

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072418\
 Data File : VN050016.D
 Acq On : 23 Jul 2018 20:02
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 24 06:28:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	688259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	930807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	485140	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455688	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	7.59	113	405458	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.09	98	1517289	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	512090	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	523202	52.907	ug/l	100
3) Chloromethane	2.06	50	527794	49.099	ug/l	100
4) Vinyl Chloride	2.18	62	545503	48.188	ug/l	99
5) Bromomethane	2.55	94	336644	53.627	ug/l	99
6) Chloroethane	2.69	64	312270	45.932	ug/l	100
7) Trichlorofluoromethane	3.01	101	694567	47.363	ug/l	100
8) Diethyl Ether	3.41	74	246611	50.443	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	417917	47.391	ug/l	100
10) Methyl Iodide	3.95	142	546041	48.244	ug/l	99
11) Tert butyl alcohol	4.80	59	180807	255.898	ug/l	100
12) 1,1-Dichloroethene	3.73	96	387691	48.873	ug/l	96
13) Acrolein	3.61	56	152745	269.067	ug/l	97
14) Allyl chloride	4.32	41	628590	51.104	ug/l	98
15) Acrylonitrile	5.00	53	772536	250.610	ug/l	100
16) Acetone	3.82	43	573537	253.624	ug/l	99
17) Carbon Disulfide	4.05	76	1195094	49.177	ug/l	100
18) Methyl Acetate	4.33	43	452130	51.438	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1112813	52.641	ug/l	99
20) Methylene Chloride	4.55	84	434266	51.030	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	417952	49.723	ug/l	99
22) Diisopropyl ether	5.96	45	1285955	52.726	ug/l	100
23) Vinyl Acetate	5.90	43	4606888	267.290	ug/l	99
24) 1,1-Dichloroethane	5.85	63	769225	48.232	ug/l	99
25) 2-Butanone	6.84	43	926106	252.843	ug/l	100
26) 2,2-Dichloropropane	6.83	77	548076	45.173	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	457375	50.548	ug/l	100
28) Bromochloromethane	7.20	49	361828	49.741	ug/l	100
29) Tetrahydrofuran	7.22	42	617381	260.845	ug/l	99
30) Chloroform	7.37	83	769994	47.312	ug/l	99
31) Cyclohexane	7.66	56	673037	50.887	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	666795	47.898	ug/l	100
36) 1,1-Dichloropropene	7.80	75	591582	51.376	ug/l	99
37) Ethyl Acetate	6.94	43	406871	50.680	ug/l	100
38) Carbon Tetrachloride	7.78	117	590222	48.307	ug/l	98

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

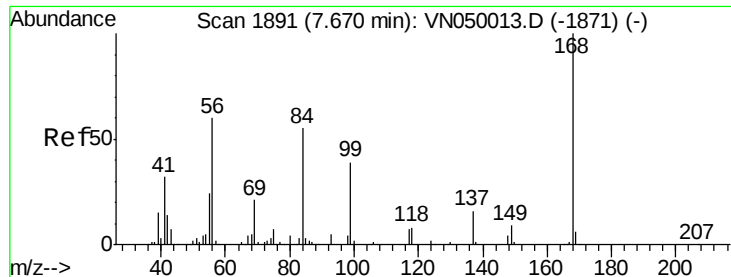
39) Methylcyclohexane	9.08	83	632526	53.397	ug/l	98
40) Benzene	8.04	78	1764948	50.370	ug/l	100
41) Methacrylonitrile	7.18	41	209028	49.990	ug/l	84
42) 1,2-Dichloroethane	8.13	62	567821	48.575	ug/l	100
43) Isopropyl Acetate	8.17	43	751657	49.676	ug/l	99
44) Trichloroethene	8.84	130	463299	49.207	ug/l	99
45) 1,2-Dichloropropane	9.12	63	457907	49.339	ug/l	98
46) Dibromomethane	9.21	93	283718	49.233	ug/l	98
47) Bromodichloromethane	9.41	83	591099	48.599	ug/l	99
48) Methyl methacrylate	9.20	41	363017	52.503	ug/l	99
49) 1,4-Dioxane	9.20	88	99840	1061.061	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2059243	260.921	ug/l	99
52) Toluene	10.16	92	1074692	51.959	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	603935	52.621	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	678627	51.738	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	402809	49.099	ug/l	98
56) Ethyl methacrylate	10.43	69	536818	48.373	ug/l	100
57) 1,3-Dichloropropane	10.71	76	674729	50.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1246497	240.413	ug/l	100
59) 2-Hexanone	10.75	43	1404885	242.412	ug/l	99
60) Dibromochloromethane	10.90	129	454202	50.005	ug/l	99
61) 1,2-Dibromoethane	11.01	107	403713	49.597	ug/l	99
64) Tetrachloroethene	10.63	164	433460	48.436	ug/l	98
65) Chlorobenzene	11.44	112	1158529	49.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	434695	48.118	ug/l	99
67) Ethyl Benzene	11.51	91	2005471	53.098	ug/l	100
68) m/p-Xylenes	11.63	106	1545097	108.156	ug/l	100
69) o-Xylene	11.95	106	739752	54.319	ug/l	99
70) Styrene	11.97	104	1201433	49.611	ug/l	100
71) Bromoform	12.13	173	326063	49.617	ug/l #	100
73) Isopropylbenzene	12.25	105	1954972	51.959	ug/l	100
74) N-amyl acetate	12.07	43	605404	52.647	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	518051	51.608	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	646803	71.740	ug/l #	100
77) Bromobenzene	12.53	156	508629	48.775	ug/l	99
78) n-propylbenzene	12.59	91	2260358	53.748	ug/l	100
79) 2-Chlorotoluene	12.68	91	1340302	51.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1609125	54.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	145030	51.022	ug/l	98
82) 4-Chlorotoluene	12.78	91	1353002	52.415	ug/l	99
83) tert-Butylbenzene	12.99	119	1383364	53.561	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1644224	55.118	ug/l	100
85) sec-Butylbenzene	13.17	105	1865199	54.048	ug/l	100
86) p-Isopropyltoluene	13.29	119	1612494	55.453	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	883969	50.004	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	871021	50.552	ug/l	100
89) n-Butylbenzene	13.62	91	1331610	55.689	ug/l	99
90) Hexachloroethane	13.88	117	297591	46.090	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	879460	49.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86569	51.665	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	471815	50.322	ug/l	98
94) Hexachlorobutadiene	15.01	225	267766	49.496	ug/l	100
95) Naphthalene	15.14	128	1122327	50.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	475360	51.985	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050016.D

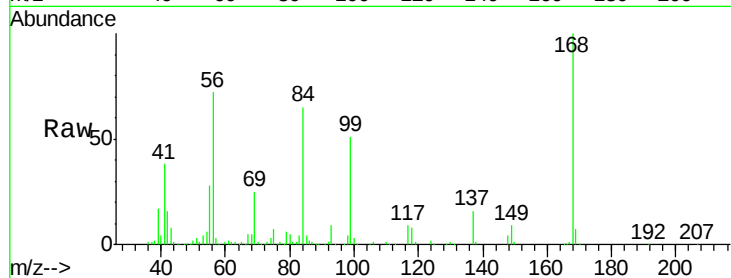
Acq: 23 Jul 2018 20:02

Tgt Ion:168 Resp: 688259

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

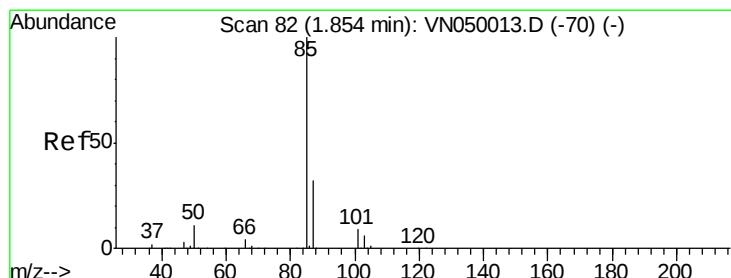
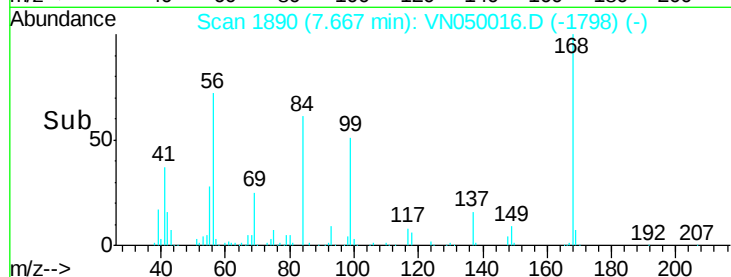
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.907 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050016.D

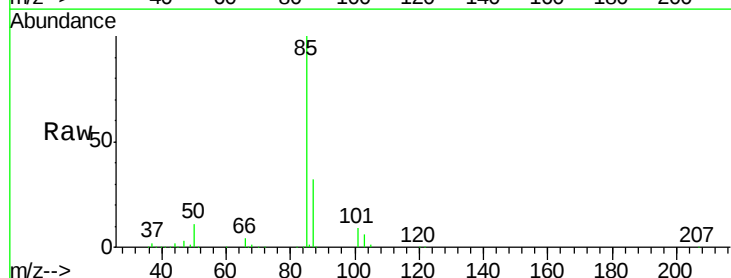
Acq: 23 Jul 2018 20:02

Tgt Ion: 85 Resp: 523202

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

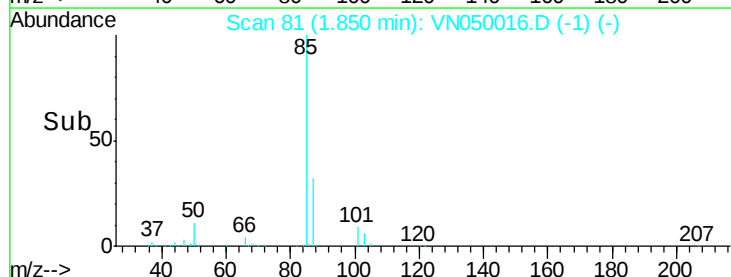
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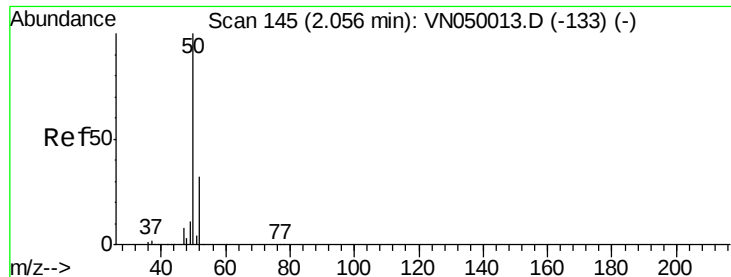
200000

100000

0

Time-->





#3

Chloromethane

Concen: 49.099 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050016.D

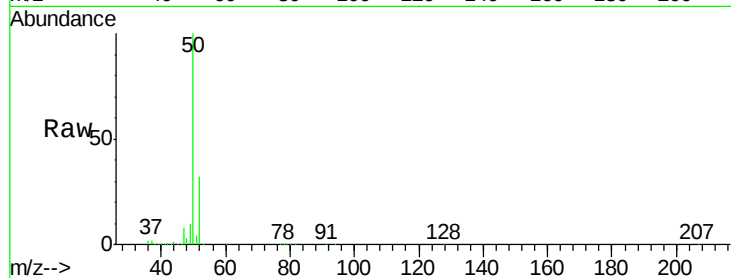
Acq: 23 Jul 2018 20:02

Tgt Ion: 50 Resp: 527794

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050016.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050016.D (-52) (-)

2.06

400000

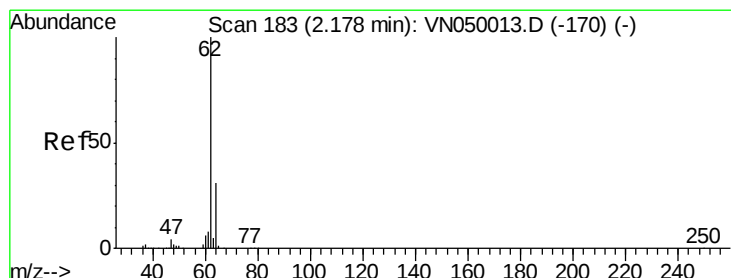
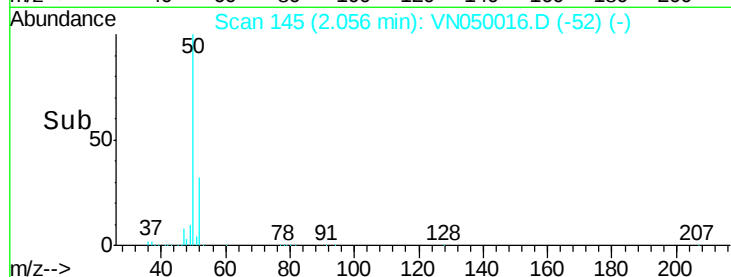
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 48.188 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050016.D

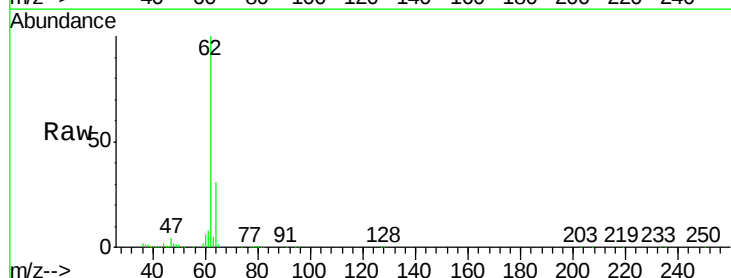
Acq: 23 Jul 2018 20:02

Tgt Ion: 62 Resp: 545503

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN050016.D (-90) (-)

Ion 63.90 (63.60 to 64.60): VN050016.D (-90) (-)

2.18

400000

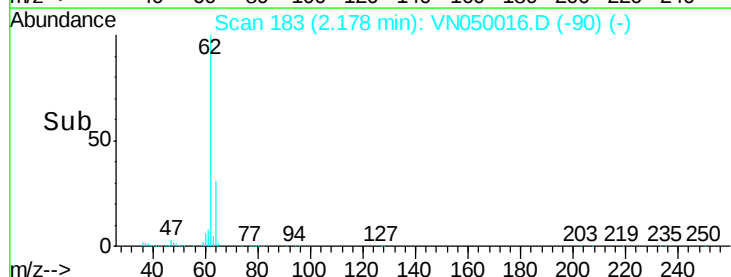
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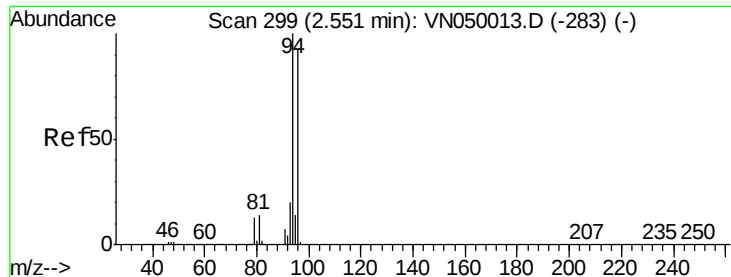
200000

100000

0

Time-->





#5

Bromomethane

Concen: 53.627 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.00 min

Lab File: VN050016.D

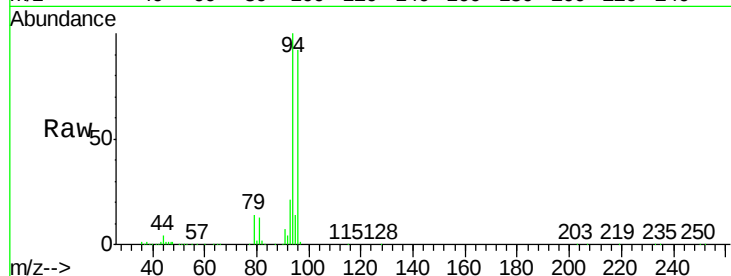
Acq: 23 Jul 2018 20:02

Tgt Ion: 94 Resp: 336644

Ion Ratio Lower Upper

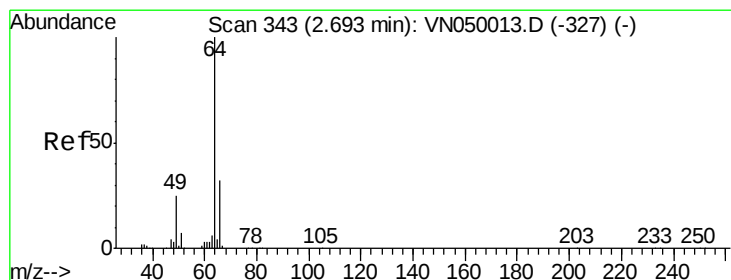
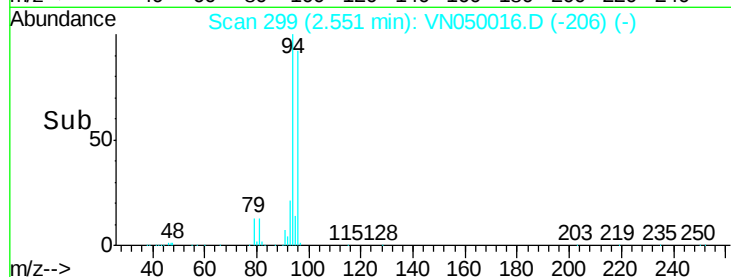
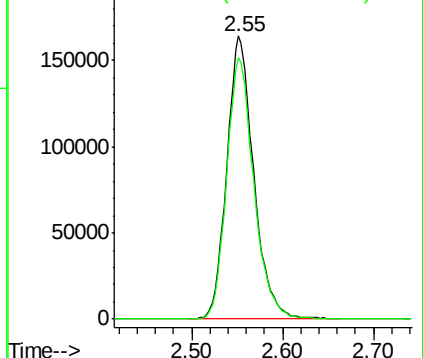
94 100

96 92.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.932 ug/l

RT: 2.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VN050016.D

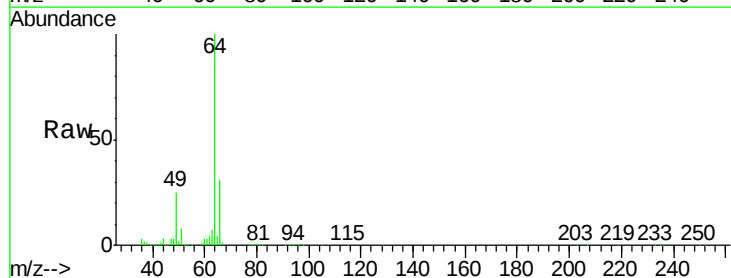
Acq: 23 Jul 2018 20:02

Tgt Ion: 64 Resp: 312270

Ion Ratio Lower Upper

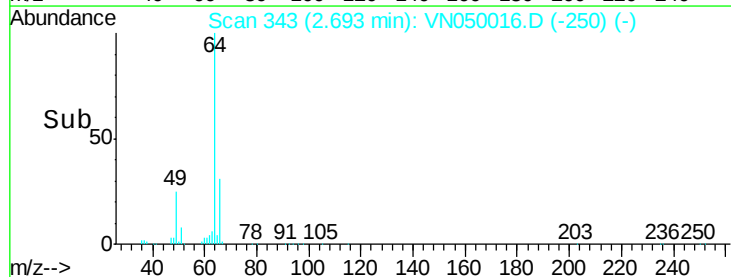
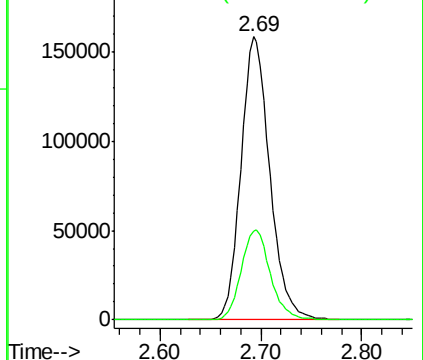
64 100

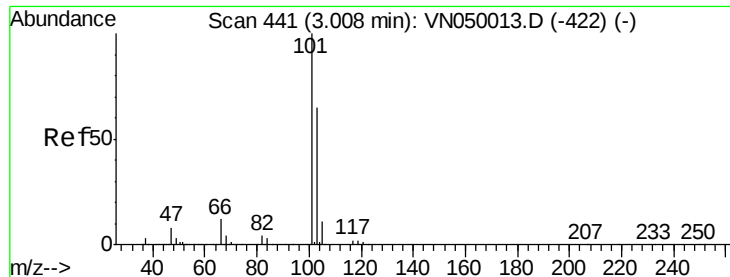
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

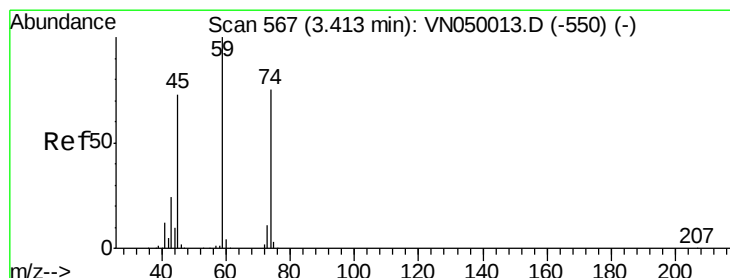
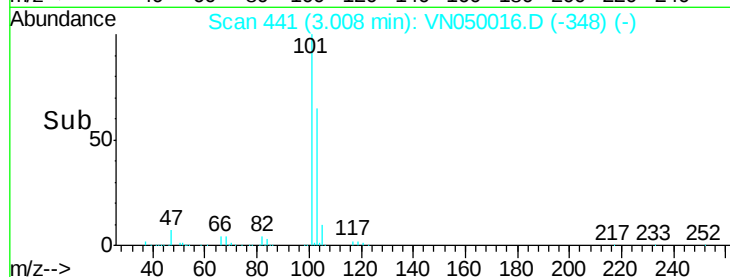
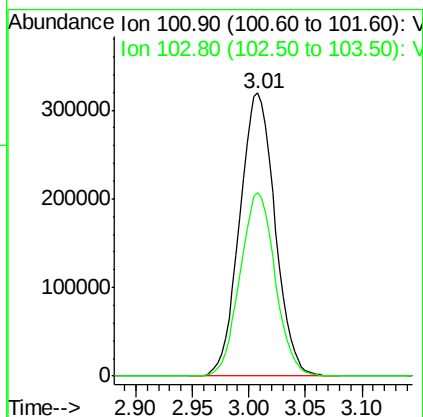
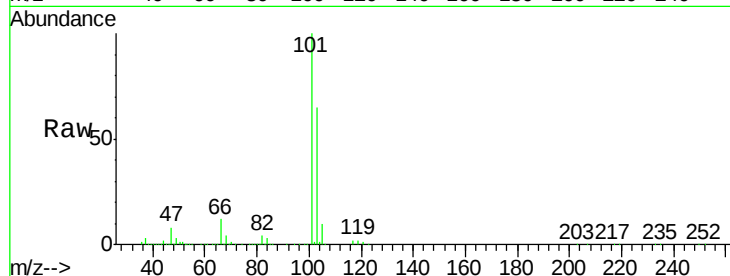




#7

Trichlorofluoromethane
 Concen: 47.363 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

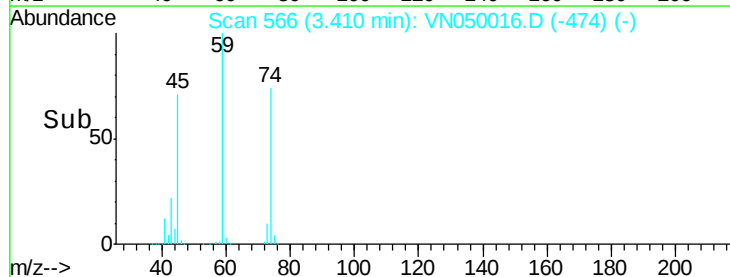
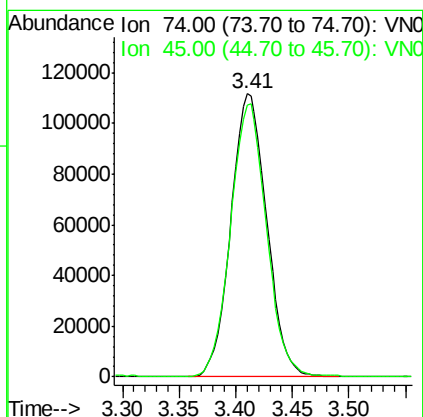
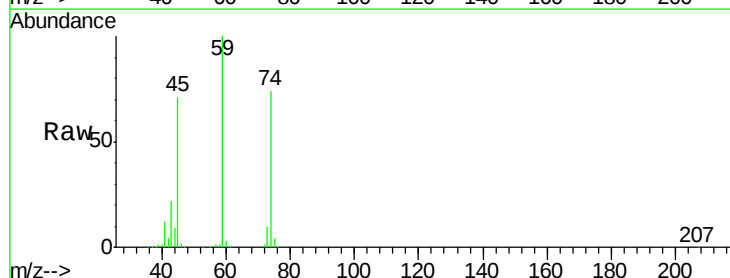
Tgt Ion: 101 Resp: 694567
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5

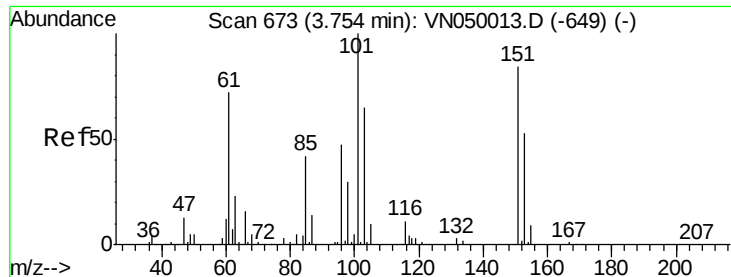


#8

Diethyl Ether
 Concen: 50.443 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion: 74 Resp: 246611
 Ion Ratio Lower Upper
 74 100
 45 96.2 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.391 ug/l

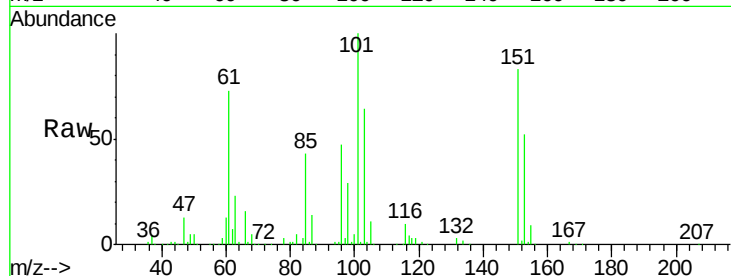
RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

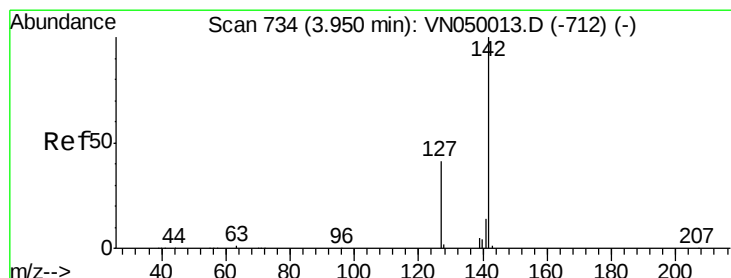
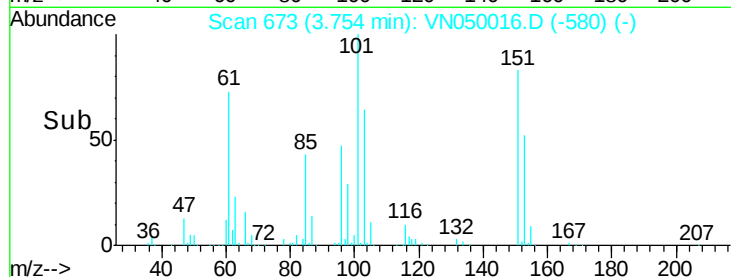
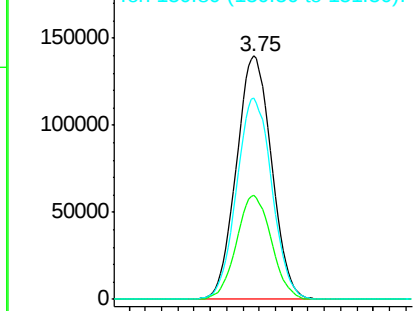
Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

Tgt Ion:	101	Resp:	417917
Ion	Ratio	Lower	Upper
101	100		
85	42.5	34.2	51.2
151	82.9	66.3	99.5



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



#10

Methyl Iodide

Concen: 48.244 ug/l

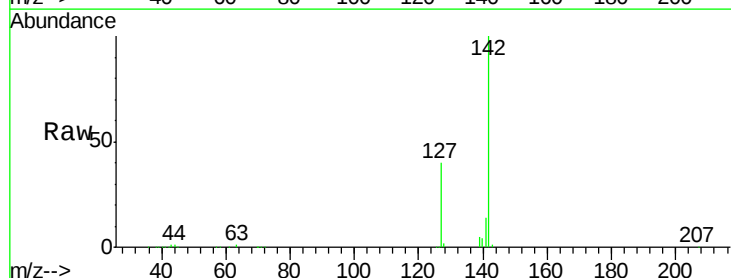
RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

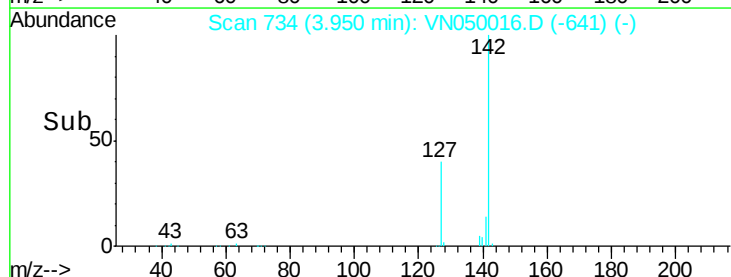
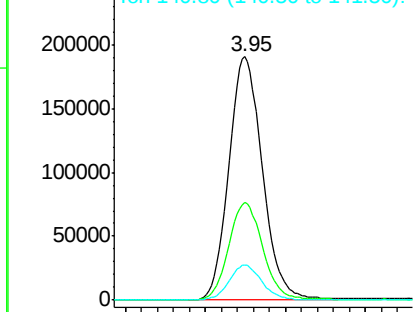
Lab File: VN050016.D

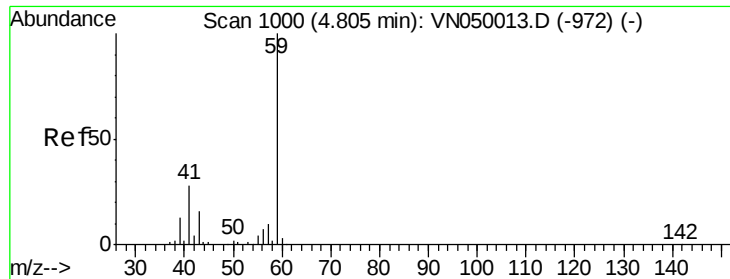
Acq: 23 Jul 2018 20:02

Tgt Ion:	142	Resp:	546041
Ion	Ratio	Lower	Upper
142	100		
127	40.9	33.4	50.2
141	14.1	11.6	17.4



