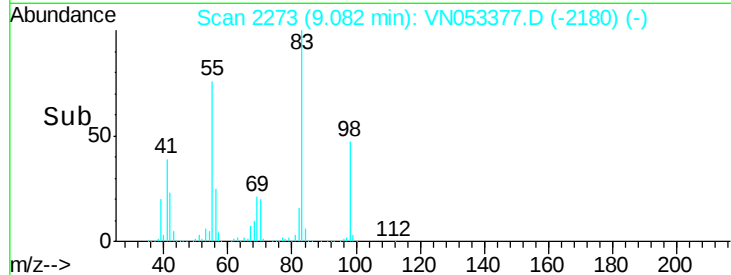
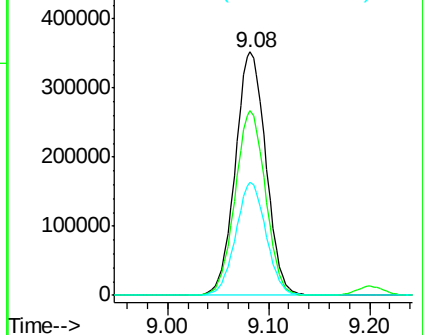


#39
Methvlcvclohexane
Concen: 51.152 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tot Ion: 83 Resp: 736768
Ion Ratio Lower Upper
83 100
55 75.7 60.1 90.1
98 46.5 36.7 55.1

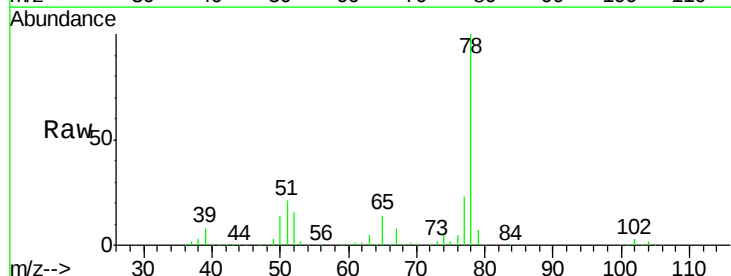


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

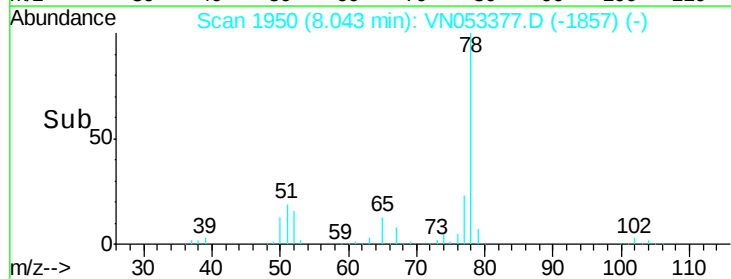
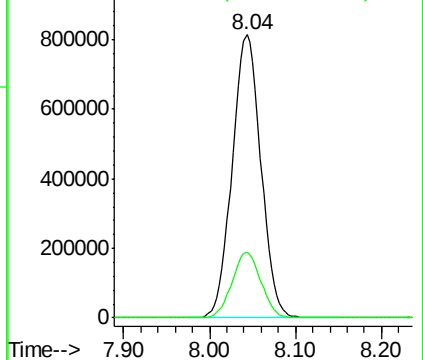


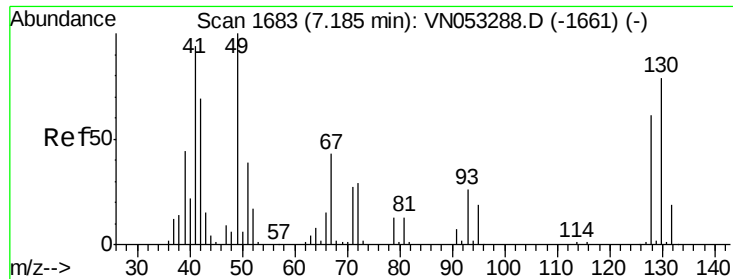
#40
Benzene
Concen: 49.610 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion: 78 Resp: 1884063
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



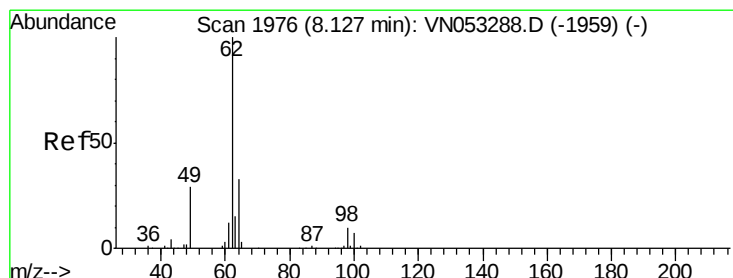
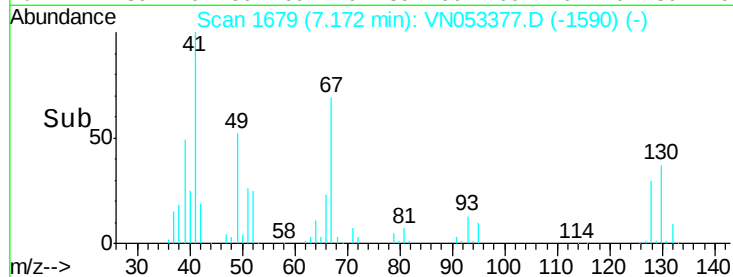
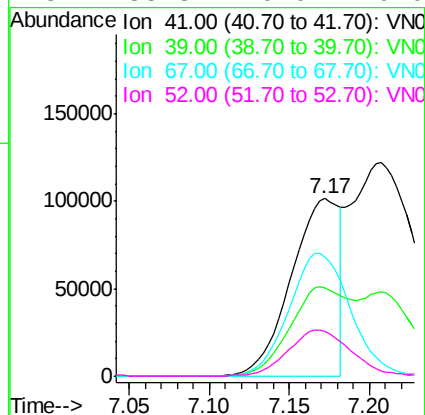
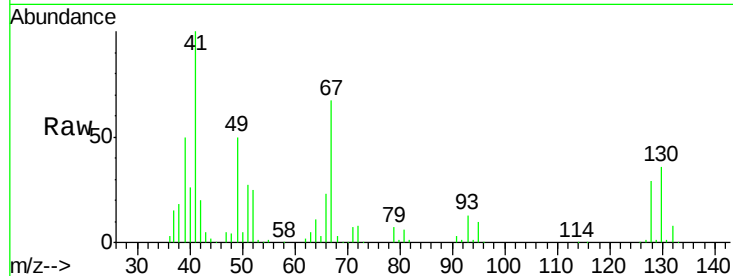
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





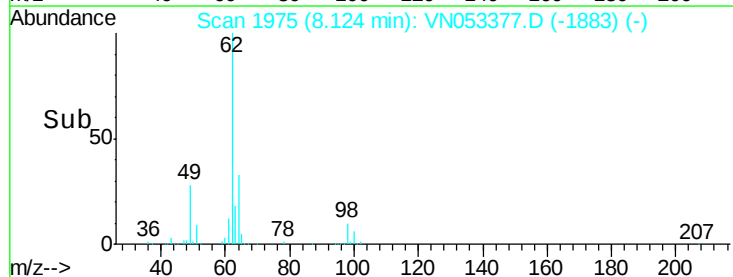
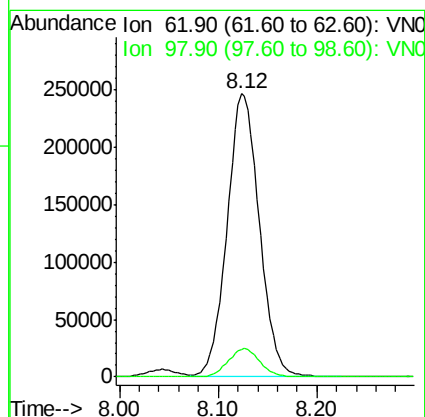
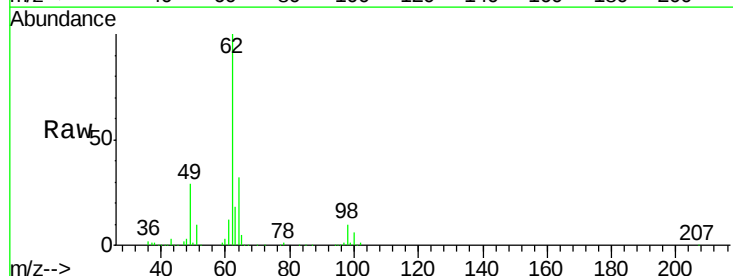
#41
Methacrylonitrile
Concen: 42.488 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

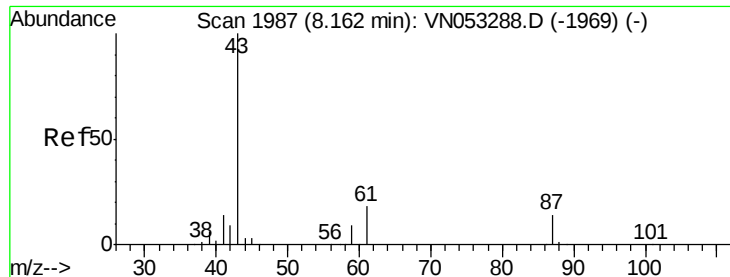
Tot Ion:	41	Resp:	213620
Ion	Ratio	Lower	Upper
41	100		
39	62.7	0.0	0.0#
67	88.5	0.0	0.0#
52	33.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.802 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion:	62	Resp:	561033
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 46.307 ug/l

RT: 8.16 min Scan# 1987

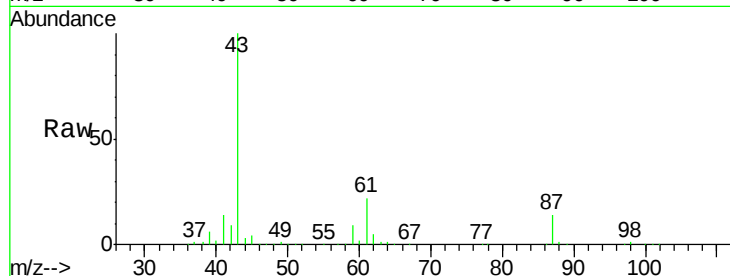
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tot Ion: 43 Resp: 737726

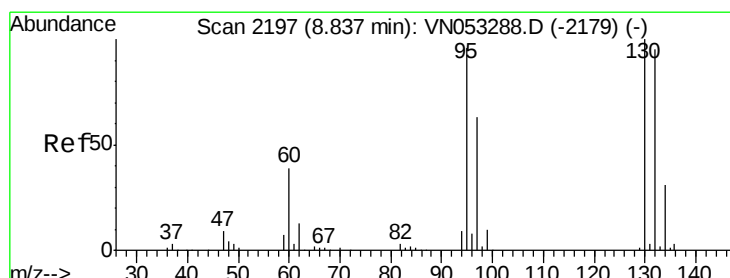
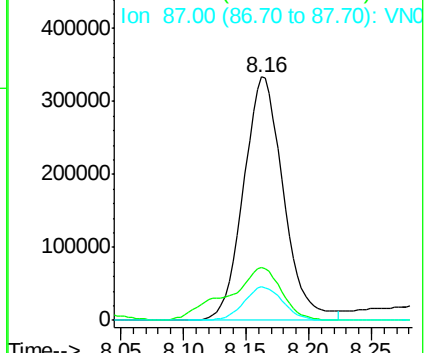
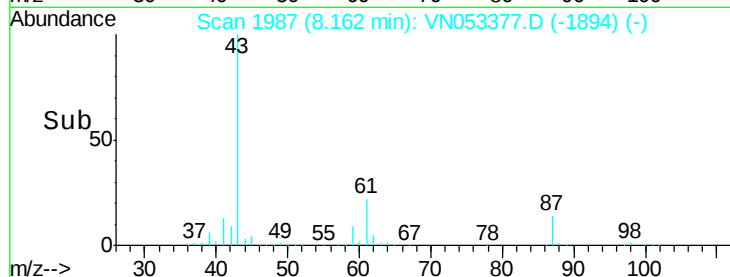
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.3	34.9
87	13.4	10.8	16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053377.D (-2104) (-)

Ion 61.00 (60.70 to 61.70): VN053377.D (-2104) (-)

Ion 87.00 (86.70 to 87.70): VN053377.D (-2104) (-)



#44

Trichloroethene

Concen: 49.625 ug/l

RT: 8.84 min Scan# 2197

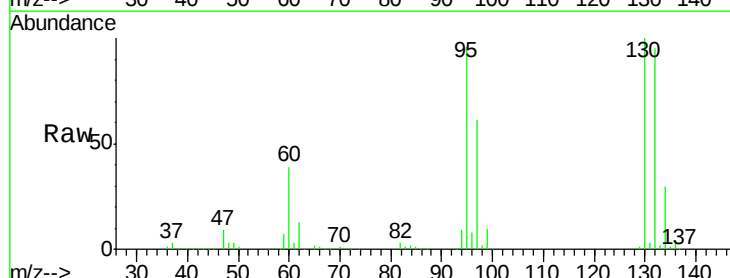
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

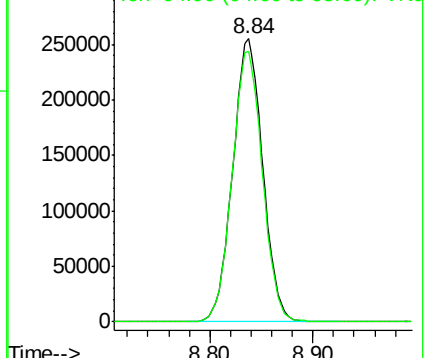
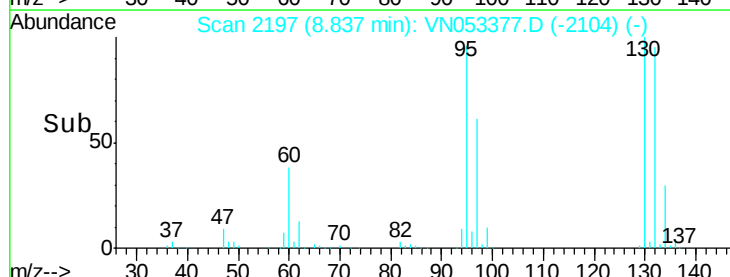
Tgt Ion: 130 Resp: 517492

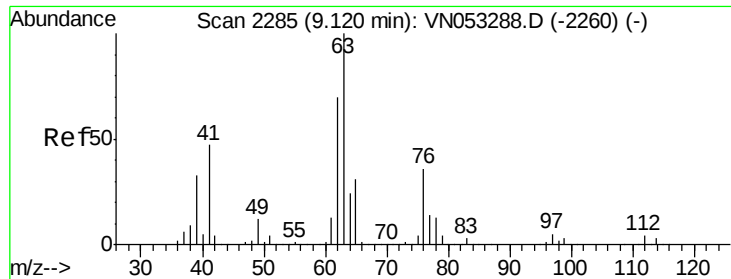
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053377.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053377.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 50.534 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053377.D

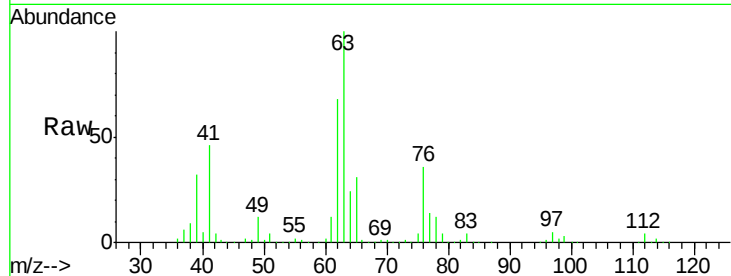
Acq: 11 Jan 2019 20:14

Tot Ion: 63 Resp: 503358

Ion Ratio Lower Upper

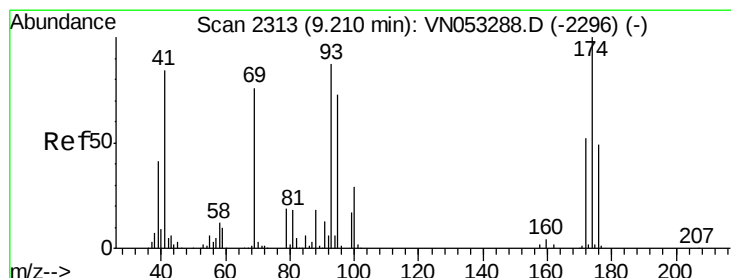
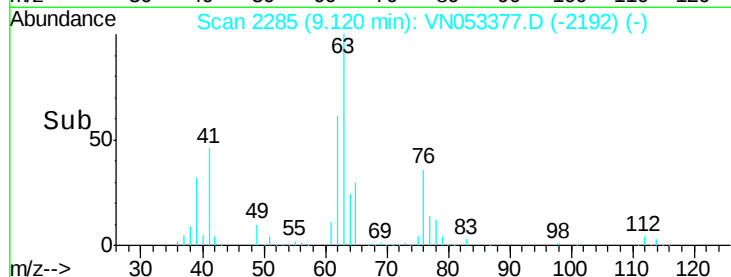
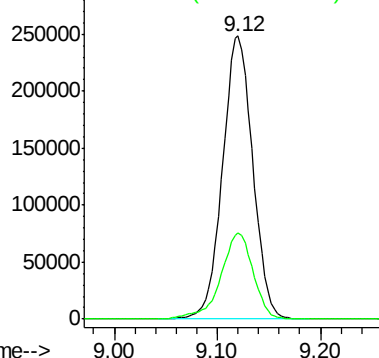
63 100

65 30.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.959 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

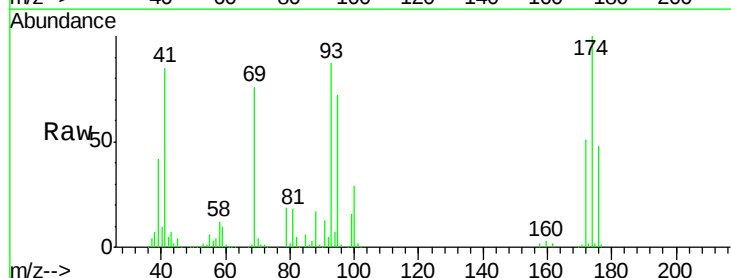
Tgt Ion: 93 Resp: 290148

Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

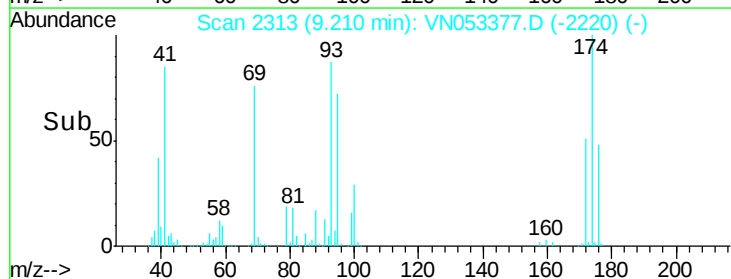
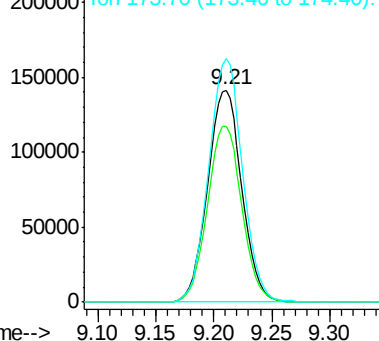
174 113.7 91.4 137.0

