

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053434.D
 Acq On : 17 Jan 2019 14:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Quant Time: Jan 18 00:09:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	815085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1186932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1084365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	554330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	408709	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	364298	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.09	98	1491829	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	530818	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	322750	49.250	ug/l 99
3) Chloromethane	2.06	50	436324	46.568	ug/l 98
4) Vinyl Chloride	2.19	62	427928	47.380	ug/l 98
5) Bromomethane	2.57	94	291353	47.014	ug/l 99
6) Chloroethane	2.71	64	255358	46.764	ug/l 98
7) Trichlorofluoromethane	3.02	101	583115	49.359	ug/l 98
8) Diethyl Ether	3.41	74	223711	50.419	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	378659	50.611	ug/l 99
10) Methyl Iodide	3.96	142	555795	48.612	ug/l 100
11) Tert butyl alcohol	4.77	59	120224	304.973	ug/l 100
12) 1,1-Dichloroethene	3.74	96	355757	49.024	ug/l 99
13) Acrolein	3.61	56	150291	200.345	ug/l 99
14) Allyl chloride	4.33	41	551169	46.759	ug/l 95
15) Acrylonitrile	4.98	53	690015	265.968	ug/l 100
16) Acetone	3.81	43	518763	274.455	ug/l 98
17) Carbon Disulfide	4.06	76	1038365	47.317	ug/l 100
18) Methyl Acetate	4.32	43	331016	51.979	ug/l 100
19) Methyl tert-butyl Ether	5.04	73	984800	51.074	ug/l 99
20) Methylene Chloride	4.55	84	411080	47.636	ug/l 99
21) trans-1,2-Dichloroethene	5.05	96	383066	49.375	ug/l 98
22) Diisopropyl ether	5.95	45	1240266	50.402	ug/l 98
23) Vinyl Acetate	5.90	43	3996996	264.239	ug/l 100
24) 1,1-Dichloroethane	5.85	63	719356	49.451	ug/l 100
25) 2-Butanone	6.83	43	816208	280.218	ug/l 100
26) 2,2-Dichloropropane	6.83	77	545699	49.685	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	445243	50.186	ug/l 99
28) Bromochloromethane	7.20	49	313102	48.857	ug/l 99
29) Tetrahydrofuran	7.21	42	515594	271.907	ug/l 99
30) Chloroform	7.37	83	705791	49.797	ug/l 100
31) Cyclohexane	7.65	56	681447	48.127	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	595275	49.511	ug/l 100
36) 1,1-Dichloropropene	7.79	75	559496	51.759	ug/l 100
37) Ethyl Acetate	6.93	43	344381	55.375	ug/l 99
38) Carbon Tetrachloride	7.78	117	530083	51.797	ug/l 98

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

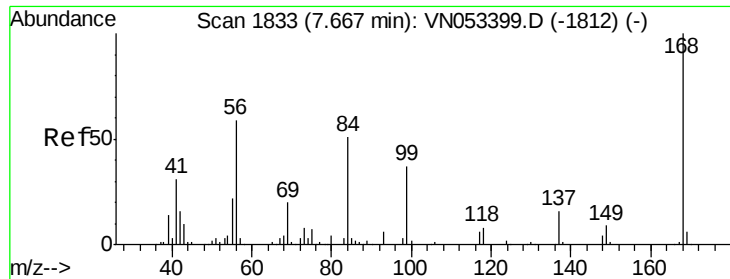
39) Methylcyclohexane	9.08	83	705129	52.777	ug/l	99
40) Benzene	8.04	78	1666787	50.742	ug/l	100
41) Methacrylonitrile	7.18	41	203719	55.059	ug/l	97
42) 1,2-Dichloroethane	8.12	62	491644	51.375	ug/l	99
43) Isopropyl Acetate	8.16	43	615208	55.015	ug/l	100
44) Trichloroethene	8.84	130	467672	51.340	ug/l	99
45) 1,2-Dichloropropane	9.12	63	440885	50.674	ug/l	98
46) Dibromomethane	9.21	93	258294	51.672	ug/l	99
47) Bromodichloromethane	9.40	83	548308	52.159	ug/l	100
48) Methyl methacrylate	9.20	41	307538	53.264	ug/l	99
49) 1,4-Dioxane	9.20	88	70799	1255.555	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1737249	284.585	ug/l	99
52) Toluene	10.16	92	1048986	51.439	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	568136	53.320	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	656877	52.589	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	374570	53.276	ug/l	99
56) Ethyl methacrylate	10.43	69	495040	49.630	ug/l	99
57) 1,3-Dichloropropane	10.71	76	638592	52.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1312351	266.813	ug/l	99
59) 2-Hexanone	10.75	43	1242809	290.017	ug/l	99
60) Dibromochloromethane	10.90	129	426138	53.439	ug/l	100
61) 1,2-Dibromoethane	11.01	107	379752	53.407	ug/l	99
64) Tetrachloroethene	10.63	164	529202	51.786	ug/l	99
65) Chlorobenzene	11.43	112	1175261	51.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	415884	52.084	ug/l	98
67) Ethyl Benzene	11.51	91	2046037	52.306	ug/l	100
68) m/p-Xylenes	11.62	106	1573626	106.552	ug/l	100
69) o-Xylene	11.95	106	758087	52.826	ug/l	100
70) Styrene	11.96	104	1262792	54.219	ug/l	100
71) Bromoform	12.13	173	306039	55.673	ug/l #	100
73) Isopropylbenzene	12.25	105	2044716	50.370	ug/l	100
74) N-amyl acetate	12.07	43	578868	53.493	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	428535	50.335	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	601945	82.402	ug/l #	100
77) Bromobenzene	12.53	156	536473	50.154	ug/l	99
78) n-propylbenzene	12.59	91	2410966	51.741	ug/l	99
79) 2-Chlorotoluene	12.68	91	1383287	50.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1709768	51.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	140749	48.824	ug/l	98
82) 4-Chlorotoluene	12.77	91	1440871	51.156	ug/l	100
83) tert-Butylbenzene	12.99	119	1492382	51.159	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1730297	51.957	ug/l	99
85) sec-Butylbenzene	13.17	105	2094459	52.352	ug/l	100
86) p-Isopropyltoluene	13.29	119	1842049	53.028	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	968650	51.481	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	966871	51.228	ug/l	99
89) n-Butylbenzene	13.62	91	1612134	54.445	ug/l	100
90) Hexachloroethane	13.88	117	288188	52.898	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	912913	52.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65482	60.659	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	438632	57.018	ug/l	99
94) Hexachlorobutadiene	15.01	225	312894	57.944	ug/l	100
95) Naphthalene	15.13	128	745286	55.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	324509	57.435	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053434.D

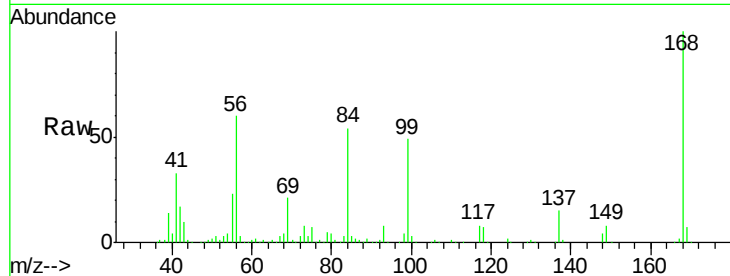
Acq: 17 Jan 2019 14:48

Tot Ion:168 Resp: 815085

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



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

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

7.67

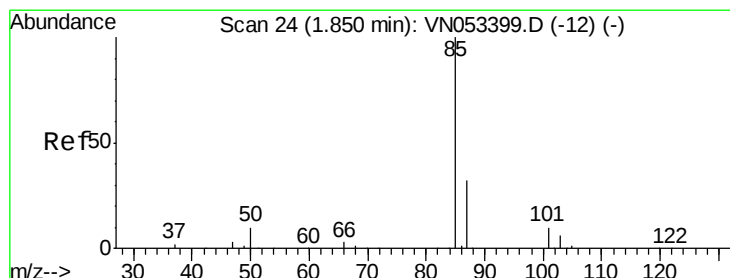
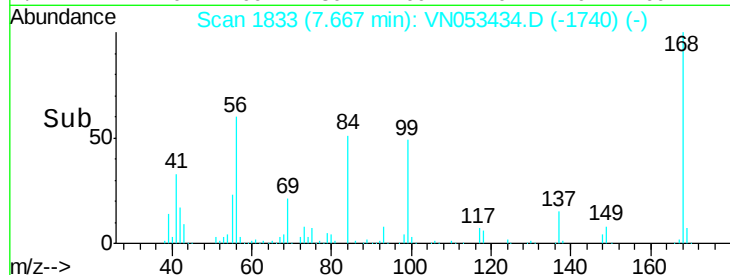
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.250 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053434.D

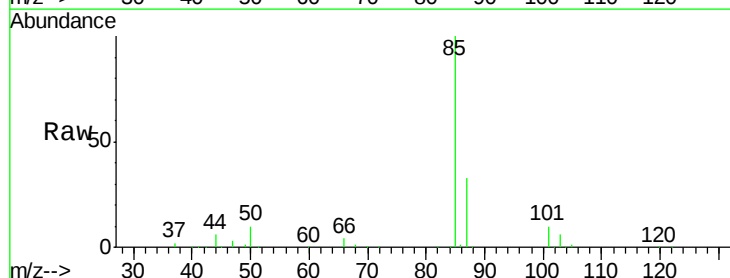
Acq: 17 Jan 2019 14:48

Tgt Ion: 85 Resp: 322750

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



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

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

1.85

250000

200000

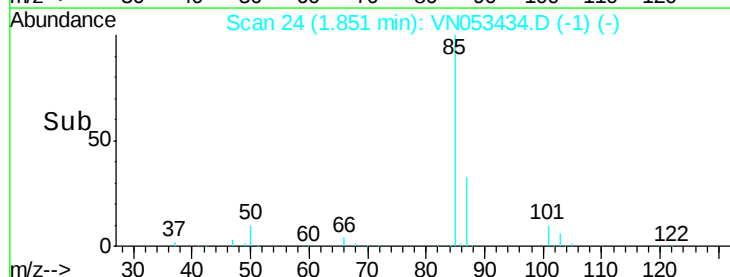
150000

100000

50000

0

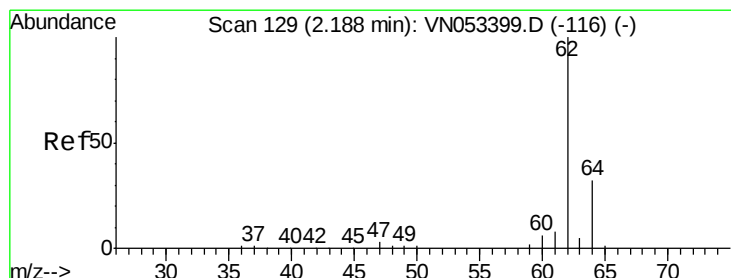
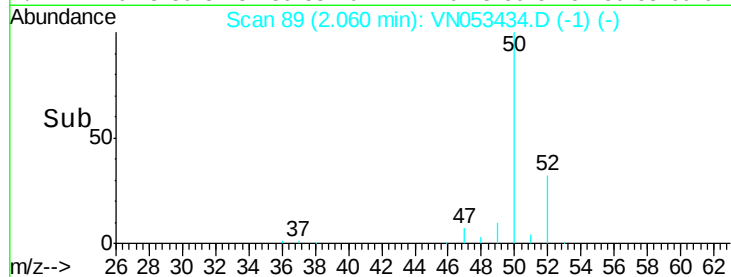
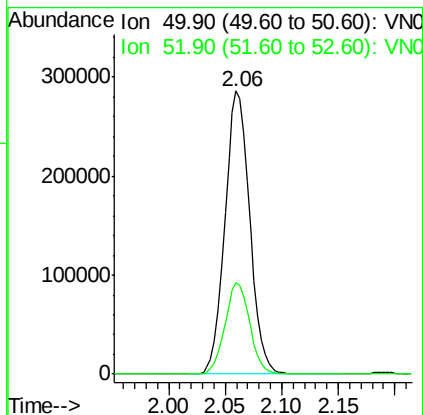
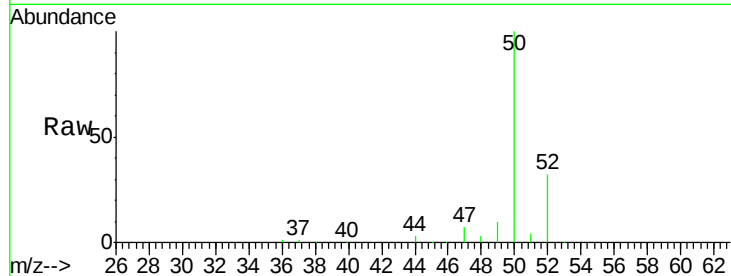
Time-->





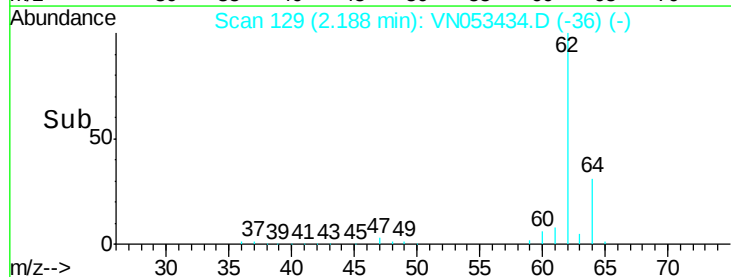
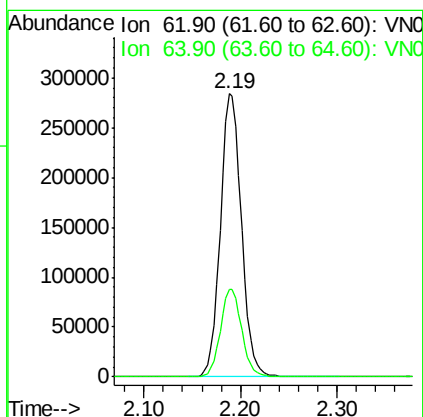
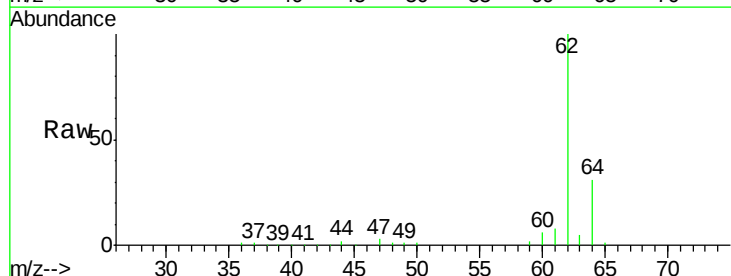
#3
 Chloromethane
 Concen: 46.568 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

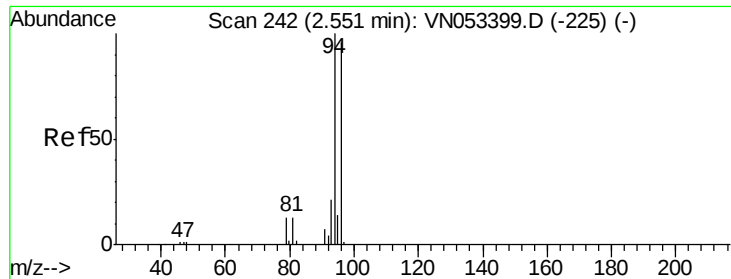
Tot Ion: 50 Resp: 436324
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.6 40.0



#4
 Vinyl Chloride
 Concen: 47.380 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tgt Ion: 62 Resp: 427928
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.4 38.2





#5

Bromomethane

Concen: 47.014 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.02 min

Lab File: VN053434.D

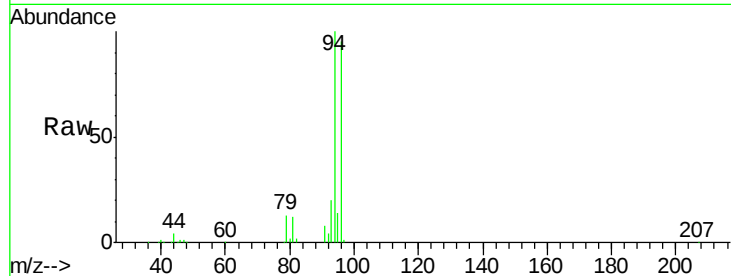
Acq: 17 Jan 2019 14:48

Tot Ion: 94 Resp: 291353

Ion Ratio Lower Upper

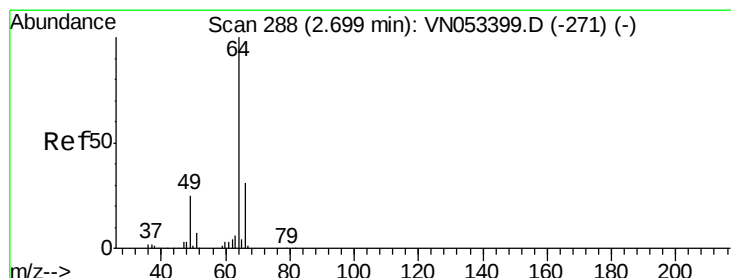
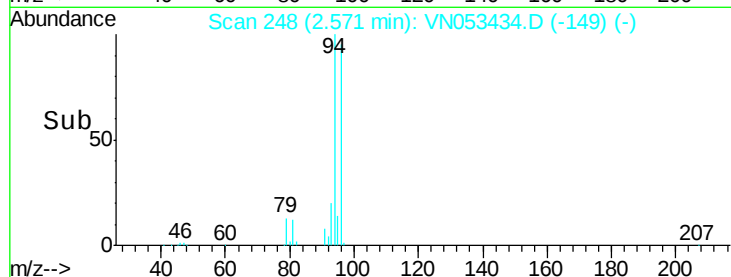
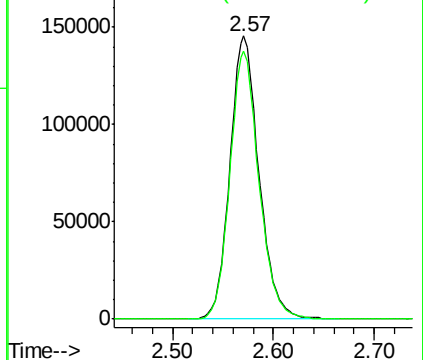
94 100

96 94.7 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.764 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN053434.D

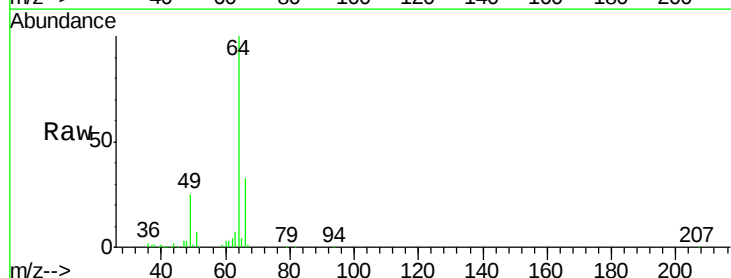
Acq: 17 Jan 2019 14:48

Tgt Ion: 64 Resp: 255358

Ion Ratio Lower Upper

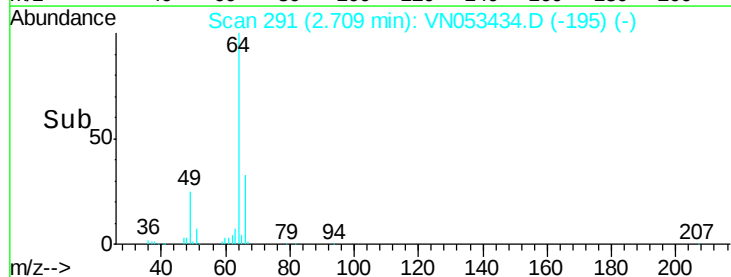
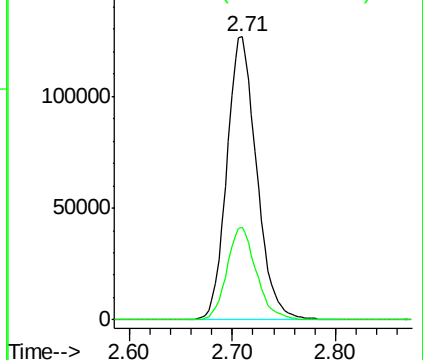
64 100

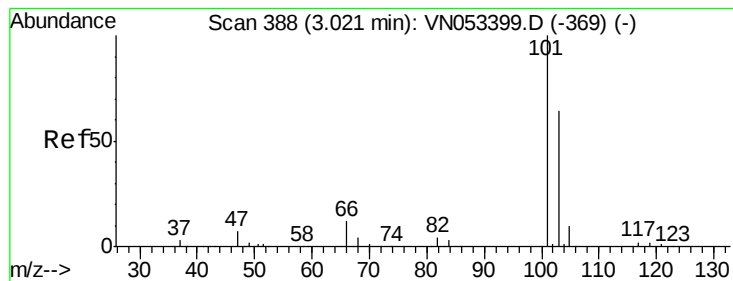
66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

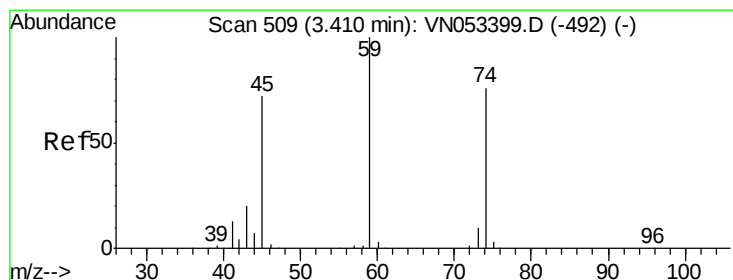
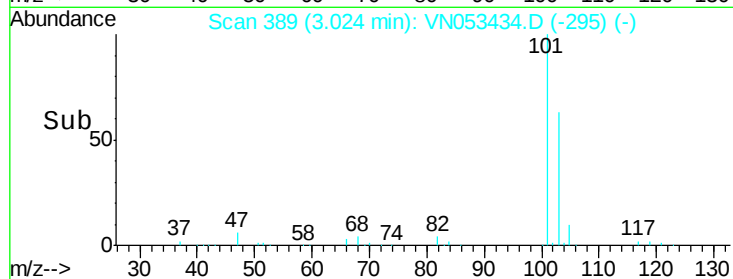
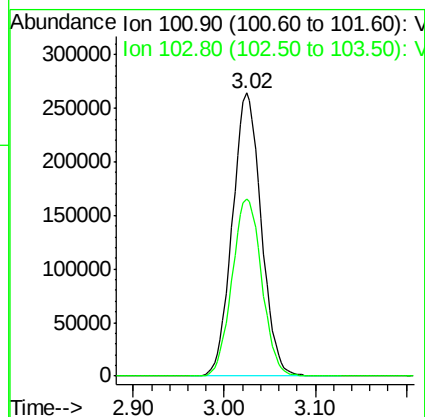
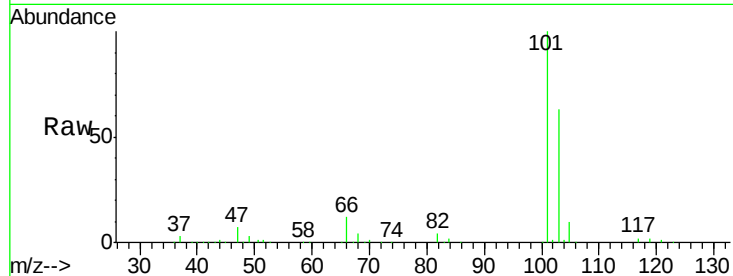




#7

Trichlorofluoromethane
Concen: 49.359 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

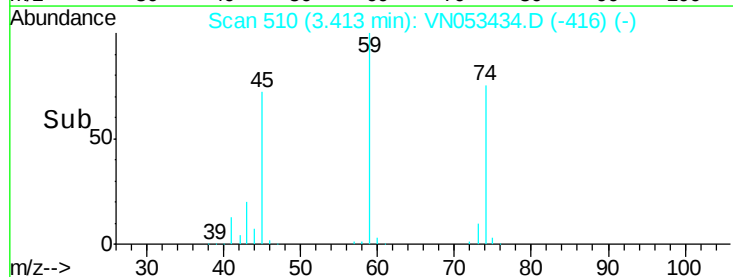
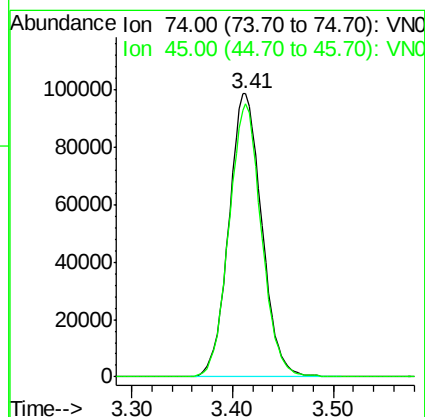
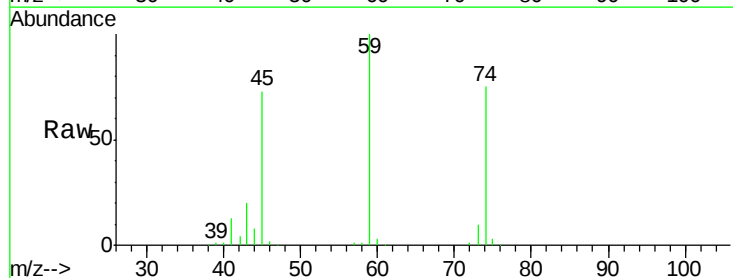
Tot Ion:101 Resp: 583115
Ion Ratio Lower Upper
101 100
103 62.6 51.6 77.4

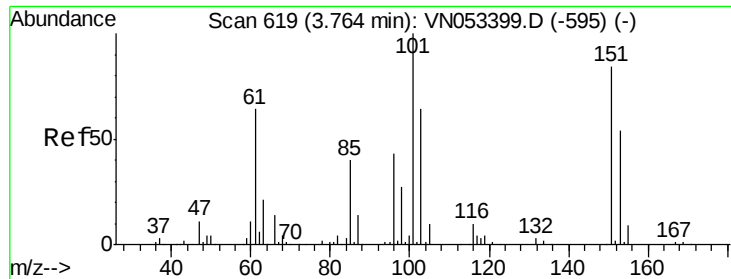


#8

Diethyl Ether
Concen: 50.419 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 74 Resp: 223711
Ion Ratio Lower Upper
74 100
45 95.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.611 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

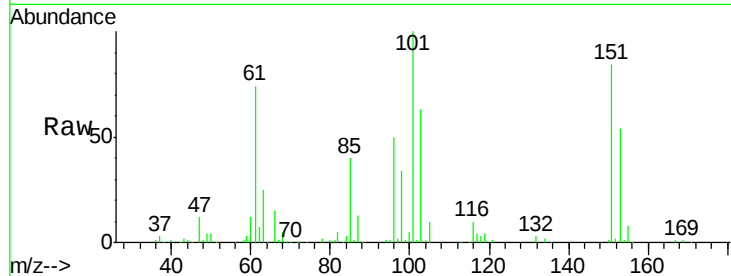
Tot Ion:101 Resp: 378659

Ion Ratio Lower Upper

101 100

85 41.0 32.8 49.2

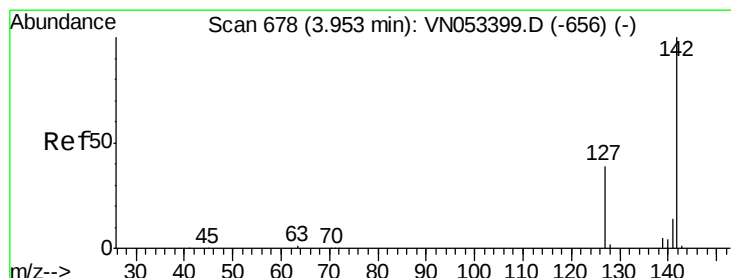
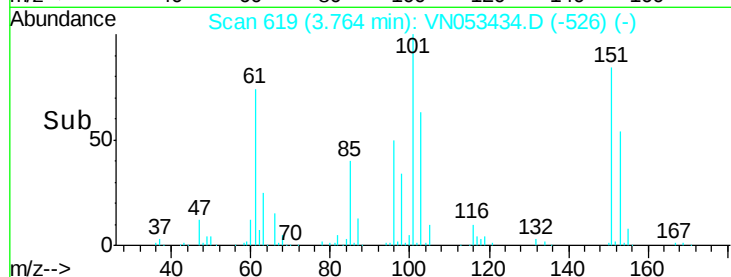
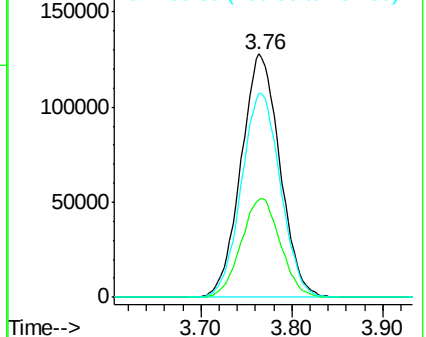
151 84.6 66.9 100.3



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: 48.612 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

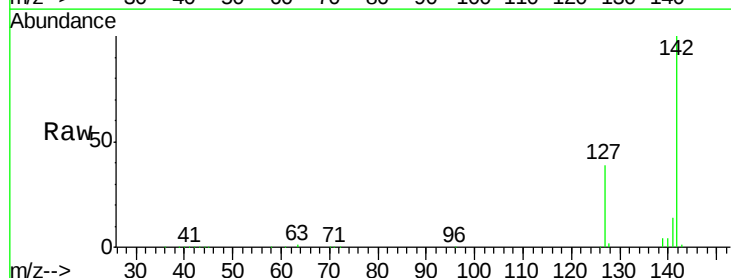
Tgt Ion:142 Resp: 555795

Ion Ratio Lower Upper

142 100

127 39.0 31.0 46.4

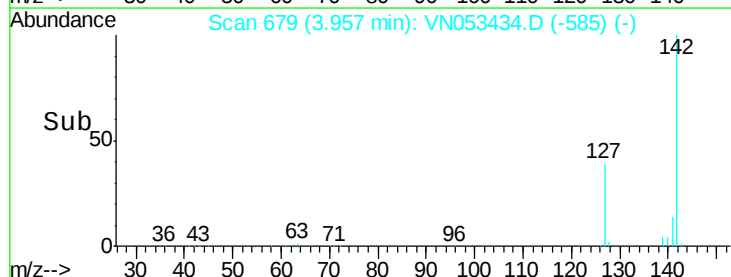
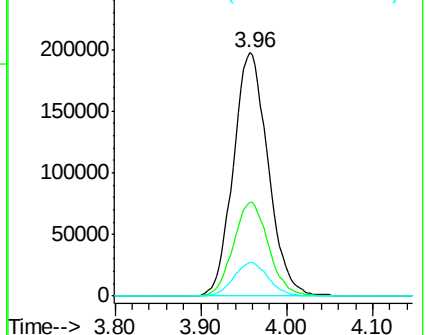
141 13.8 11.1 16.7