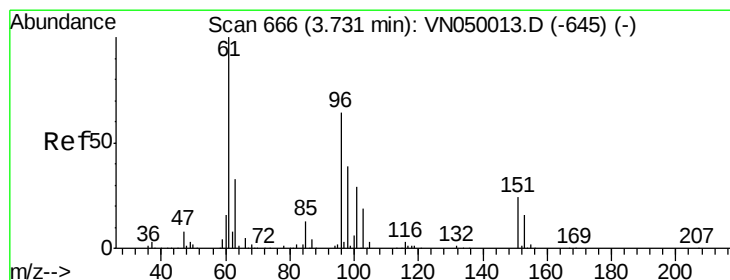
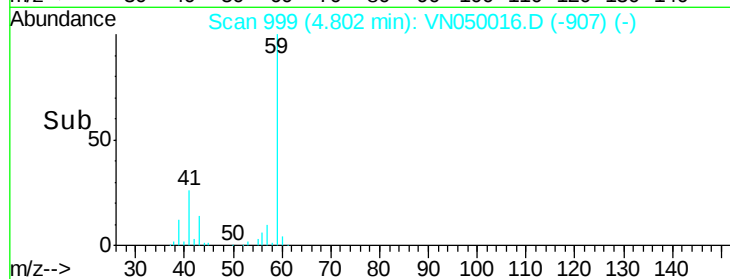
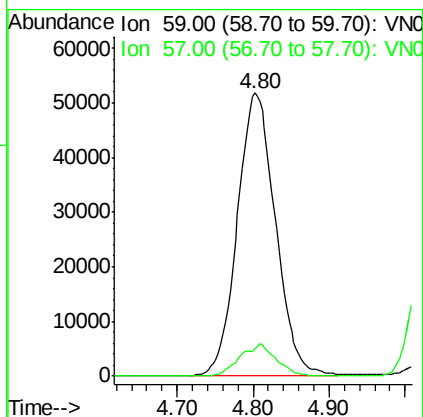
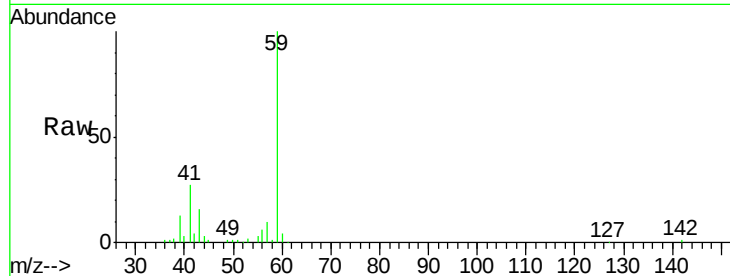
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





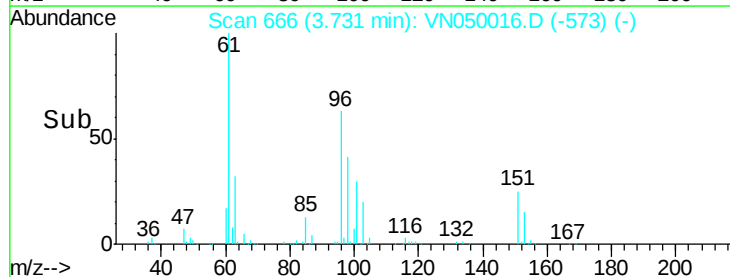
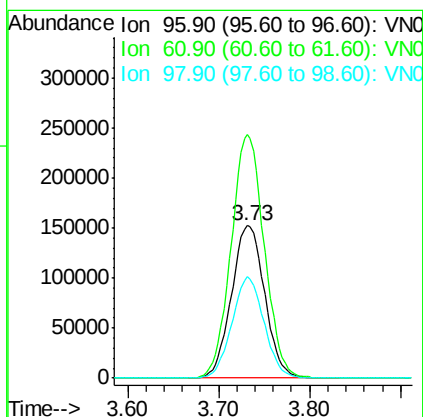
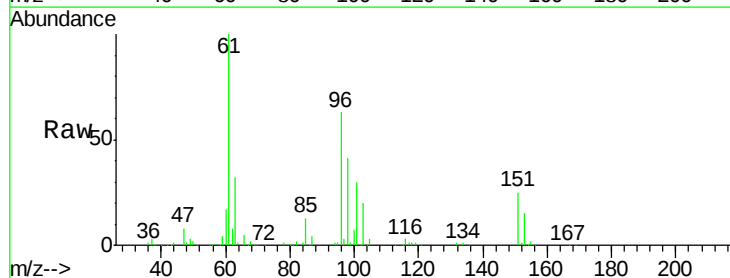
#11
Tert butyl alcohol
Concen: 255.898 ug/l
RT: 4.80 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

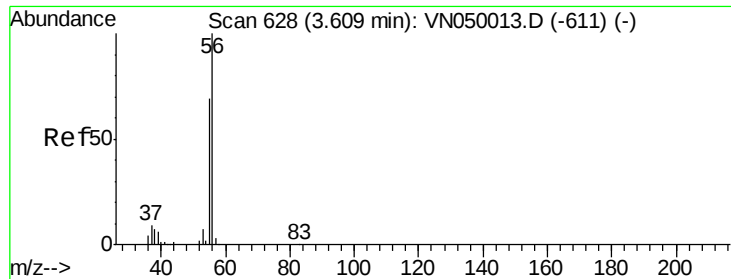
Tgt Ion: 59 Resp: 180807
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.873 ug/l
RT: 3.73 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion: 96 Resp: 387691
Ion Ratio Lower Upper
96 100
61 159.6 124.4 186.6
98 66.2 48.3 72.5





#13

Acrolein

Concen: 269.067 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050016.D

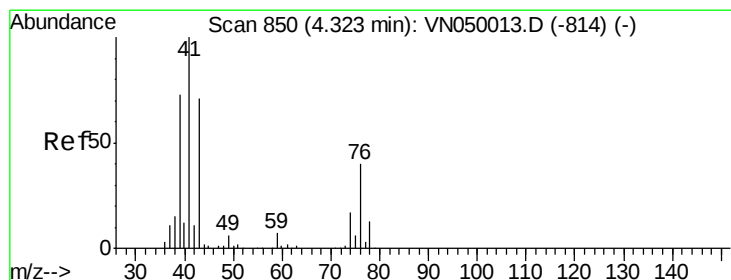
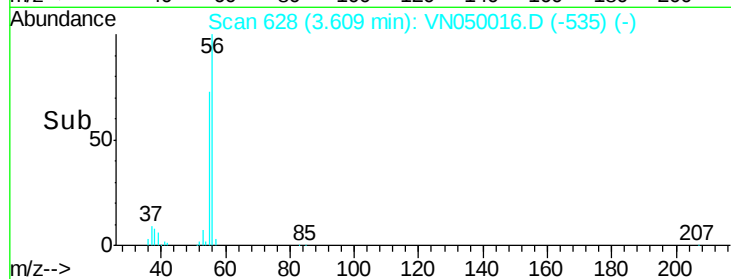
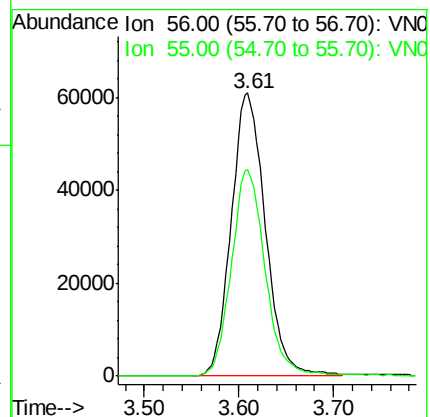
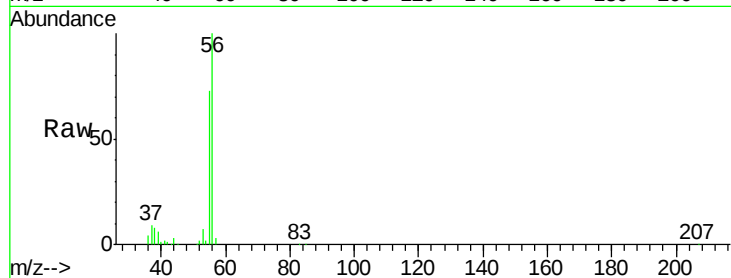
Acq: 23 Jul 2018 20:02

Tgt Ion: 56 Resp: 152745

Ion Ratio Lower Upper

56 100

55 72.0 55.8 83.6



#14

Allyl chloride

Concen: 51.104 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

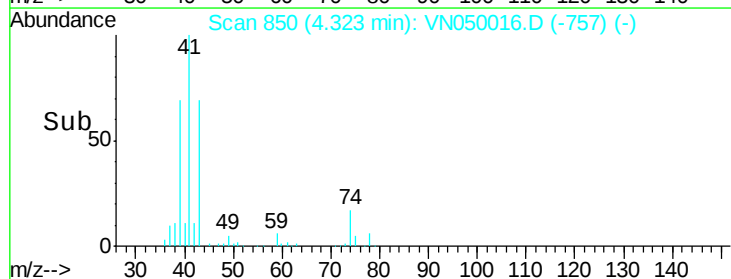
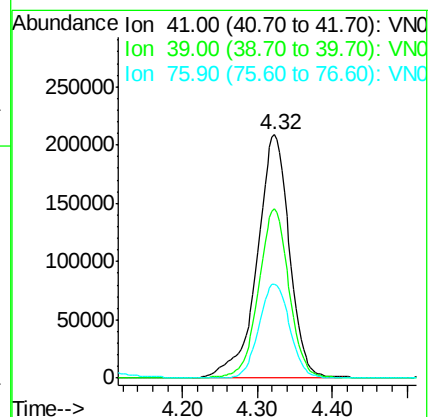
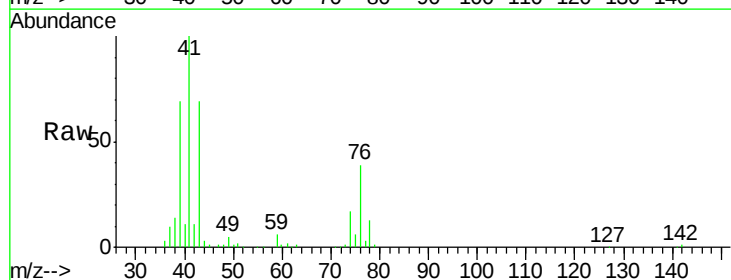
Tgt Ion: 41 Resp: 628590

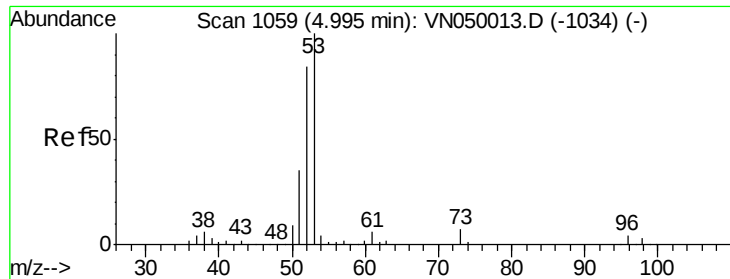
Ion Ratio Lower Upper

41 100

39 65.7 54.2 81.4

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 250.610 ug/l

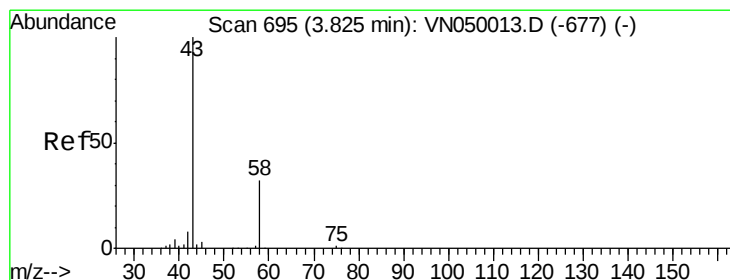
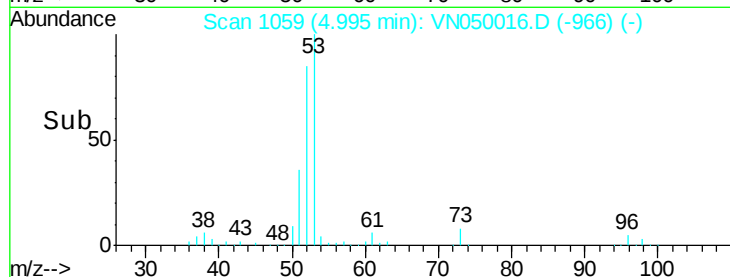
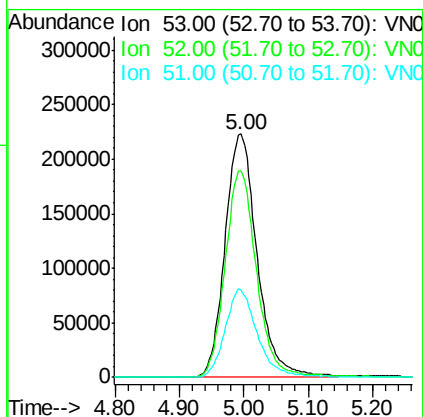
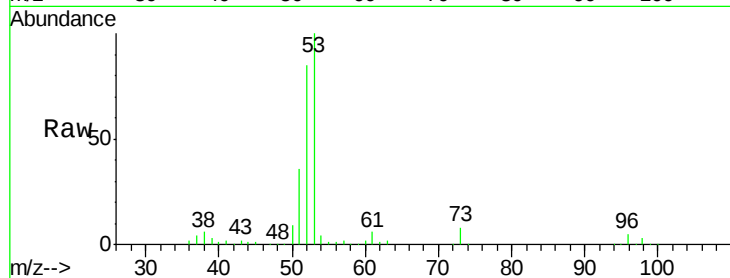
RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

Tgt Ion:	53	Resp:	772536
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	36.4	29.3	43.9



#16

Acetone

Concen: 253.624 ug/l

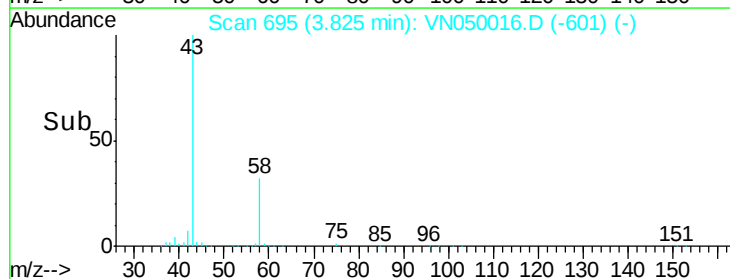
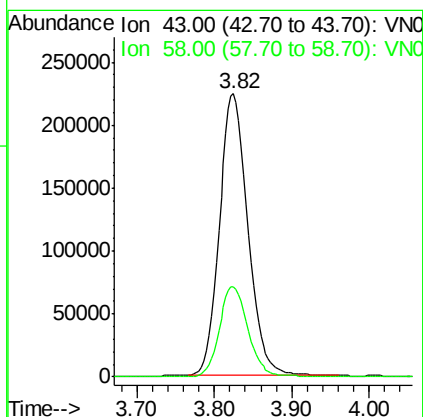
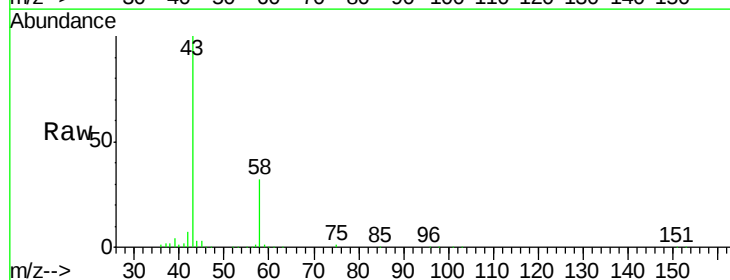
RT: 3.82 min Scan# 695

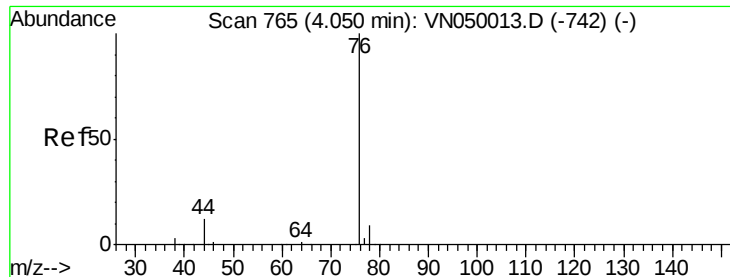
Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

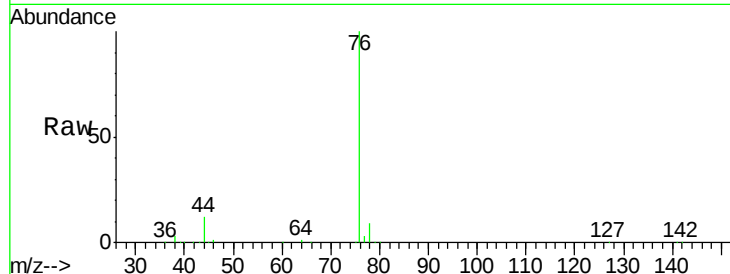
Tgt Ion:	43	Resp:	573537
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.8	38.8



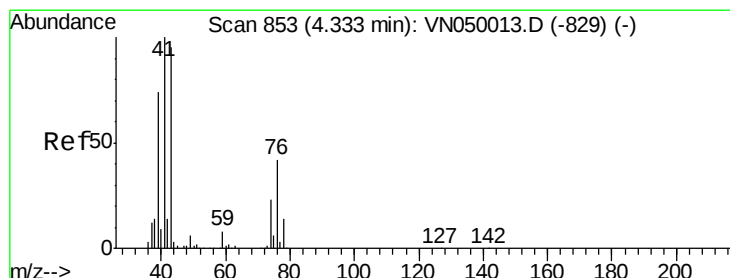
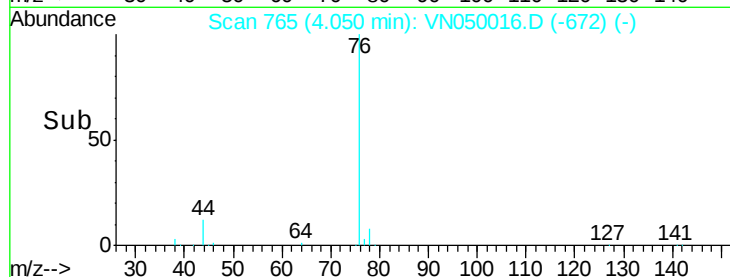
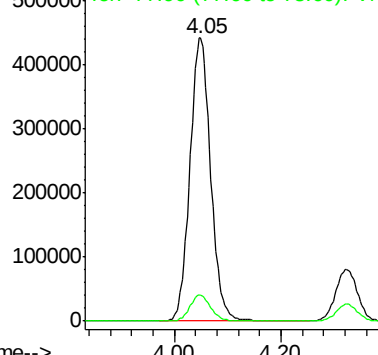


#17
Carbon Disulfide
Concen: 49.177 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion: 76 Resp: 1195094
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

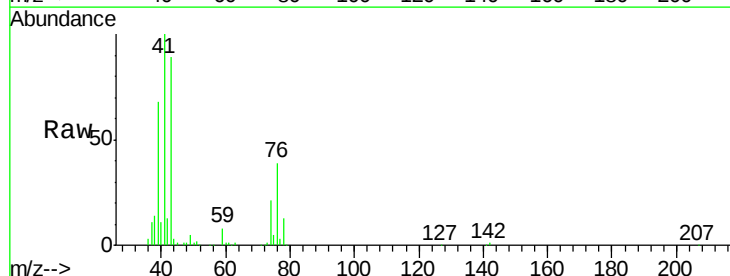


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

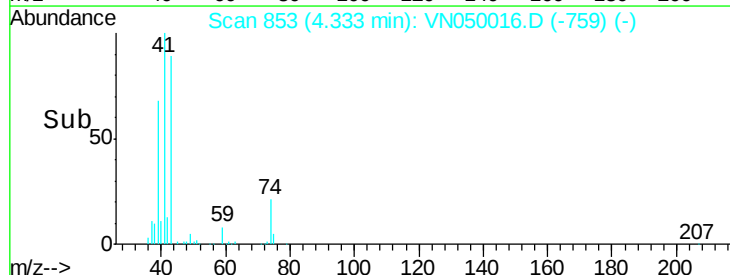
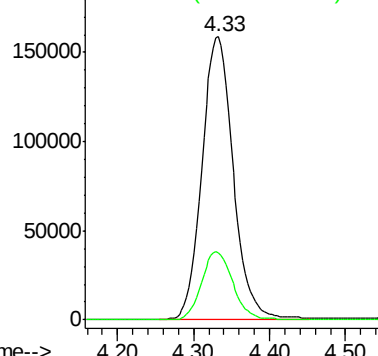


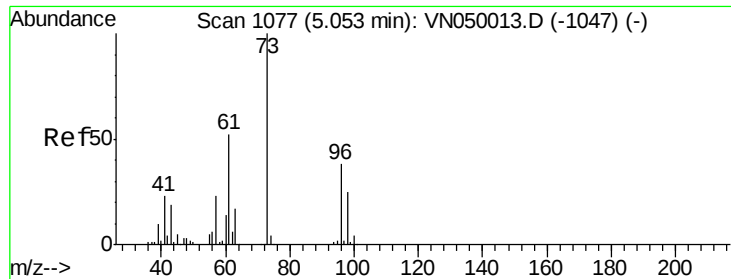
#18
Methyl Acetate
Concen: 51.438 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion: 43 Resp: 452130
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

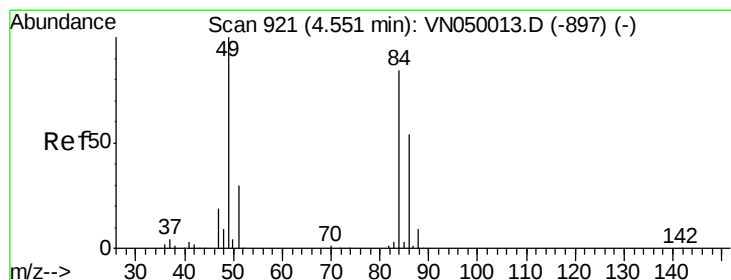
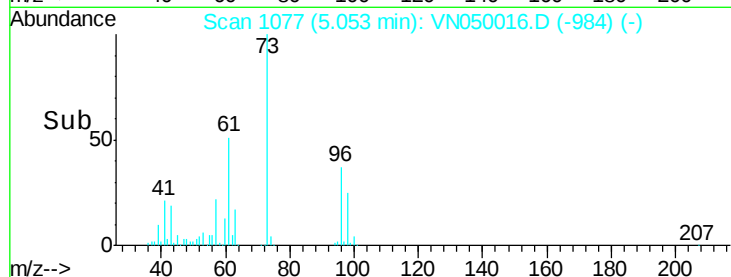
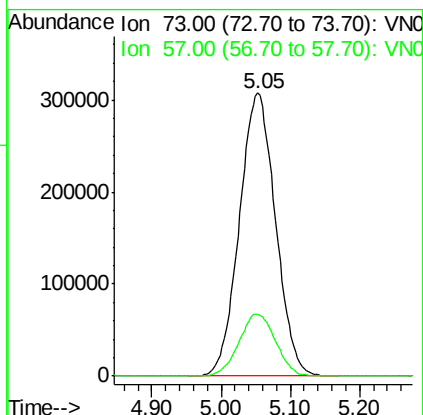
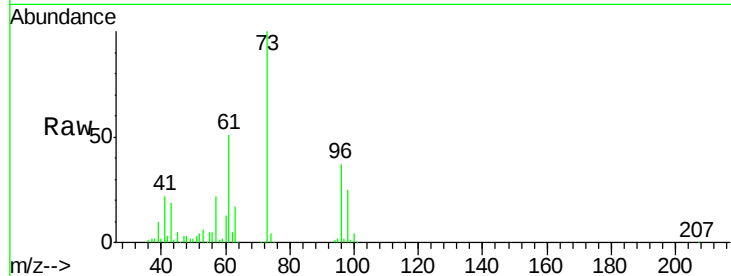




#19

Methyl tert-butyl Ether
 Concen: 52.641 ug/l
 RT: 5.05 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

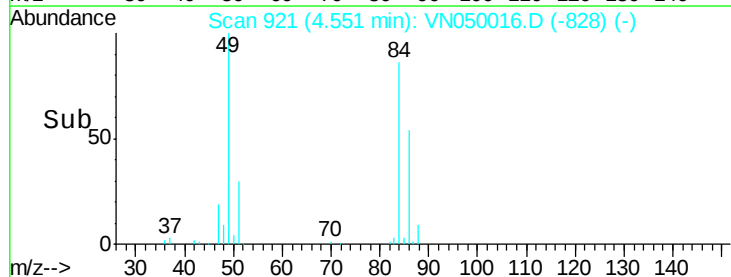
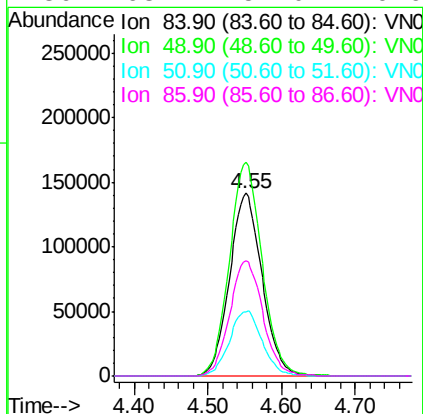
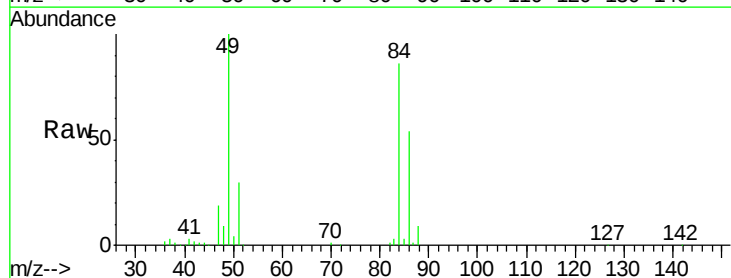
Tgt Ion: 73 Resp: 1112813
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.0 27.0

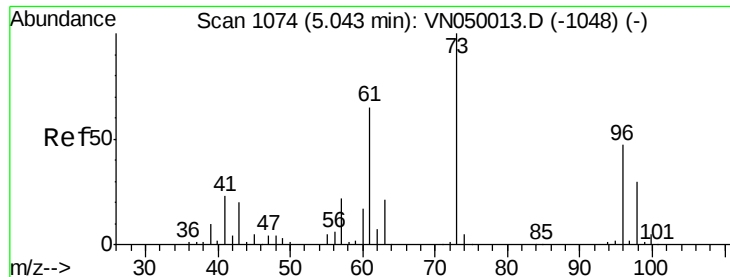


#20

Methylene Chloride
 Concen: 51.030 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

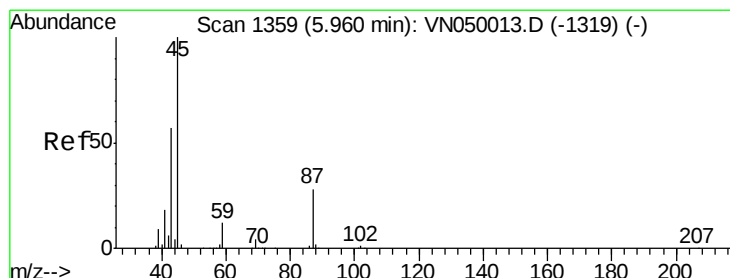
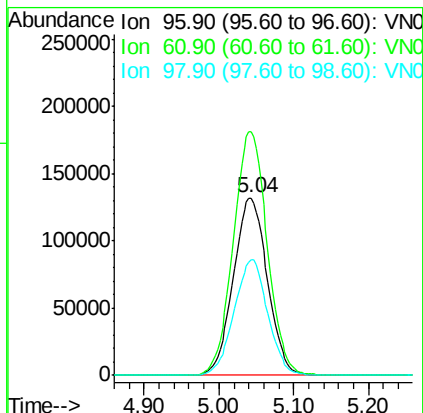
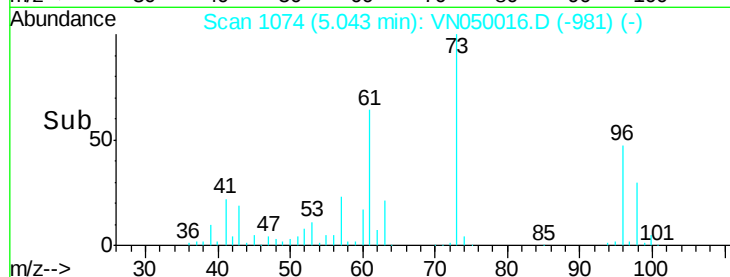
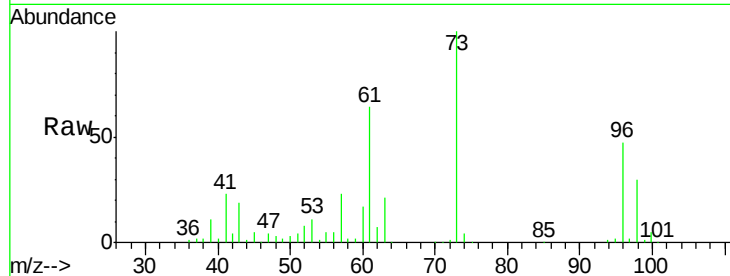
Tgt Ion: 84 Resp: 434266
 Ion Ratio Lower Upper
 84 100
 49 116.9 94.8 142.2
 51 35.4 28.3 42.5
 86 63.4 51.0 76.6





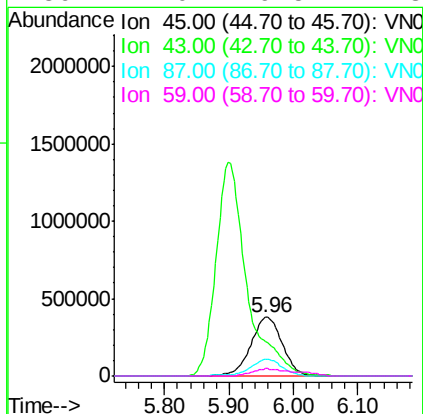
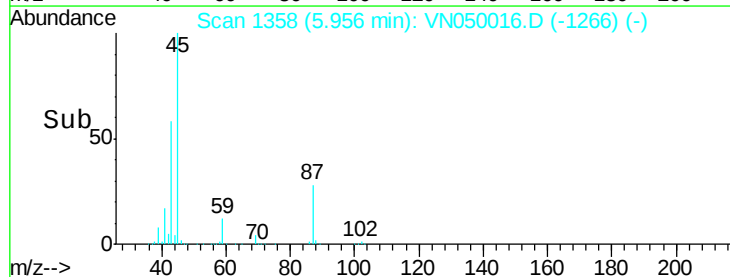
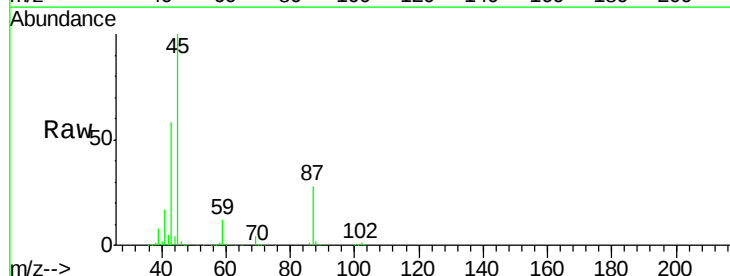
#21
trans-1,2-Dichloroethene
Concen: 49.723 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

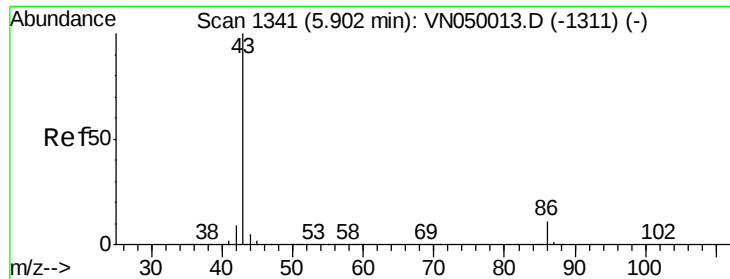
Tgt Ion: 96 Resp: 417952
Ion Ratio Lower Upper
96 100
61 137.1 110.7 166.1
98 65.3 51.6 77.4



#22
Diisopropyl ether
Concen: 52.726 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion: 45 Resp: 1285955
Ion Ratio Lower Upper
45 100
43 57.1 45.7 68.5
87 28.3 22.7 34.1
59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 267.290 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050016.D

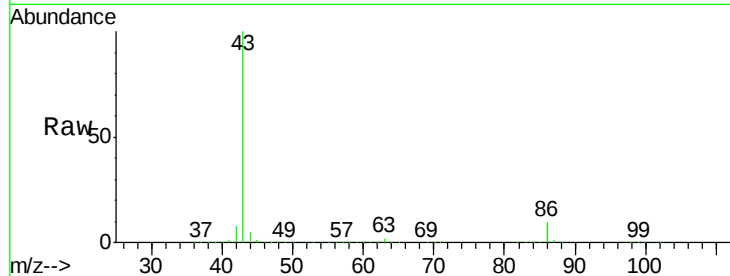
Acq: 23 Jul 2018 20:02

Tgt Ion: 43 Resp: 4606888

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1311) (-)

Ion 86.00 (85.70 to 86.70): VN050013.D (-1311) (-)