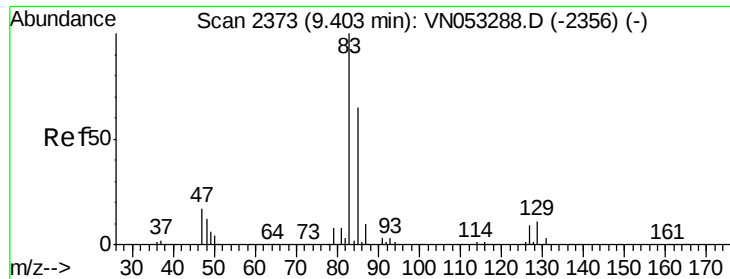


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.461 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

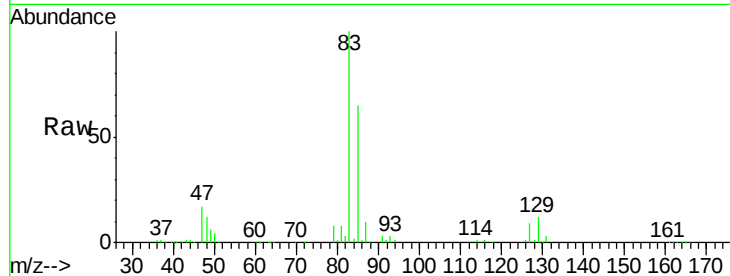
Tot Ion: 83 Resp: 610734

Ion Ratio Lower Upper

83 100

85 64.5 51.7 77.5

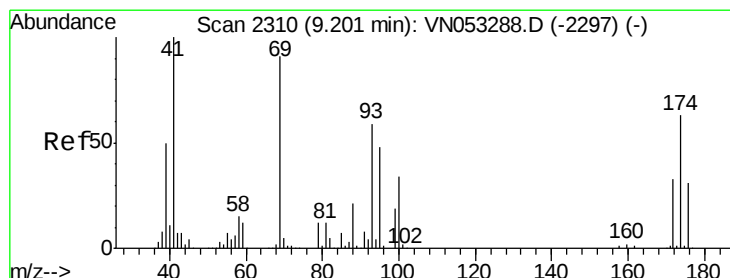
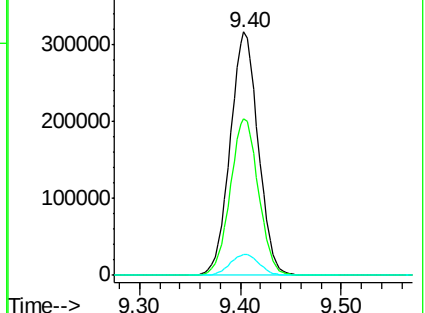
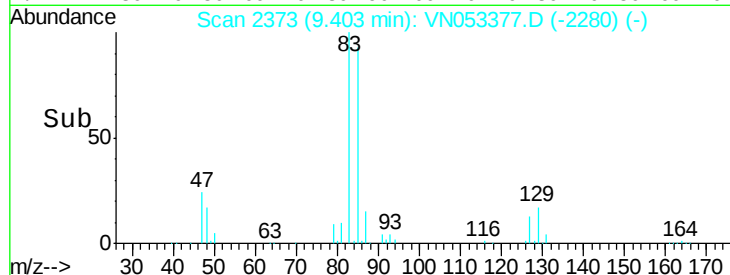
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.870 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

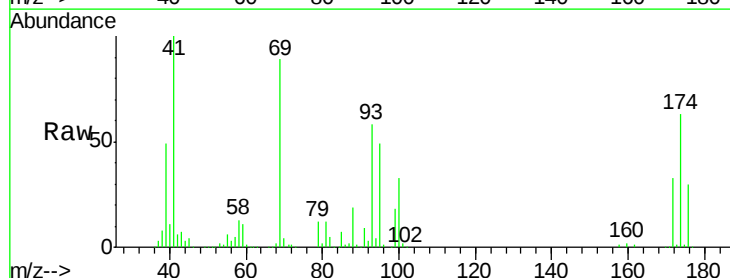
Tgt Ion: 41 Resp: 368186

Ion Ratio Lower Upper

41 100

69 91.3 73.5 110.3

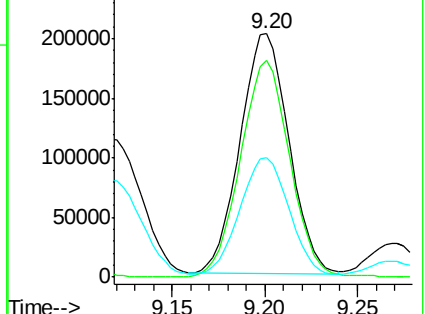
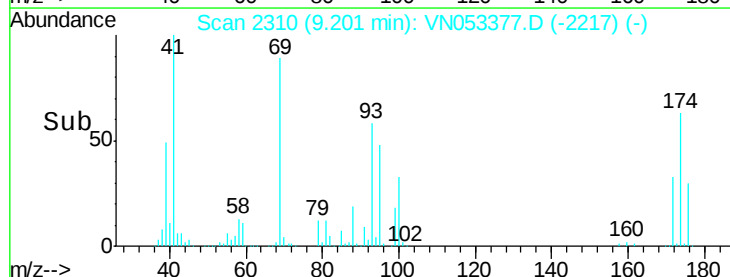
39 51.2 41.6 62.4

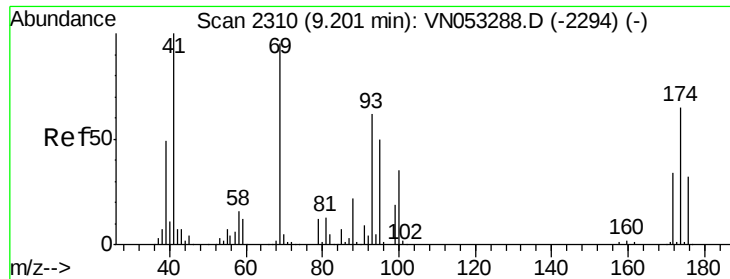


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1053.602 ug/l

RT: 9.20 min Scan# 2310

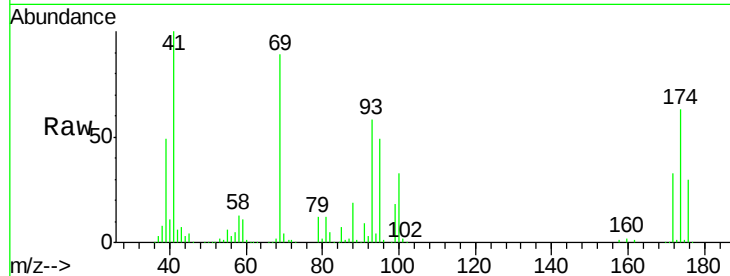
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tot Ion: 88 Resp: 81247

Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.2	39.4
58	69.1	55.5	83.3

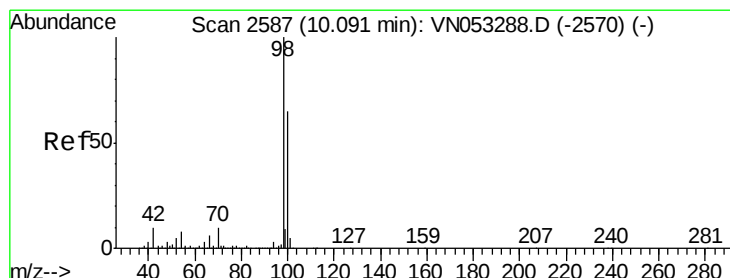
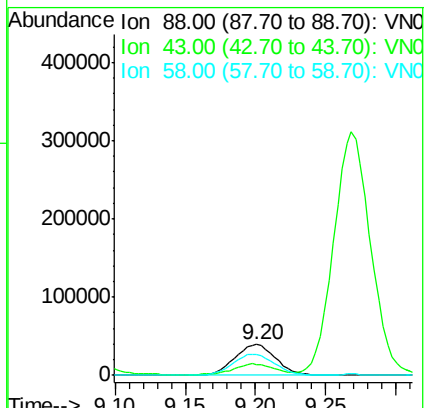
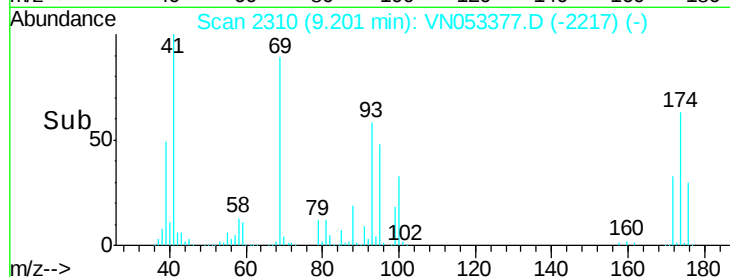


Abundance

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: 1053.602 ug/l

RT: 10.09 min Scan# 2587

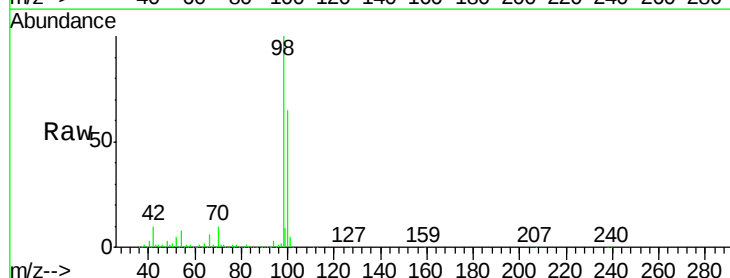
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tgt Ion: 98 Resp: 1580660

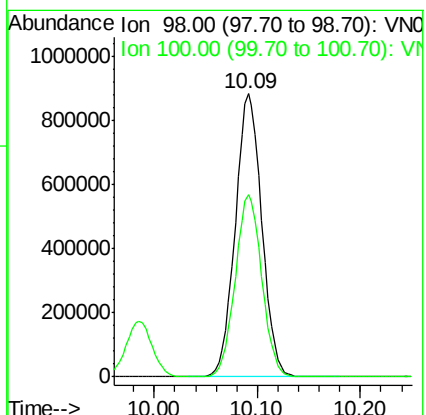
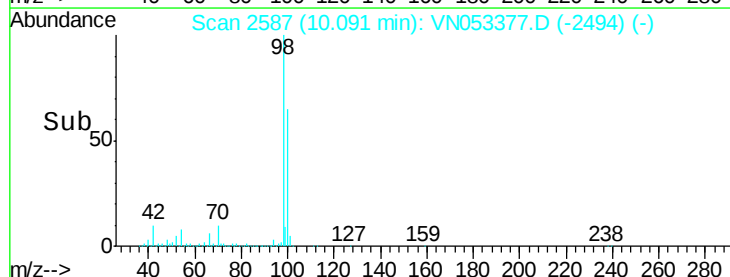
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3

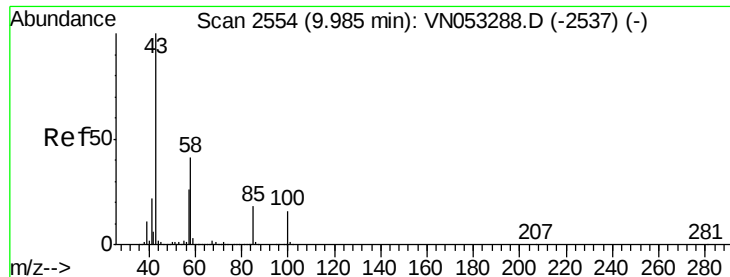


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 250.473 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053377.D

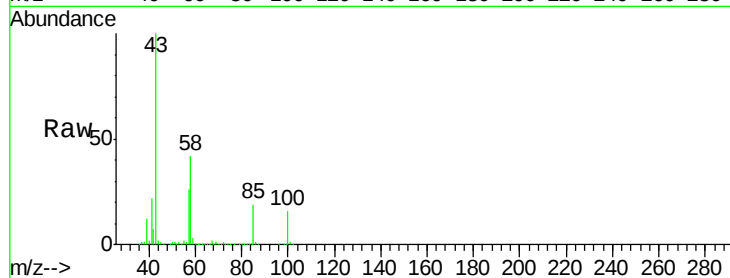
Acq: 11 Jan 2019 20:14

Tot Ion: 43 Resp: 2006685

Ion Ratio Lower Upper

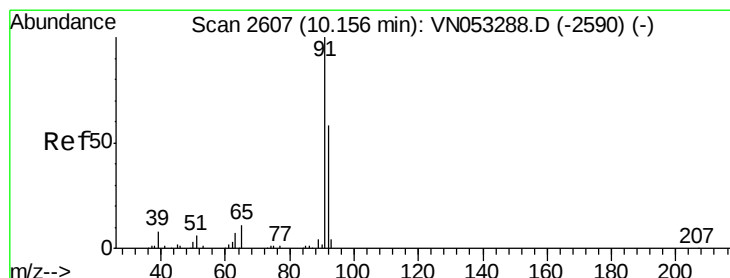
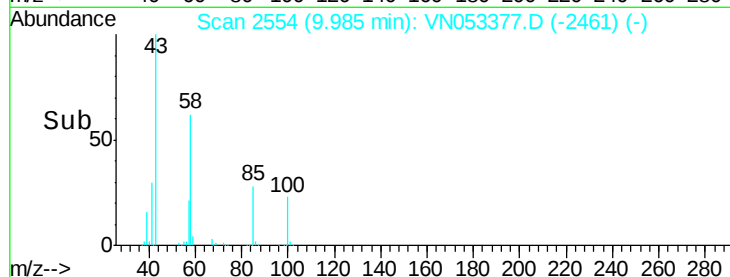
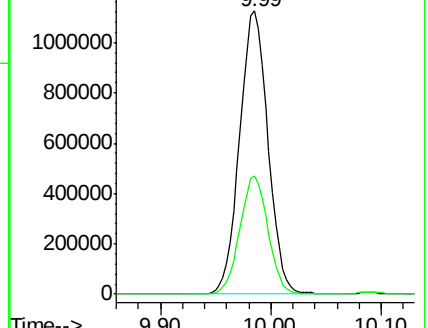
43 100

58 41.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN053377.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN053377.D (-2461) (-)



#52

Toluene

Concen: 50.258 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053377.D

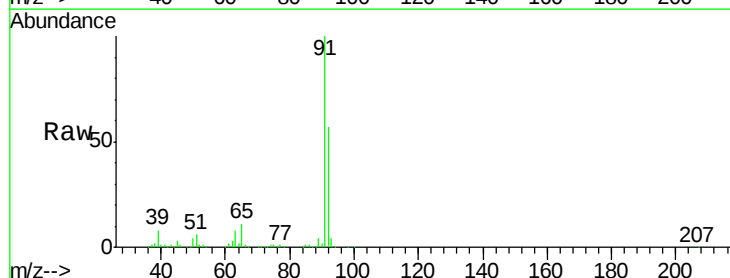
Acq: 11 Jan 2019 20:14

Tgt Ion: 92 Resp: 1170969

Ion Ratio Lower Upper

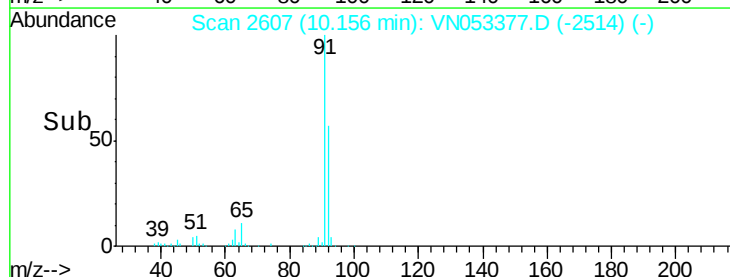
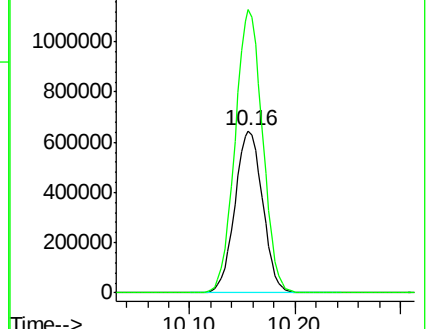
92 100

91 173.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN053377.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN053377.D (-2514) (-)





#53

t-1,3-Dichloropropene

Concen: 51.323 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053377.D

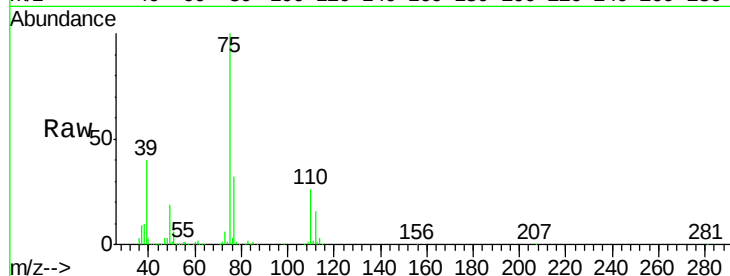
Acq: 11 Jan 2019 20:14

Tot Ion: 75 Resp: 635441

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

300000

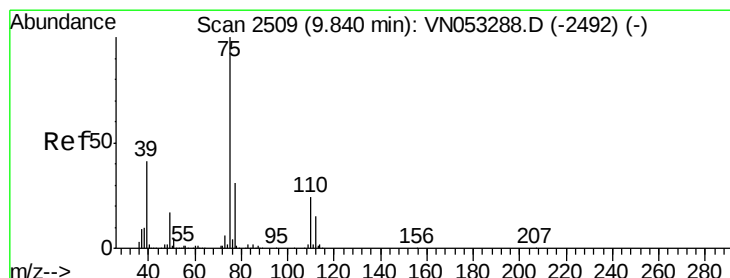
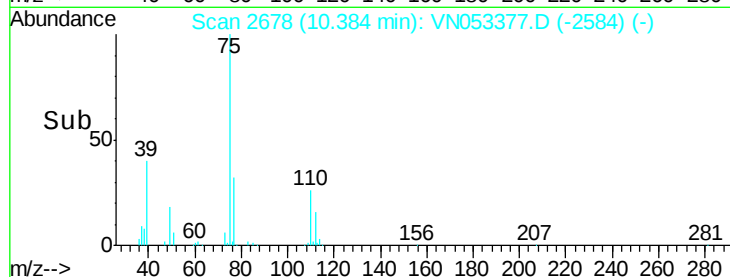
200000