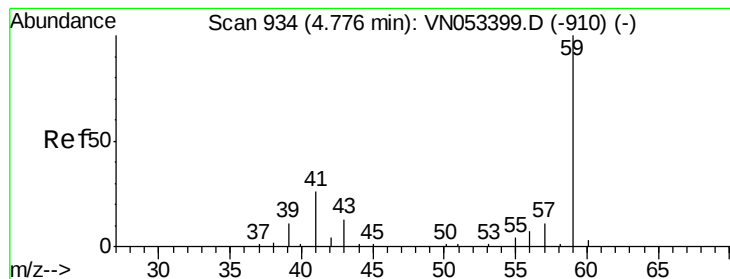


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

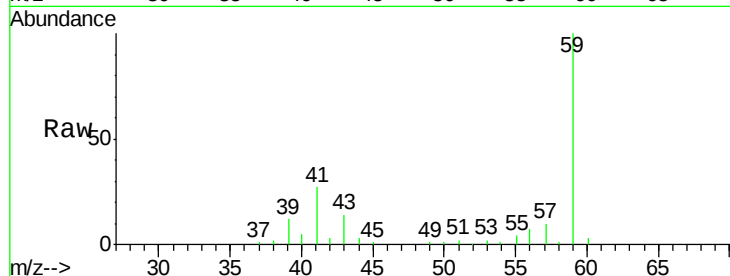




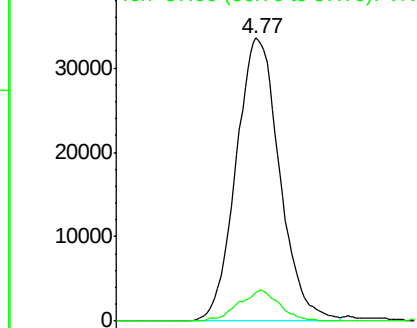
#11

Tert butyl alcohol
Concen: 304.973 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

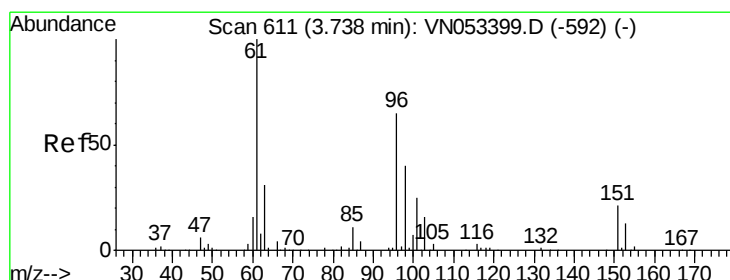
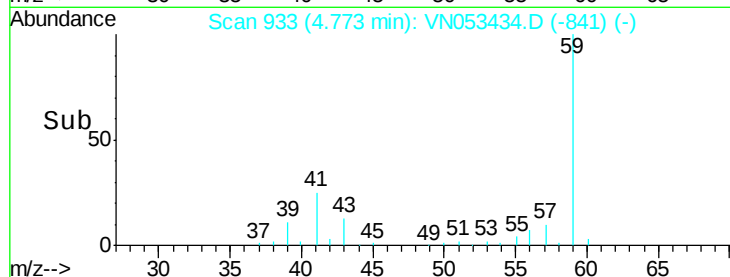
Tot Ion: 59 Resp: 120224
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN053399.D (-910) (-)
Ion 57.00 (56.70 to 57.70): VN053399.D (-910) (-)



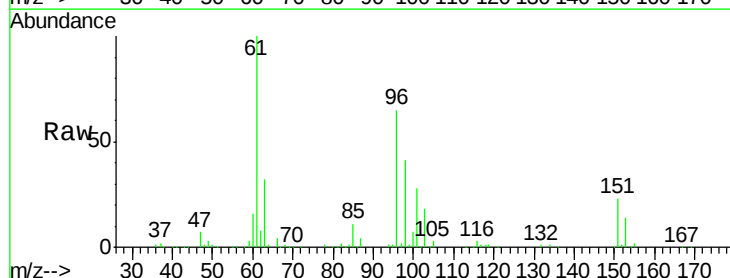
Time-->



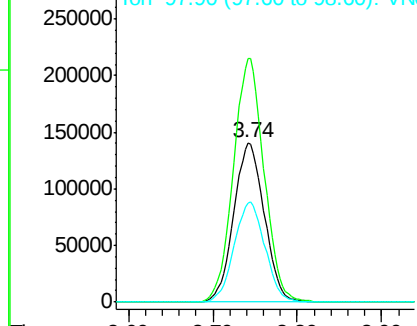
#12

1,1-Dichloroethene
Concen: 49.024 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

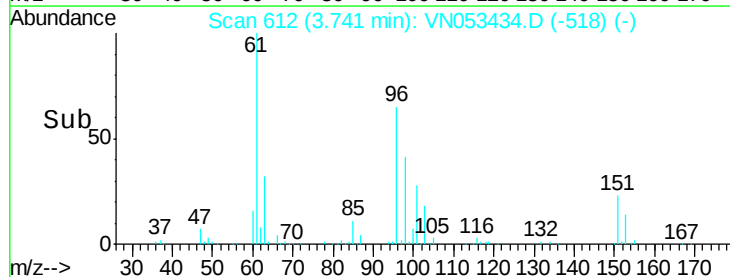
Tgt Ion: 96 Resp: 355757
Ion Ratio Lower Upper
96 100
61 152.8 122.9 184.3
98 62.5 49.4 74.0

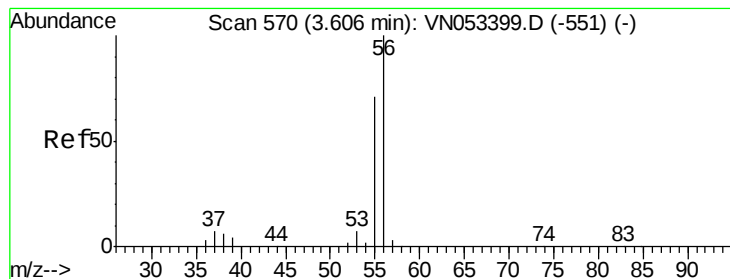


Abundance Ion 95.90 (95.60 to 96.60): VN053399.D (-592) (-)
Ion 60.90 (60.60 to 61.60): VN053399.D (-592) (-)
Ion 97.90 (97.60 to 98.60): VN053399.D (-592) (-)



Time-->





#13

Acrolein

Concen: 200.345 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053434.D

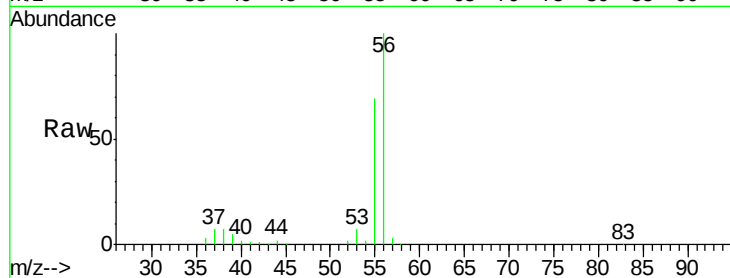
Acq: 17 Jan 2019 14:48

Tot Ion: 56 Resp: 150291

Ion Ratio Lower Upper

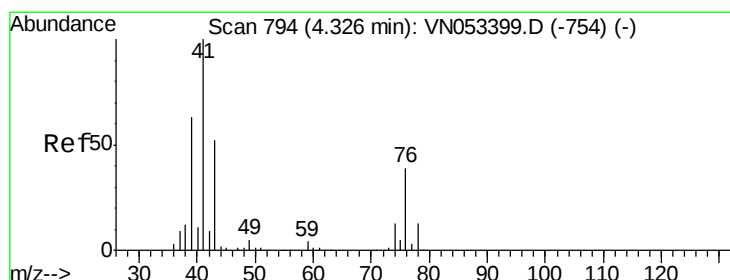
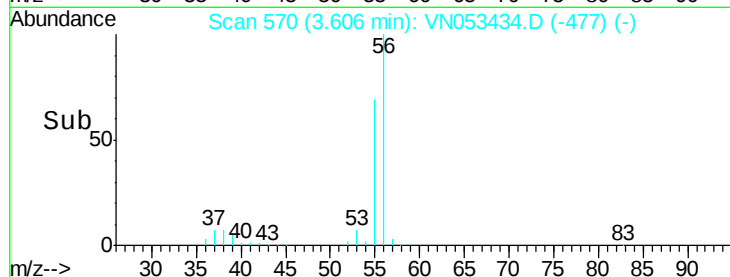
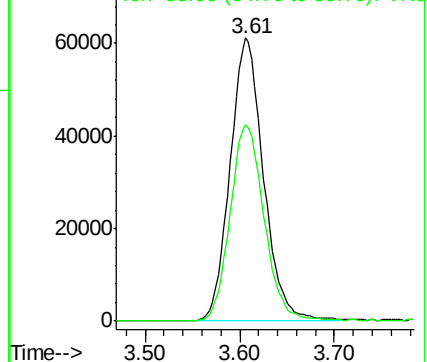
56 100

55 70.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.759 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

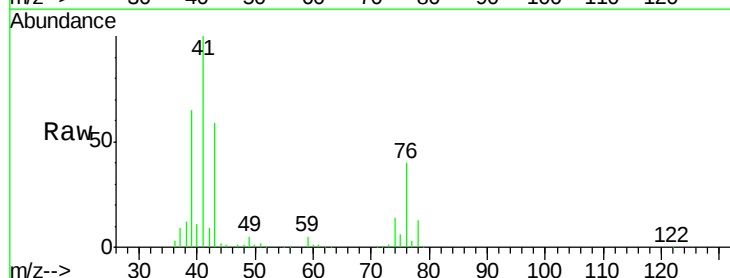
Tgt Ion: 41 Resp: 551169

Ion Ratio Lower Upper

41 100

39 65.6 48.9 73.3

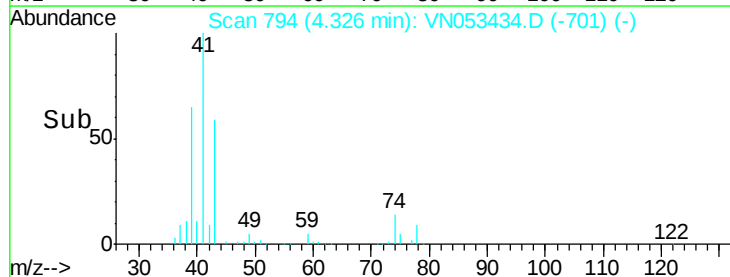
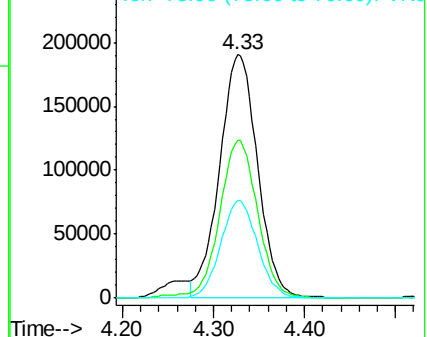
76 38.7 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 265.968 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

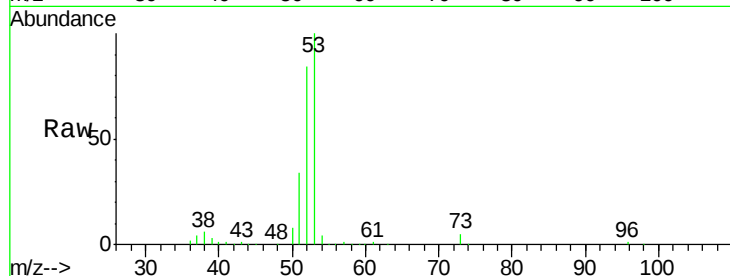
Tot Ion: 53 Resp: 690015

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

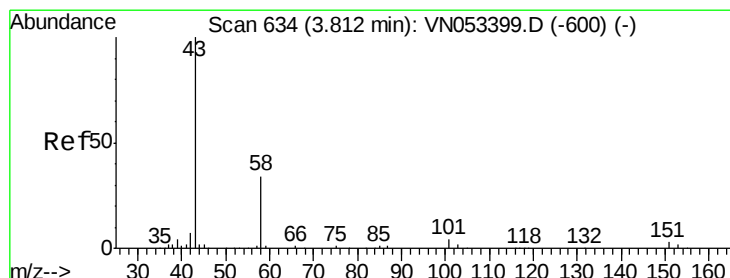
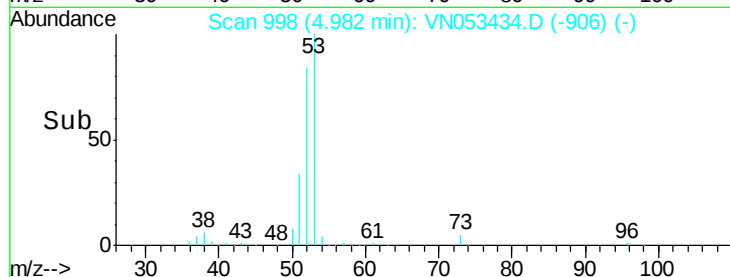
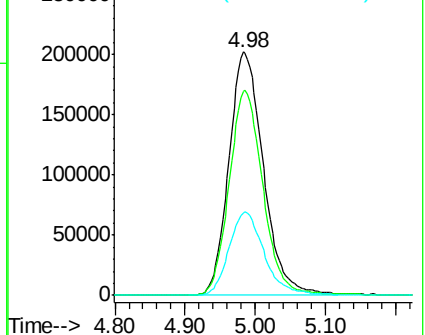
51 35.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 274.455 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053434.D

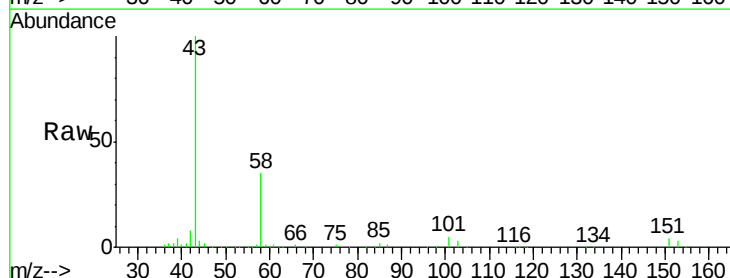
Acq: 17 Jan 2019 14:48

Tgt Ion: 43 Resp: 518763

Ion Ratio Lower Upper

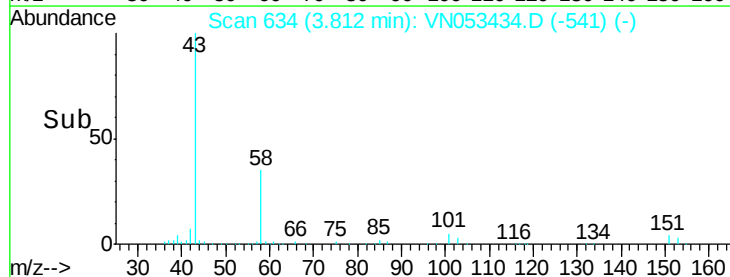
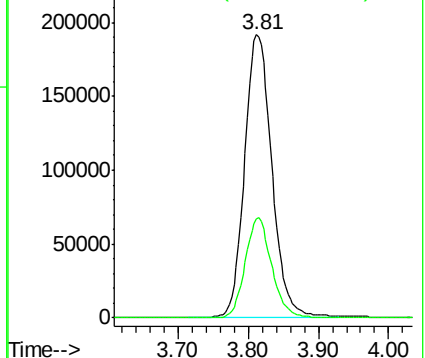
43 100

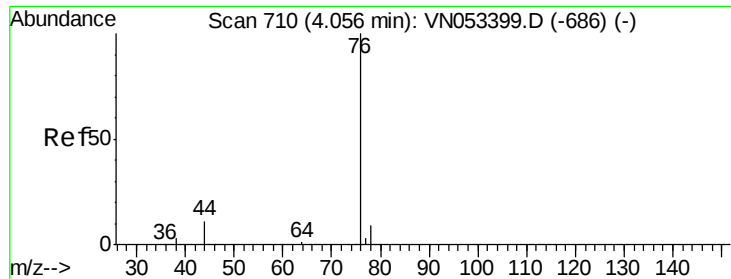
58 35.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

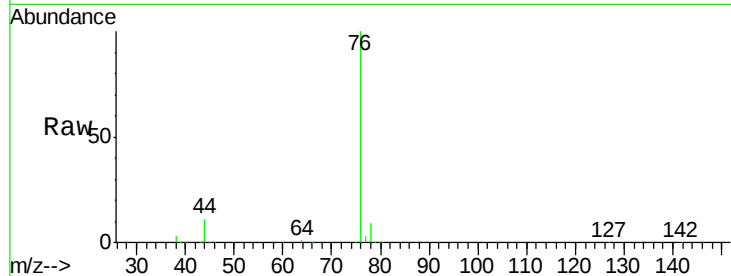
Ion 58.00 (57.70 to 58.70): VN0



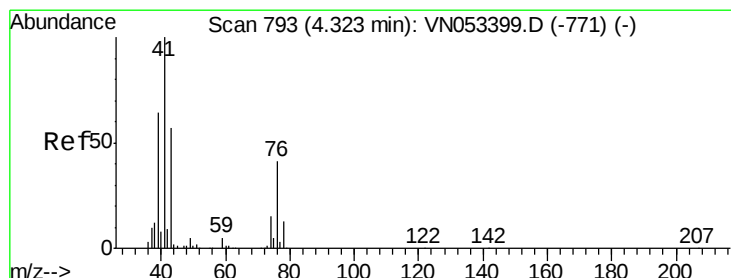
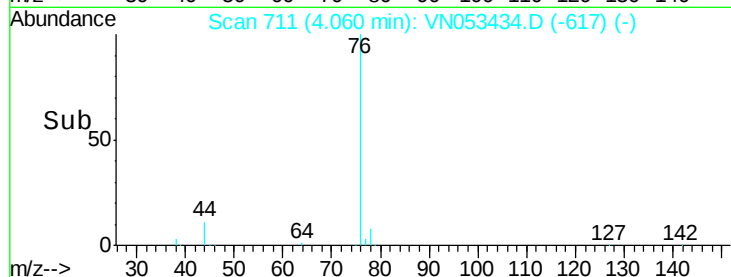
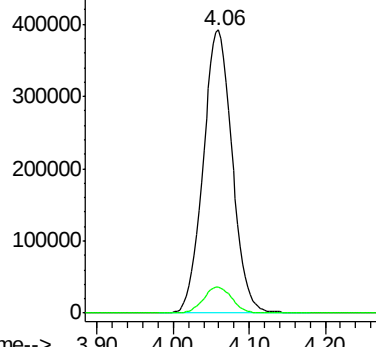


#17
Carbon Disulfide
Concen: 47.317 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 76 Resp: 1038365
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

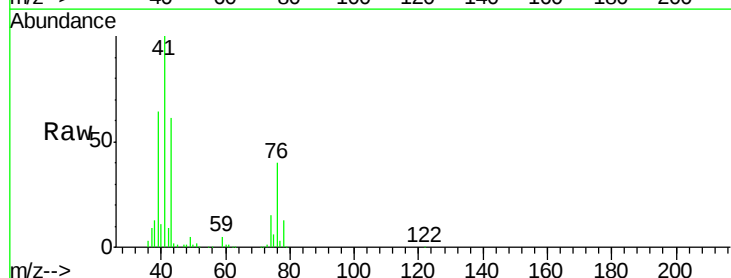


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

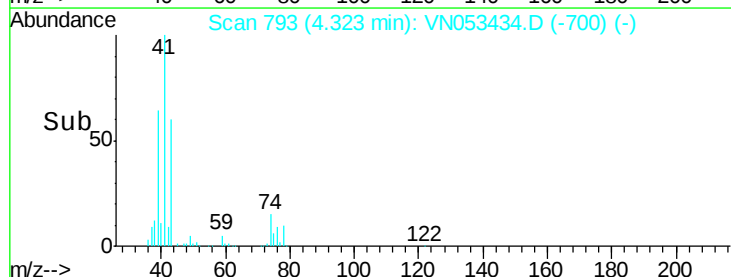
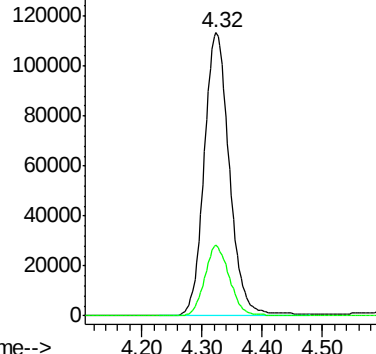


#18
Methyl Acetate
Concen: 51.979 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 43 Resp: 331016
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2



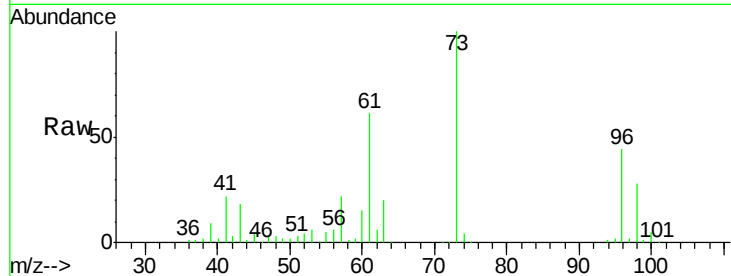
Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



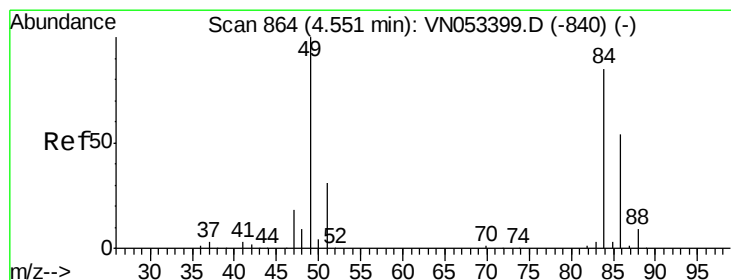
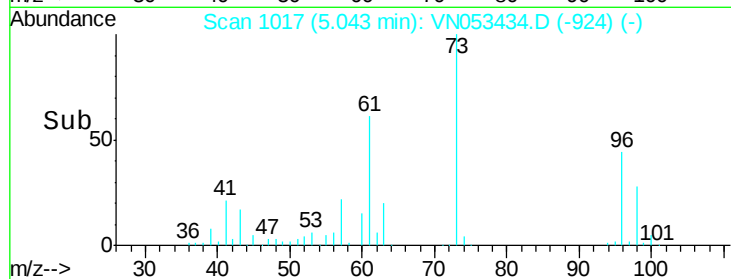
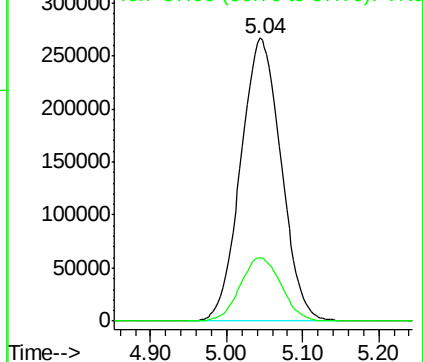


#19
Methvl tert-butvl Ether
Concen: 51.074 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 73 Resp: 984800
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5

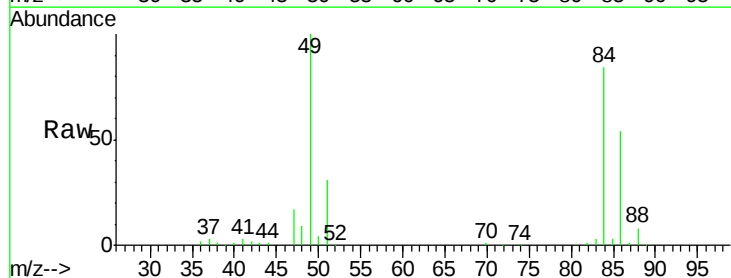


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

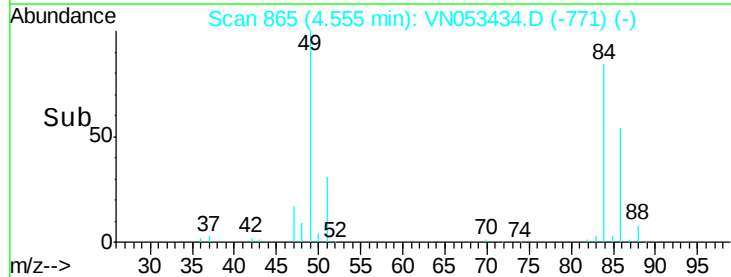
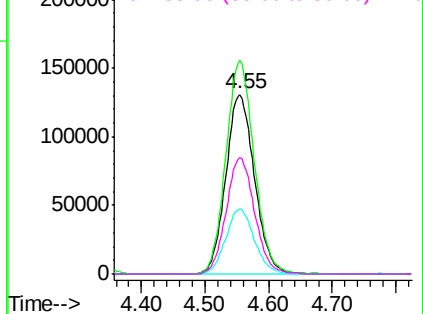


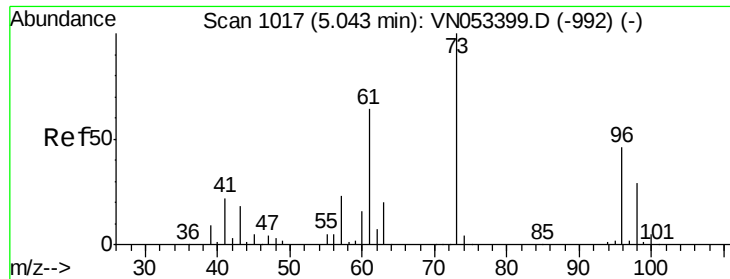
#20
Methylene Chloride
Concen: 47.636 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 84 Resp: 411080
Ion Ratio Lower Upper
84 100
49 119.0 94.3 141.5
51 36.3 29.4 44.2
86 64.6 51.4 77.0



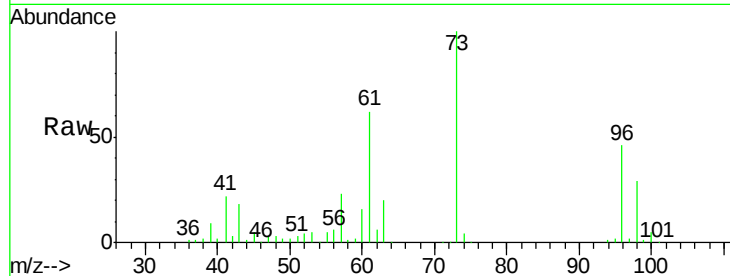
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



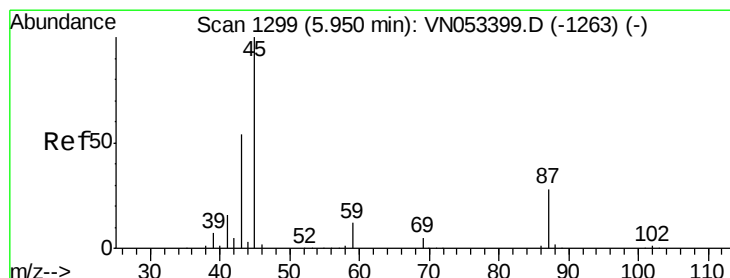
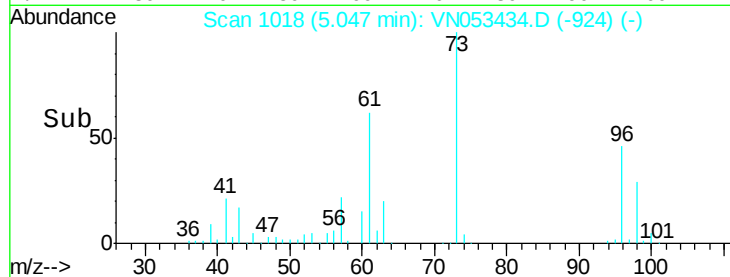
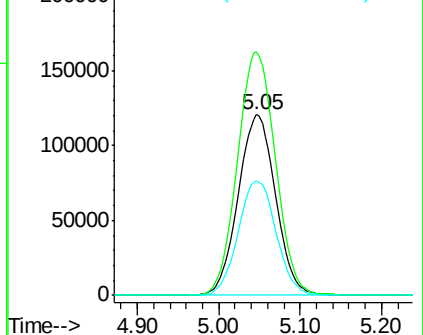


#21
trans-1,2-Dichloroethene
Concen: 49.375 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 96 Resp: 383066
Ion Ratio Lower Upper
96 100
61 134.7 110.1 165.1
98 62.9 50.0 75.0

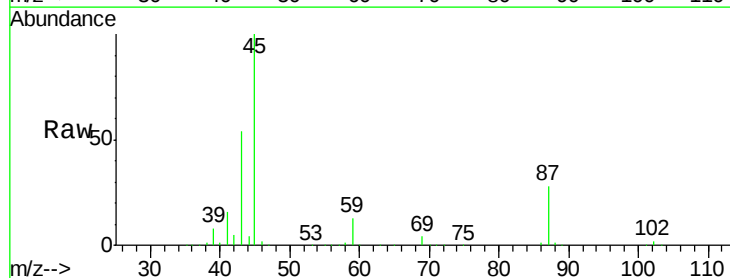


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

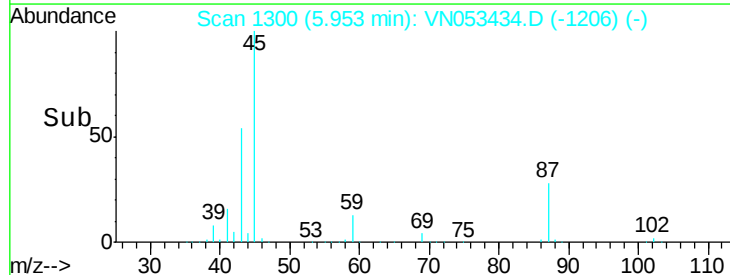
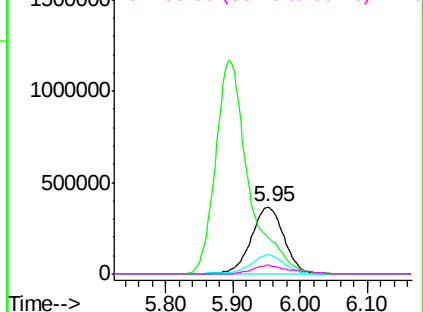


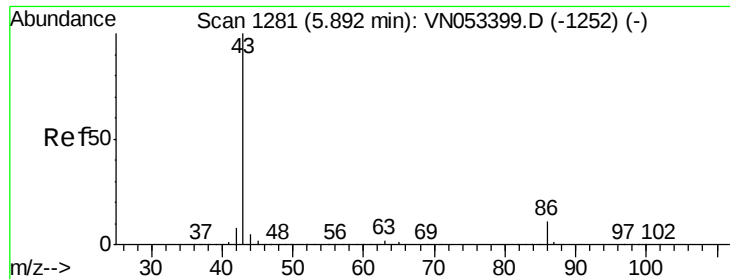
#22
Diisopropyl ether
Concen: 50.402 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 45 Resp: 1240266
Ion Ratio Lower Upper
45 100
43 53.6 44.2 66.4
87 28.2 22.7 34.1
59 12.5 9.4 14.2