5.90

1500000

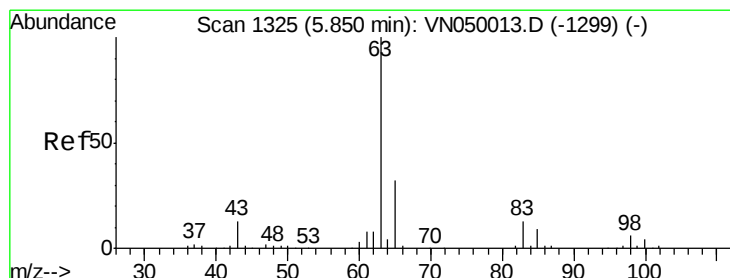
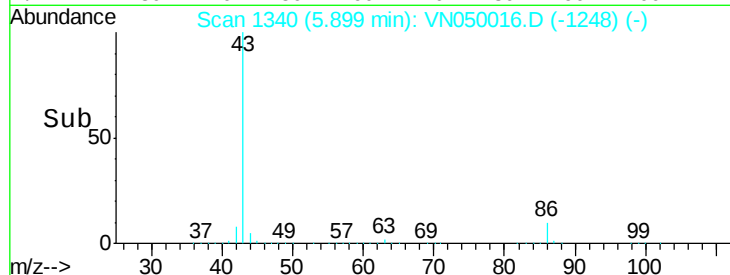
1000000

500000

0

Time-->

5.80 6.00 6.20



#24

1,1-Dichloroethane

Concen: 48.232 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

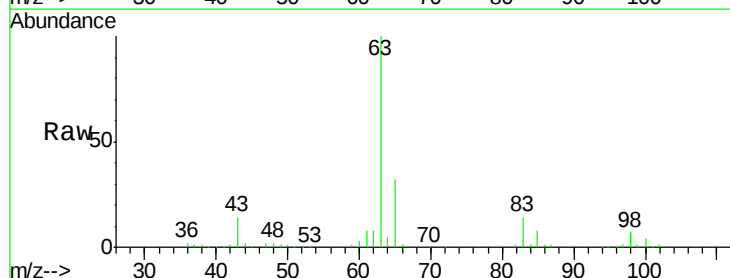
Tgt Ion: 63 Resp: 769225

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN050013.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VN050013.D (-1299) (-)

Ion 99.90 (99.60 to 100.60): VN050013.D (-1299) (-)

5.85

300000

250000

200000

150000

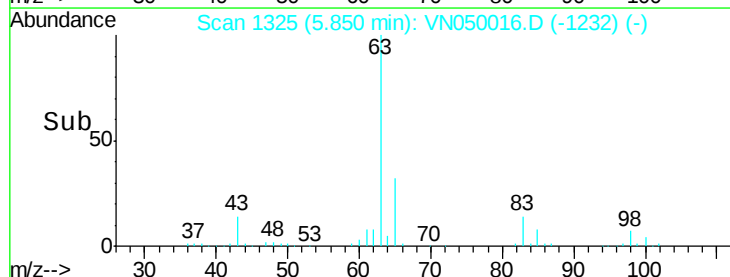
100000

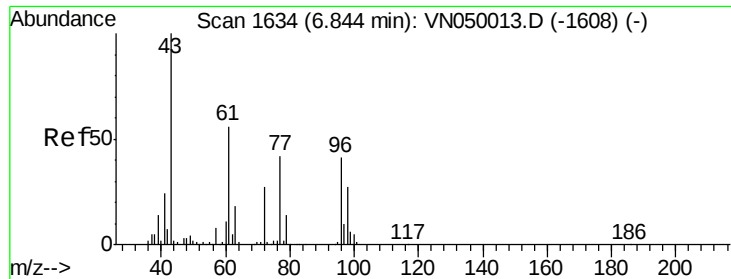
50000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 252.843 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050016.D

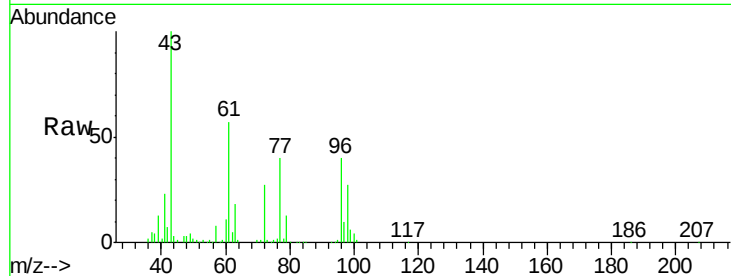
Acq: 23 Jul 2018 20:02

Tgt Ion: 43 Resp: 926106

Ion Ratio Lower Upper

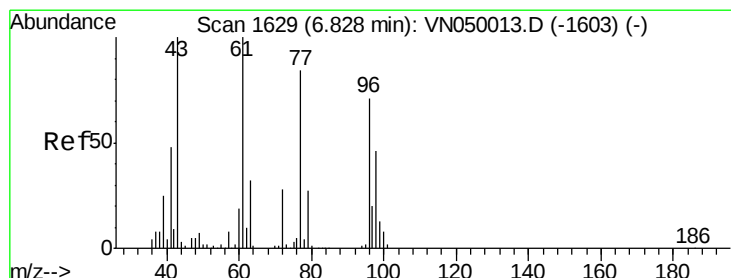
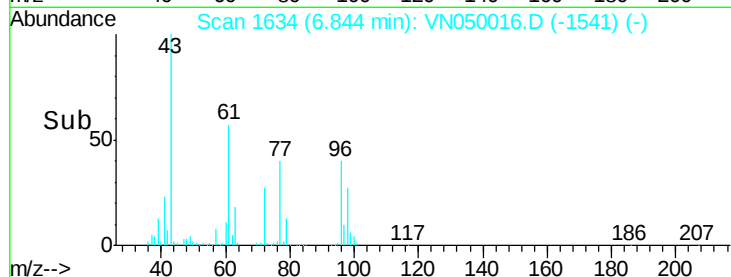
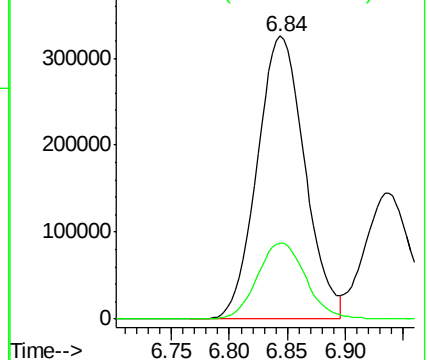
43 100

72 27.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 45.173 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050016.D

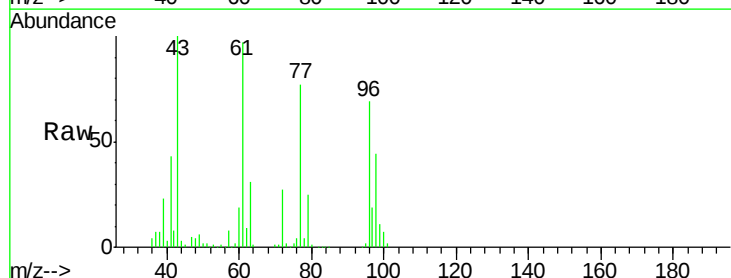
Acq: 23 Jul 2018 20:02

Tgt Ion: 77 Resp: 548076

Ion Ratio Lower Upper

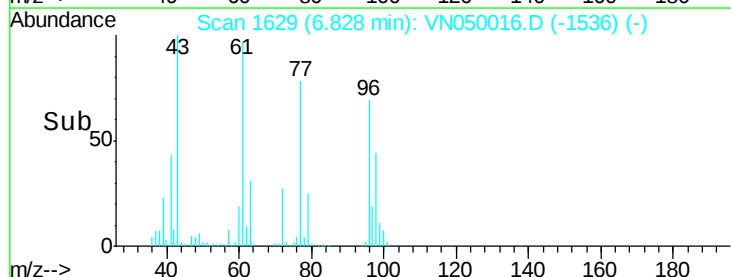
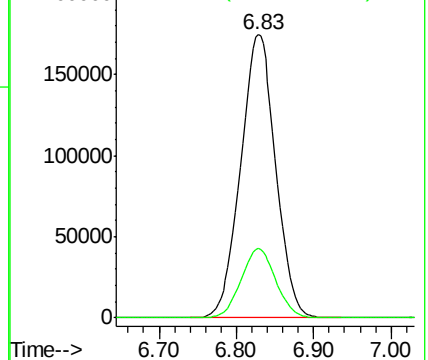
77 100

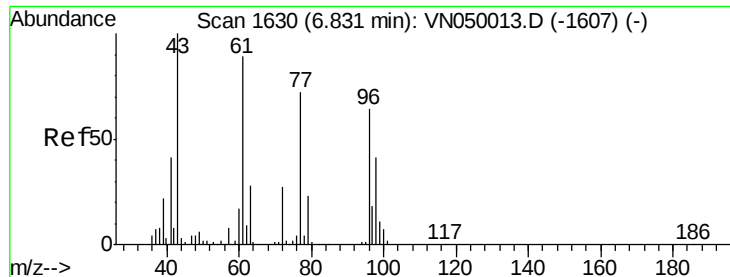
97 24.3 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

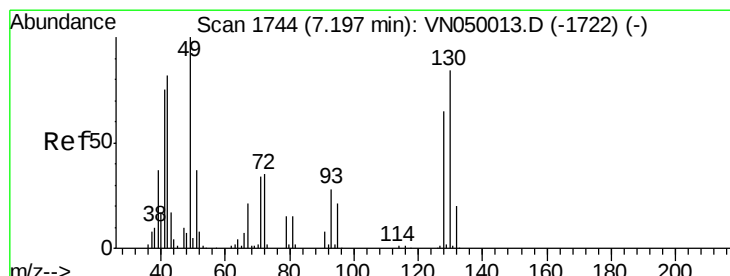
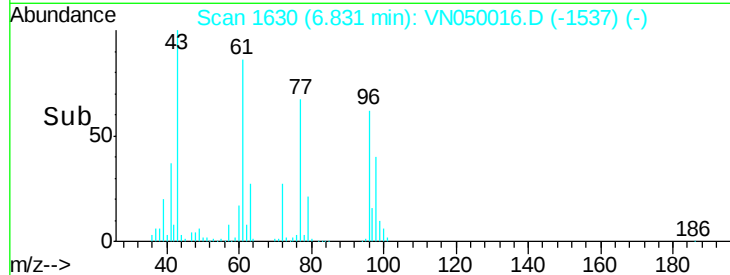
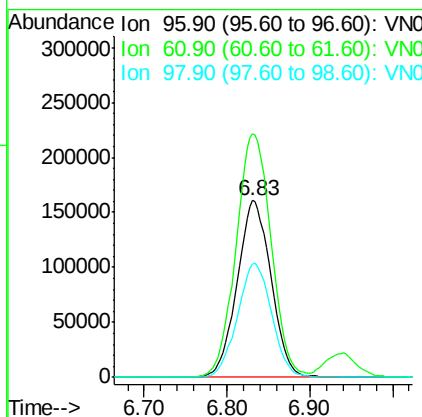
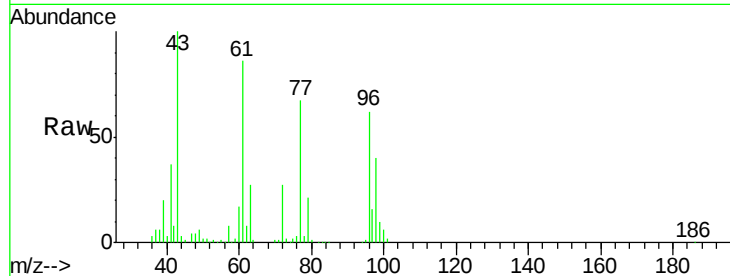
Ion 96.90 (96.60 to 97.60): VN0





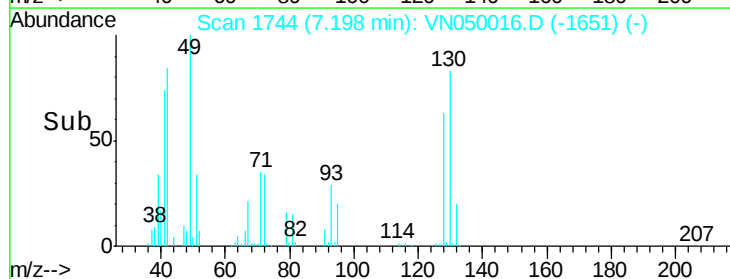
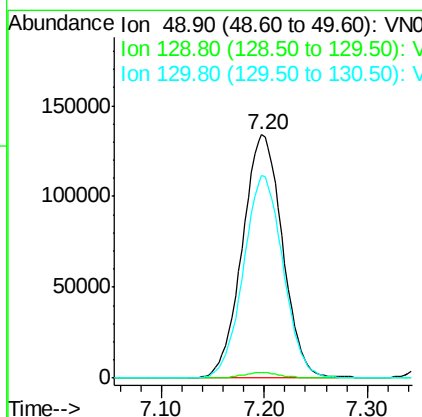
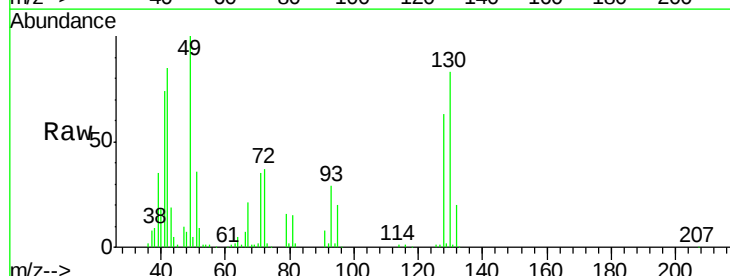
#27
 cis-1,2-Dichloroethene
 Concen: 50.548 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

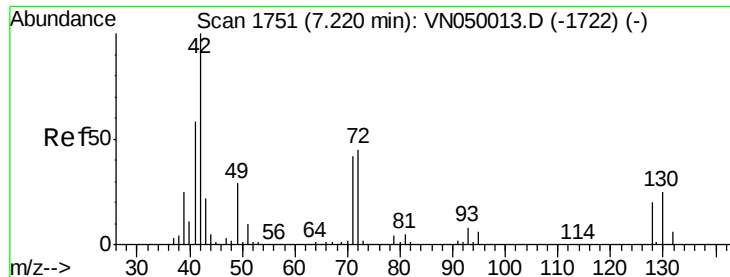
Tgt Ion: 96 Resp: 457375
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 285.0
 98 65.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 49.741 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion: 49 Resp: 361828
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 82.5 66.3 99.5





#29

Tetrahydrofuran

Concen: 260.845 ug/l

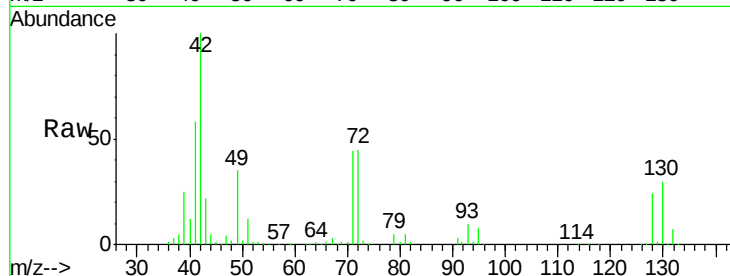
RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

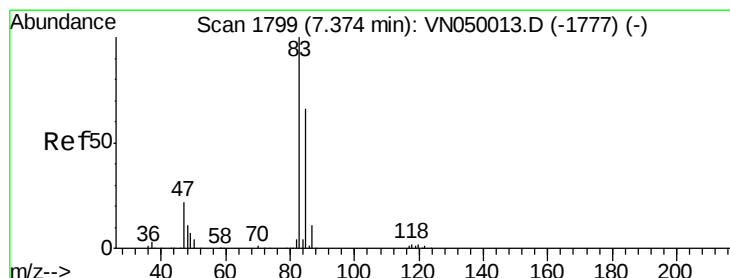
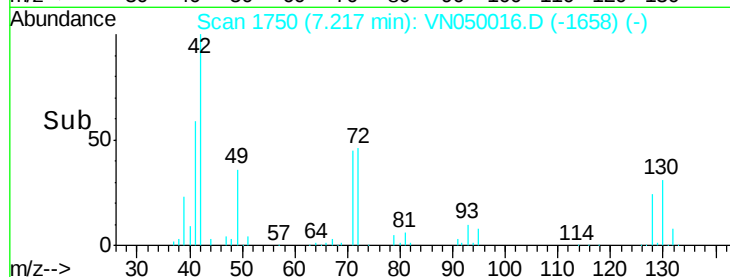
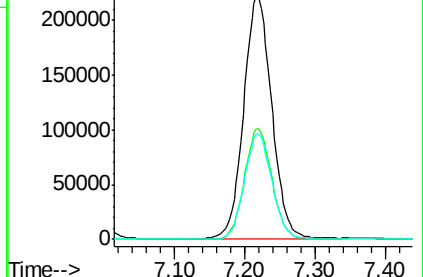
Tgt Ion:	42	Resp:	617381
Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.9	53.9
71	42.5	33.7	50.5



Abundance Ion 42.00 (41.70 to 42.70): VN050013.D (-1722) (-)

Ion 72.00 (71.70 to 72.70): VN050013.D (-1722) (-)

Ion 71.00 (70.70 to 71.70): VN050013.D (-1722) (-)



#30

Chloroform

Concen: 47.312 ug/l

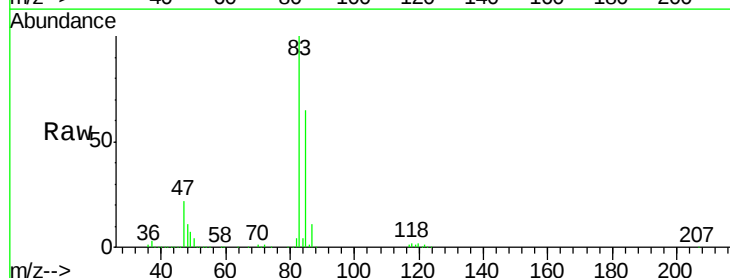
RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050016.D

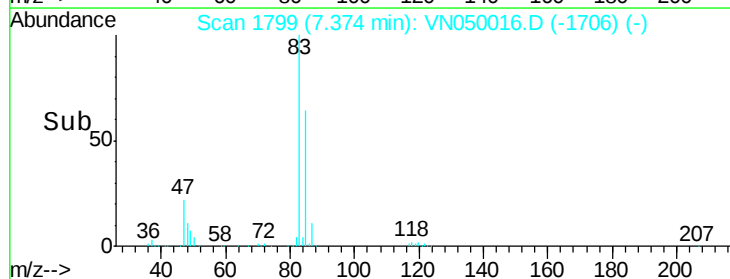
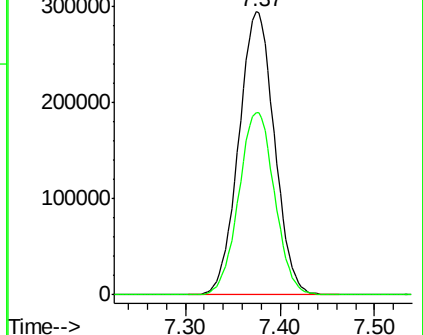
Acq: 23 Jul 2018 20:02

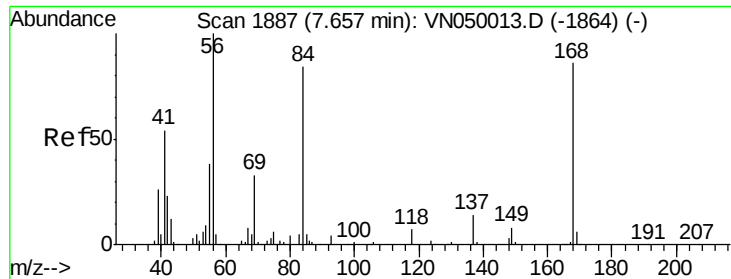
Tgt Ion:	83	Resp:	769994
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050013.D (-1777) (-)

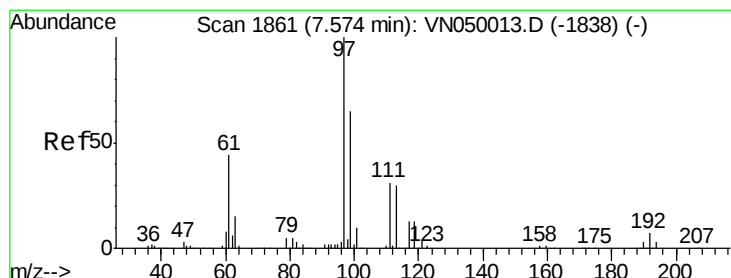
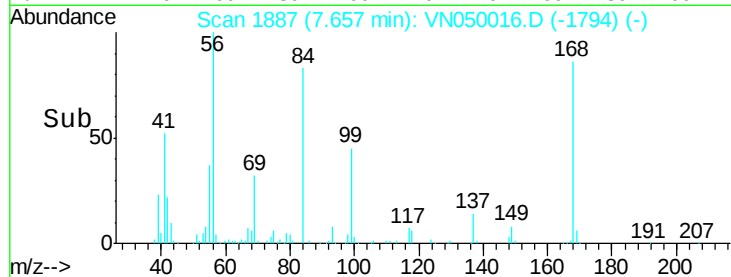
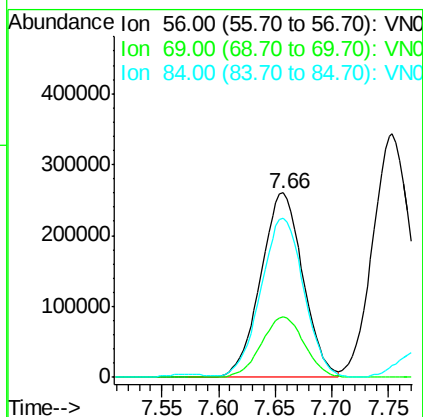
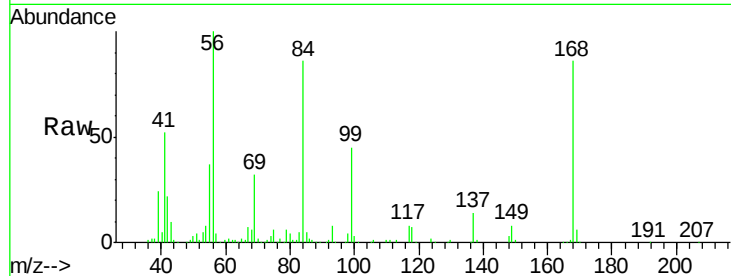
Ion 84.90 (84.60 to 85.60): VN050013.D (-1777) (-)





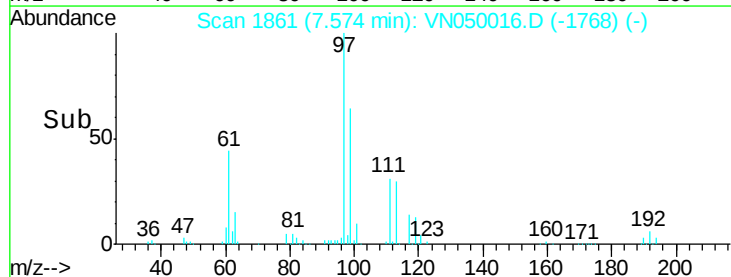
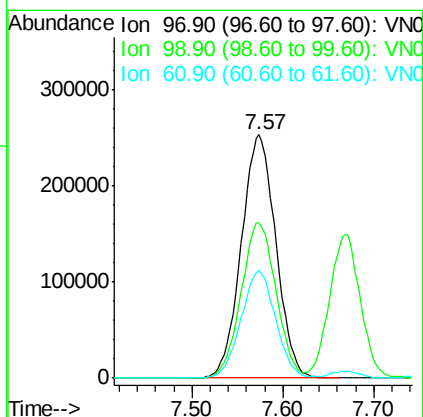
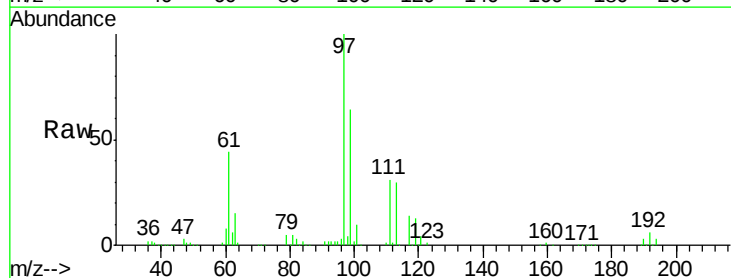
#31
Cyclohexane
Concen: 50.887 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

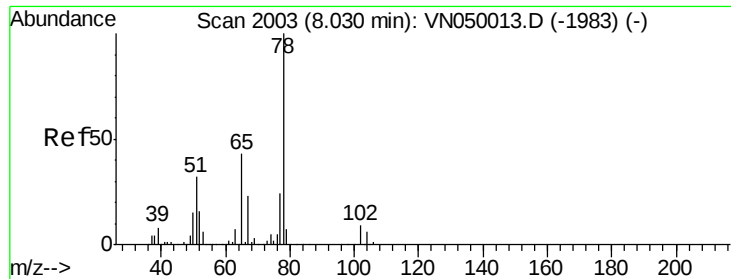
Tgt Ion: 56 Resp: 673037
Ion Ratio Lower Upper
56 100
69 32.5 26.2 39.4
84 85.0 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 47.898 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

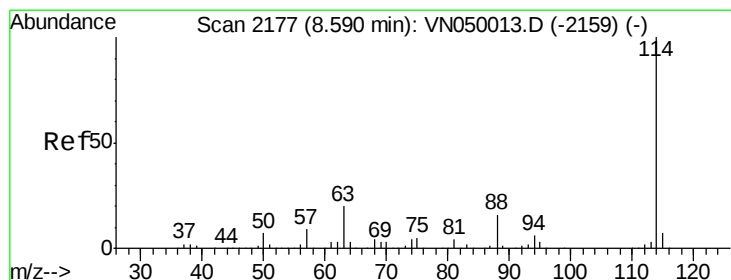
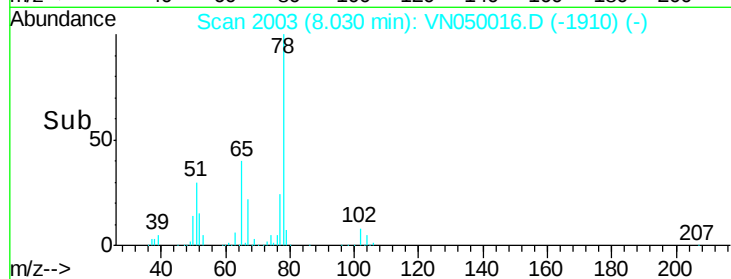
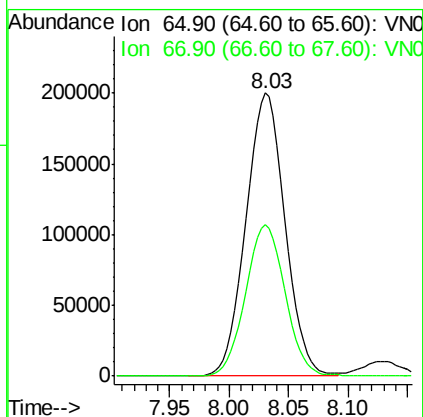
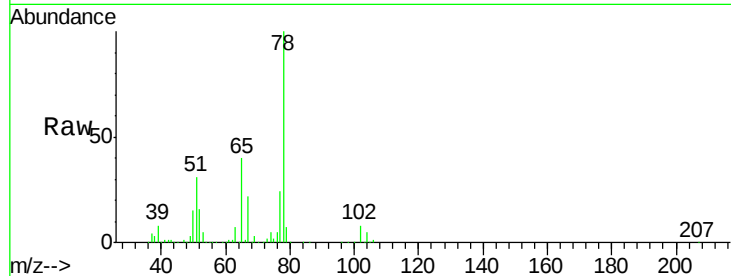
Tgt Ion: 97 Resp: 666795
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 44.2 35.4 53.0





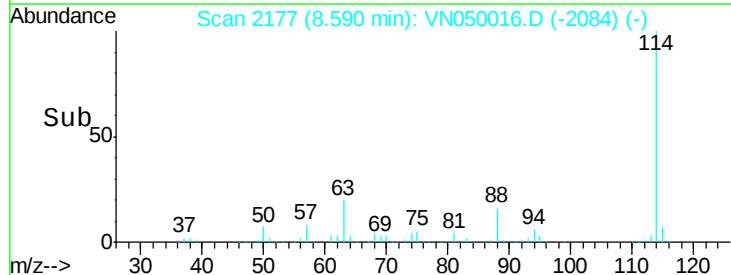
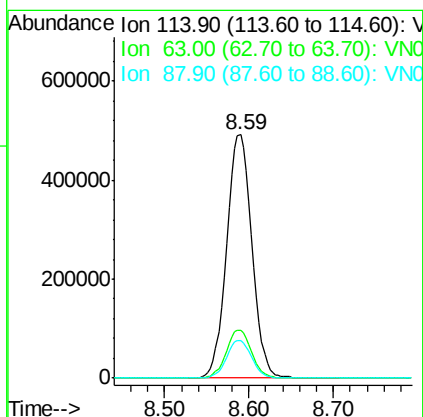
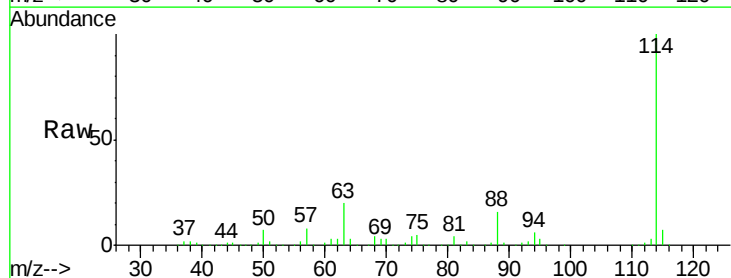
#33
 1,2-Dichloroethane-d4
 Concen: 47.454 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

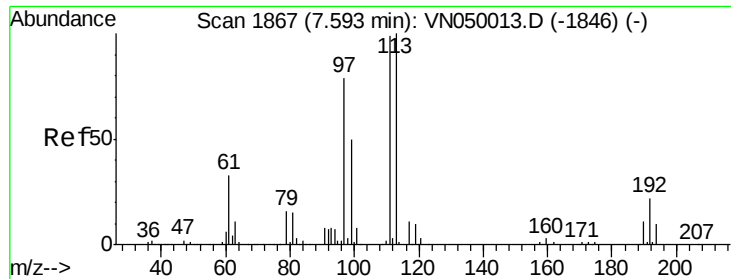
Tgt Ion: 65 Resp: 455688
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

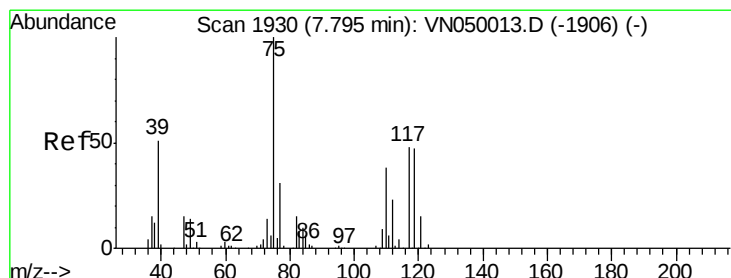
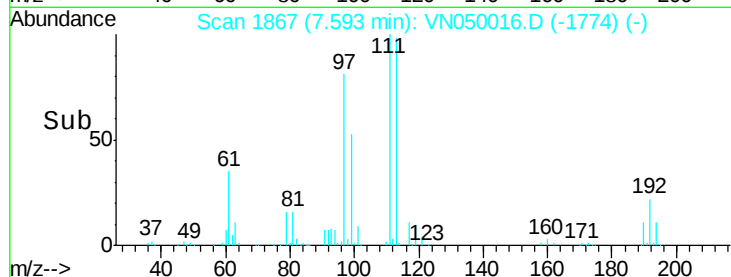
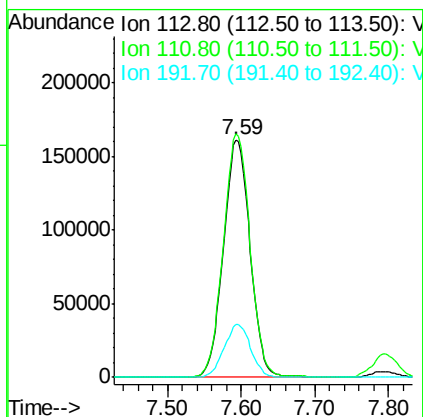
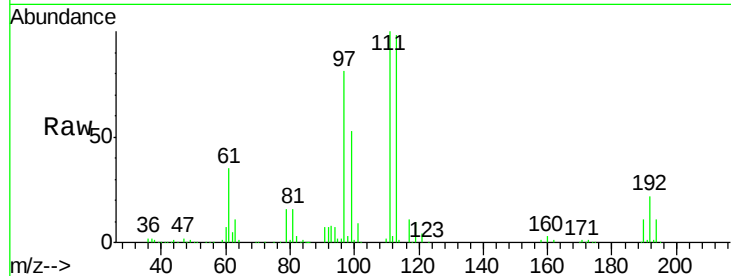
Tgt Ion: 114 Resp: 1022060
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.5 0.0 31.2





