

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050676.D
 Acq On : 16 Aug 2018 1:07
 Operator : MD\SY
 Sample : VN0815WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

Quant Time: Aug 16 04:50:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	912231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	826462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	405036	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.59	113	372298	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1383712	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	434175	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133090	19.13	ug/l	99
3) Chloromethane	2.06	50	173237	20.14	ug/l	100
4) Vinyl Chloride	2.18	62	179437	19.42	ug/l	99
5) Bromomethane	2.56	94	100392	18.91	ug/l	98
6) Chloroethane	2.70	64	107925	20.07	ug/l	100
7) Trichlorofluoromethane	3.01	101	238999	19.71	ug/l	99
8) Diethyl Ether	3.41	74	82879	20.55	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	144264	19.67	ug/l	100
10) Methyl Iodide	3.95	142	87779	21.45	ug/l	100
11) Tert butyl alcohol	4.80	59	49529	116.62	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	131568	19.65	ug/l	97
13) Acrolein	3.61	56	14011	79.75	ug/l	99
14) Allyl chloride	4.32	41	196707	18.89	ug/l	100
15) Acrylonitrile	4.99	53	247573	106.14	ug/l	99
16) Acetone	3.82	43	218528	111.72	ug/l	100
17) Carbon Disulfide	4.05	76	400069	18.99	ug/l	100
18) Methyl Acetate	4.33	43	127491	22.80	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	362023	21.24	ug/l	99
20) Methylene Chloride	4.55	84	156192	20.37	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	142362	19.61	ug/l	98
22) Diisopropyl ether	5.96	45	450437	21.09	ug/l	95
23) Vinyl Acetate	5.90	43	1464492	104.85	ug/l	100
24) 1,1-Dichloroethane	5.85	63	273089	19.77	ug/l	99
25) 2-Butanone	6.84	43	345147	108.23	ug/l	100
26) 2,2-Dichloropropane	6.83	77	147408	15.94	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	160125	19.81	ug/l	98
28) Bromochloromethane	7.20	49	127723	20.31	ug/l	98
29) Tetrahydrofuran	7.22	42	188203	113.03	ug/l	100
30) Chloroform	7.37	83	277607	19.83	ug/l	100
31) Cyclohexane	7.66	56	233125	19.56	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	232826	19.76	ug/l	99
36) 1,1-Dichloropropene	7.79	75	200932	19.79	ug/l	99
37) Ethyl Acetate	6.94	43	129692	22.59	ug/l	99
38) Carbon Tetrachloride	7.78	117	207091	19.66	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050676.D
 Acq On : 16 Aug 2018 1:07
 Operator : MD\SY
 Sample : VN0815WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

Quant Time: Aug 16 04:50:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203193	19.33	ug/l	97
40) Benzene	8.04	78	628045	20.33	ug/l	100
41) Methacrylonitrile	7.17	41	63822	20.57	ug/l	92
42) 1,2-Dichloroethane	8.13	62	194527	20.55	ug/l	99
43) Isopropyl Acetate	8.17	43	219374	20.97	ug/l #	87
44) Trichloroethene	8.84	130	158741	19.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164138	19.96	ug/l	97
46) Dibromomethane	9.21	93	97492	20.08	ug/l	98
47) Bromodichloromethane	9.41	83	203832	19.64	ug/l	98
48) Methyl methacrylate	9.20	41	108533	20.62	ug/l	100
49) 1,4-Dioxane	9.21	88	29644	427.50	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	797808	112.77	ug/l	99
52) Toluene	10.16	92	380805	20.65	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	184799	19.11	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	218142	19.67	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	141273	20.50	ug/l	99
56) Ethyl methacrylate	10.43	69	162335	19.67	ug/l	98
57) 1,3-Dichloropropane	10.71	76	231695	20.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	396383	100.63	ug/l	99
59) 2-Hexanone	10.75	43	504165	110.41	ug/l	99
60) Dibromochloromethane	10.90	129	153832	20.23	ug/l	99
61) 1,2-Dibromoethane	11.01	107	134441	20.49	ug/l	99
64) Tetrachloroethene	10.63	164	157169	20.48	ug/l	99
65) Chlorobenzene	11.44	112	403712	19.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151680	19.67	ug/l	99
67) Ethyl Benzene	11.51	91	660119	19.88	ug/l	99
68) m/p-Xylenes	11.62	106	520990	41.02	ug/l	100
69) o-Xylene	11.95	106	243307	20.09	ug/l	99
70) Styrene	11.97	104	395891	18.97	ug/l	100
71) Bromoform	12.13	173	104823	20.50	ug/l #	98
73) Isopropylbenzene	12.25	105	650131	20.56	ug/l	100
74) N-amyl acetate	12.07	43	171794	20.88	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175573	22.64	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	196525	29.63	ug/l #	100
77) Bromobenzene	12.53	156	166615	19.40	ug/l	98
78) n-propylbenzene	12.59	91	723926	20.53	ug/l	100
79) 2-Chlorotoluene	12.68	91	447862	20.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	533127	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34908	19.17	ug/l	98
82) 4-Chlorotoluene	12.77	91	442899	20.38	ug/l	100
83) tert-Butylbenzene	12.99	119	445615	20.27	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	538675	21.20	ug/l	100
85) sec-Butylbenzene	13.17	105	592888	20.64	ug/l	100
86) p-Isopropyltoluene	13.29	119	504447	20.73	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	288983	19.77	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	279068	19.24	ug/l	99
89) n-Butylbenzene	13.62	91	373616	19.01	ug/l	98
90) Hexachloroethane	13.88	117	94321	19.27	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	283379	19.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23736	21.04	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
Data File : VN050676.D
Acq On : 16 Aug 2018 1:07
Operator : MD\SY
Sample : VN0815WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

Quant Time: Aug 16 04:50:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

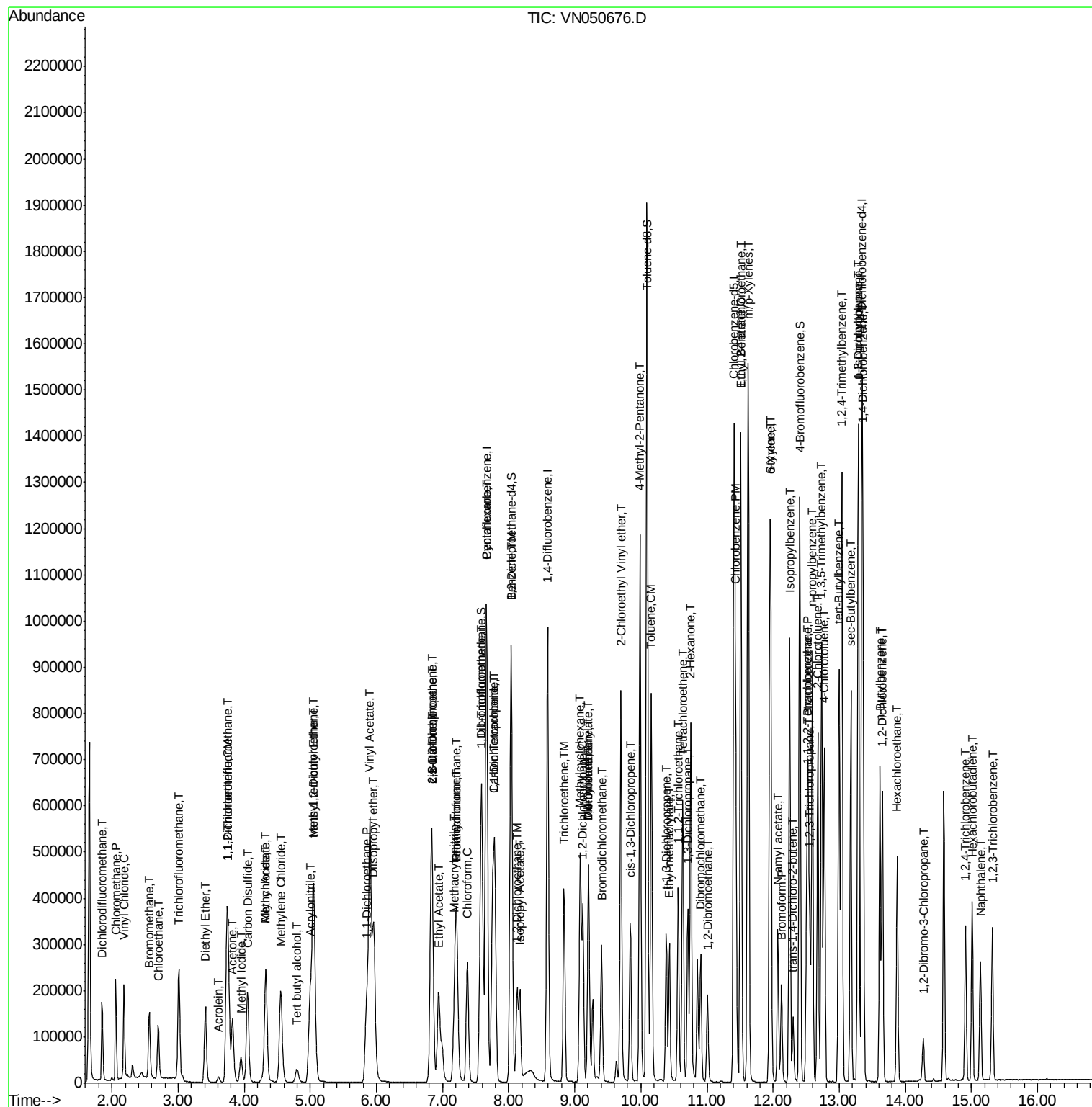
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	115480	17.61	ug/l	99
94) Hexachlorobutadiene	15.01	225	82215	18.80	ug/l	98
95) Naphthalene	15.14	128	229608	17.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	118837	18.65	ug/l	99

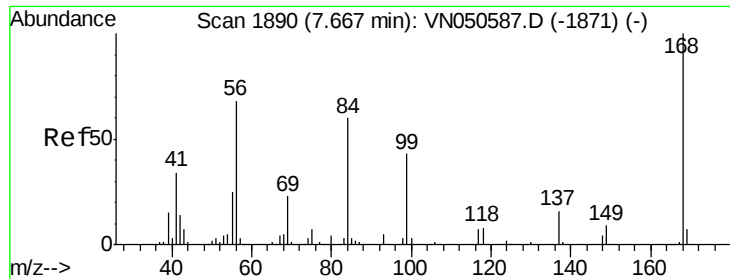
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
Data File : VN050676.D
Acq On : 16 Aug 2018 1:07
Operator : MD\SY
Sample : VN0815WBS03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

Quant Time: Aug 16 01:33:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

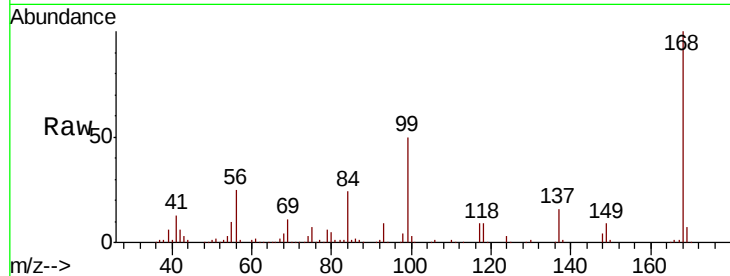
VN0815WBS03

Tot Ion:168 Resp: 617058

Ion Ratio Lower Upper

168 100

99 50.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

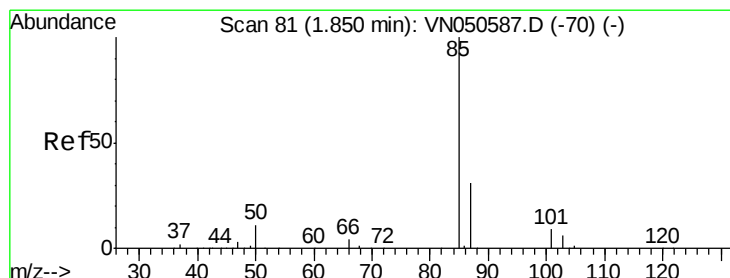
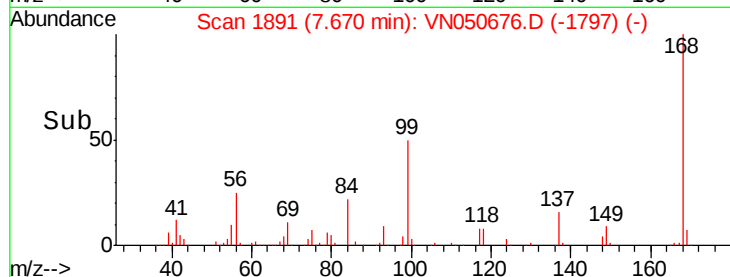
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.13 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050676.D

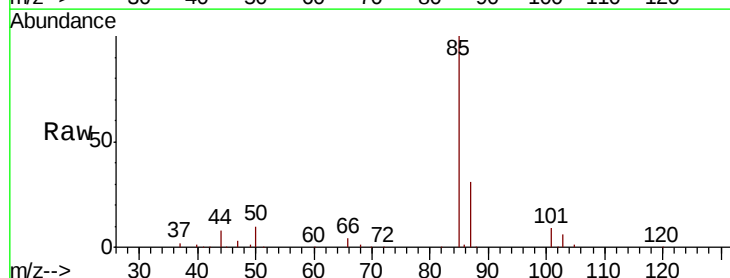
Acq: 16 Aug 2018 1:07

Tgt Ion: 85 Resp: 133090

Ion Ratio Lower Upper

85 100

87 31.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

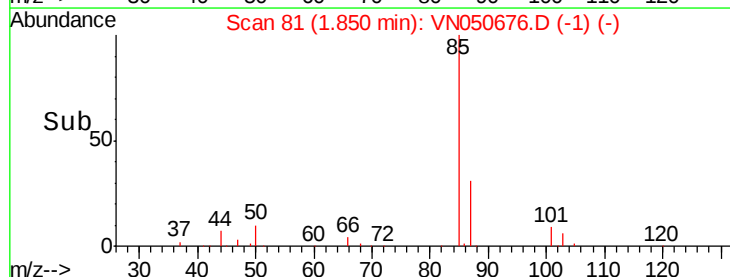
40000

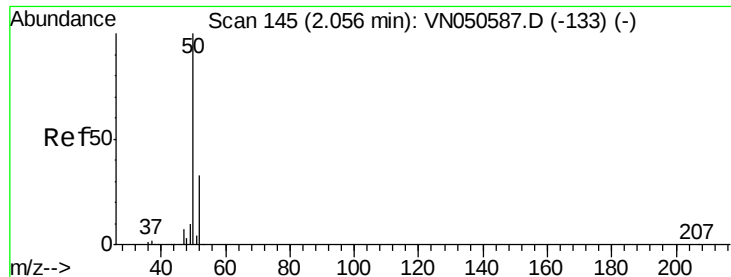
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.14 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

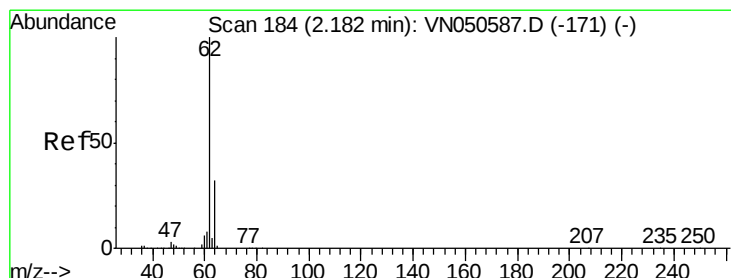
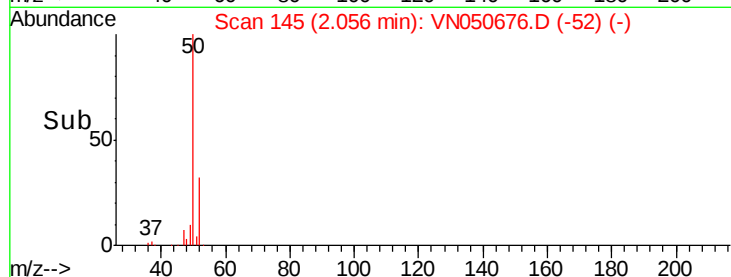
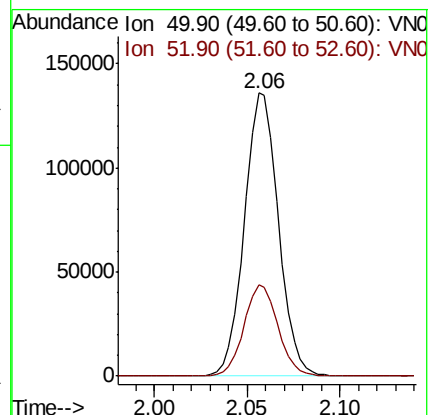
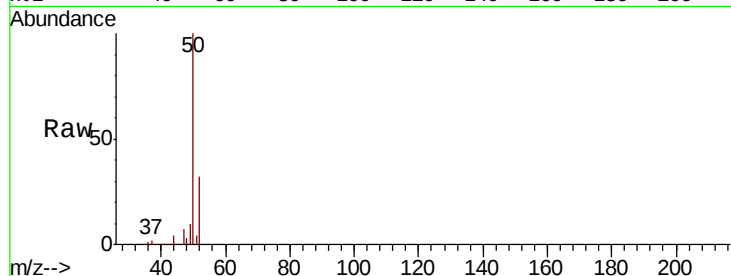
VN0815WBS03

Tot Ion: 50 Resp: 173237

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.42 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050676.D

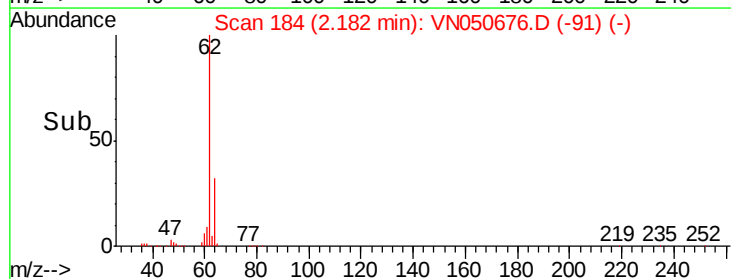
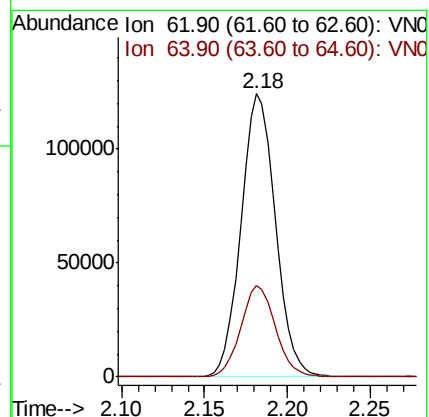
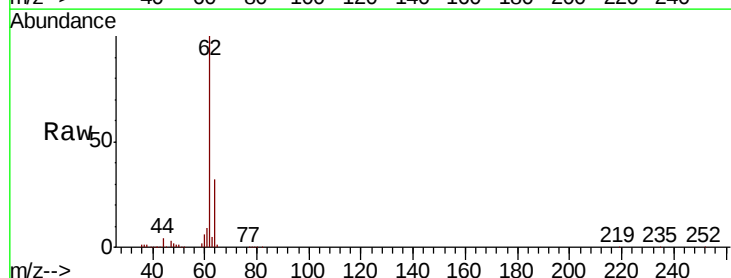
Acq: 16 Aug 2018 1:07

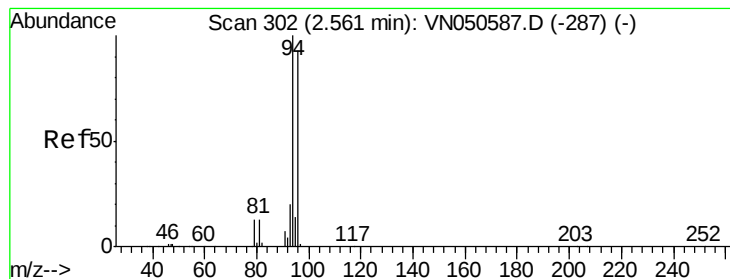
Tgt Ion: 62 Resp: 179437

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 18.91 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

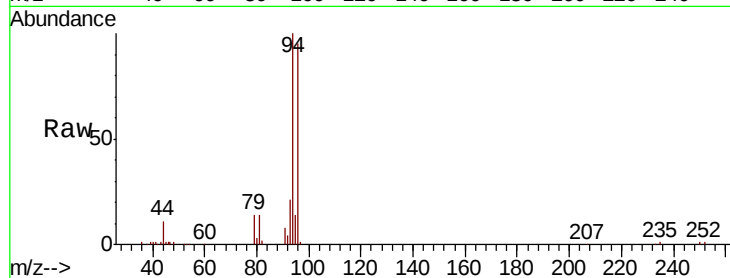
VN0815WBS03

Tot Ion: 94 Resp: 100392

Ion Ratio Lower Upper

94 100

96 94.1 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

50000

40000

30000

20000

10000

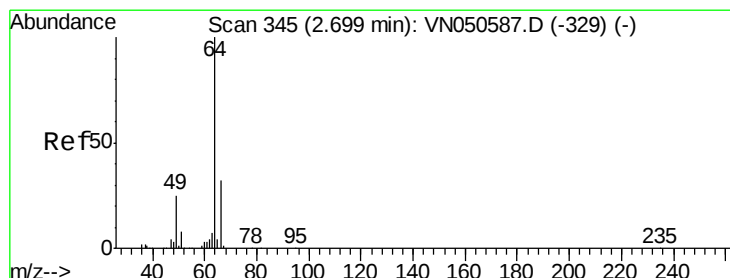
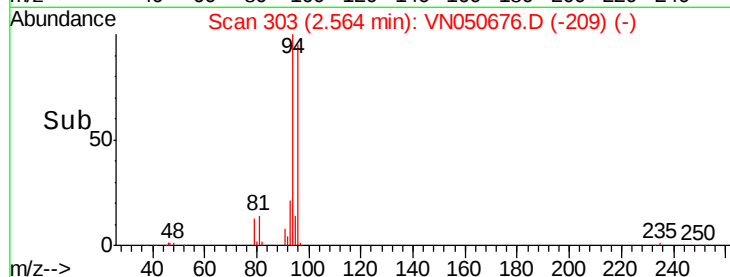
0

Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 20.07 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050676.D

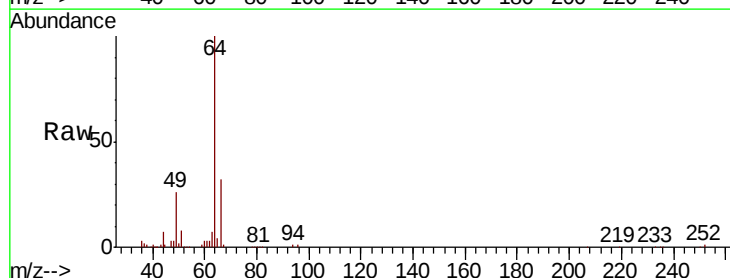
Acq: 16 Aug 2018 1:07

Tgt Ion: 64 Resp: 107925

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

60000

50000

40000

30000

20000

10000

0

Time-->

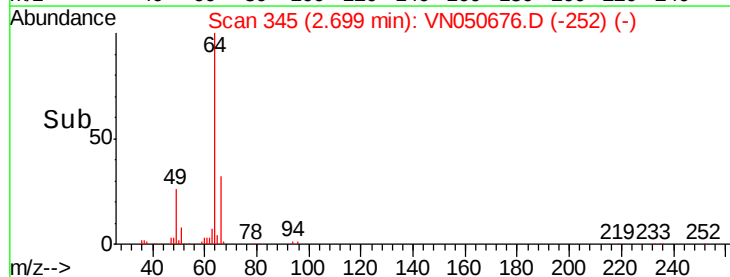
2.60

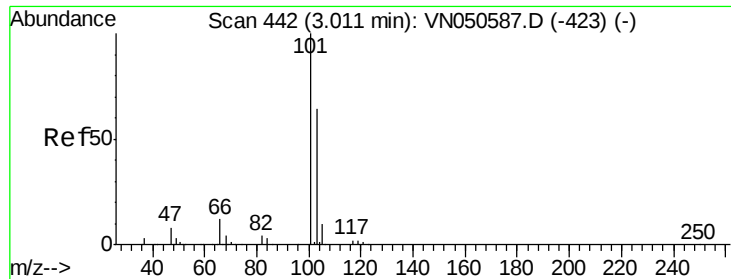
2.65

2.70

2.75

2.80



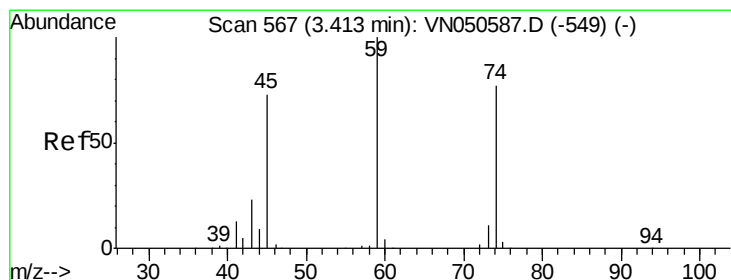
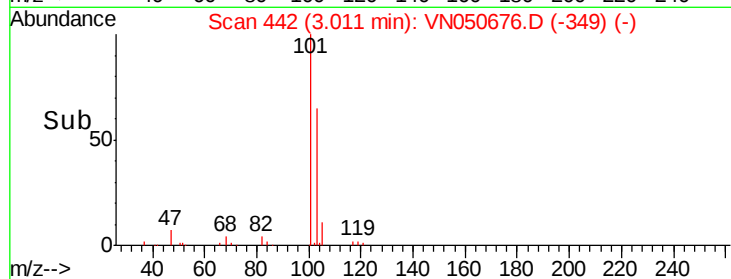
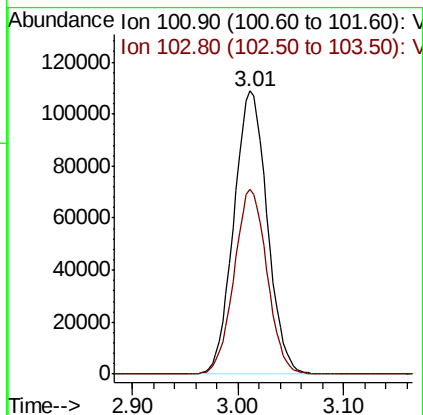
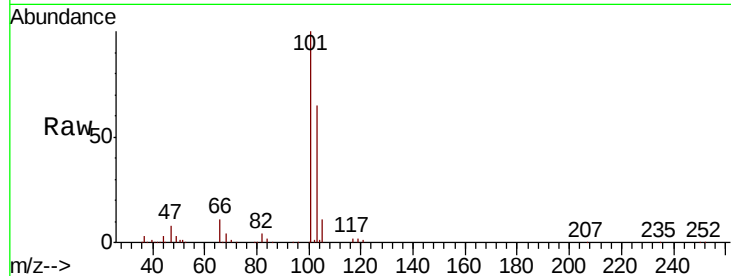


#7

Trichlorofluoromethane
 Concen: 19.71 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

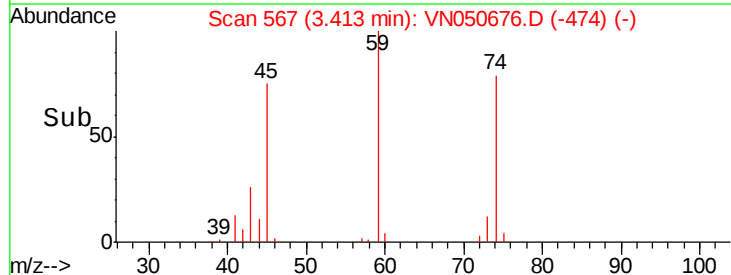
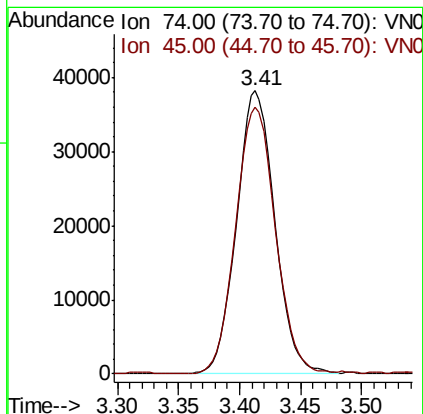
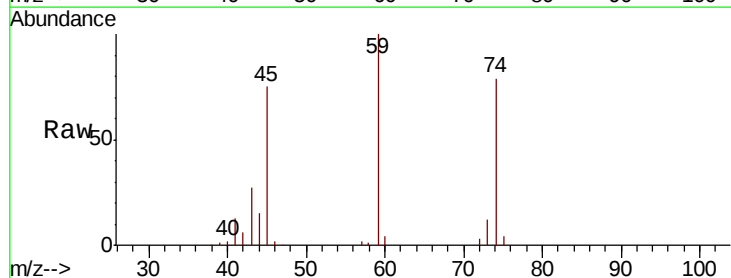
Tot Ion:101 Resp: 238999
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