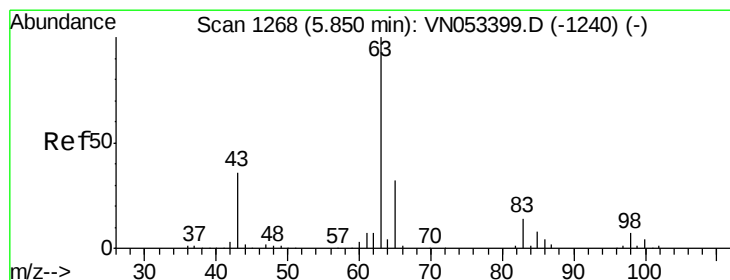
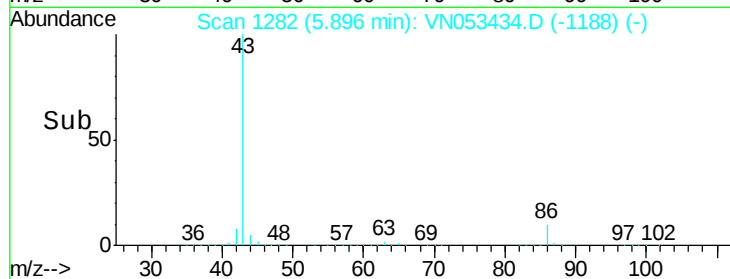
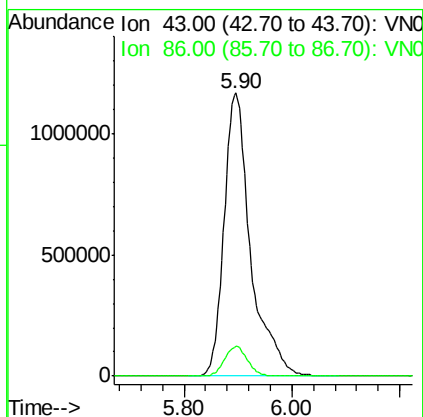
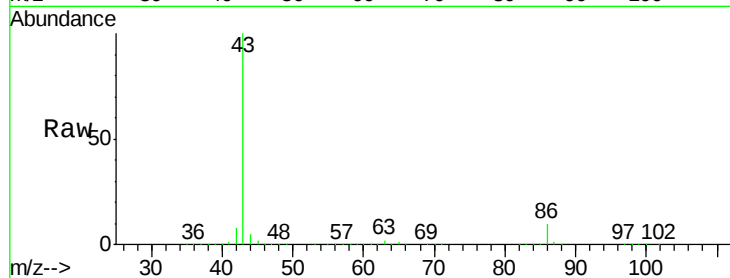
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





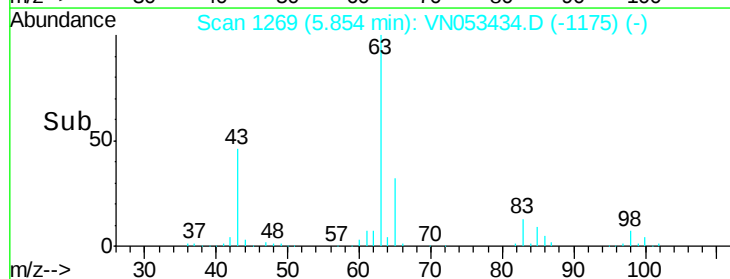
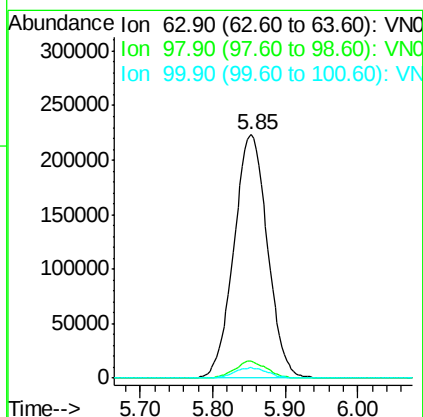
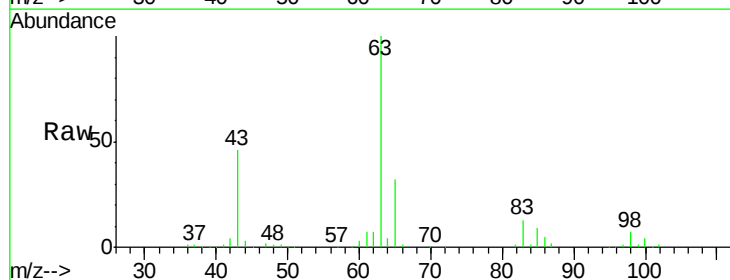
#23
 Vinyl Acetate
 Concen: 264.239 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

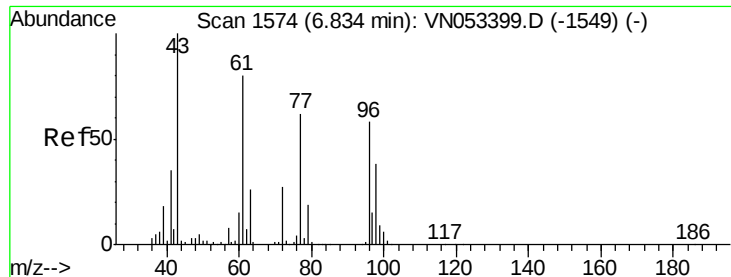
Tot Ion: 43 Resp: 3996996
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 49.451 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tgt Ion: 63 Resp: 719356
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 280.218 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053434.D

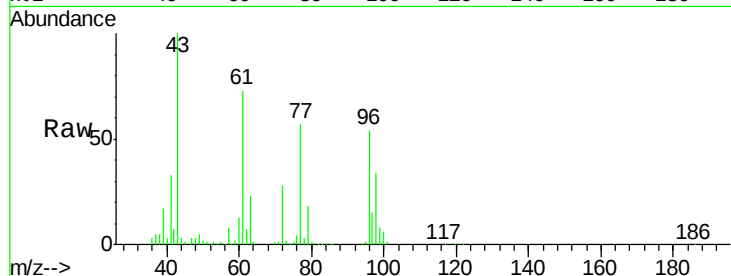
Acq: 17 Jan 2019 14:48

Tot Ion: 43 Resp: 816208

Ion Ratio Lower Upper

43 100

72 27.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1549) (-)

Ion 72.00 (71.70 to 72.70): VN053399.D (-1549) (-)

6.83

300000

250000

200000

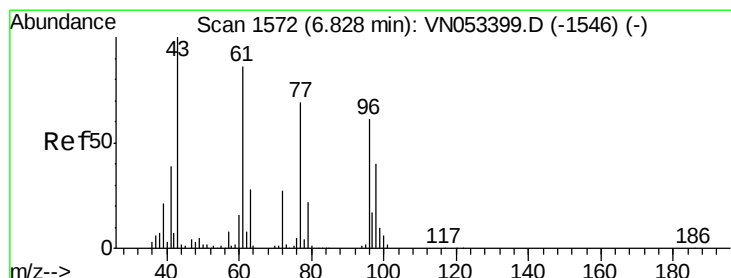
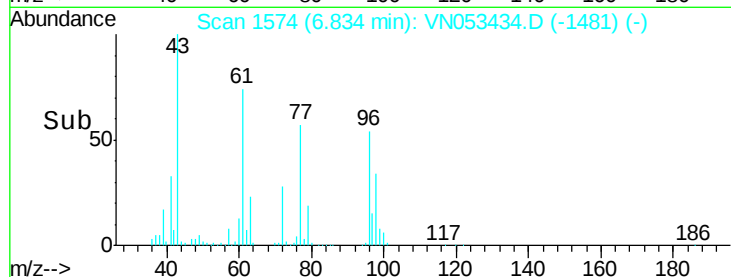
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.685 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053434.D

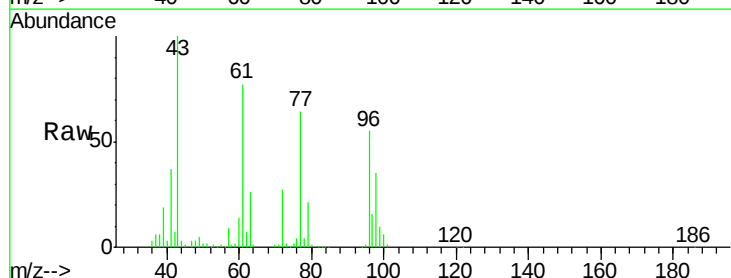
Acq: 17 Jan 2019 14:48

Tgt Ion: 77 Resp: 545699

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN053399.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN053399.D (-1546) (-)

6.83

200000

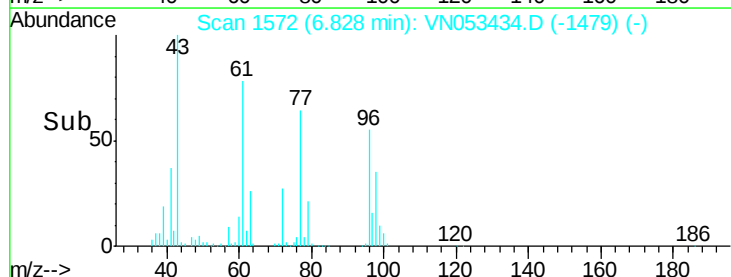
150000

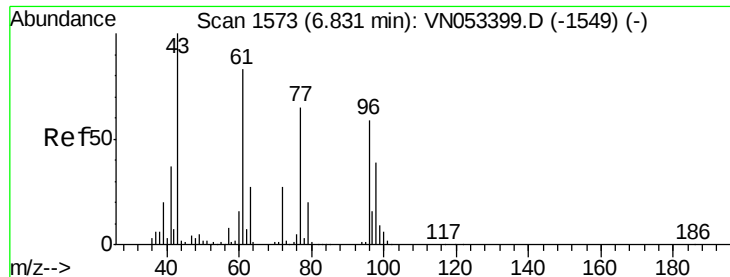
100000

50000

0

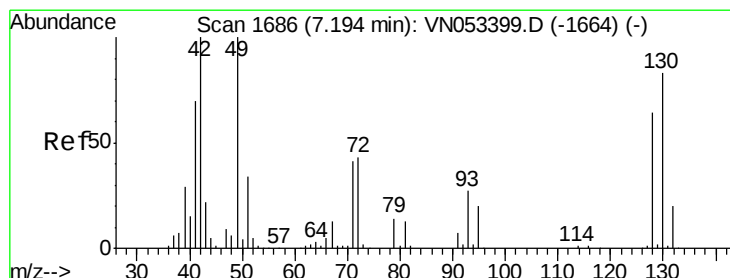
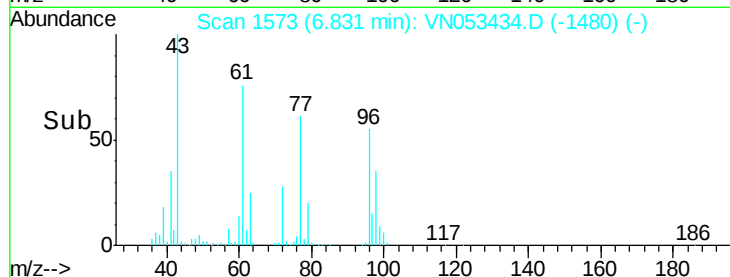
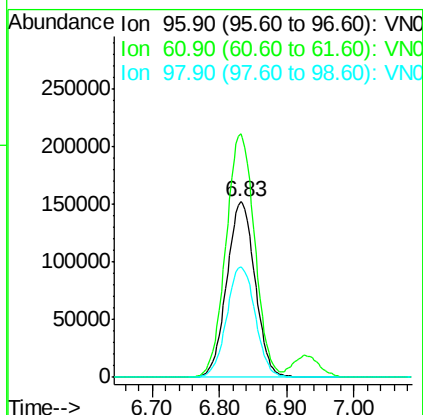
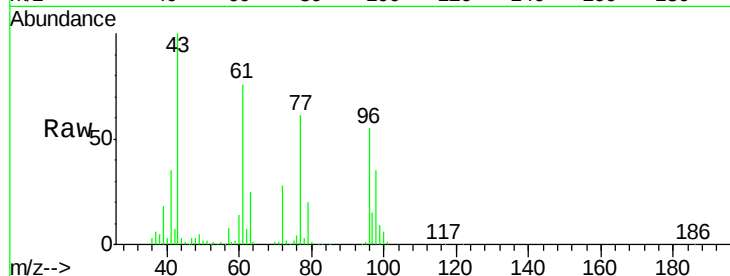
Time-->





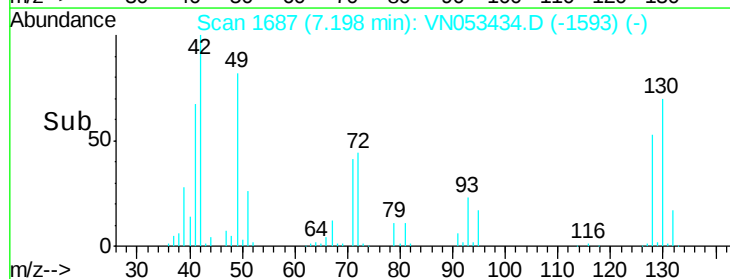
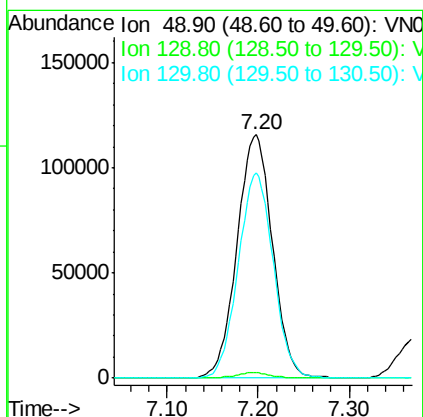
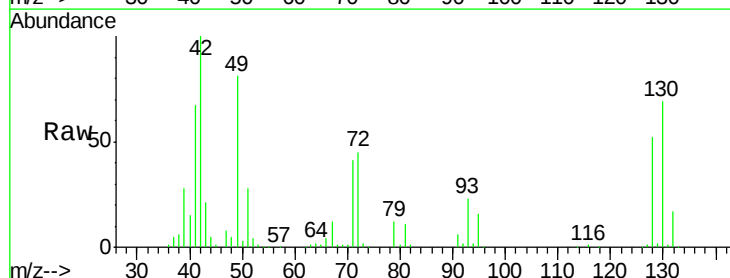
#27
 cis-1,2-Dichloroethene
 Concen: 50.186 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

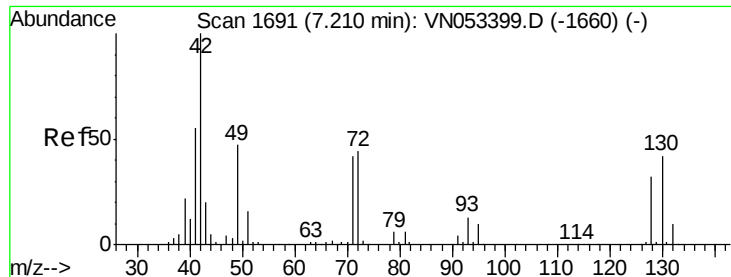
Tot Ion: 96 Resp: 445243
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 283.8
 98 63.8 0.0 129.2



#28
 Bromochloromethane
 Concen: 48.857 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tgt Ion: 49 Resp: 313102
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 83.7 66.3 99.5





#29

Tetrahydrofuran

Concen: 271.907 ug/l

RT: 7.21 min Scan# 1691

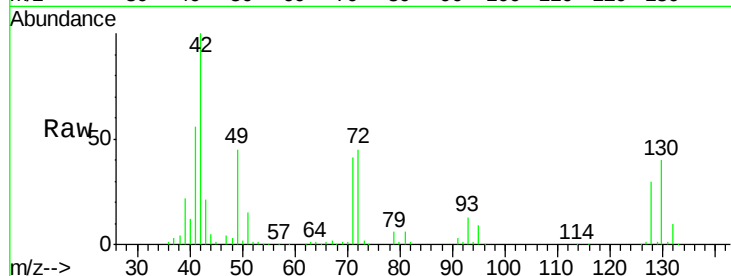
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tot Ion: 42 Resp: 515594

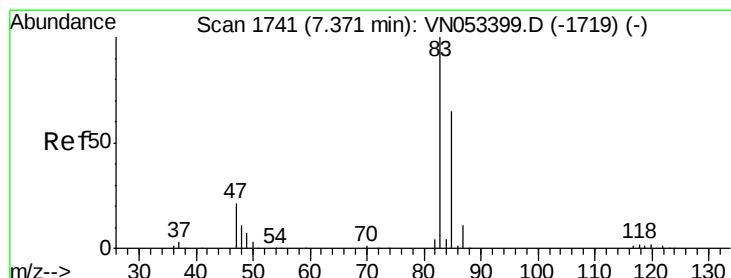
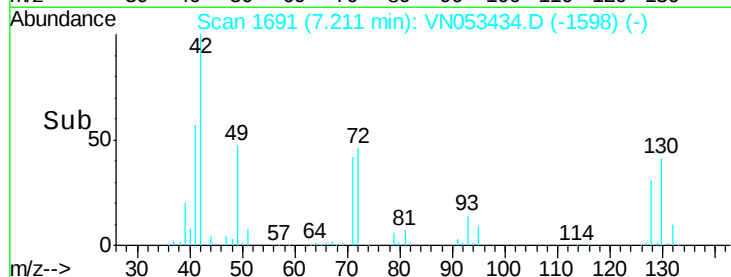
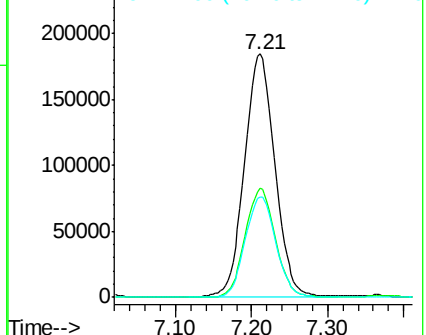
Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.2	52.8
71	41.7	33.0	49.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.797 ug/l

RT: 7.37 min Scan# 1741

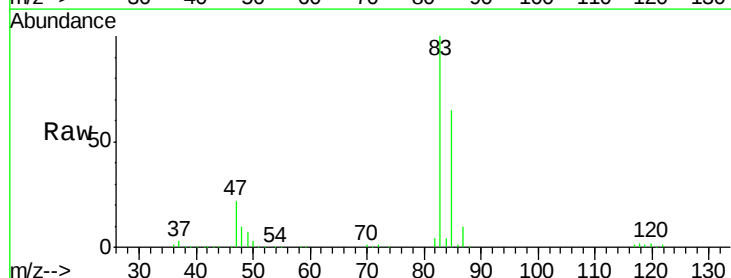
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

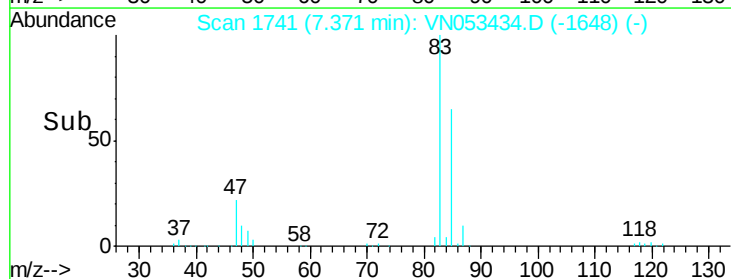
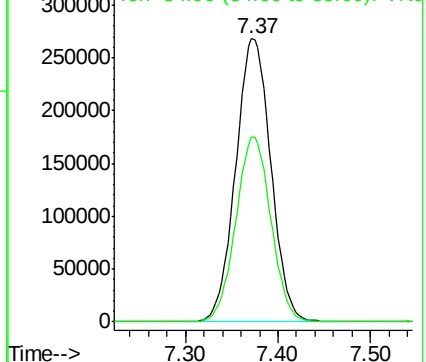
Tgt Ion: 83 Resp: 705791

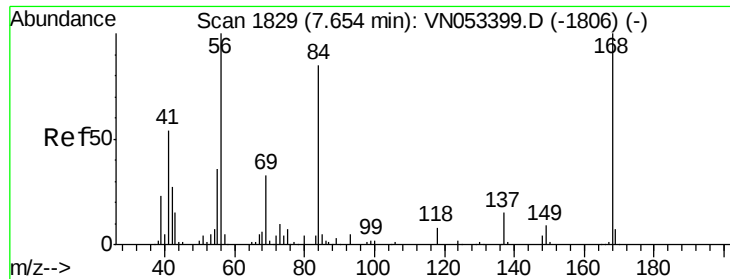
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

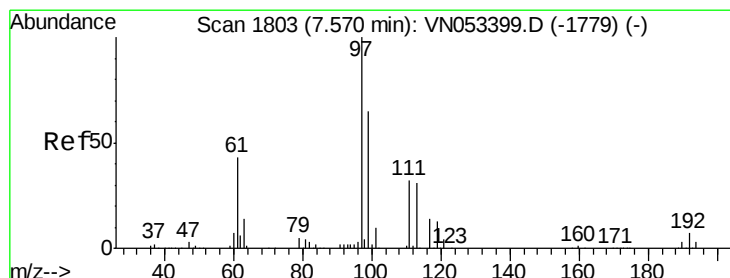
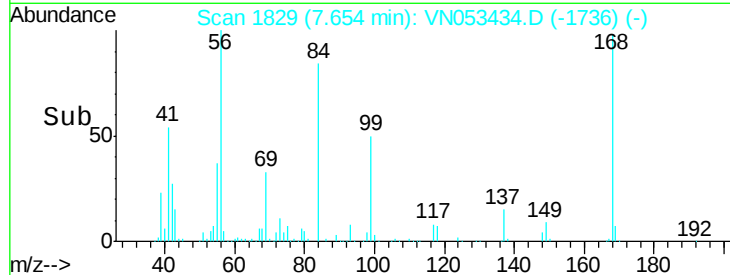
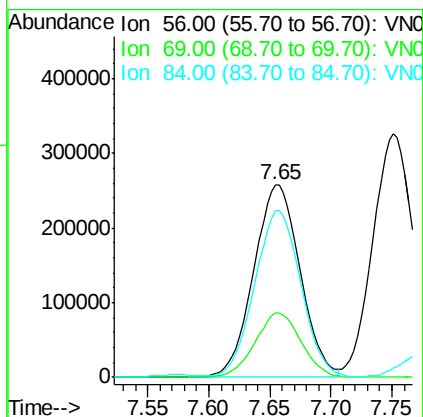
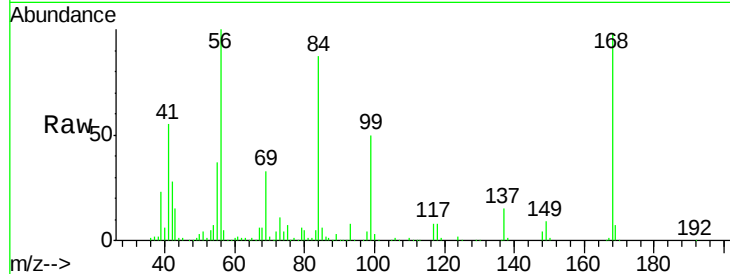
Ion 84.90 (84.60 to 85.60): VN0





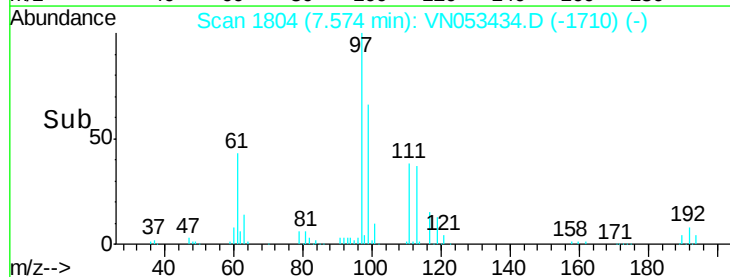
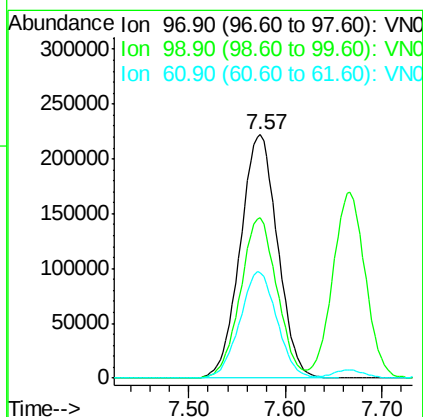
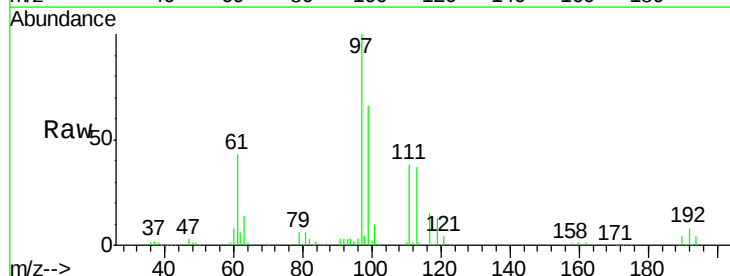
#31
Cyclohexane
Concen: 48.127 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

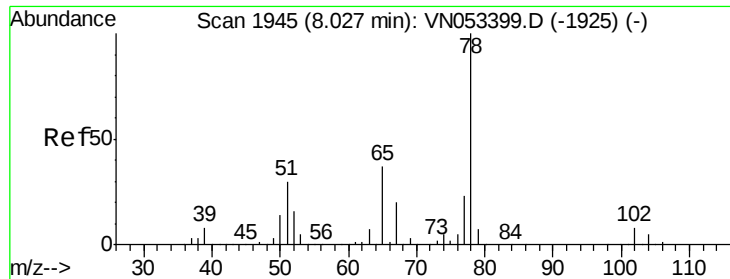
Tot Ion: 56 Resp: 681447
Ion Ratio Lower Upper
56 100
69 33.2 26.4 39.6
84 85.4 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 49.511 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 97 Resp: 595275
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 43.4 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 49.511 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053434.D

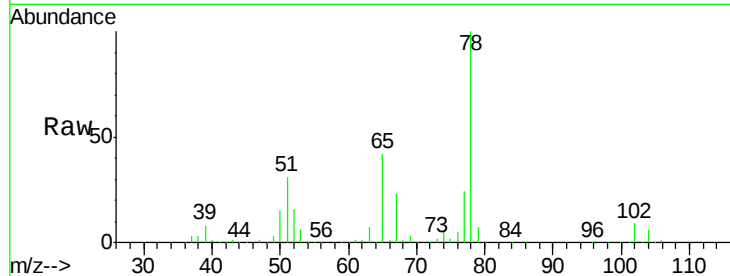
Acq: 17 Jan 2019 14:48

Tot Ion: 65 Resp: 408709

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053399.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053399.D (-1925) (-)

8.03

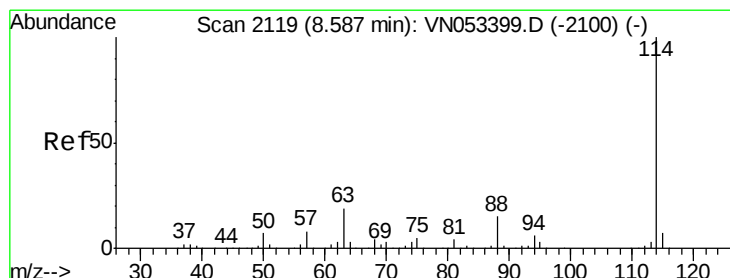
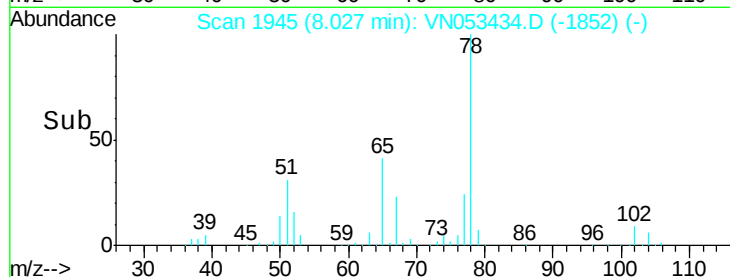
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

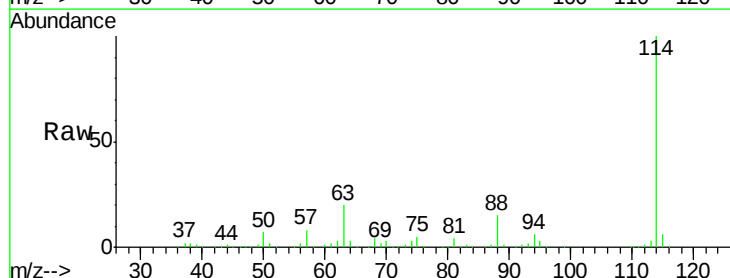
Tgt Ion: 114 Resp: 1186932

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053399.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053399.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053399.D (-2100) (-)

8.59

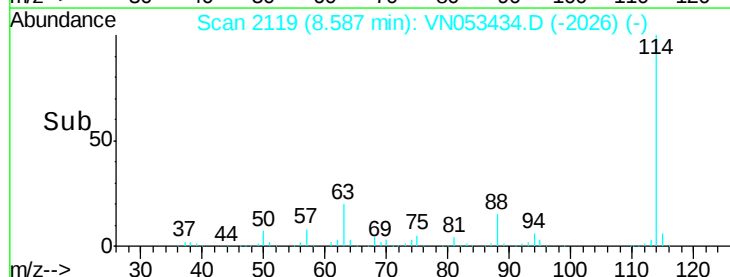
600000

400000

200000

0

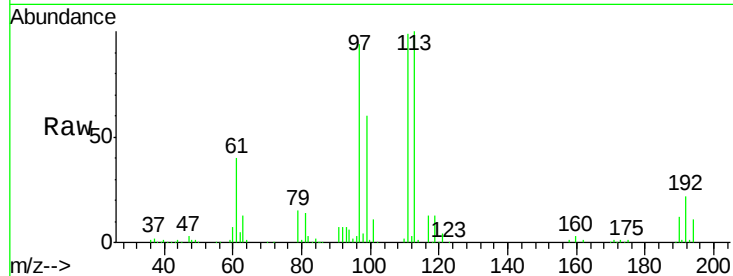
Time-->



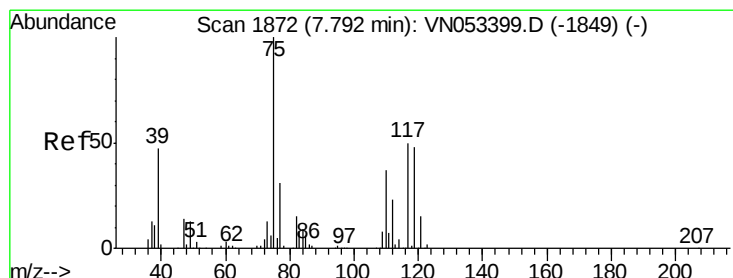
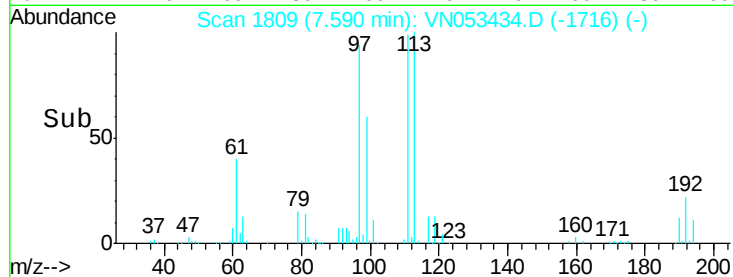
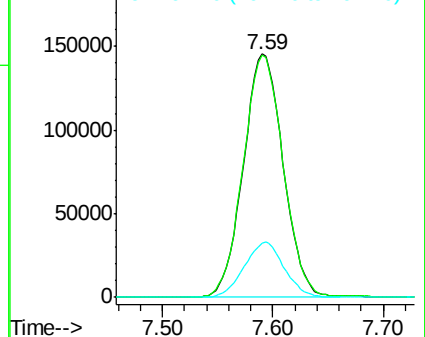