100000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 51.083 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

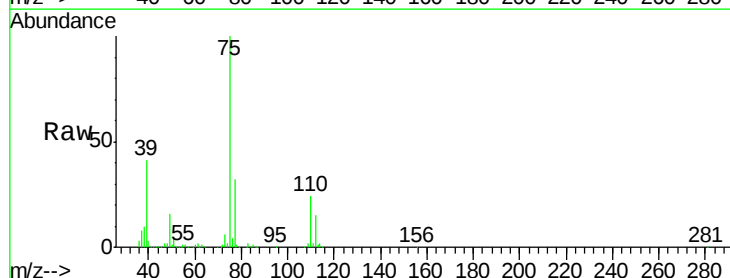
Tgt Ion: 75 Resp: 730860

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 40.8 33.1 49.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

500000

400000

300000

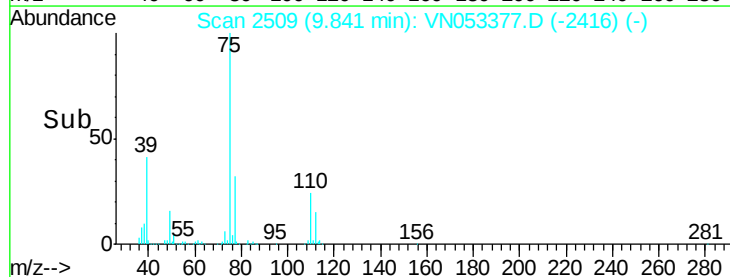
200000

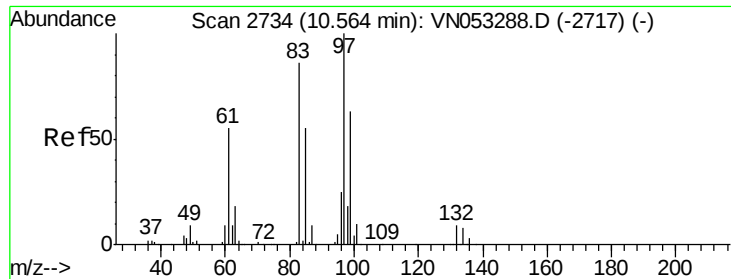
100000

0

Time-->

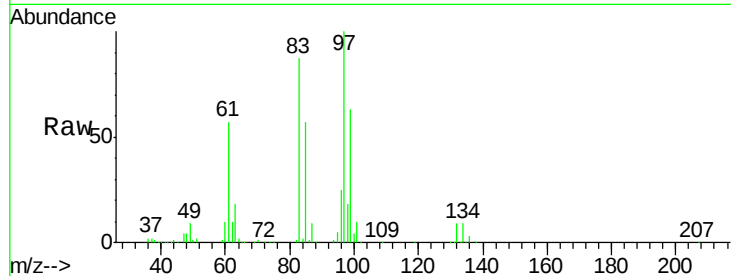
9.75 9.80 9.85 9.90



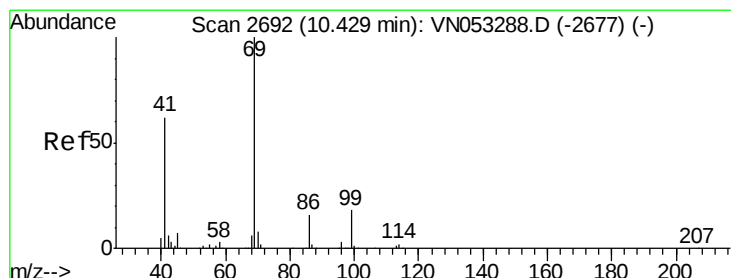
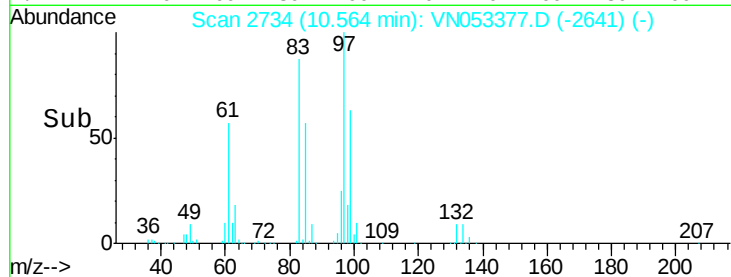
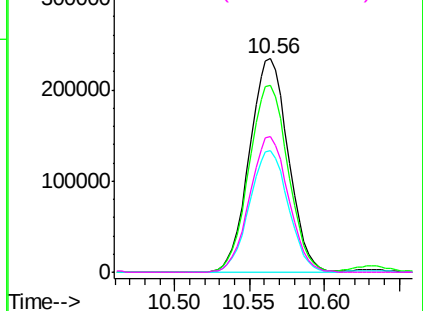


#55
 1,1,2-Trichloroethane
 Concen: 49.414 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tot Ion:	97	Resp:	423331
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.1	103.7
85	56.8	44.2	66.4
99	63.4	50.3	75.5

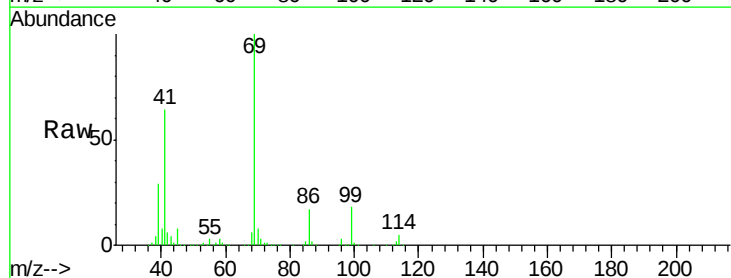


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

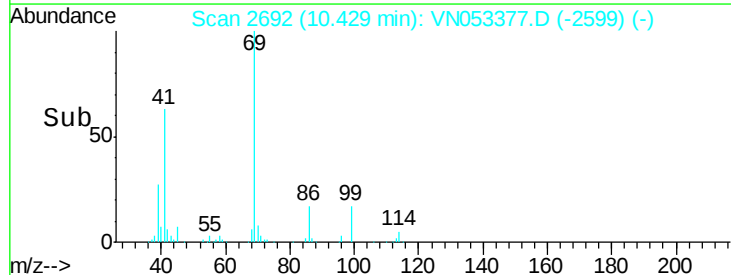
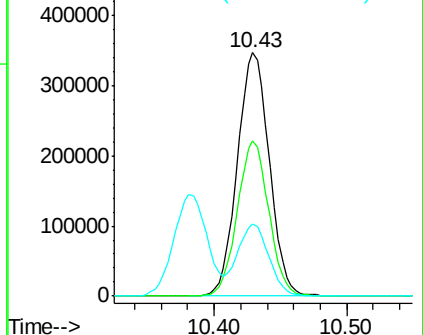


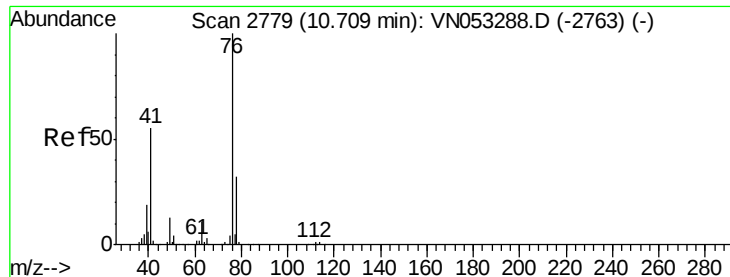
#56
 Ethyl methacrylate
 Concen: 52.212 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion:	69	Resp:	581271
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.2	73.8
39	29.2	23.4	35.0



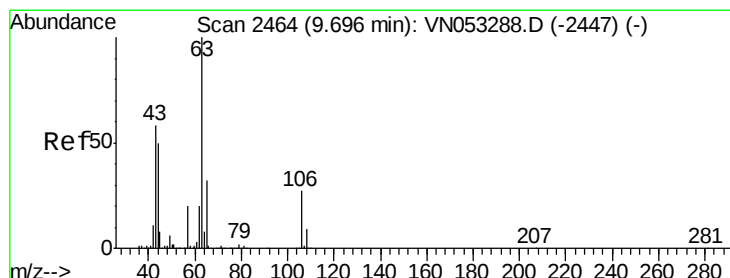
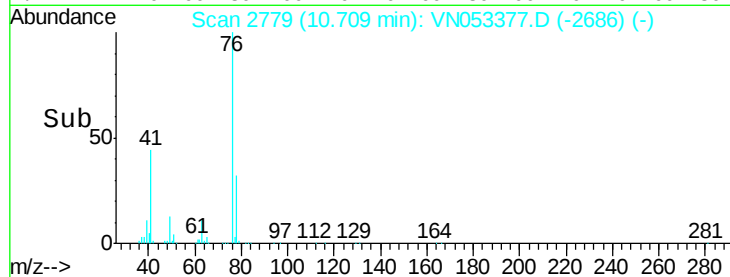
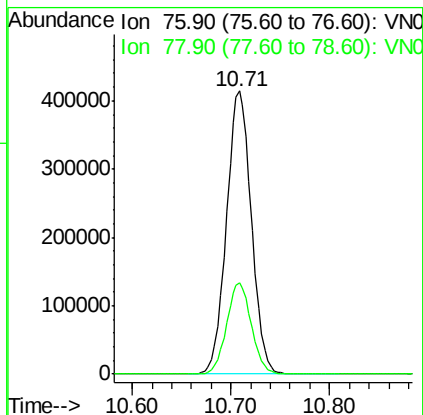
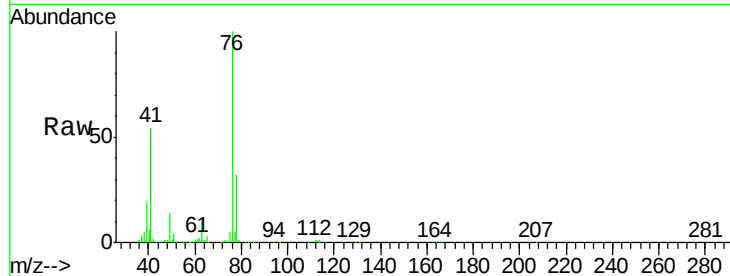
Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





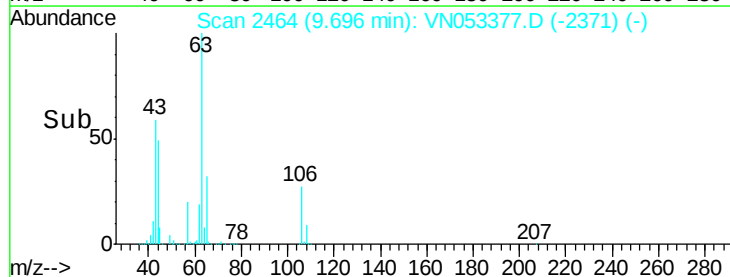
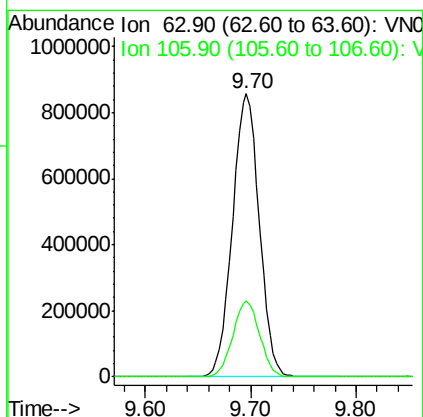
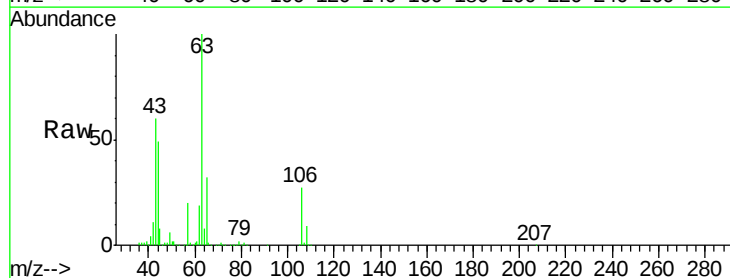
#57
 1,3-Dichloropropane
 Concen: 51.066 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

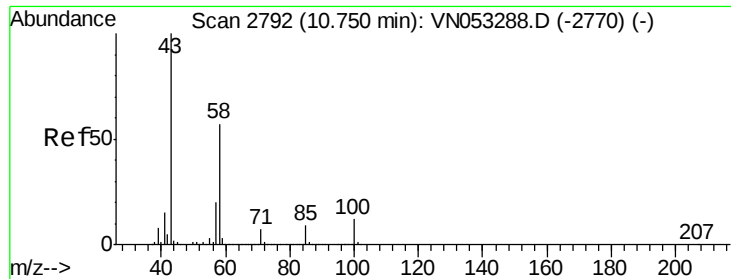
Tot Ion: 76 Resp: 731596
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.961 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

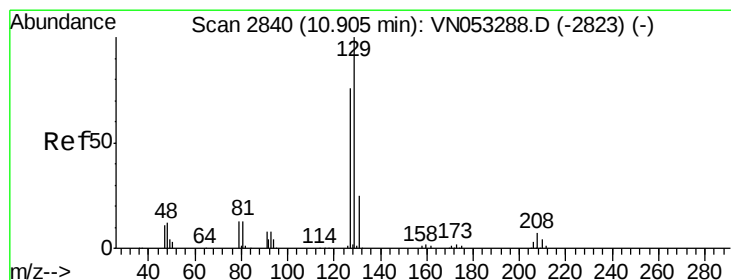
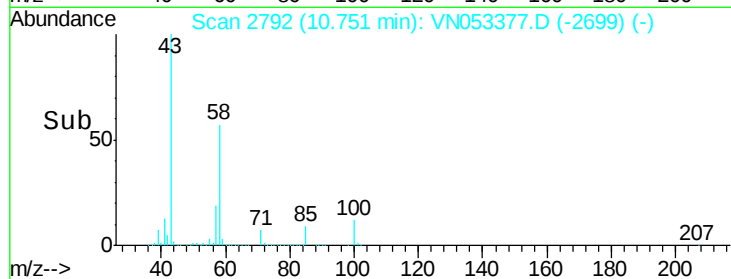
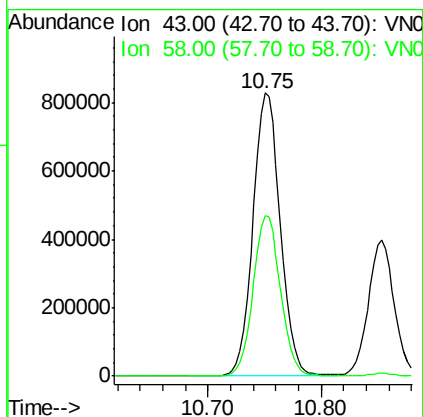
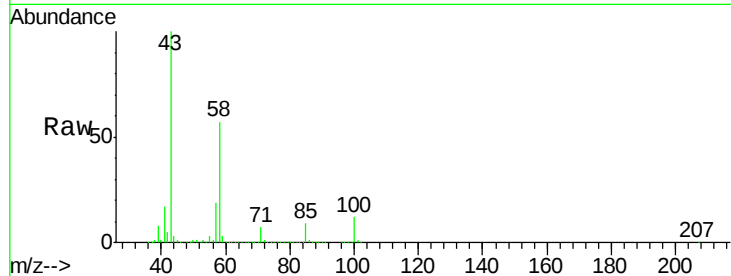
Tgt Ion: 63 Resp: 1504452
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.7 32.5





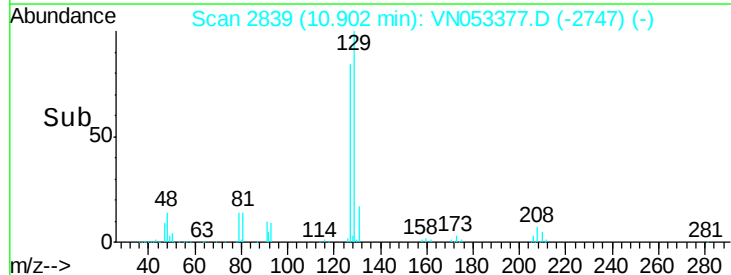
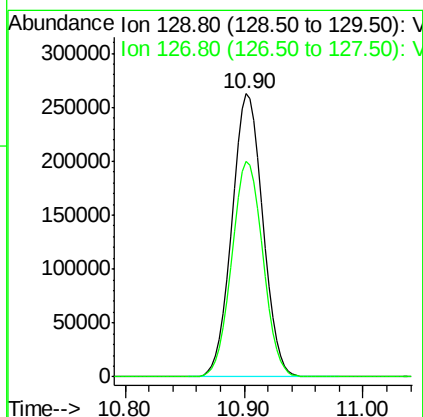
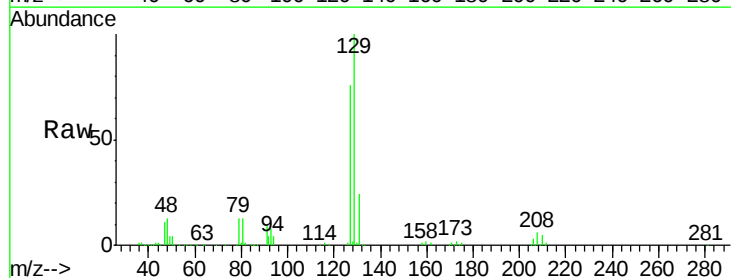
#59
2-Hexanone
Concen: 252.377 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

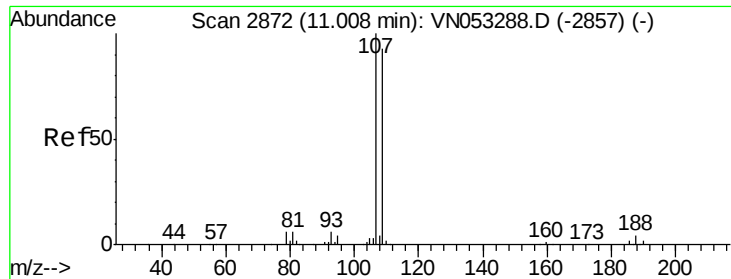
Tot Ion: 43 Resp: 1385351
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0