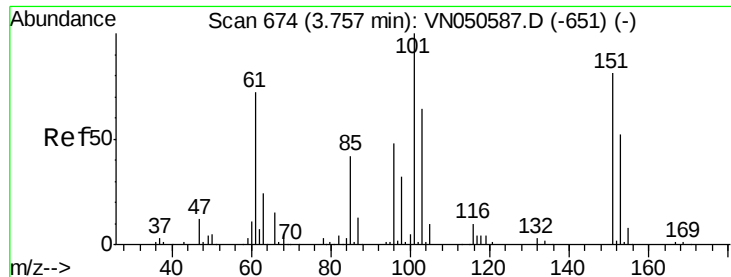


#8

Diethyl Ether
 Concen: 20.55 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion: 74 Resp: 82879
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.67 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

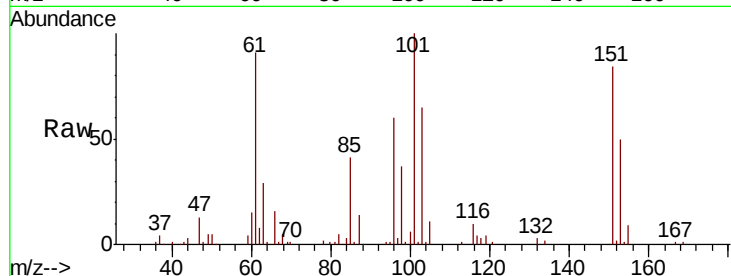
Tot Ion:101 Resp: 144264

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.0

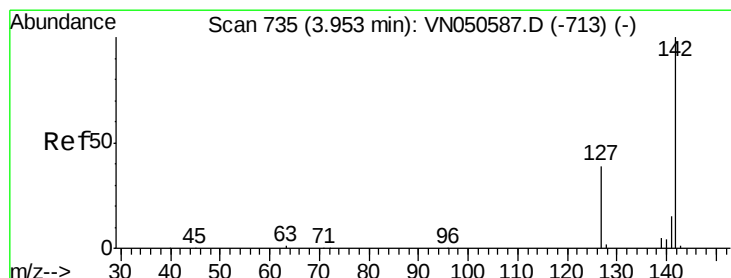
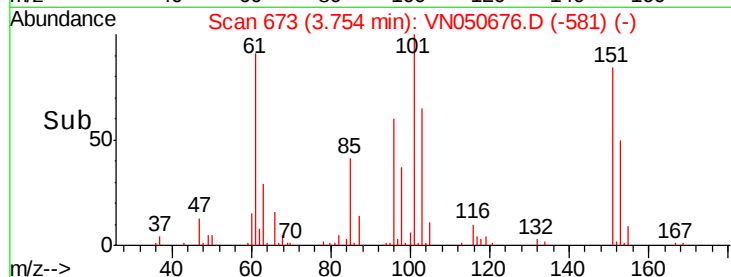
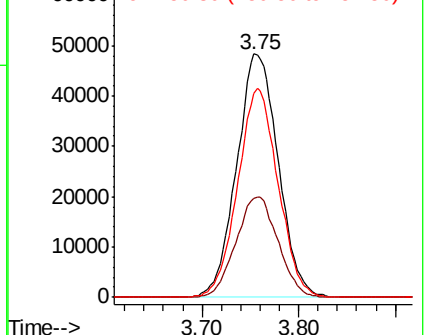
151 83.4 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.45 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

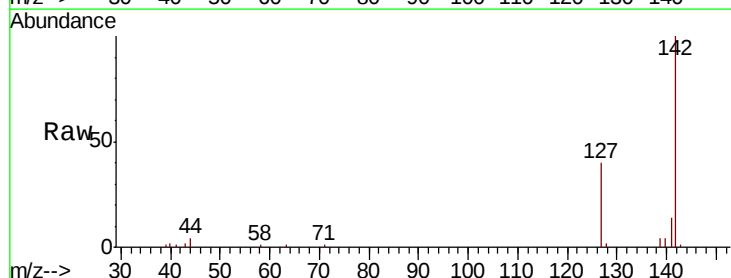
Tgt Ion:142 Resp: 87779

Ion Ratio Lower Upper

142 100

127 40.5 32.6 49.0

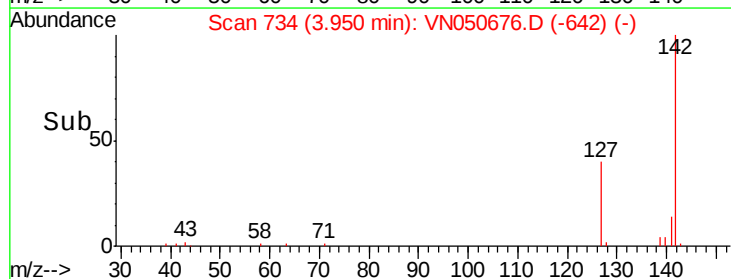
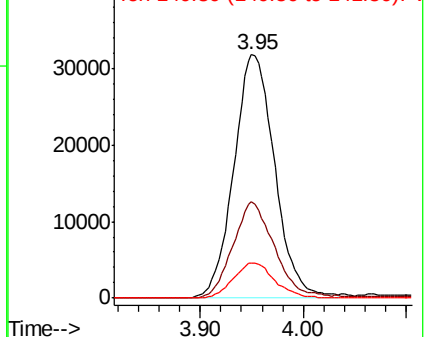
141 14.5 11.5 17.3

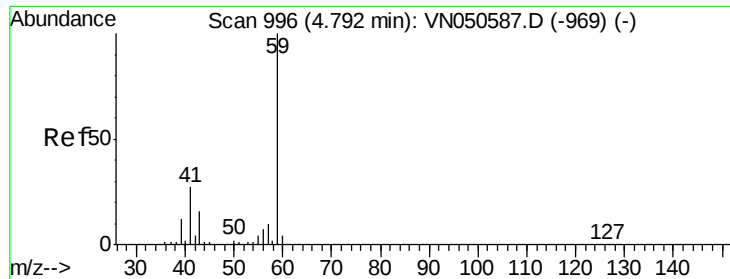


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



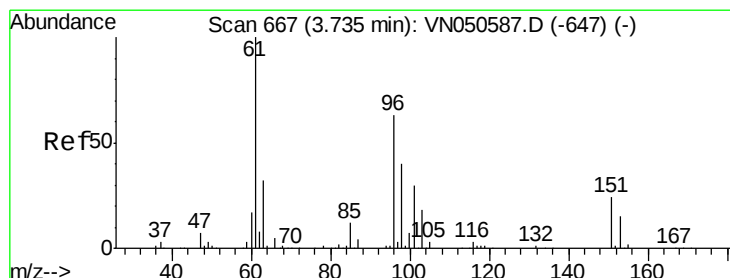
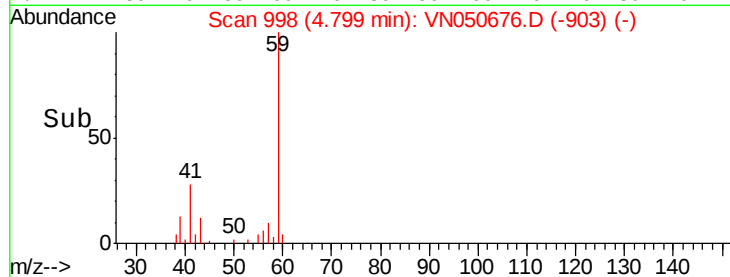
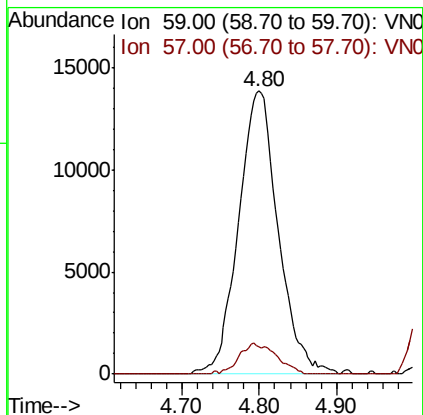
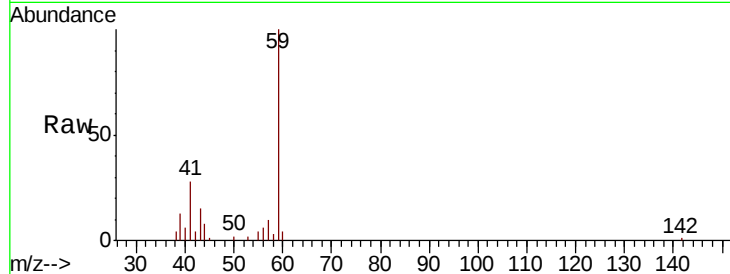


#11

Tert butyl alcohol
 Concen: 116.62 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

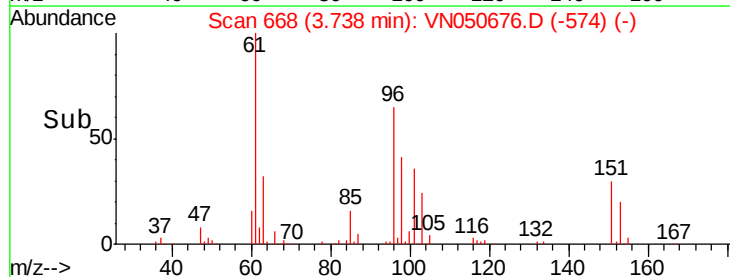
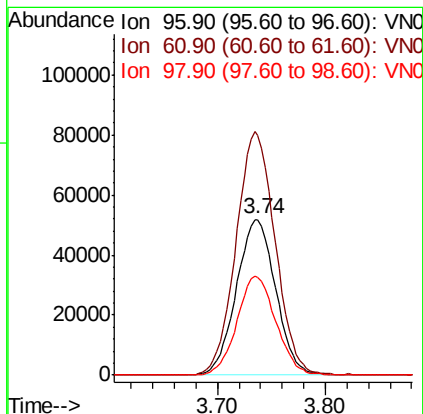
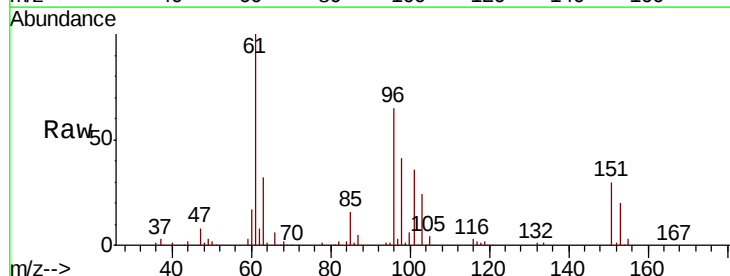
Tot Ion: 59 Resp: 49529
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.4 12.6#

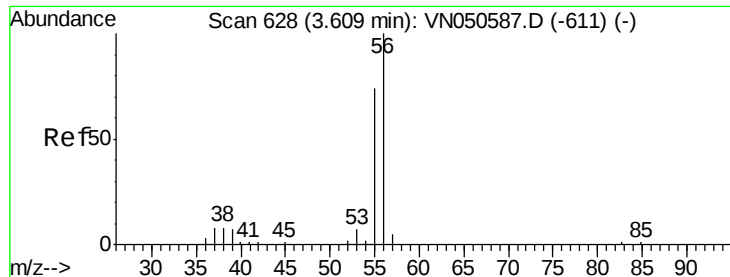


#12

1,1-Dichloroethene
 Concen: 19.65 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion: 96 Resp: 131568
 Ion Ratio Lower Upper
 96 100
 61 154.1 126.9 190.3
 98 62.5 51.1 76.7





#13

Acrolein

Concen: 79.75 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

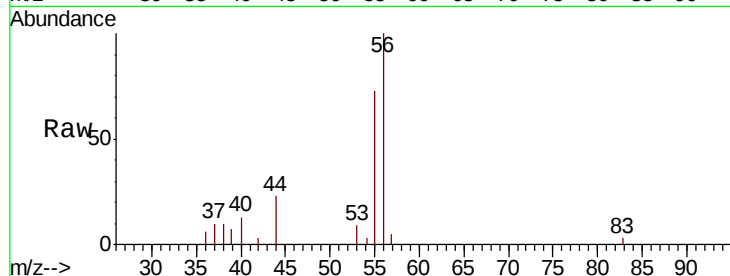
VN0815WBS03

Tot Ion: 56 Resp: 14011

Ion Ratio Lower Upper

56 100

55 69.2 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

6000

5000

4000

3000

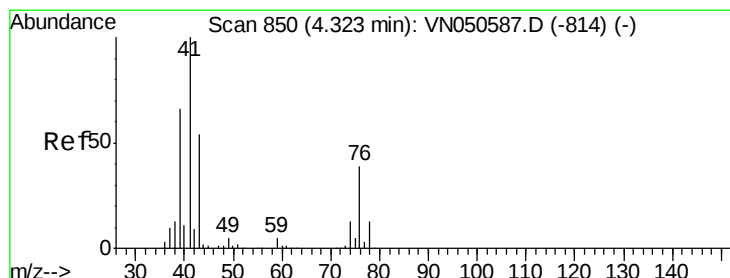
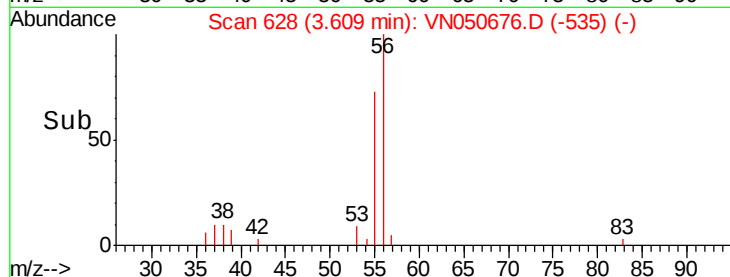
2000

1000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 18.89 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

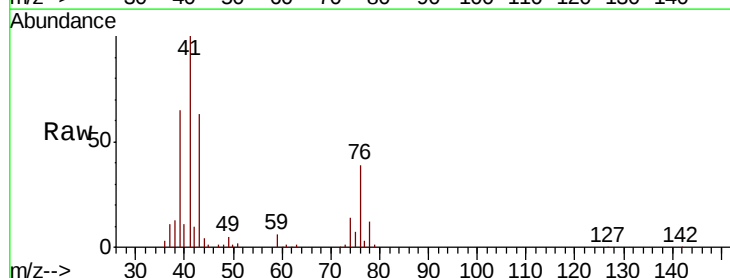
Tgt Ion: 41 Resp: 196707

Ion Ratio Lower Upper

41 100

39 64.2 51.4 77.0

76 37.4 29.4 44.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

60000

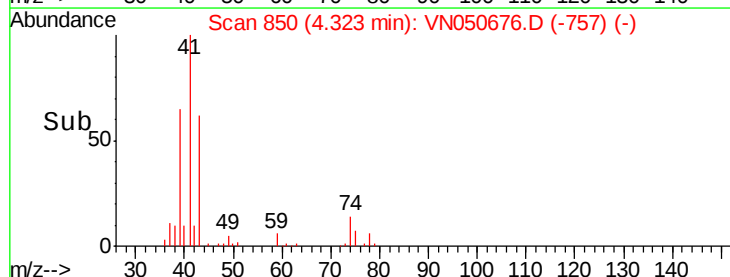
40000

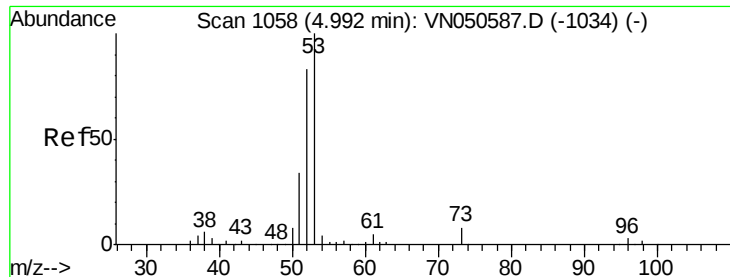
20000

0

Time-->

4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 106.14 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

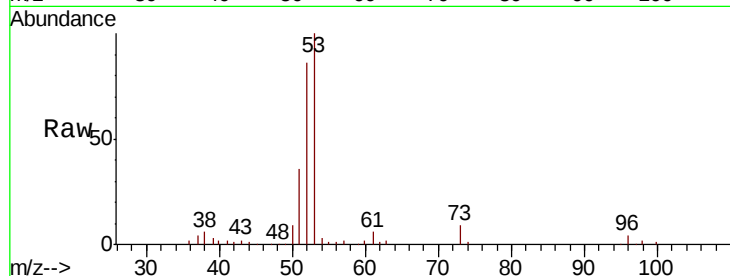
Tot Ion: 53 Resp: 247573

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

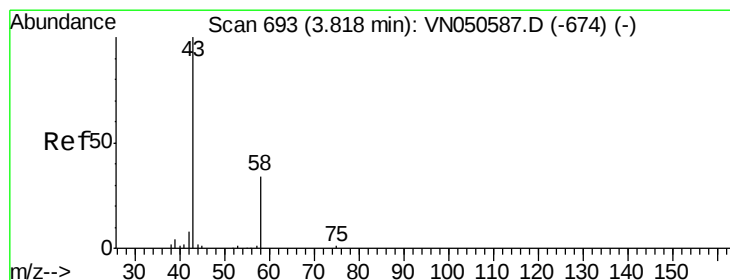
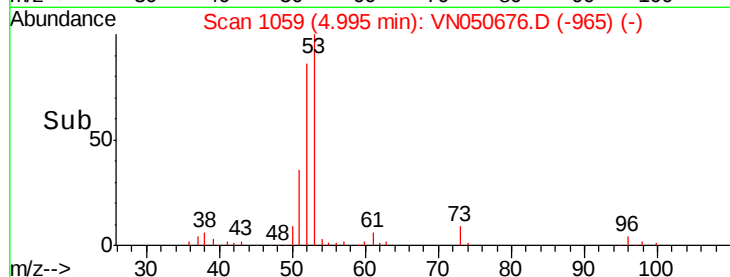
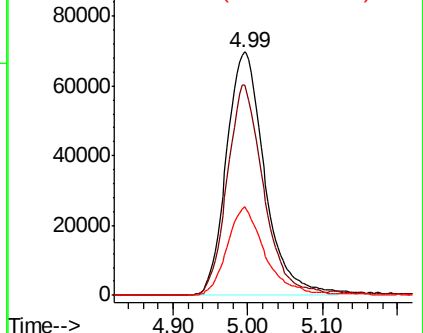
51 36.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 111.72 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050676.D

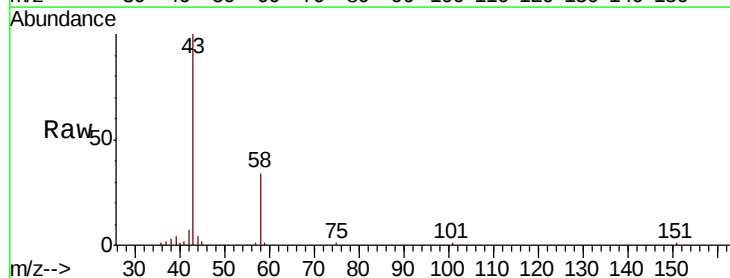
Acq: 16 Aug 2018 1:07

Tgt Ion: 43 Resp: 218528

Ion Ratio Lower Upper

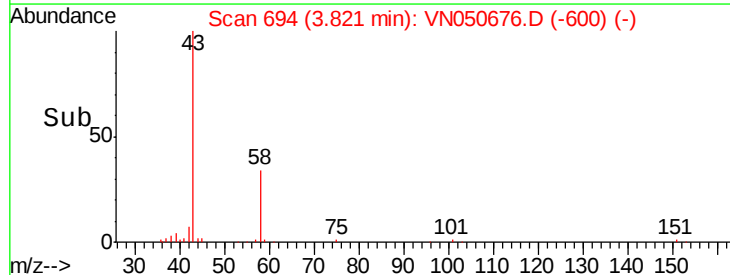
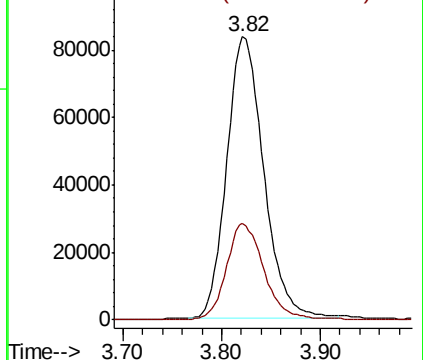
43 100

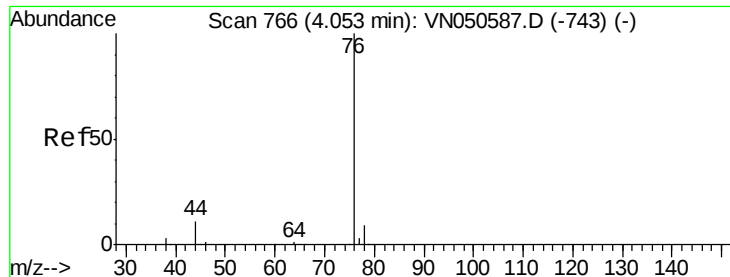
58 34.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

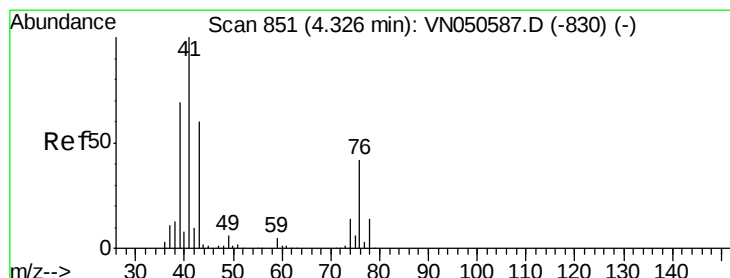
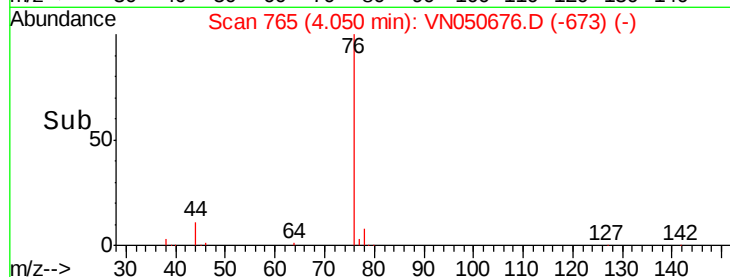
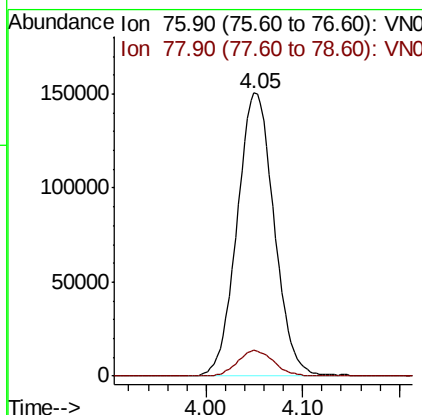
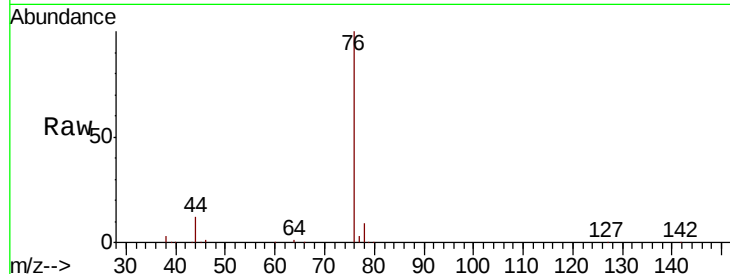




#17
Carbon Disulfide
Concen: 18.99 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

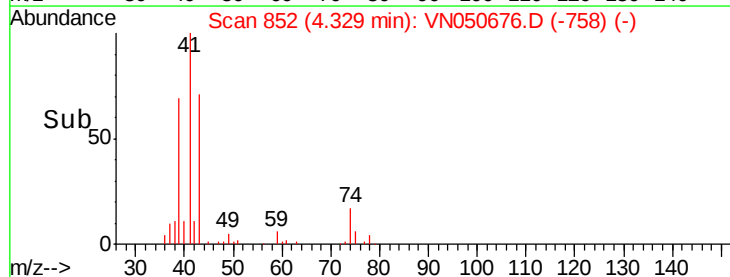
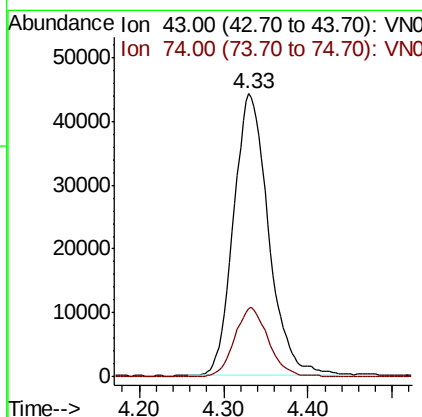
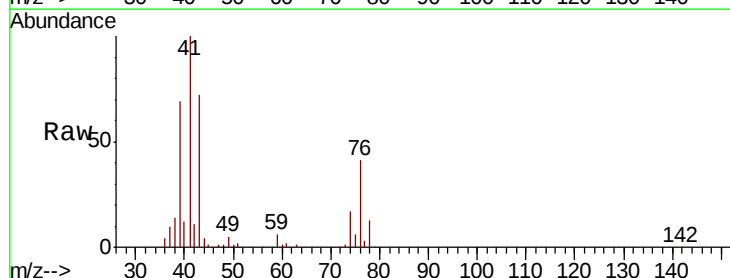
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

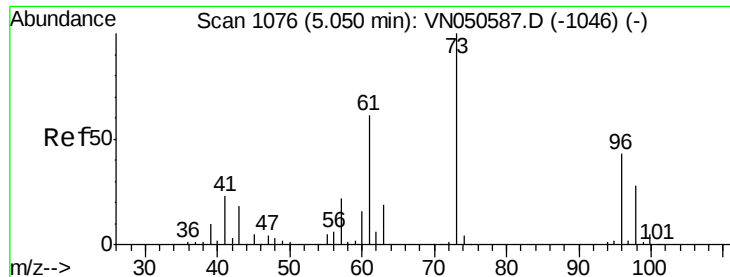
Tot Ion: 76 Resp: 400069
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 22.80 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 43 Resp: 127491
Ion Ratio Lower Upper
43 100
74 23.6 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 21.24 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampled :