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.1	121.7
192	22.6	18.2	27.2

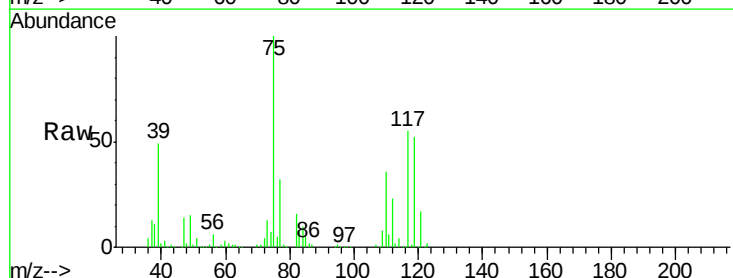


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

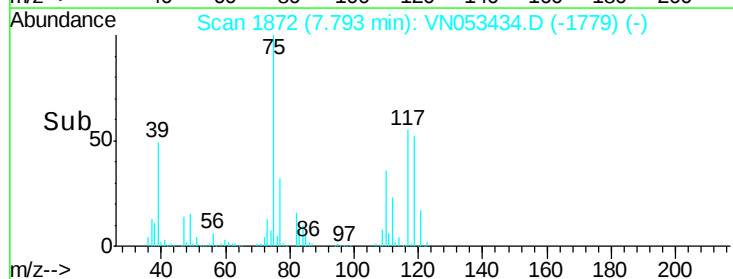
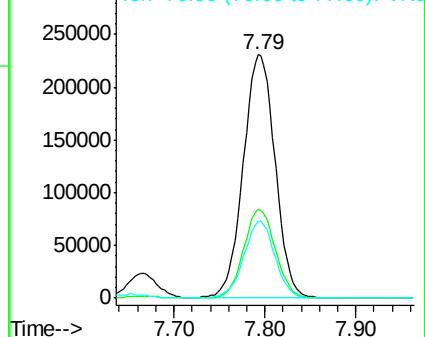


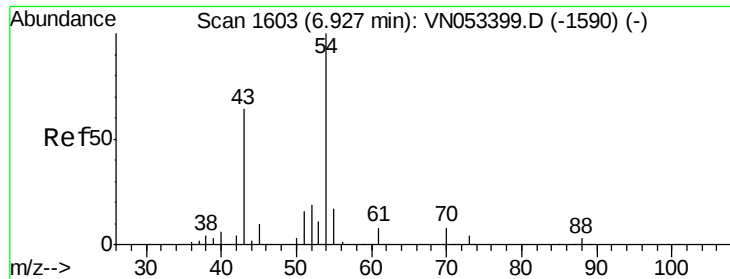
#36
 1,1-Dichloropropene
 Concen: 51.759 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.3
77	31.1	25.1	37.7



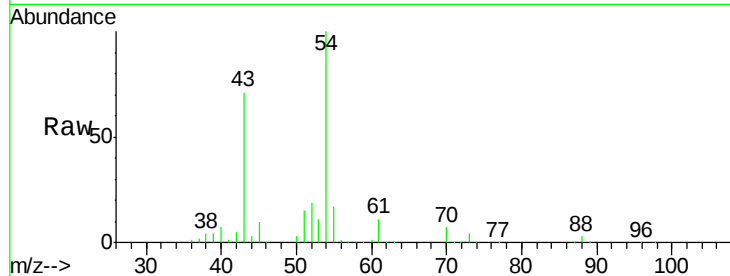
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



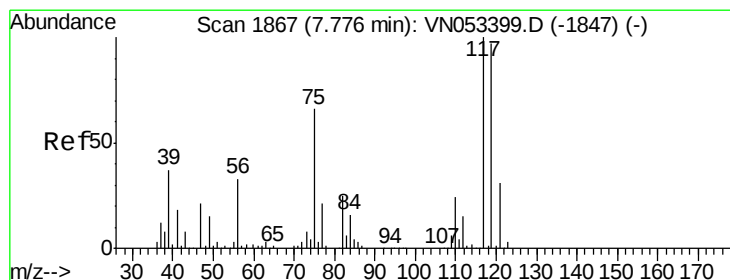
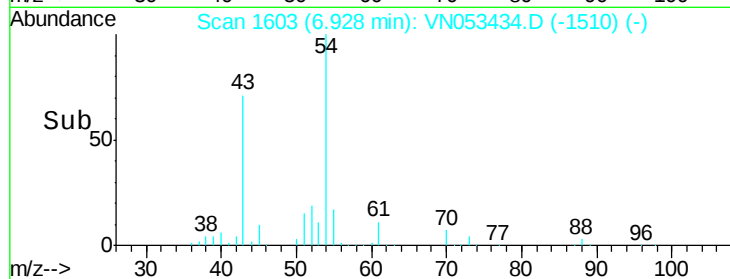
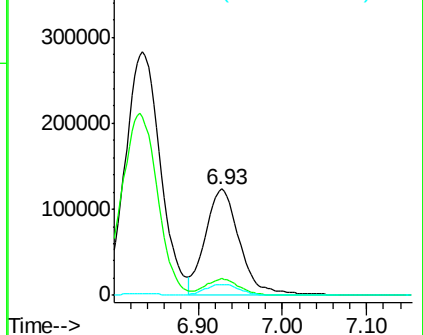


#37
Ethyl Acetate
Concen: 55.375 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 43 Resp: 344381
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 10.4 8.6 12.8

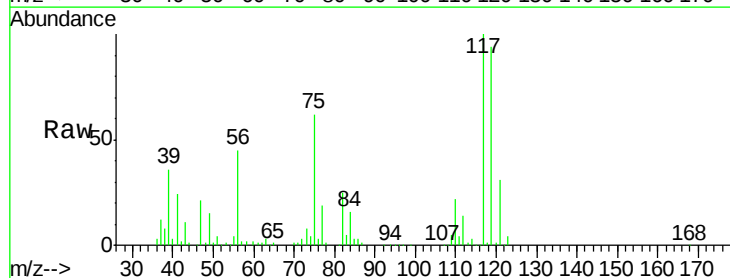


Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1590) (-)
Ion 60.90 (60.60 to 61.60): VN053399.D (-1590) (-)
Ion 70.00 (69.70 to 70.70): VN053399.D (-1590) (-)

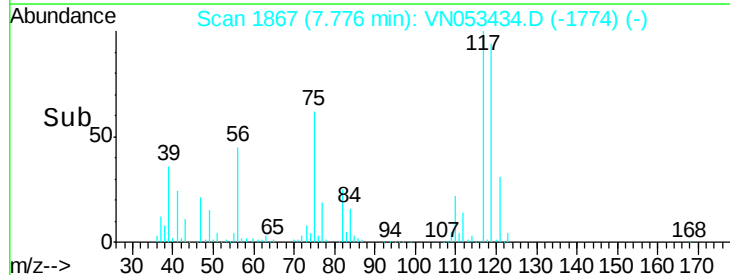
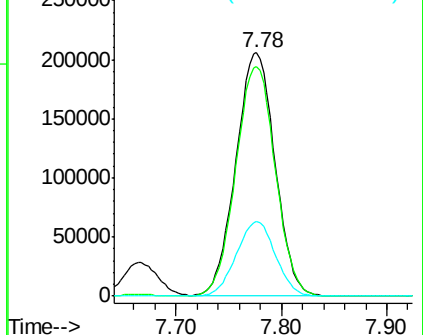


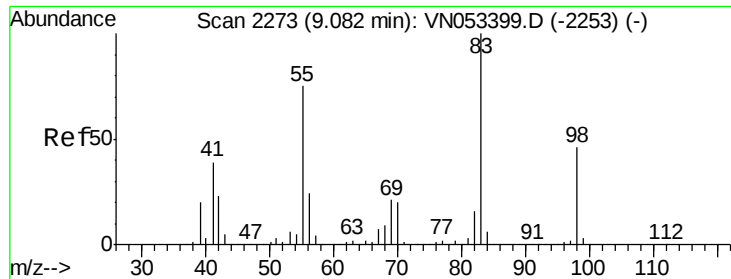
#38
Carbon Tetrachloride
Concen: 51.797 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 117 Resp: 530083
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8
121 30.7 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): VN053399.D (-1847) (-)
Ion 118.80 (118.50 to 119.50): VN053399.D (-1847) (-)
Ion 120.80 (120.50 to 121.50): VN053399.D (-1847) (-)

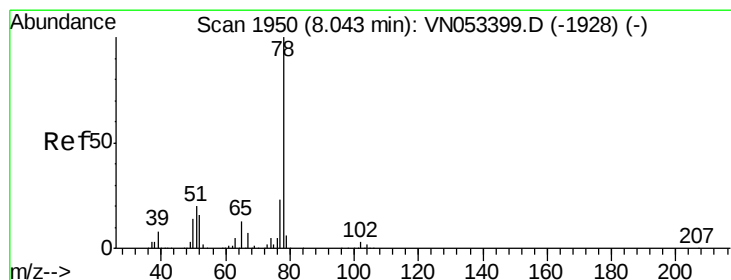
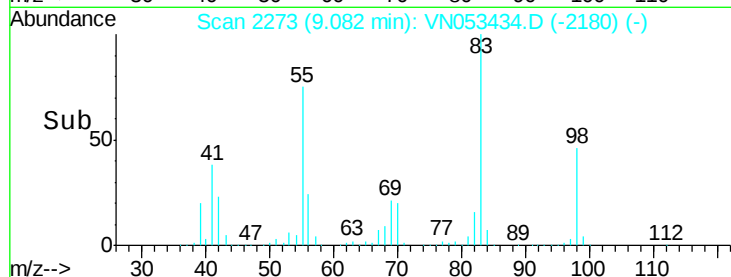
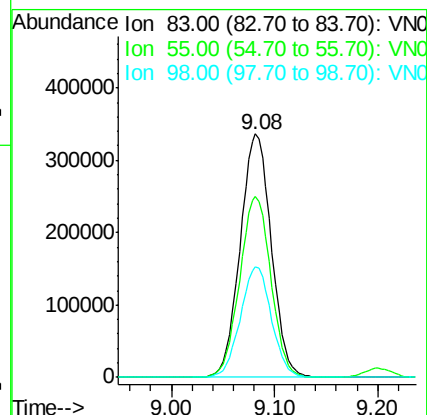
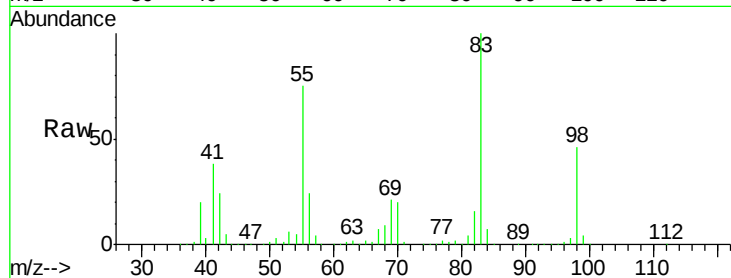




#39
Methvlcvclohexane
Concen: 52.777 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 83 Resp: 705129

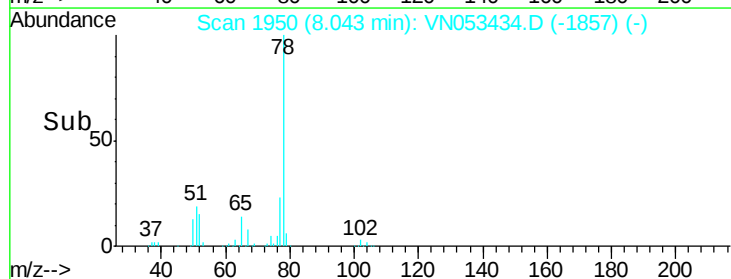
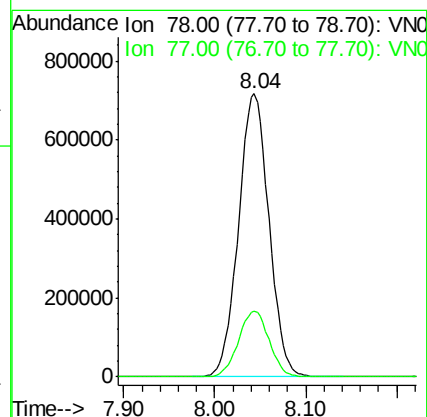
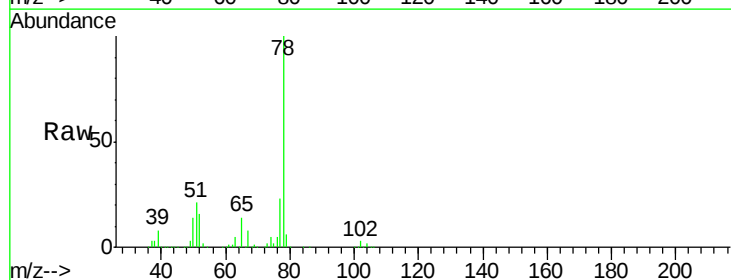
Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.1	90.1
98	45.5	36.6	55.0

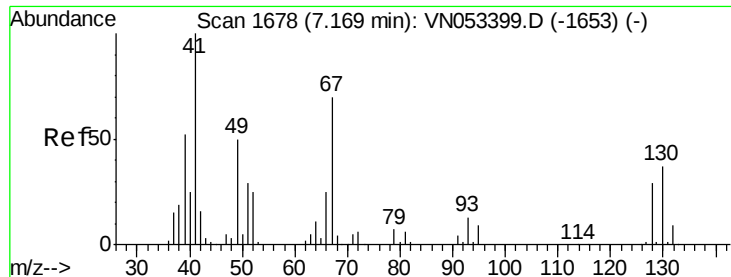


#40
Benzene
Concen: 50.742 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 78 Resp: 1666787

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





#41

Methacrylonitrile

Concen: 55.059 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tot Ion: 41 Resp: 203719

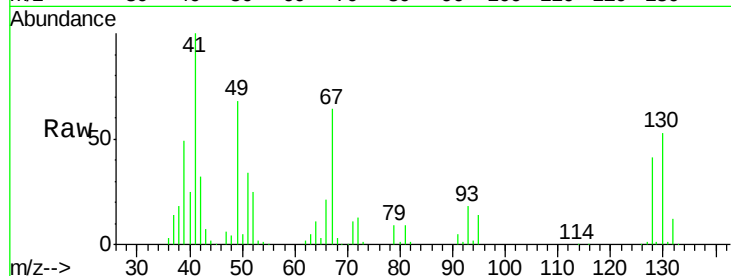
Ion Ratio Lower Upper

41 100

39 54.3 46.8 70.2

67 79.5 63.0 94.6

52 30.6 23.8 35.8

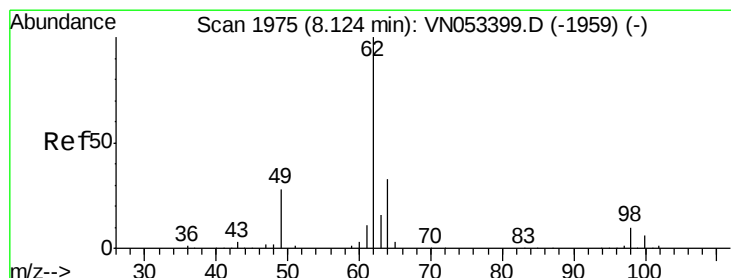
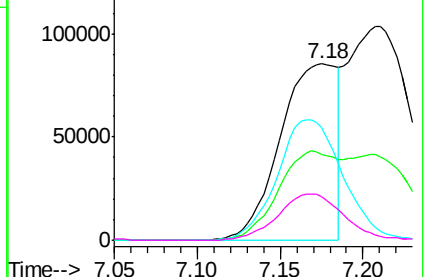
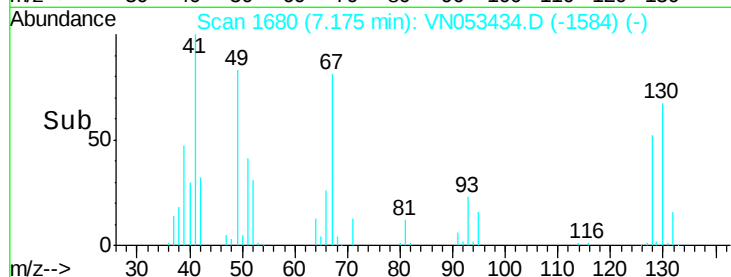


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 51.375 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053434.D

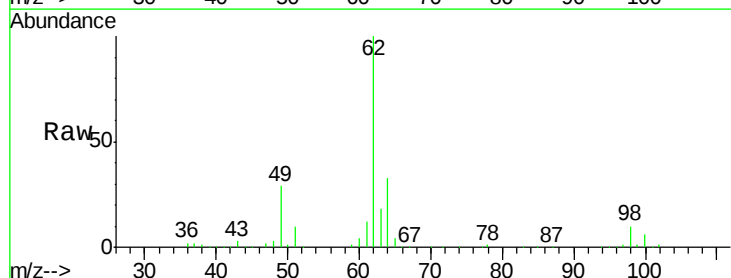
Acq: 17 Jan 2019 14:48

Tgt Ion: 62 Resp: 491644

Ion Ratio Lower Upper

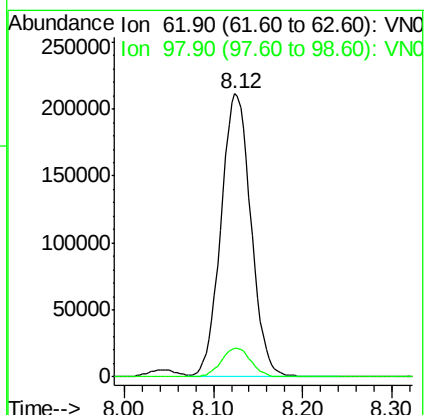
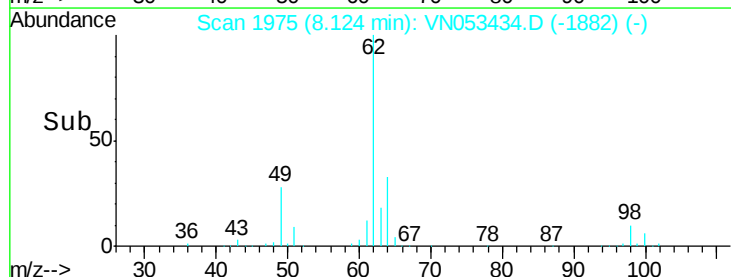
62 100

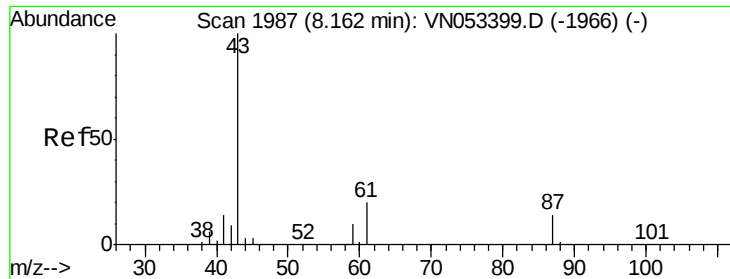
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

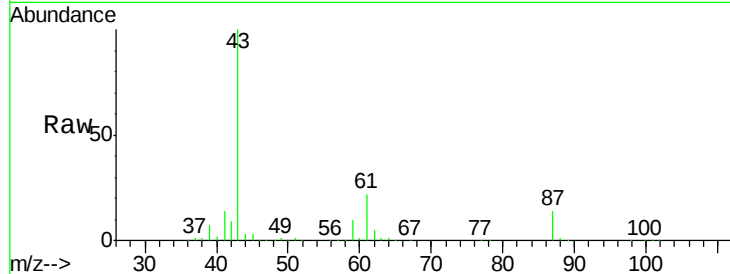




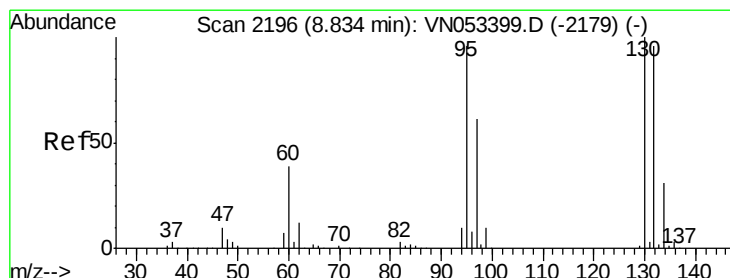
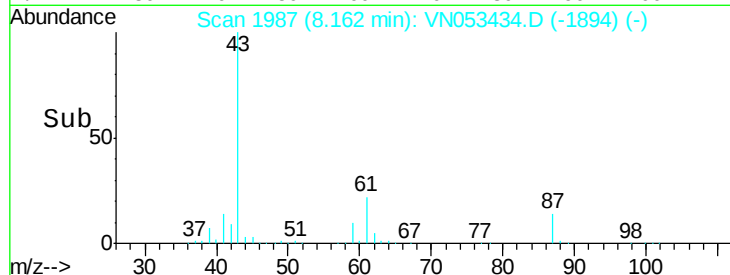
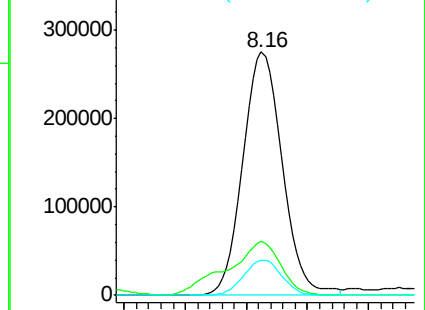
#43

Isopropyl Acetate
 Concen: 55.015 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tot Ion	43	Resp	615208
Ion Ratio	100		
Lower	23.9		
Upper	35.9		



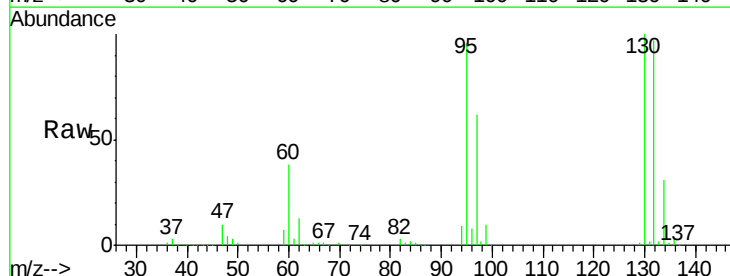
Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)



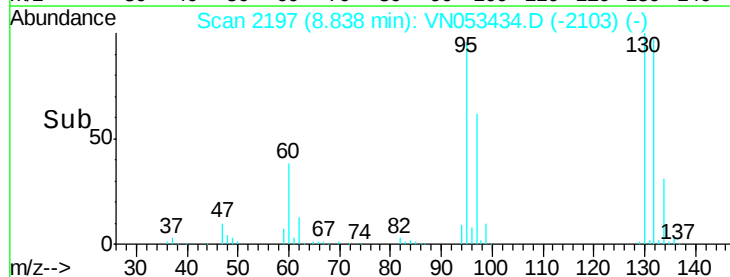
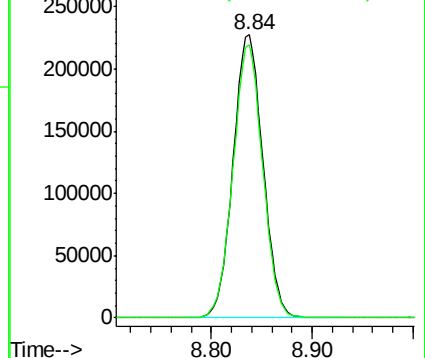
#44

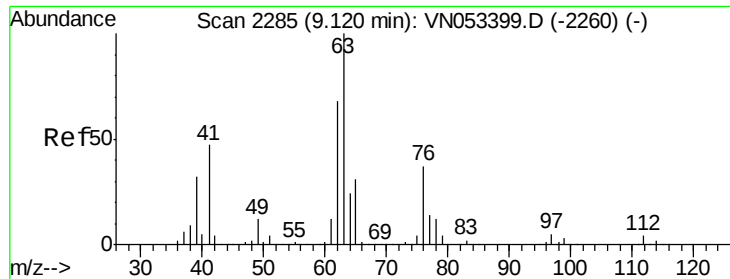
Trichloroethene
 Concen: 51.340 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

Tgt Ion	130	Resp	467672
Ion Ratio	100		
Lower	0.0		
Upper	191.4		



Abundance Ion 129.80 (129.50 to 130.50): VN053399.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 50.674 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053434.D

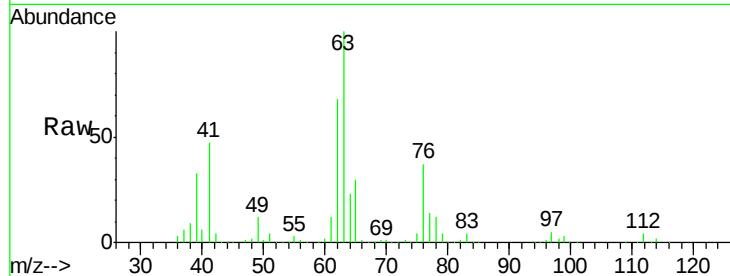
Acq: 17 Jan 2019 14:48

Tot Ion: 63 Resp: 440885

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

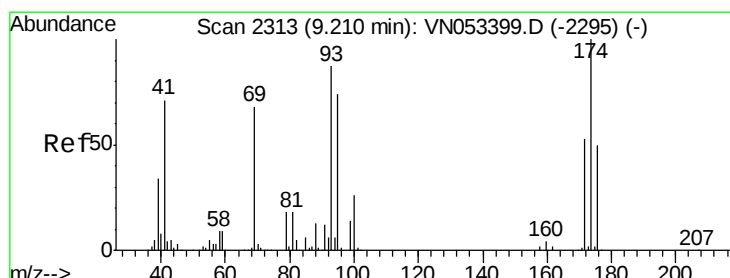
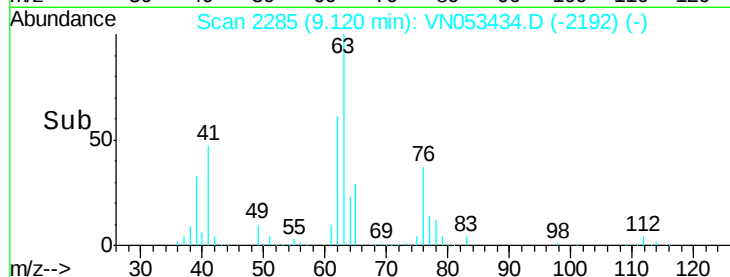
150000

100000

50000

0

Time--> 9.00 9.10 9.20



#46

Dibromomethane

Concen: 51.672 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

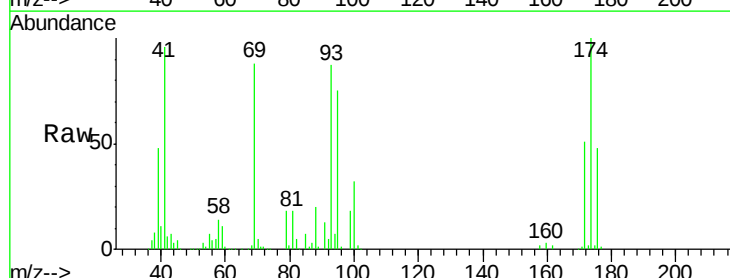
Tgt Ion: 93 Resp: 258294

Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 115.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

200000

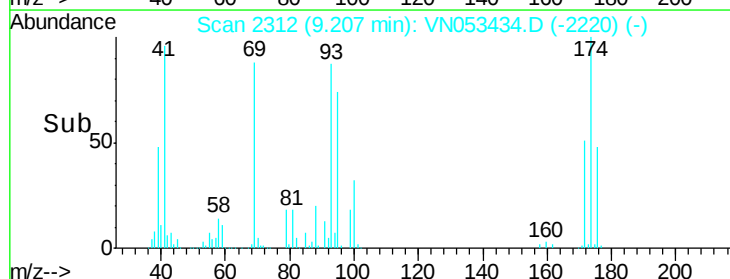
150000

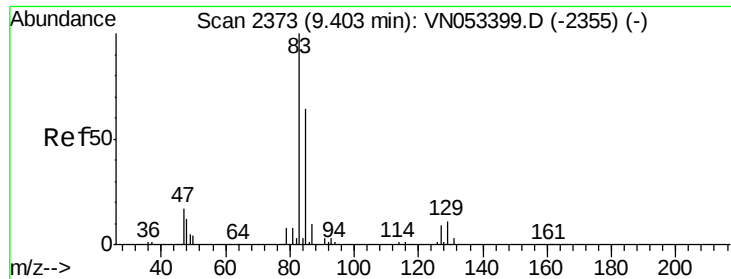
100000

50000

0

Time--> 9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 52.159 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

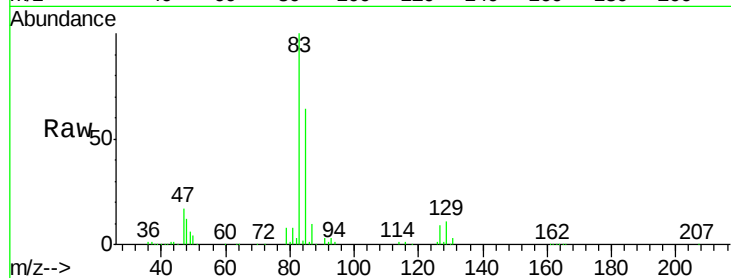
Tot Ion: 83 Resp: 548308

Ion Ratio Lower Upper

83 100

85 63.9 51.0 76.6

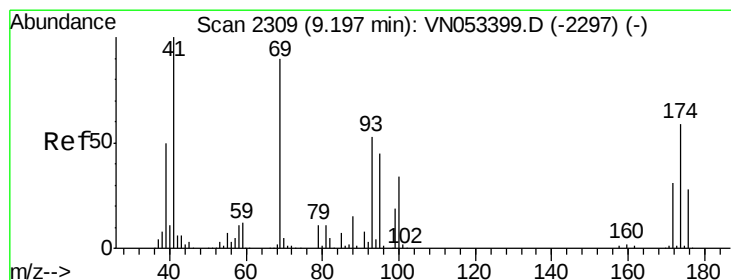
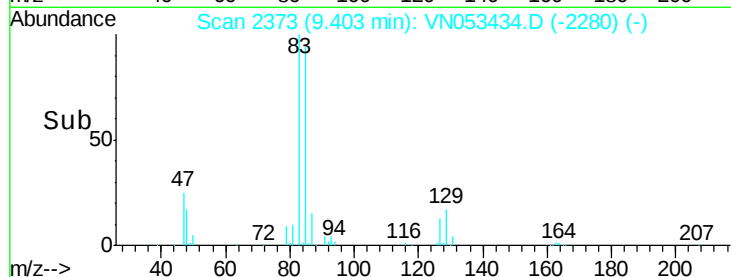
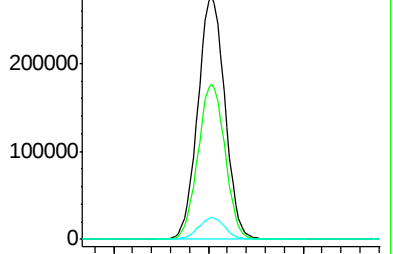
127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053399.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN053399.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN053399.D (-2355) (-)