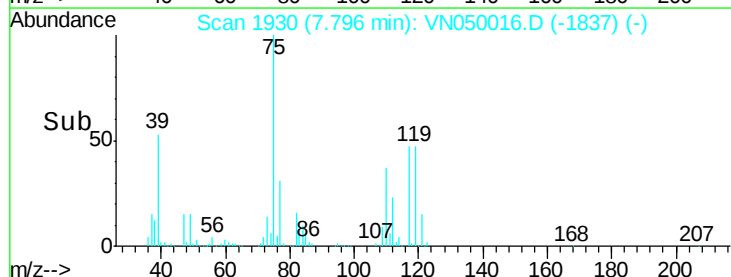
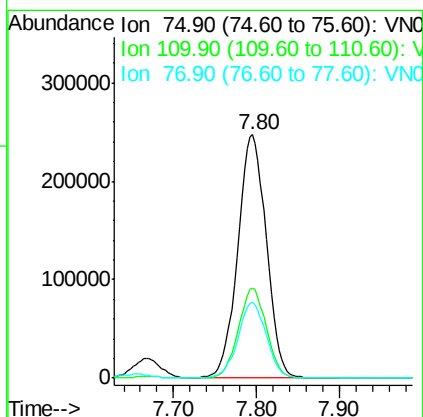
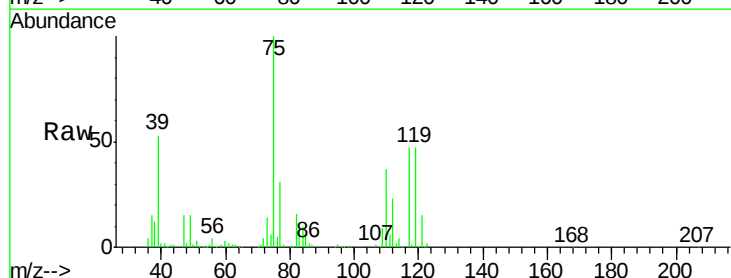
#35
 Dibromofluoromethane
 Concen: 48.588 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

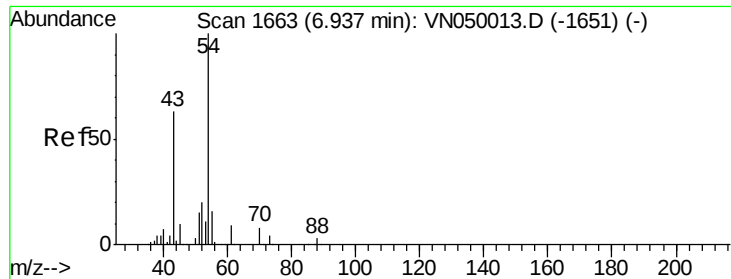
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 51.376 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

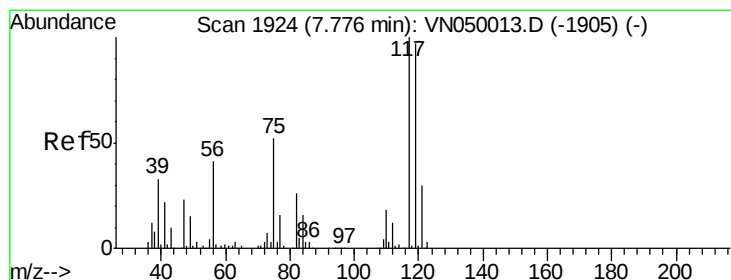
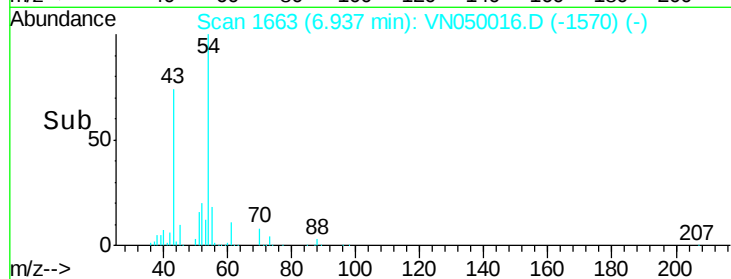
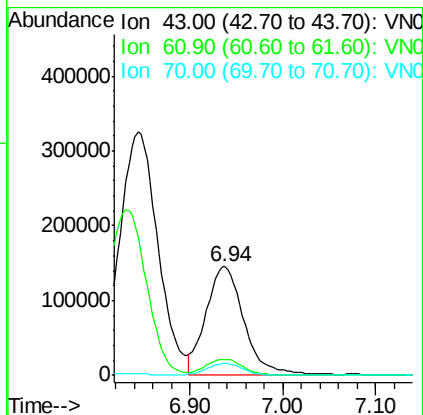
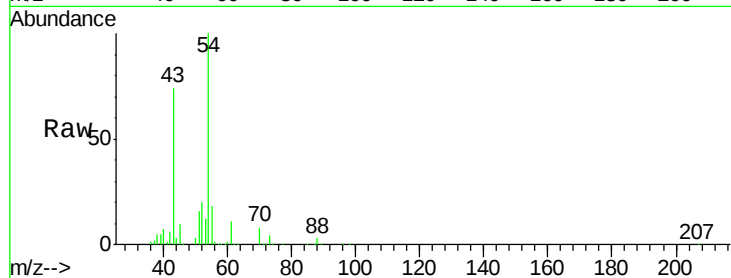
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.4	55.2
77	31.2	25.3	37.9





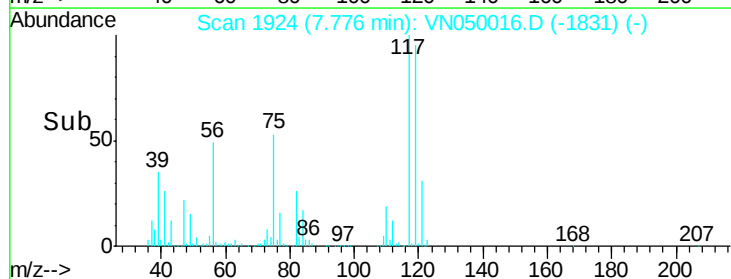
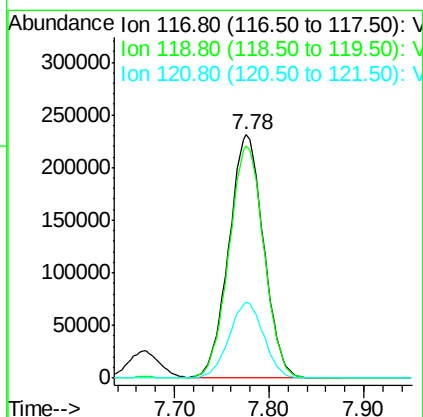
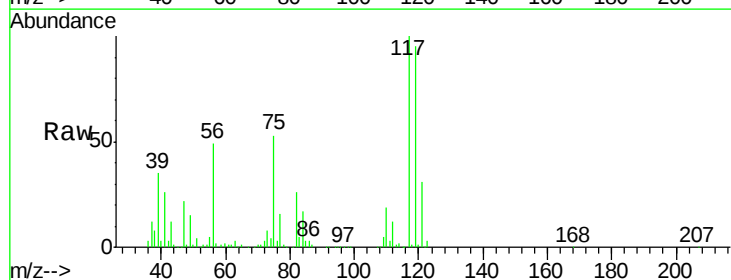
#37
Ethyl Acetate
Concen: 50.680 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

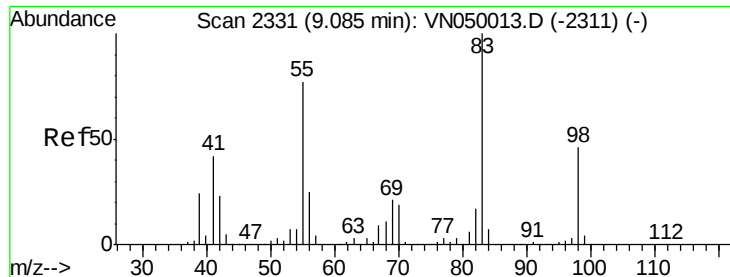
Tgt Ion: 43 Resp: 406871
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 48.307 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

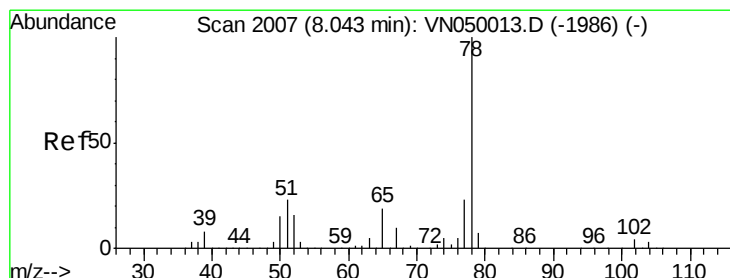
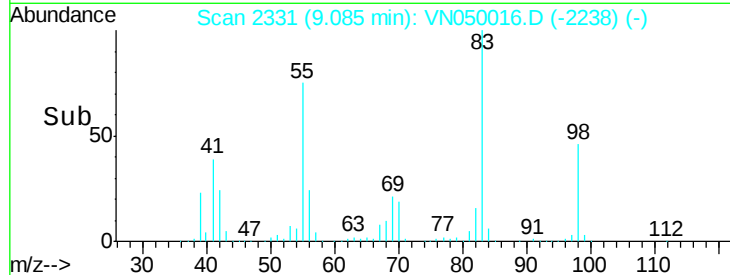
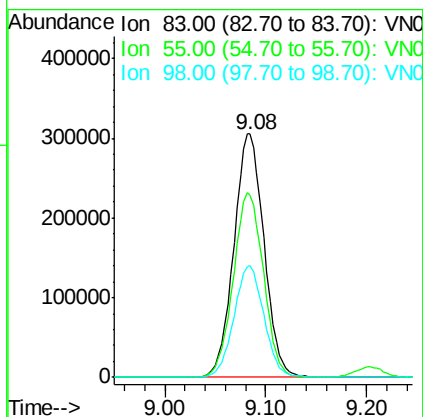
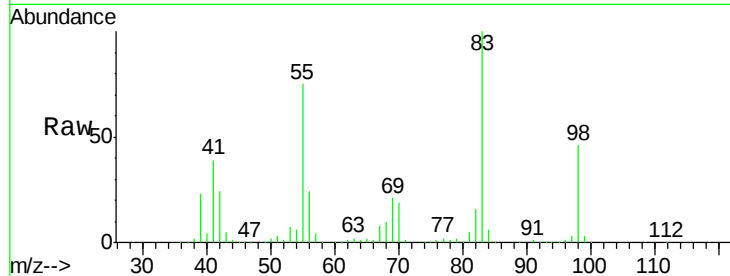
Tgt Ion: 117 Resp: 590222
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
121 31.1 23.9 35.9





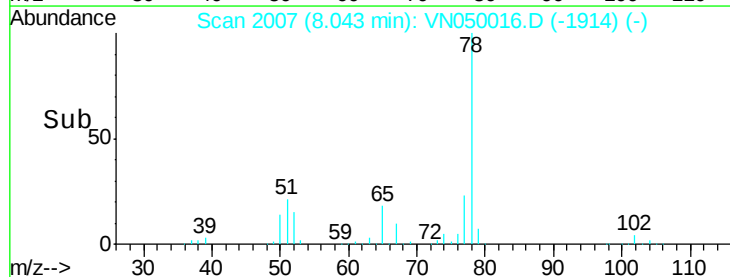
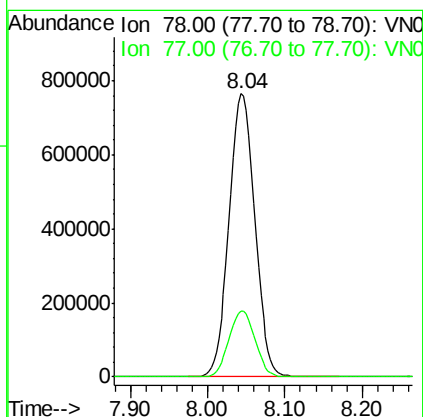
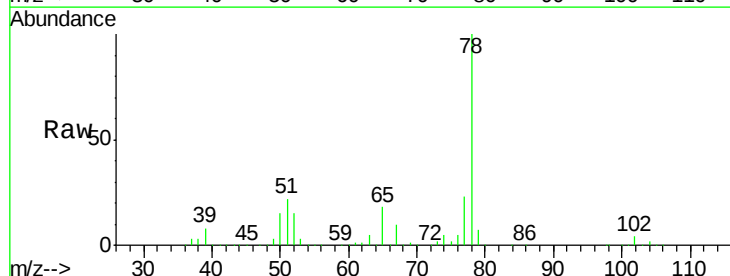
#39
Methylcyclohexane
Concen: 53.397 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

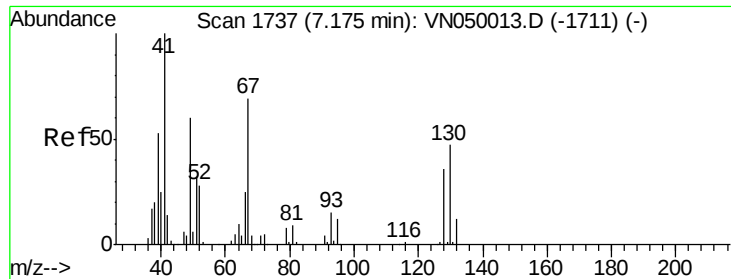
Tgt Ion: 83 Resp: 632526
Ion Ratio Lower Upper
83 100
55 75.0 61.8 92.8
98 45.7 36.5 54.7



#40
Benzene
Concen: 50.370 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

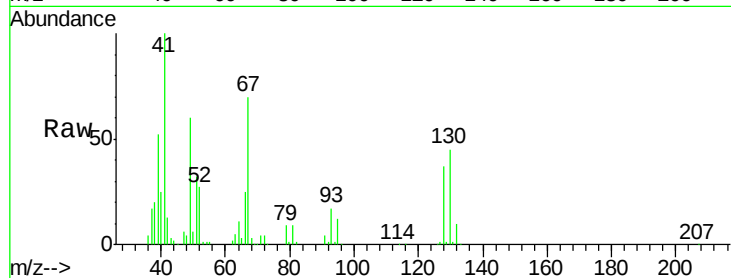
Tgt Ion: 78 Resp: 1764948
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1



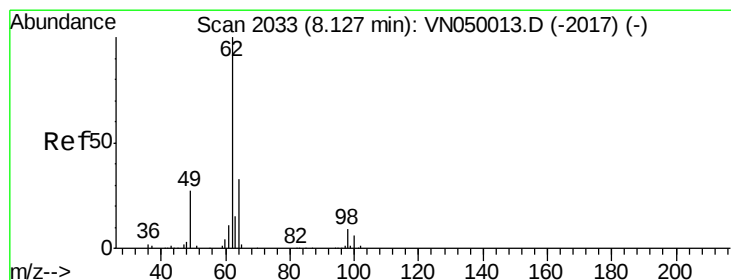
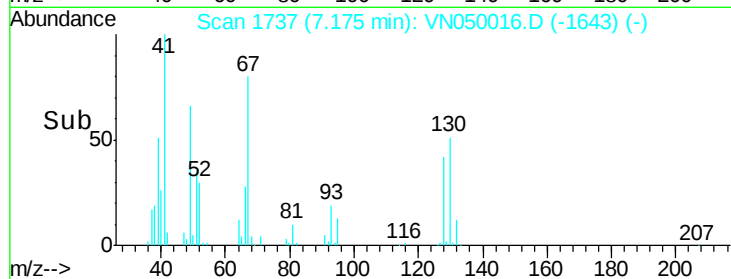
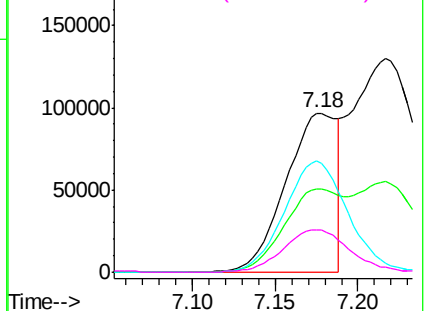


#41
Methacrylonitrile
Concen: 49.990 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion:	41	Resp:	209028
Ion	Ratio	Lower	Upper
41	100		
39	57.4	55.8	83.6
67	86.7	84.3	126.5
52	34.2	34.2	51.2

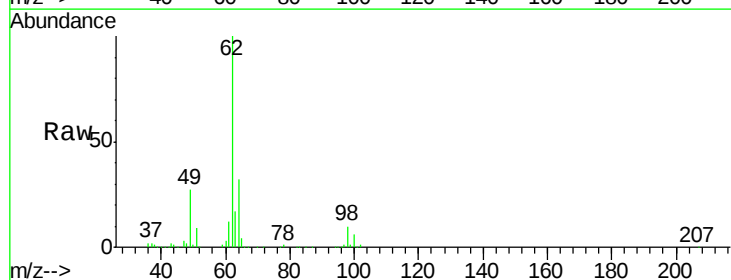


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

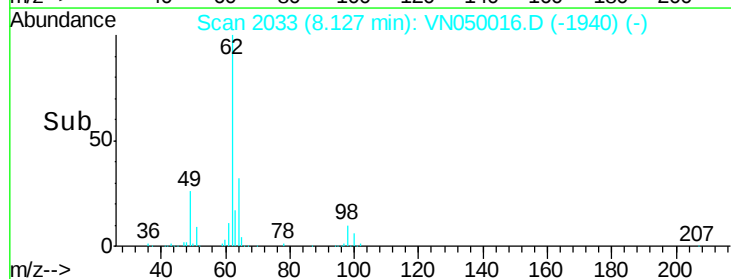
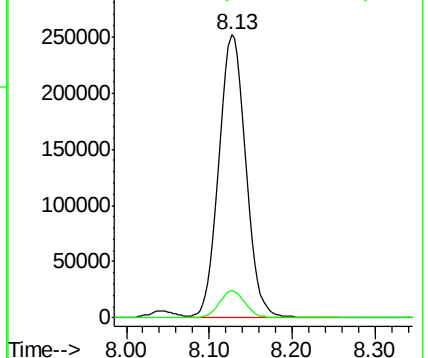


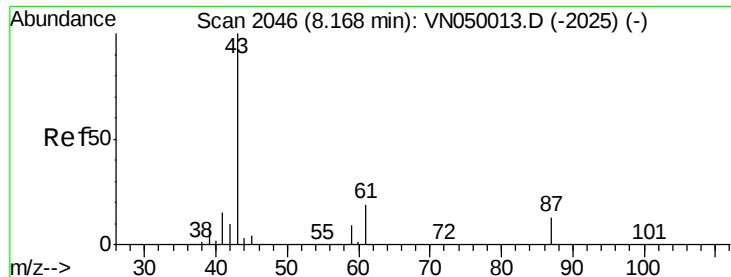
#42
1,2-Dichloroethane
Concen: 48.575 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion:	62	Resp:	567821
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.676 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

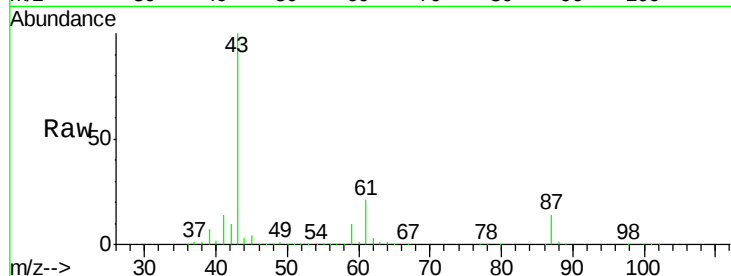
Tgt Ion: 43 Resp: 751657

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.6

87 13.3 10.3 15.5

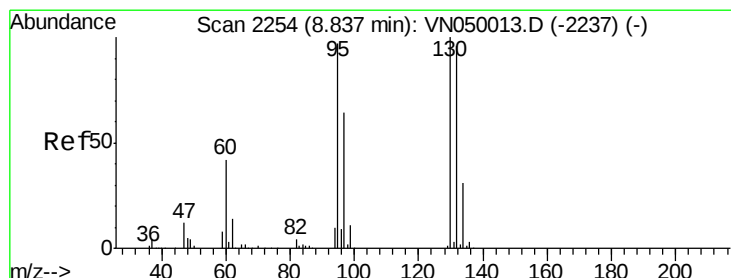
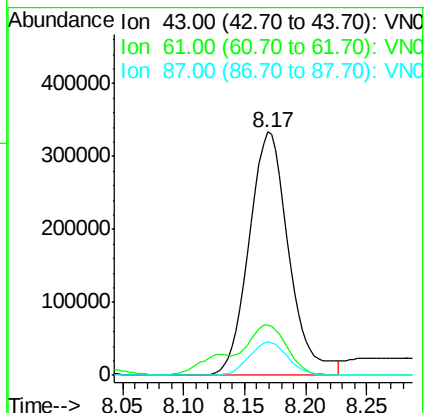
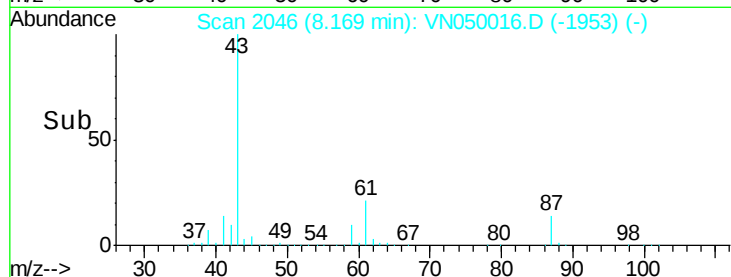


Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050013.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050013.D (-2025) (-)

Time-->



#44

Trichloroethene

Concen: 49.207 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050016.D

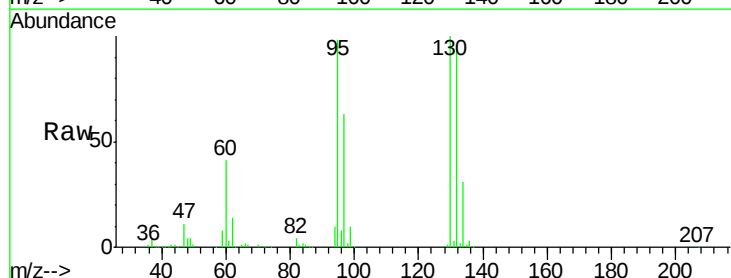
Acq: 23 Jul 2018 20:02

Tgt Ion: 130 Resp: 463299

Ion Ratio Lower Upper

130 100

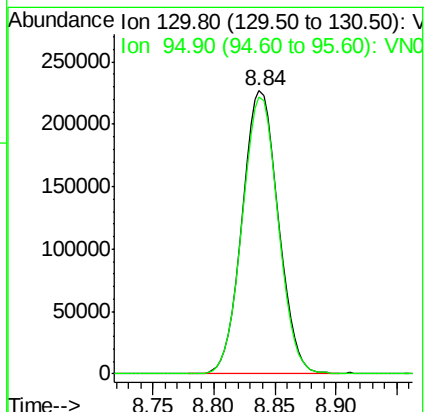
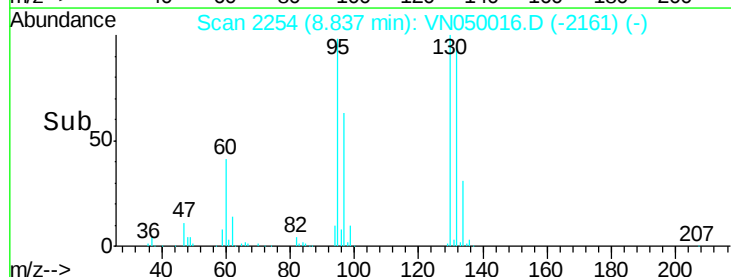
95 98.1 0.0 194.6

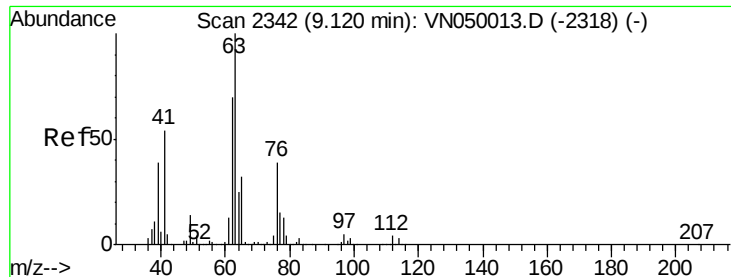


Abundance Ion 129.80 (129.50 to 130.50): VN050013.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050013.D (-2237) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 49.339 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050016.D

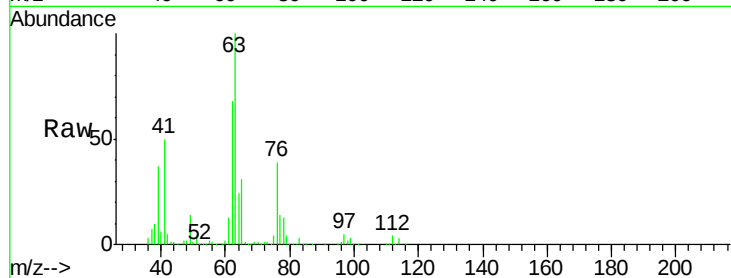
Acq: 23 Jul 2018 20:02

Tgt Ion: 63 Resp: 457907

Ion Ratio Lower Upper

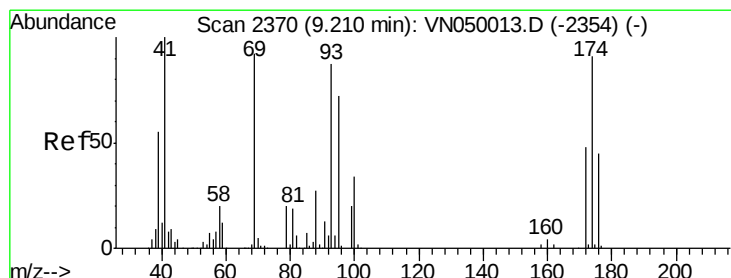
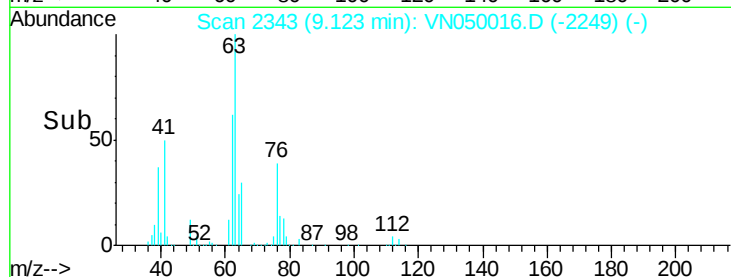
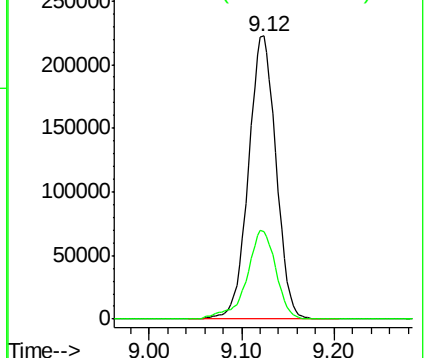
63 100

65 31.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.233 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

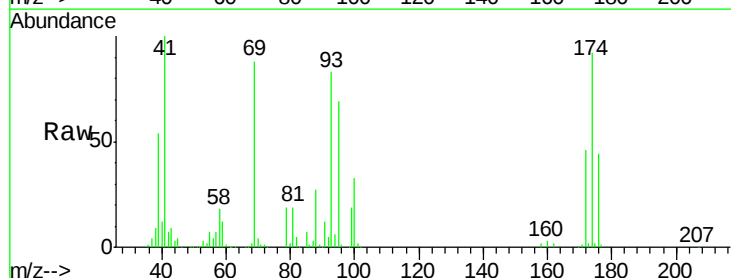
Tgt Ion: 93 Resp: 283718

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

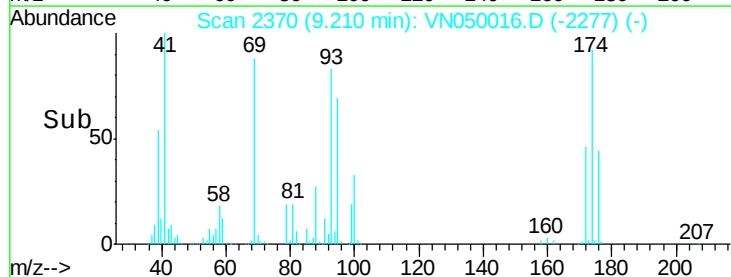
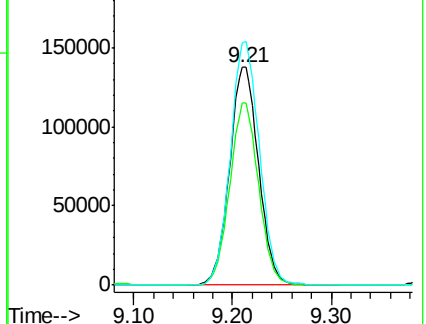
174 111.4 87.1 130.7

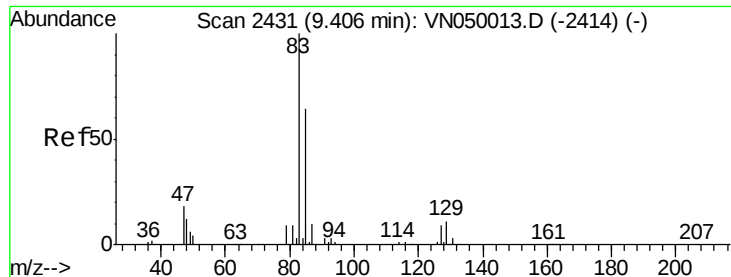


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.599 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

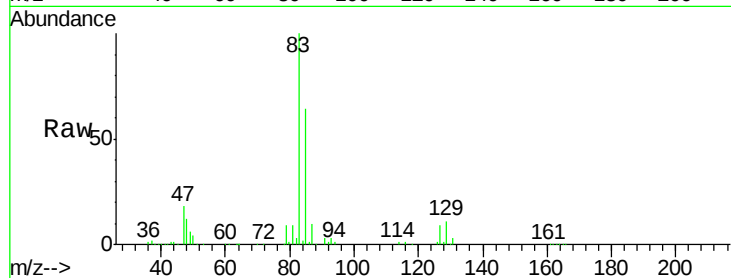
Tgt Ion: 83 Resp: 591099

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

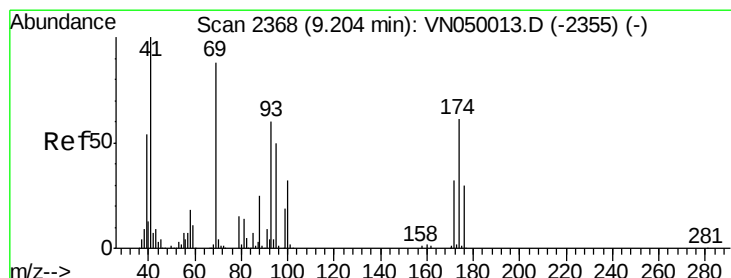
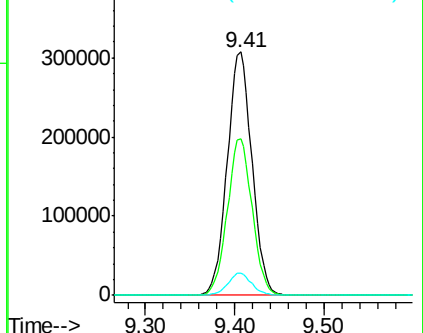
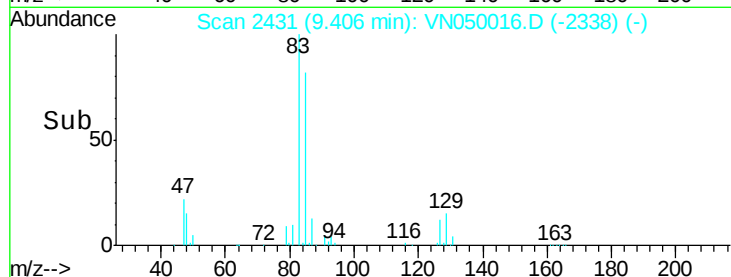
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN050016.D (-2338) (-)