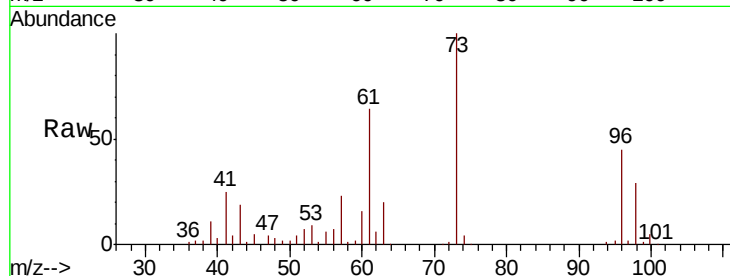
VN0815WBS03

Tot Ion: 73 Resp: 362023

Ion Ratio Lower Upper

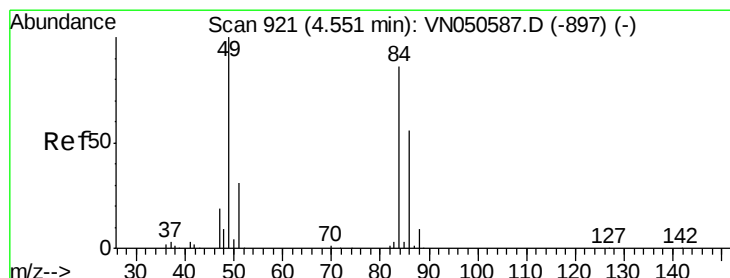
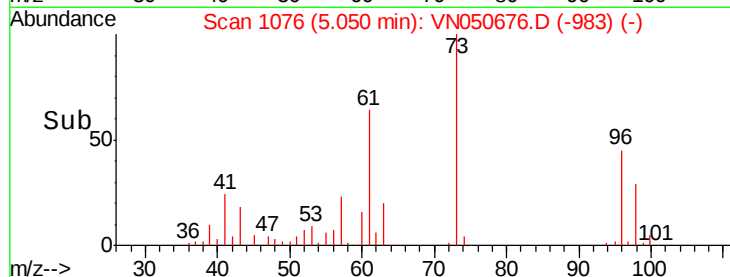
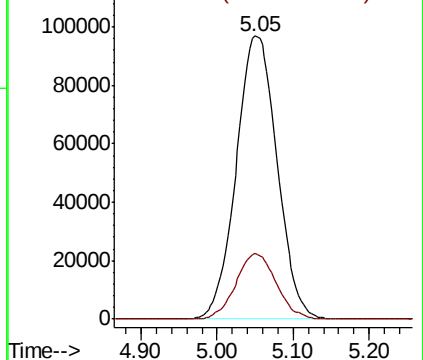
73 100

57 23.1 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 20.37 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Tgt Ion: 84 Resp: 156192

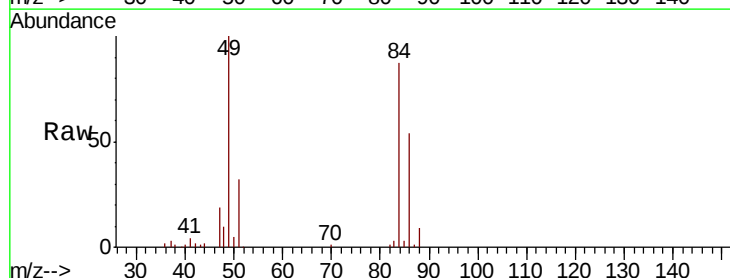
Ion Ratio Lower Upper

84 100

49 115.2 92.6 138.8

51 36.4 28.6 43.0

86 61.8 52.2 78.2

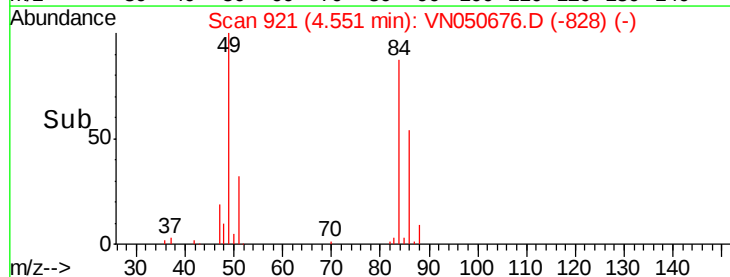
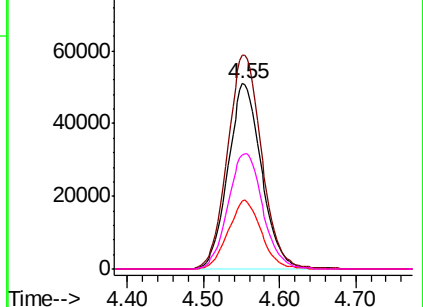


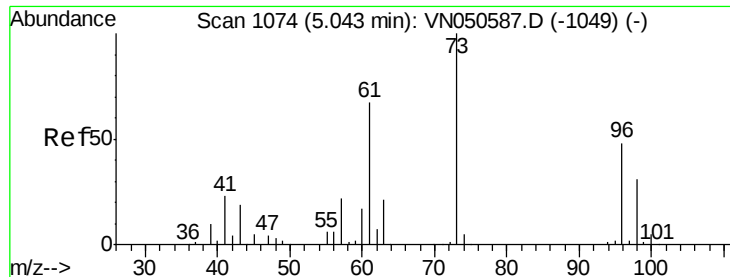
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.61 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

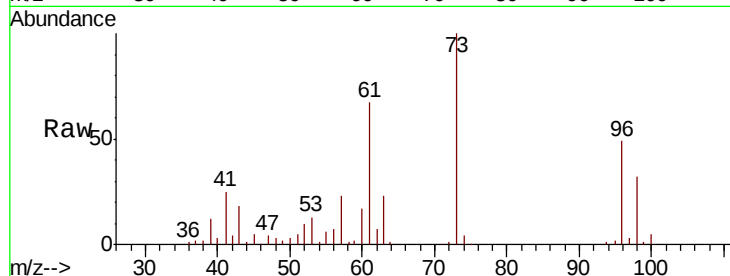
Tot Ion: 96 Resp: 142362

Ion Ratio Lower Upper

96 100

61 135.6 111.2 166.8

98 64.4 51.6 77.4

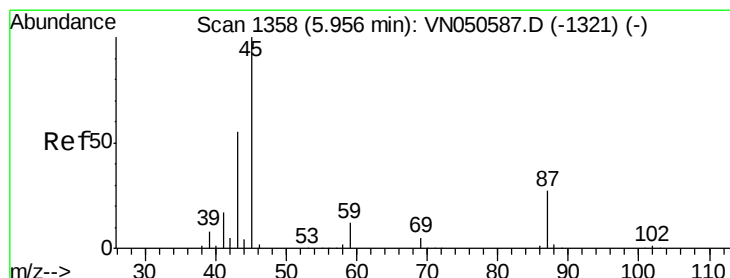
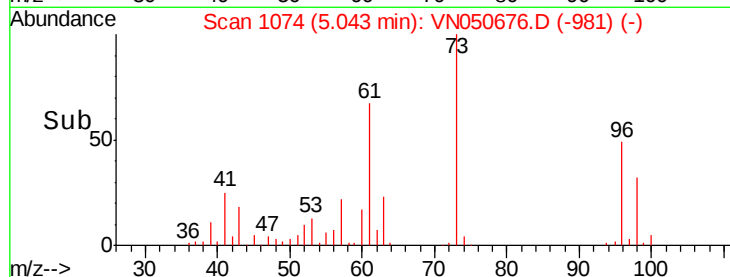
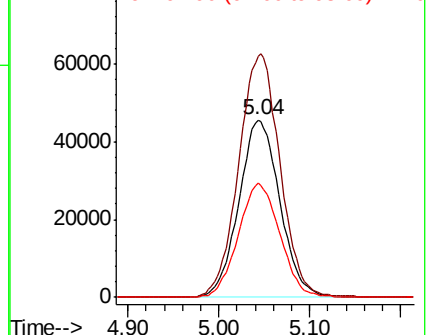


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.09 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Tgt Ion: 45 Resp: 450437

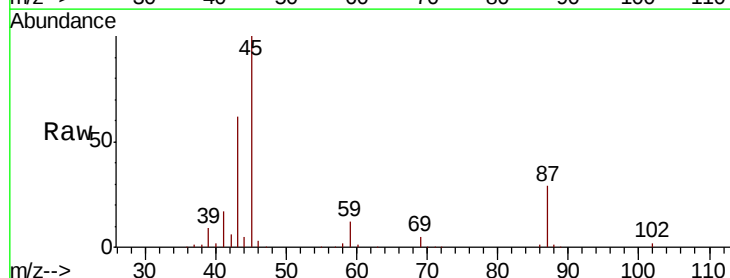
Ion Ratio Lower Upper

45 100

43 61.0 44.5 66.7

87 28.6 22.2 33.2

59 11.9 9.5 14.3



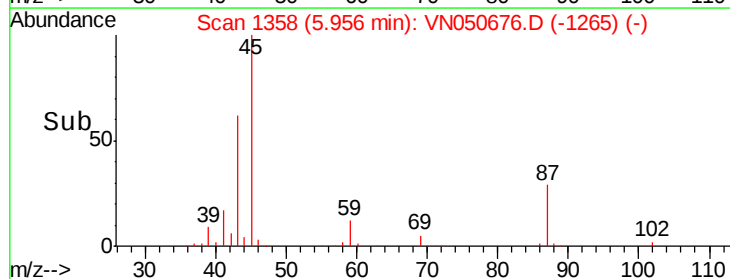
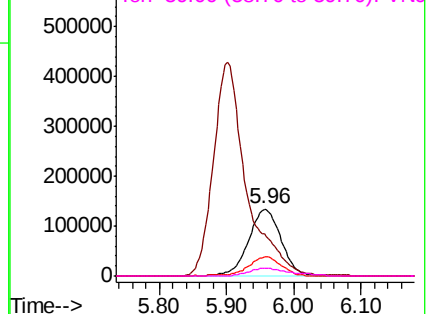
Abundance

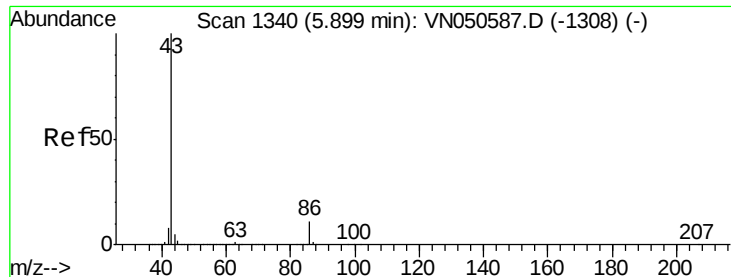
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.85 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

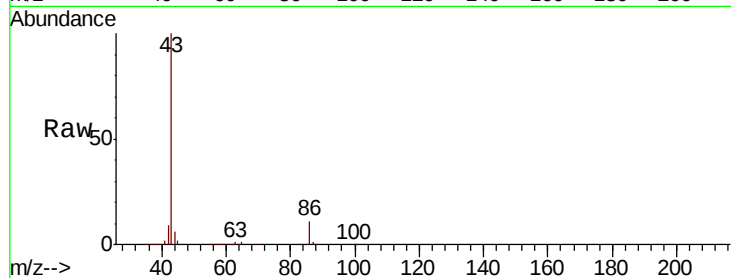
VN0815WBS03

Tot Ion: 43 Resp: 1464492

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

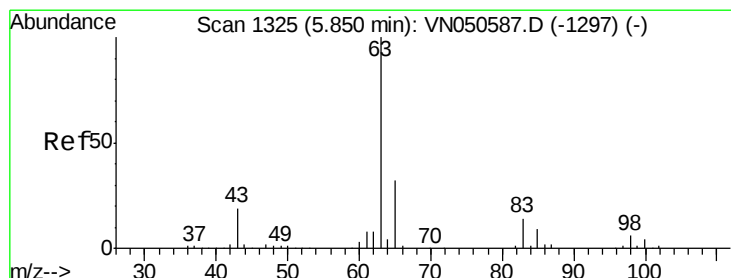
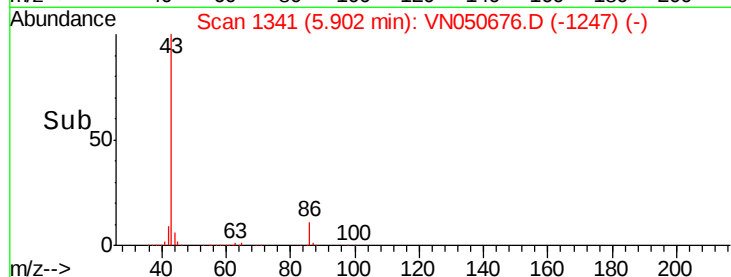
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.77 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

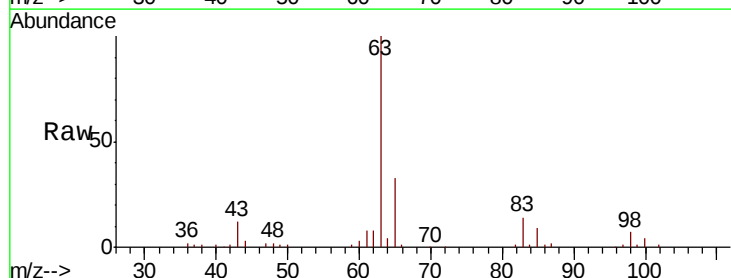
Tgt Ion: 63 Resp: 273089

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

100 4.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

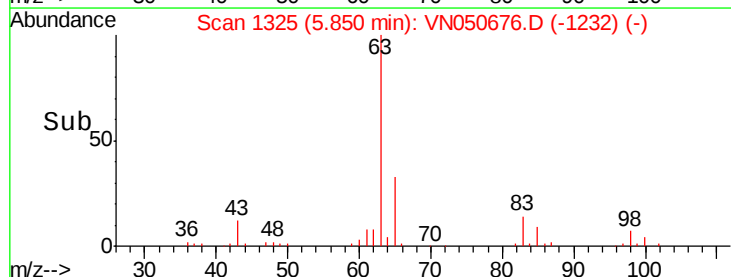
60000

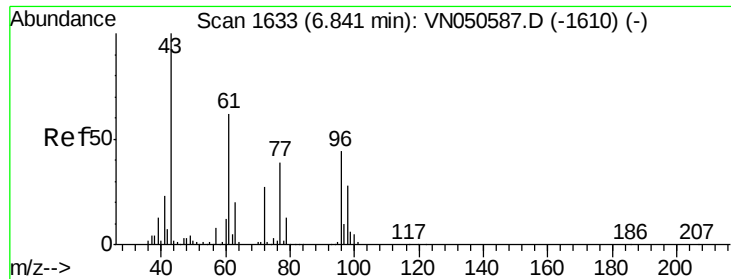
40000

20000

0

Time--> 5.70 5.80 5.90 6.00

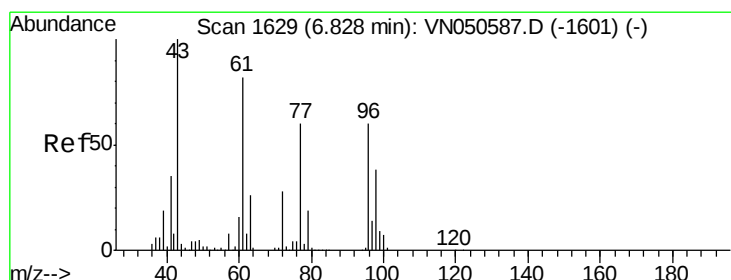
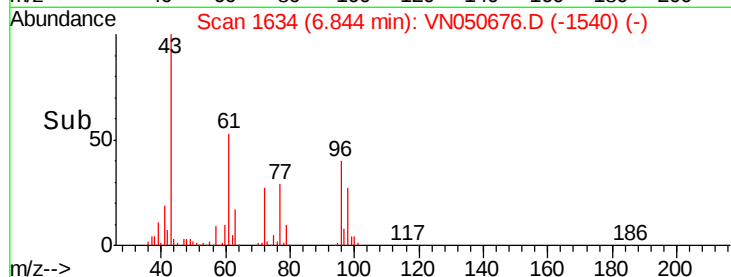
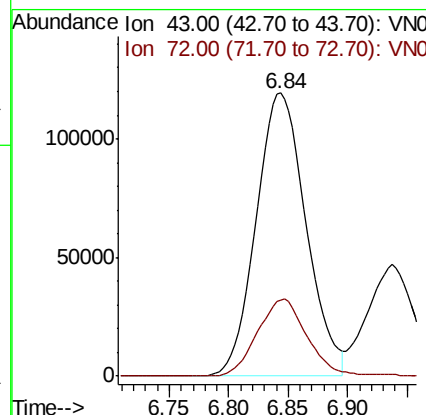
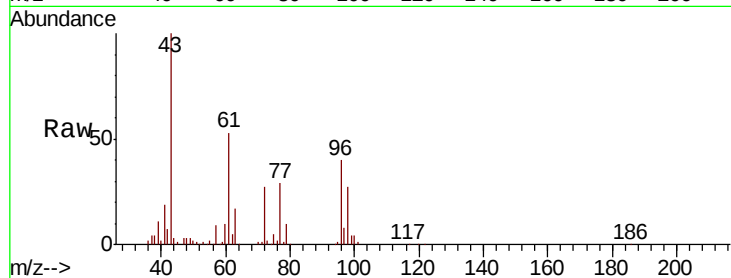




#25
2-Butanone
Concen: 108.23 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

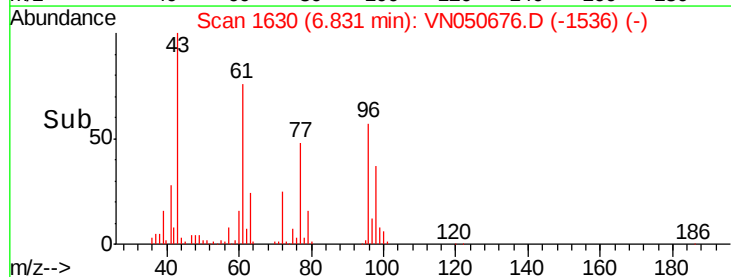
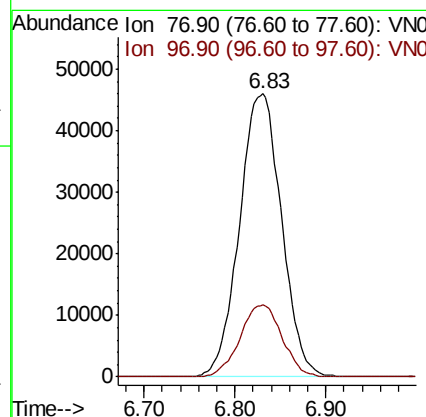
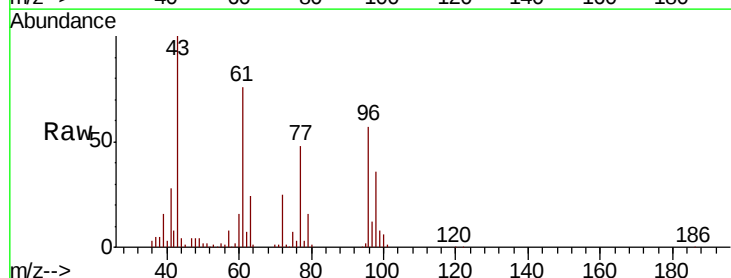
Instrument :
MSVOA_N
ClientSampled :
VN0815WBS03

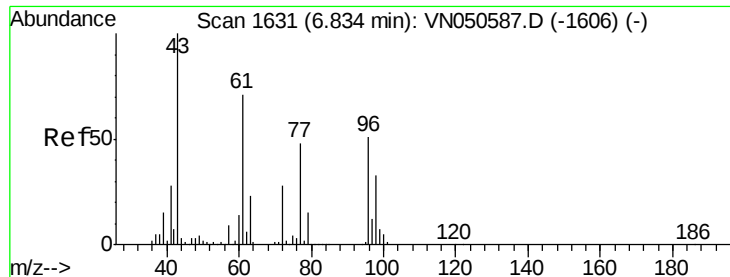
Tot Ion: 43 Resp: 345147
Ion Ratio Lower Upper
43 100
72 27.1 21.8 32.6



#26
2,2-Dichloropropane
Concen: 15.94 ug/l
RT: 6.83 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 77 Resp: 147408
Ion Ratio Lower Upper
77 100
97 25.4 12.2 36.4

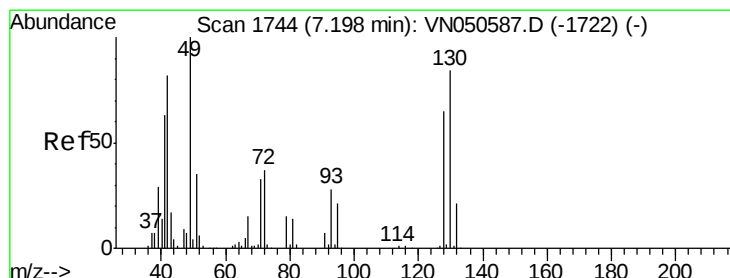
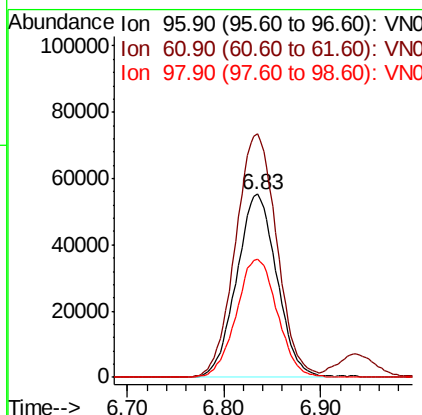
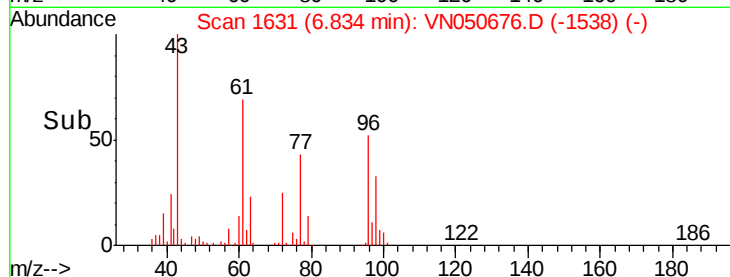
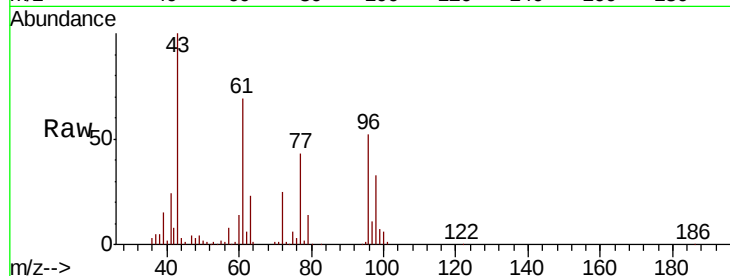




#27
 cis-1,2-Dichloroethene
 Concen: 19.81 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

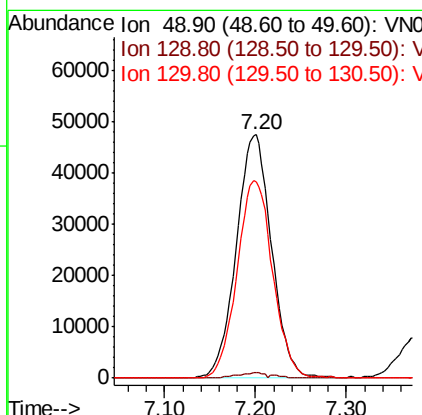
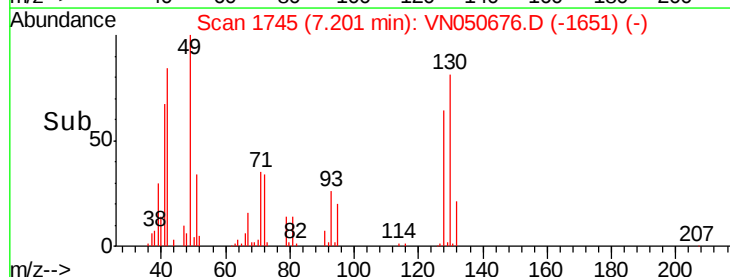
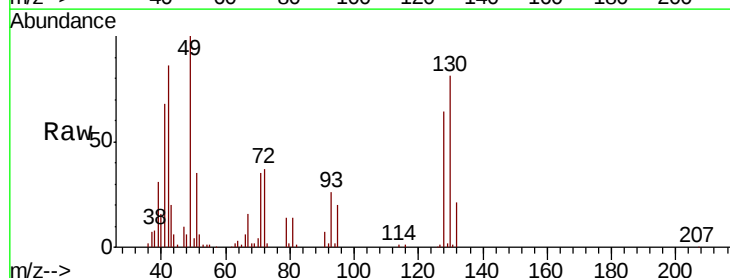
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

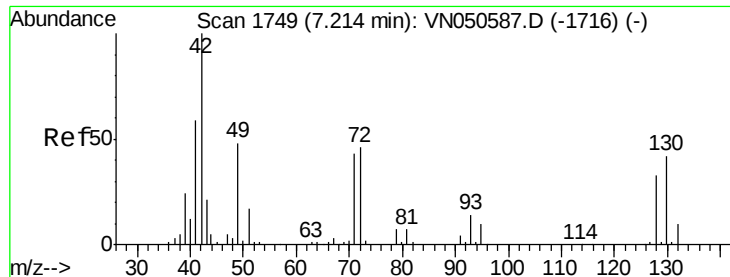
Tot Ion: 96 Resp: 160125
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 278.2
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.31 ug/l
 RT: 7.20 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion: 49 Resp: 127723
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 81.8 66.8 100.2





#29

Tetrahydrofuran

Concen: 113.03 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

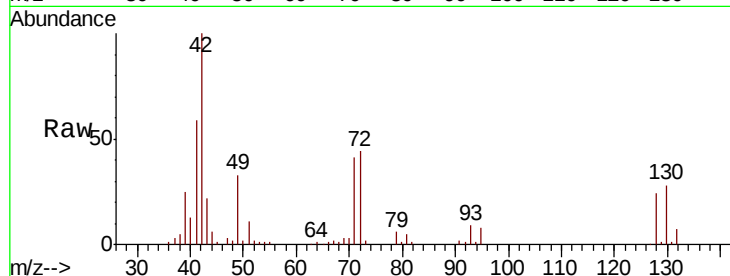
Tot Ion: 42 Resp: 188203

Ion Ratio Lower Upper

42 100

72 44.5 35.8 53.6

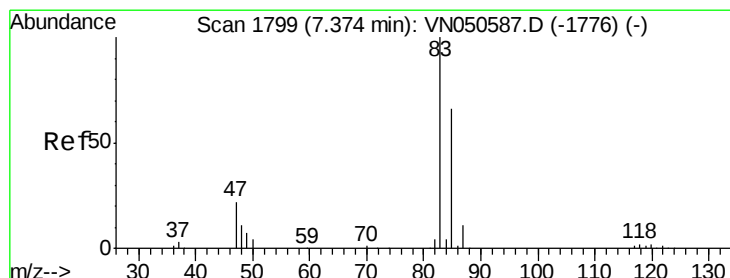
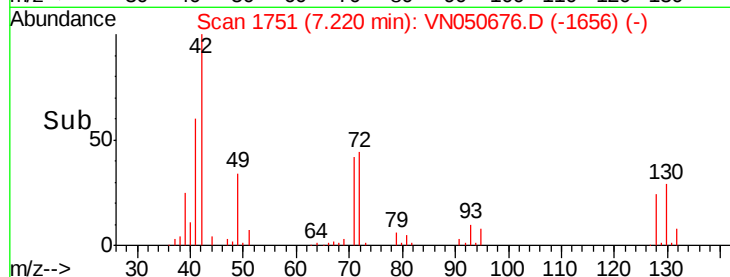
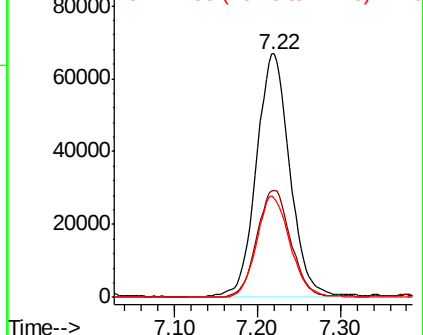
71 41.5 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.83 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050676.D