#60
Dibromochloromethane
Concen: 51.156 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

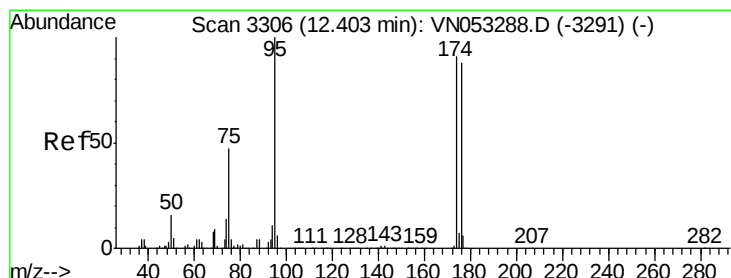
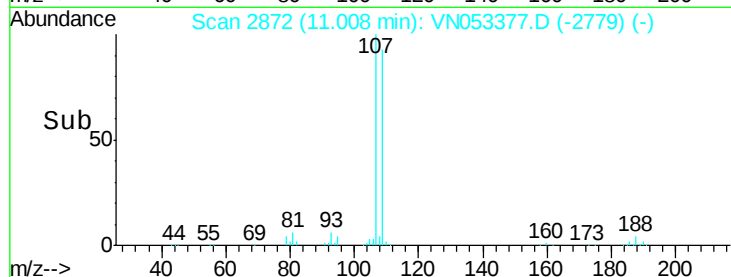
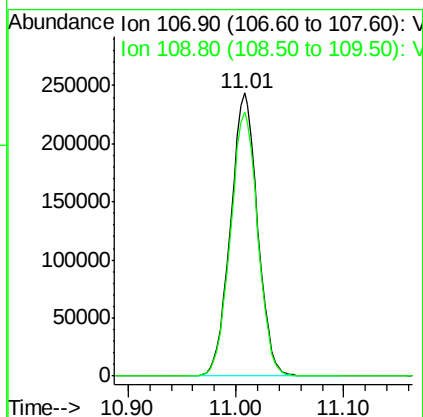
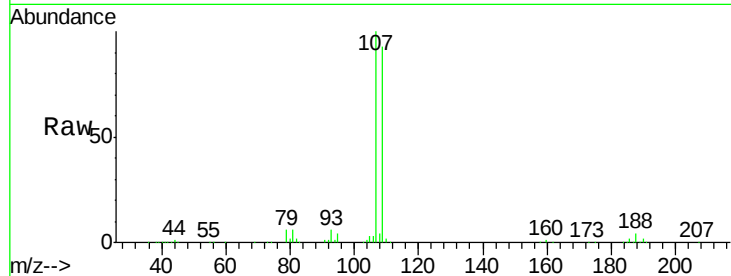
Tgt Ion: 129 Resp: 472689
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





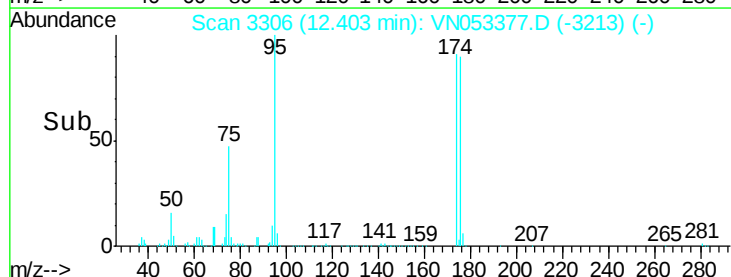
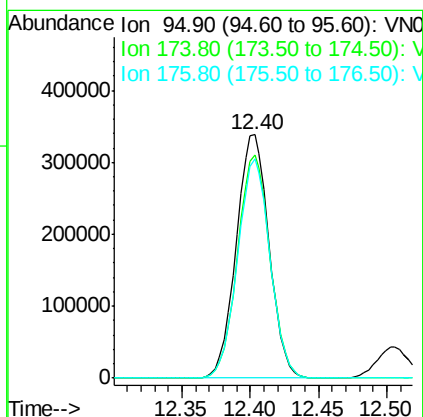
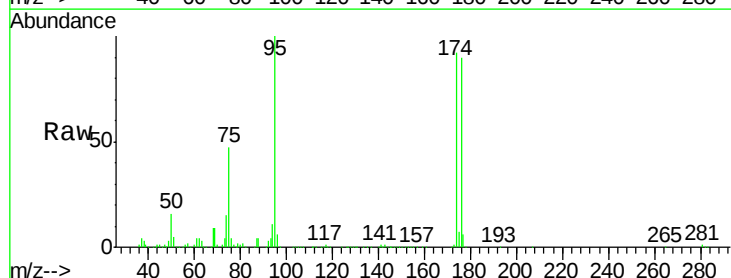
#61
 1,2-Dibromoethane
 Concen: 50.336 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

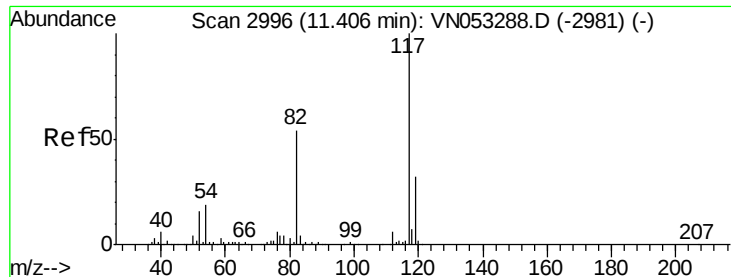
Tot Ion: 107 Resp: 425547
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.336 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion: 95 Resp: 564198
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 180.4
 176 88.8 0.0 175.6

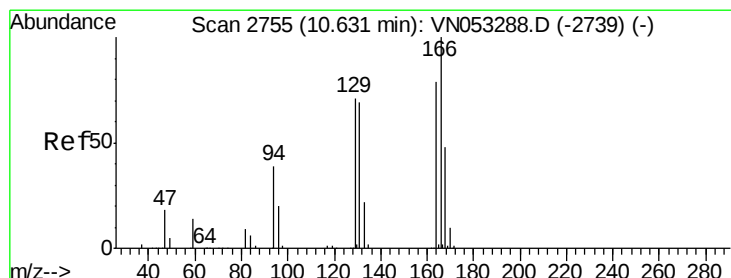
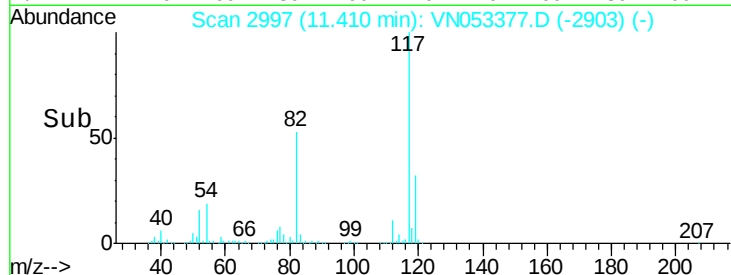
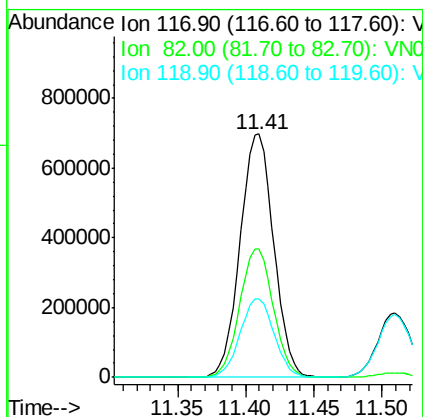
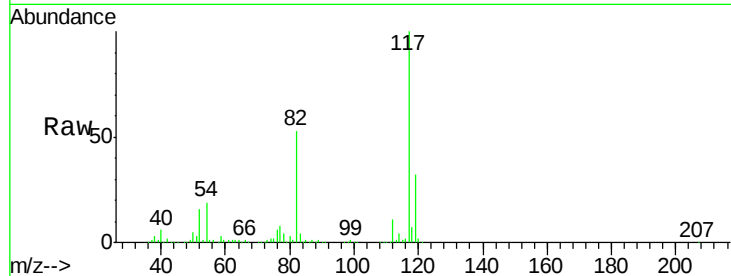




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tot Ion:117 Resp: 1196109

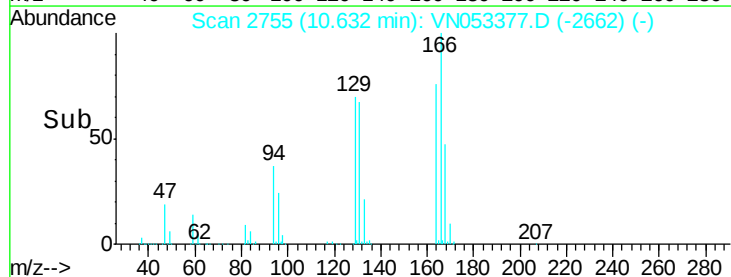
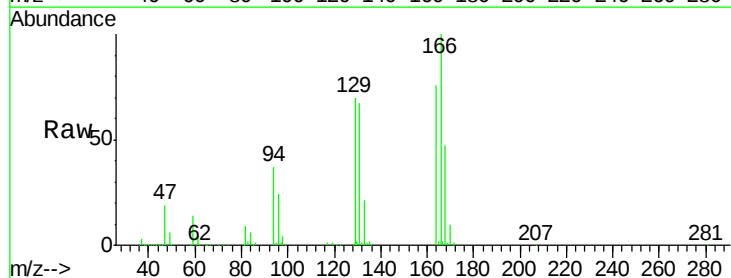
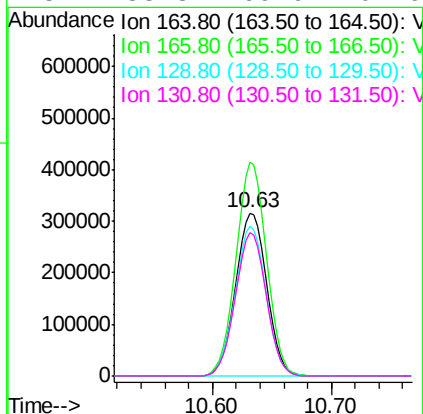
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.9	64.3
119	32.4	25.6	38.4

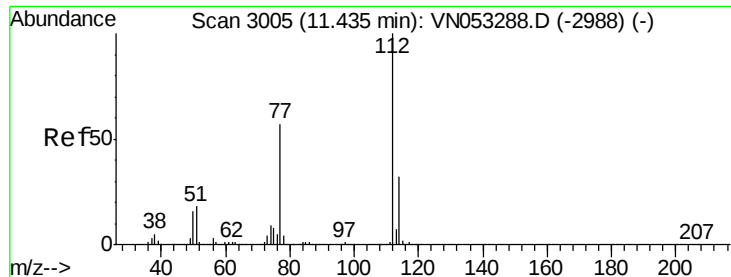


#64
Tetrachloroethene
Concen: 50.877 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

Tgt Ion:164 Resp: 572763

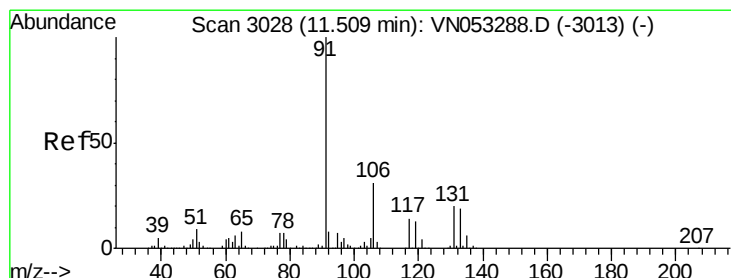
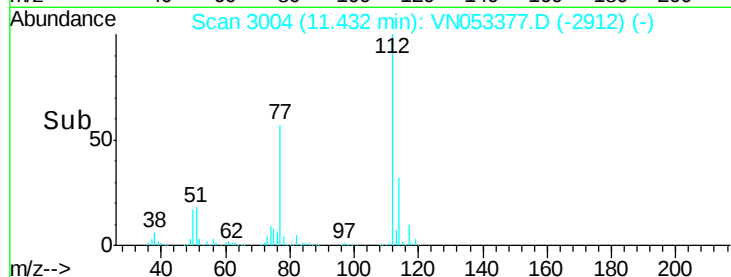
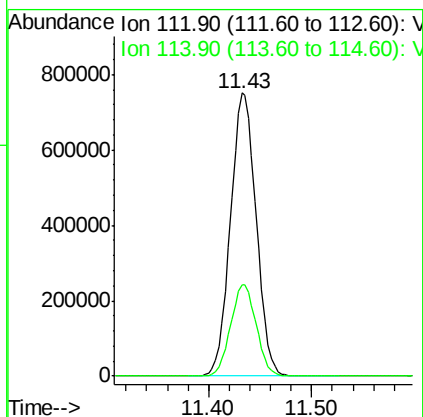
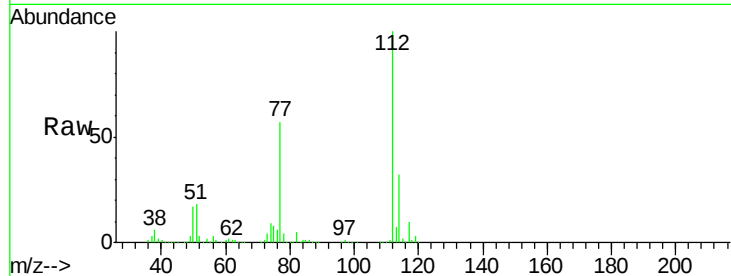
Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.7	152.5
129	92.1	72.1	108.1
131	88.3	69.9	104.9





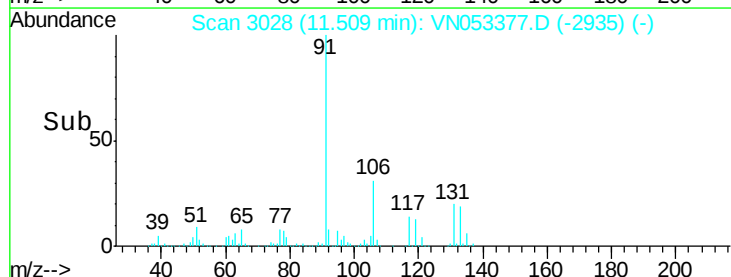
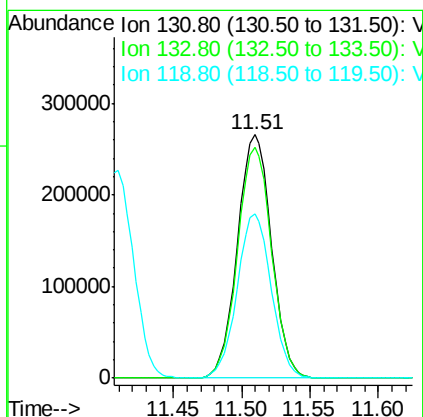
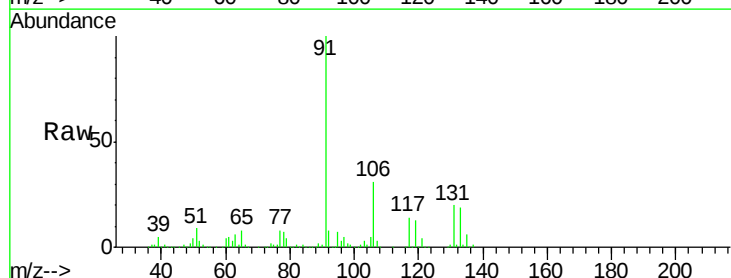
#65
Chlorobenzene
Concen: 50.182 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

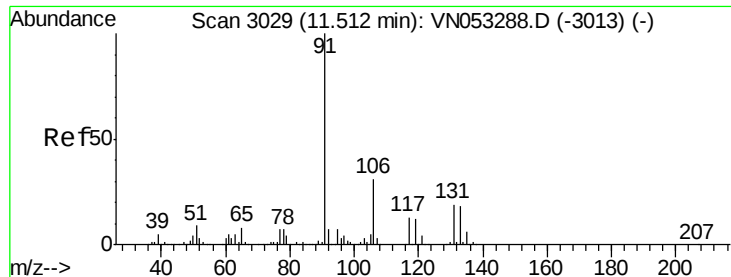
Tot Ion:112 Resp: 1303912
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.698 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

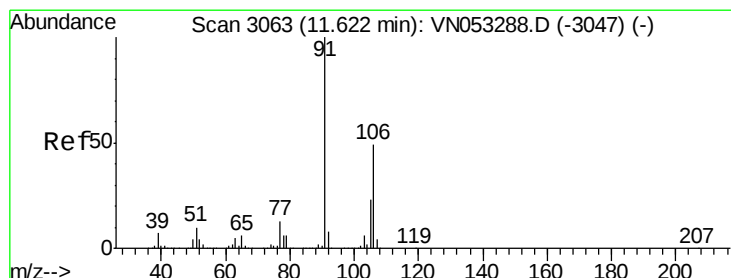
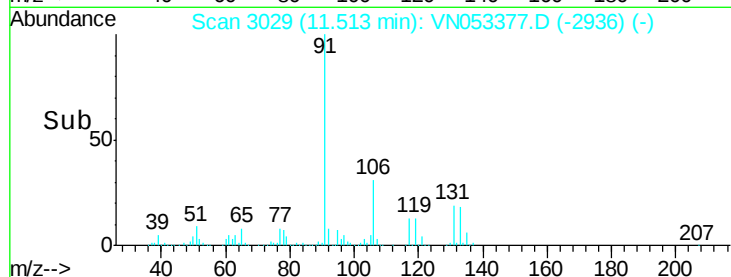
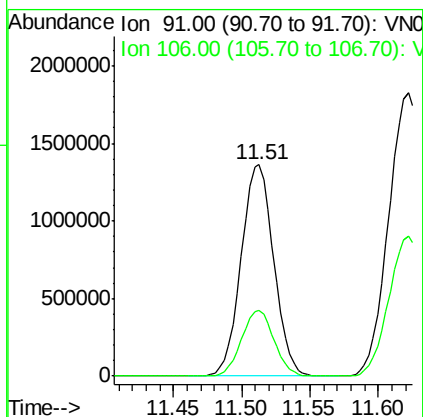
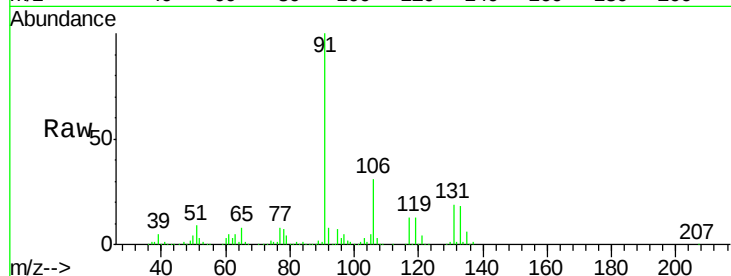
Tgt Ion:131 Resp: 461085
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 67.2 33.3 99.9