#48

Methyl methacrylate

Concen: 53.264 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

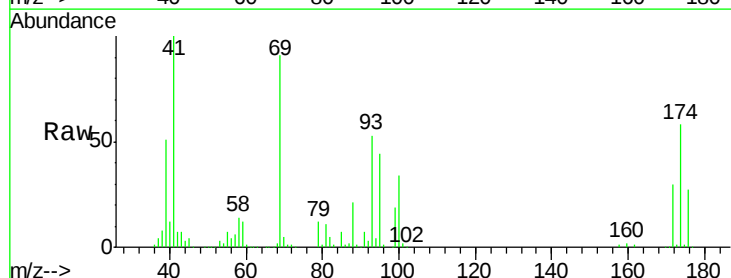
Tgt Ion: 41 Resp: 307538

Ion Ratio Lower Upper

41 100

69 94.1 73.8 110.6

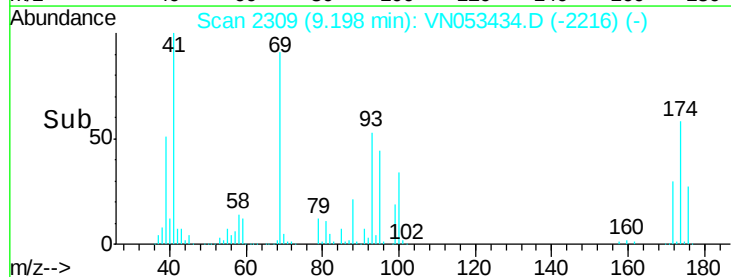
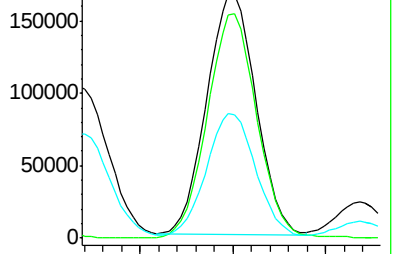
39 50.4 40.0 60.0

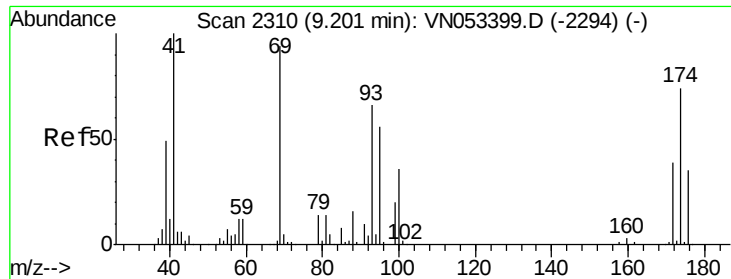


Abundance Ion 41.00 (40.70 to 41.70): VN053399.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN053399.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN053399.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1255.555 ug/l

RT: 9.20 min Scan# 2309

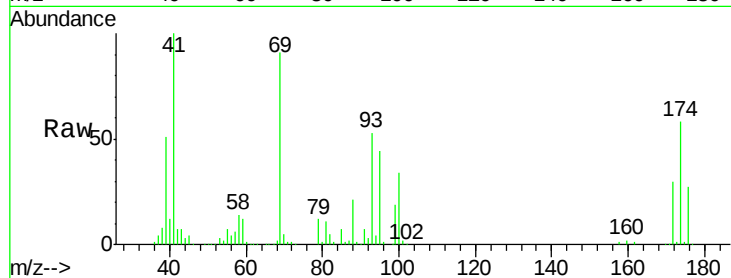
Delta R.T. -0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tot Ion: 88 Resp: 70799

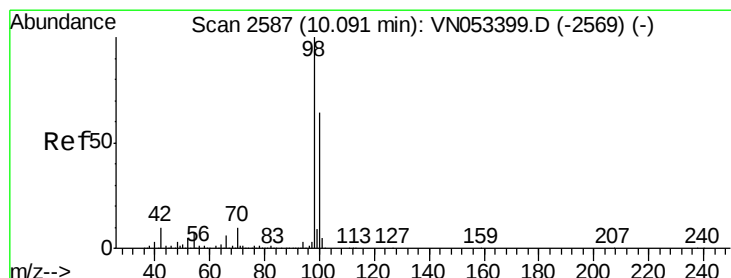
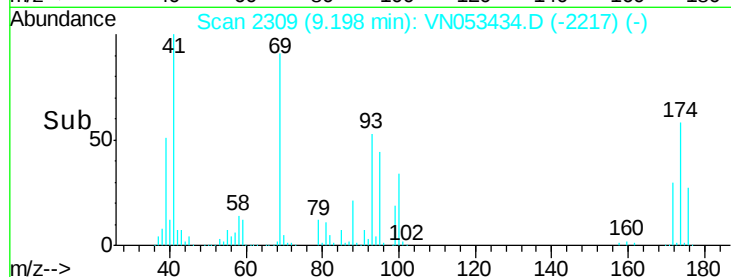
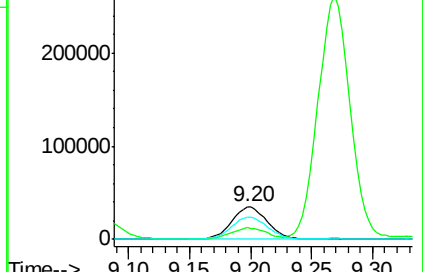
Ion	Ratio	Lower	Upper
88	100		
43	32.1	27.8	41.6
58	70.8	56.5	84.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 1255.555 ug/l

RT: 10.09 min Scan# 2587

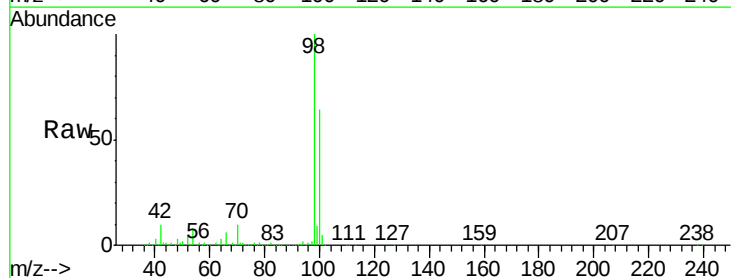
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

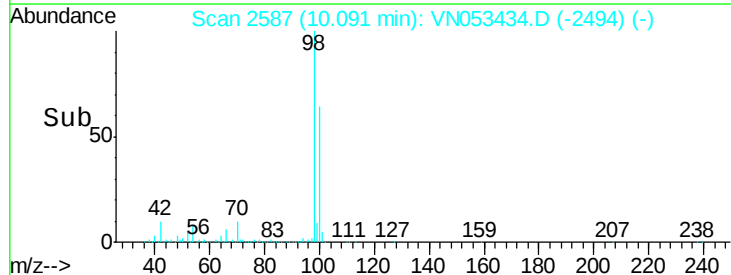
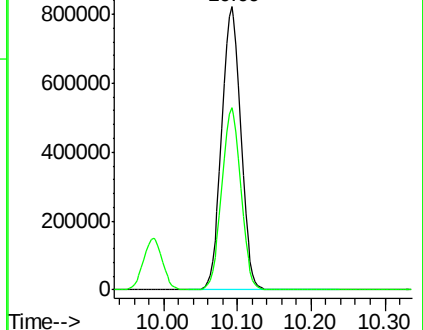
Tgt Ion: 98 Resp: 1491829

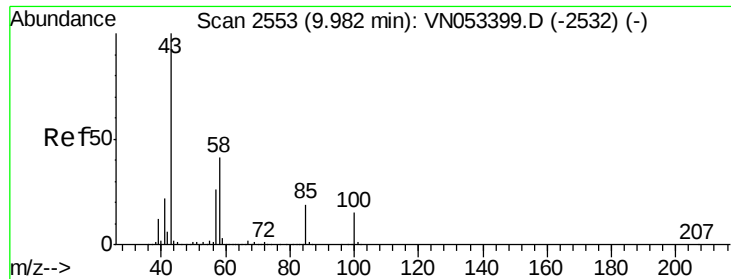
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

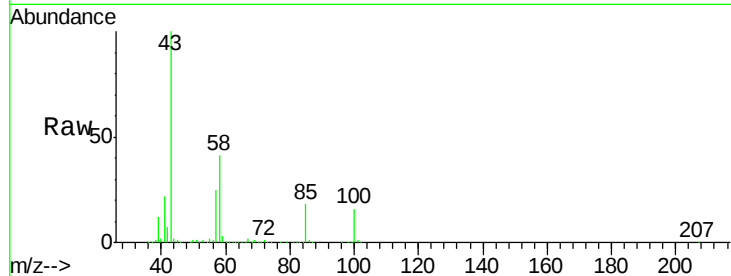
Ion 100.00 (99.70 to 100.70): VN0



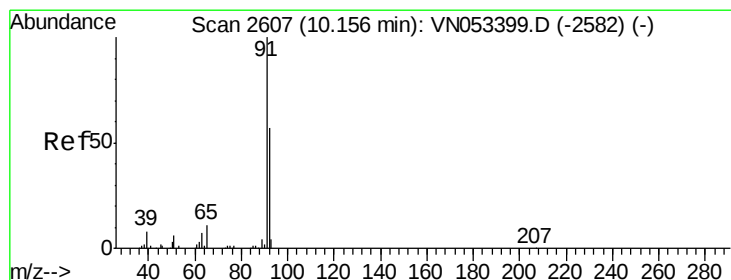
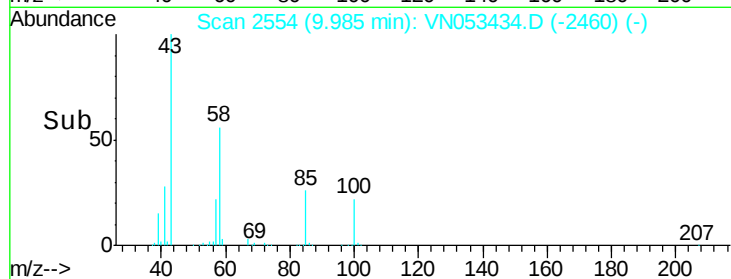
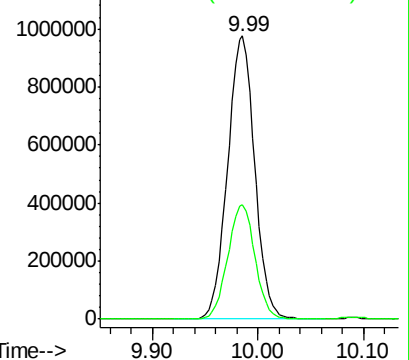


#51
4-Methyl-2-Pentanone
Concen: 284.585 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 43 Resp: 1737249
Ion Ratio Lower Upper
43 100
58 40.6 32.8 49.2

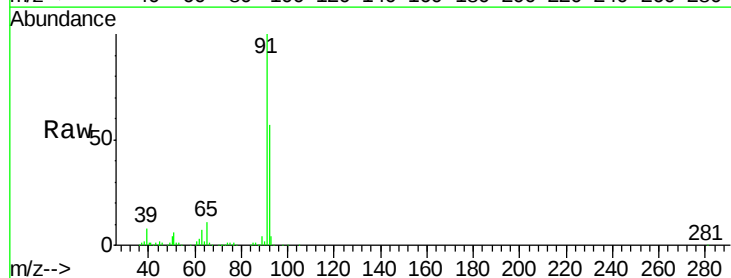


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

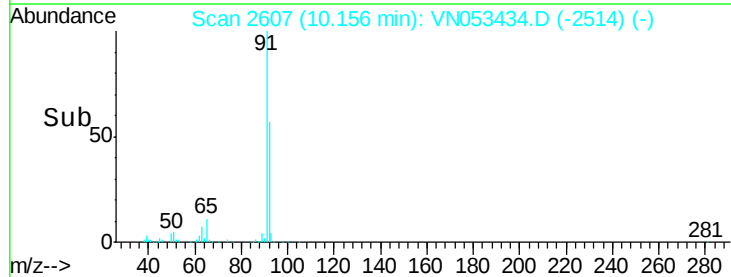
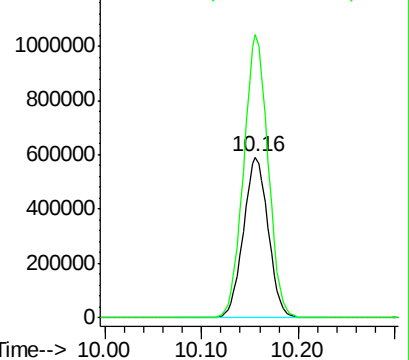


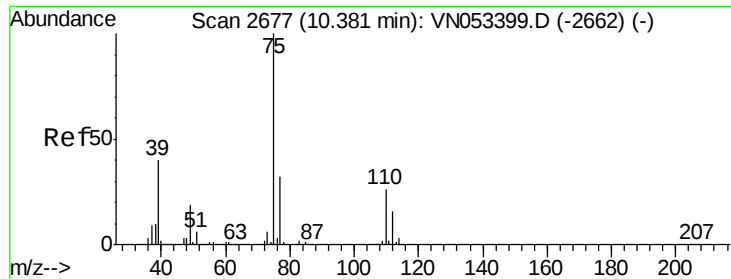
#52
Toluene
Concen: 51.439 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 92 Resp: 1048986
Ion Ratio Lower Upper
92 100
91 174.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0

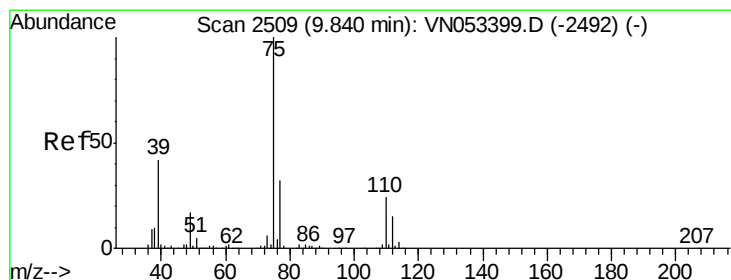
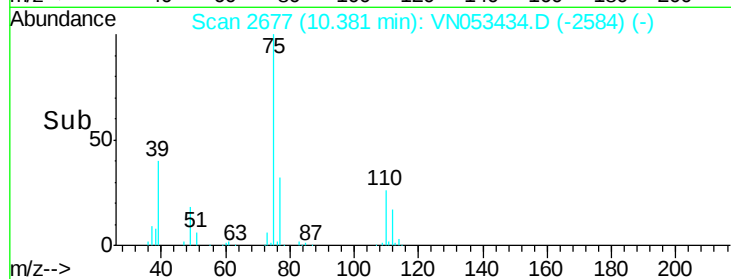
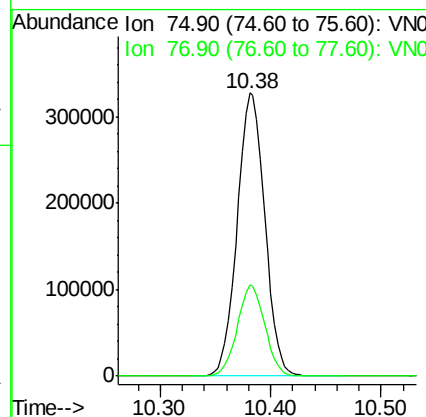
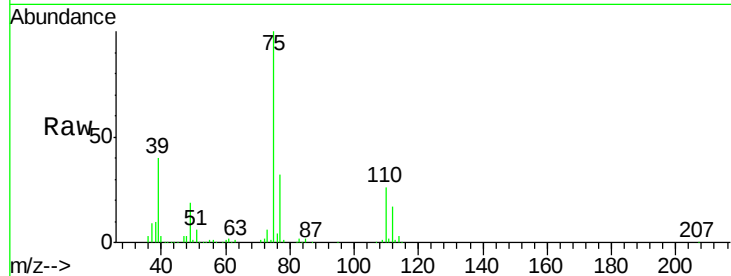




#53
t-1,3-Dichloropropene
Concen: 53.320 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion: 75 Resp: 568136

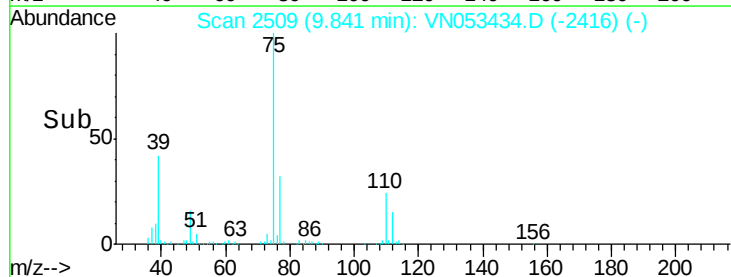
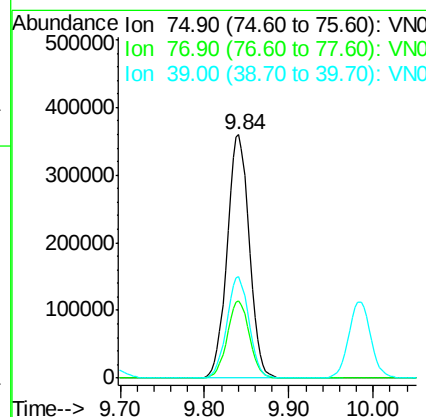
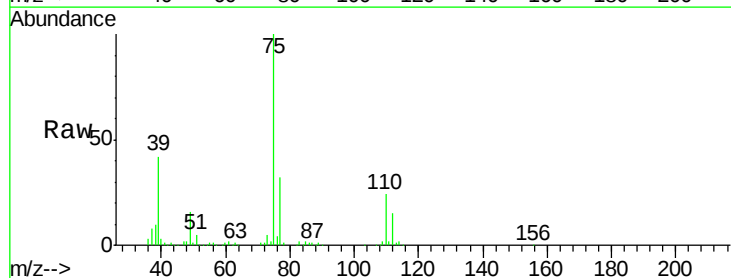
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

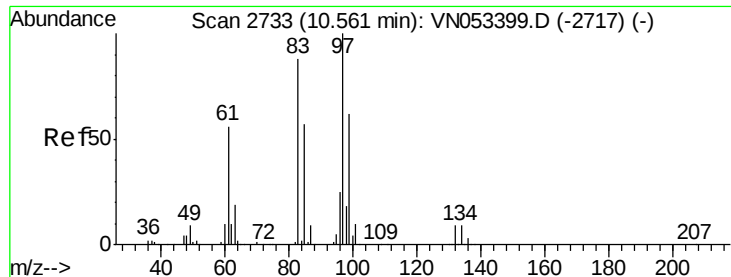


#54
cis-1,3-Dichloropropene
Concen: 52.589 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion: 75 Resp: 656877

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
39	41.5	33.4	50.0





#55

1,1,2-Trichloroethane

Concen: 53.276 ug/l

RT: 10.56 min Scan# 2733

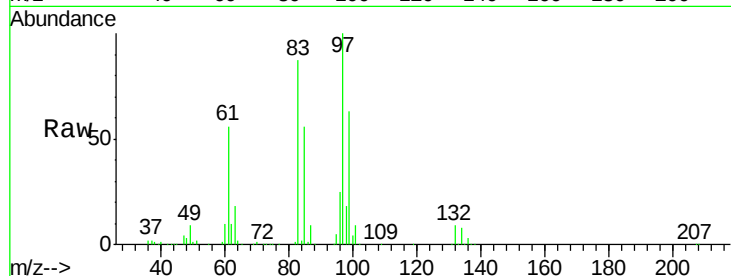
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tot Ion: 97 Resp: 374570

Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.1	105.1
85	56.0	45.4	68.0
99	62.9	49.8	74.8



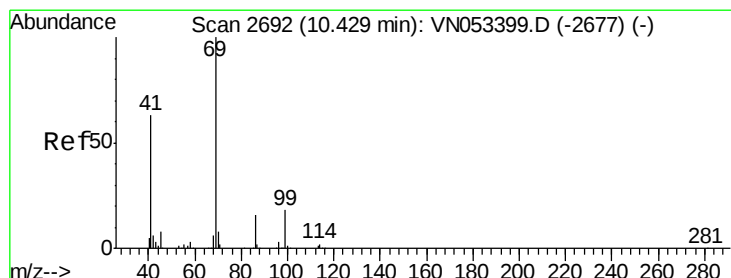
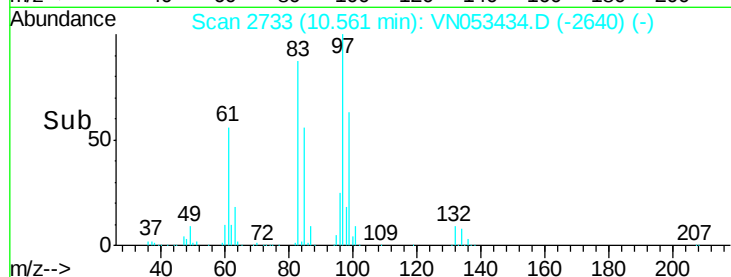
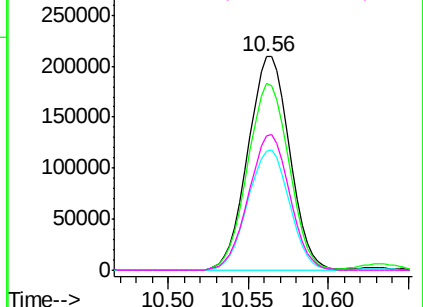
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 49.630 ug/l

RT: 10.43 min Scan# 2692

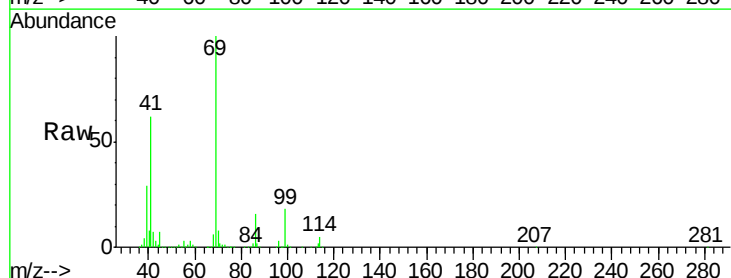
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tgt Ion: 69 Resp: 495040

Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.4	74.0
39	29.4	23.3	34.9

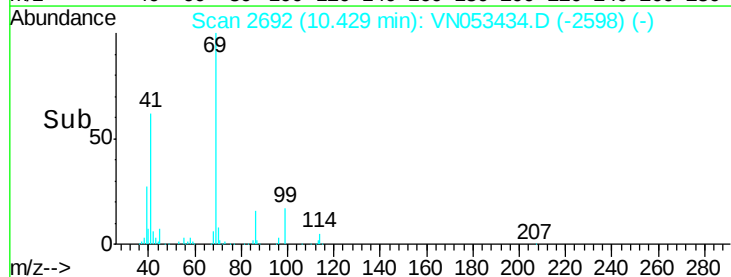
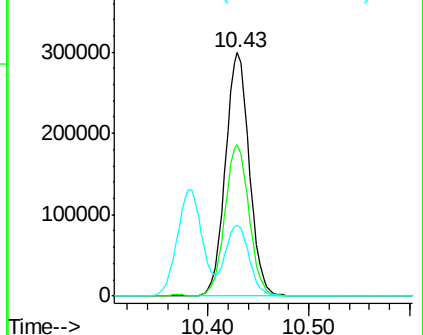


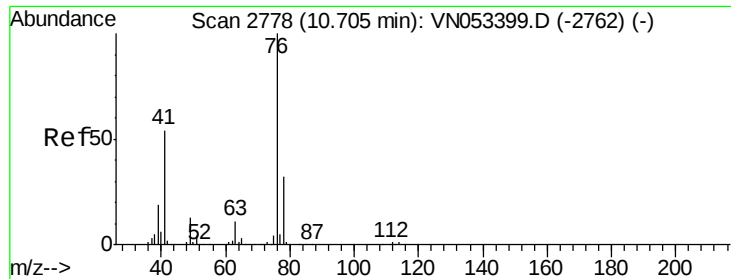
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

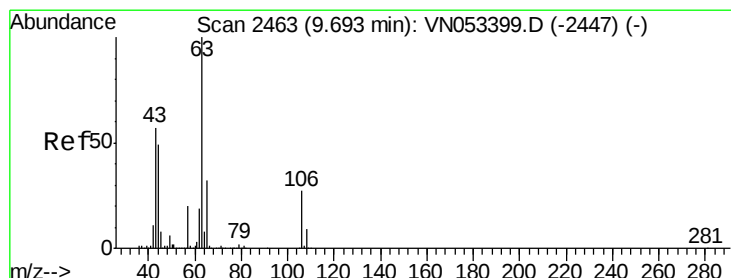
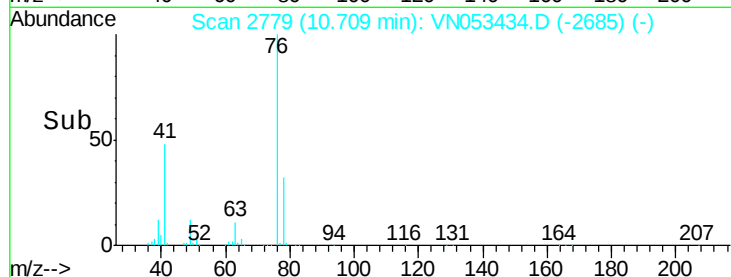
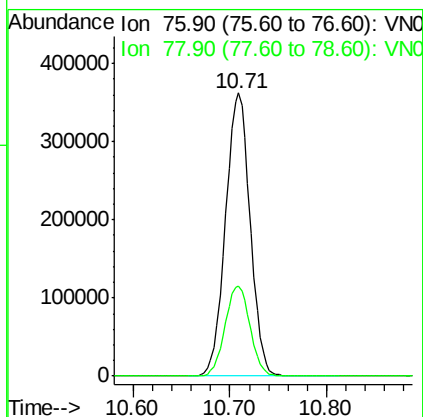
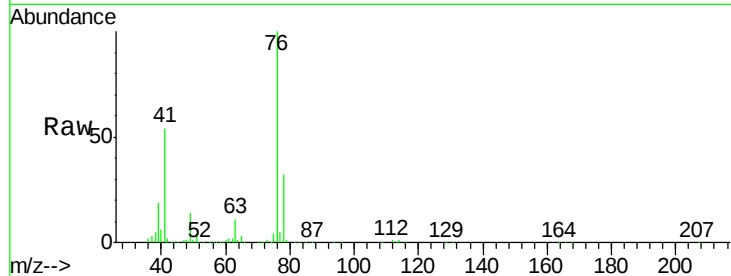
Ion 39.00 (38.70 to 39.70): VNO





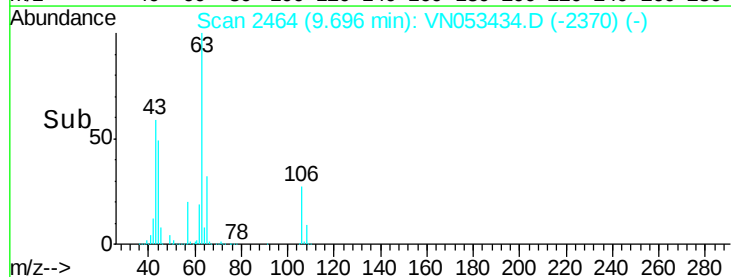
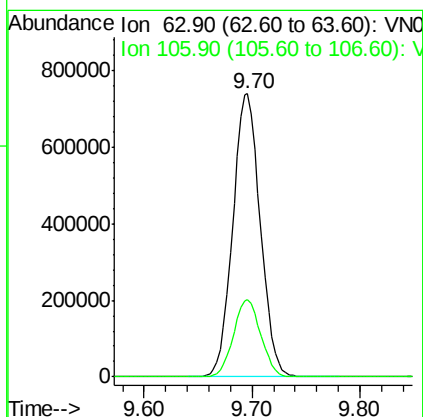
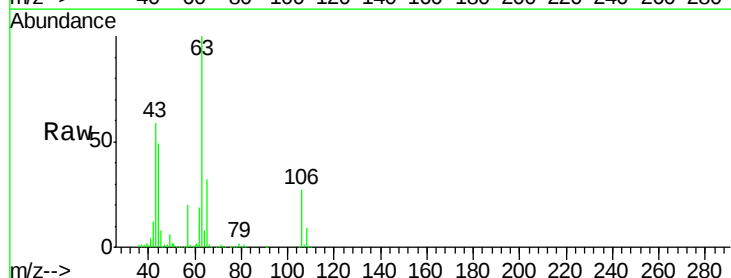
#57
 1,3-Dichloropropane
 Concen: 52.506 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

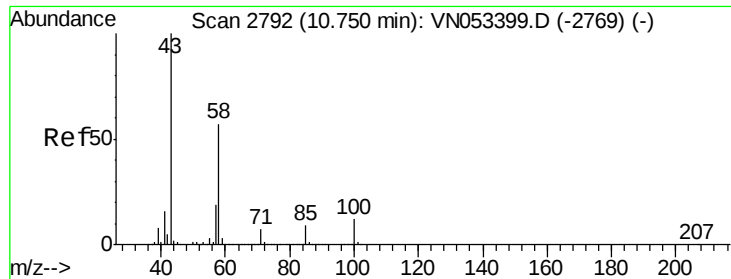
Tot Ion: 76 Resp: 638592
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.813 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

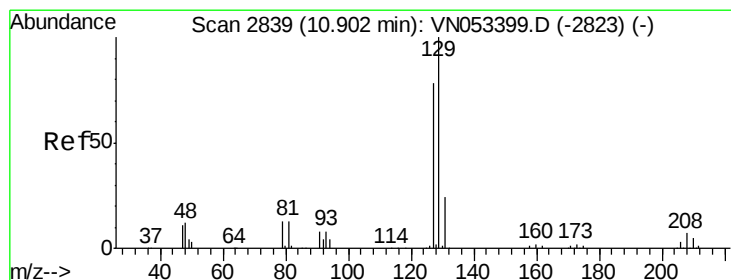
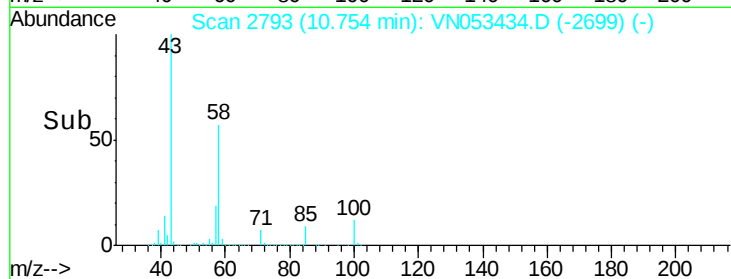
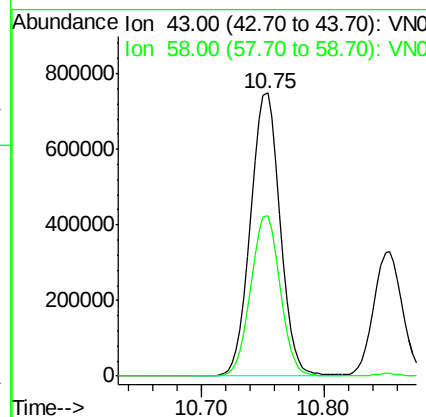
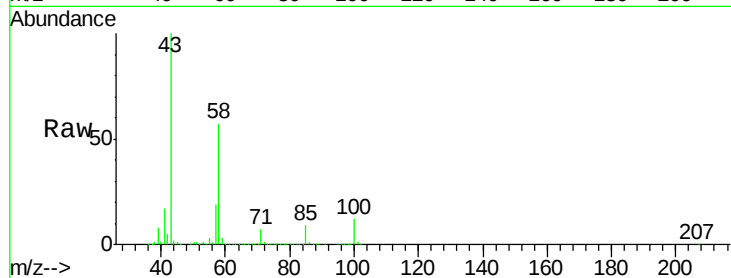
Tgt Ion: 63 Resp: 1312351
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.5 32.3