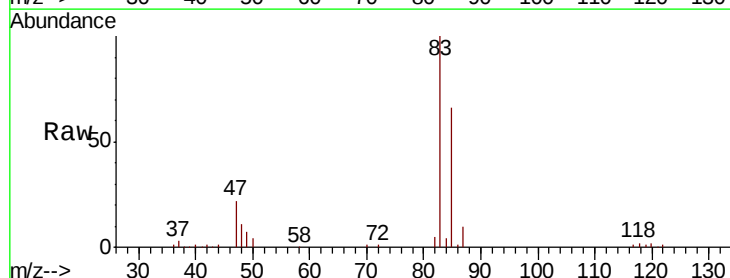
Acq: 16 Aug 2018 1:07

Tgt Ion: 83 Resp: 277607

Ion Ratio Lower Upper

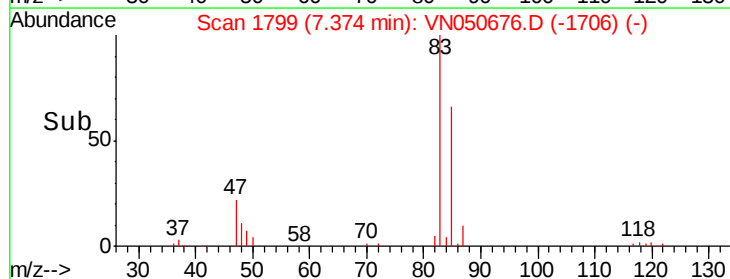
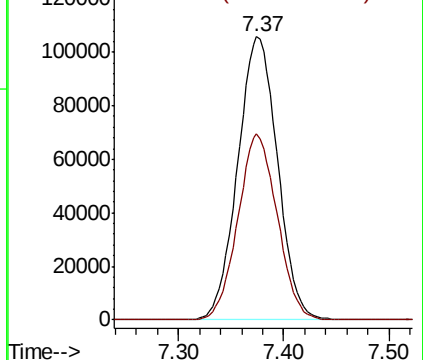
83 100

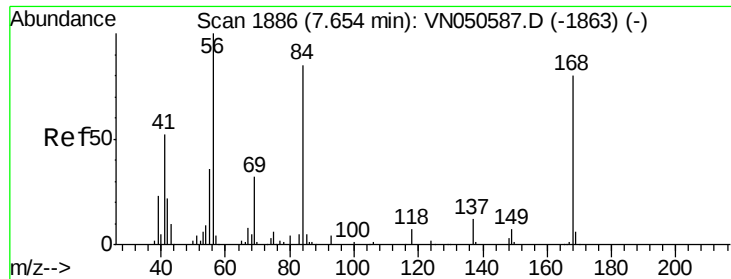
85 65.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cvclohexane

Concen: 19.56 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

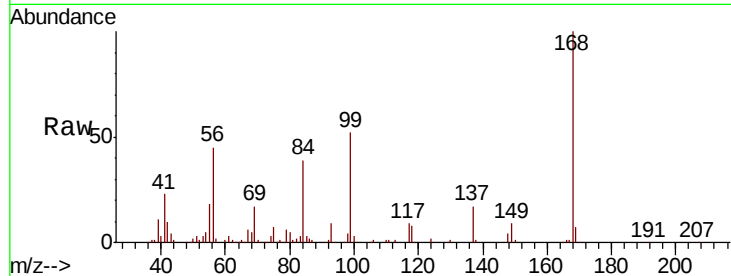
Tot Ion: 56 Resp: 233125

Ion Ratio Lower Upper

56 100

69 37.3 25.8 38.6

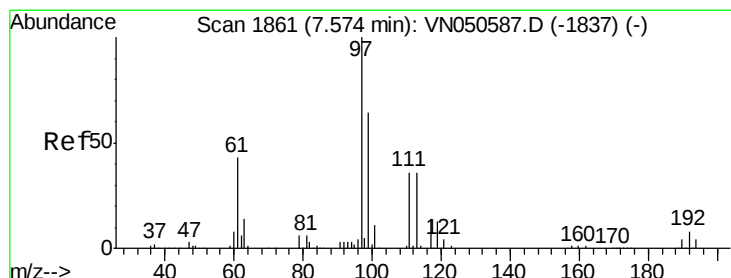
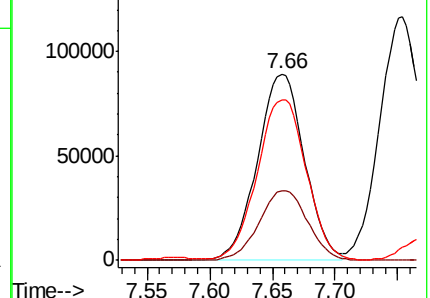
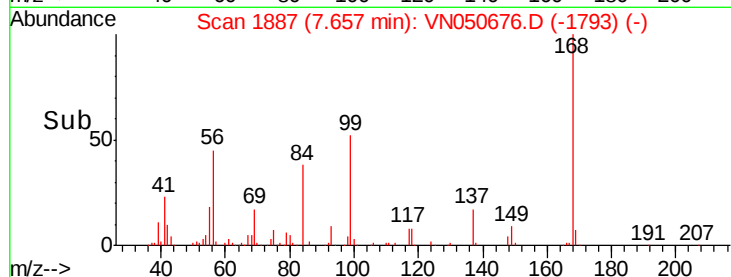
84 84.7 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.76 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

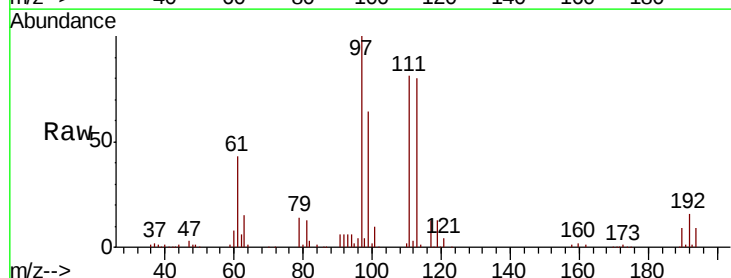
Tgt Ion: 97 Resp: 232826

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

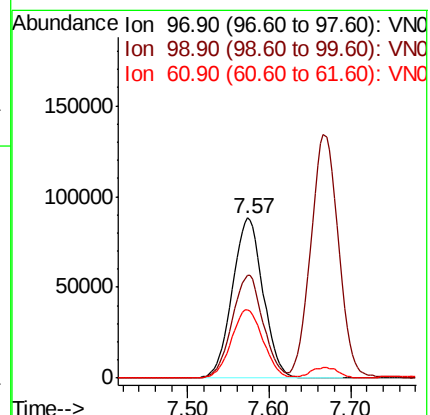
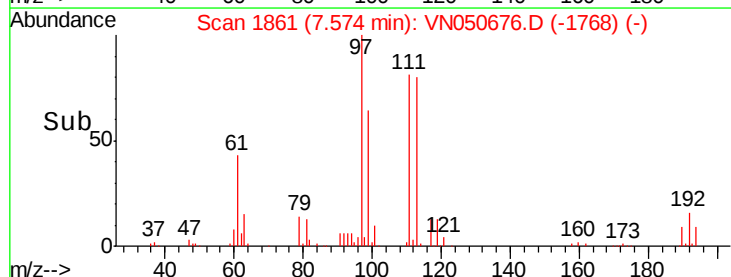
61 44.1 34.8 52.2

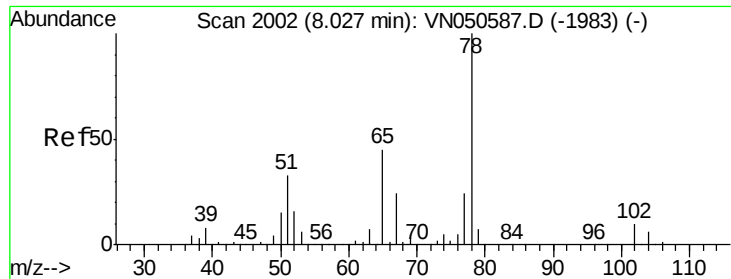


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

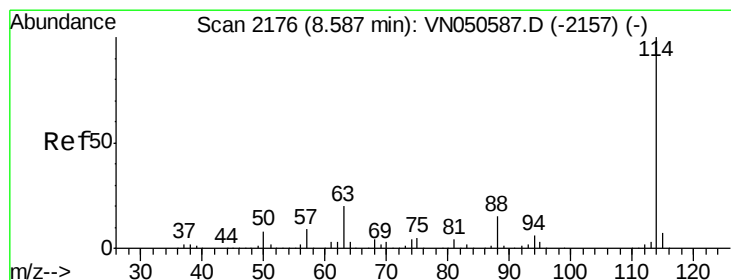
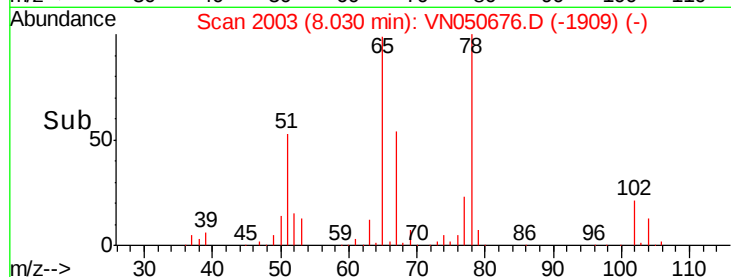
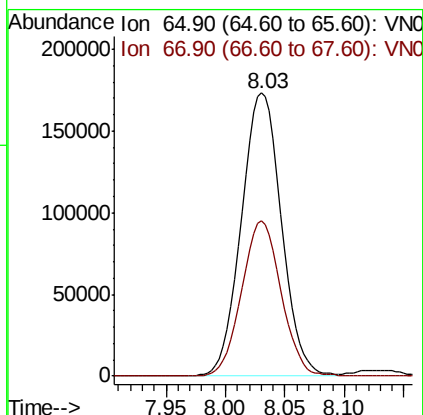
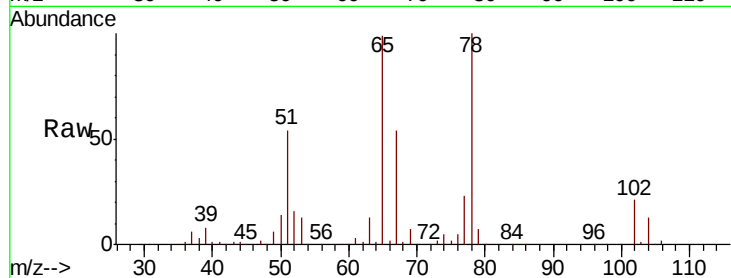




#33
 1,2-Dichloroethane-d4
 Concen: 52.07 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

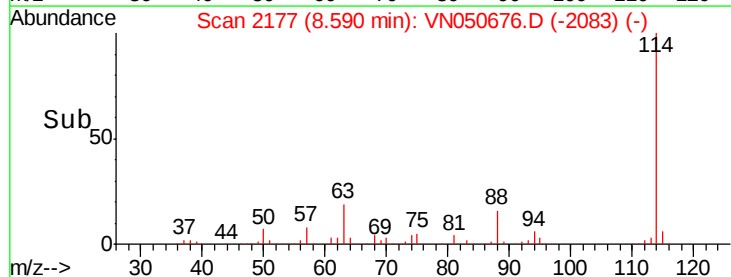
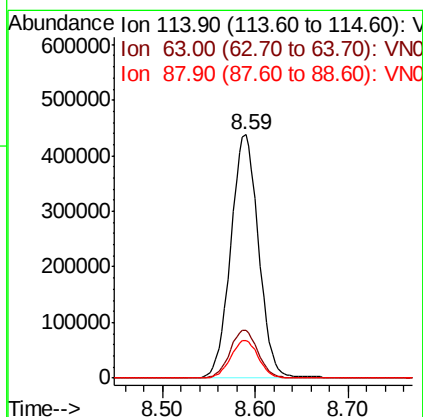
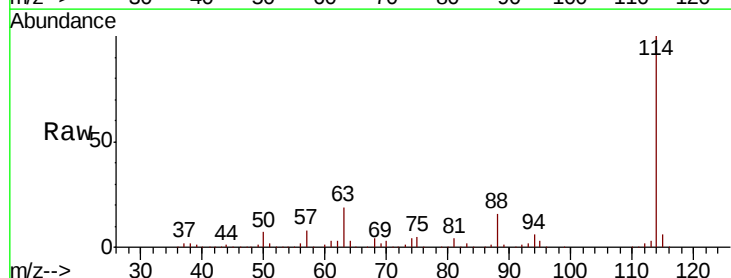
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

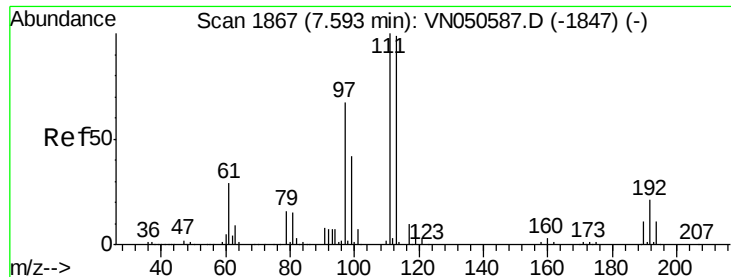
Tot Ion: 65 Resp: 405036
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion: 114 Resp: 912231
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.7 0.0 30.8

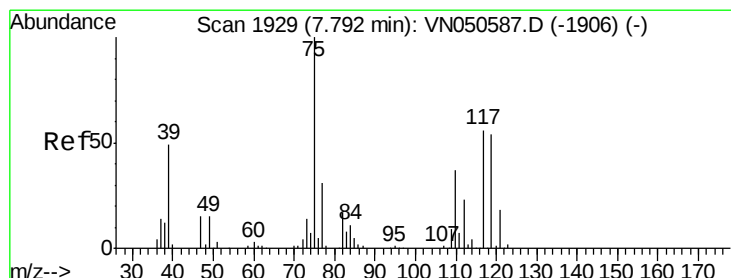
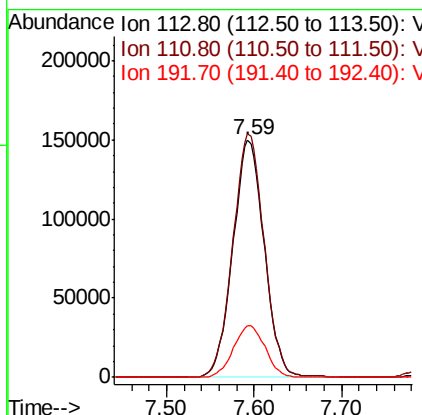
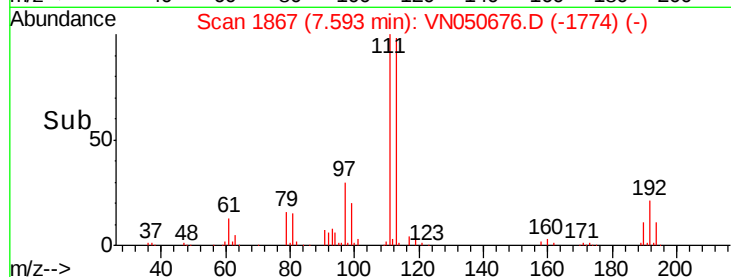
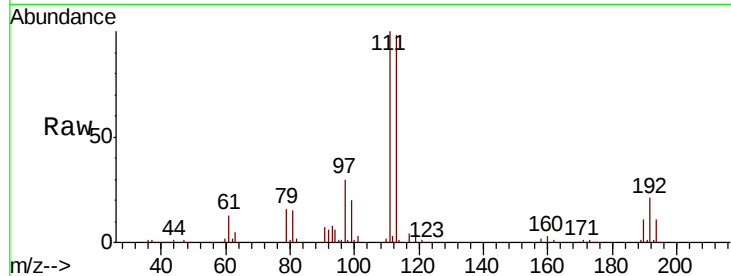




#35
 Dibromofluoromethane
 Concen: 51.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

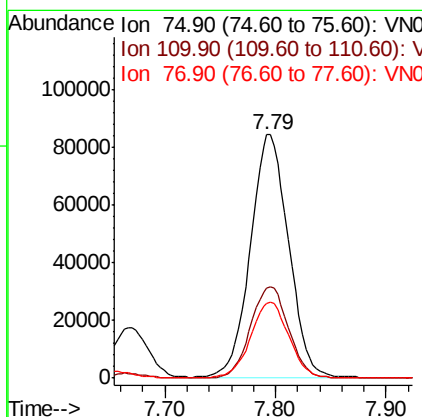
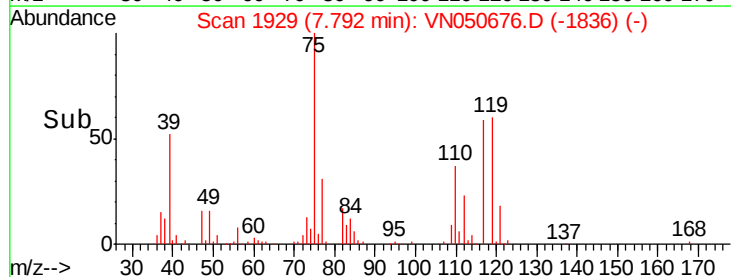
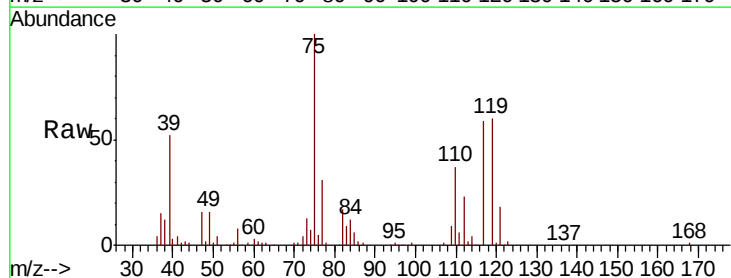
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

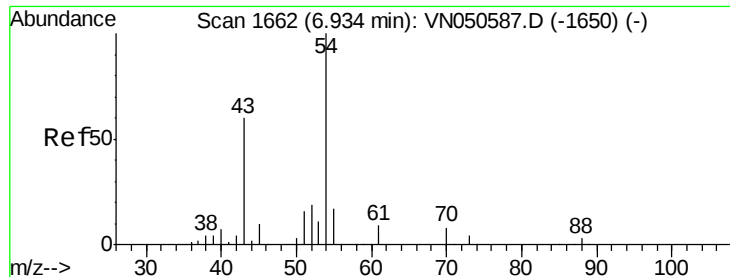
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.6
192	21.9	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 19.79 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.3	54.9
77	31.7	25.0	37.4

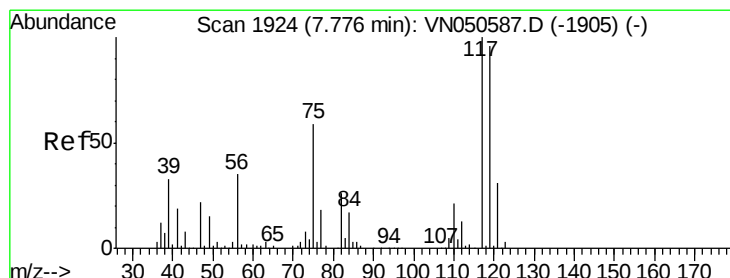
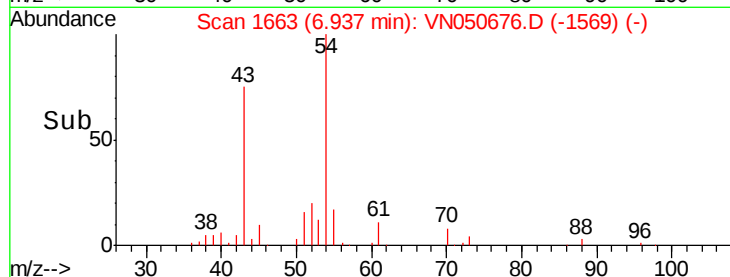
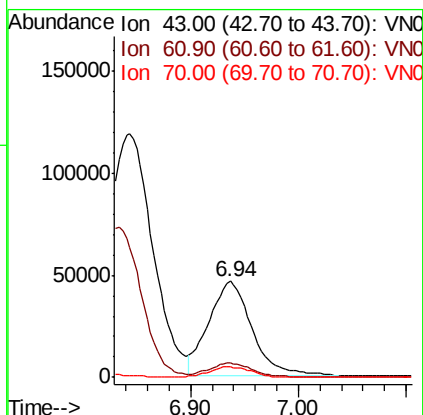
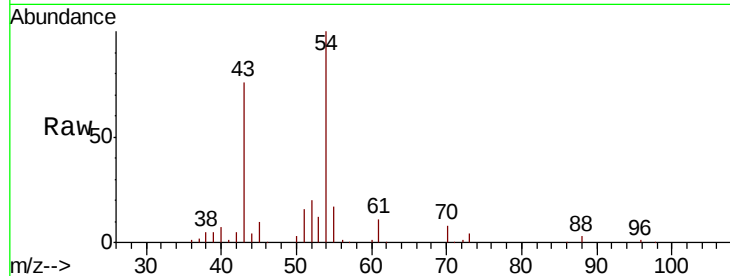




#37
Ethyl Acetate
Concen: 22.59 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

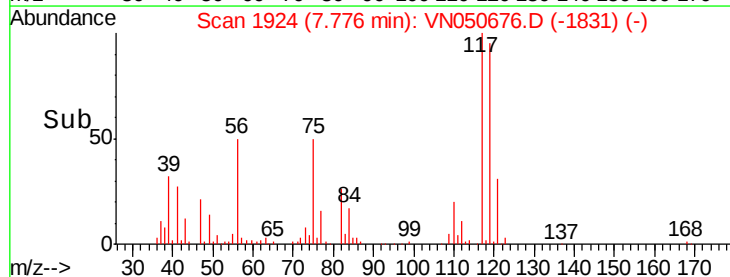
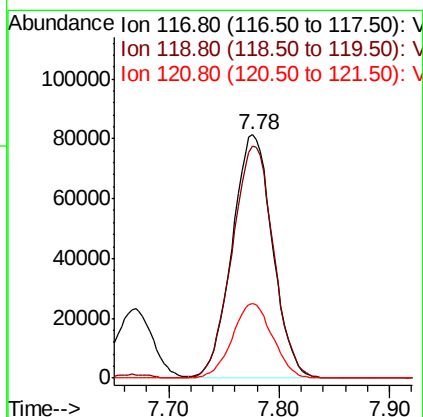
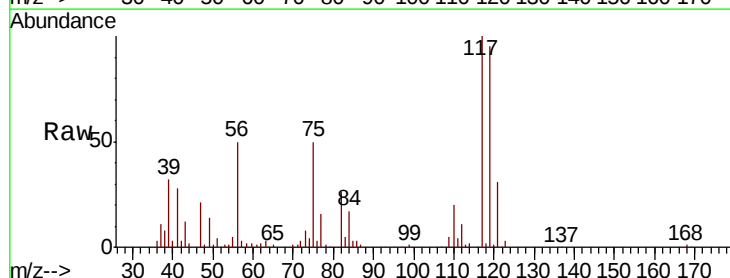
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

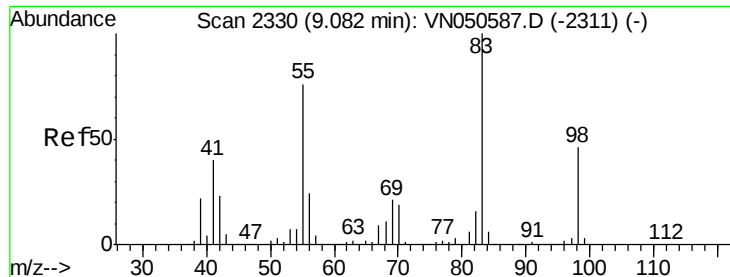
Tot Ion: 43 Resp: 129692
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.66 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 117 Resp: 207091
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0
121 30.6 25.0 37.6

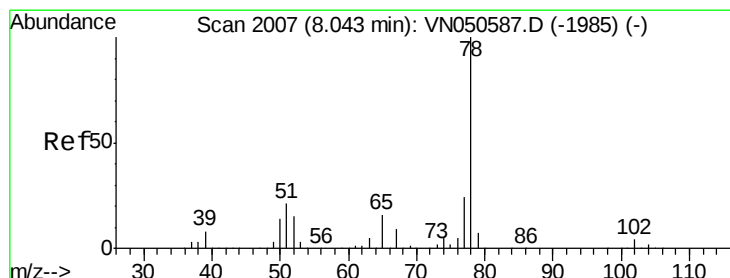
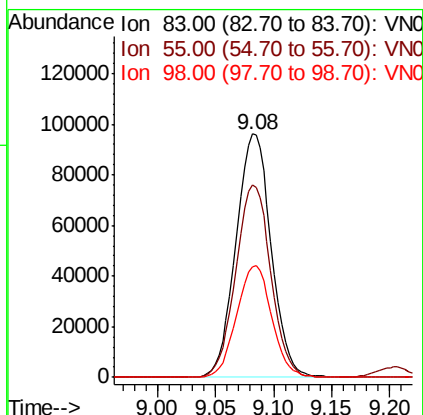
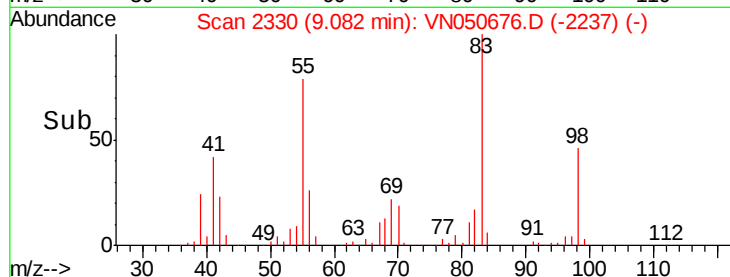
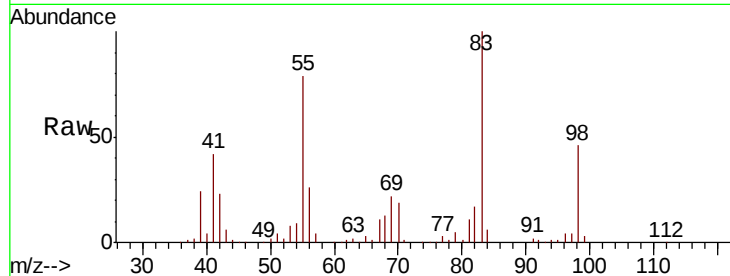




#39
Methvlcvclohexane
Concen: 19.33 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

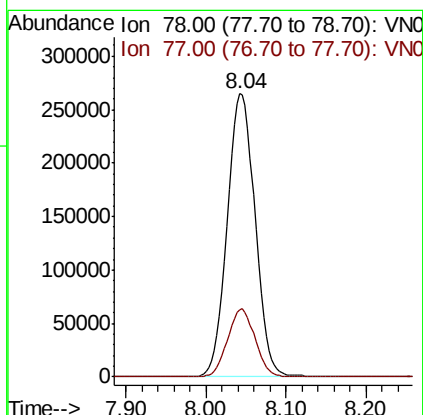
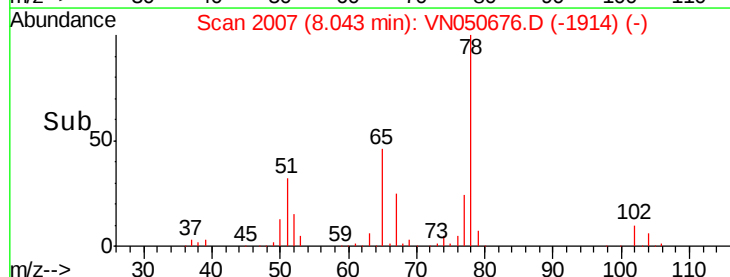
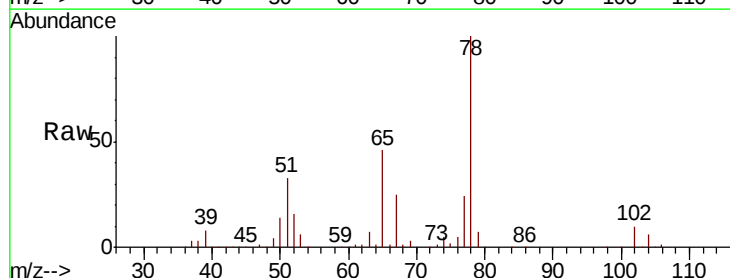
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