Ion 84.90 (84.60 to 85.60): VN050016.D (-2338) (-)

Ion 126.80 (126.50 to 127.50): VN050016.D (-2338) (-)



#48

Methyl methacrylate

Concen: 52.503 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

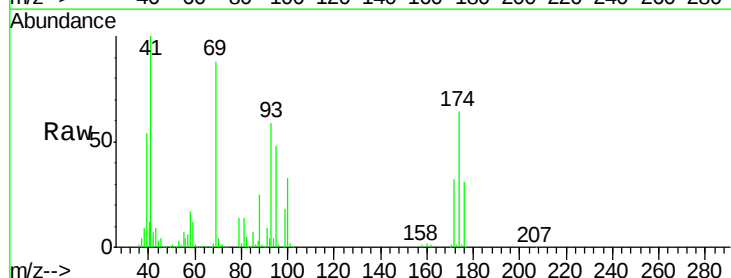
Tgt Ion: 41 Resp: 363017

Ion Ratio Lower Upper

41 100

69 90.1 70.6 105.8

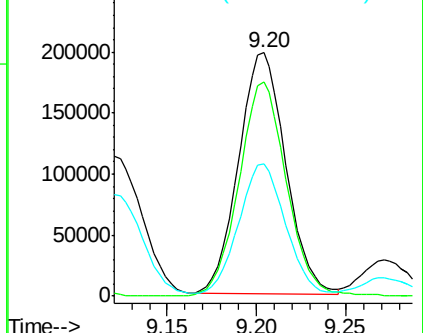
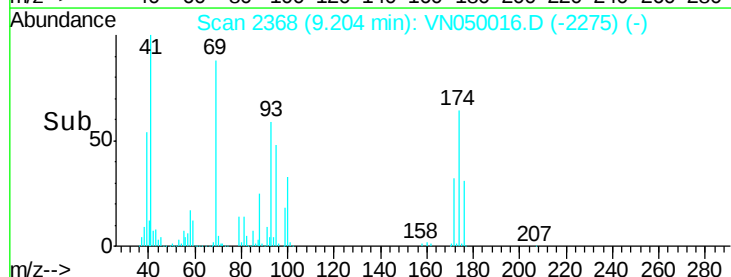
39 55.2 43.9 65.9

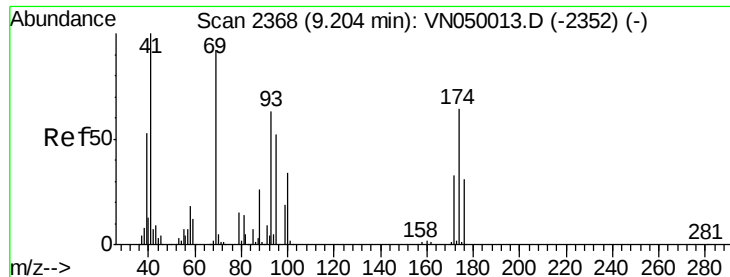


Abundance Ion 41.00 (40.70 to 41.70): VN050016.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN050016.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN050016.D (-2275) (-)





#49

1,4-Dioxane

Concen: 1061.061 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

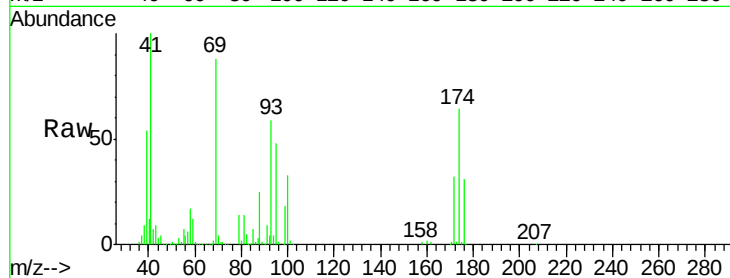
Tgt Ion: 88 Resp: 99840

Ion Ratio Lower Upper

88 100

43 33.1 26.9 40.3

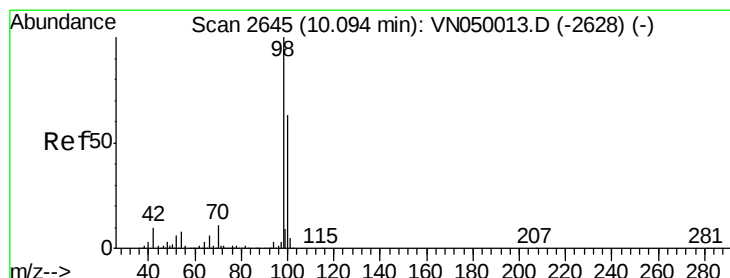
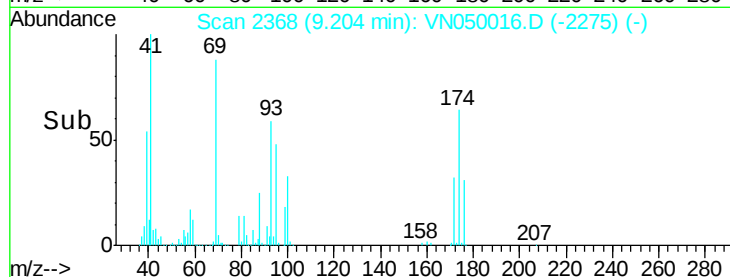
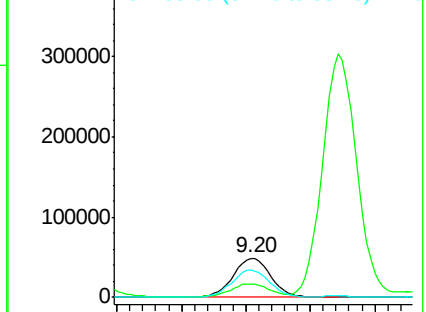
58 70.1 57.3 85.9



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: 49.457 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050016.D

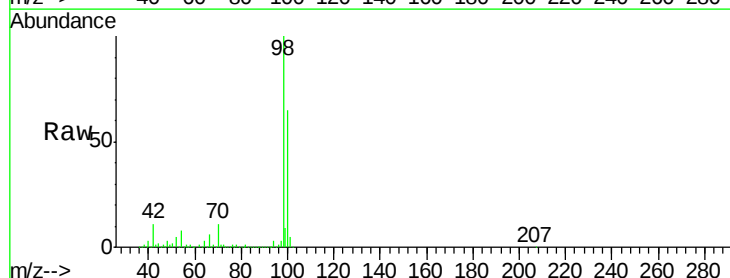
Acq: 23 Jul 2018 20:02

Tgt Ion: 98 Resp: 1517289

Ion Ratio Lower Upper

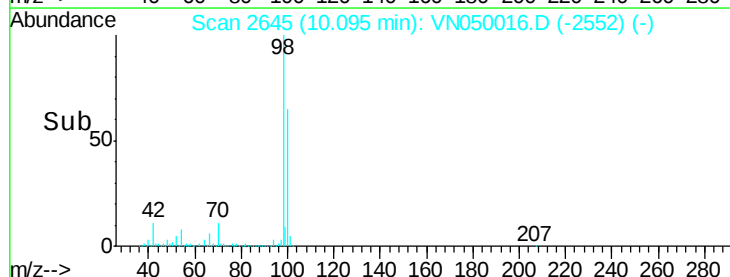
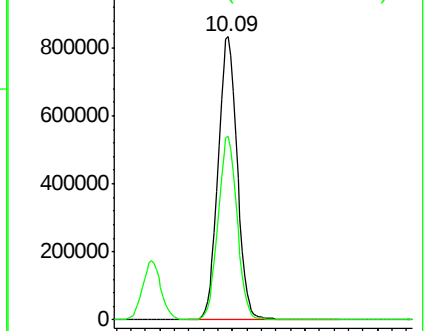
98 100

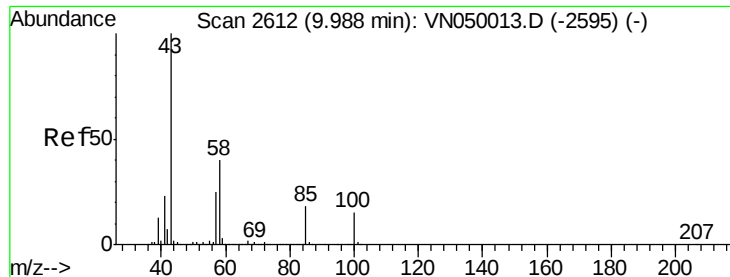
100 64.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

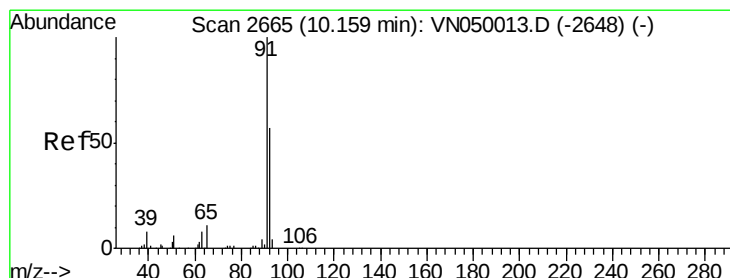
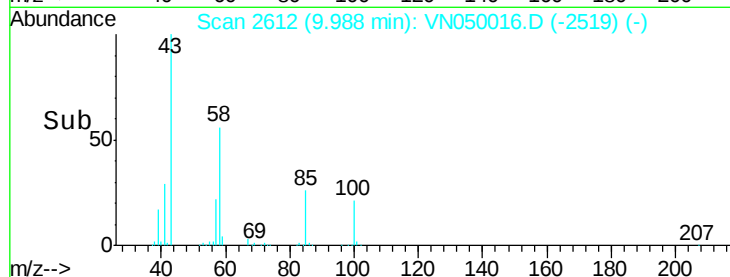
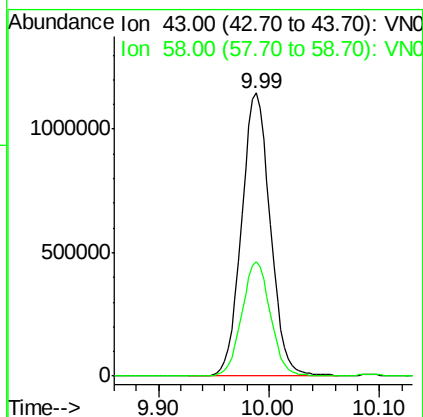
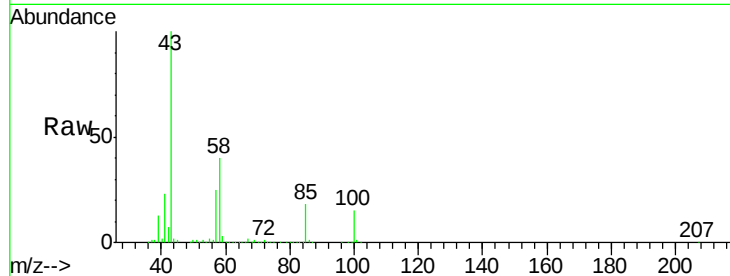
Ion 100.00 (99.70 to 100.70): VN0





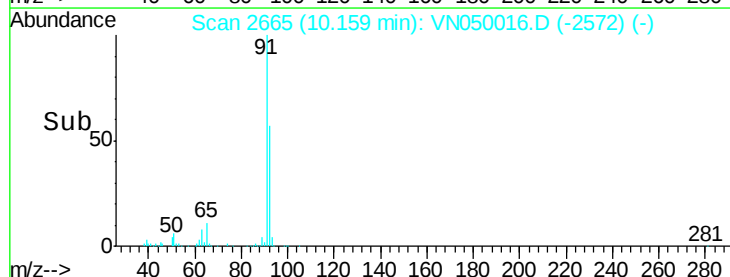
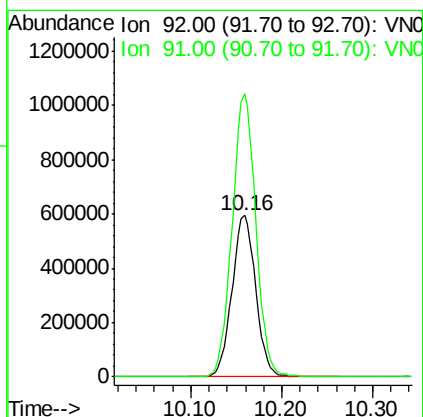
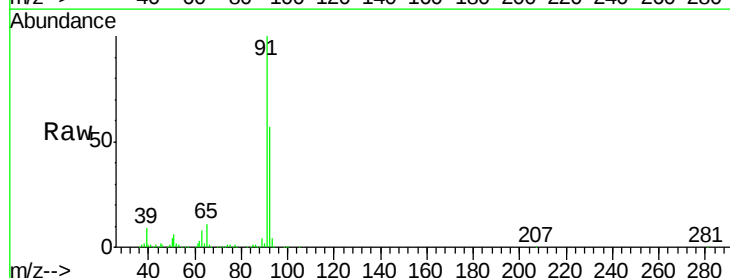
#51
 4-Methyl-2-Pentanone
 Concen: 260.921 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

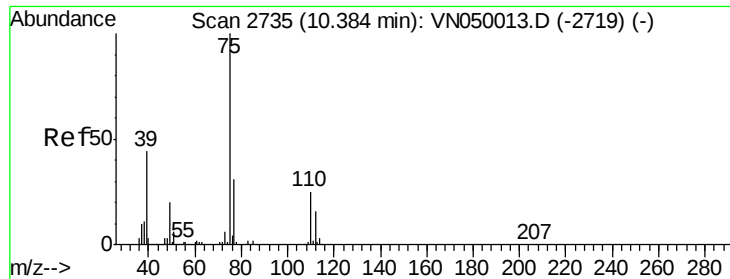
Tgt Ion: 43 Resp: 2059243
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.9 47.9



#52
 Toluene
 Concen: 51.959 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

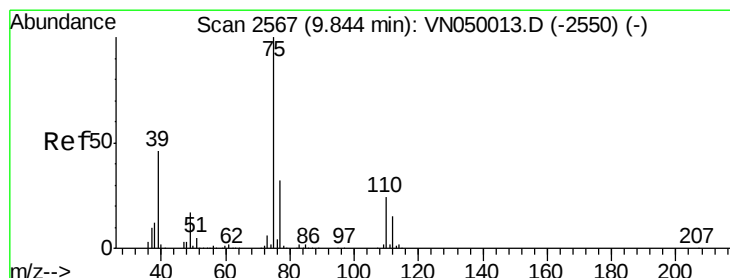
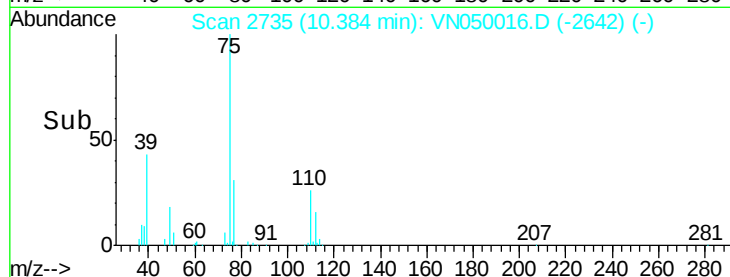
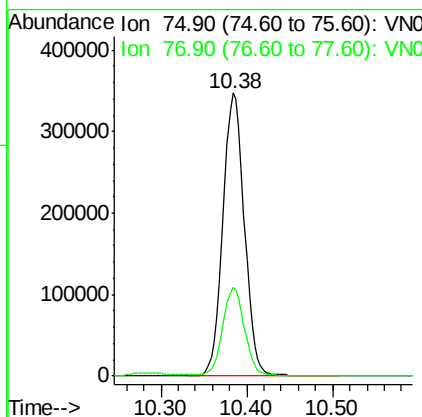
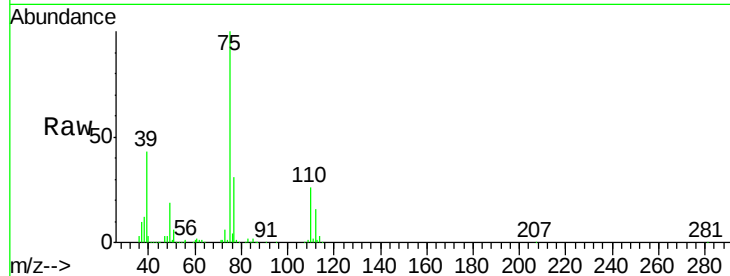
Tgt Ion: 92 Resp: 1074692
 Ion Ratio Lower Upper
 92 100
 91 175.5 140.3 210.5





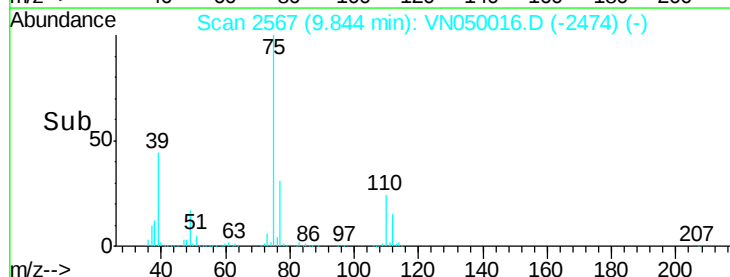
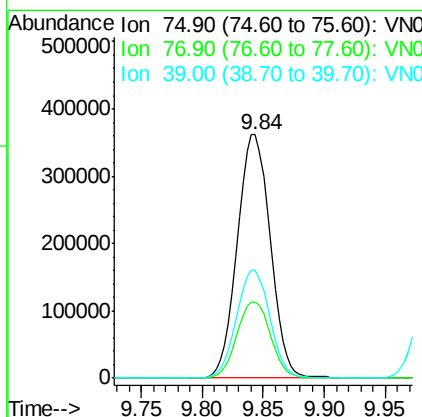
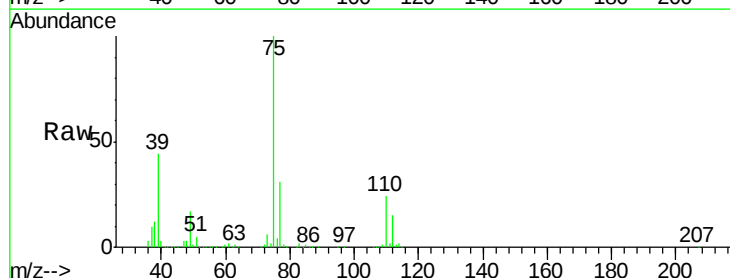
#53
 t-1,3-Dichloropropene
 Concen: 52.621 ug/l
 RT: 10.38 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

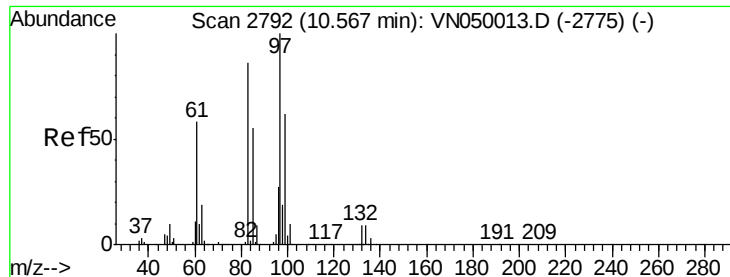
Tgt Ion: 75 Resp: 603935
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.738 ug/l
 RT: 9.84 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

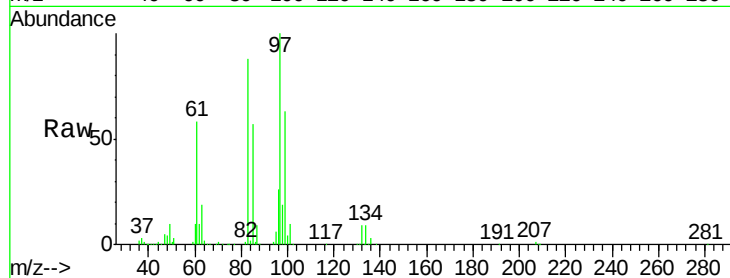
Tgt Ion: 75 Resp: 678627
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 44.2 36.6 55.0



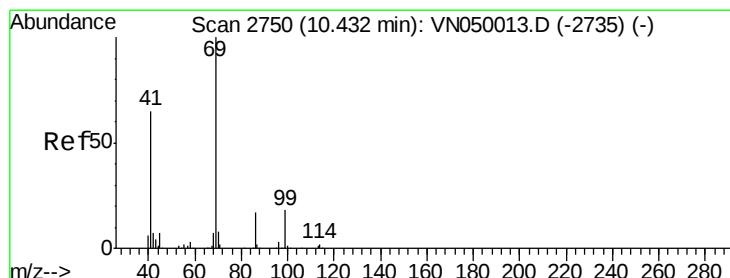
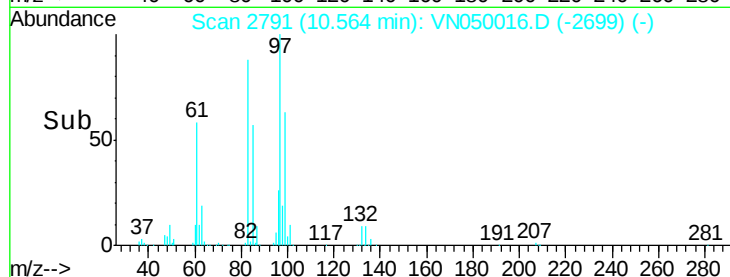
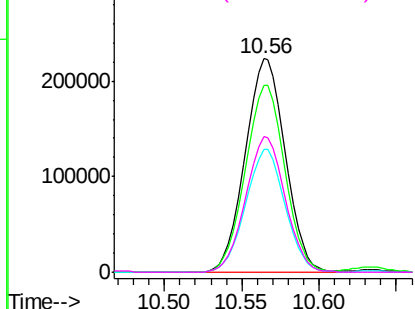


#55
 1,1,2-Trichloroethane
 Concen: 49.099 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion:	97	Resp:	402809
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.2	103.8
85	57.4	44.0	66.0
99	63.2	49.9	74.9

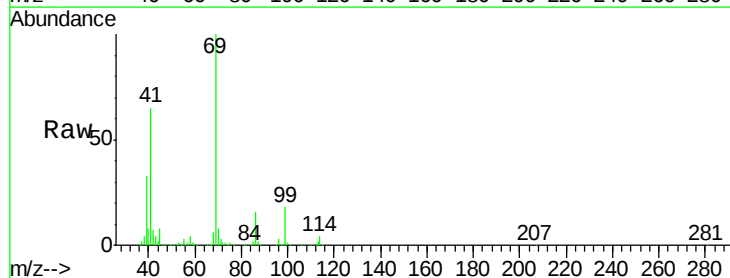


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

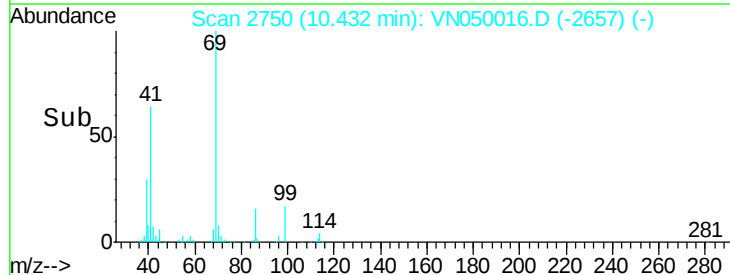
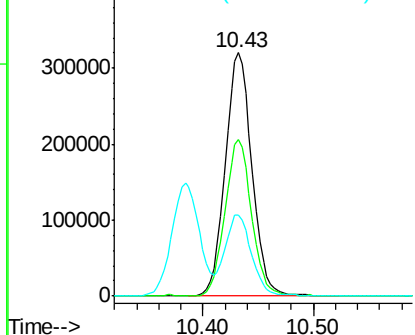


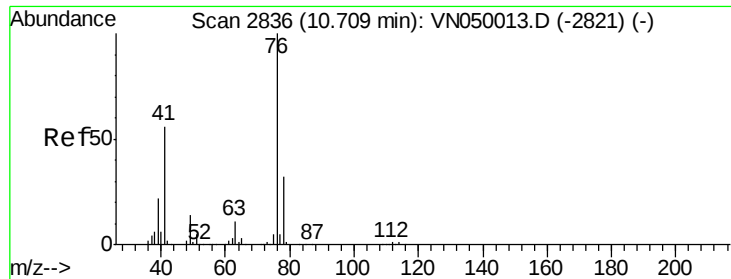
#56
 Ethyl methacrylate
 Concen: 48.373 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion:	69	Resp:	536818
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.0	76.4
39	33.3	26.6	40.0



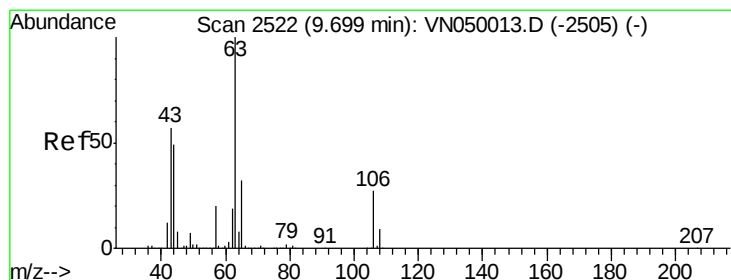
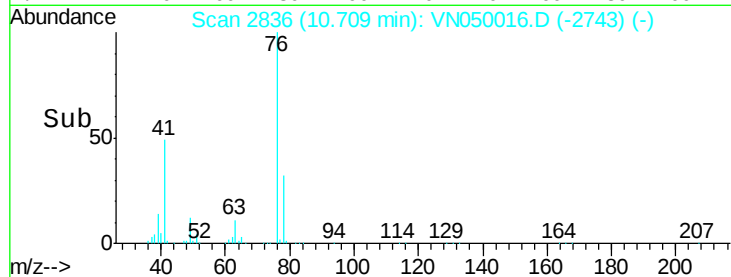
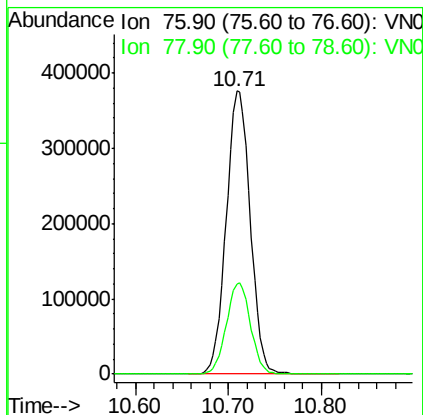
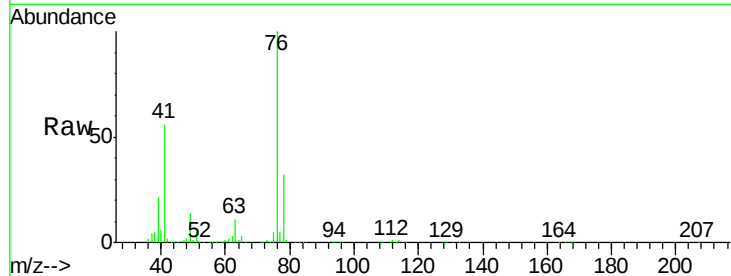
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





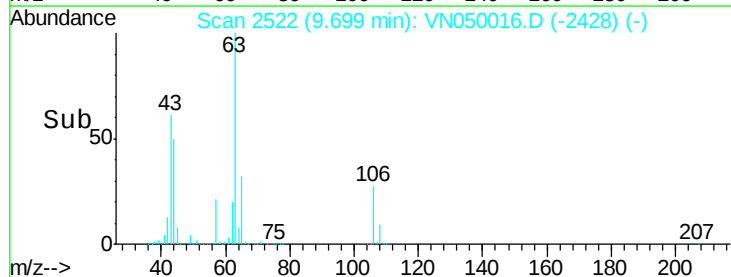
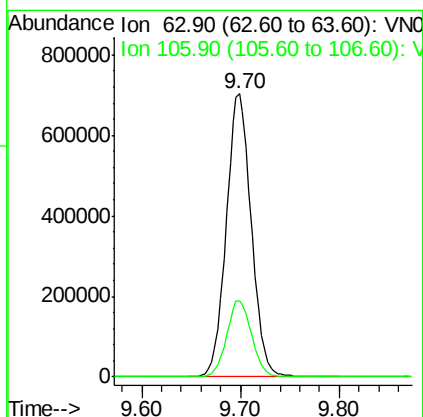
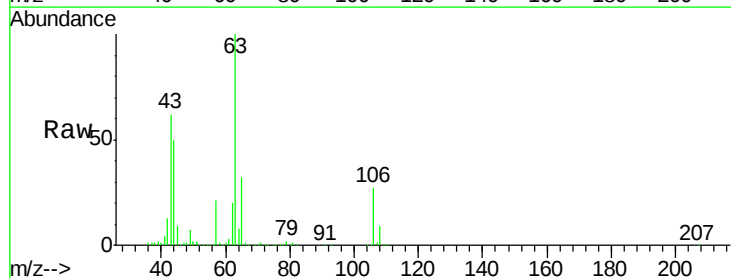
#57
 1,3-Dichloropropane
 Concen: 50.506 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

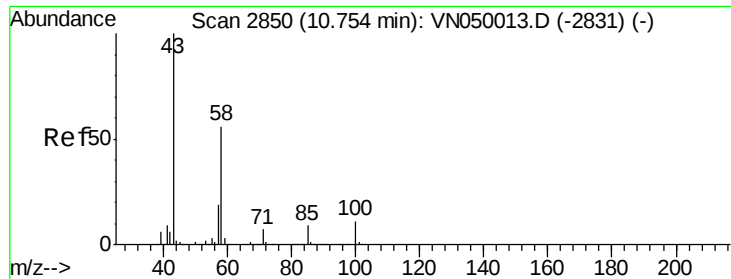
Tgt Ion: 76 Resp: 674729
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.413 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion: 63 Resp: 1246497
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.7 32.5





#59

2-Hexanone

Concen: 242.412 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050016.D

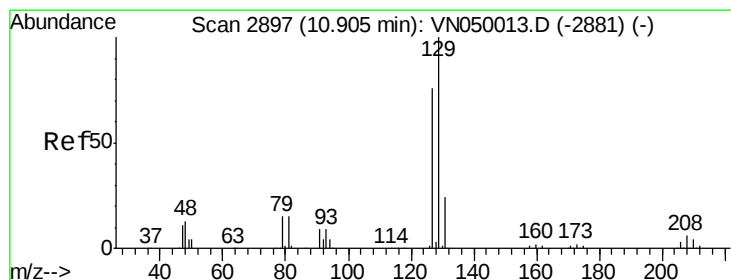
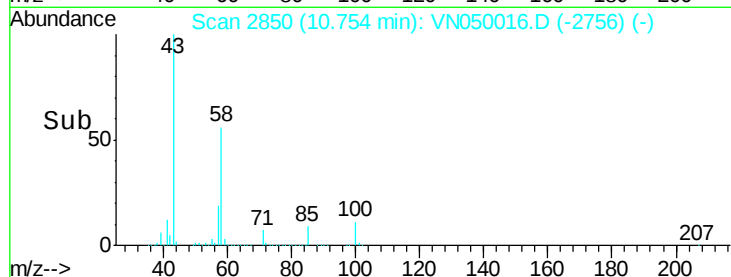
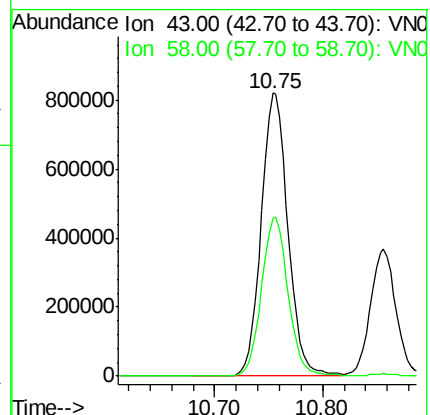
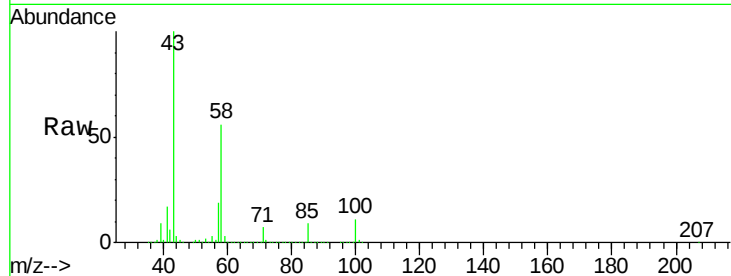
Acq: 23 Jul 2018 20:02