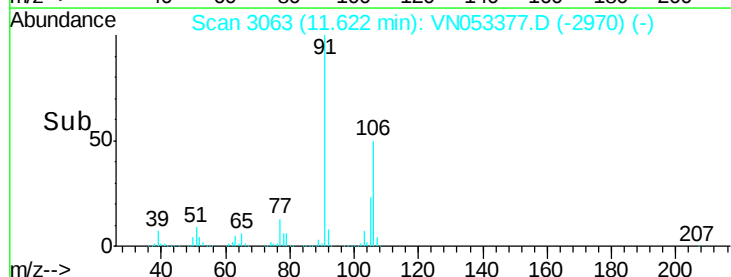
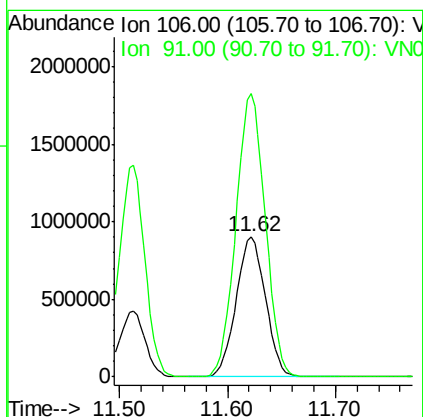
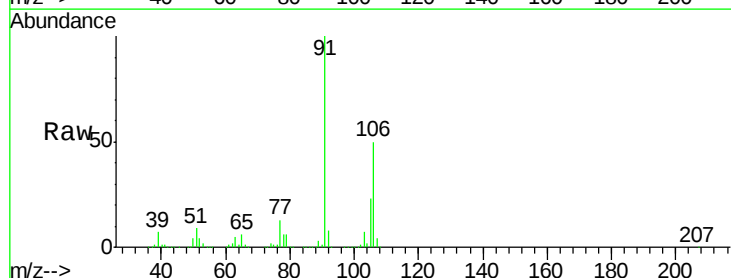
#67
Ethyl Benzene
Concen: 51.152 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

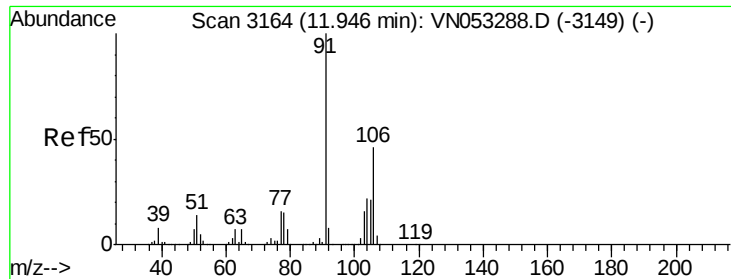
Tot Ion: 91 Resp: 2258476
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 102.908 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

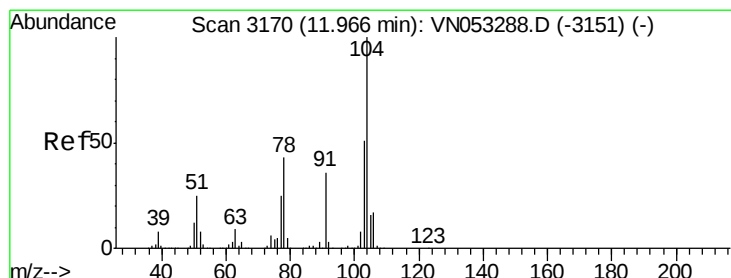
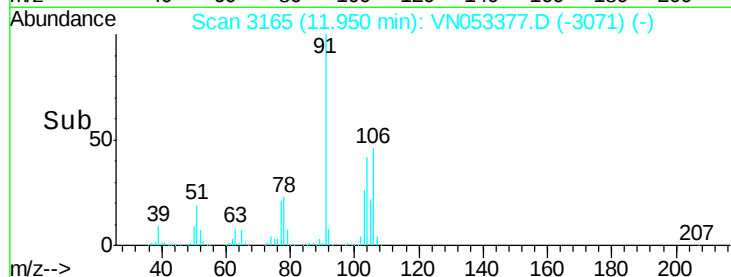
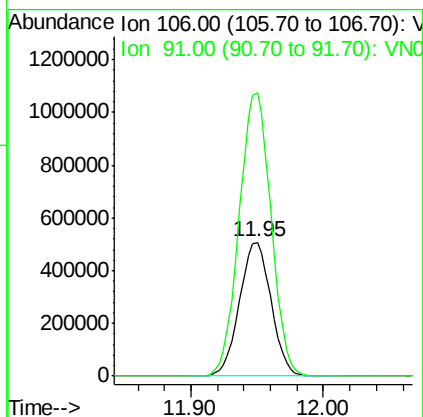
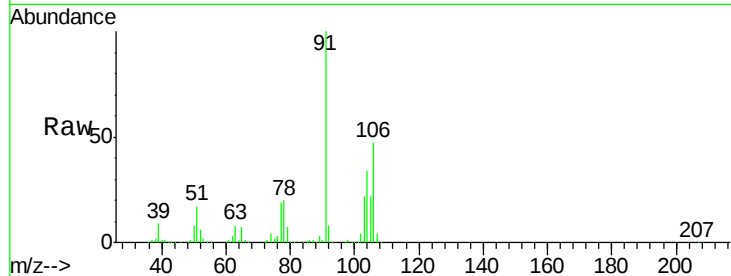
Tgt Ion: 106 Resp: 1708538
Ion Ratio Lower Upper
106 100
91 202.3 161.4 242.2





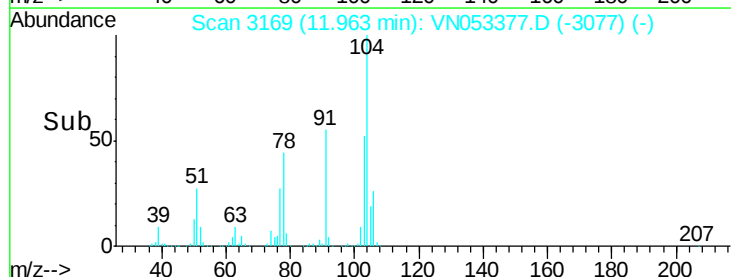
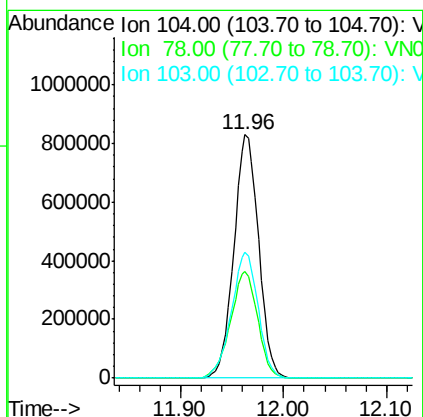
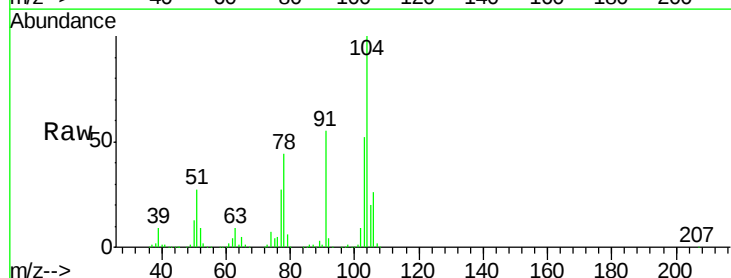
#69
o-Xylene
Concen: 51.732 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

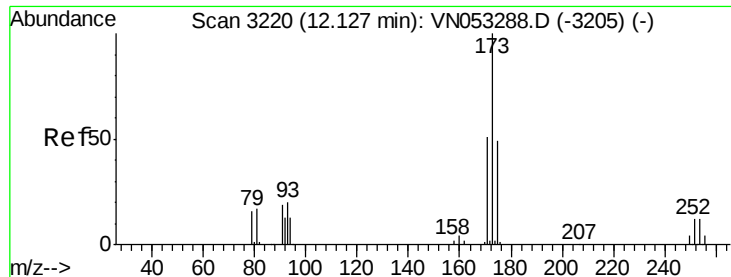
Tot Ion:106 Resp: 840850
Ion Ratio Lower Upper
106 100
91 213.2 106.8 320.4



#70
Styrene
Concen: 52.468 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

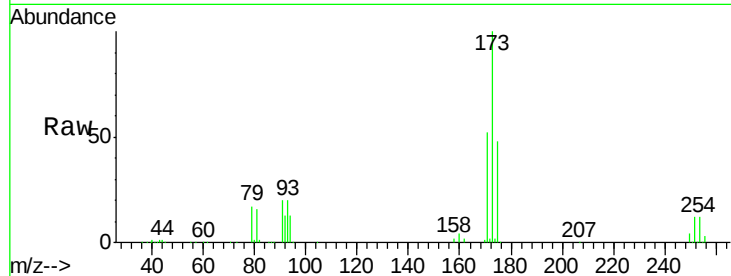
Tgt Ion:104 Resp: 1387957
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.7 44.5 66.7



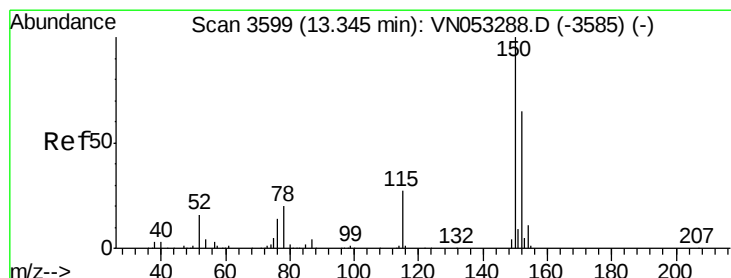
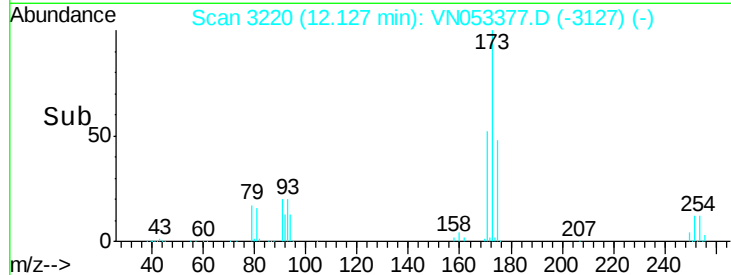
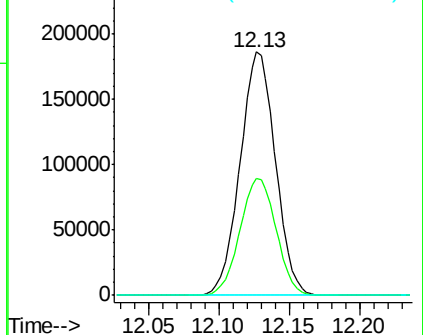


#71
 Bromoform
 Concen: 50.828 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tot Ion:173 Resp: 326516
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.3 72.8
 254 0.1 0.2 0.2#

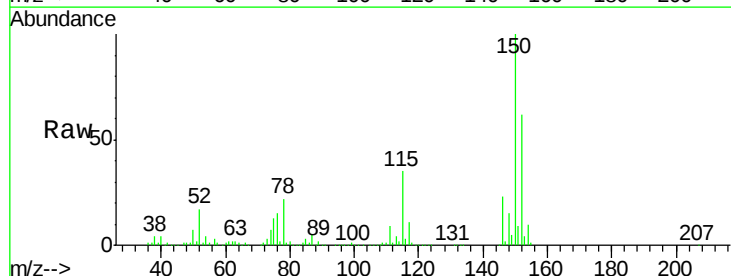


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

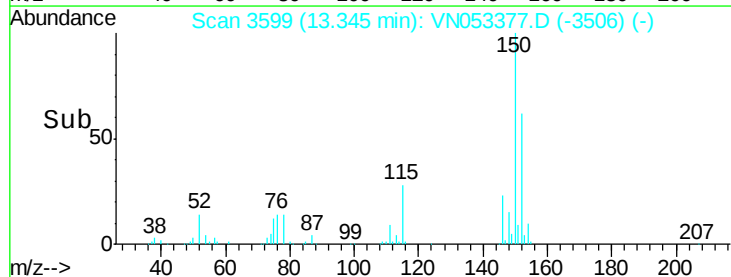
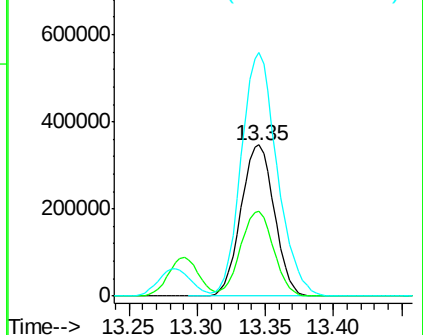


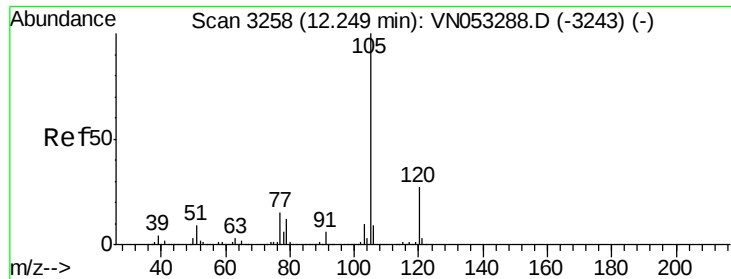
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion:152 Resp: 587965
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.0 84.0
 150 173.6 0.0 346.6



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: 50.671 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053377.D

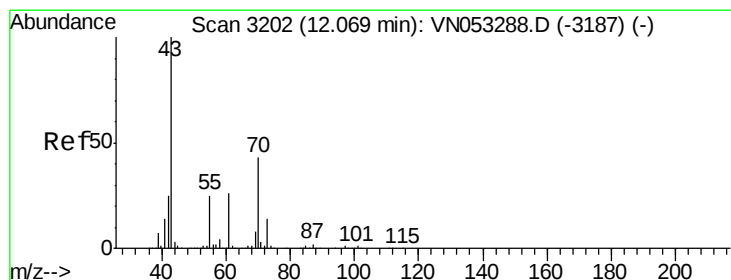
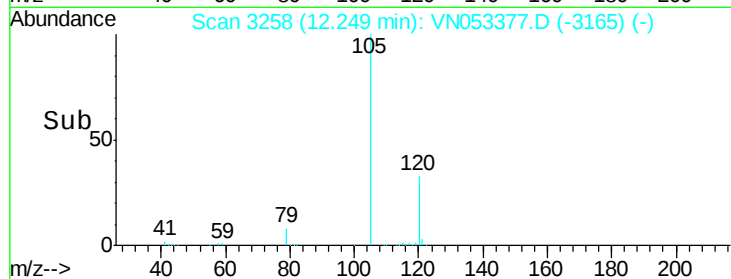
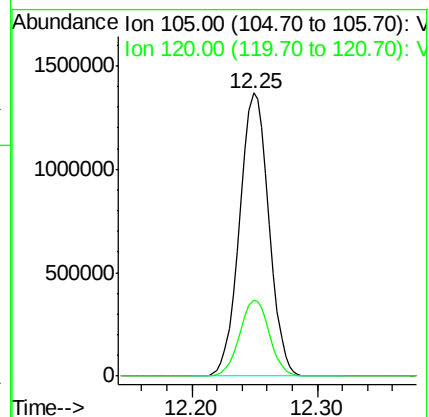
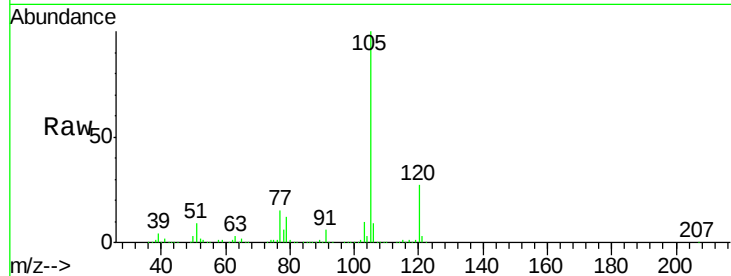
Acq: 11 Jan 2019 20:14

Tot Ion:105 Resp: 2218144

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 51.305 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tgt Ion: 43 Resp: 670648

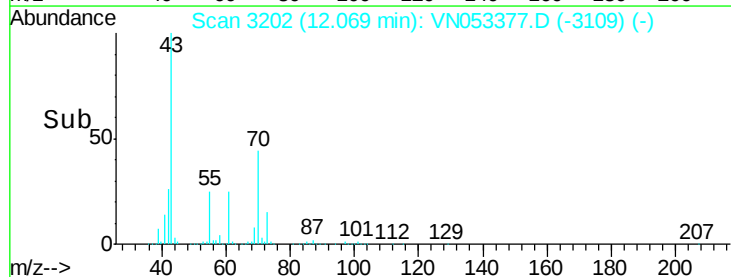
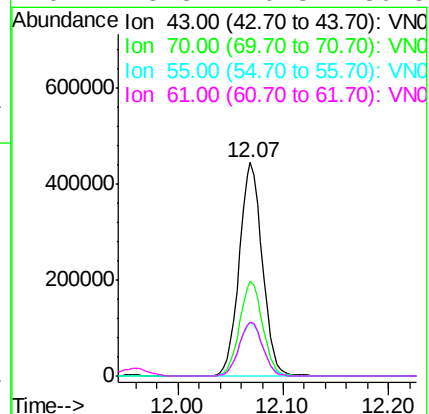
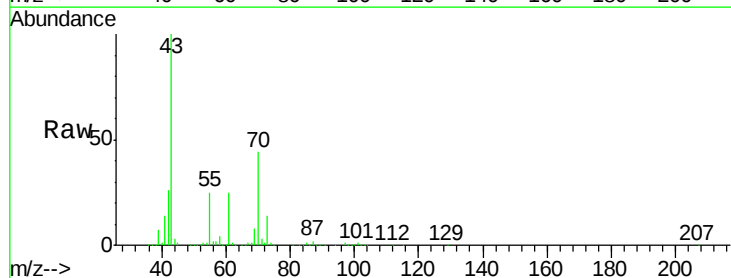
Ion Ratio Lower Upper