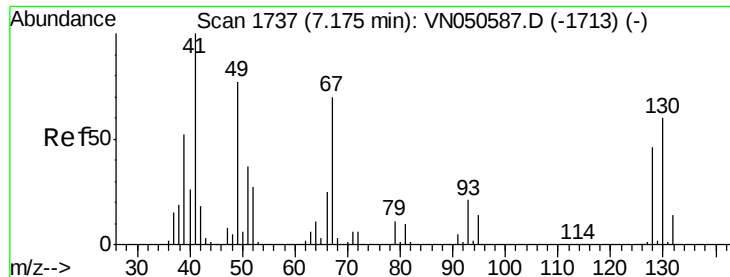
Tot Ion: 83 Resp: 203193
Ion Ratio Lower Upper
83 100
55 79.1 60.6 91.0
98 45.6 37.0 55.4



#40
Benzene
Concen: 20.33 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 78 Resp: 628045
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

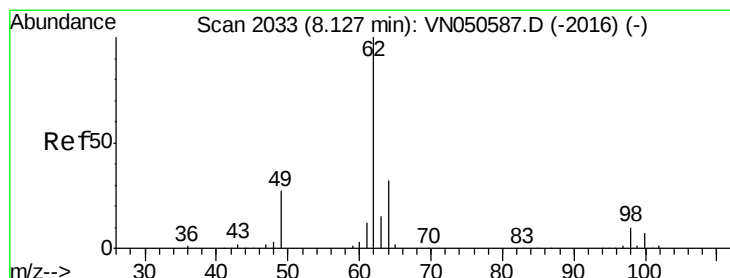
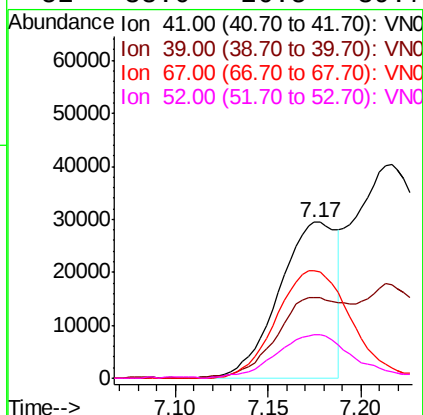
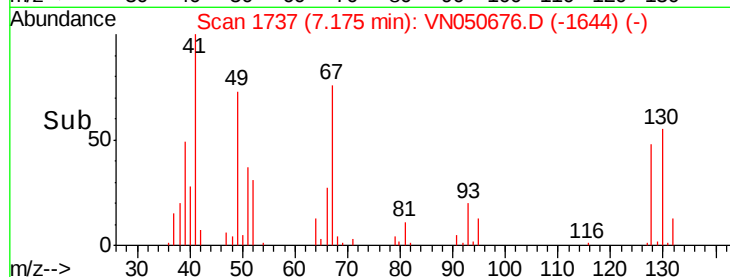
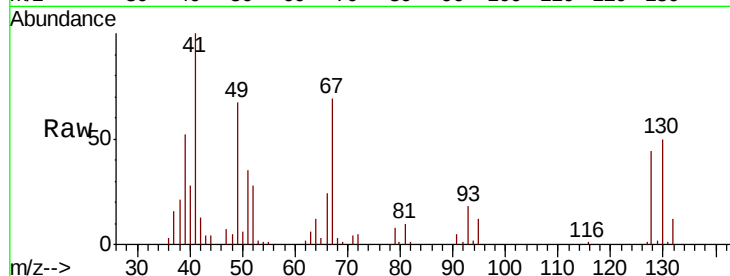




#41
Methacrylonitrile
Concen: 20.57 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

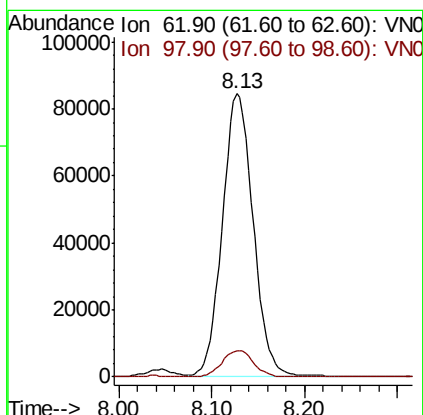
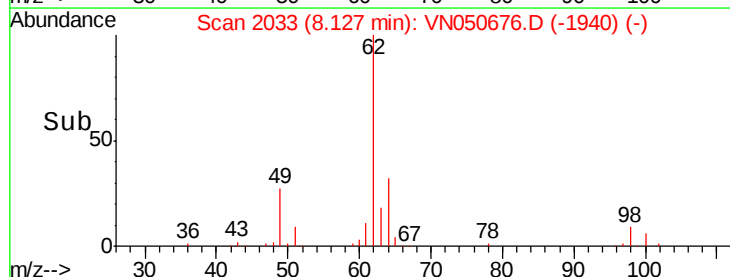
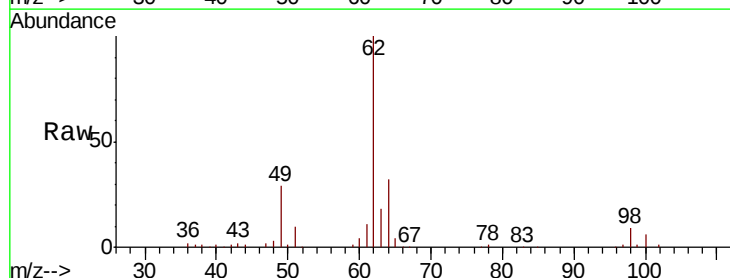
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

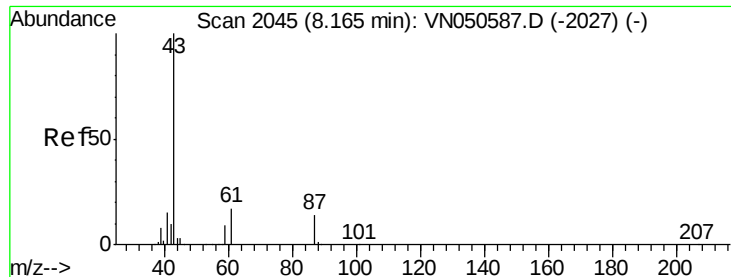
Tot Ion: 41 Resp: 63822
Ion Ratio Lower Upper
41 100
39 61.9 44.6 66.8
67 89.6 66.7 100.1
52 38.0 26.5 39.7



#42
1,2-Dichloroethane
Concen: 20.55 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 62 Resp: 194527
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4



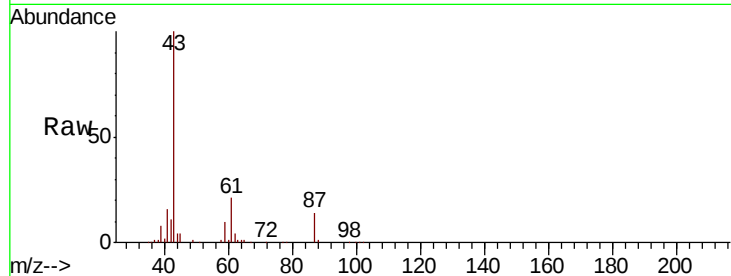


#43

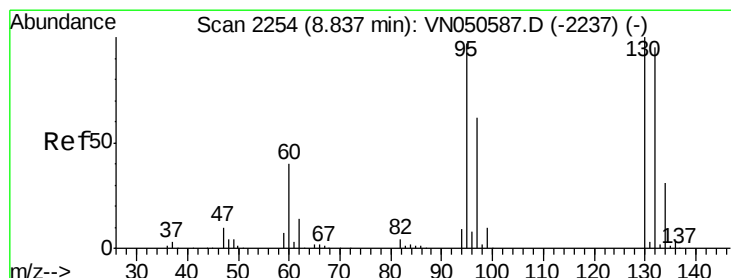
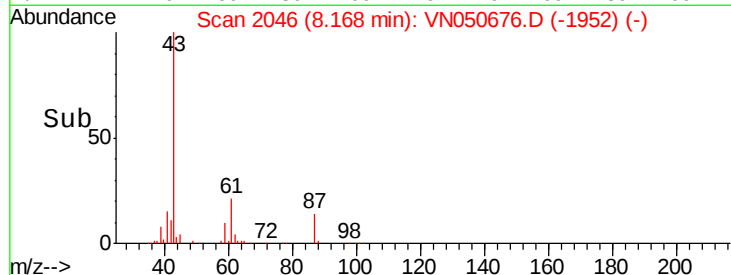
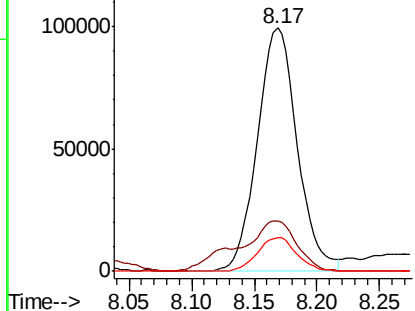
Isopropyl Acetate
 Concen: 20.97 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Instrument :
 MSVOA_N
 ClientSampled :
 VN0815WBS03

Tot Ion	43	Resp	219374
Ion Ratio	Lower	Upper	
43	100		
61	29.9	16.2	24.2#
87	13.9	10.9	16.3



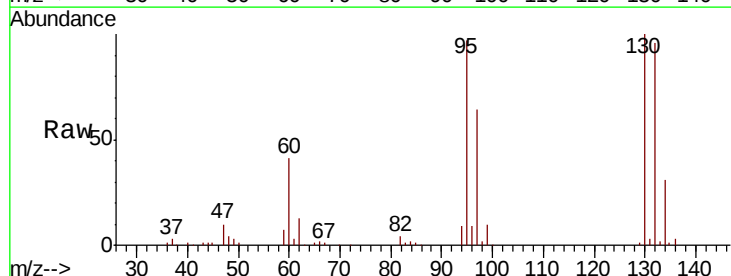
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



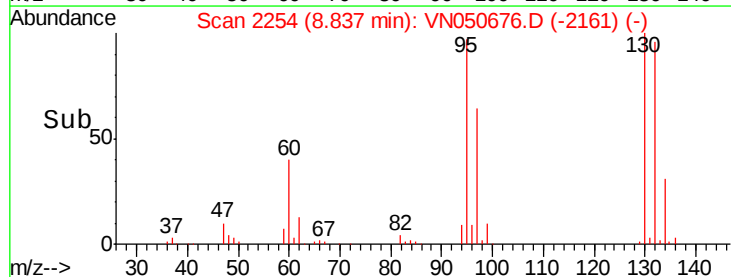
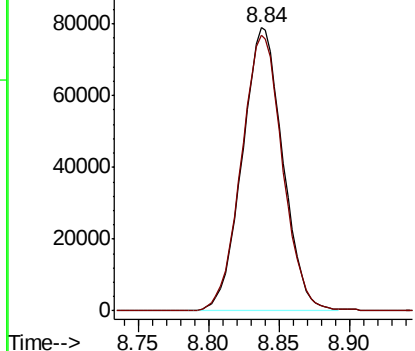
#44

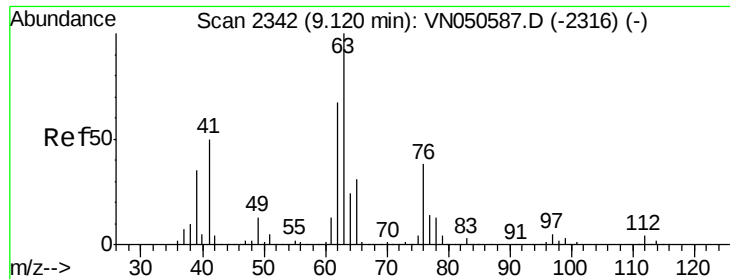
Trichloroethene
 Concen: 19.18 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion	130	Resp	158741
Ion Ratio	Lower	Upper	
130	100		
95	97.4	0.0	193.8



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





#45

1,2-Dichloropropane

Concen: 19.96 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

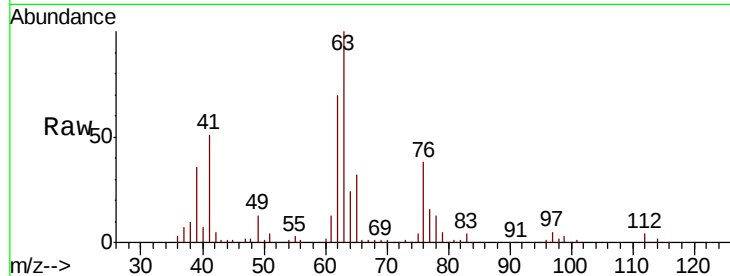
VN0815WBS03

Tot Ion: 63 Resp: 164138

Ion Ratio Lower Upper

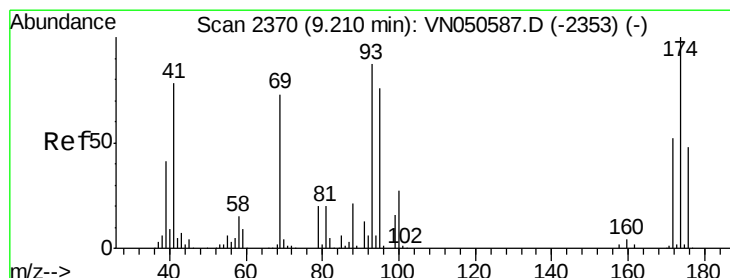
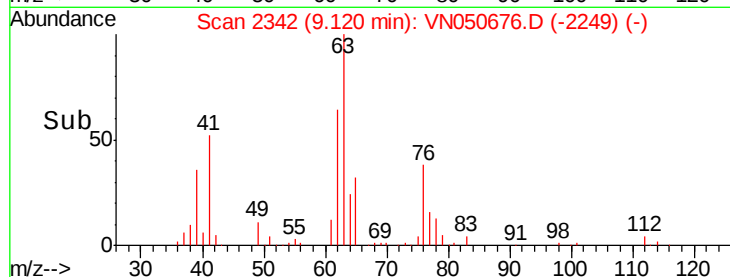
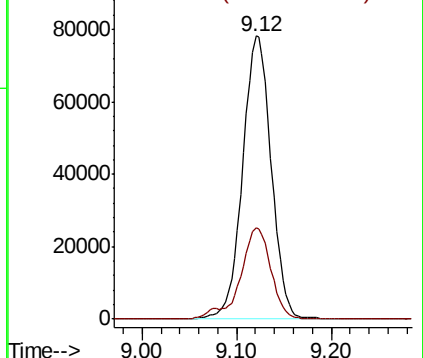
63 100

65 32.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.08 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

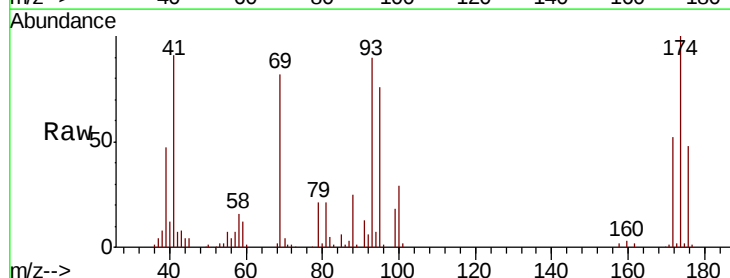
Tgt Ion: 93 Resp: 97492

Ion Ratio Lower Upper

93 100

95 84.1 69.1 103.7

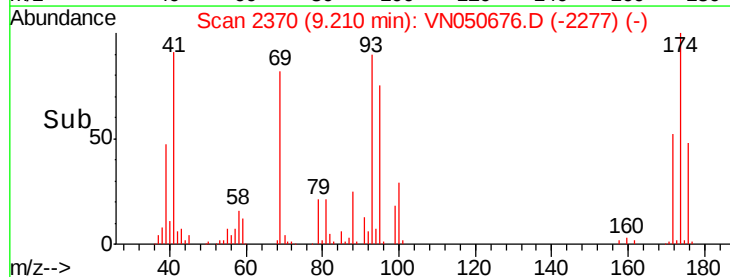
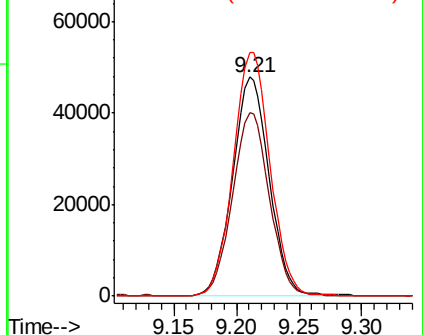
174 112.1 91.0 136.6

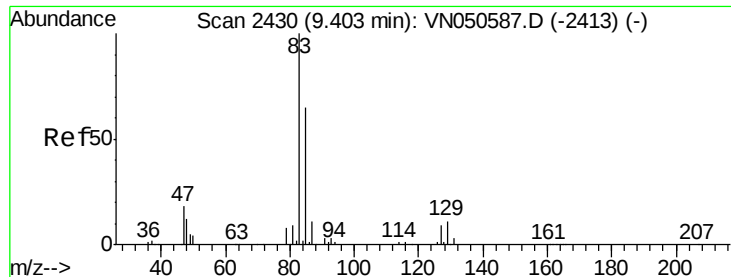


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.64 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampled :

VN0815WBS03

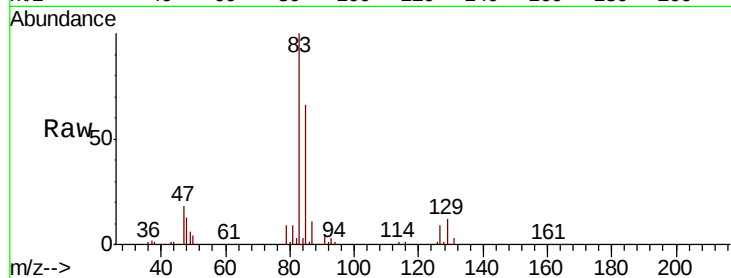
Tot Ion: 83 Resp: 203832

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

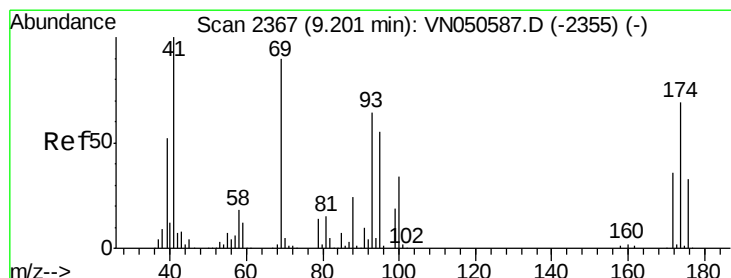
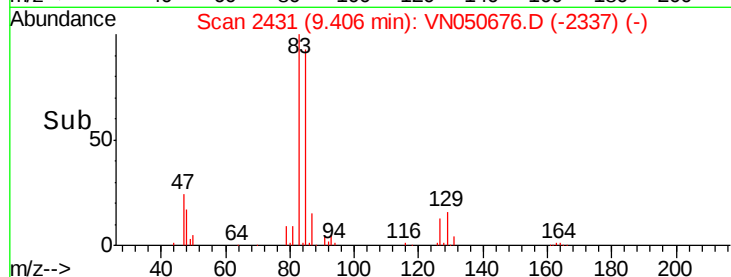
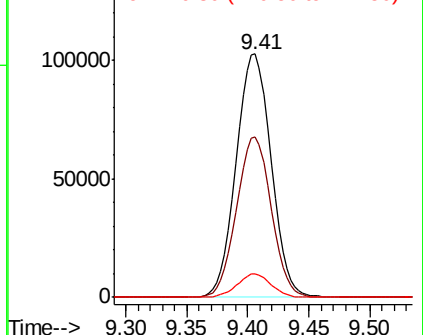
127 9.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.62 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

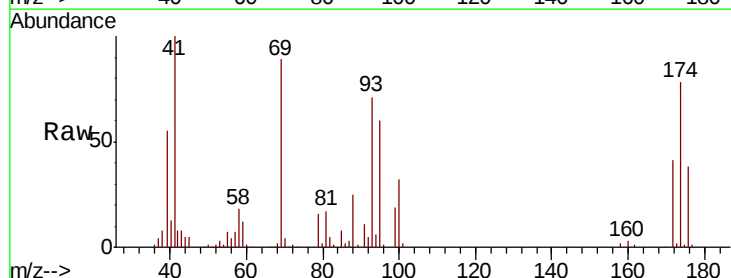
Tgt Ion: 41 Resp: 108533

Ion Ratio Lower Upper

41 100

69 91.6 73.4 110.0

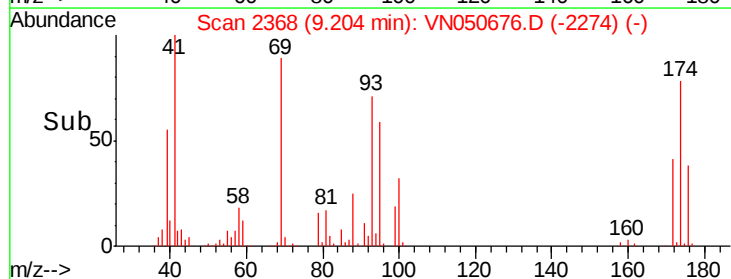
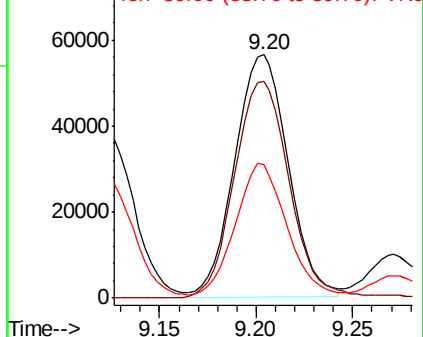
39 53.7 43.0 64.6

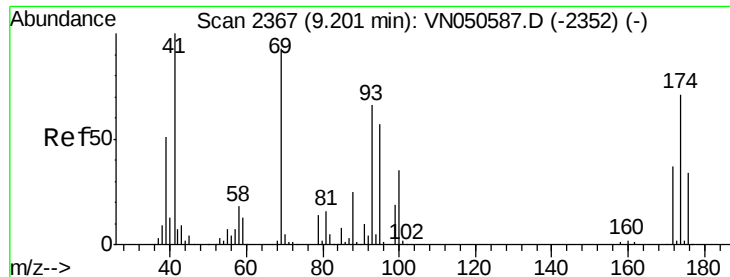


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 427.50 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

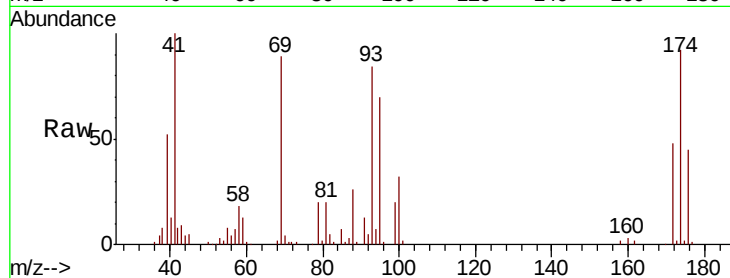
Tot Ion: 88 Resp: 29644

Ion Ratio Lower Upper

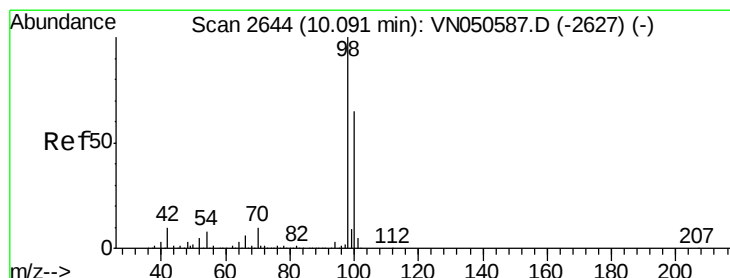
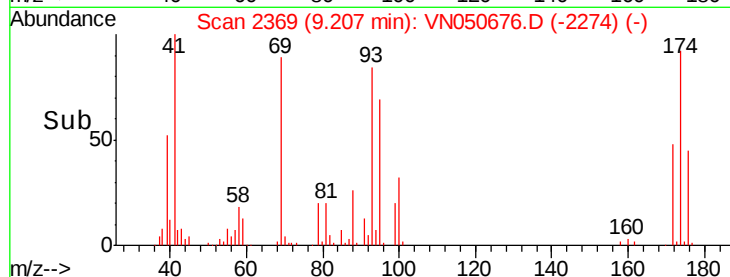
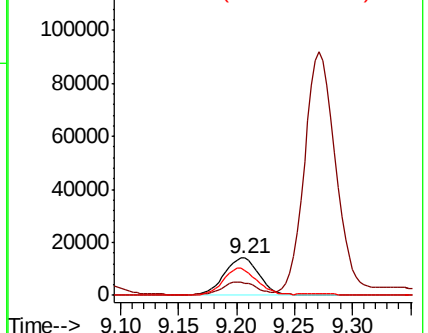
88 100

43 32.9 25.9 38.9

58 70.6 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.48 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050676.D

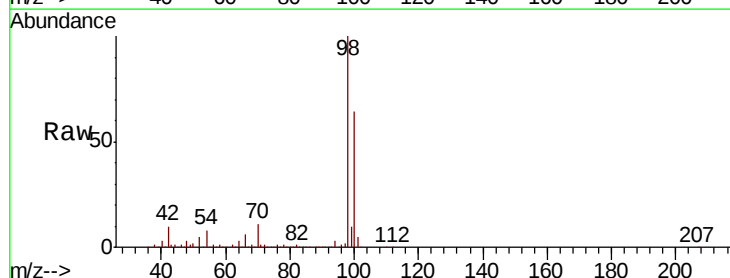
Acq: 16 Aug 2018 1:07

Tgt Ion: 98 Resp: 1383712

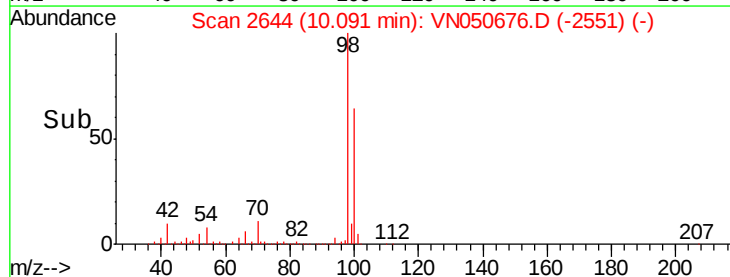
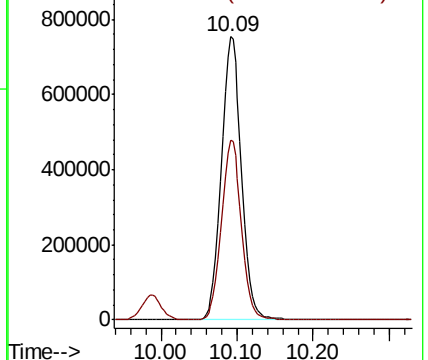
Ion Ratio Lower Upper