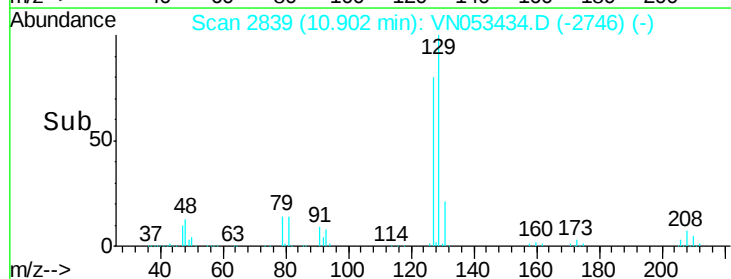
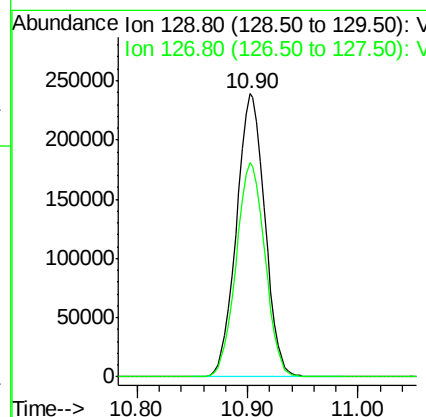
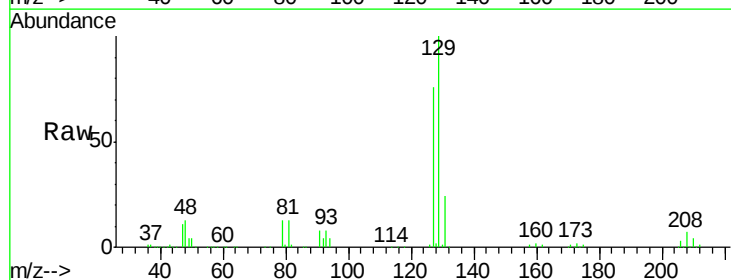
#59
2-Hexanone
Concen: 290.017 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

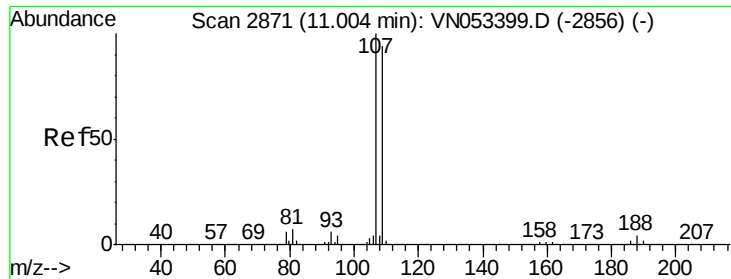
Tot Ion: 43 Resp: 1242809
Ion Ratio Lower Upper
43 100
58 56.6 28.6 85.8



#60
Dibromochloromethane
Concen: 53.439 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

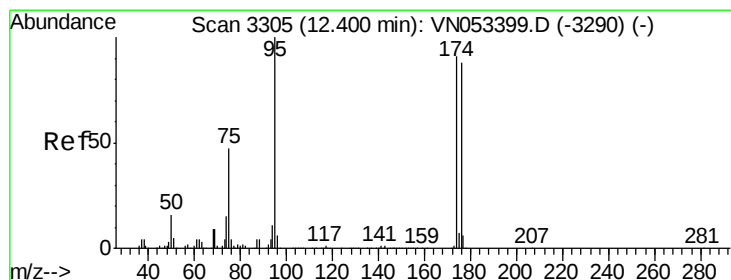
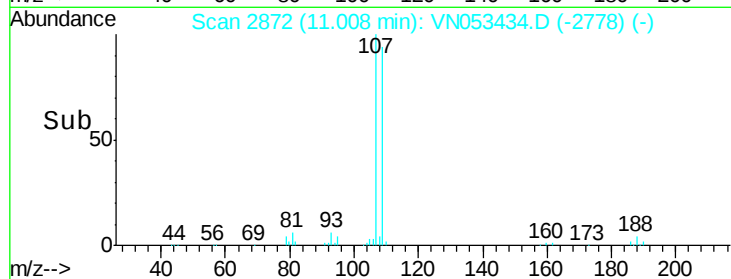
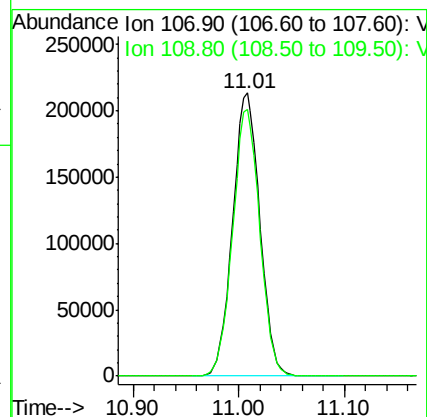
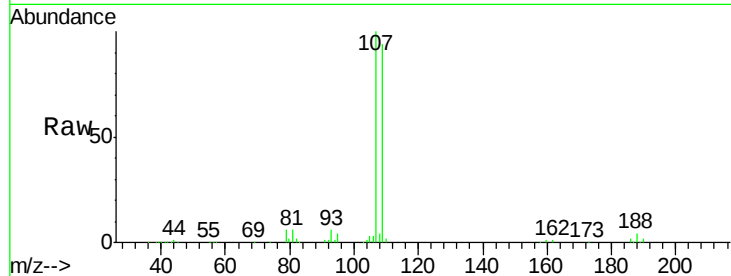
Tgt Ion: 129 Resp: 426138
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





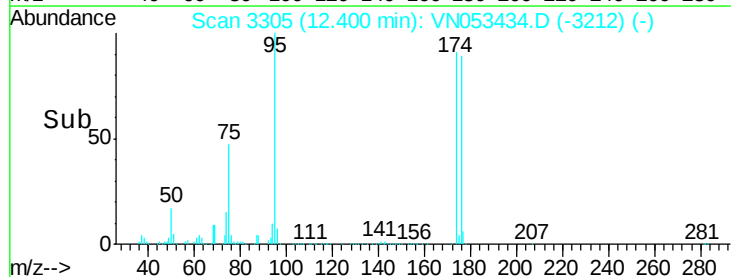
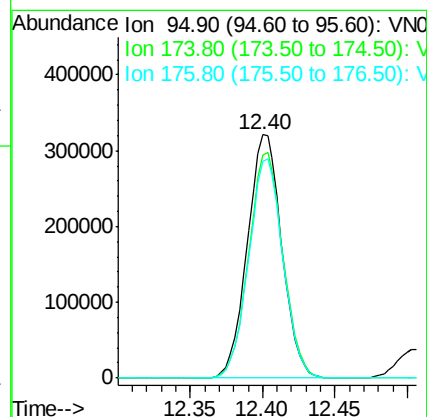
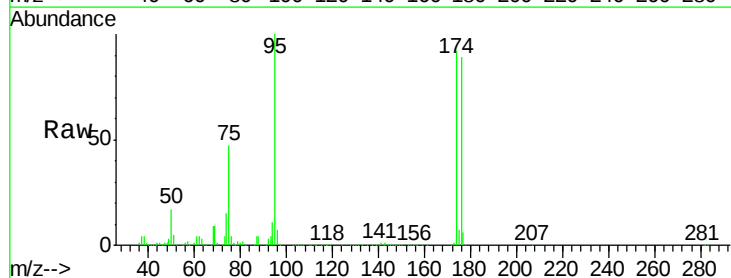
#61
 1,2-Dibromoethane
 Concen: 53.407 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

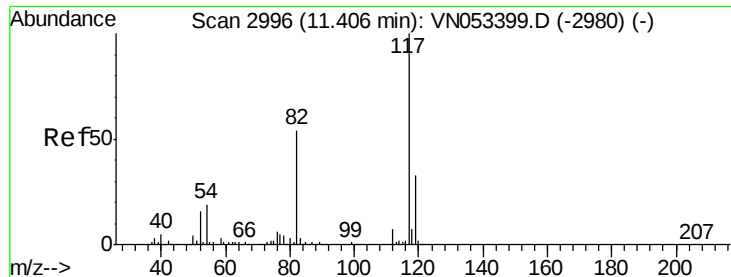
Tot Ion: 107 Resp: 379752
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.407 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

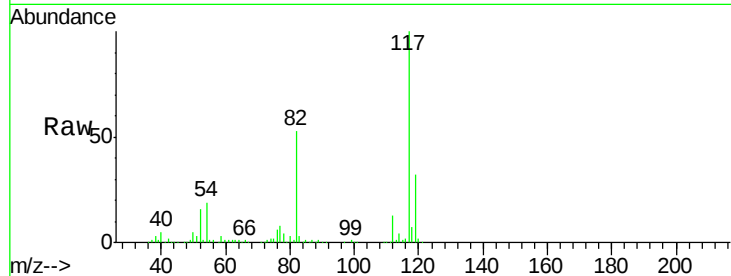
Tgt Ion: 95 Resp: 530818
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 183.2
 176 89.5 0.0 177.4



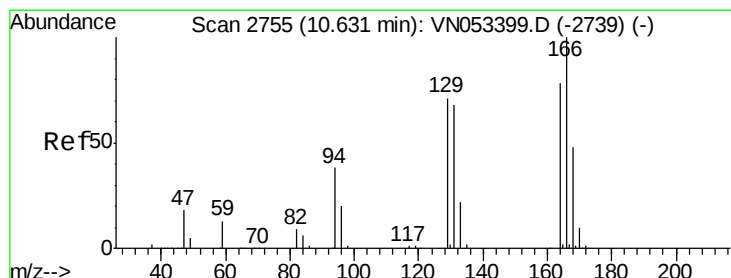
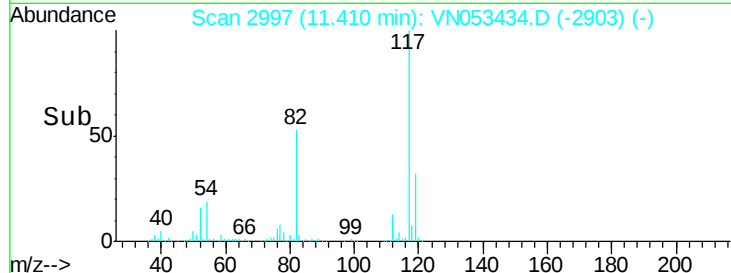
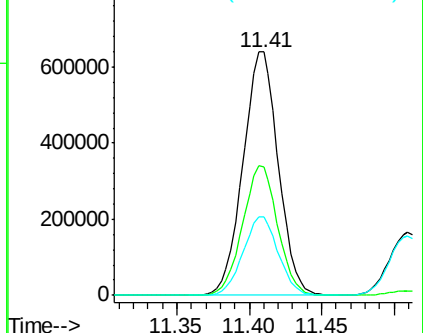


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion:117 Resp: 1084365
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 32.2 26.0 39.0

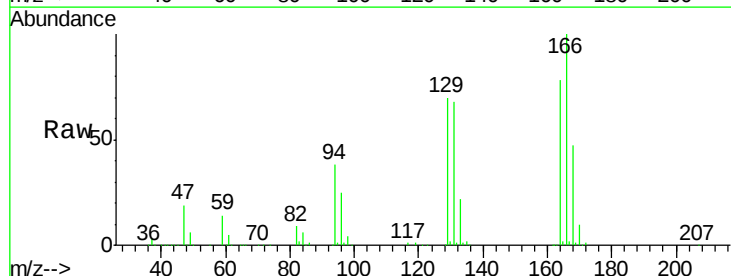


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

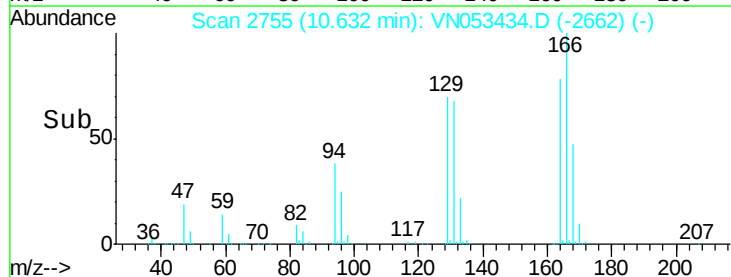
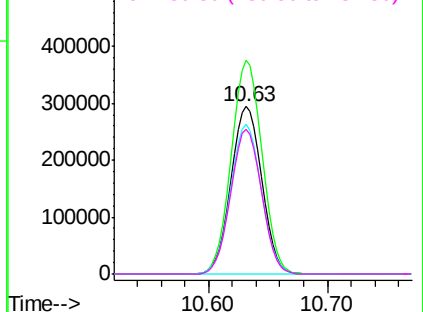


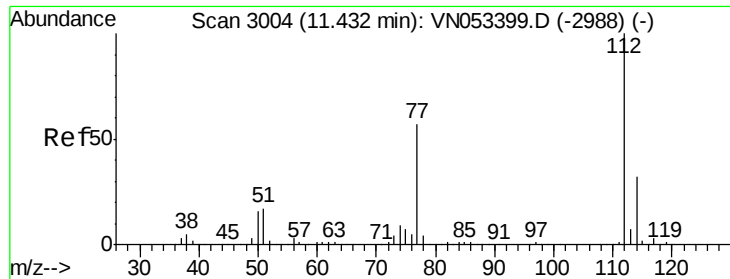
#64
Tetrachloroethene
Concen: 51.786 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion:164 Resp: 529202
Ion Ratio Lower Upper
164 100
166 127.4 102.2 153.4
129 89.0 72.6 109.0
131 86.5 69.5 104.3



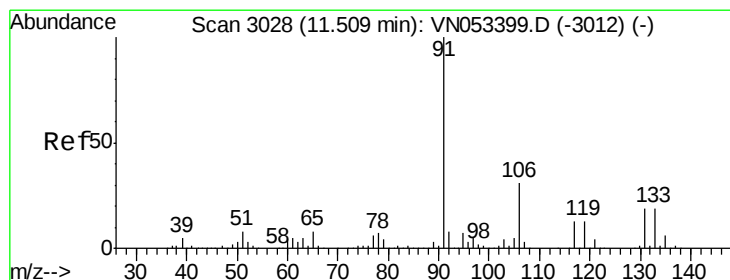
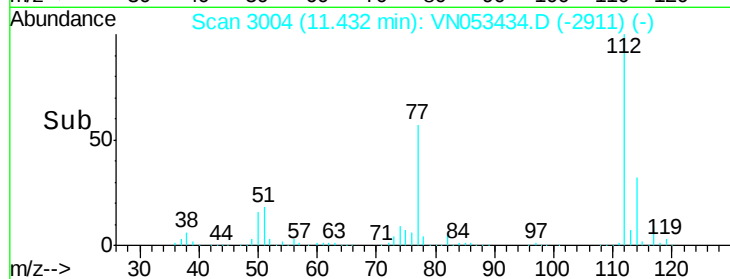
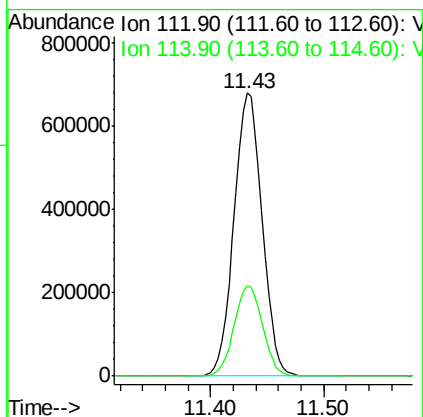
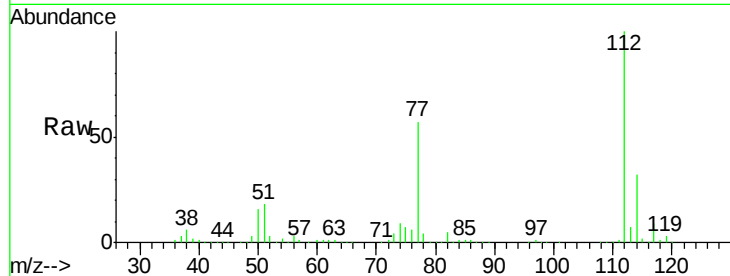
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





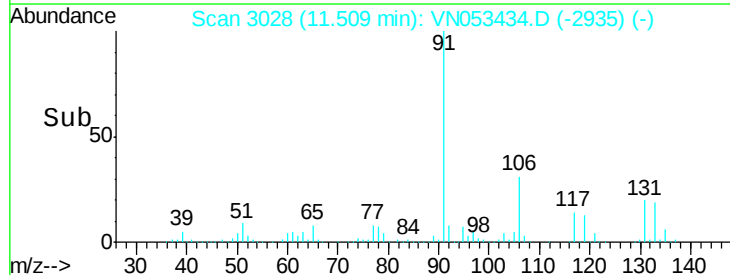
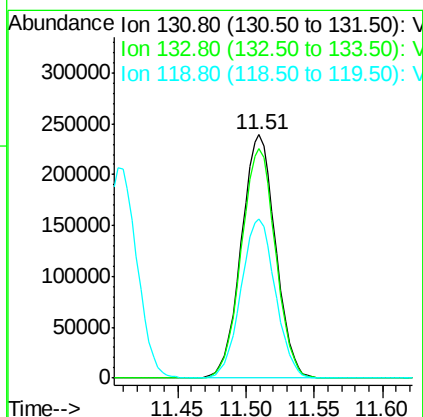
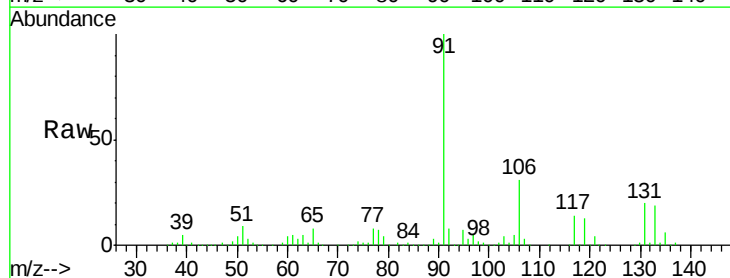
#65
Chlorobenzene
Concen: 51.204 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

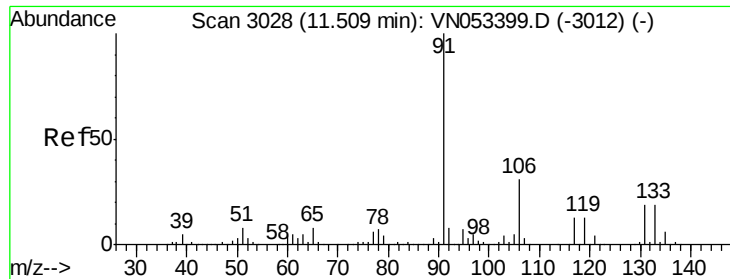
Tot Ion:112 Resp: 1175261
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.084 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

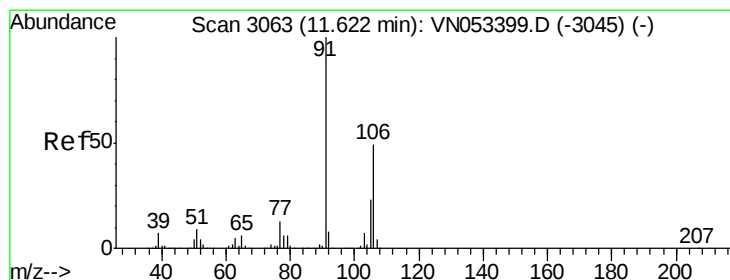
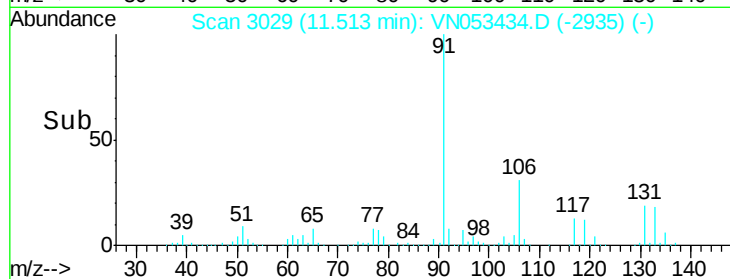
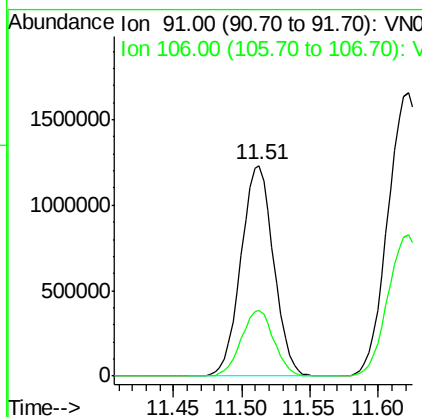
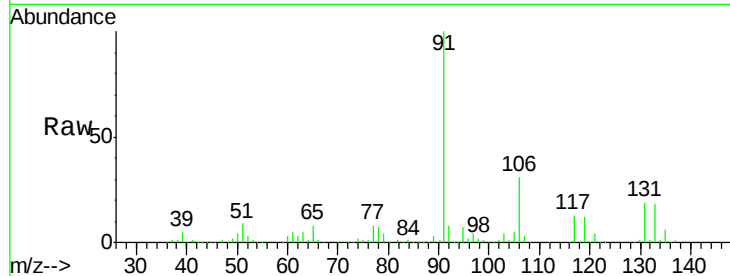
Tgt Ion:131 Resp: 415884
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 65.7 33.5 100.5





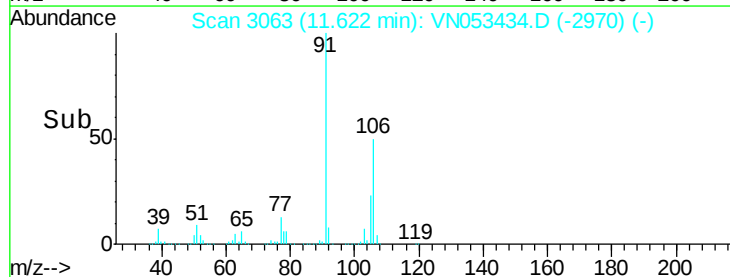
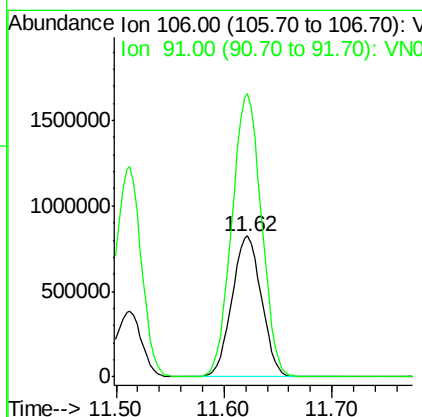
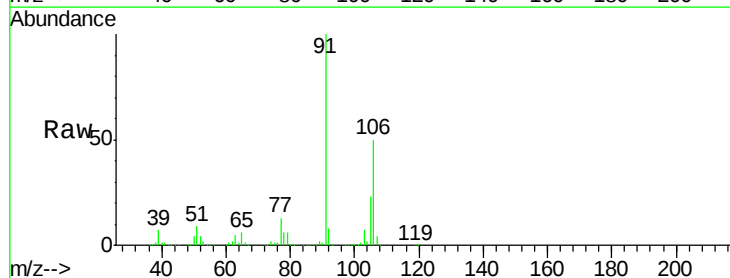
#67
Ethvl Benzene
Concen: 52.306 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

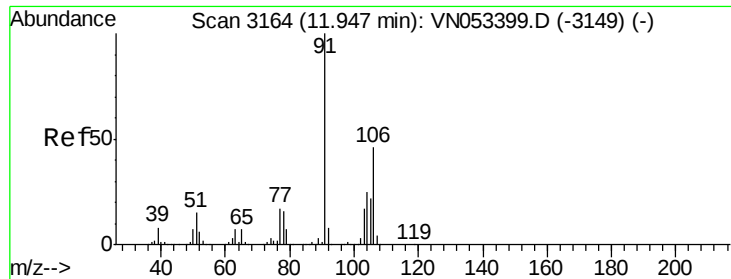
Tot Ion: 91 Resp: 2046037
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 106.552 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

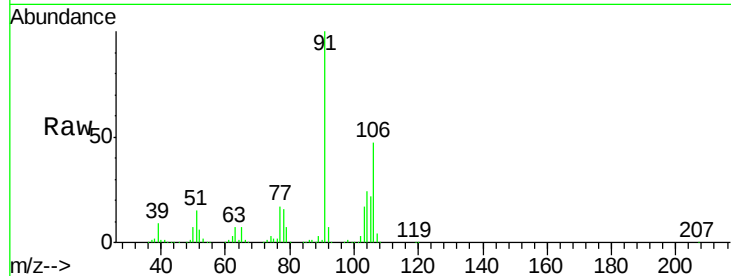
Tgt Ion: 106 Resp: 1573626
Ion Ratio Lower Upper
106 100
91 201.5 161.4 242.2



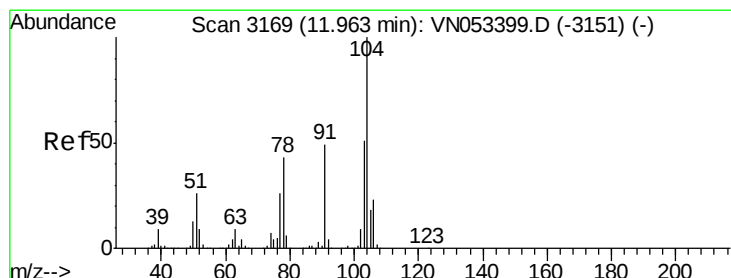
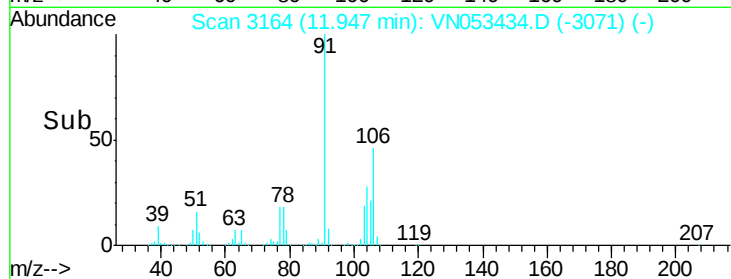
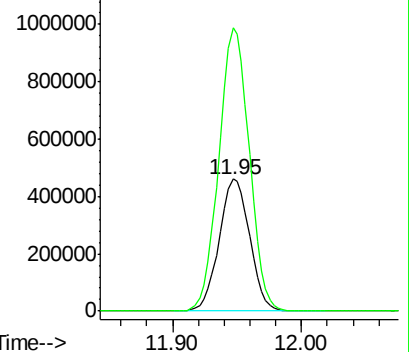


#69
o-Xylene
Concen: 52.826 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion:106 Resp: 758087
Ion Ratio Lower Upper
106 100
91 213.2 106.9 320.8

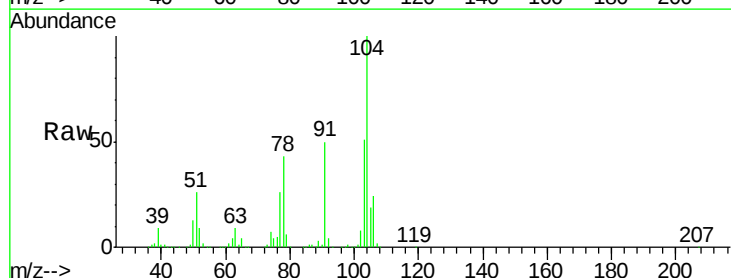


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

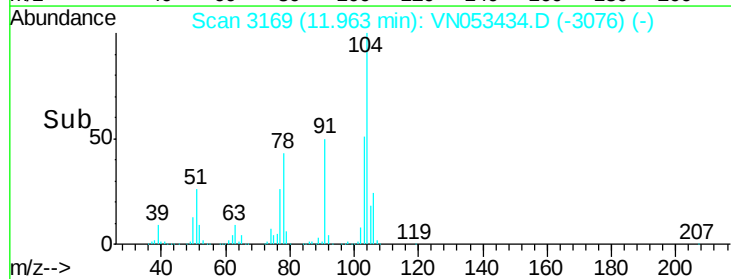
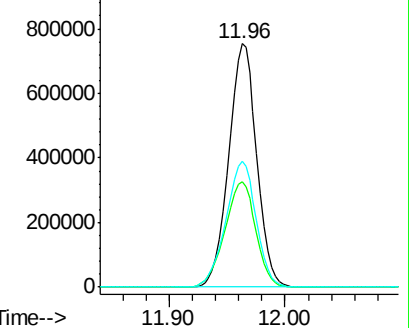


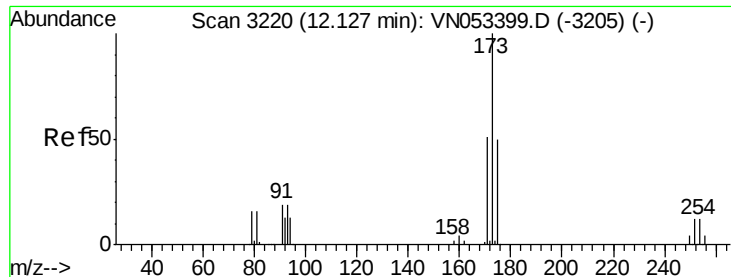
#70
Styrene
Concen: 54.219 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion:104 Resp: 1262792
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 55.8 44.4 66.6



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





#71

Bromoform

Concen: 55.673 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

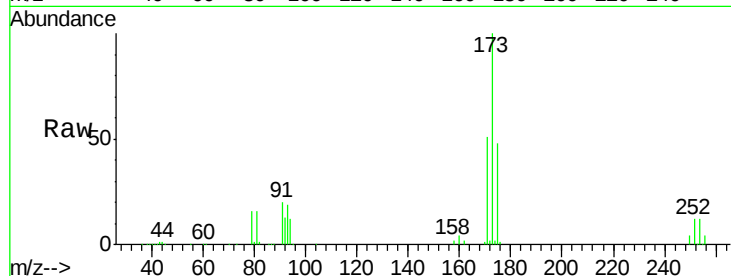
Tot Ion:173 Resp: 306039

Ion Ratio Lower Upper

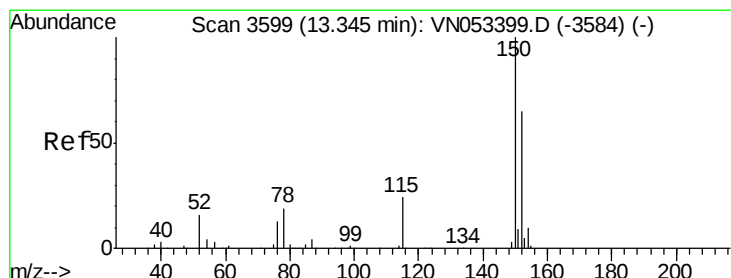
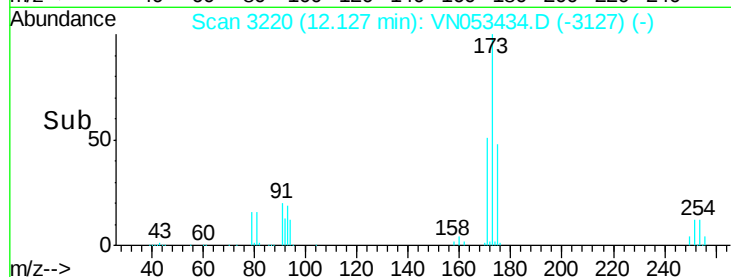
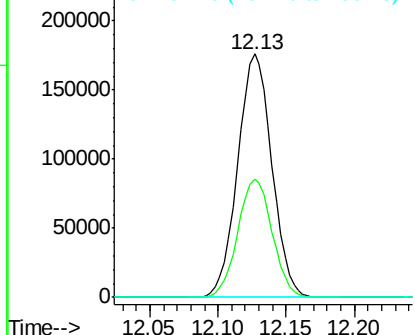
173 100