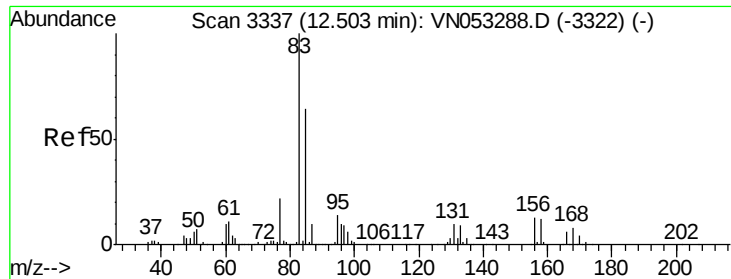
43 100

70 44.5 35.0 52.6

55 25.8 20.0 30.0

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.629 ug/l

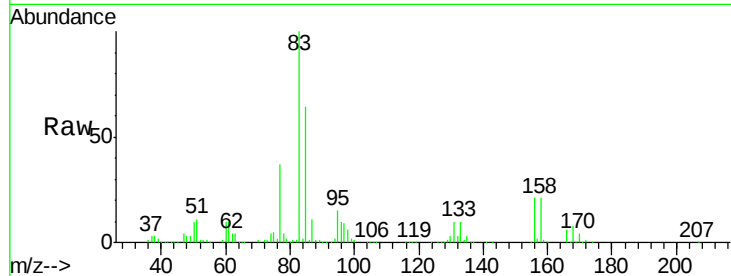
RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

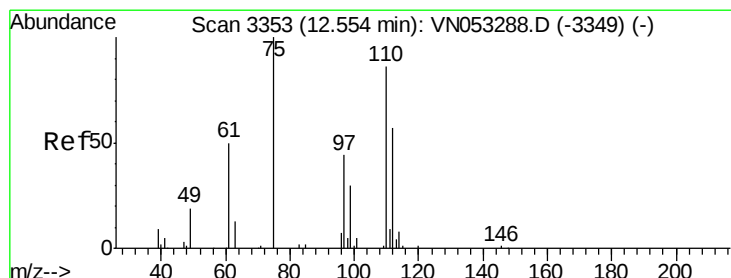
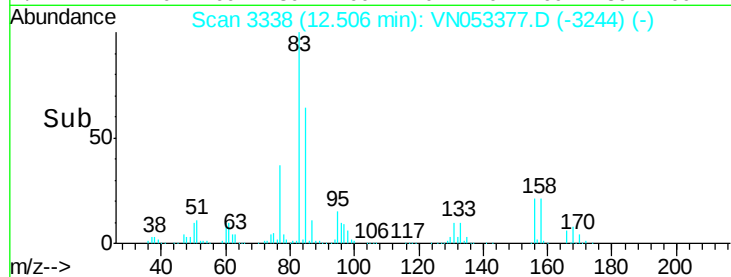
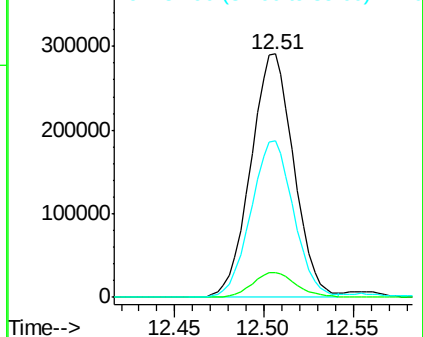
Tot Ion:	83	Resp:	489690
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.9
85	64.2	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN053377.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053377.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053377.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 51.860 ug/l m

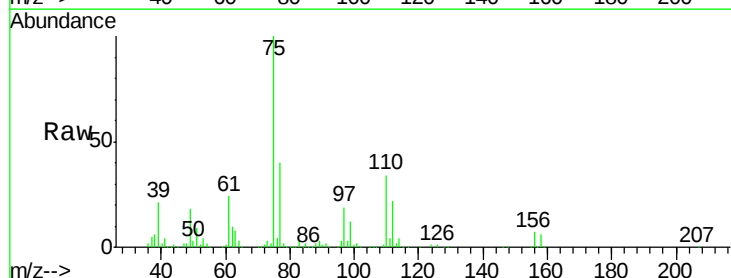
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053377.D

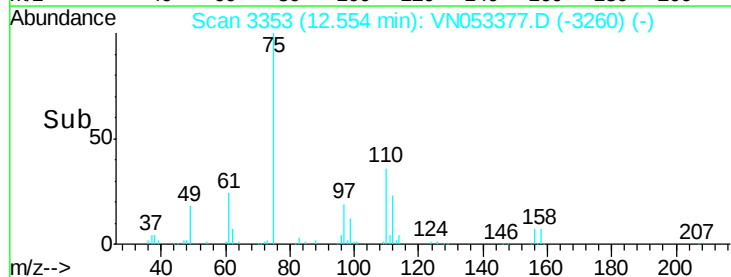
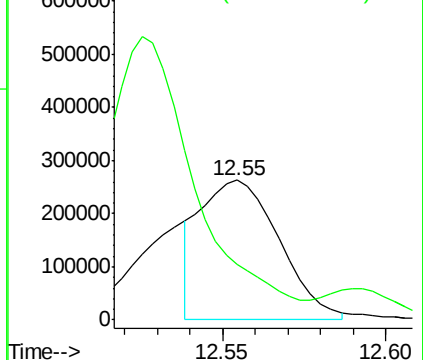
Acq: 11 Jan 2019 20:14

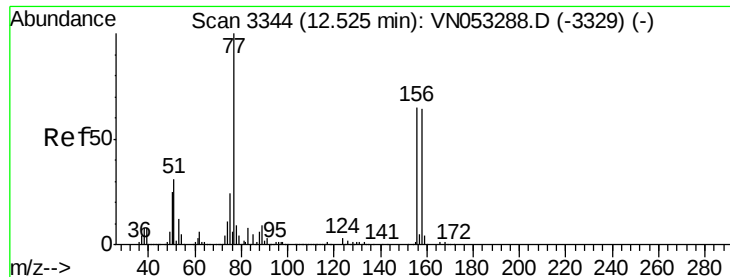
Tgt Ion:	75	Resp:	444737
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053377.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053377.D (-3260) (-)





#77

Bromobenzene

Concen: 49.915 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

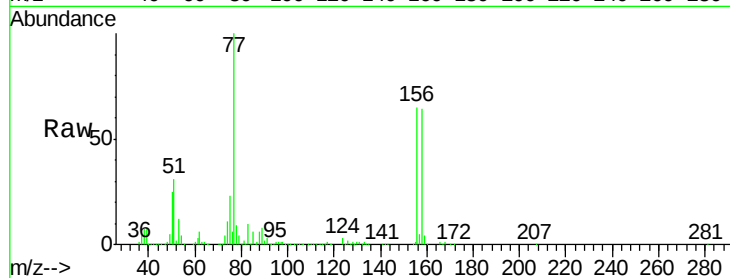
Tot Ion:156 Resp: 583184

Ion Ratio Lower Upper

156 100

77 179.3 89.3 268.1

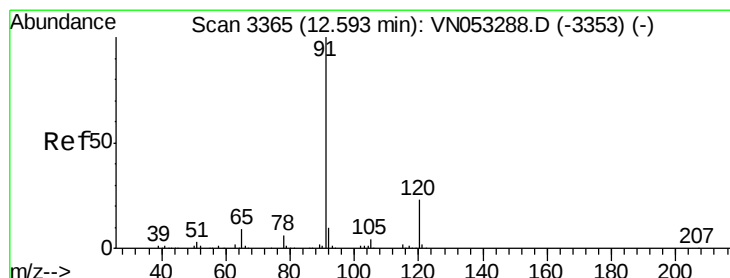
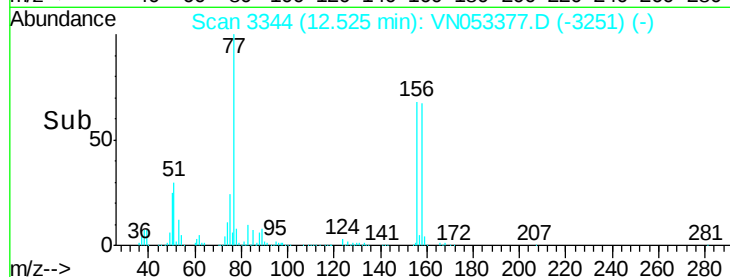
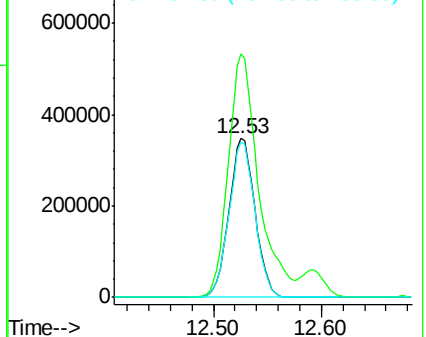
158 97.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.396 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053377.D

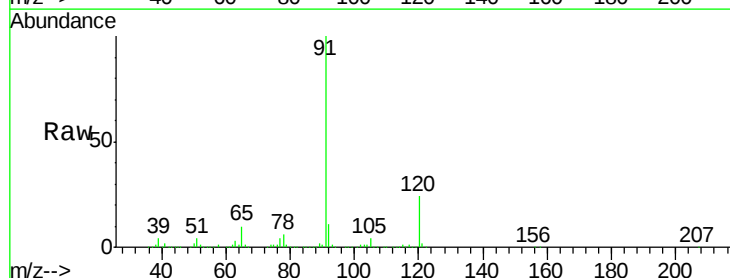
Acq: 11 Jan 2019 20:14

Tgt Ion: 91 Resp: 2544958

Ion Ratio Lower Upper

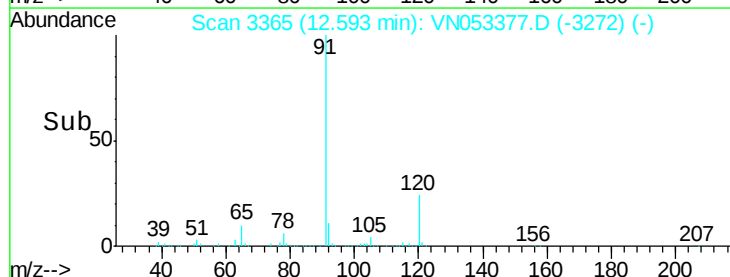
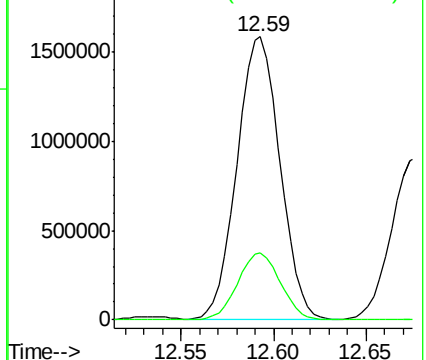
91 100

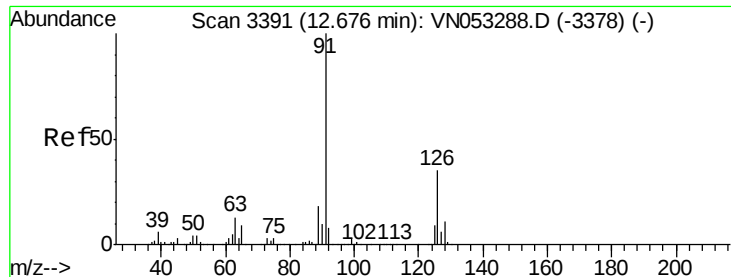
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.033 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053377.D

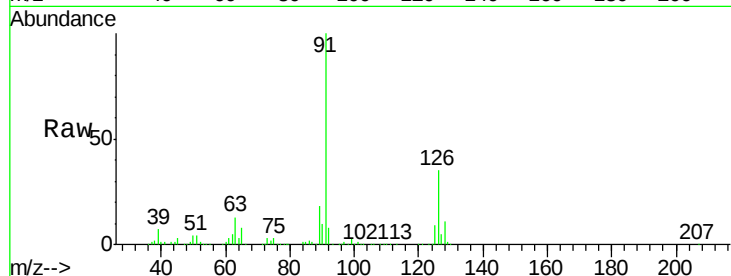
Acq: 11 Jan 2019 20:14

Tot Ion: 91 Resp: 1499082

Ion Ratio Lower Upper

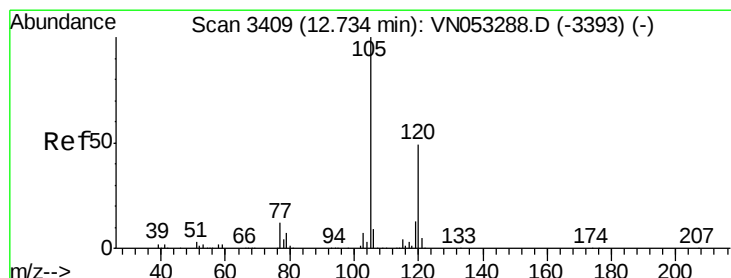
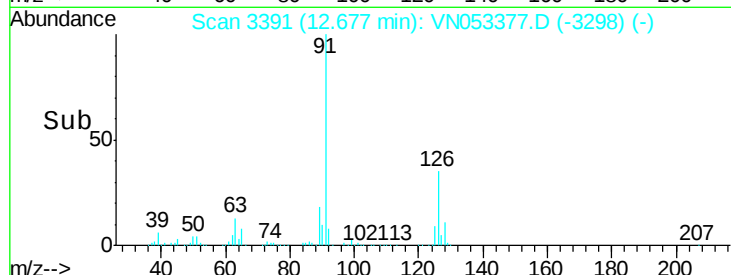
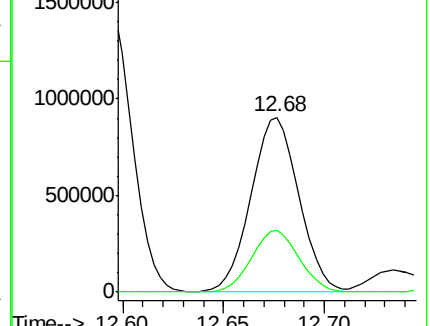
91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN053288.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053288.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.526 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053377.D

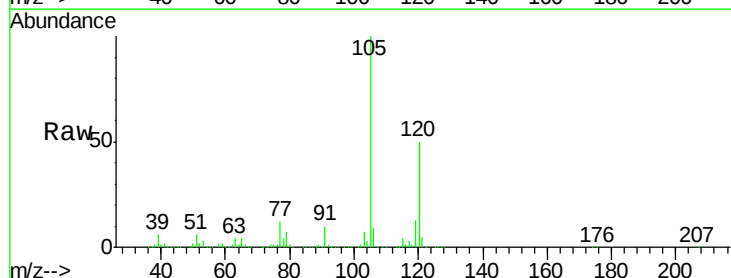
Acq: 11 Jan 2019 20:14

Tgt Ion: 105 Resp: 1816886

Ion Ratio Lower Upper

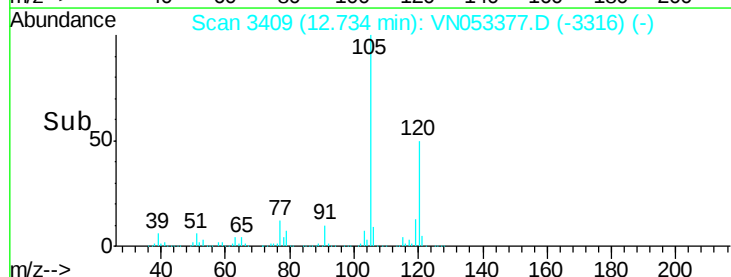
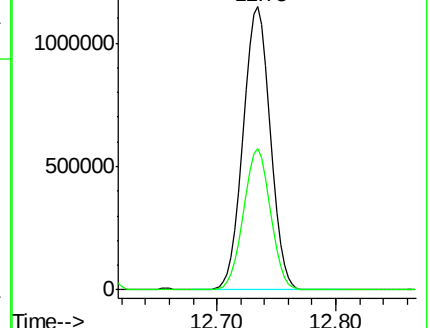
105 100

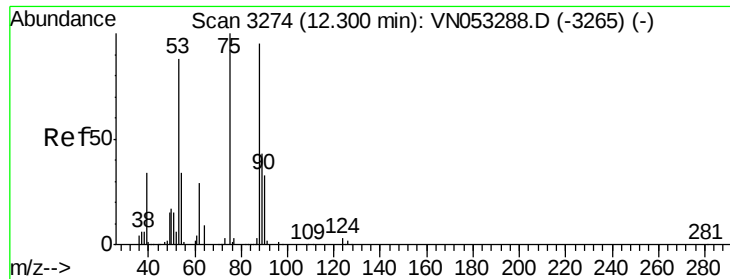
120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN053288.D (-3393) (-)

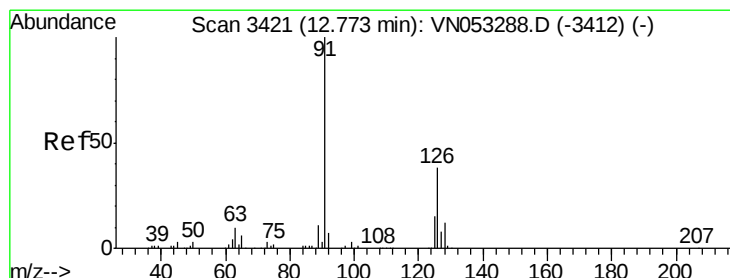
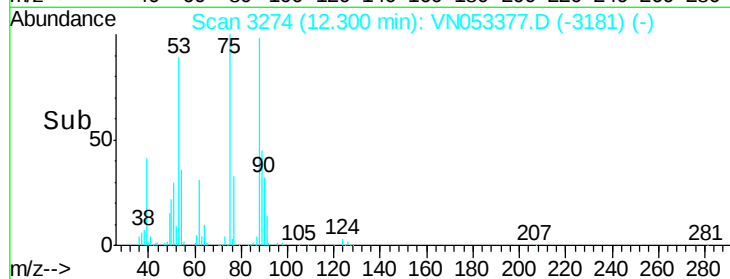
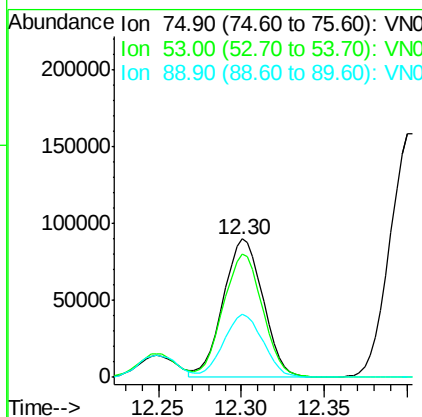
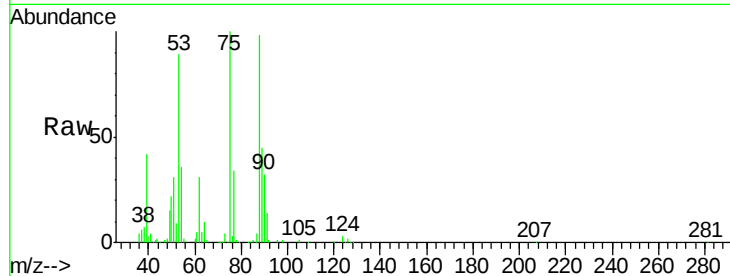
Ion 120.00 (119.70 to 120.70): VN053288.D (-3393) (-)