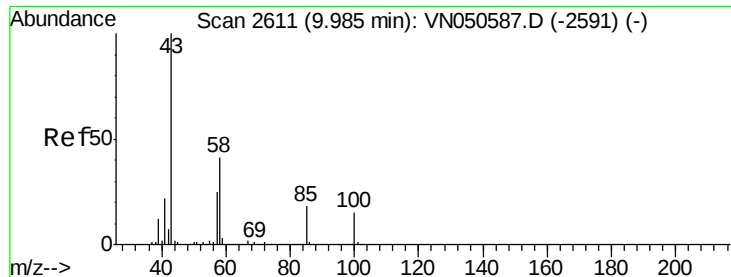
98 100

100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

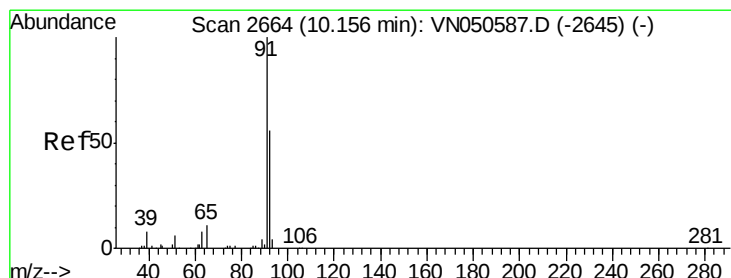
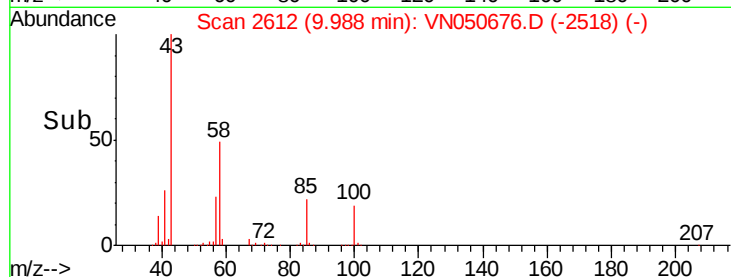
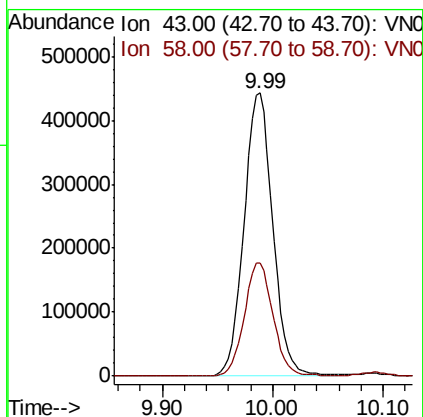
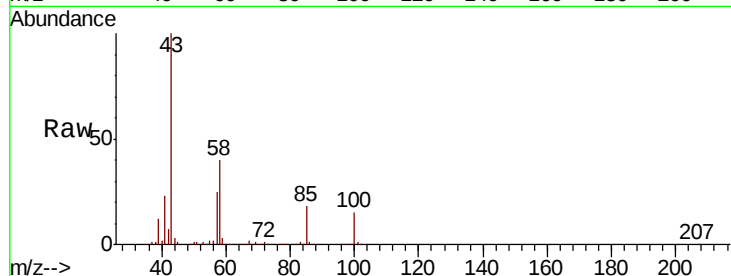




#51
 4-Methyl-2-Pentanone
 Concen: 112.77 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

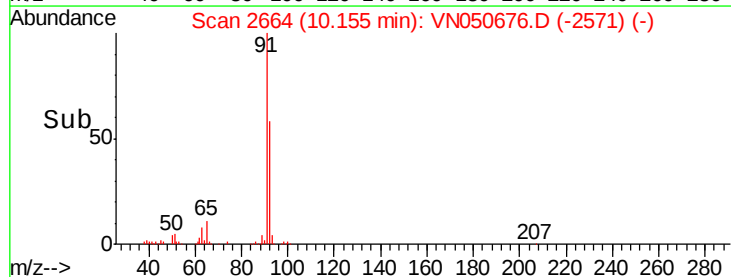
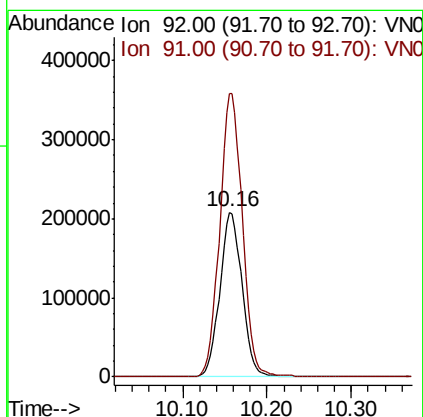
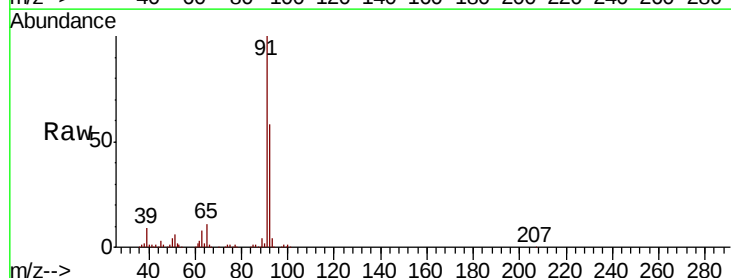
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

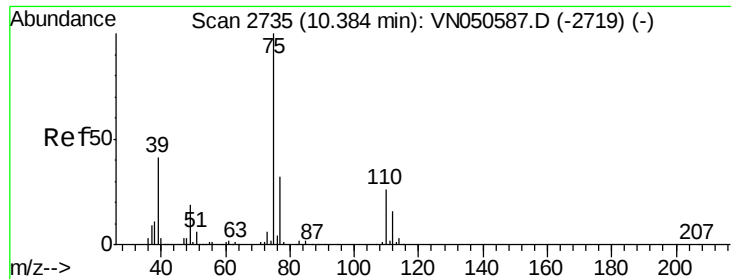
Tot Ion: 43 Resp: 797808
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.5 48.7



#52
 Toluene
 Concen: 20.65 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion: 92 Resp: 380805
 Ion Ratio Lower Upper
 92 100
 91 175.1 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 19.11 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

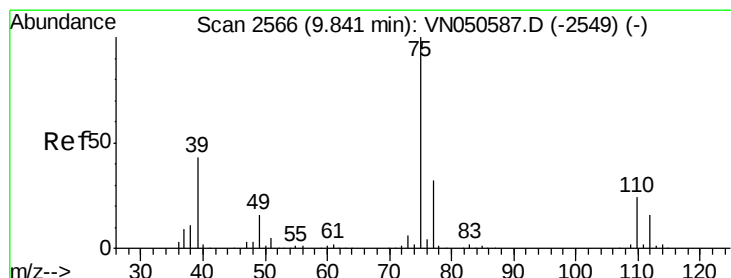
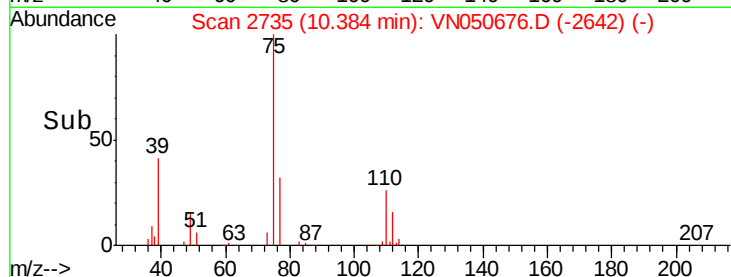
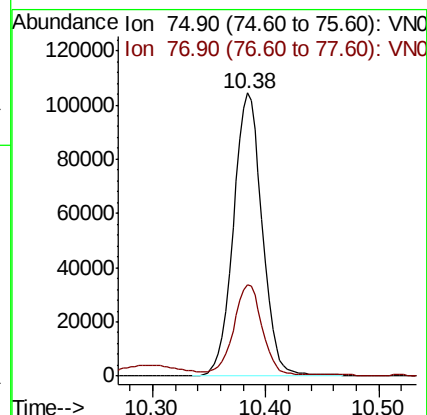
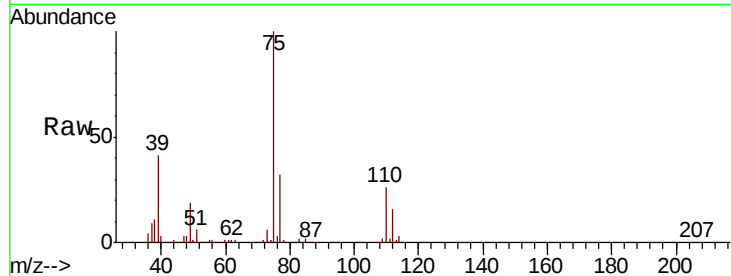
VN0815WBS03

Tot Ion: 75 Resp: 184799

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.67 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

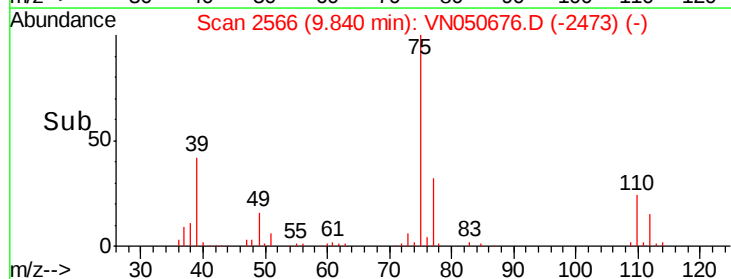
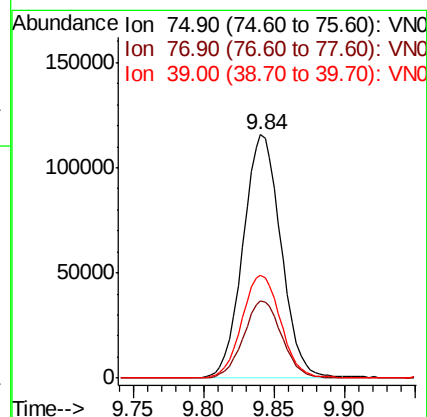
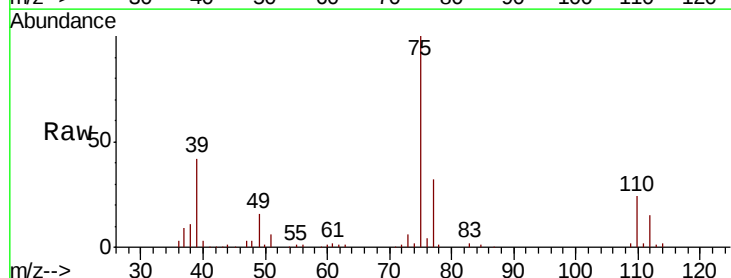
Tgt Ion: 75 Resp: 218142

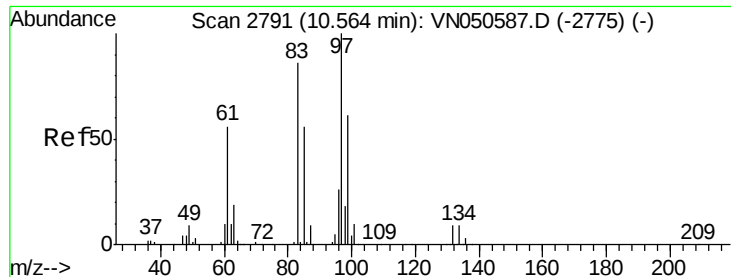
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 42.2 34.4 51.6

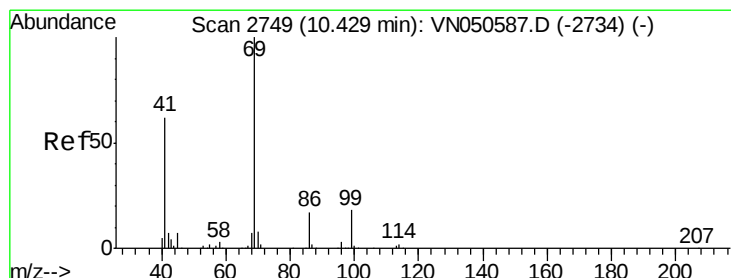
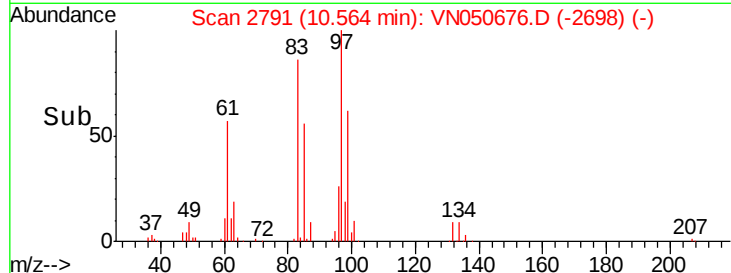
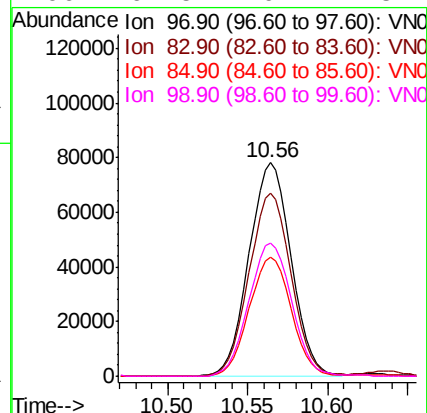
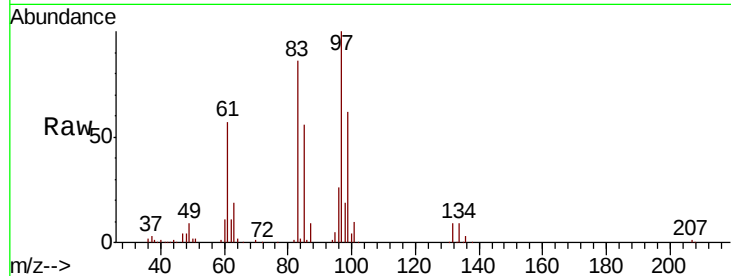




#55
 1,1,2-Trichloroethane
 Concen: 20.50 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

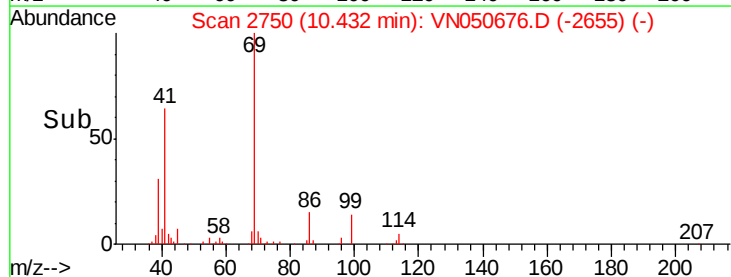
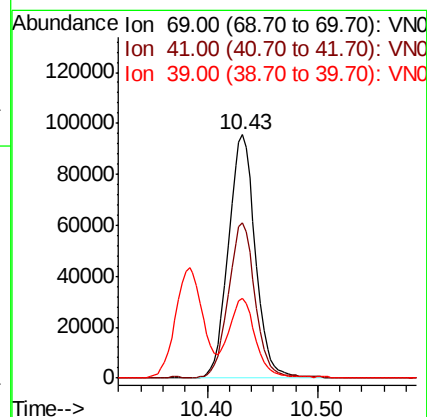
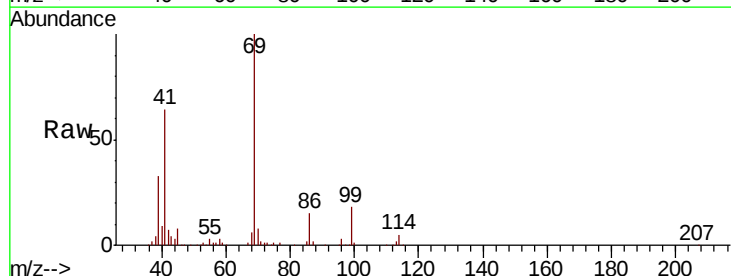
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

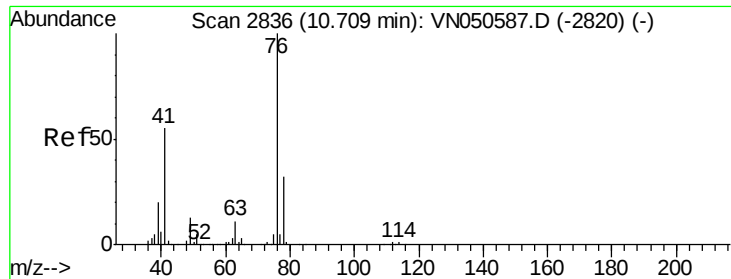
Tot Ion	97	Resp	141273
Ion Ratio	Lower	Upper	
97	100		
83	85.8	68.5	102.7
85	55.6	44.6	66.8
99	62.5	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 19.67 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion	69	Resp	162335
Ion Ratio	Lower	Upper	
69	100		
41	62.7	49.7	74.5
39	32.0	24.2	36.2

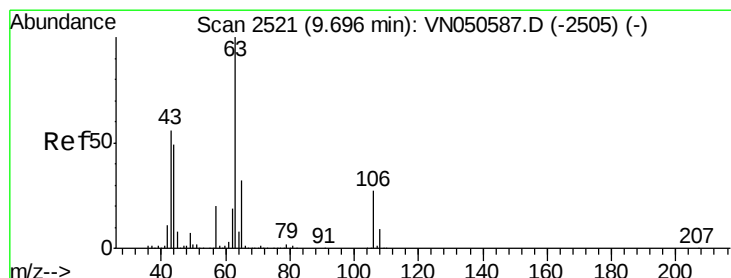
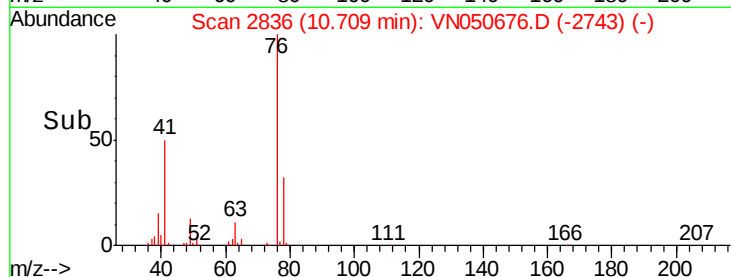
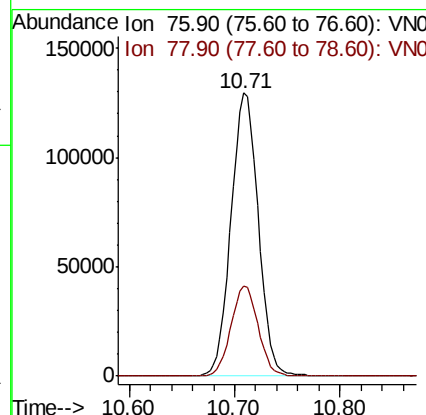
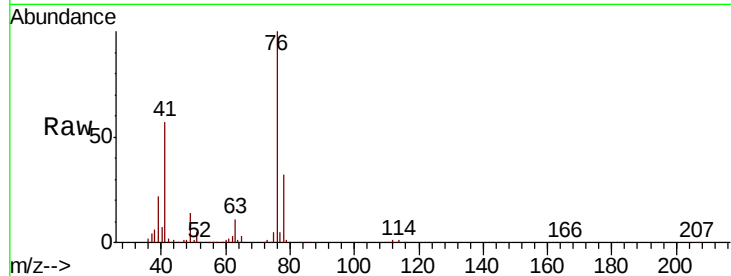




#57
 1,3-Dichloropropane
 Concen: 20.51 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

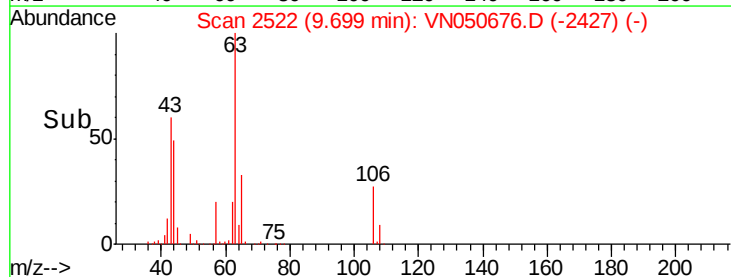
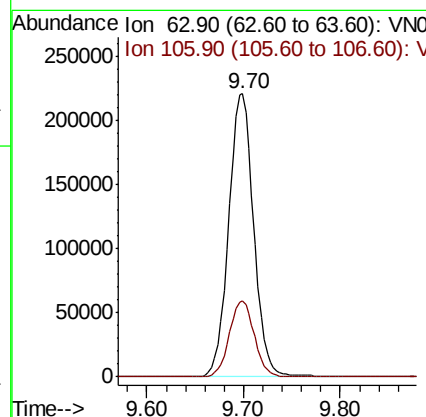
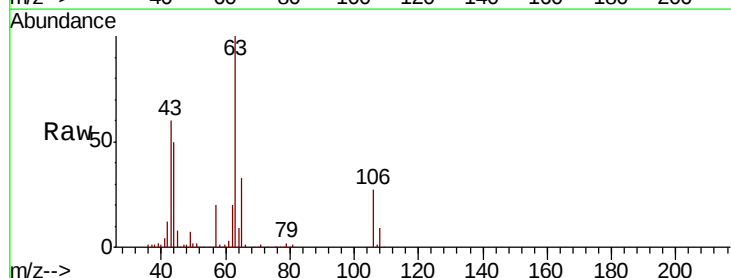
Instrument :
 MSVOA_N
 ClientSampled :
 VN0815WBS03

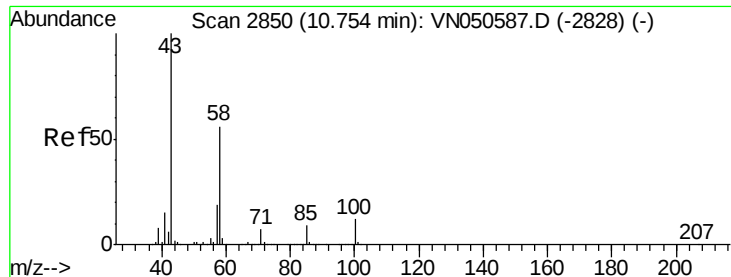
Tot Ion: 76 Resp: 231695
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.63 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion: 63 Resp: 396383
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.7 32.5

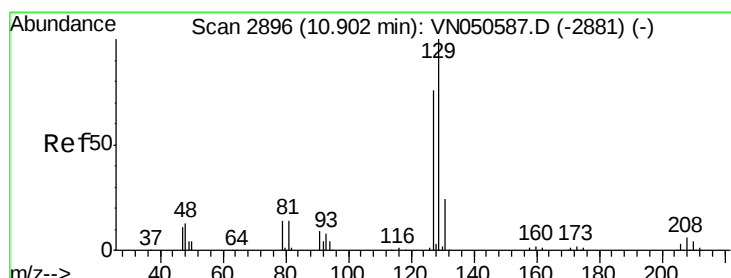
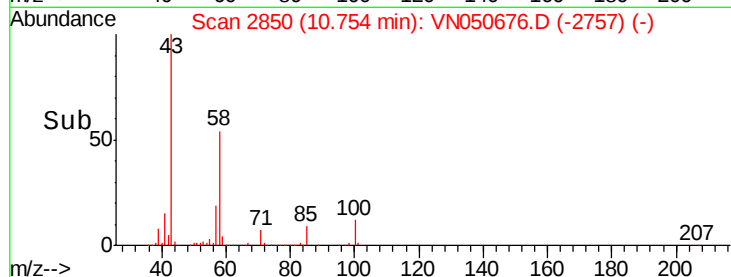
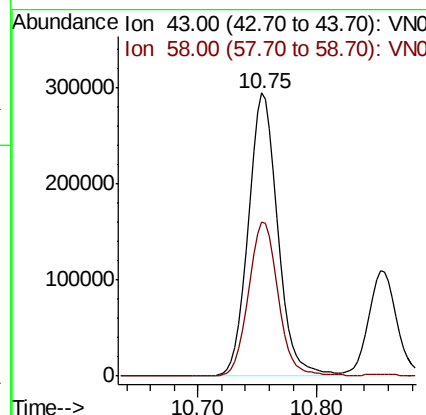
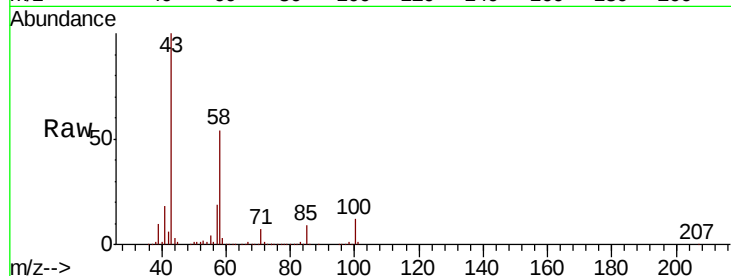




#59
2-Hexanone
Concen: 110.41 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

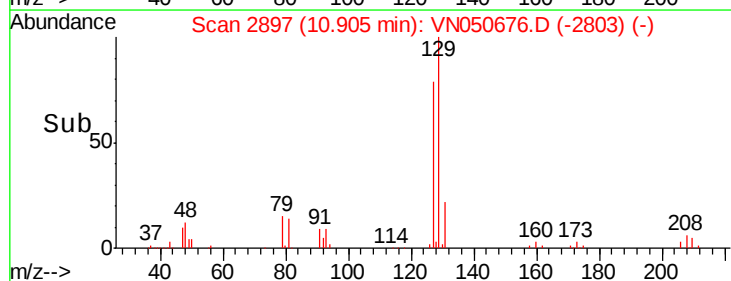
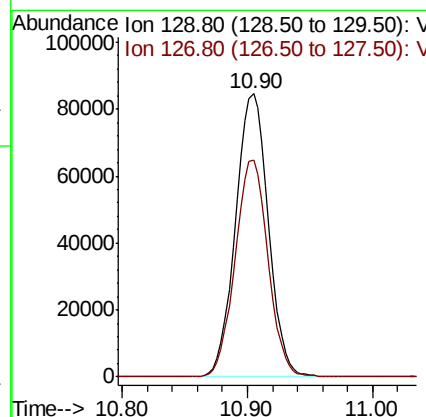
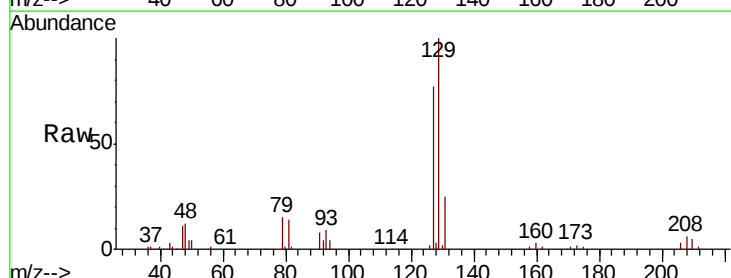
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

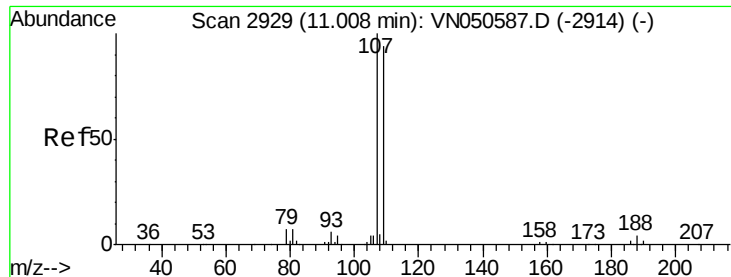
Tot Ion: 43 Resp: 504165
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0



#60
Dibromochloromethane
Concen: 20.23 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 129 Resp: 153832
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.49 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

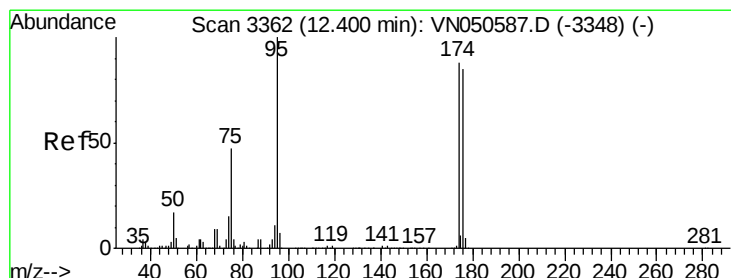
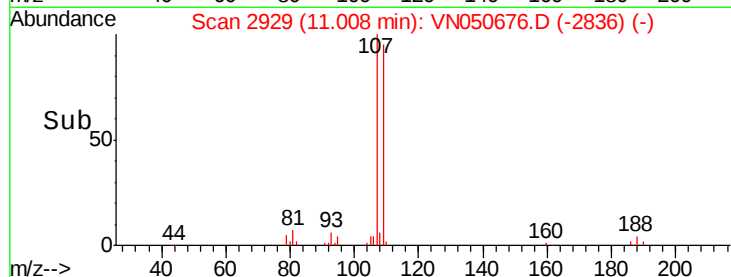
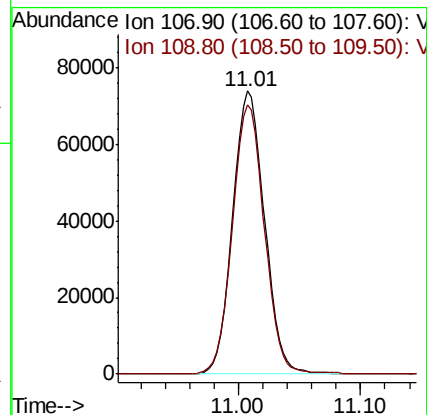
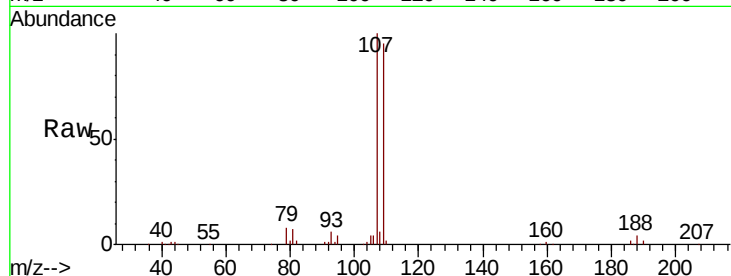
VN0815WBS03