175 49.0 24.6 74.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

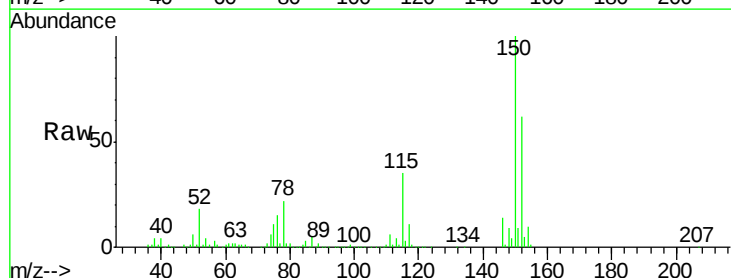
Tgt Ion:152 Resp: 554330

Ion Ratio Lower Upper

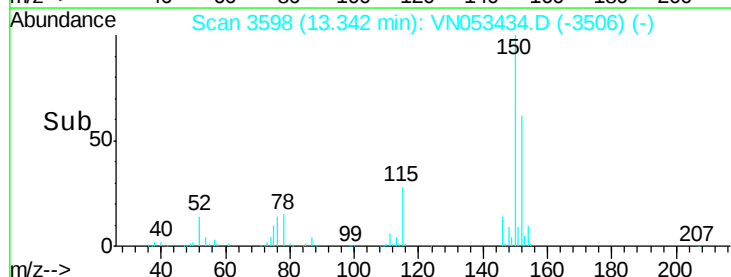
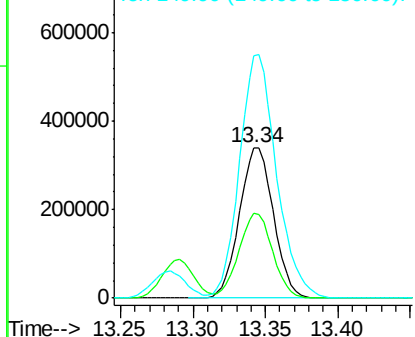
152 100

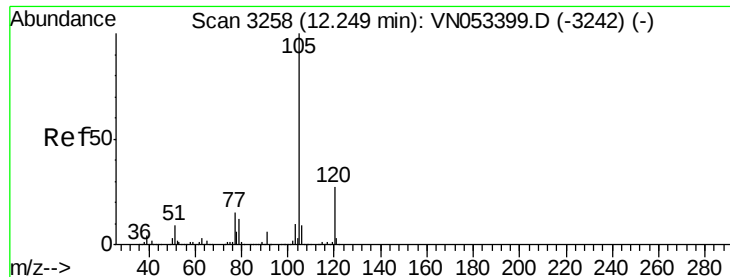
115 55.8 27.8 83.4

150 175.6 0.0 349.0



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





#73

Isopropylbenzene

Concen: 50.370 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053434.D

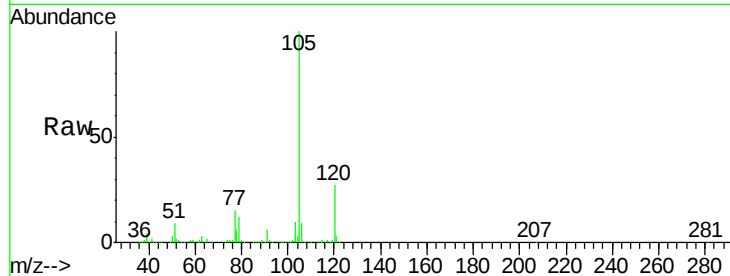
Acq: 17 Jan 2019 14:48

Tot Ion: 105 Resp: 2044716

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

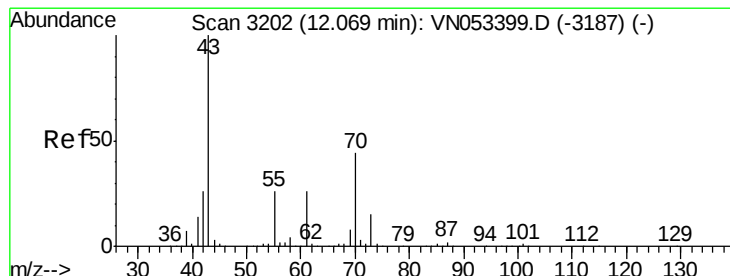
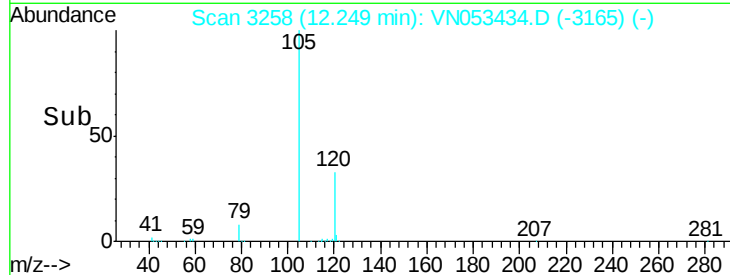
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 53.493 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tgt Ion: 43 Resp: 578868

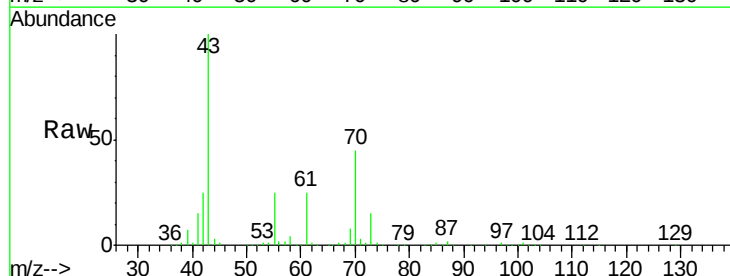
Ion Ratio Lower Upper

43 100

70 44.4 35.4 53.2

55 25.9 20.9 31.3

61 25.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

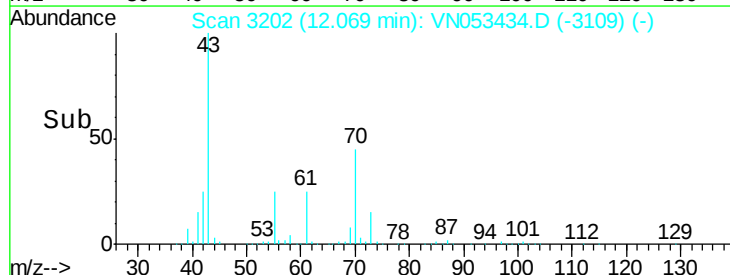
200000

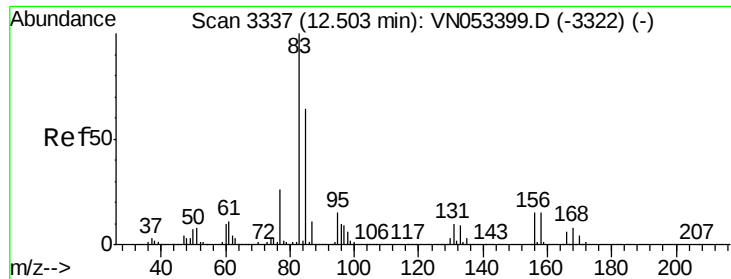
100000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 50.335 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

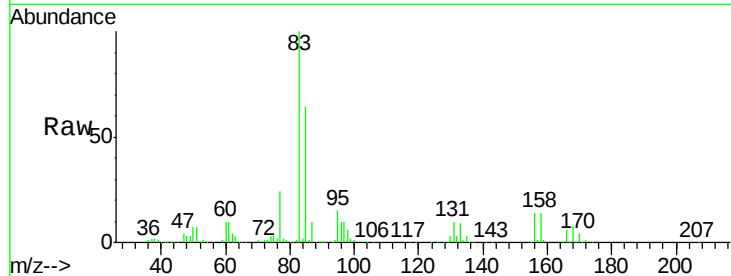
Tot Ion: 83 Resp: 428535

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

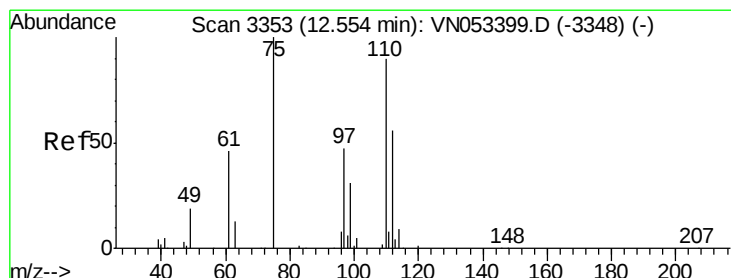
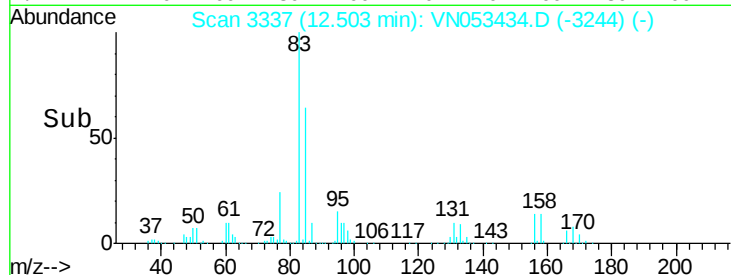
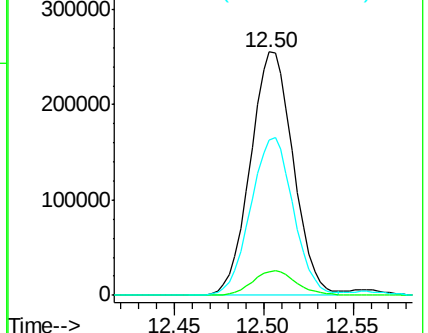
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 82.402 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053434.D

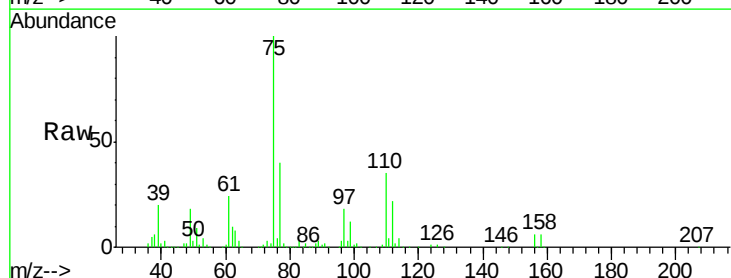
Acq: 17 Jan 2019 14:48

Tgt Ion: 75 Resp: 601945

Ion Ratio Lower Upper

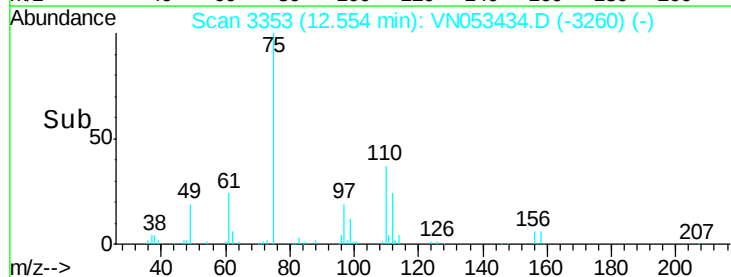
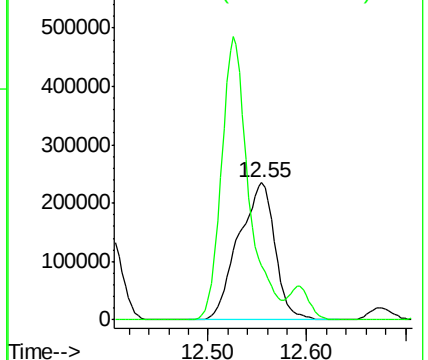
75 100

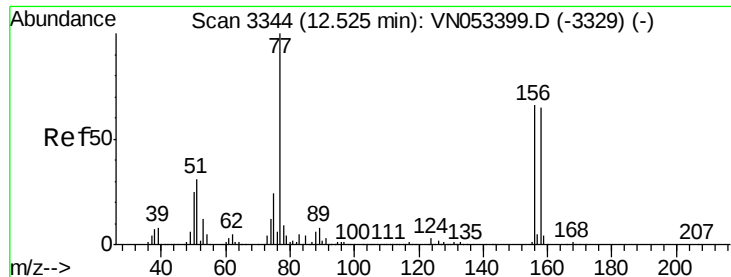
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.154 ug/l

RT: 12.53 min Scan# 3344

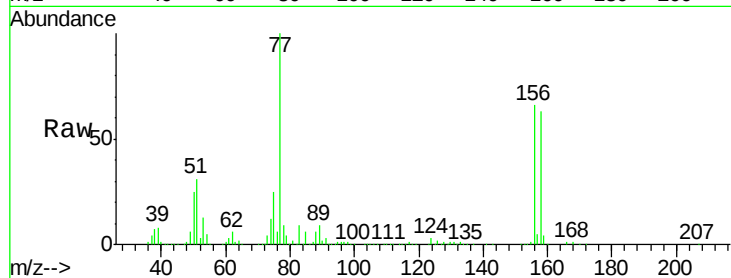
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tot Ion:156 Resp: 536473

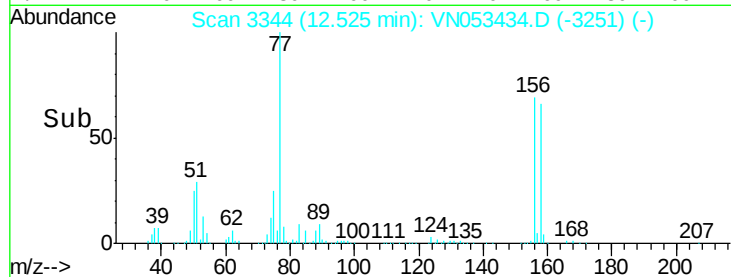
Ion	Ratio	Lower	Upper
156	100		
77	175.2	87.9	263.8
158	96.2	48.8	146.4



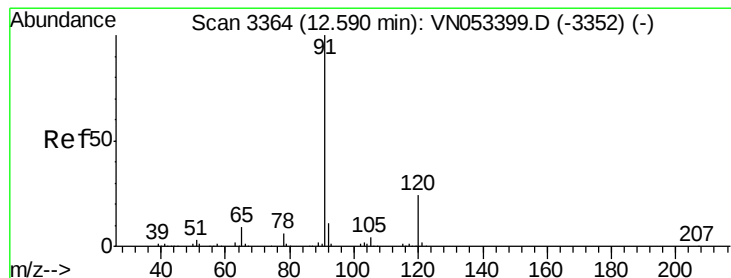
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 51.741 ug/l

RT: 12.59 min Scan# 3365

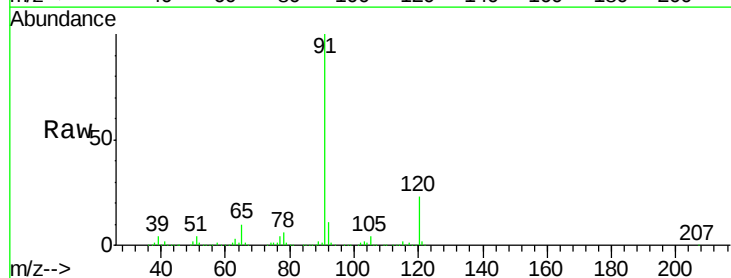
Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

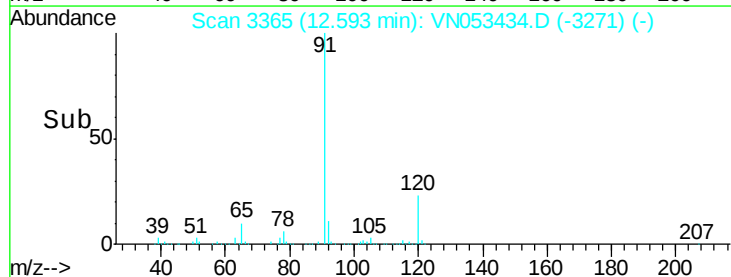
Tgt Ion: 91 Resp: 2410966

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5

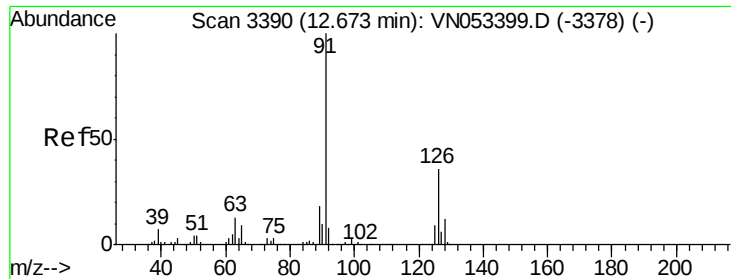


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 50.083 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053434.D

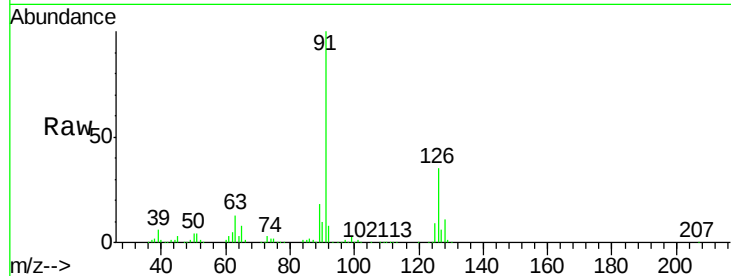
Acq: 17 Jan 2019 14:48

Tot Ion: 91 Resp: 1383287

Ion Ratio Lower Upper

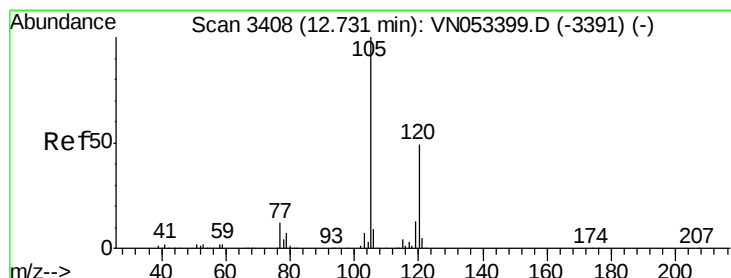
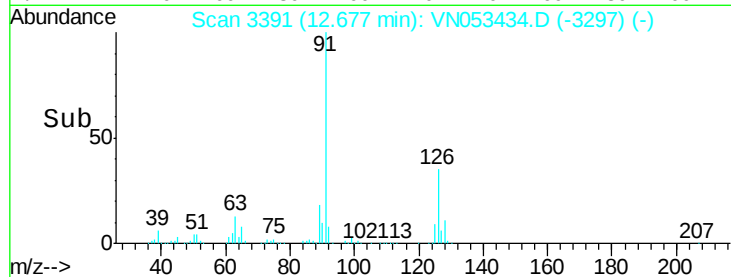
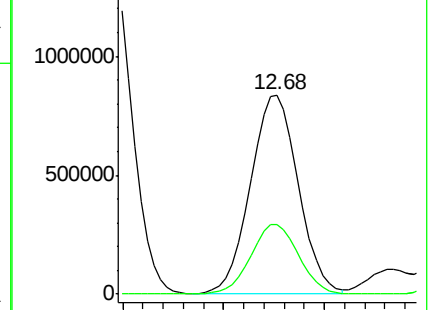
91 100

126 35.4 17.9 53.7



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

Ion 125.90 (125.60 to 126.60): VN053399.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.767 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053434.D

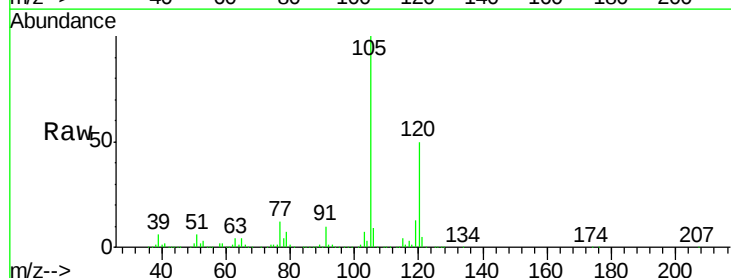
Acq: 17 Jan 2019 14:48

Tgt Ion: 105 Resp: 1709768

Ion Ratio Lower Upper

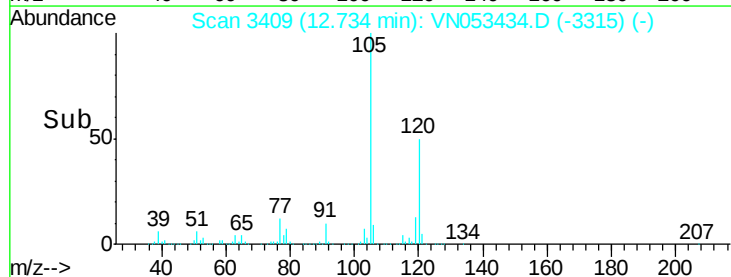
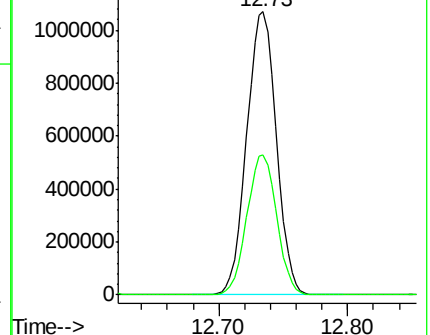
105 100

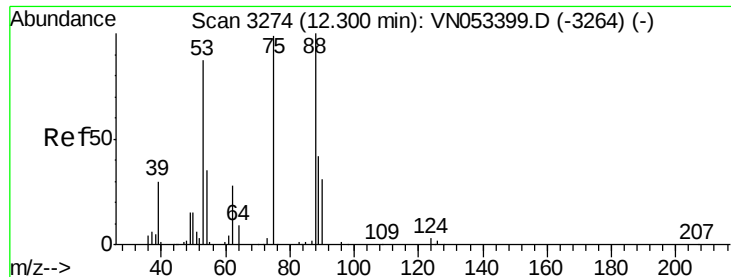
120 49.7 24.9 74.6



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

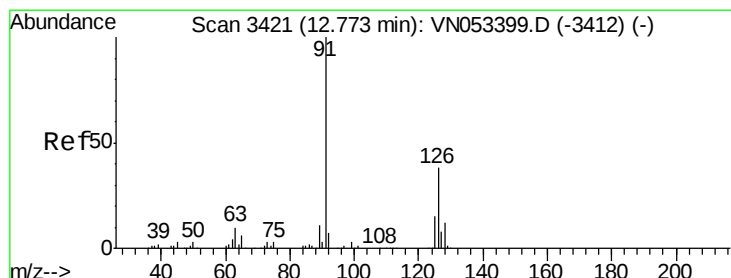
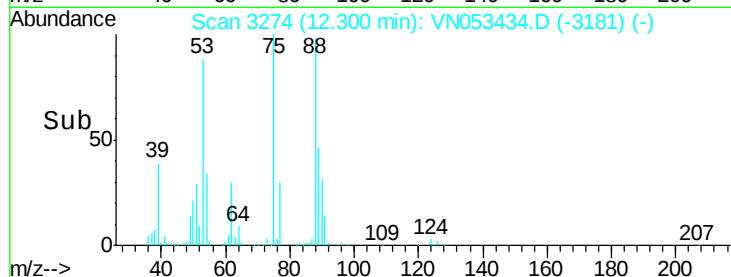
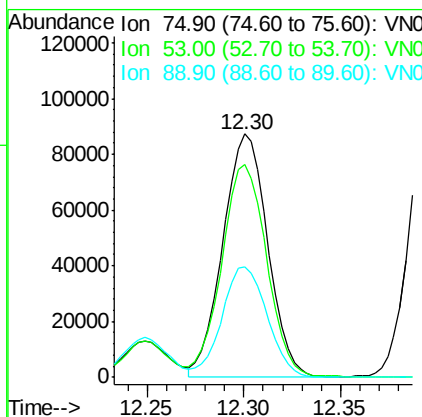
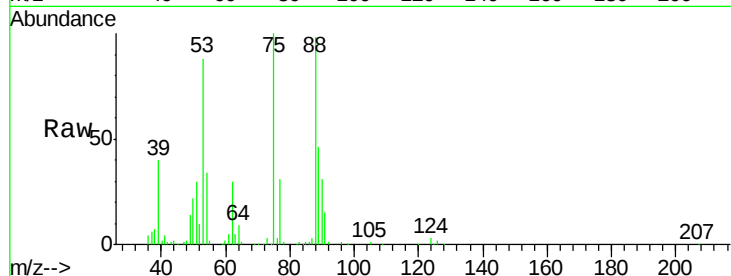
Ion 120.00 (119.70 to 120.70): VN053399.D (-3391) (-)





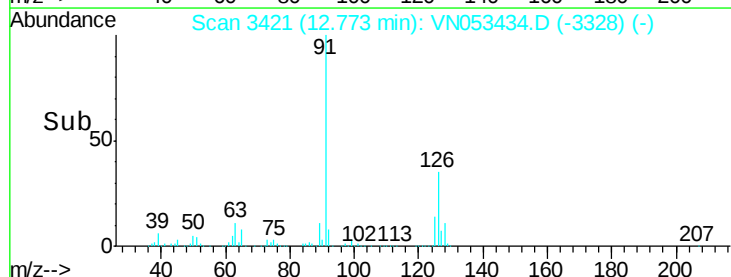
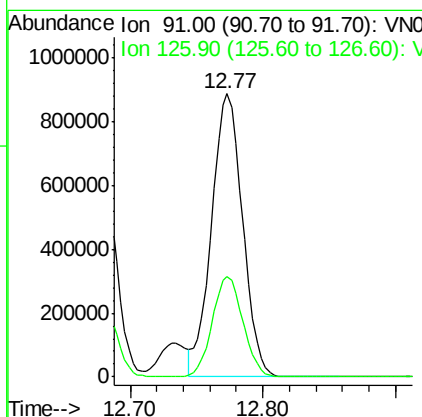
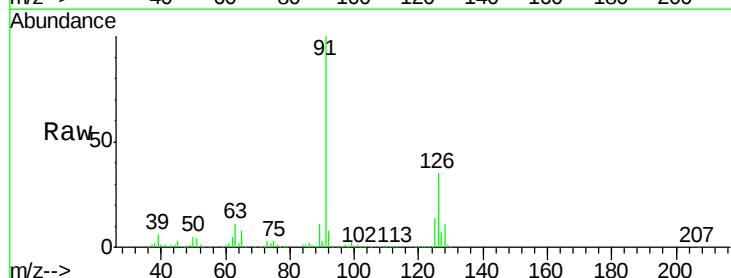
#81
trans-1,4-Dichloro-2-butene
Concen: 48.824 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

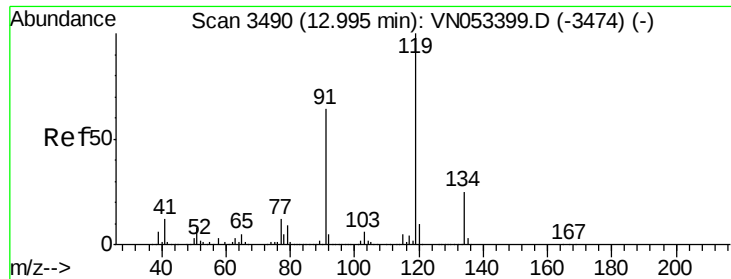
Tot Ion	Ratio	Lower	Upper
75	100		
53	88.5	69.8	104.6
89	45.8	35.6	53.4



#82
4-Chlorotoluene
Concen: 51.156 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

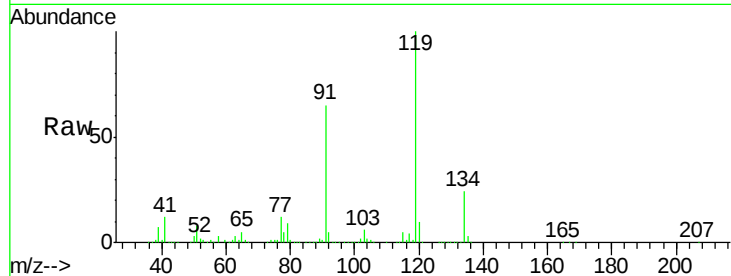
Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.6	52.9



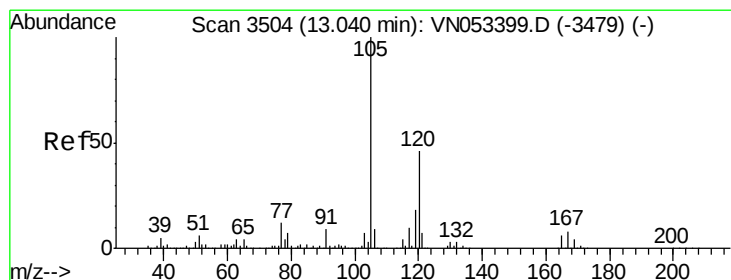
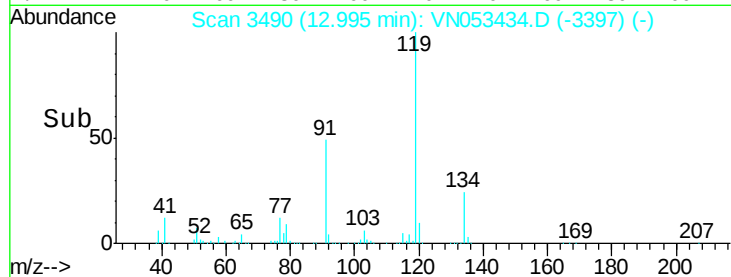
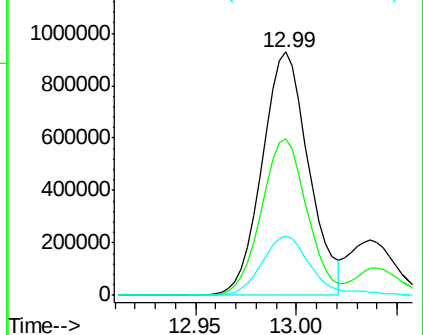


#83
tert-Butylbenzene
Concen: 51.159 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion:119 Resp: 1492382
Ion Ratio Lower Upper
119 100
91 62.9 31.3 93.8
134 25.7 12.9 38.7