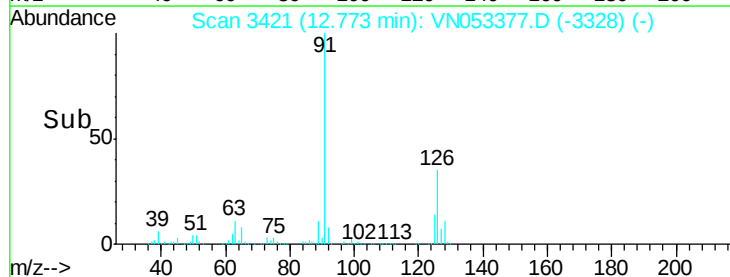
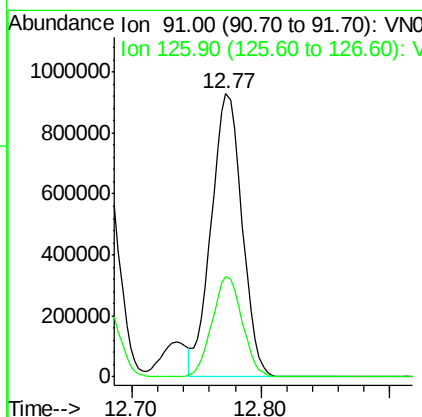
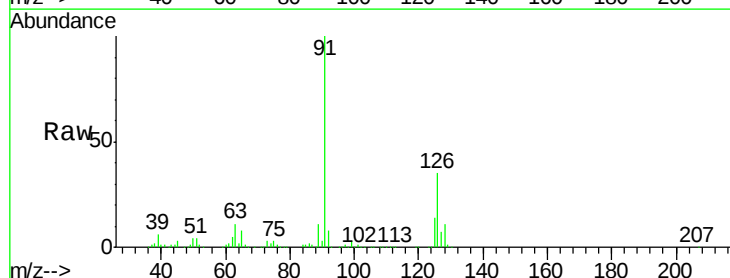
#81
trans-1,4-Dichloro-2-butene
Concen: 51.826 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

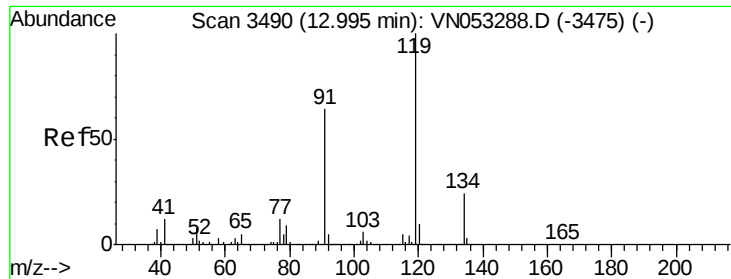
Tot Ion: 75 Resp: 151063
Ion Ratio Lower Upper
75 100
53 88.2 70.5 105.7
89 44.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 50.034 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

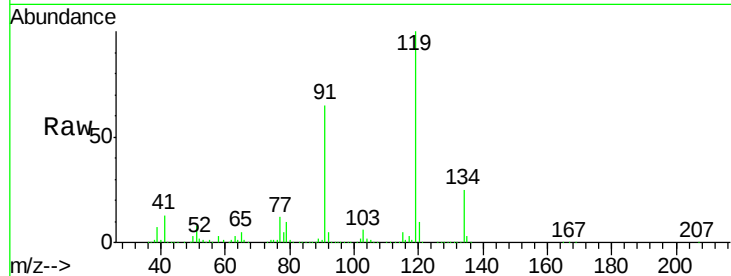
Tgt Ion: 91 Resp: 1537181
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2



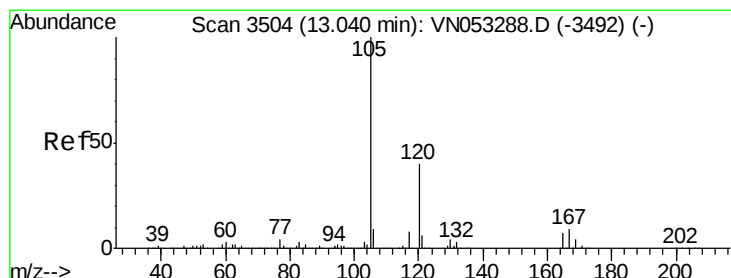
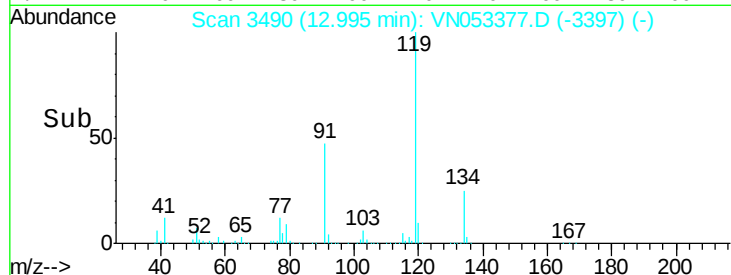
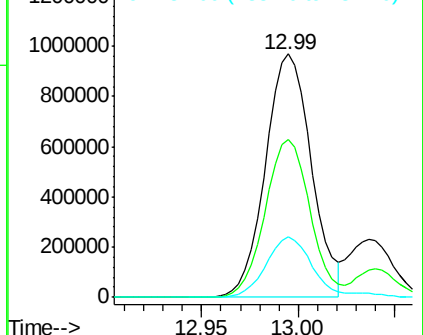


#83
 tert-Butylbenzene
 Concen: 51.771 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tot Ion:119 Resp: 1601663
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.6 95.0
 134 25.8 12.9 38.6

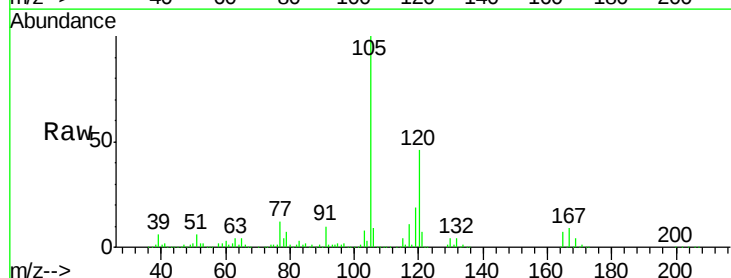


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

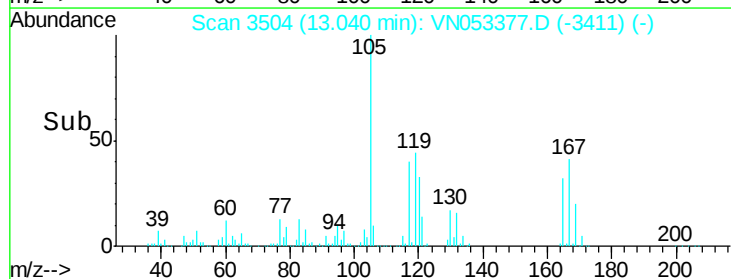
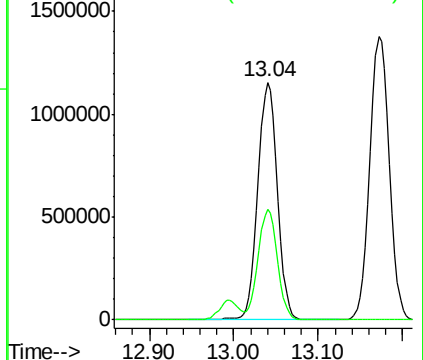


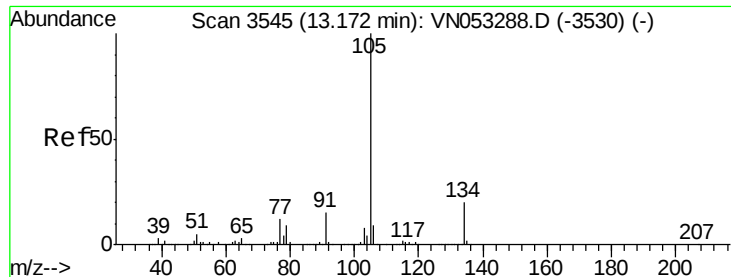
#84
 1,2,4-Trimethylbenzene
 Concen: 51.617 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion:105 Resp: 1854245
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 53.861 ug/l

RT: 13.17 min Scan# 3545

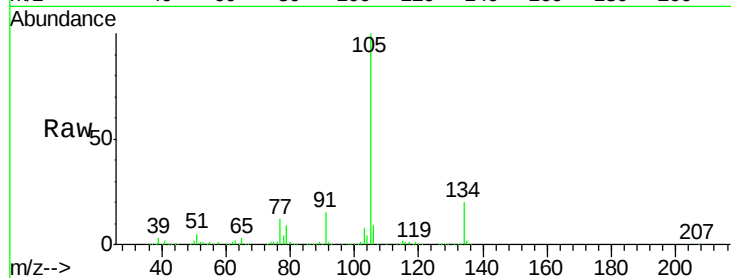
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tot Ion:105 Resp: 2197539

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.6

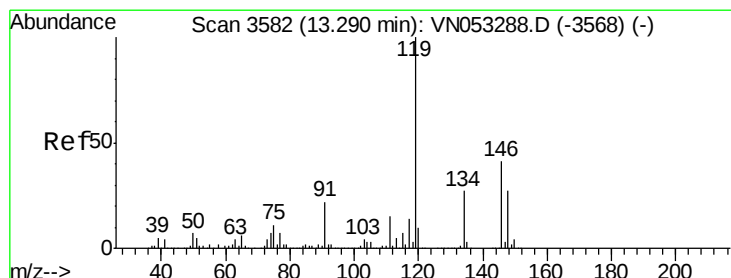
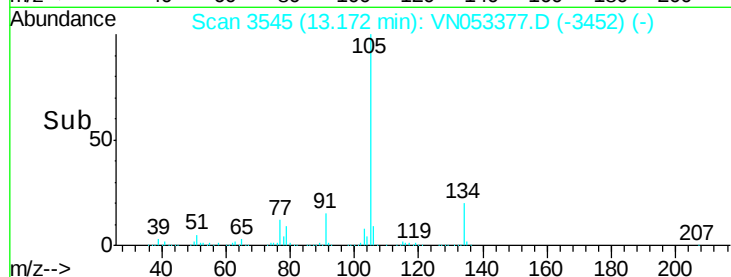


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

Time-->



#86

p-Isopropyltoluene

Concen: 53.820 ug/l

RT: 13.29 min Scan# 3582

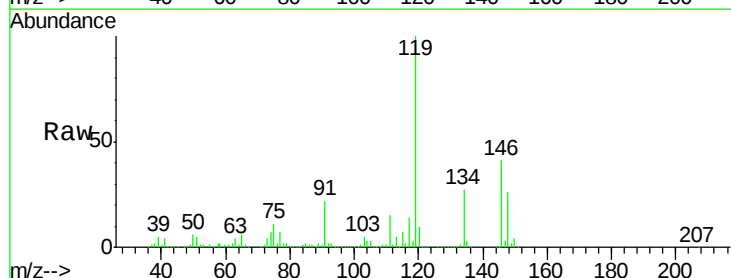
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tgt Ion:119 Resp: 1901201

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	22.0	11.1	33.1



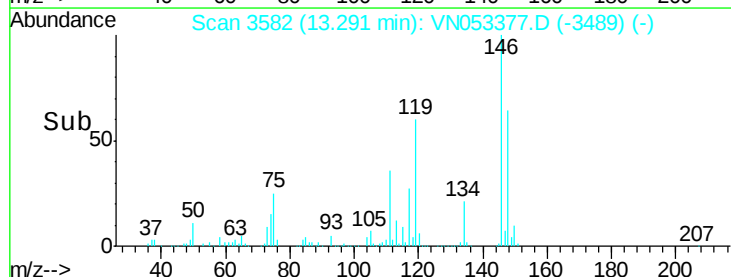
Abundance Ion 119.00 (118.70 to 119.70): V

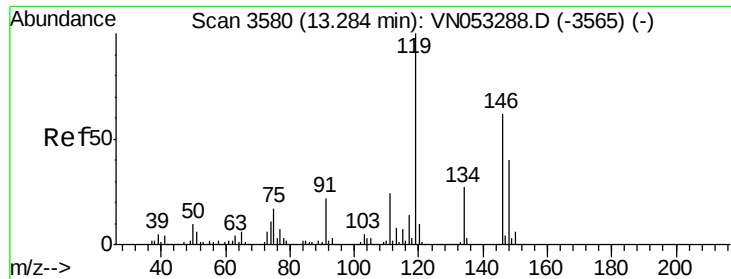
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.752 ug/l

RT: 13.28 min Scan# 3580

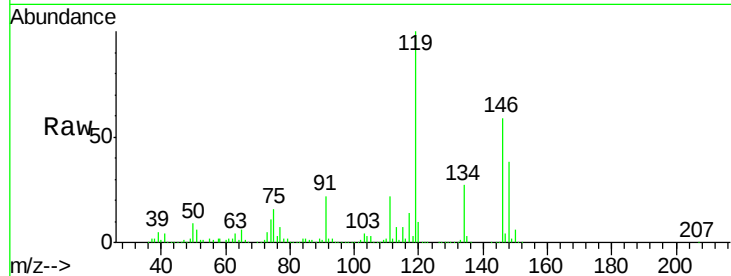
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tot Ion:146 Resp: 1023641

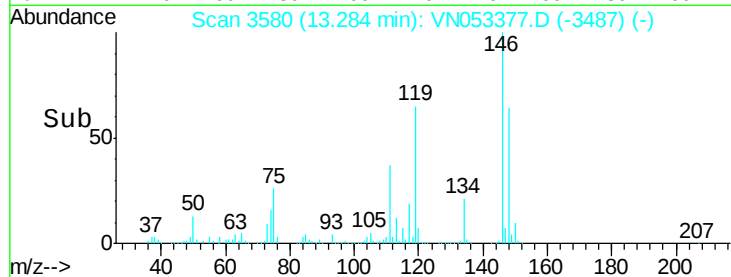
Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.4	32.0	96.2



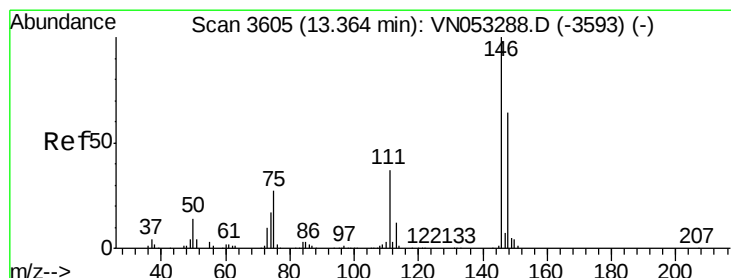
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time--> 13.20 13.25 13.30 13.35



#88

1,4-Dichlorobenzene

Concen: 49.961 ug/l

RT: 13.36 min Scan# 3605

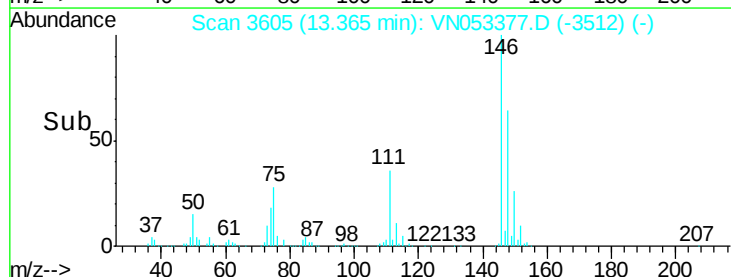
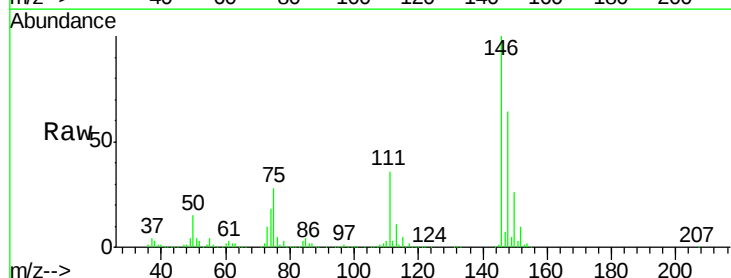
Delta R.T. 0.00 min

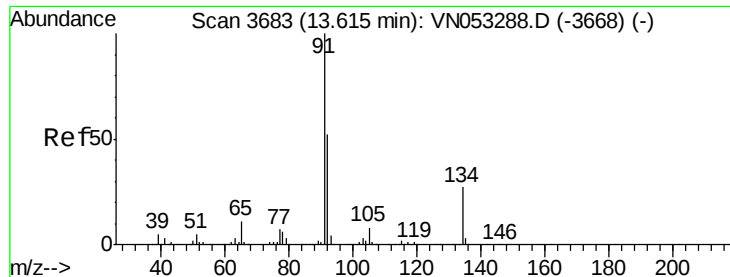
Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tgt Ion:146 Resp: 1019696