Tot Ion:107 Resp: 134441

Ion Ratio Lower Upper

107 100

109 95.5 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 47.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

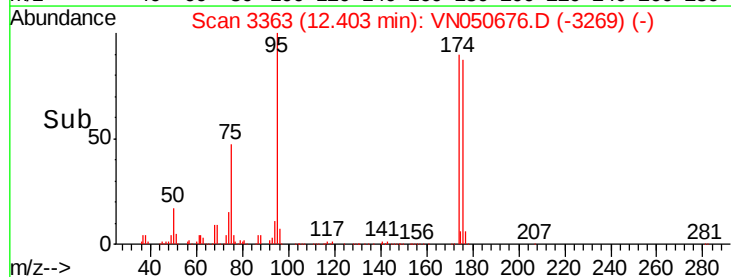
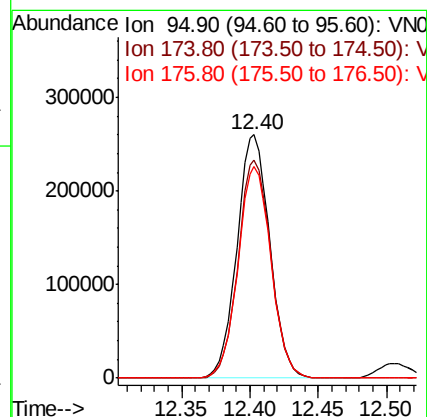
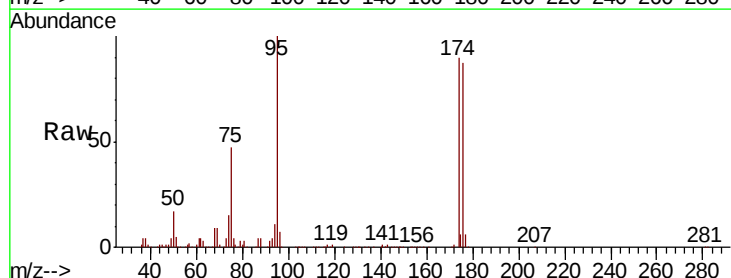
Tgt Ion: 95 Resp: 434175

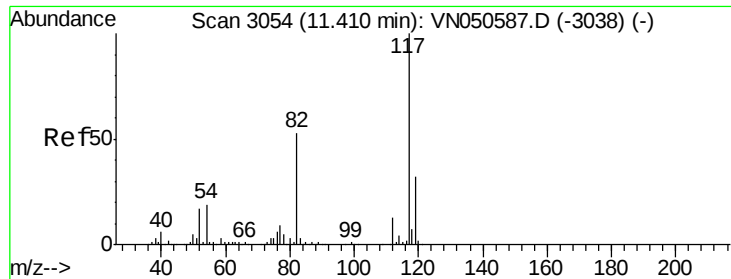
Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.8

176 87.2 0.0 175.0

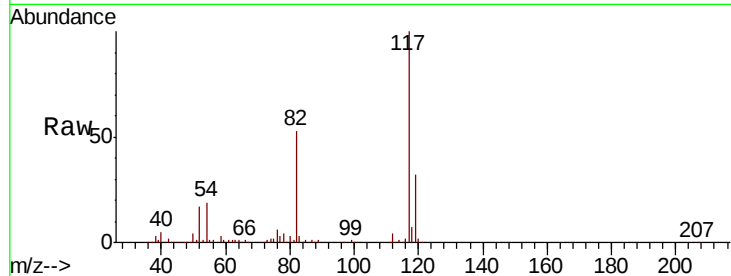




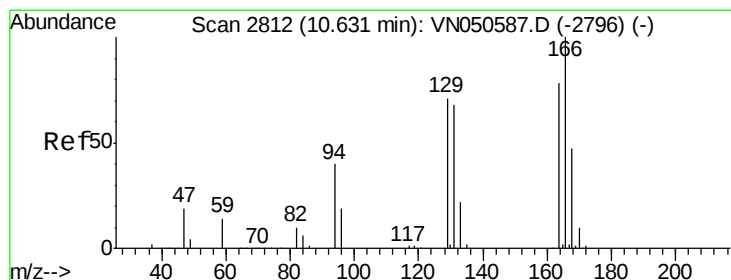
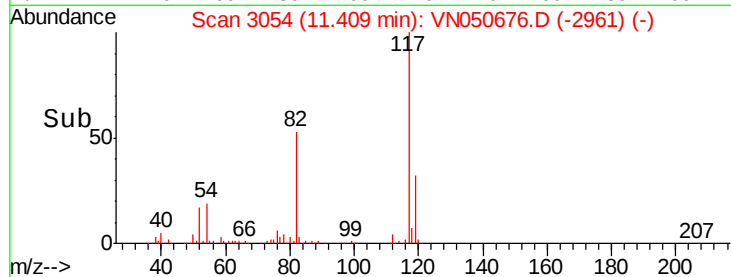
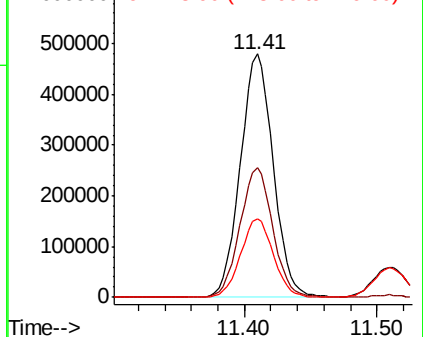
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

Tot Ion:117 Resp: 826462
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.5 25.8 38.8

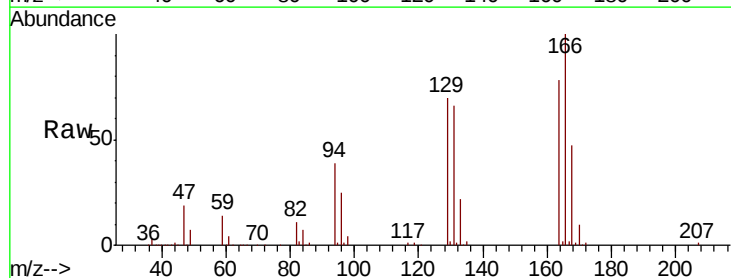


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

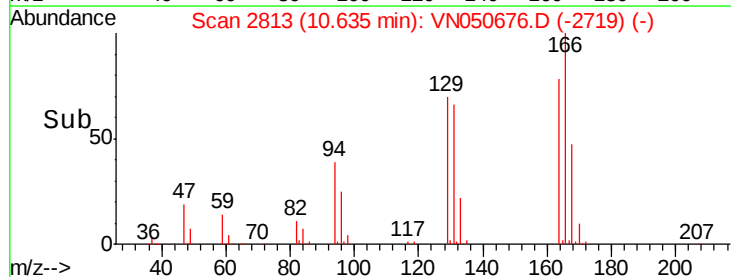
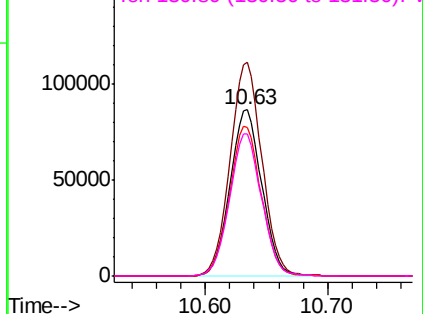


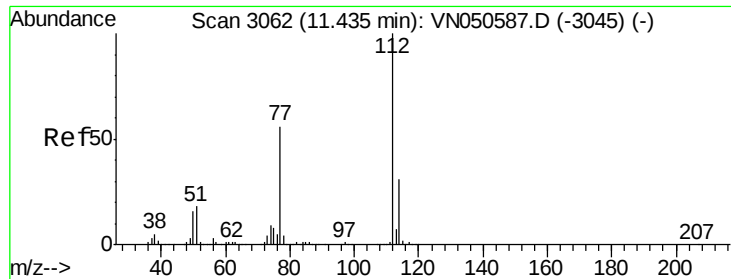
#64
Tetrachloroethene
Concen: 20.48 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion:164 Resp: 157169
Ion Ratio Lower Upper
164 100
166 128.7 102.1 153.1
129 89.6 72.7 109.1
131 85.3 69.9 104.9



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: 19.63 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampled :

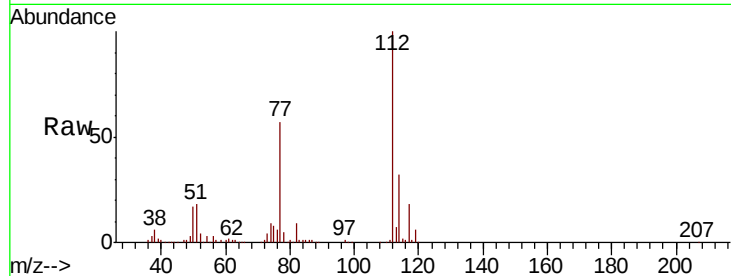
VN0815WBS03

Tot Ion:112 Resp: 403712

Ion Ratio Lower Upper

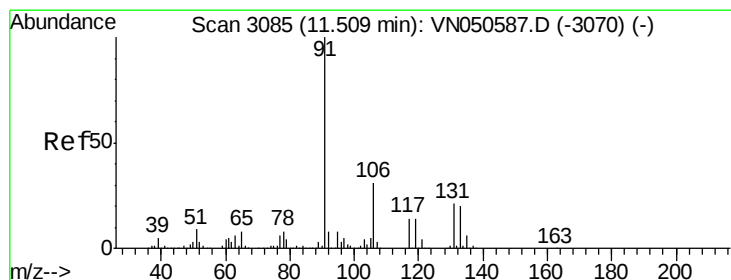
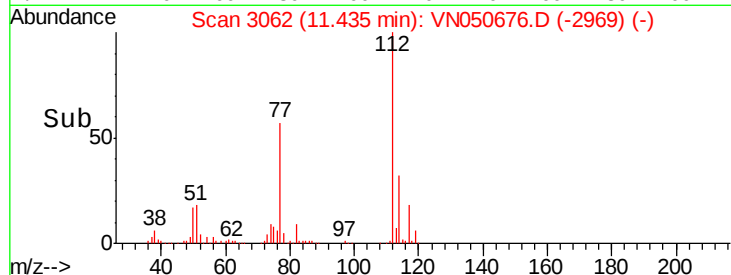
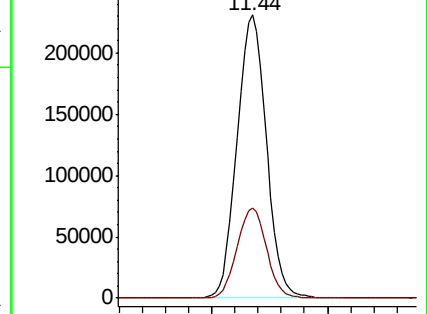
112 100

114 31.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.67 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

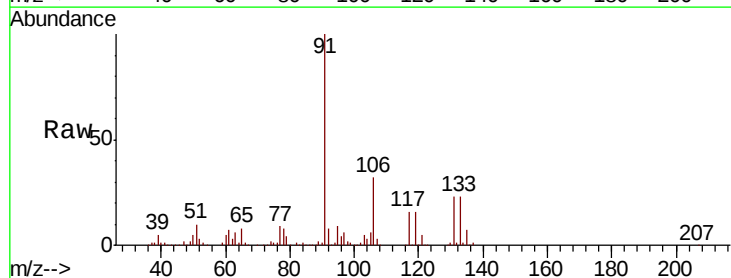
Tgt Ion:131 Resp: 151680

Ion Ratio Lower Upper

131 100

133 96.3 47.6 142.9

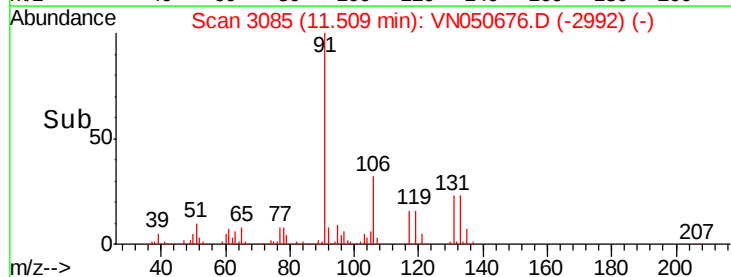
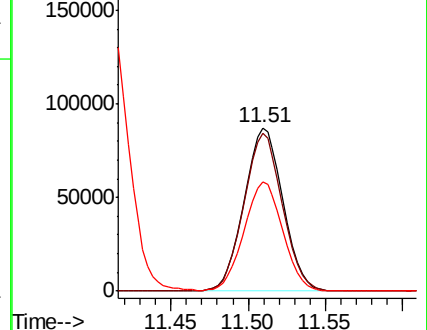
119 66.8 33.1 99.3

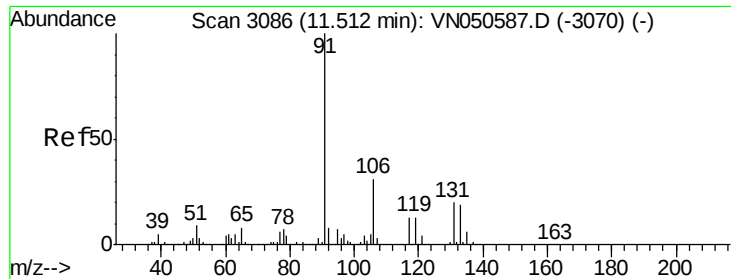


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.88 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

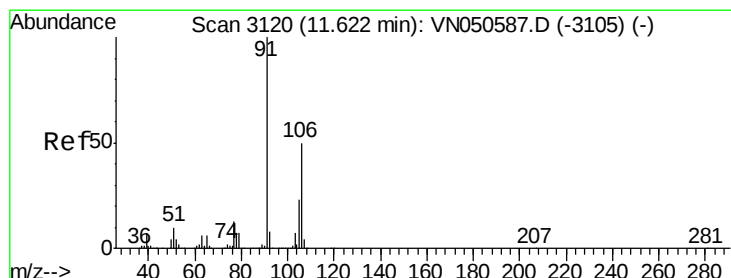
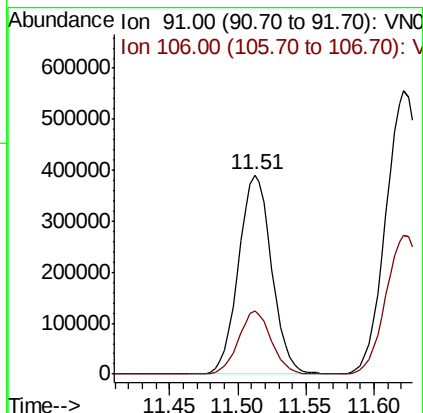
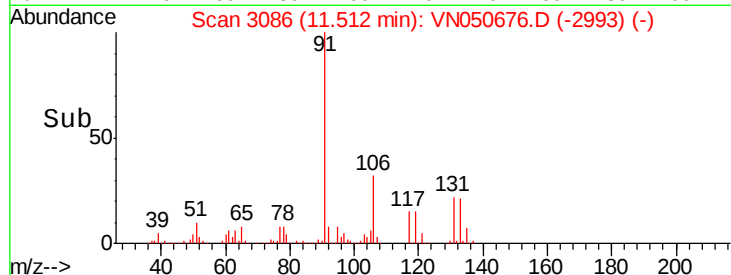
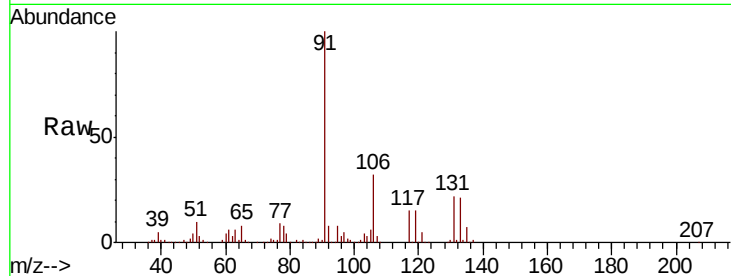
VN0815WBS03

Tot Ion: 91 Resp: 660119

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 41.02 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050676.D

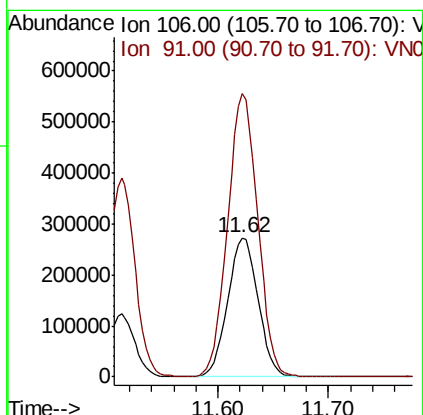
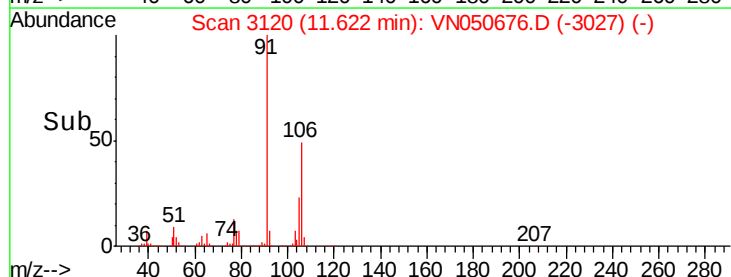
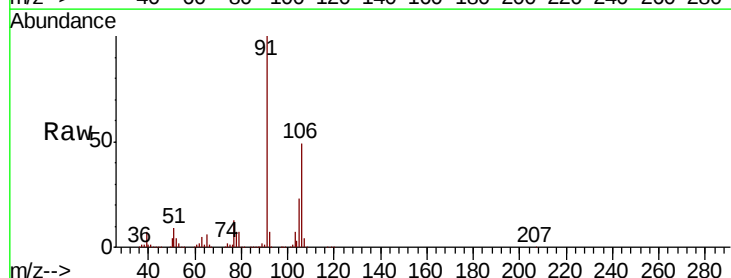
Acq: 16 Aug 2018 1:07

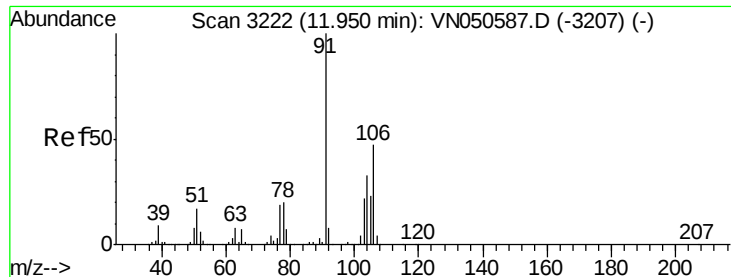
Tgt Ion: 106 Resp: 520990

Ion Ratio Lower Upper

106 100

91 202.0 161.5 242.3

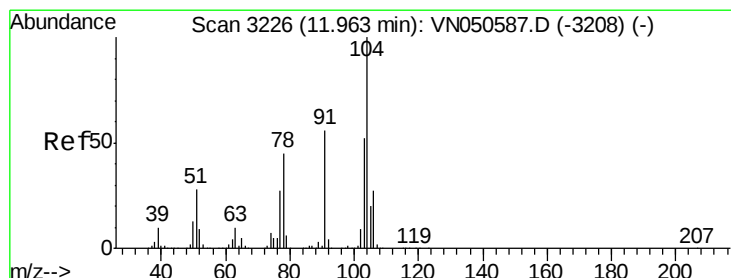
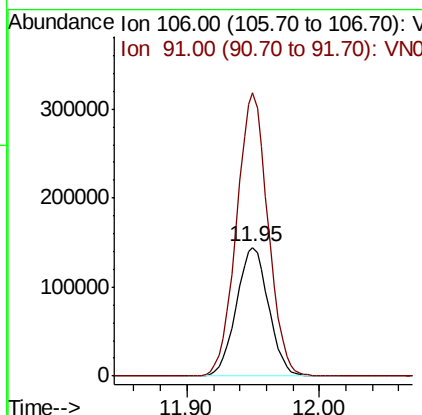
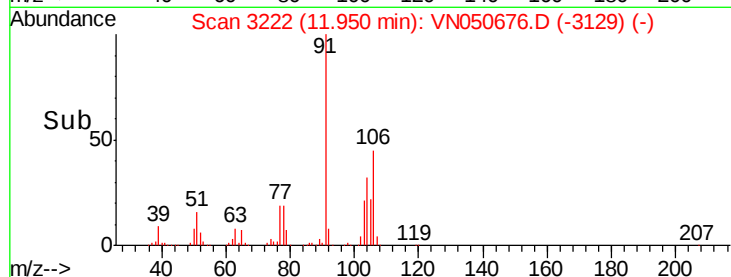
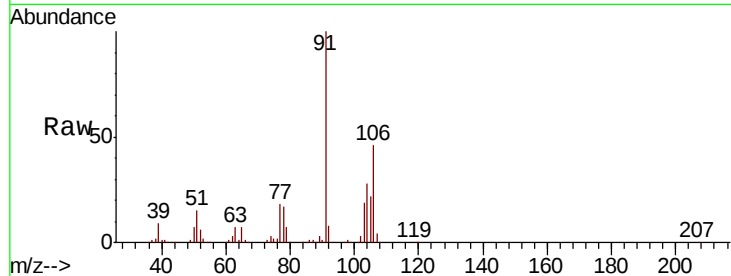




#69
o-Xylene
Concen: 20.09 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

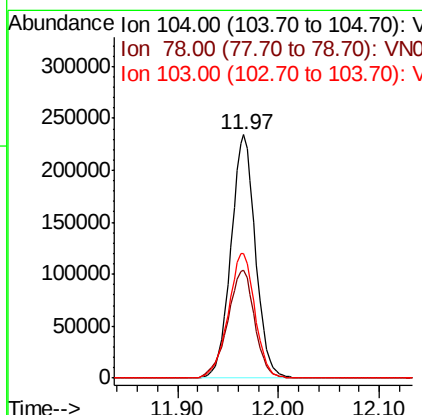
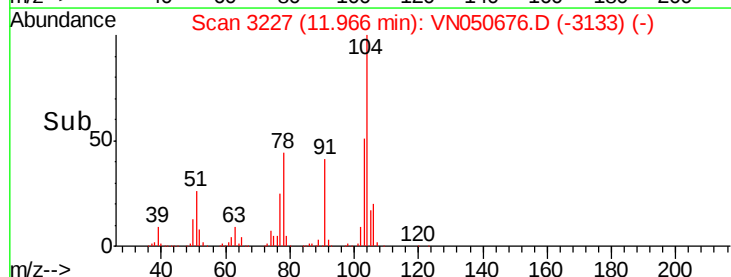
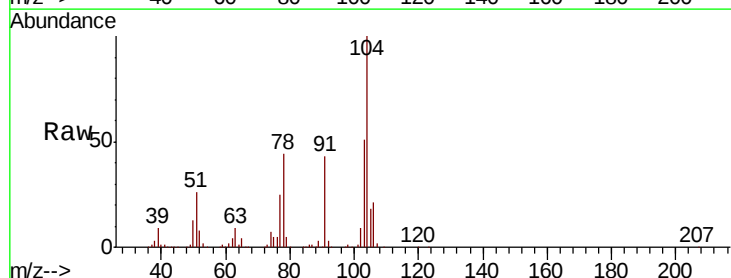
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

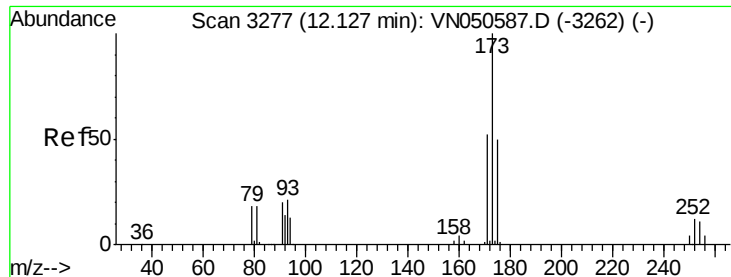
Tot Ion:106 Resp: 243307
Ion Ratio Lower Upper
106 100
91 215.6 106.8 320.4



#70
Styrene
Concen: 18.97 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion:104 Resp: 395891
Ion Ratio Lower Upper
104 100
78 49.0 39.1 58.7
103 56.1 44.9 67.3

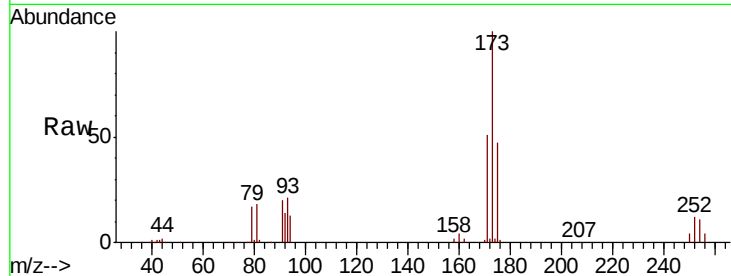




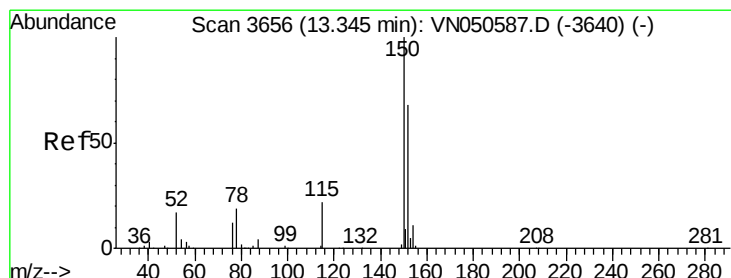
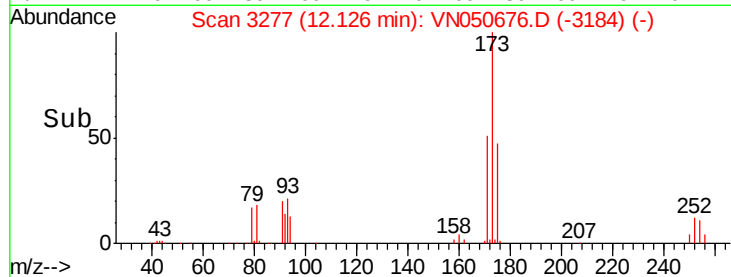
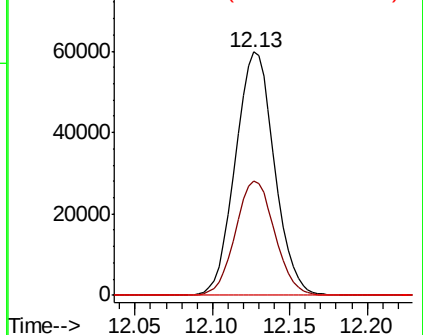
#71
 Bromoform
 Concen: 20.50 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.4	73.2
254	0.0	0.0	0.0