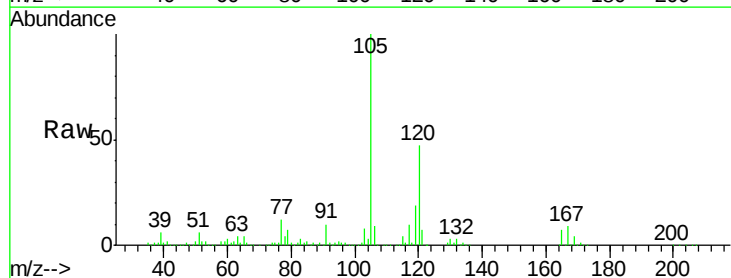


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

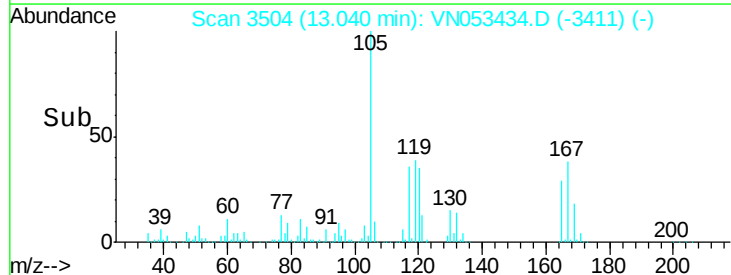
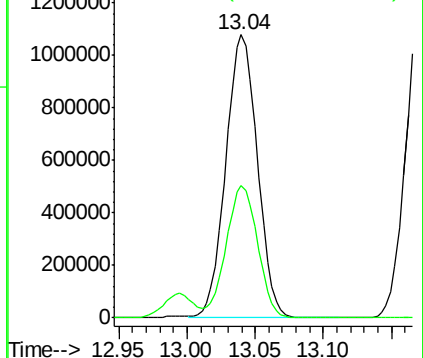


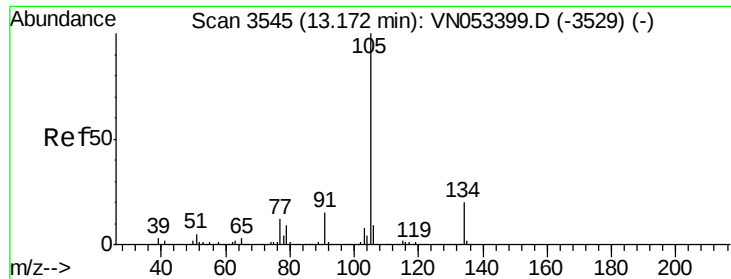
#84
1,2,4-Trimethylbenzene
Concen: 51.957 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion:105 Resp: 1730297
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 52.352 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053434.D

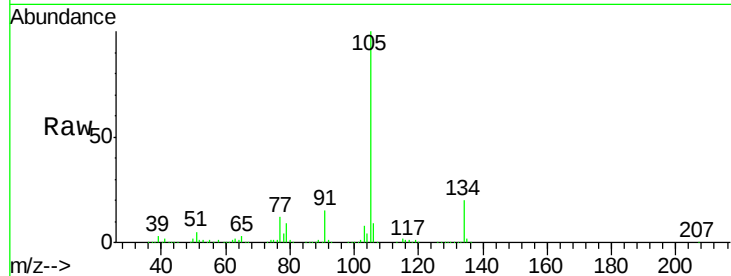
Acq: 17 Jan 2019 14:48

Tot Ion:105 Resp: 2094459

Ion Ratio Lower Upper

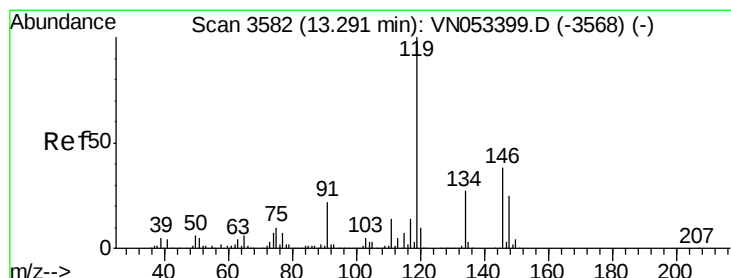
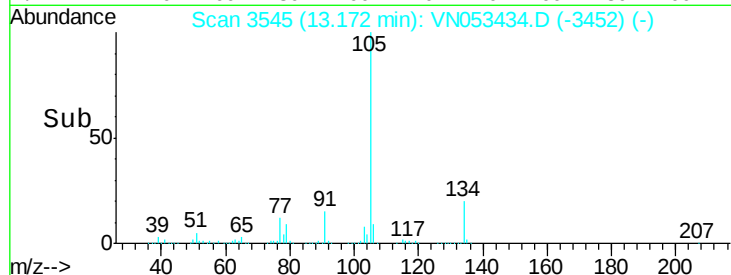
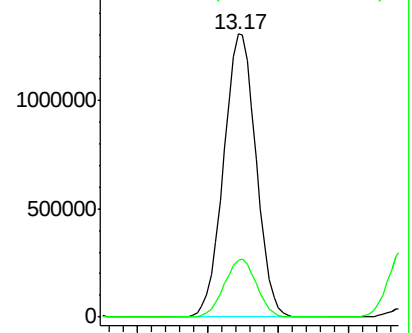
105 100

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



#86

p-Isopropyltoluene

Concen: 53.028 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

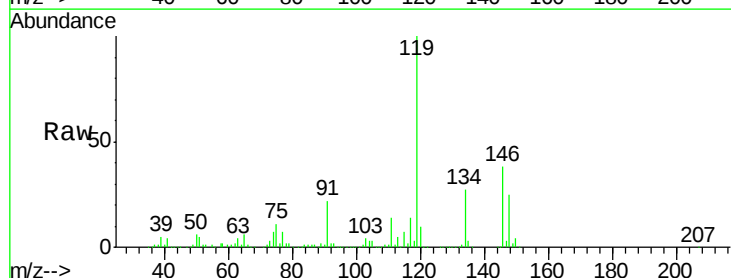
Tgt Ion:119 Resp: 1842049

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

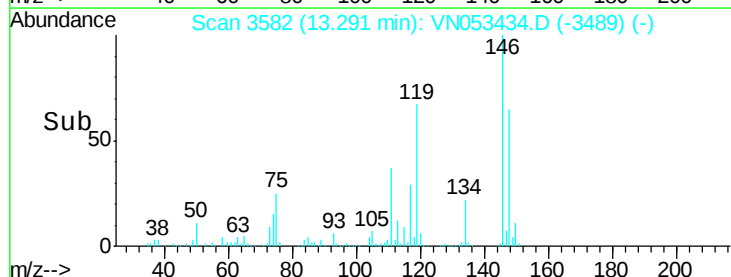
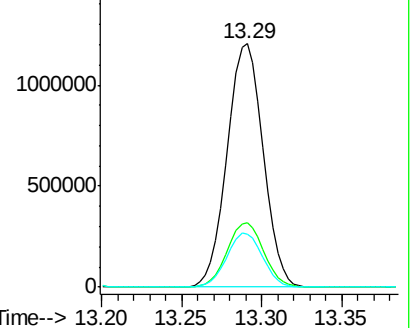
91 22.0 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.481 ug/l

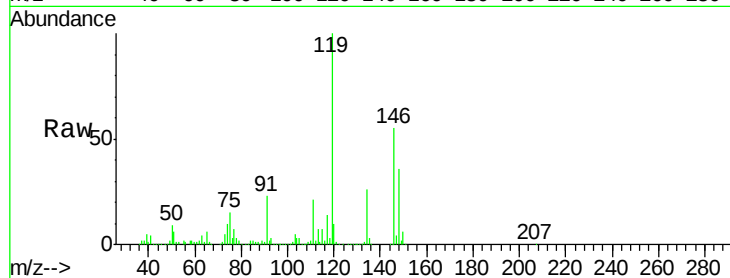
RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

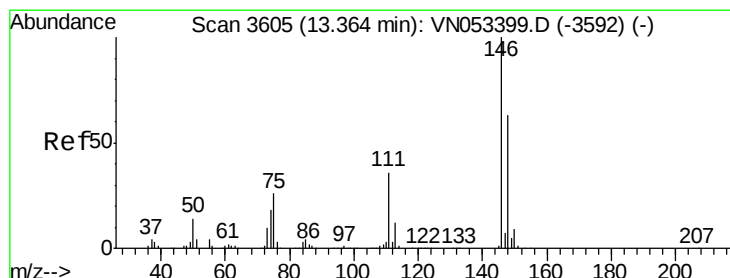
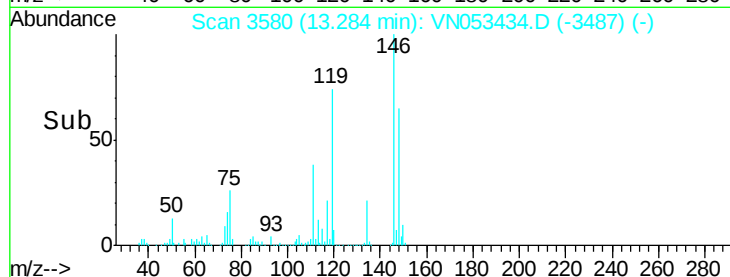
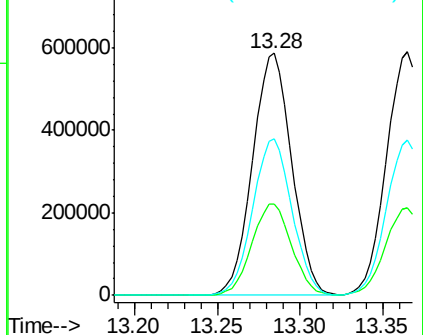
Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

Tot Ion:146	Resp: 968650
Ion Ratio	Lower Upper
146 100	
111 38.2	18.8 56.3
148 64.6	32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 51.228 ug/l

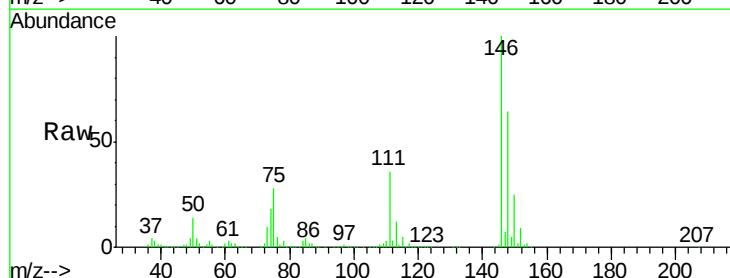
RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

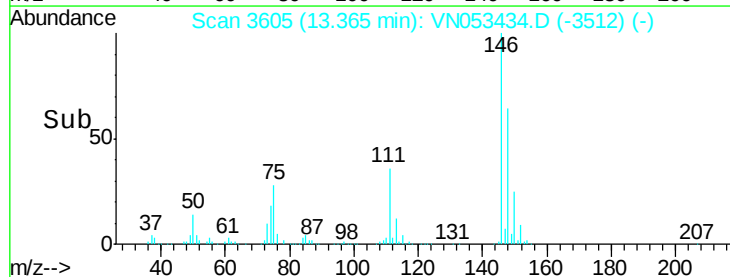
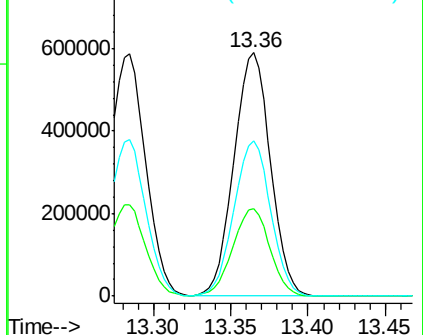
Lab File: VN053434.D

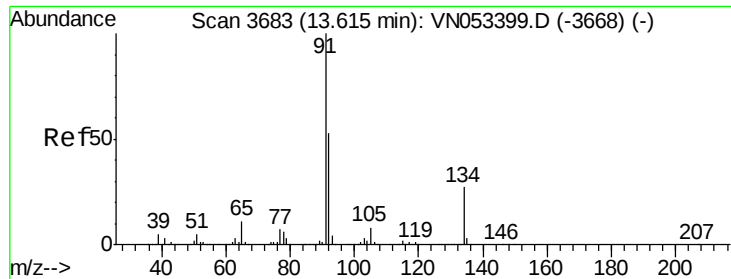
Acq: 17 Jan 2019 14:48

Tgt	Ion:146	Resp:	966871
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.8
148	64.3	32.4	97.0



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





#89

n-Butylbenzene

Concen: 54.445 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

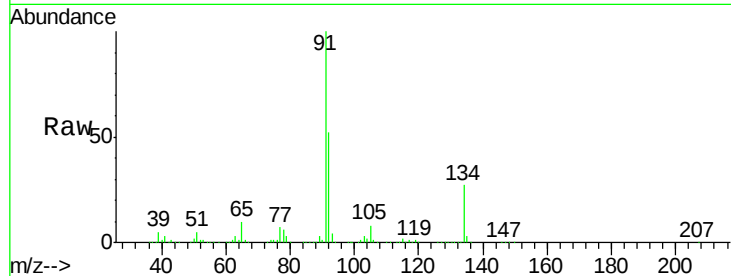
Tot Ion: 91 Resp: 1612134

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.8
134	26.7	13.5	40.5

91 100

92 52.3 26.3 78.8

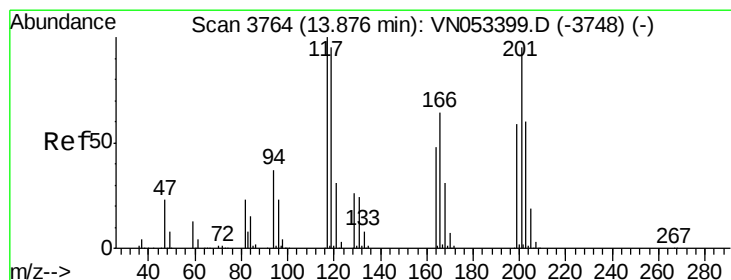
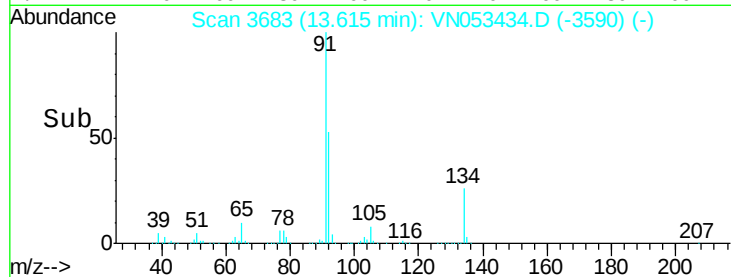
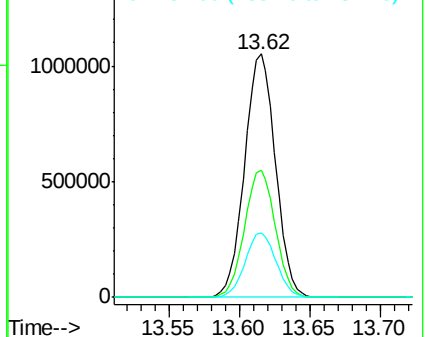
134 26.7 13.5 40.5



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

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

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



#90

Hexachloroethane

Concen: 52.898 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053434.D

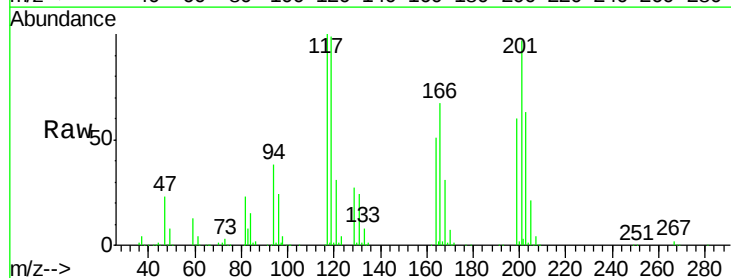
Acq: 17 Jan 2019 14:48

Tgt Ion: 117 Resp: 288188

Ion	Ratio	Lower	Upper
117	100		
201	94.4	46.8	140.4

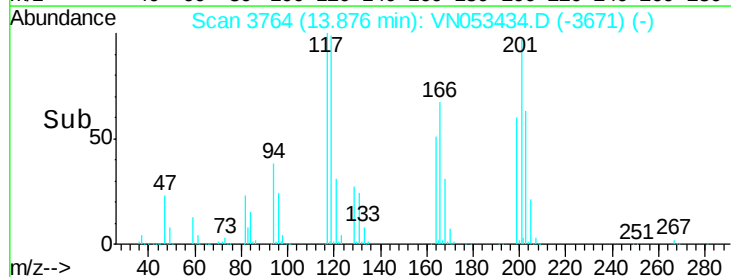
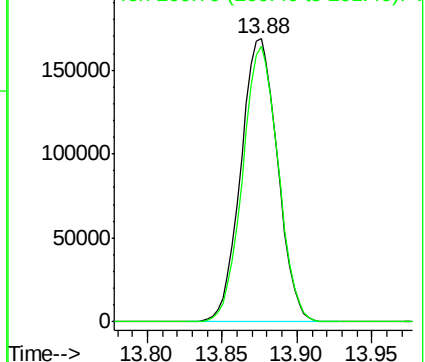
117 100

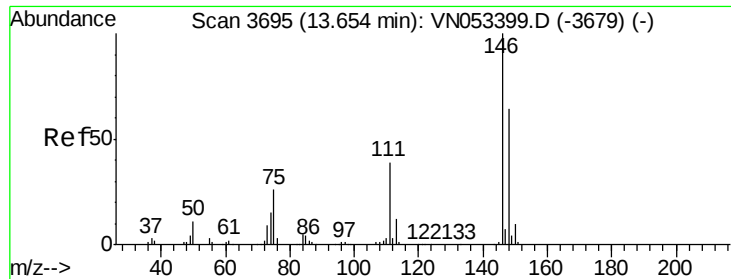
201 94.4 46.8 140.4



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

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





#91

1,2-Dichlorobenzene

Concen: 52.738 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

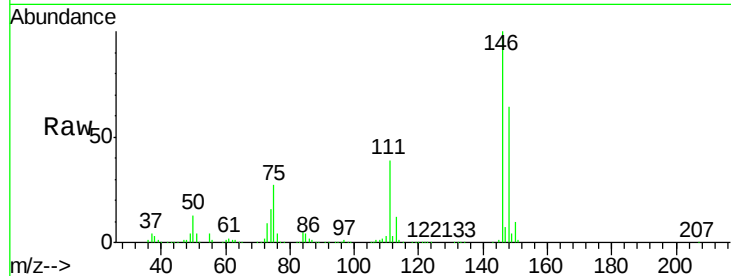
Tot Ion:146 Resp: 912913

Ion Ratio Lower Upper

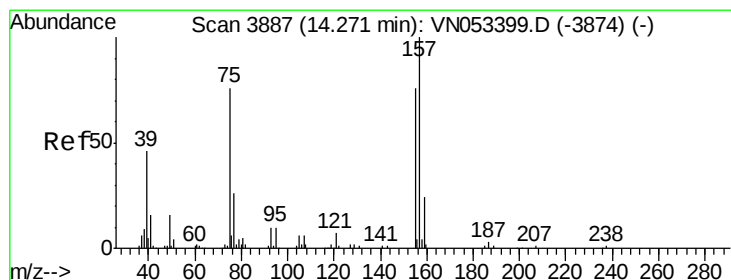
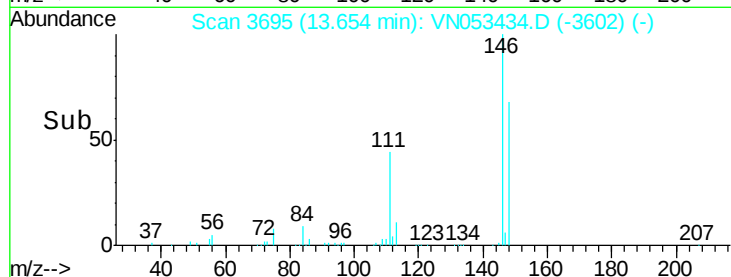
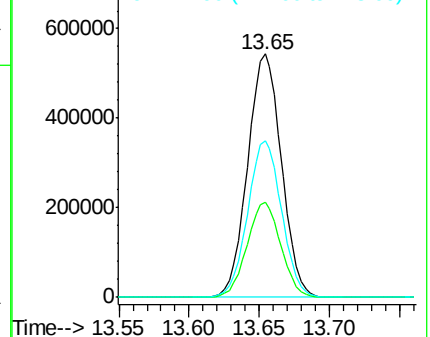
146 100

111 38.9 19.5 58.5

148 64.5 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.659 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053434.D

Acq: 17 Jan 2019 14:48

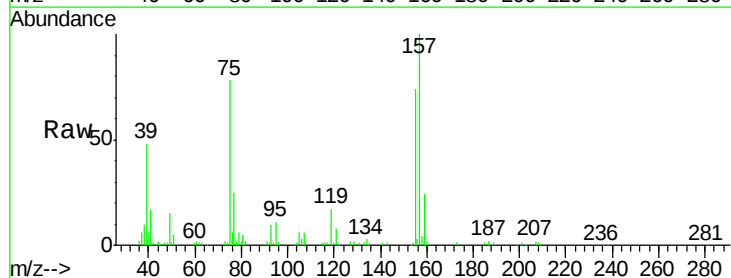
Tgt Ion: 75 Resp: 65482

Ion Ratio Lower Upper

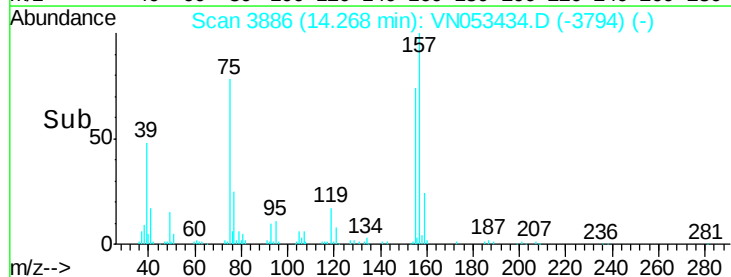
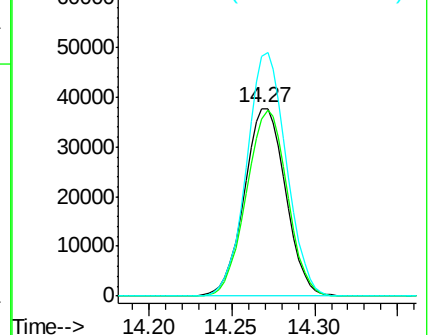
75 100

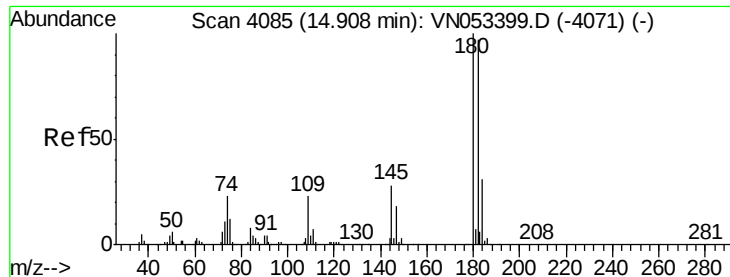
155 97.8 48.9 146.7

157 125.0 63.7 191.3



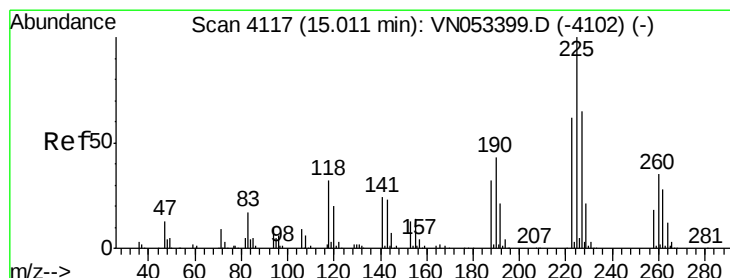
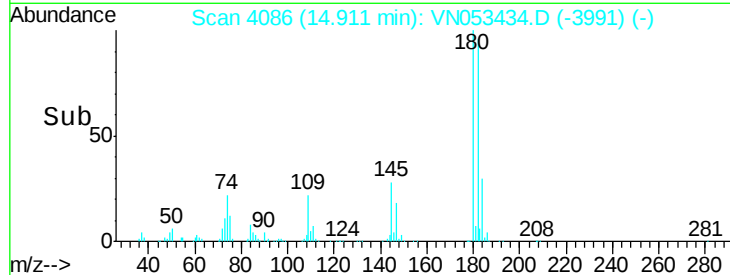
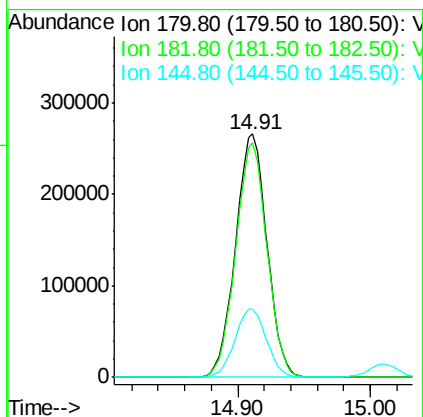
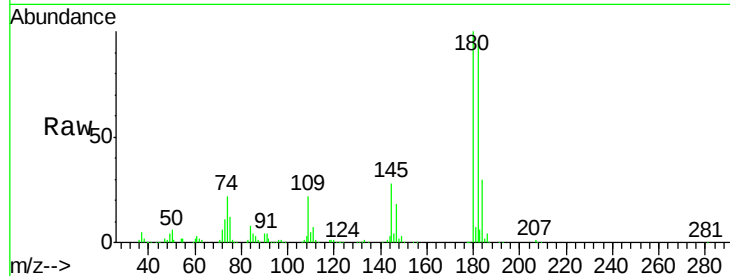
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





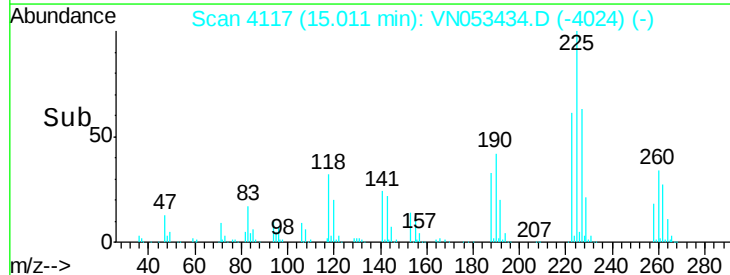
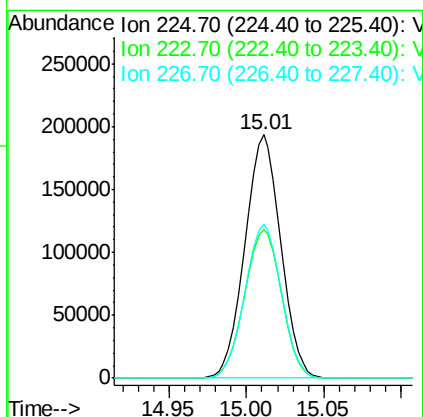
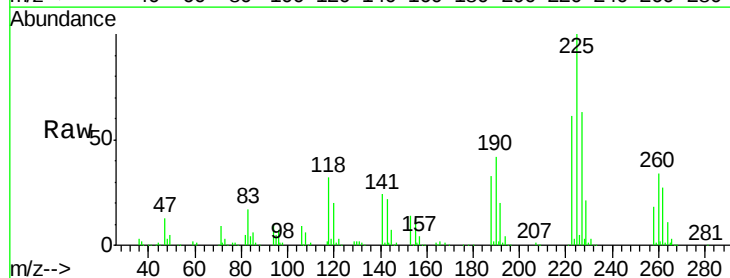
#93
 1,2,4-Trichlorobenzene
 Concen: 57.018 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

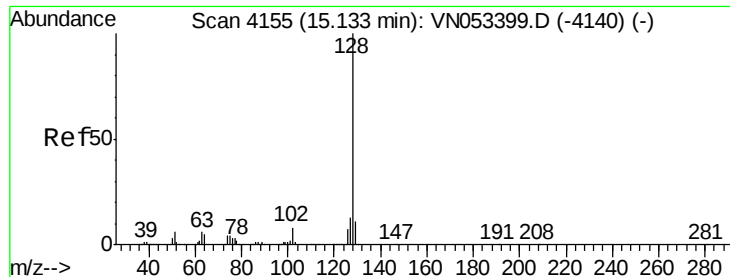
Tot Ion:180 Resp: 438632
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.1 144.3
 145 28.4 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 57.944 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053434.D
 Acq: 17 Jan 2019 14:48

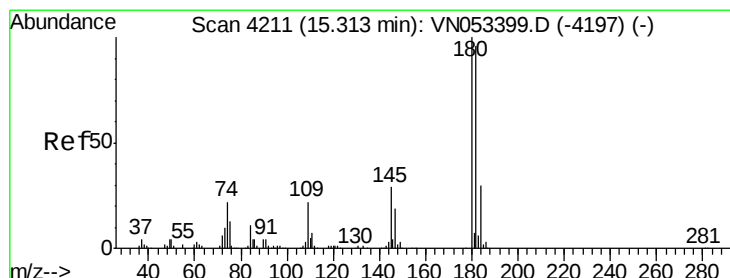
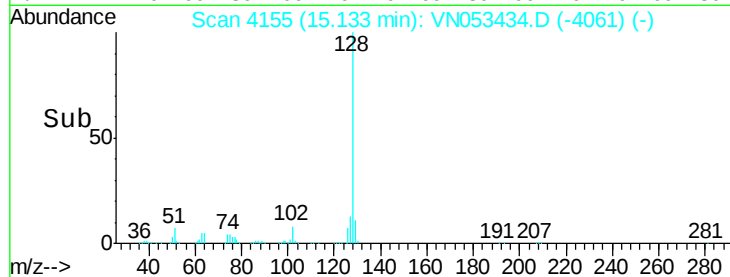
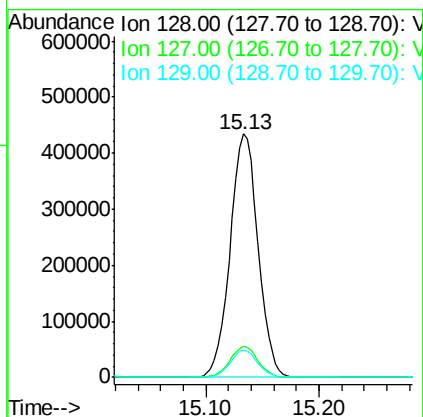
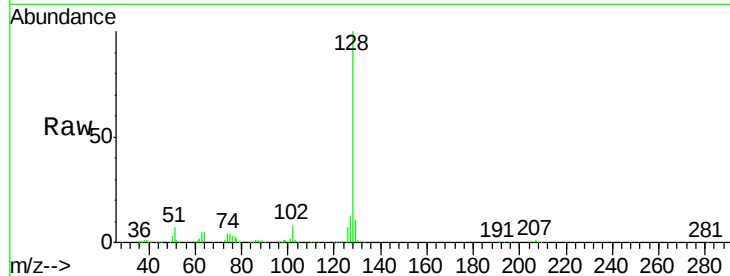
Tgt Ion:225 Resp: 312894
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.2
 227 64.3 32.0 96.2





#95
Naphthalene
Concen: 55.174 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.435 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053434.D
Acq: 17 Jan 2019 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.8
145	30.3	14.7	44.1