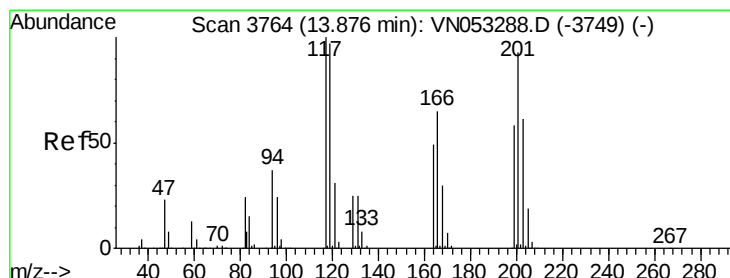
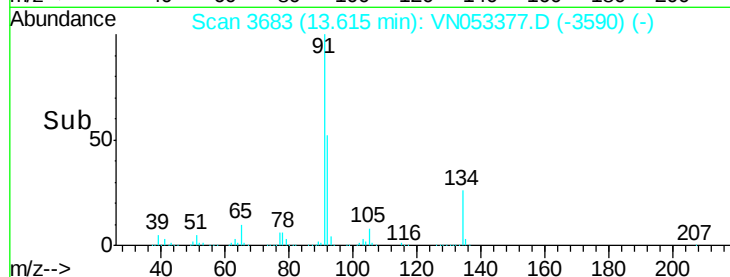
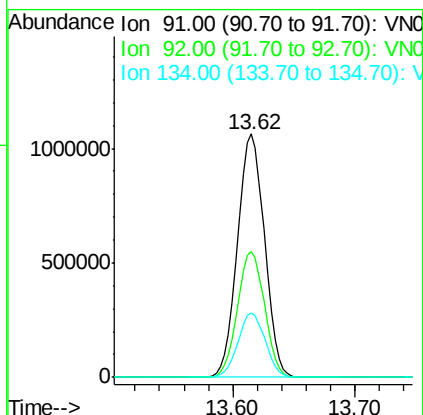
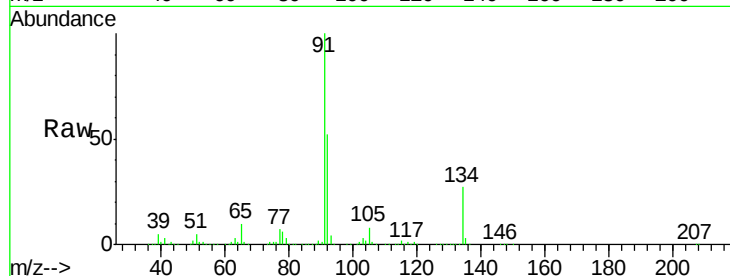
Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.6	55.8
148	64.3	32.0	96.0





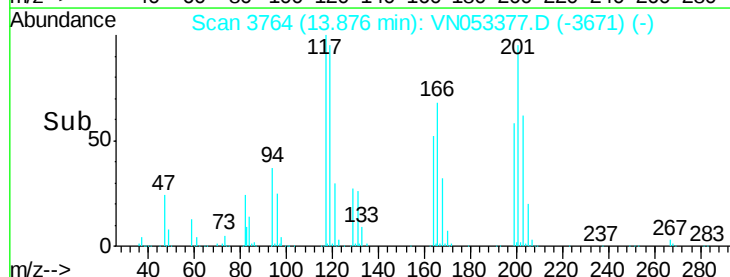
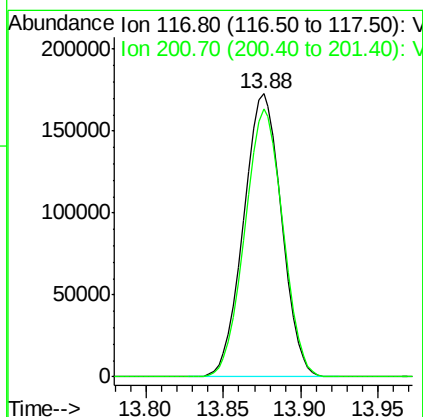
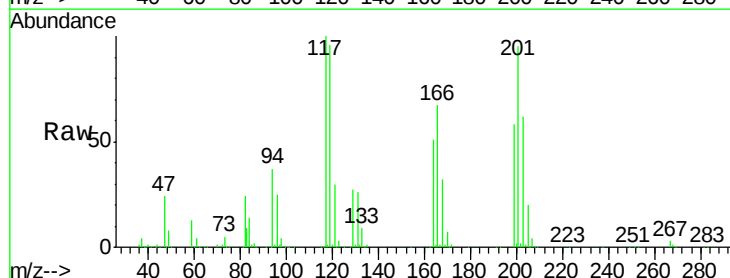
#89
n-Butylbenzene
Concen: 54.768 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

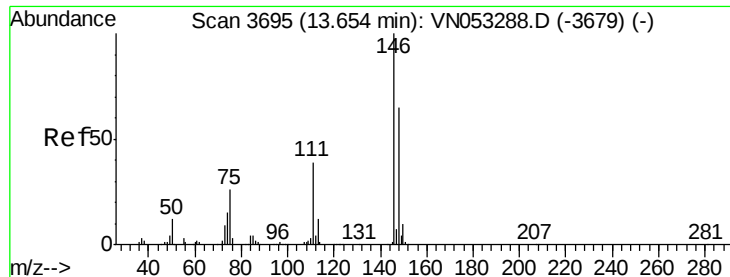
Tot Ion: 91 Resp: 1622055
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.8
134 26.6 13.5 40.5



#90
Hexachloroethane
Concen: 52.287 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053377.D
Acq: 11 Jan 2019 20:14

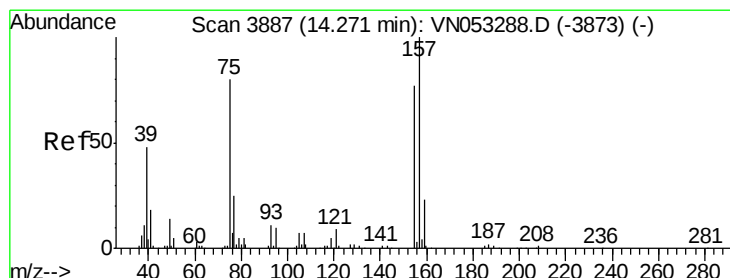
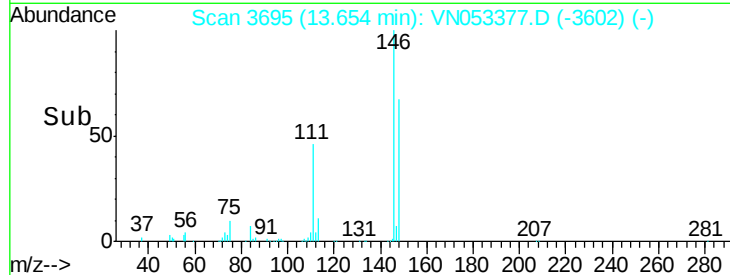
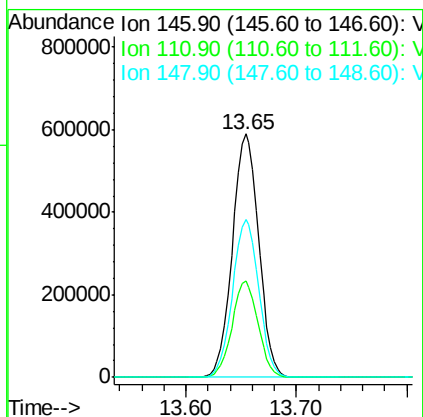
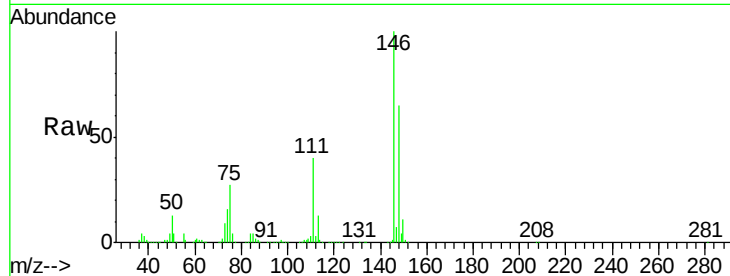
Tgt Ion: 117 Resp: 296048
Ion Ratio Lower Upper
117 100
201 94.6 46.1 138.3





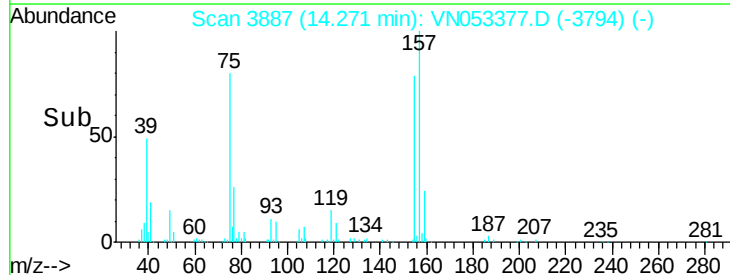
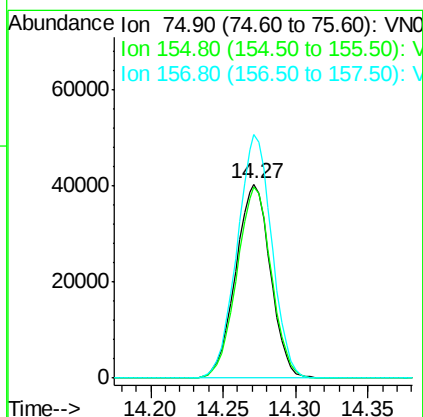
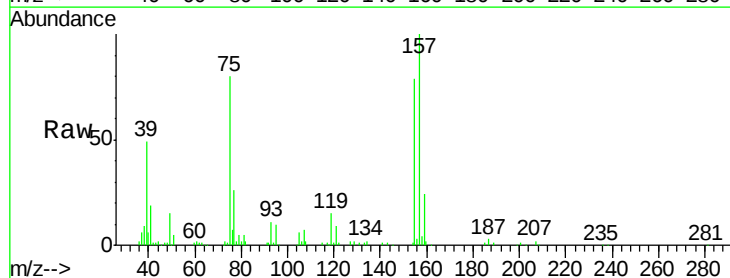
#91
 1,2-Dichlorobenzene
 Concen: 50.614 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

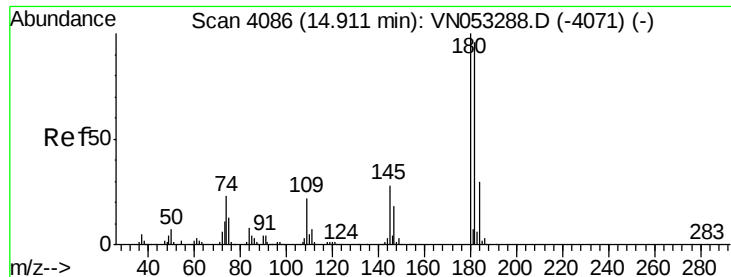
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.7	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.918 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

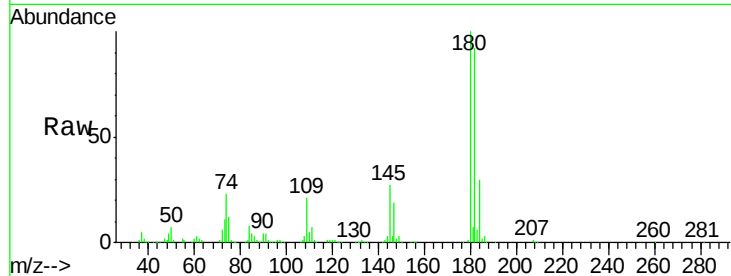
Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	48.1	144.3
157	125.0	61.5	184.4



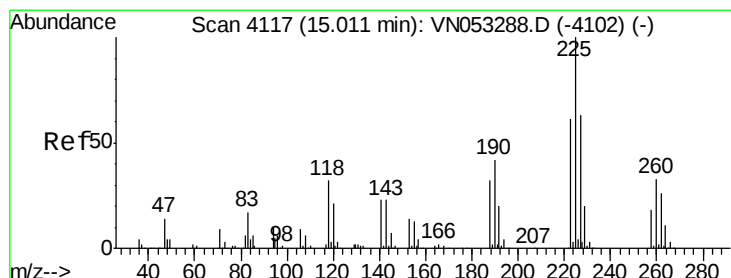
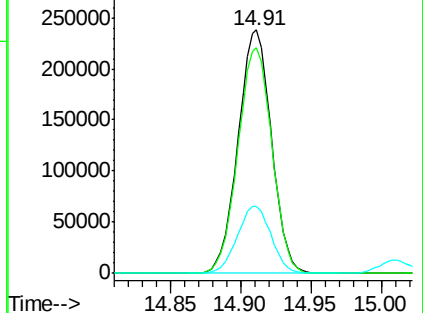
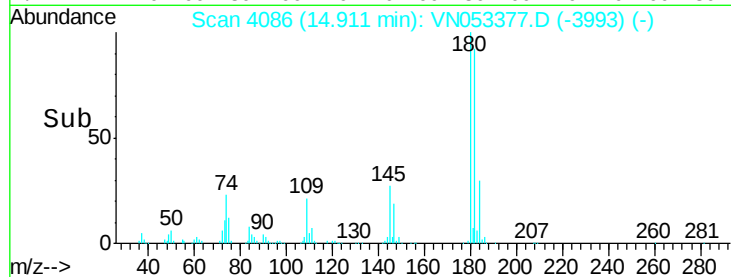


#93
 1,2,4-Trichlorobenzene
 Concen: 65.077 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	27.9	14.4	43.0

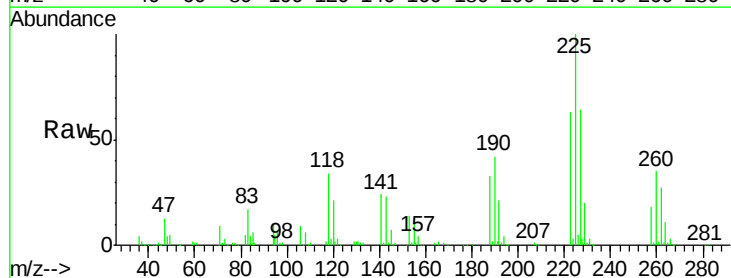


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

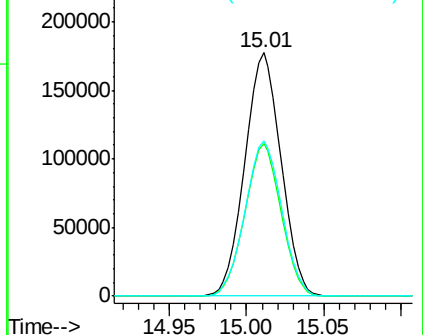
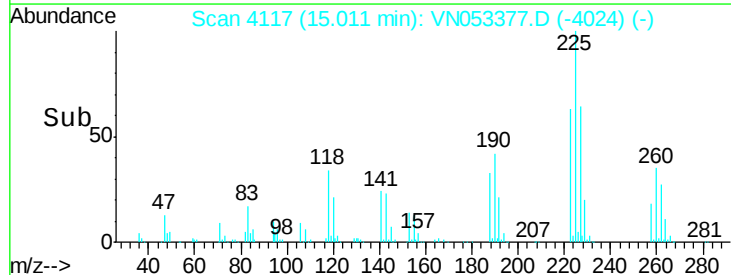


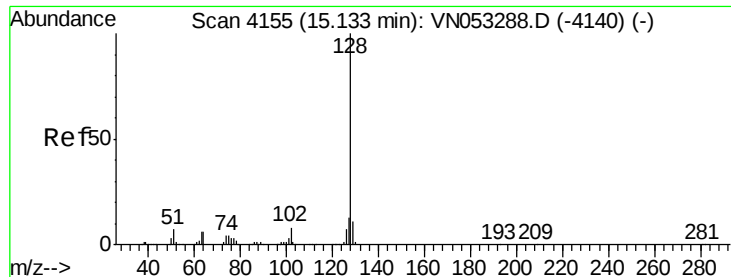
#94
 Hexachlorobutadiene
 Concen: 58.537 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053377.D
 Acq: 11 Jan 2019 20:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.8
227	64.4	31.4	94.2



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: 68.459 ug/l

RT: 15.13 min Scan# 4155

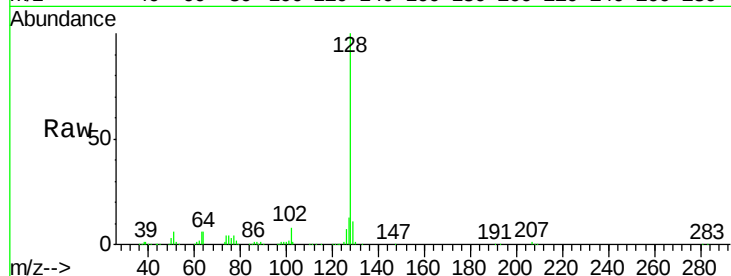
Delta R.T. 0.00 min

Lab File: VN053377.D

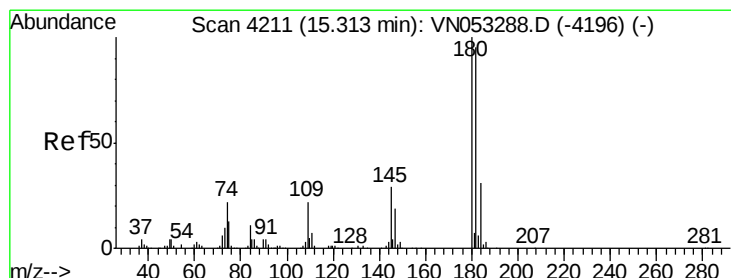
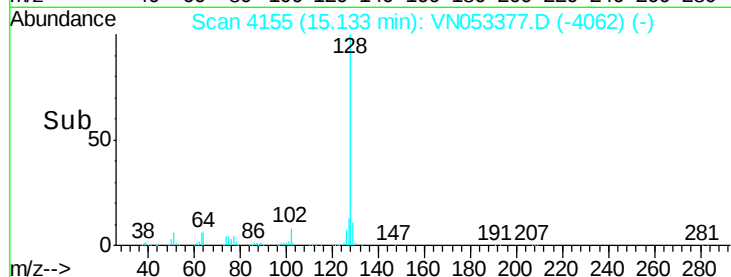
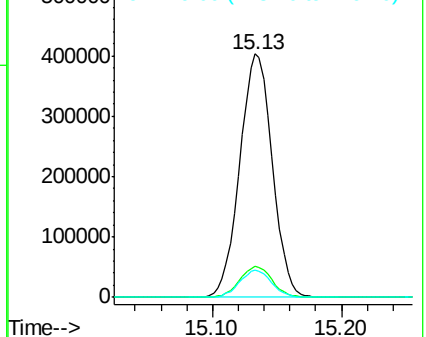
Acq: 11 Jan 2019 20:14

Tot Ion:128 Resp: 707696

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.7	13.1



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: 72.022 ug/l

RT: 15.32 min Scan# 4212

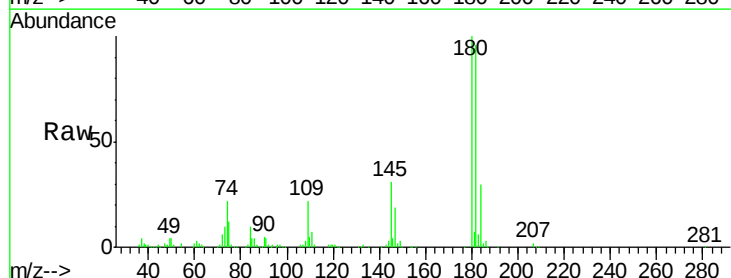
Delta R.T. 0.00 min

Lab File: VN053377.D

Acq: 11 Jan 2019 20:14

Tgt Ion:180 Resp: 285737

Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.0
145	29.5	14.9	44.5



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