Tgt Ion: 43 Resp: 1404885

Ion Ratio Lower Upper

43 100

58 55.9 27.6 82.7



#60

Dibromochloromethane

Concen: 50.005 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN050016.D

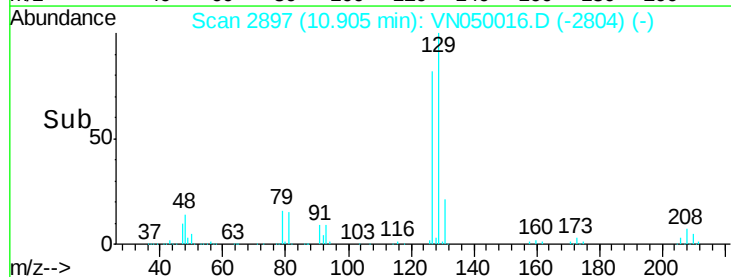
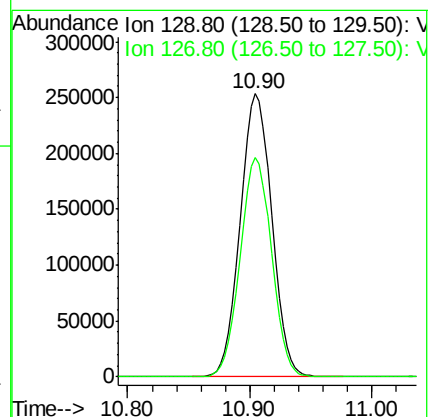
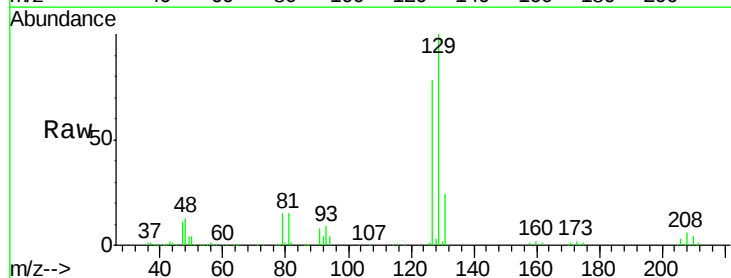
Acq: 23 Jul 2018 20:02

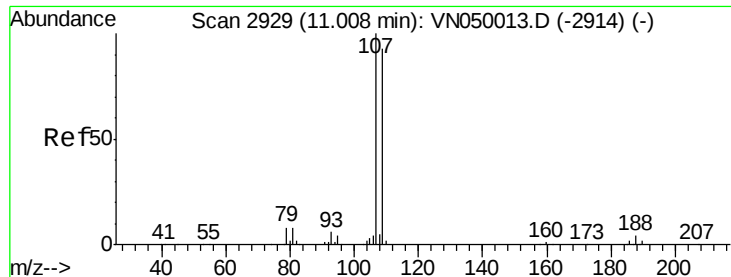
Tgt Ion: 129 Resp: 454202

Ion Ratio Lower Upper

129 100

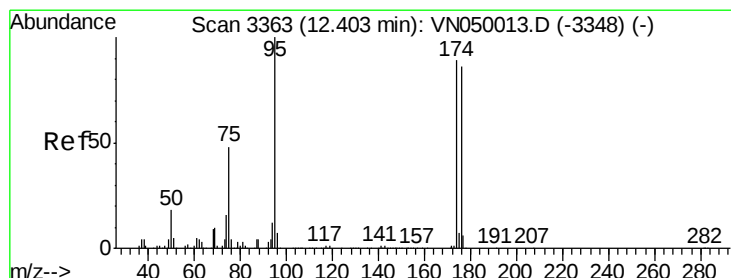
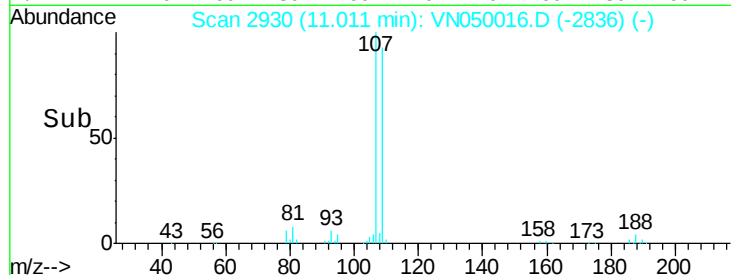
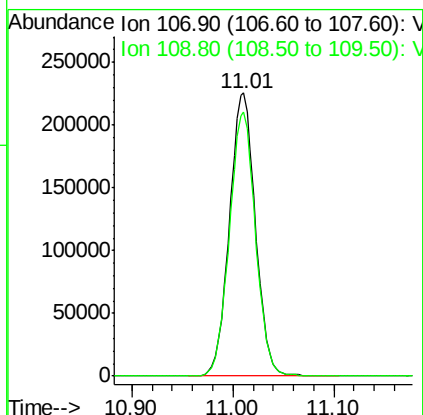
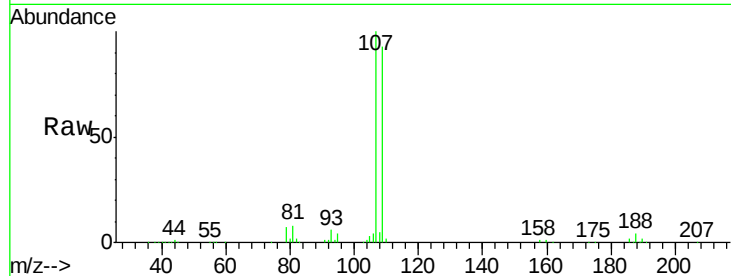
127 77.1 38.0 113.9





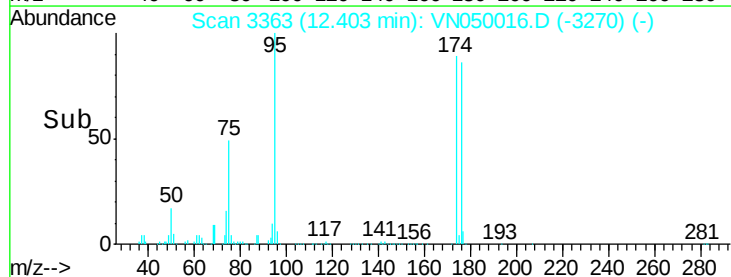
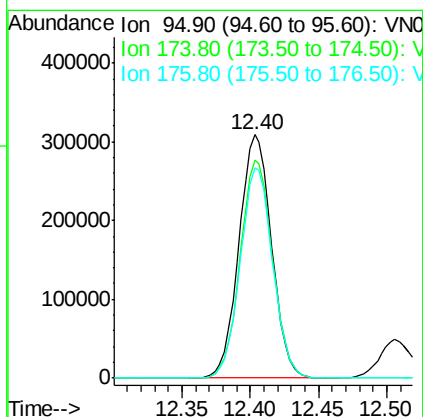
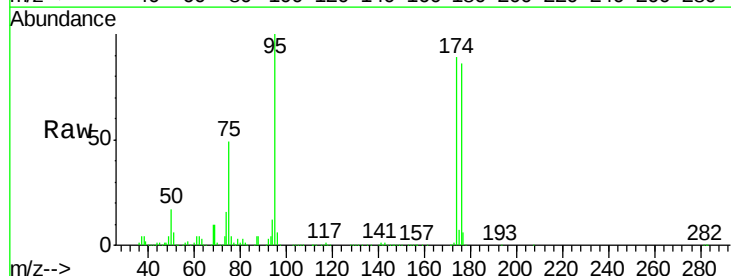
#61
 1,2-Dibromoethane
 Concen: 49.597 ug/l
 RT: 11.01 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

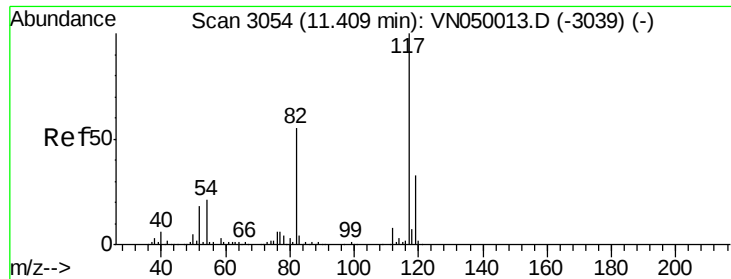
Tgt Ion: 107 Resp: 403713
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.693 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion: 95 Resp: 512090
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 178.2
 176 85.9 0.0 173.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

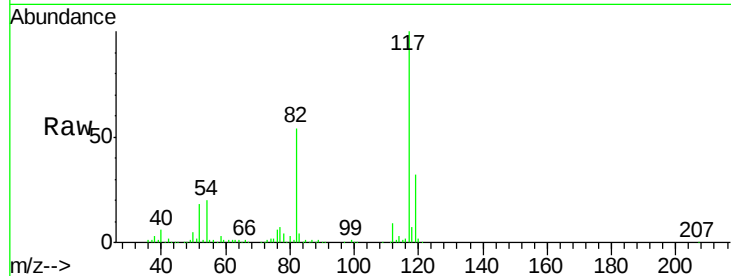
RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

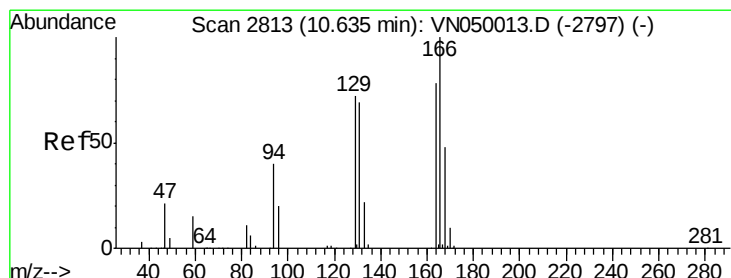
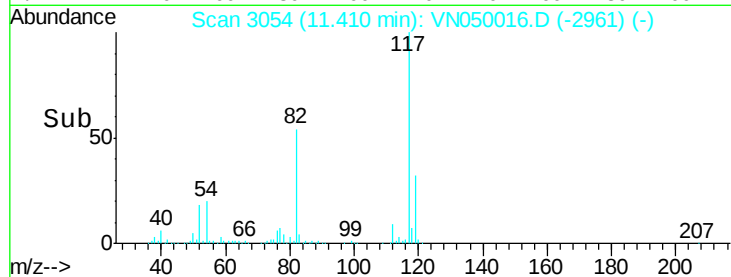
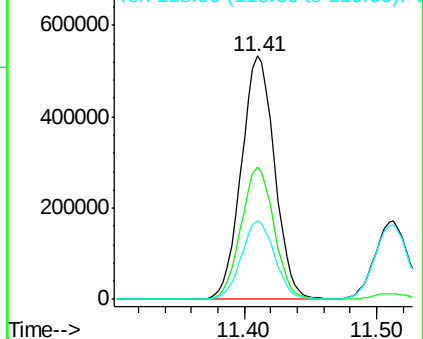
Tgt Ion:	117	Resp:	930807
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.7	65.5
119	32.0	26.1	39.1



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: 48.436 ug/l

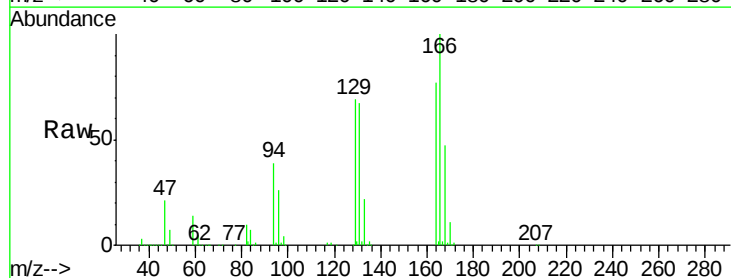
RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

Tgt Ion:	164	Resp:	433460
Ion	Ratio	Lower	Upper
164	100		
166	130.6	102.1	153.1
129	90.2	73.2	109.8
131	88.0	70.6	106.0

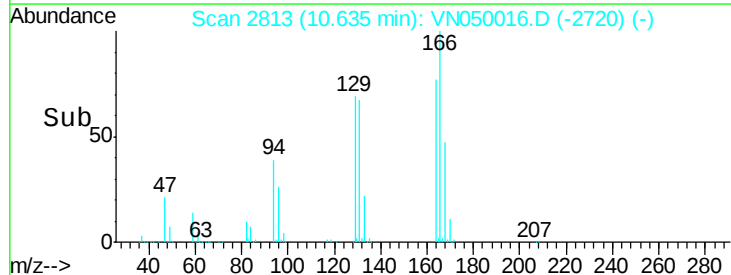
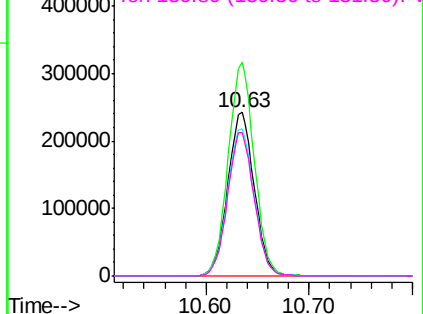


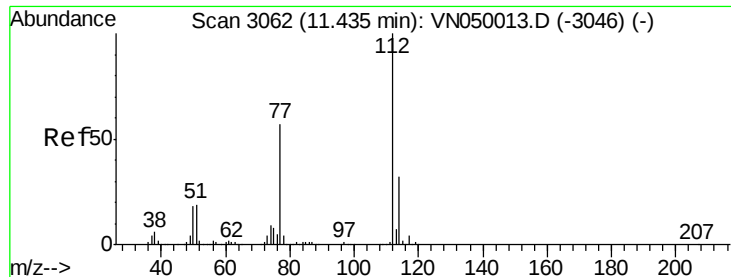
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

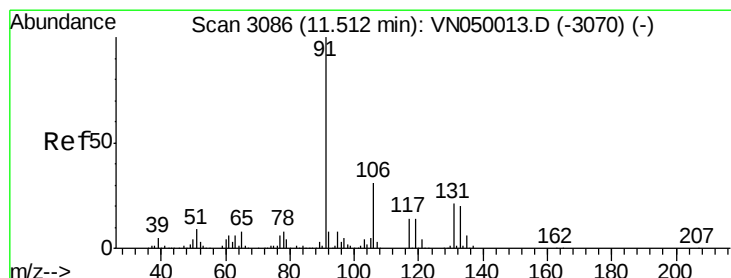
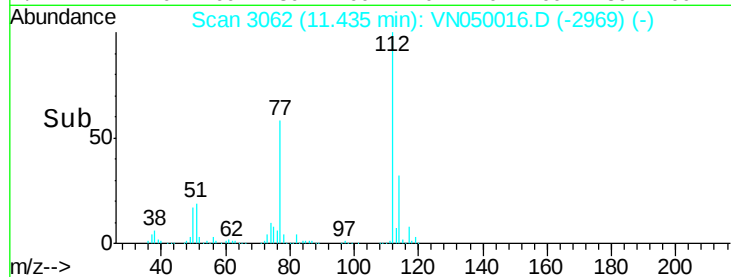
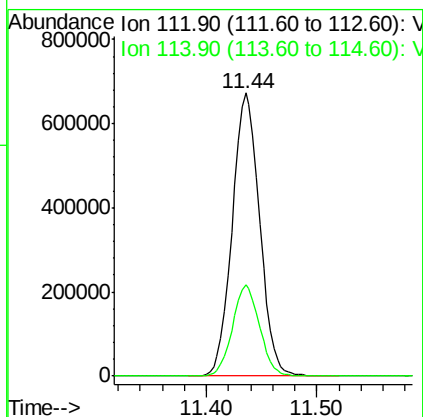
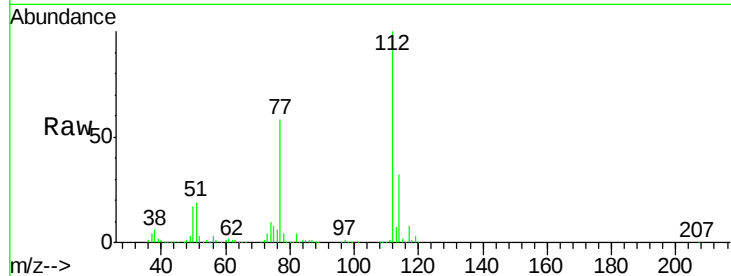
Ion 130.80 (130.50 to 131.50): V





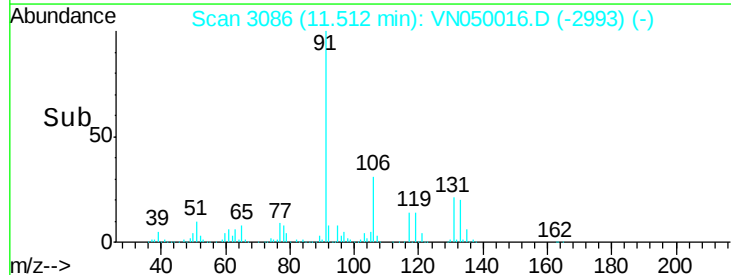
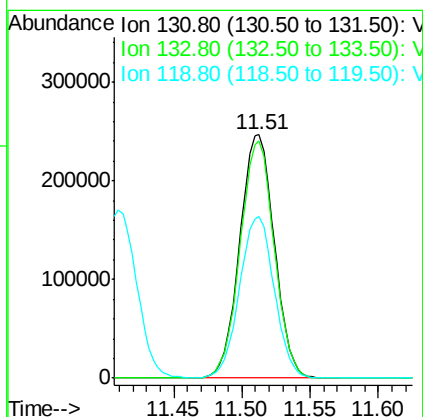
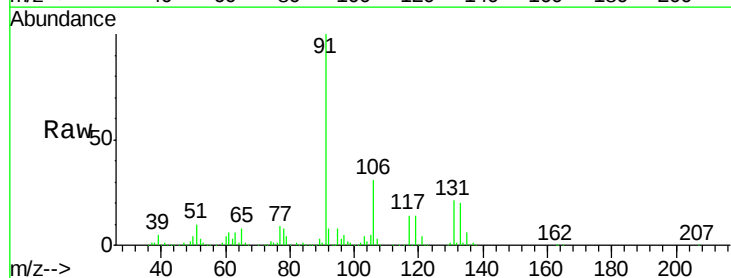
#65
Chlorobenzene
Concen: 49.274 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

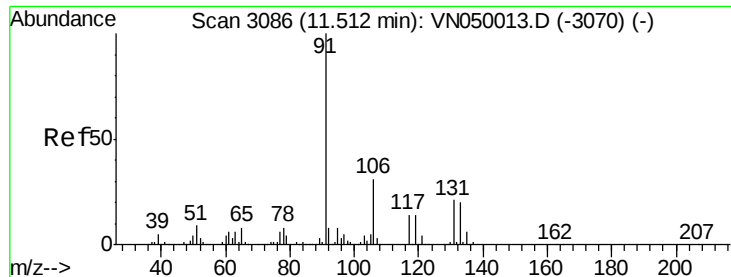
Tgt Ion:112 Resp: 1158529
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.118 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

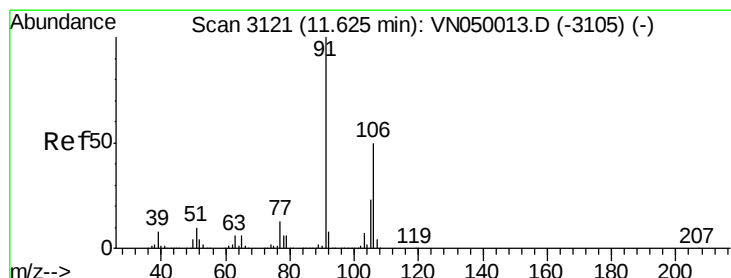
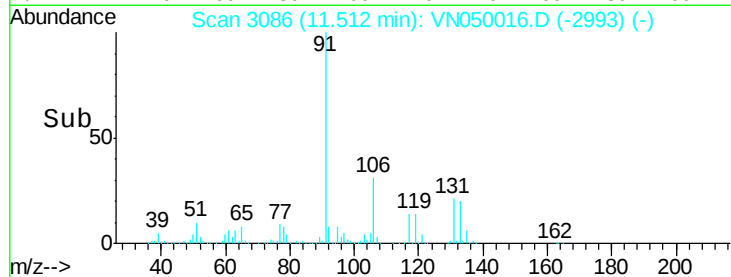
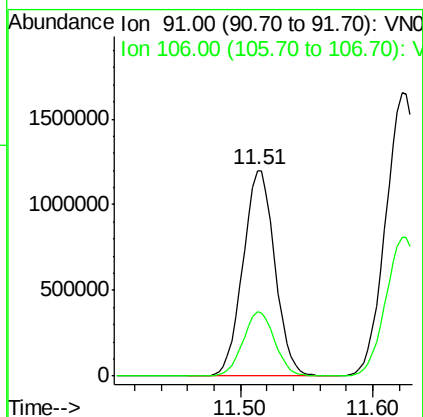
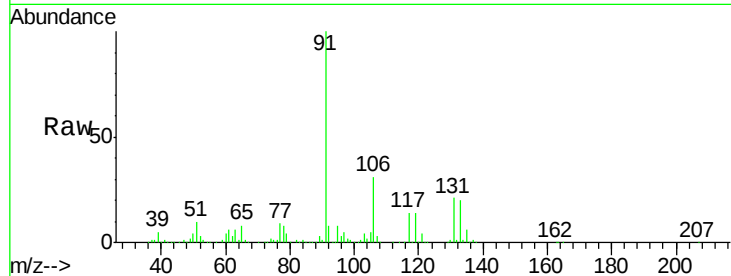
Tgt Ion:131 Resp: 434695
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 66.5 32.9 98.7





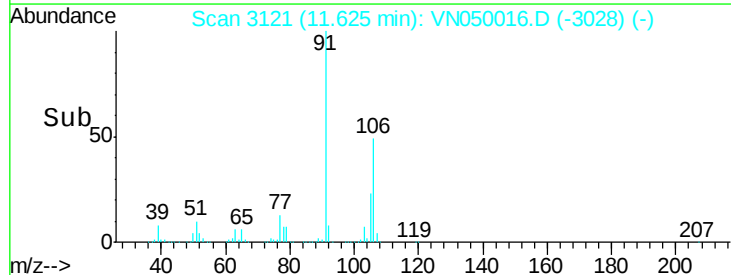
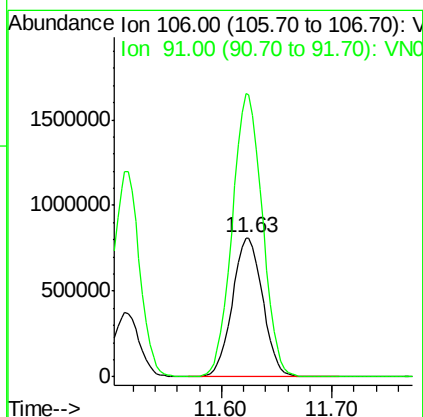
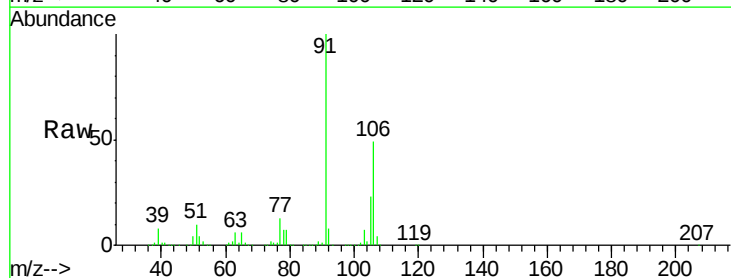
#67
Ethyl Benzene
Concen: 53.098 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

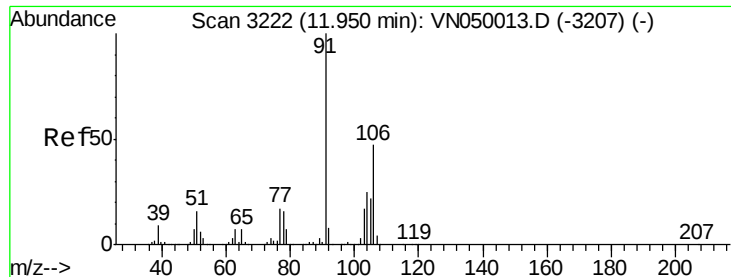
Tgt Ion: 91 Resp: 2005471
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



#68
m/p-Xylenes
Concen: 108.156 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

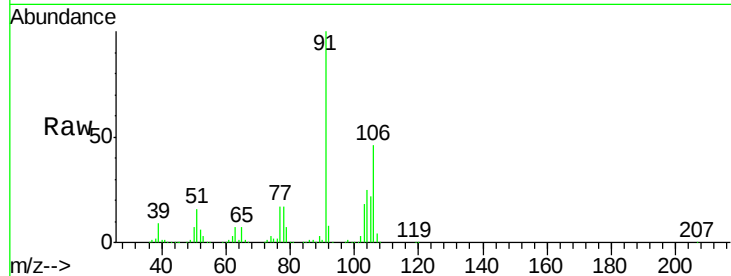
Tgt Ion: 106 Resp: 1545097
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.2



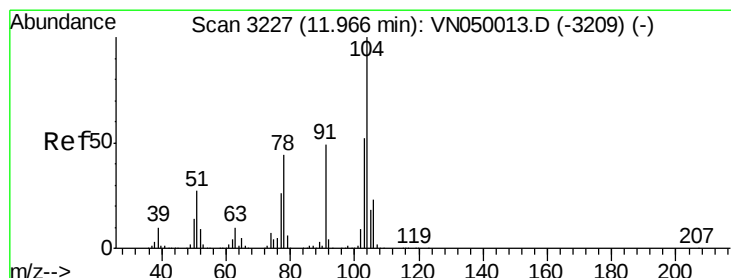
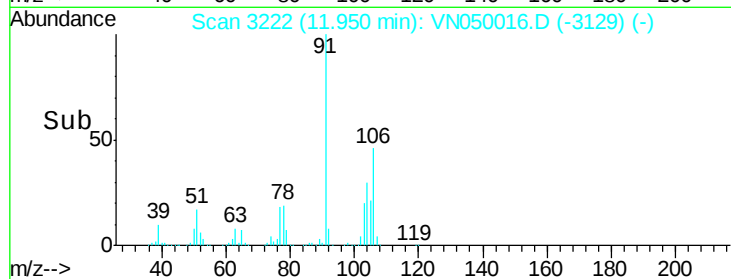
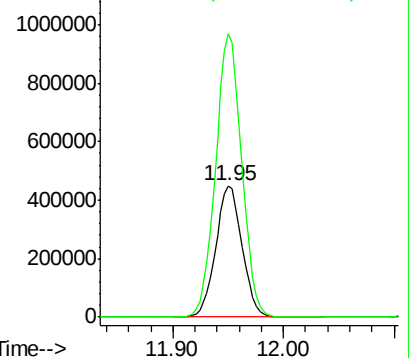


#69
o-Xylene
Concen: 54.319 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion:106 Resp: 739752
Ion Ratio Lower Upper
106 100
91 214.3 107.7 323.1

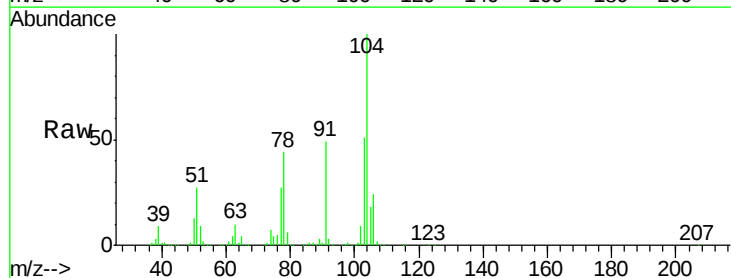


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

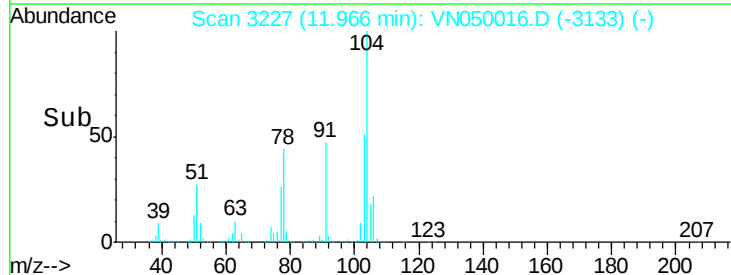
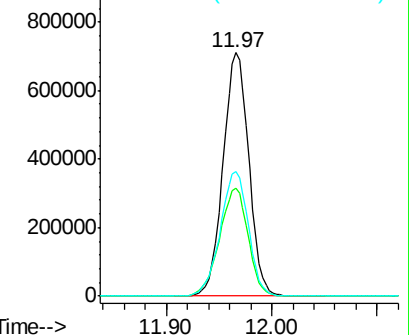


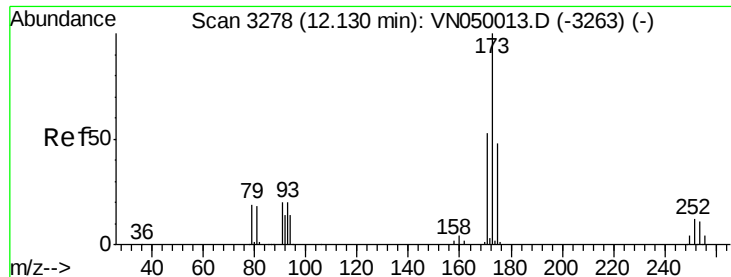
#70
Styrene
Concen: 49.611 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion:104 Resp: 1201433
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 55.7 45.0 67.6



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: 49.617 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

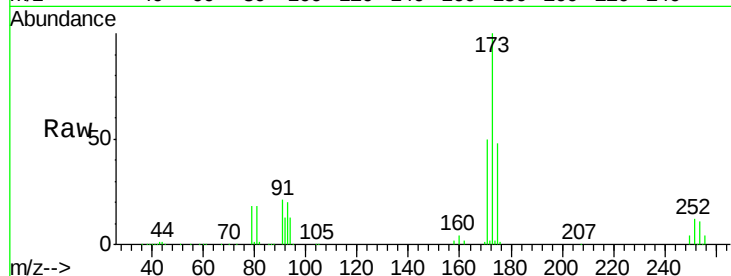
Tgt Ion:173 Resp: 326063

Ion Ratio Lower Upper

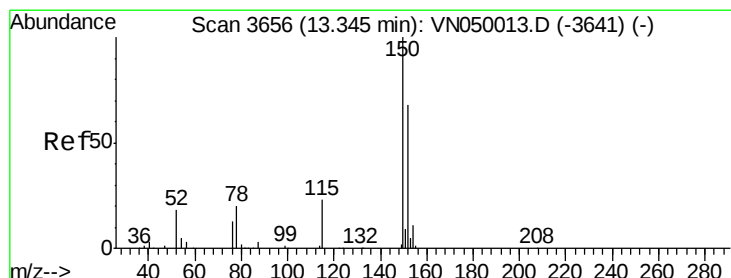
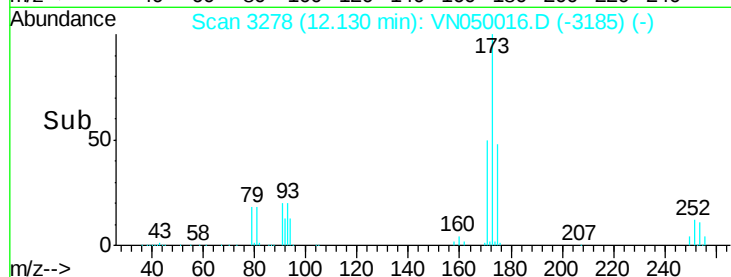
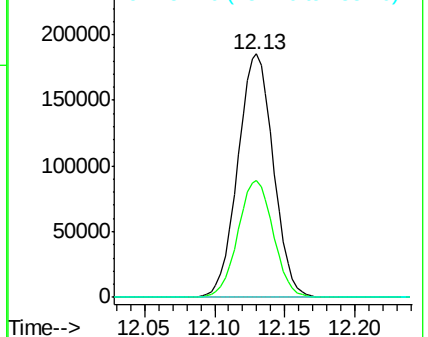
173 100

175 47.9 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

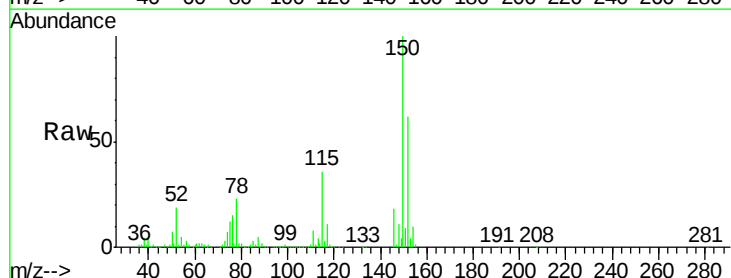
Tgt Ion:152 Resp: 485140

Ion Ratio Lower Upper

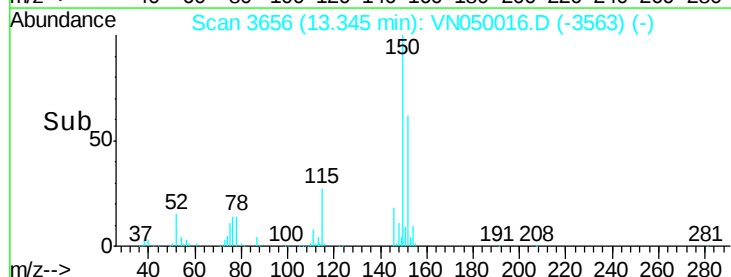
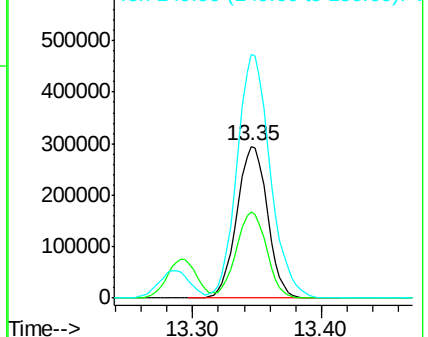
152 100

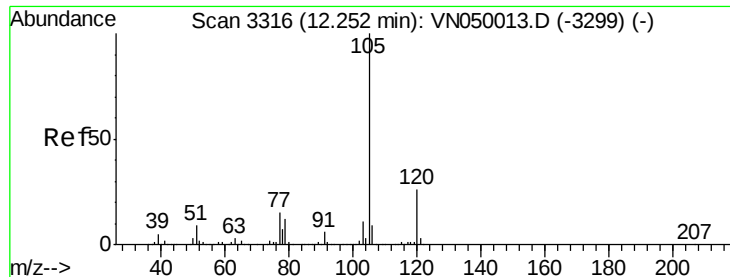
115 56.5 27.8 83.3

150 175.0 0.0 348.6



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





#73

Isopropylbenzene

Concen: 51.959 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050016.D

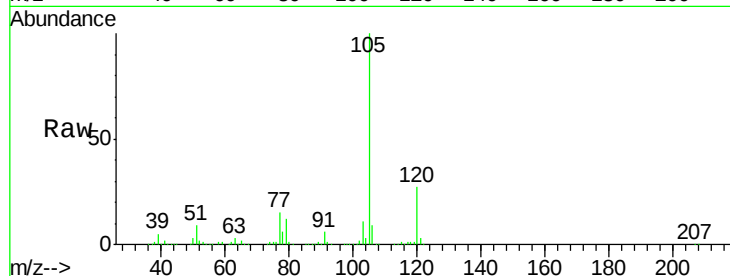
Acq: 23 Jul 2018 20:02

Tgt Ion: 105 Resp: 1954972

Ion Ratio Lower Upper

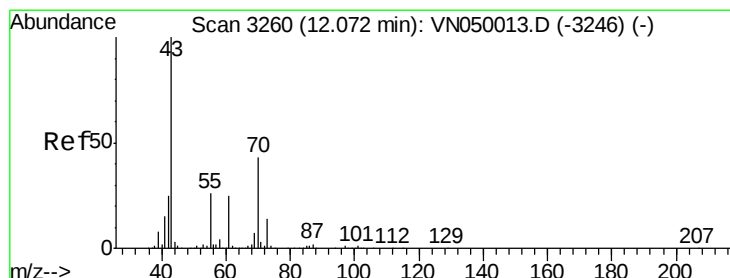
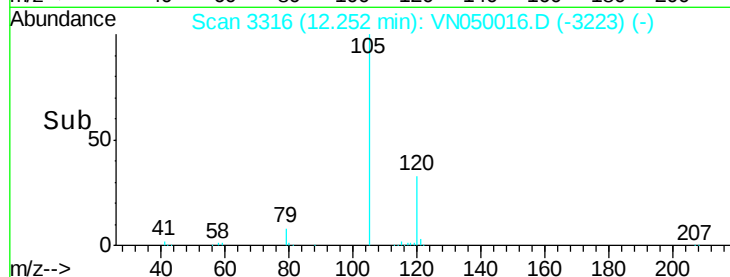
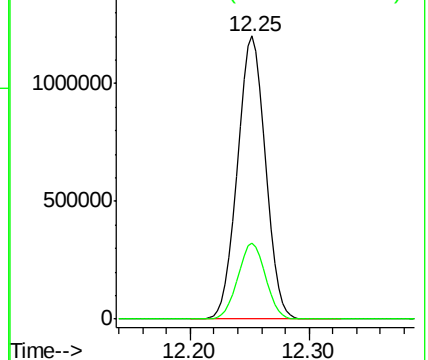
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.647 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

Tgt Ion: 43 Resp: 605404

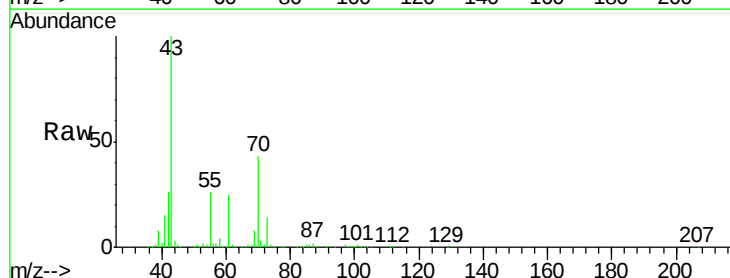
Ion Ratio Lower Upper

43 100

70 42.7 34.4 51.6

55 25.9 20.8 31.2

61 24.6 19.7 29.5

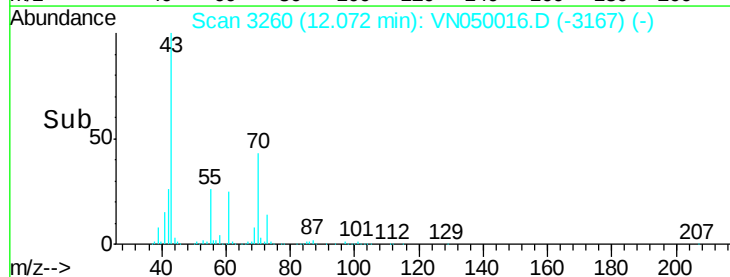
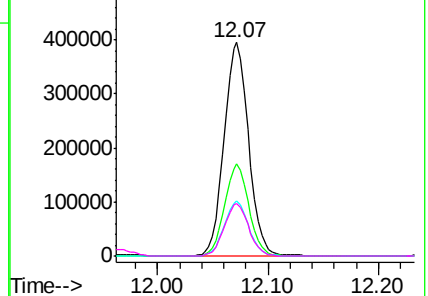


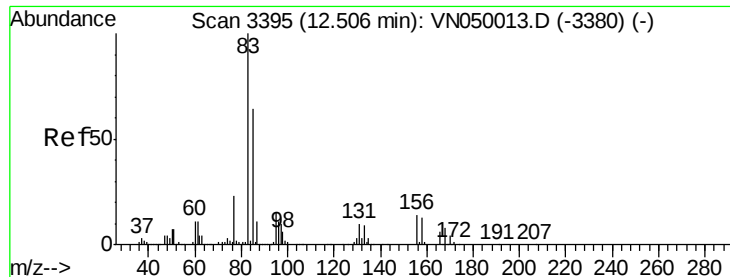
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.608 ug/l

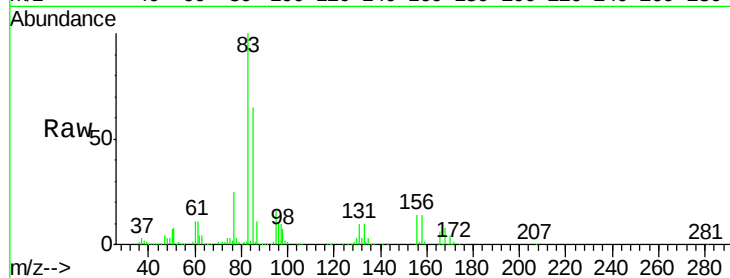
RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

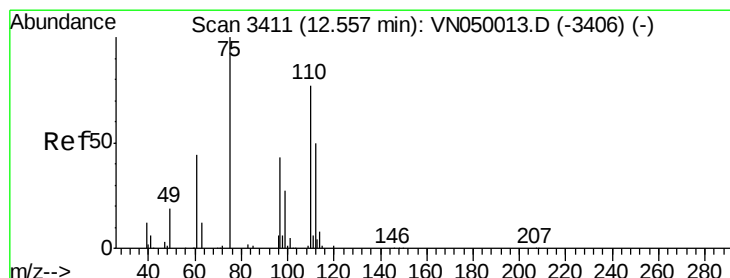
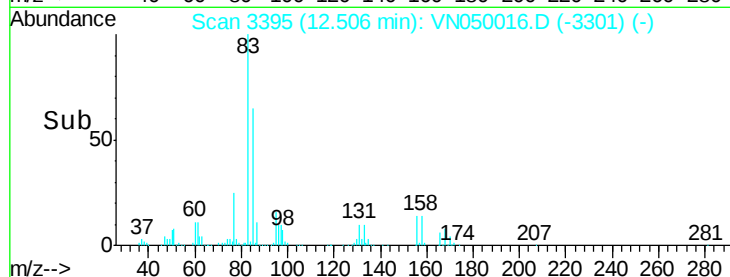
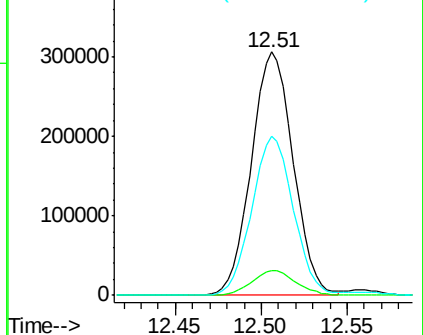
Tgt Ion:	83	Resp:	518051
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	64.6	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN050013.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050013.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050013.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 71.740 ug/l

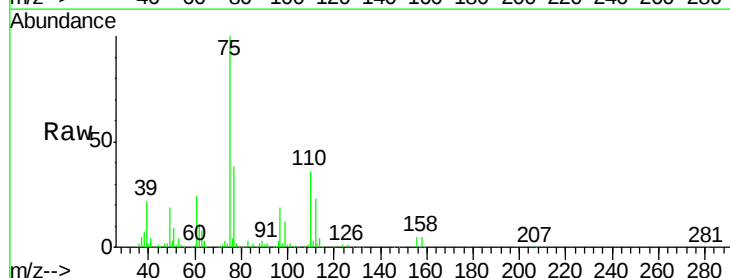
RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050016.D

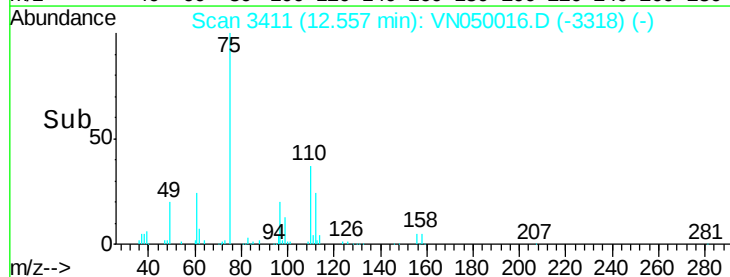
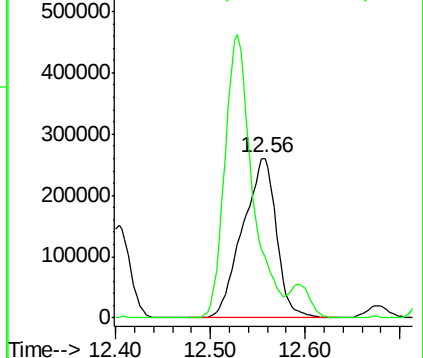
Acq: 23 Jul 2018 20:02

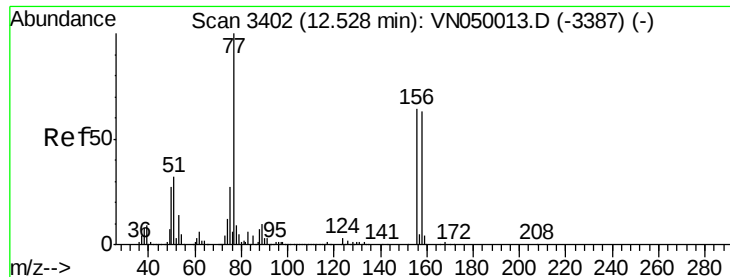
Tgt Ion:	75	Resp:	646803
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3406) (-)

Ion 77.00 (76.70 to 77.70): VN050013.D (-3406) (-)





#77

Bromobenzene

Concen: 48.775 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

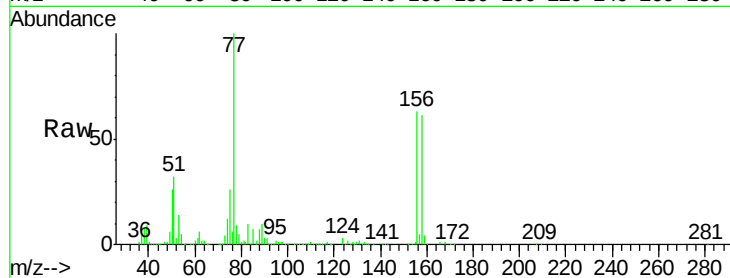
Tgt Ion: 156 Resp: 508629

Ion Ratio Lower Upper

156 100

77 184.3 91.7 275.1

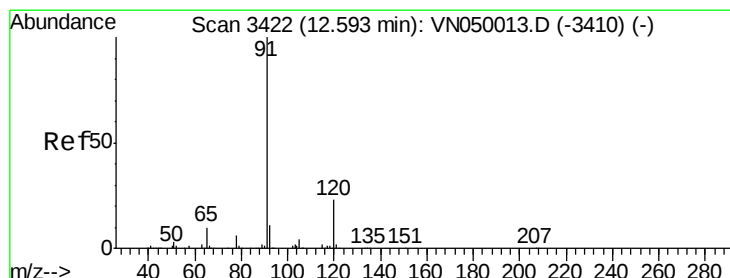
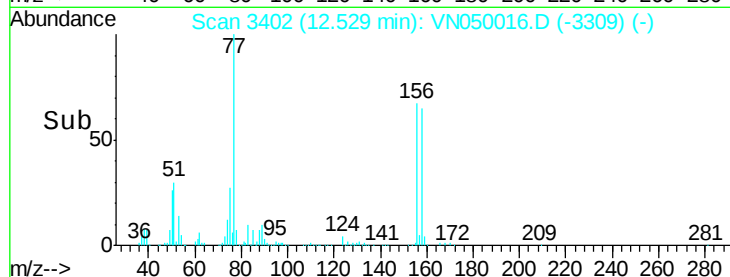
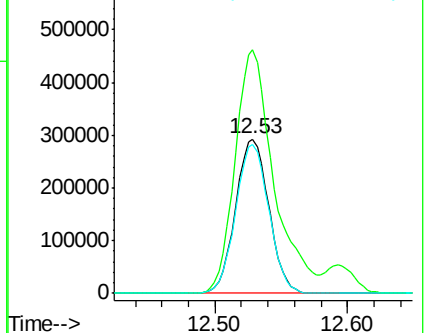
158 96.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.748 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050016.D

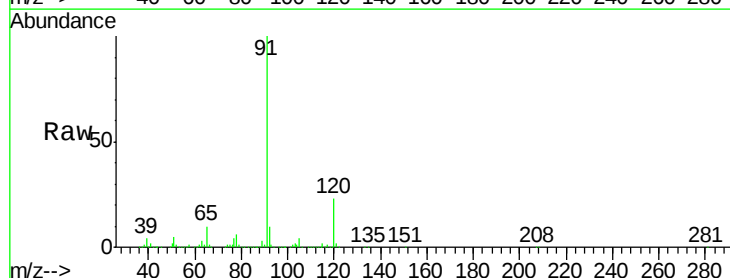
Acq: 23 Jul 2018 20:02

Tgt Ion: 91 Resp: 2260358

Ion Ratio Lower Upper

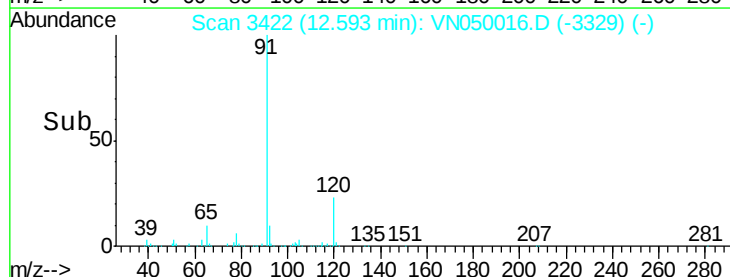
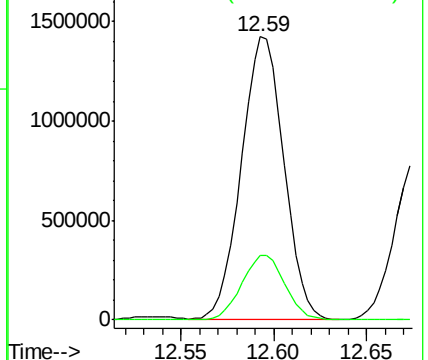
91 100

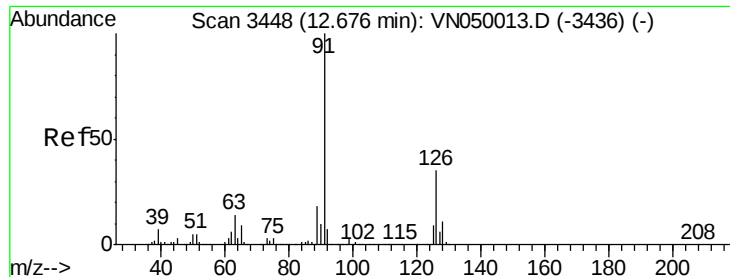
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.419 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050016.D

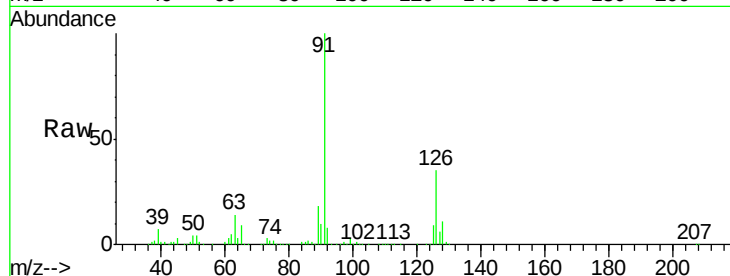
Acq: 23 Jul 2018 20:02

Tgt Ion: 91 Resp: 1340302

Ion Ratio Lower Upper

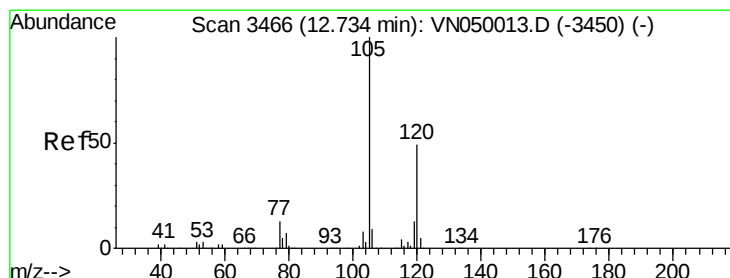
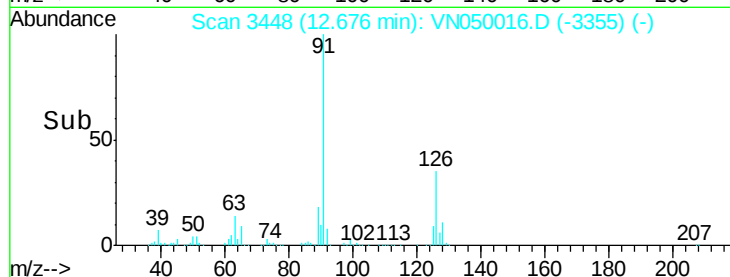
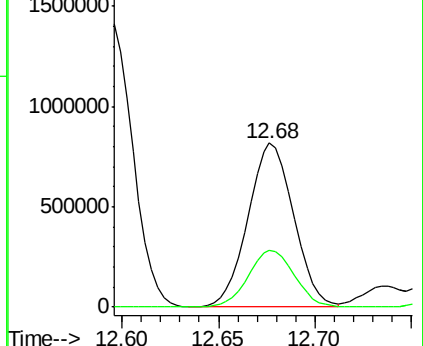
91 100

126 35.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050013.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN050013.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.370 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050016.D

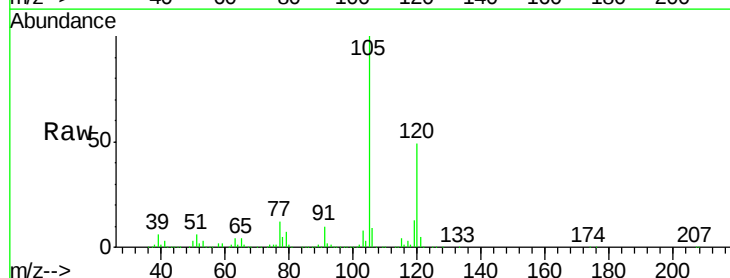
Acq: 23 Jul 2018 20:02

Tgt Ion: 105 Resp: 1609125

Ion Ratio Lower Upper

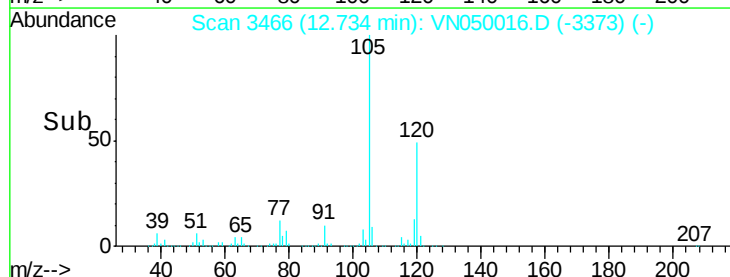
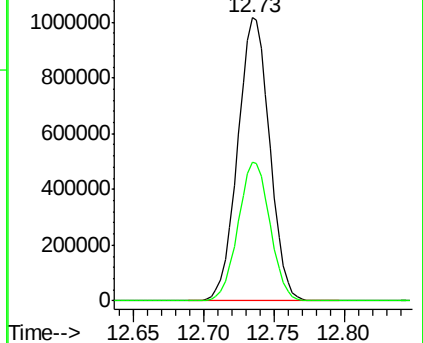
105 100

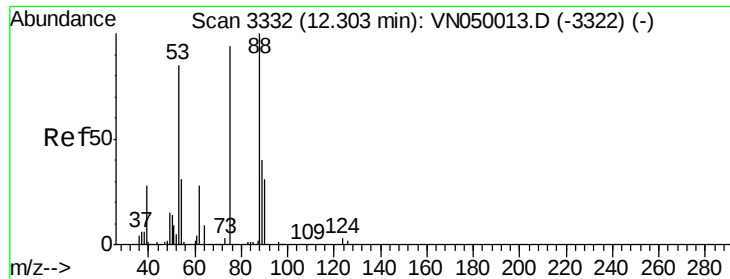
120 49.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050013.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN050013.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.022 ug/l

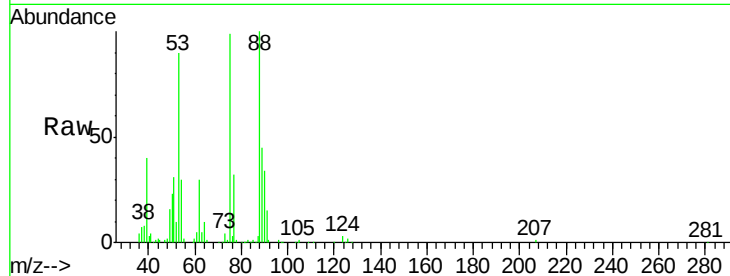
RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

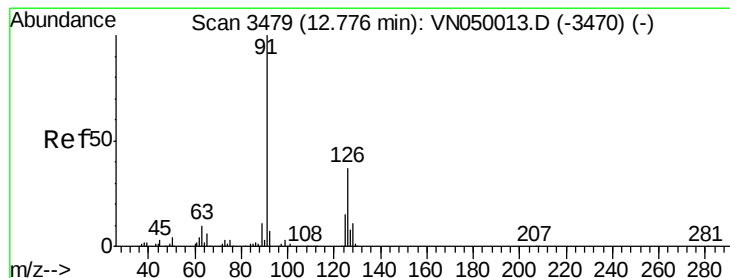
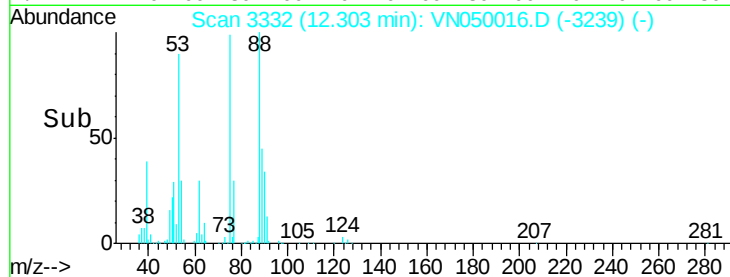
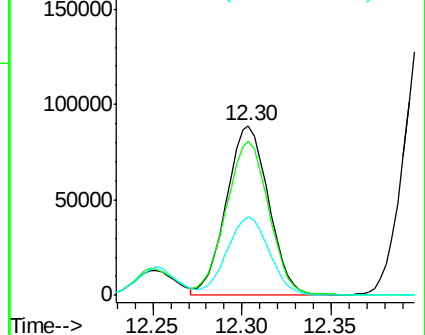
Tgt Ion:	75	Resp:	145030
Ion	Ratio	Lower	Upper
75	100		
53	93.6	73.5	110.3
89	46.8	36.0	54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.415 ug/l

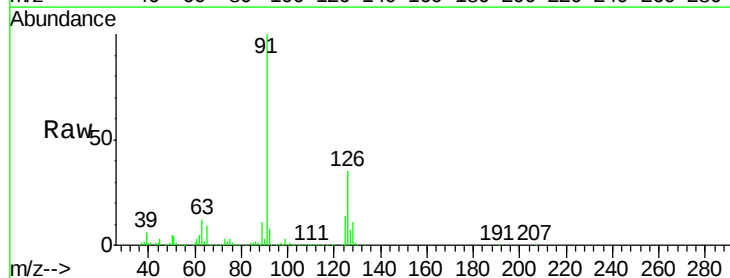
RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050016.D

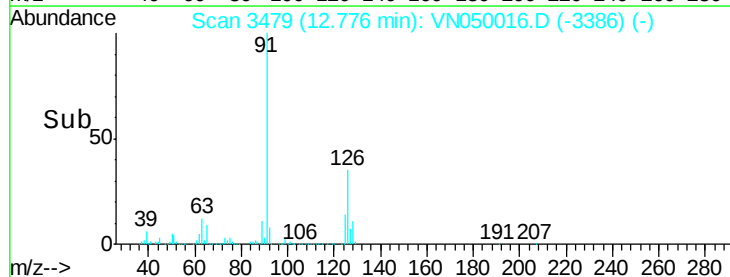
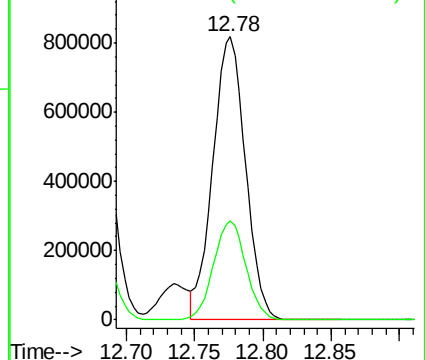
Acq: 23 Jul 2018 20:02

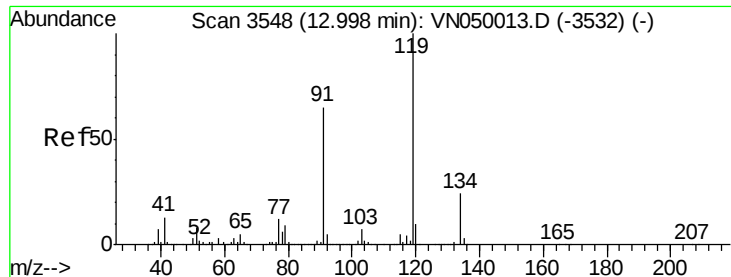
Tgt Ion:	91	Resp:	1353002
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.0	51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

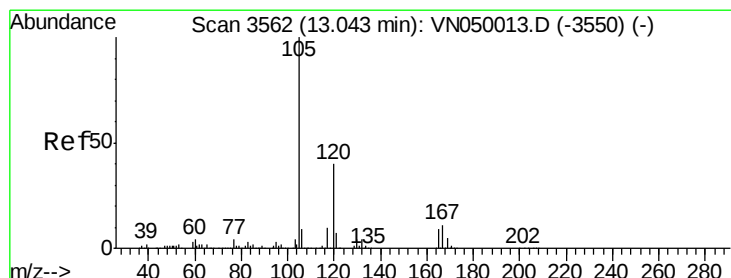
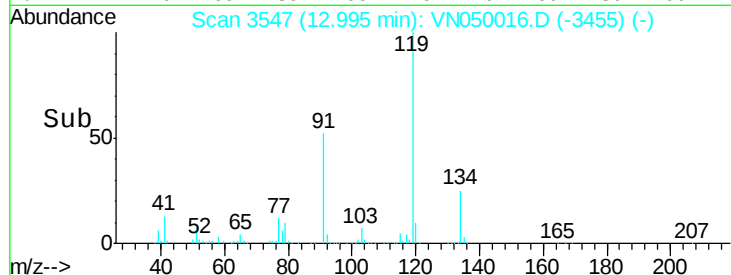
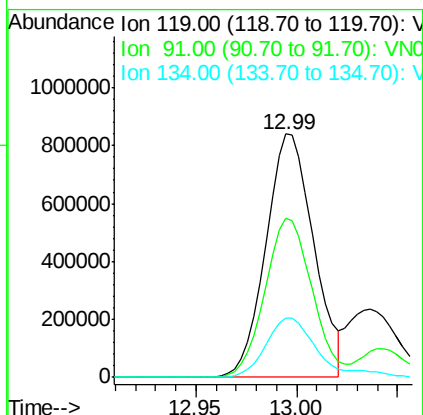
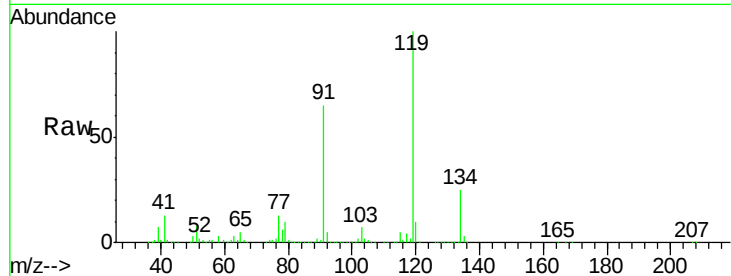
Ion 125.90 (125.60 to 126.60): V





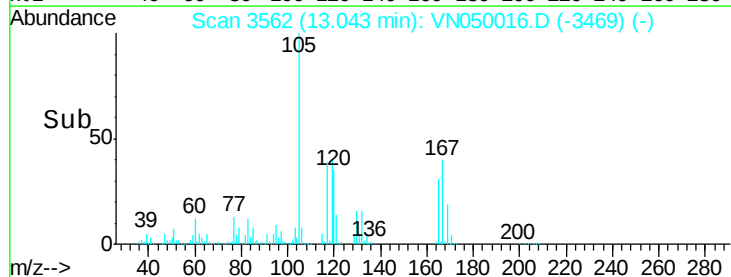
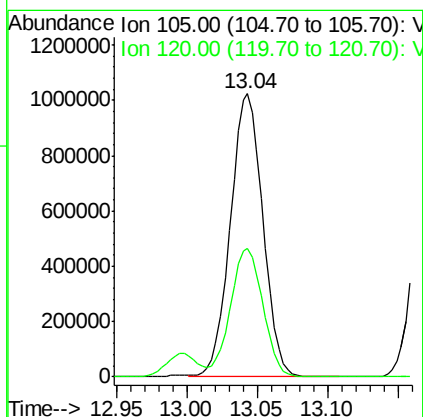
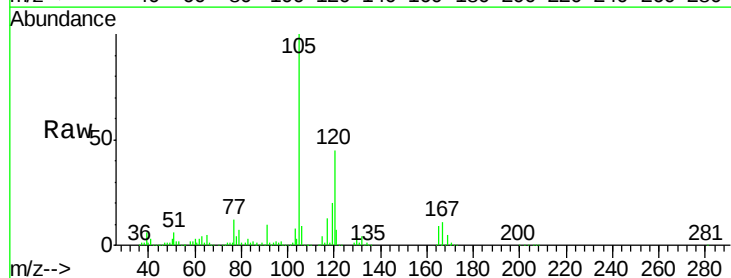
#83
 tert-Butylbenzene
 Concen: 53.561 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

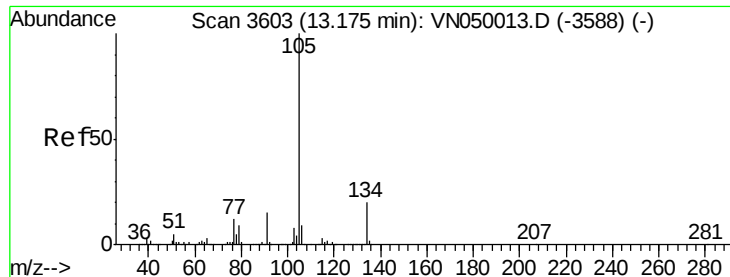
Tgt Ion:119 Resp: 1383364
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.1 96.3
 134 26.4 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.118 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

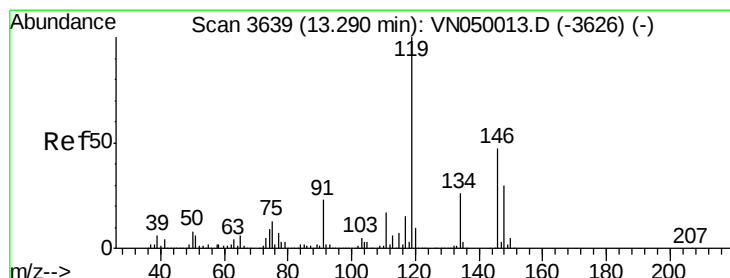
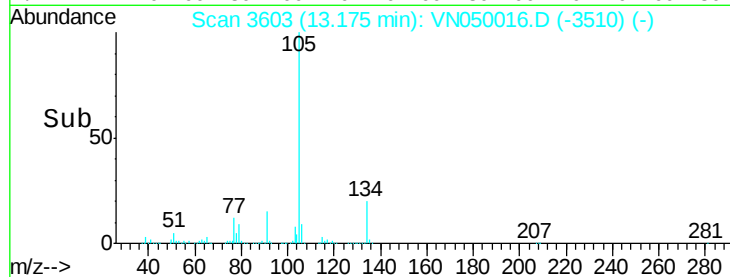
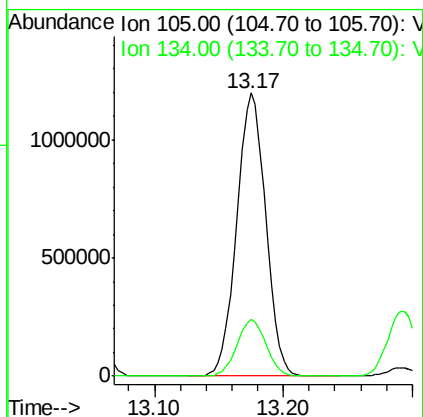
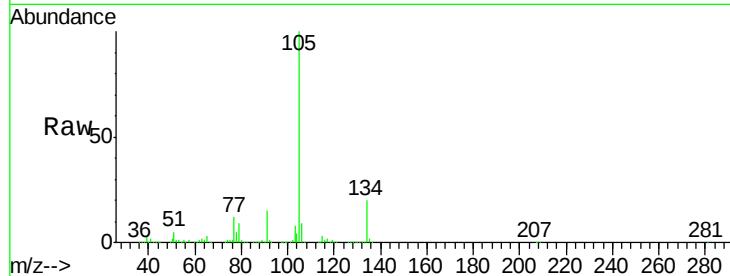
Tgt Ion:105 Resp: 1644224
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.7





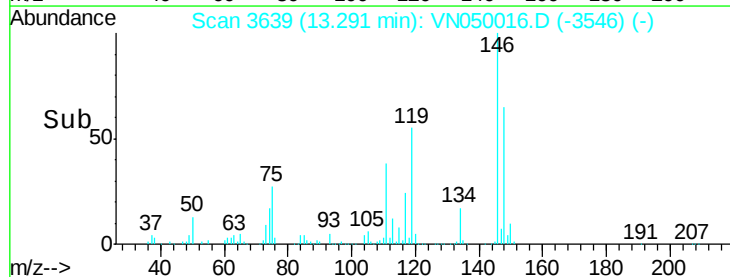
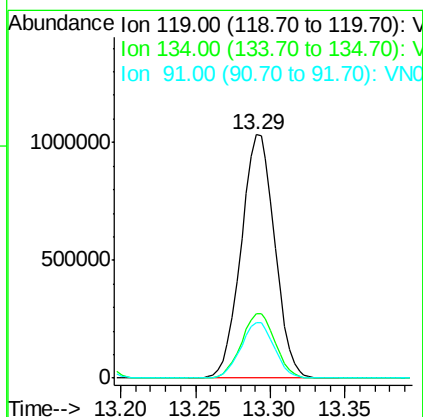
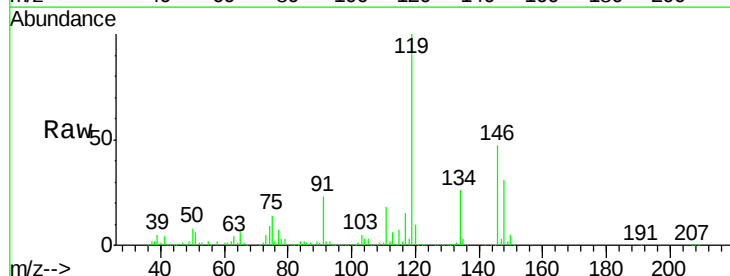
#85
 sec-Butylbenzene
 Concen: 54.048 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

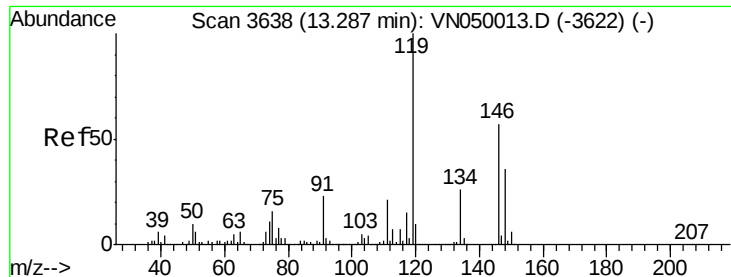
Tgt Ion:105 Resp: 1865199
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 55.453 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion:119 Resp: 1612494
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 50.004 ug/l

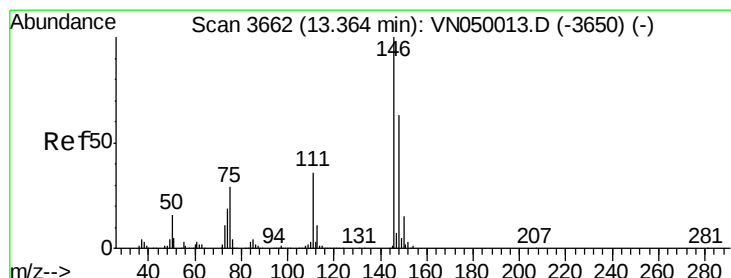
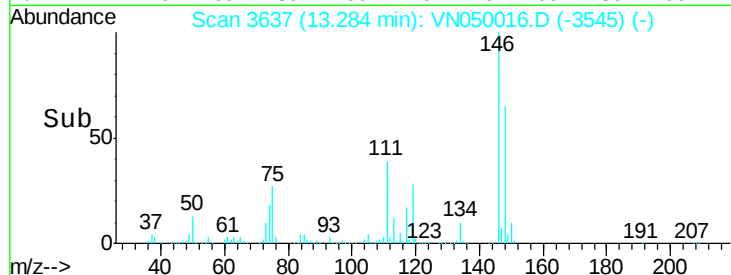
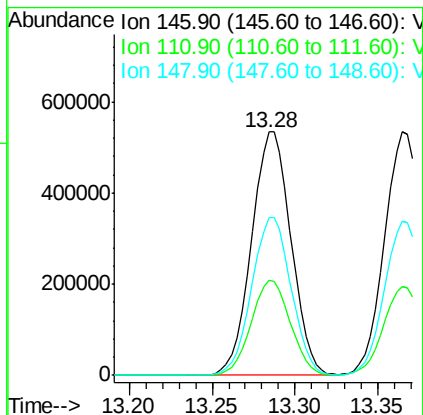
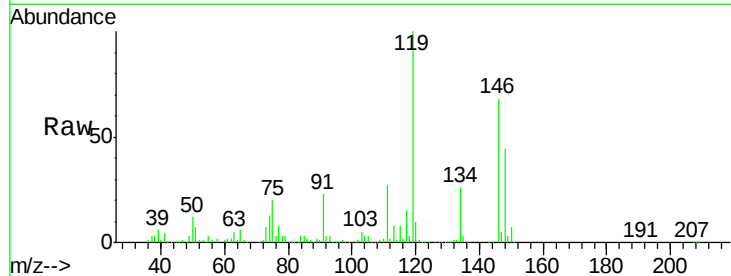
RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

Tgt Ion:	146	Resp:	883969
Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.4
148	64.7	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 50.552 ug/l

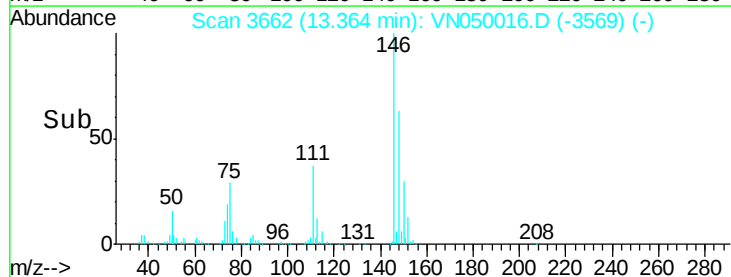
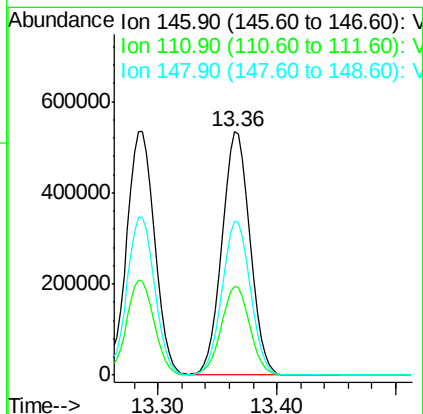
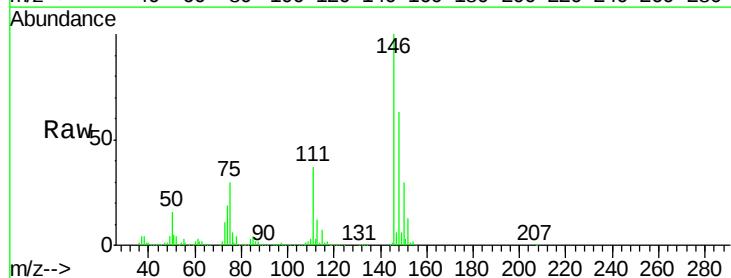
RT: 13.36 min Scan# 3662

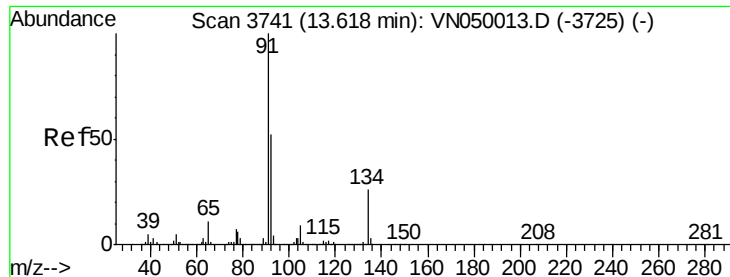
Delta R.T. 0.00 min

Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

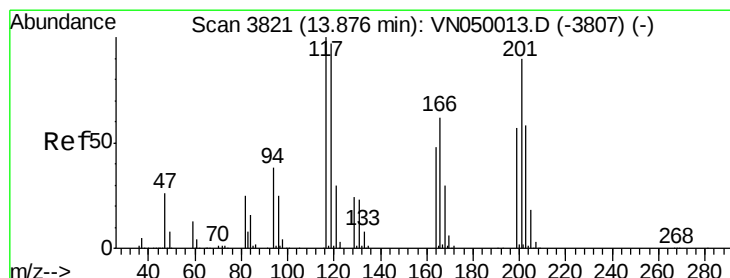
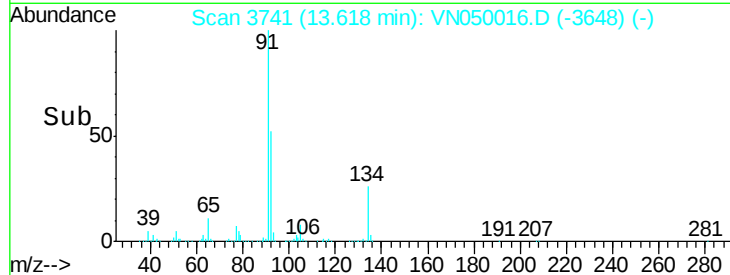
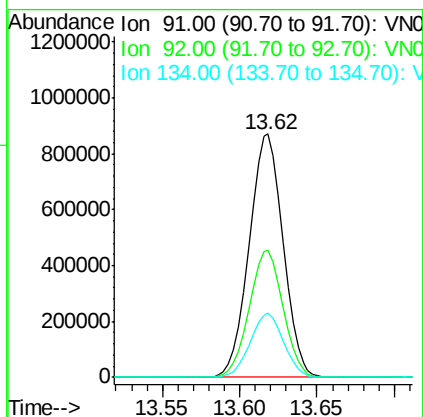
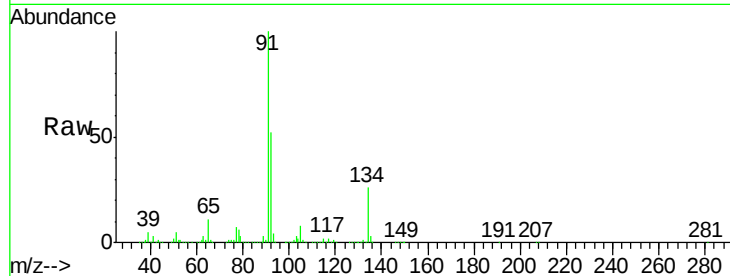
Tgt Ion:	146	Resp:	871021
Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	64.2	31.9	95.9





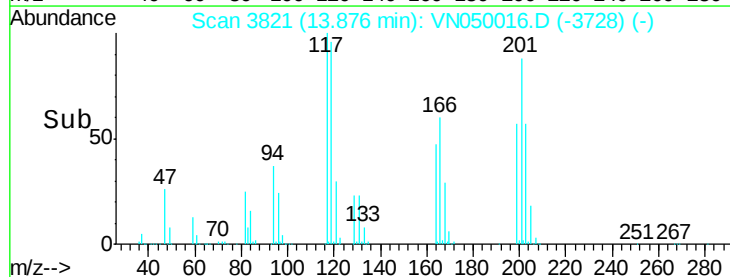
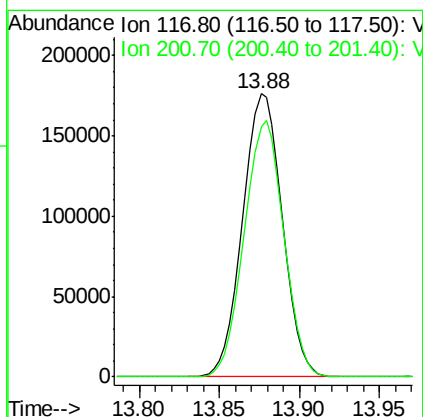
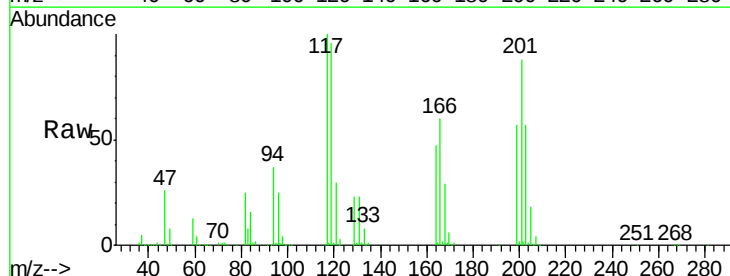
#89
n-Butylbenzene
Concen: 55.689 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

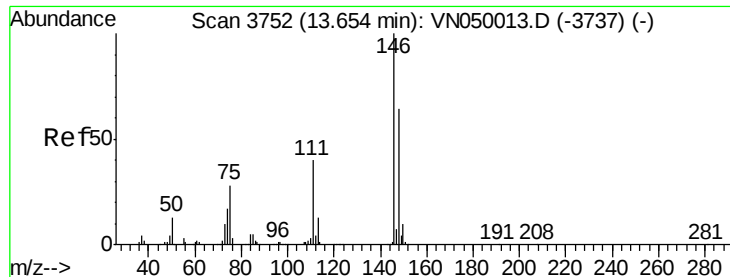
Tgt Ion: 91 Resp: 1331610
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.4
134 26.1 12.8 38.4



#90
Hexachloroethane
Concen: 46.090 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion: 117 Resp: 297591
Ion Ratio Lower Upper
117 100
201 90.3 45.6 136.8





#91

1,2-Dichlorobenzene

Concen: 49.767 ug/l

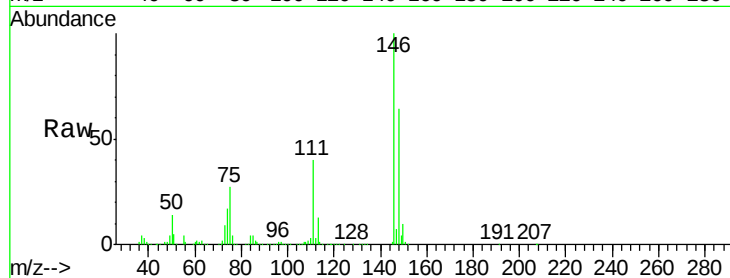
RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

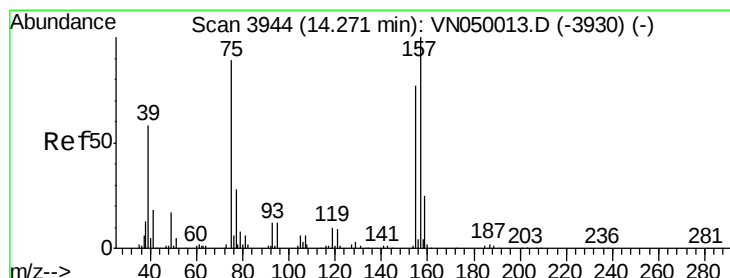
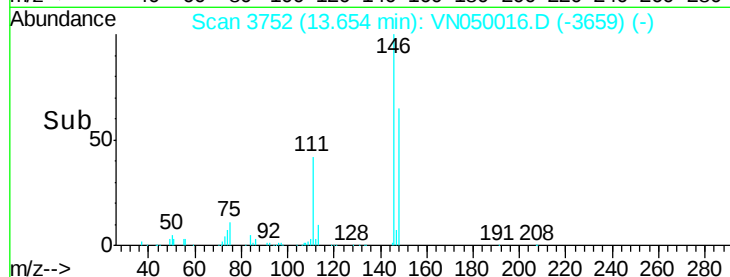
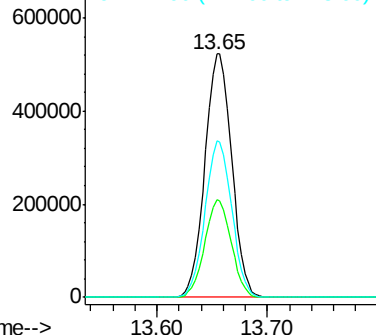
Lab File: VN050016.D

Acq: 23 Jul 2018 20:02

Tgt Ion:	146	Resp:	879460
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.0	32.1	96.3



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: 51.665 ug/l

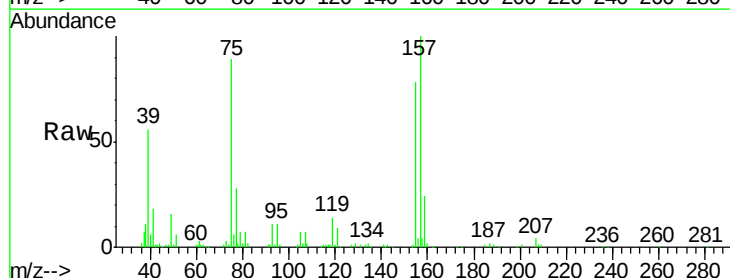
RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

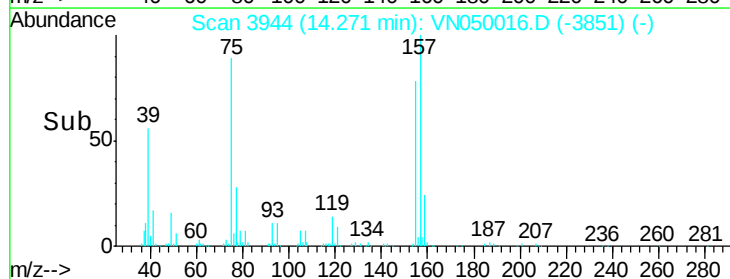
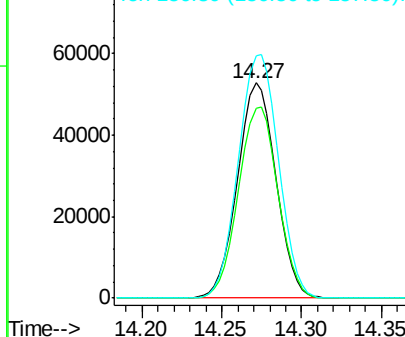
Lab File: VN050016.D

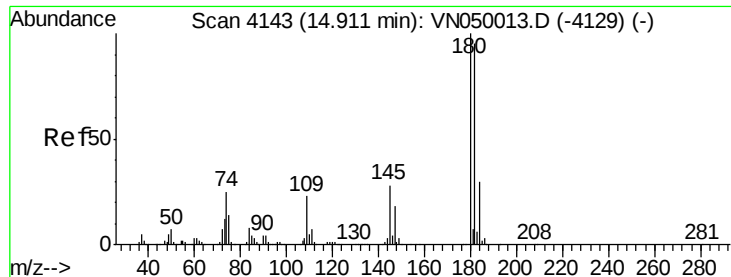
Acq: 23 Jul 2018 20:02

Tgt Ion:	75	Resp:	86569
Ion	Ratio	Lower	Upper
75	100		
155	91.2	44.8	134.4
157	118.2	57.2	171.6



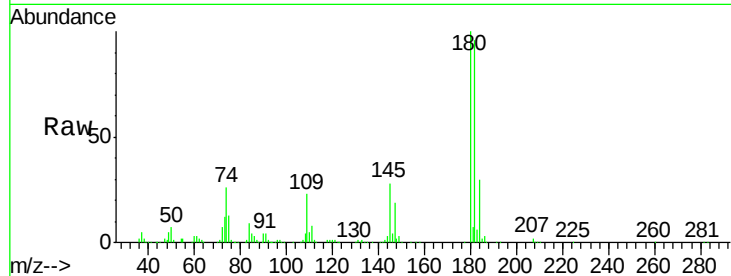
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



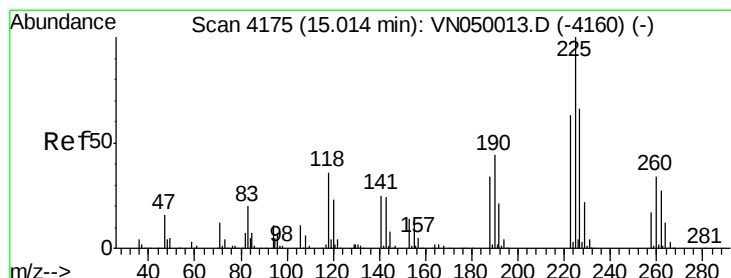
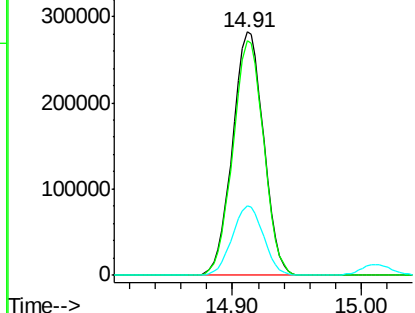
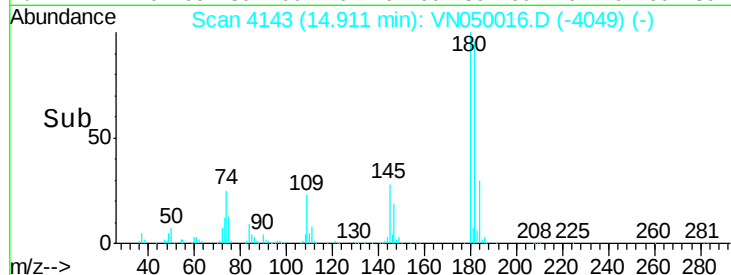


#93
 1,2,4-Trichlorobenzene
 Concen: 50.322 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion:180 Resp: 471815
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.7 140.1
 145 28.7 13.8 41.4

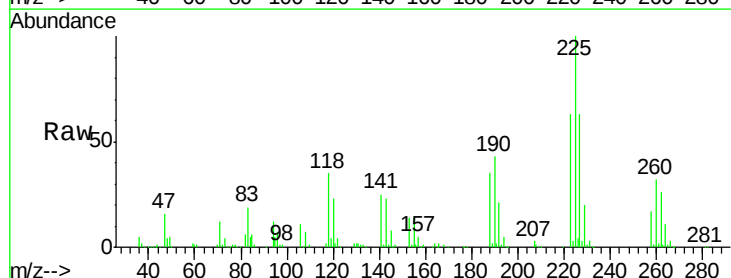


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

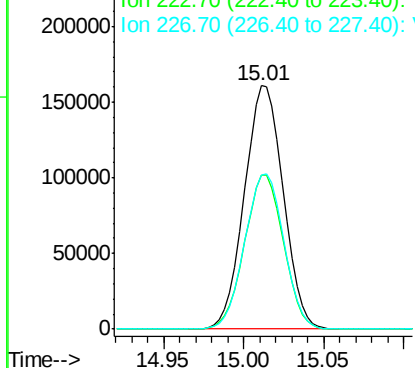
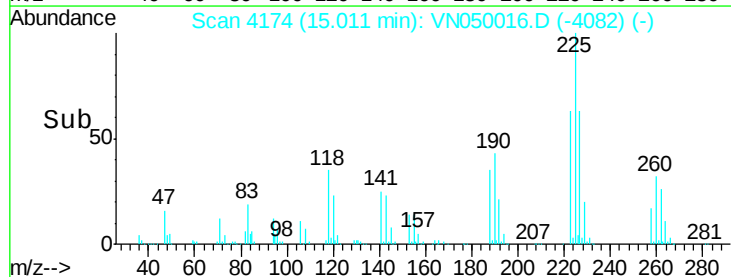


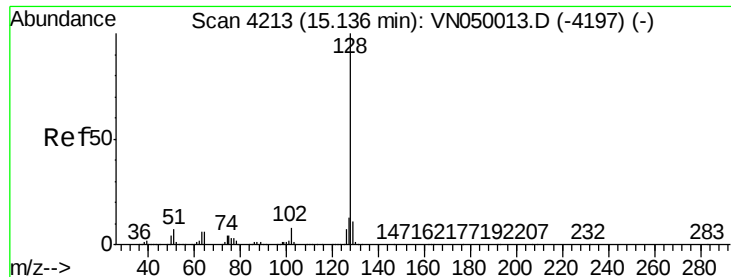
#94
 Hexachlorobutadiene
 Concen: 49.496 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050016.D
 Acq: 23 Jul 2018 20:02

Tgt Ion:225 Resp: 267766
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.2
 227 64.4 32.1 96.5



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

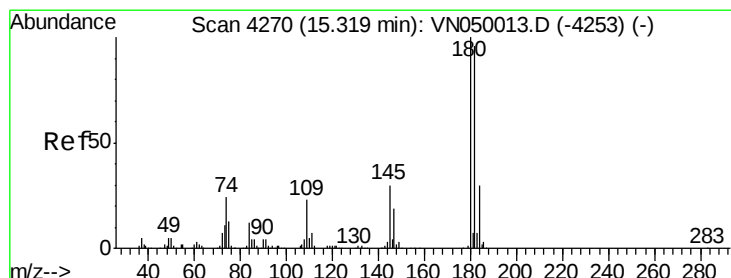
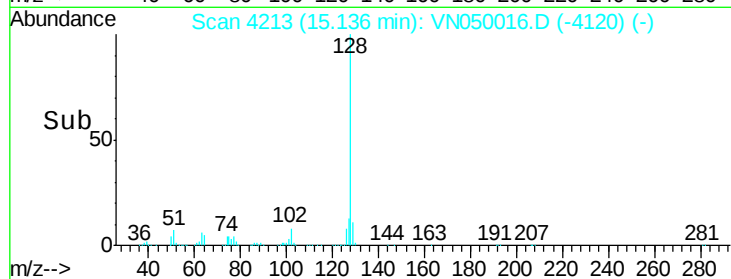
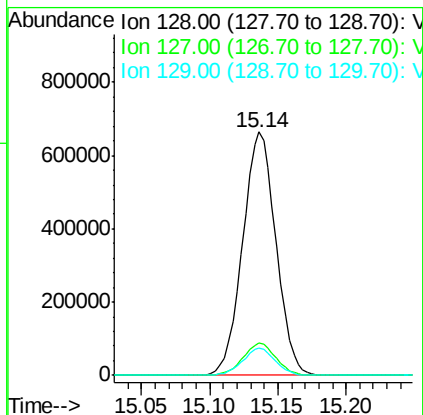
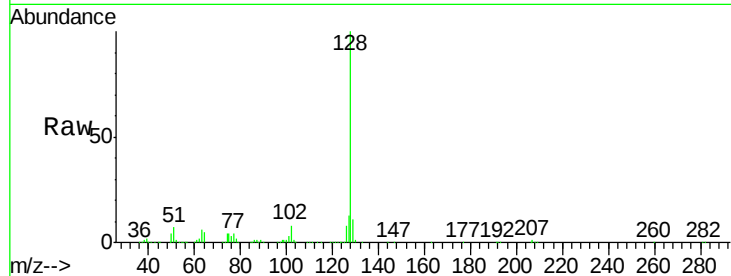




#95
Naphthalene
Concen: 50.598 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion:128 Resp: 1122327

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.985 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050016.D
Acq: 23 Jul 2018 20:02

Tgt Ion:180 Resp: 475360

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	30.0	15.3	45.9