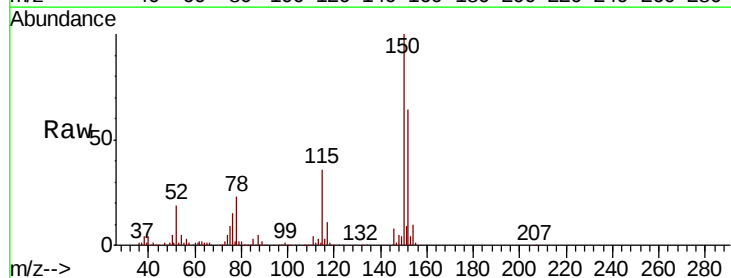


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

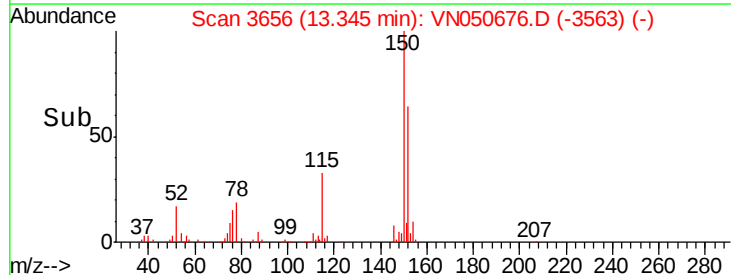
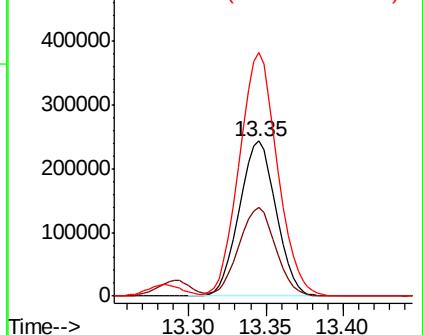


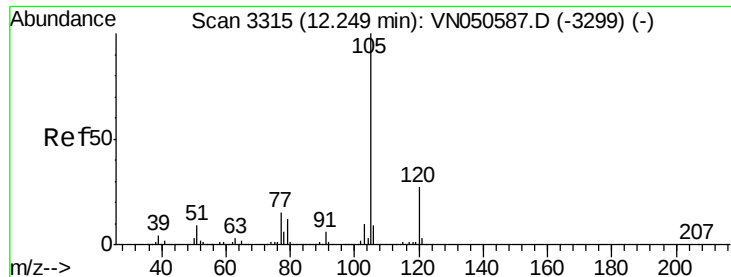
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.1	84.2
150	162.4	0.0	347.8



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





#73

Isopropylbenzene

Concen: 20.56 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

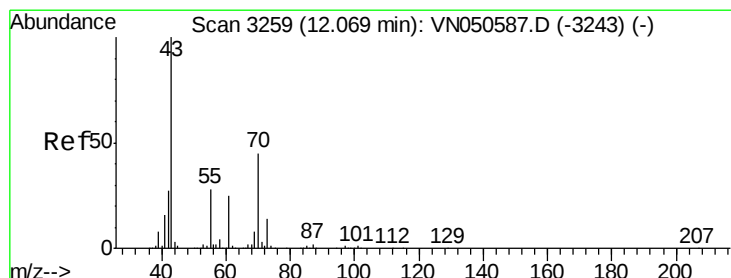
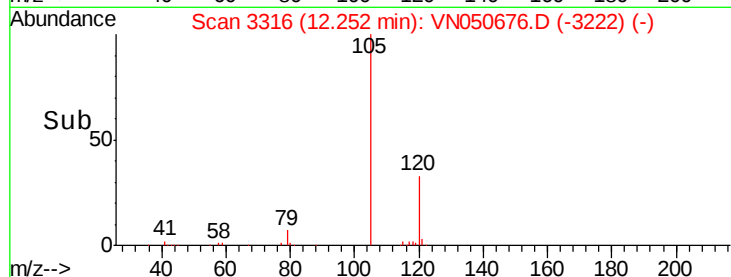
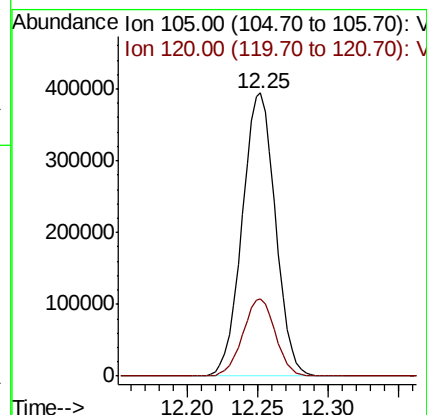
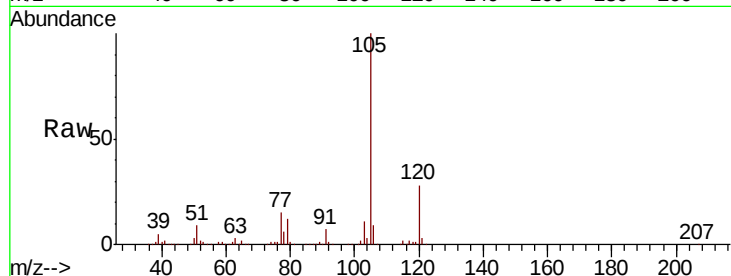
VN0815WBS03

Tot Ion:105 Resp: 650131

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 20.88 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Tgt Ion: 43 Resp: 171794

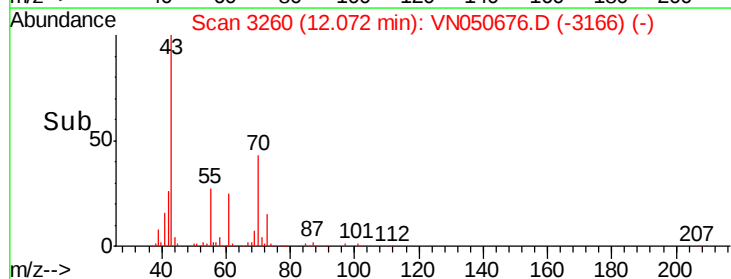
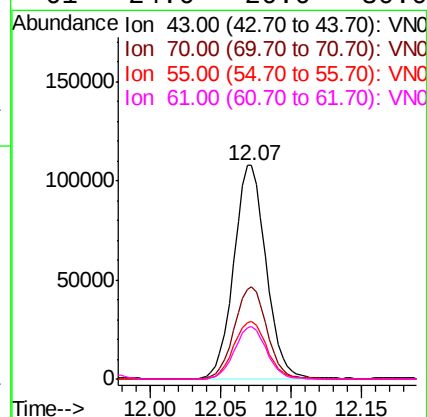
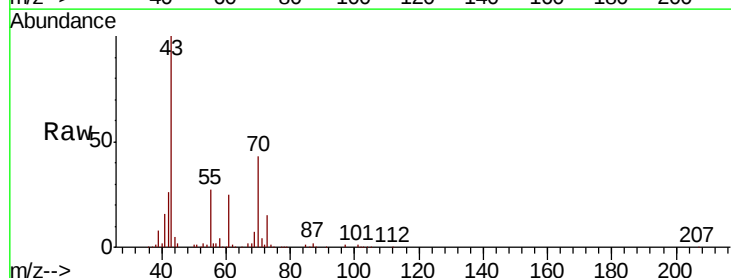
Ion Ratio Lower Upper

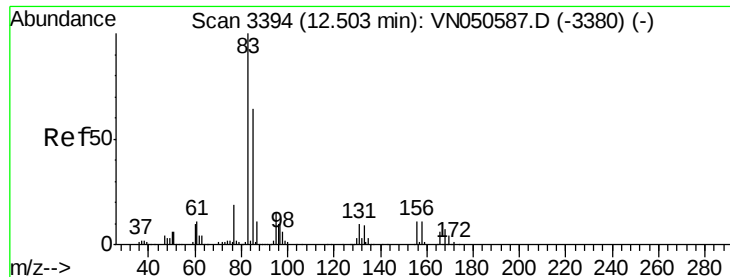
43 100

70 43.8 35.9 53.9

55 27.9 22.2 33.4

61 24.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.64 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampled :

VN0815WBS03

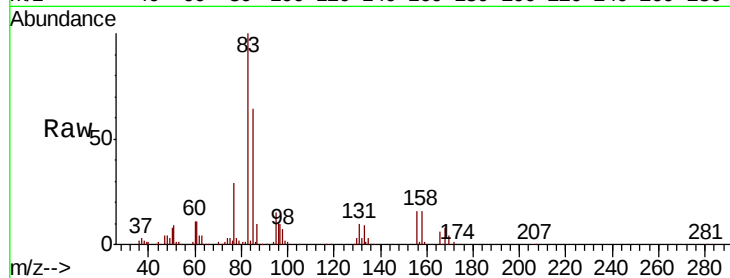
Tot Ion: 83 Resp: 175573

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

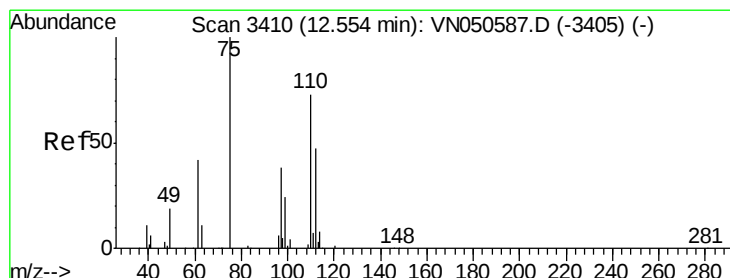
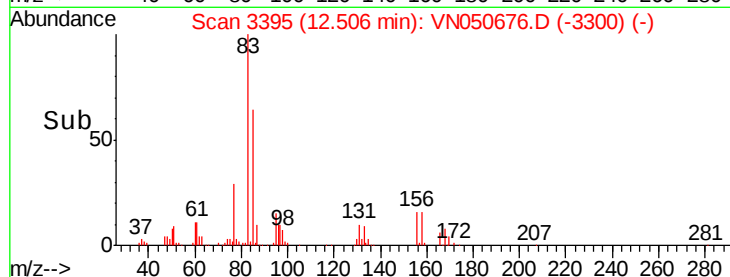
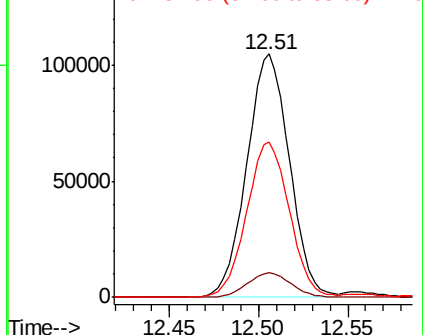
85 63.8 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.63 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050676.D

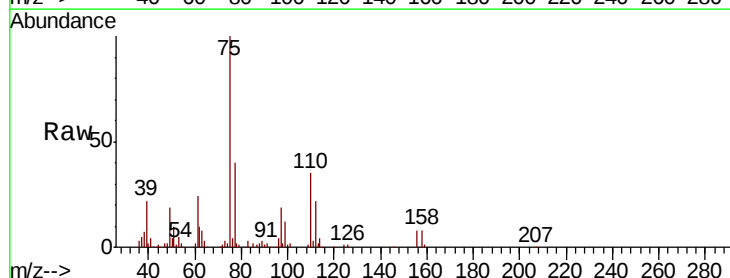
Acq: 16 Aug 2018 1:07

Tgt Ion: 75 Resp: 196525

Ion Ratio Lower Upper

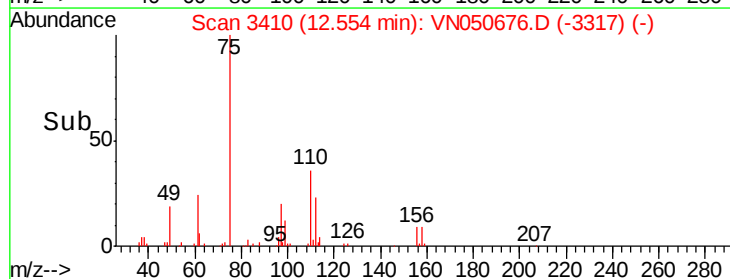
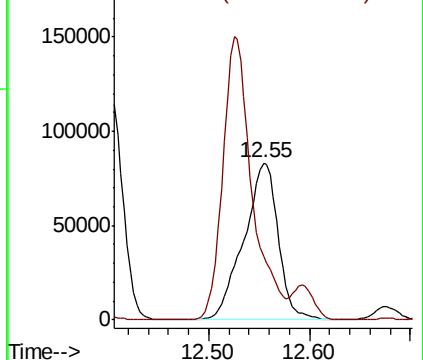
75 100

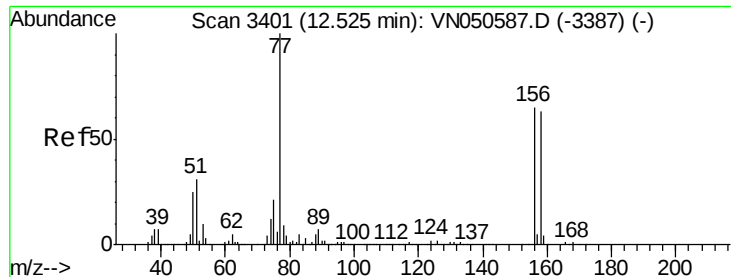
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

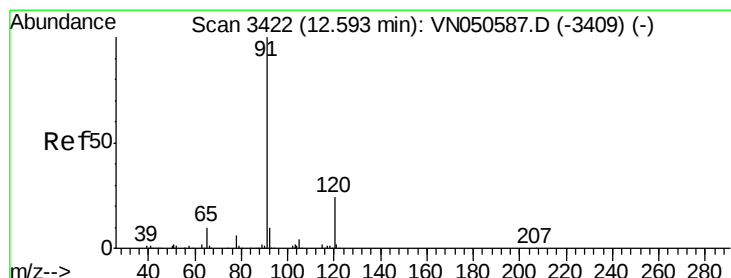
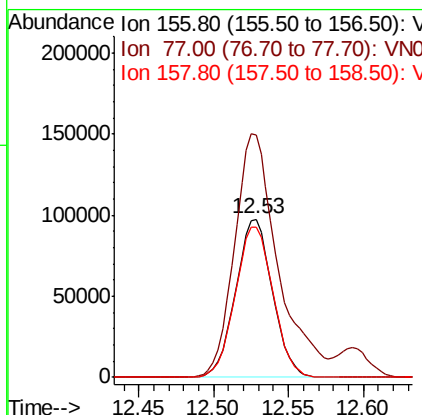
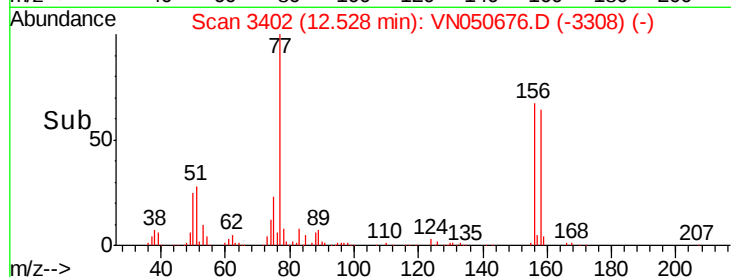
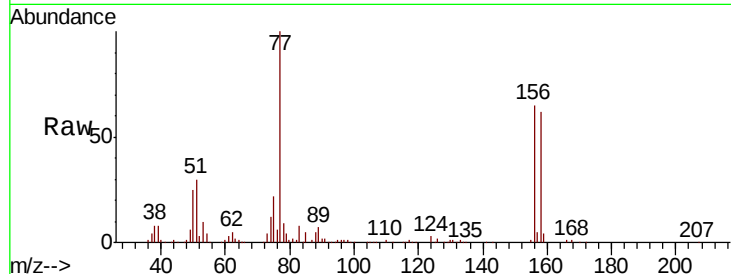




#77
Bromobenzene
Concen: 19.40 ug/l
RT: 12.53 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

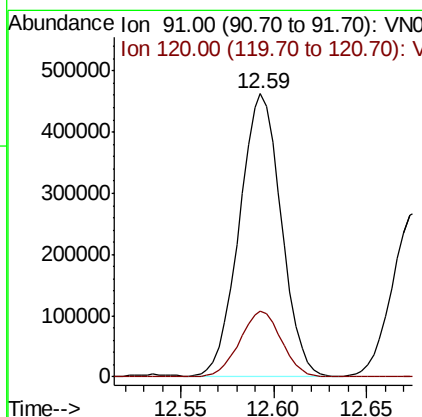
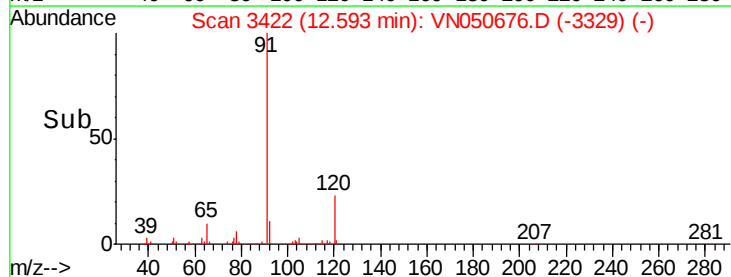
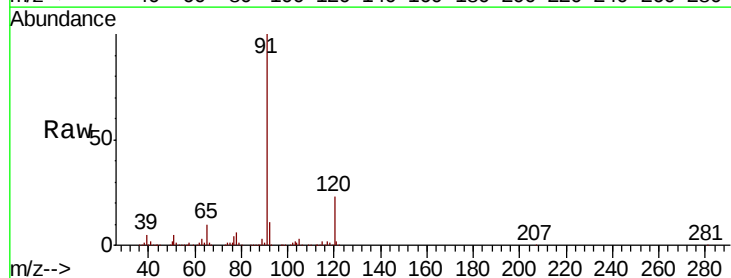
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

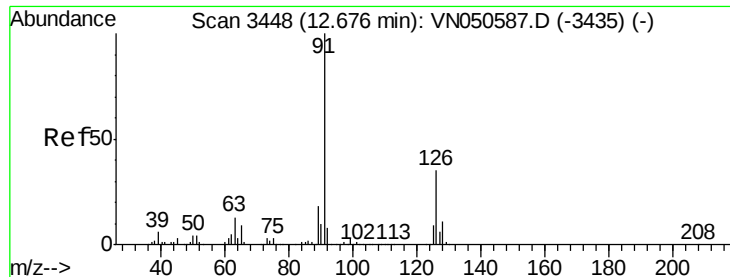
Tot Ion:156 Resp: 166615
Ion Ratio Lower Upper
156 100
77 182.4 89.0 267.1
158 98.1 48.5 145.6



#78
n-propylbenzene
Concen: 20.53 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 91 Resp: 723926
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.37 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

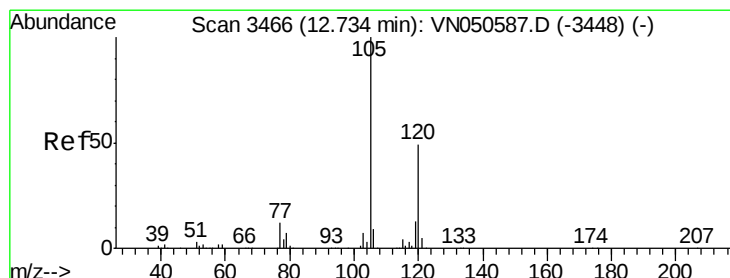
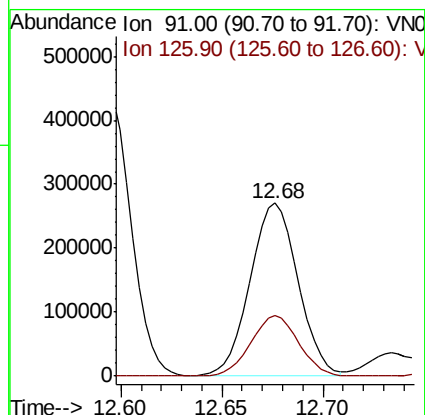
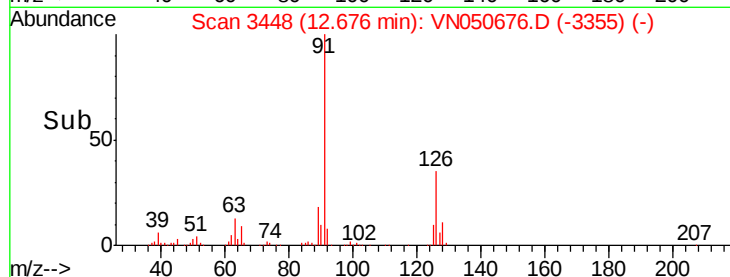
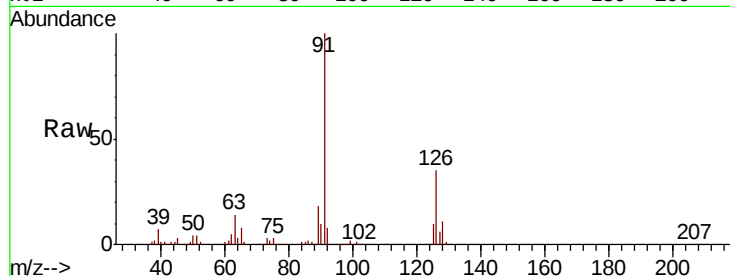
VN0815WBS03

Tot Ion: 91 Resp: 447862

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.05 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050676.D

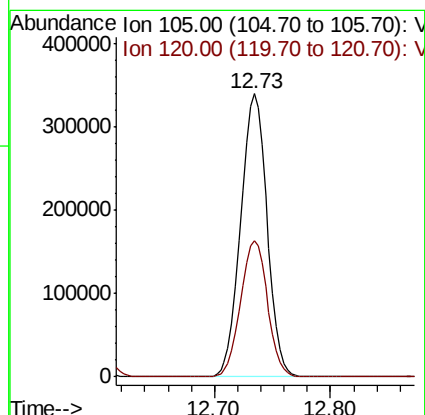
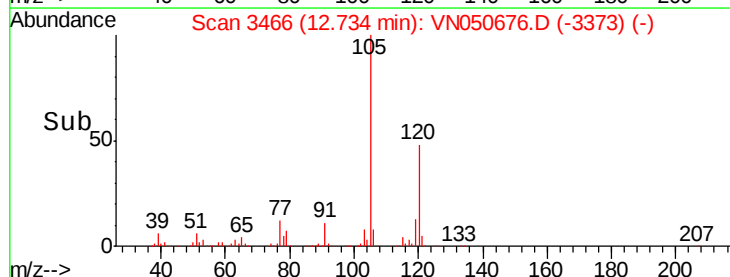
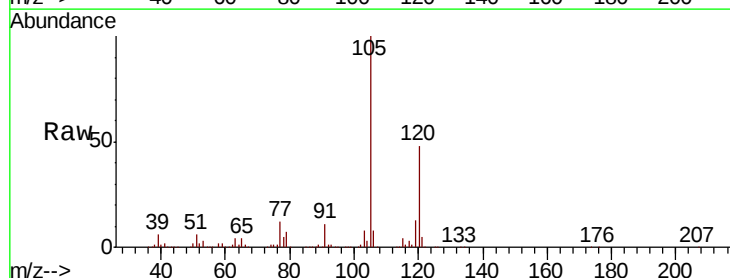
Acq: 16 Aug 2018 1:07

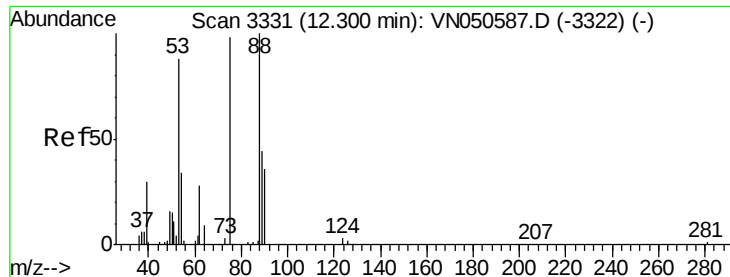
Tgt Ion: 105 Resp: 533127

Ion Ratio Lower Upper

105 100

120 49.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.17 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

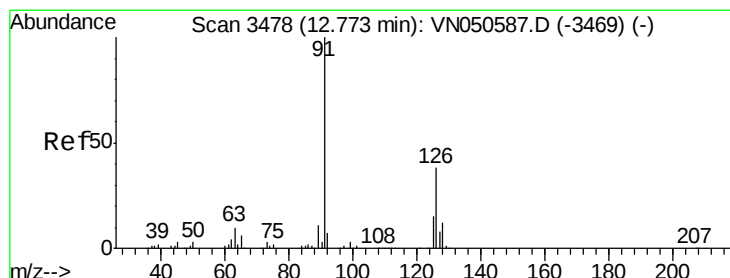
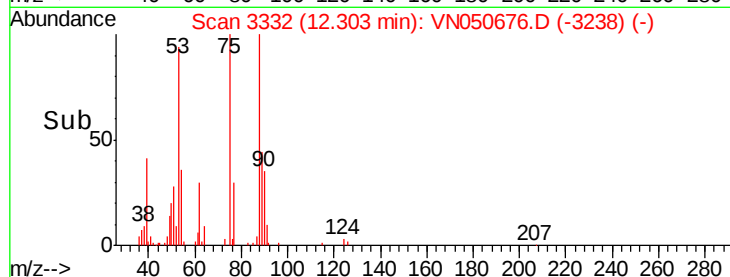
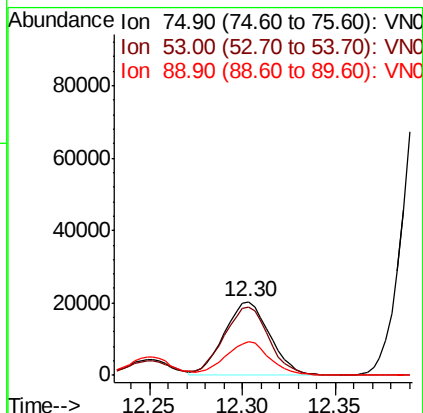
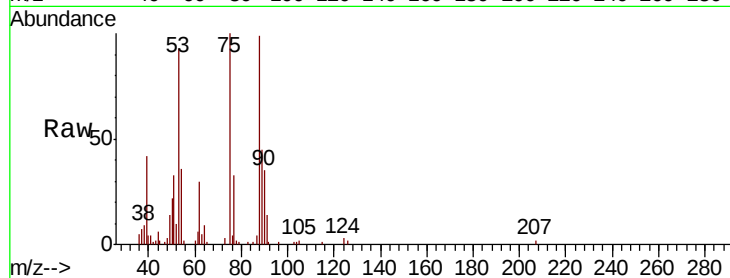
Tot Ion: 75 Resp: 34908

Ion Ratio Lower Upper

75 100

53 92.3 72.2 108.2

89 44.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.38 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050676.D

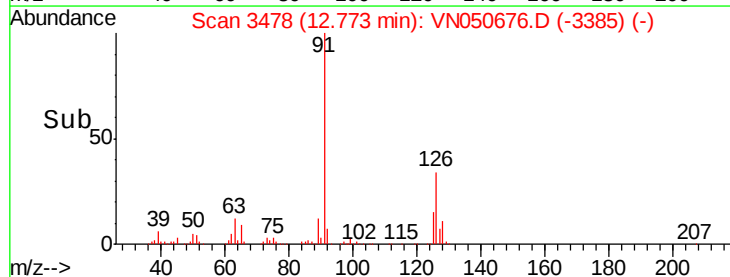
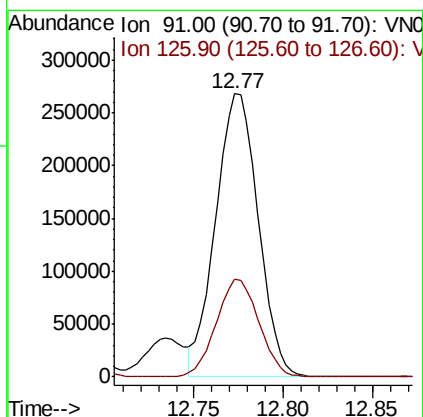
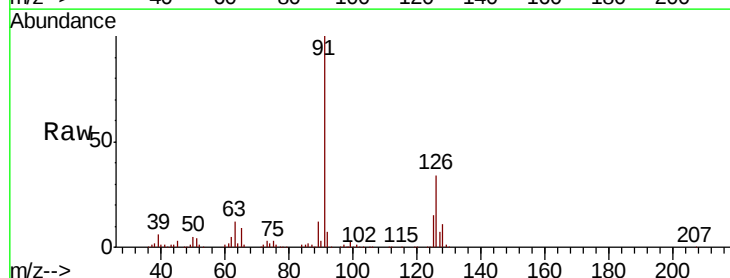
Acq: 16 Aug 2018 1:07

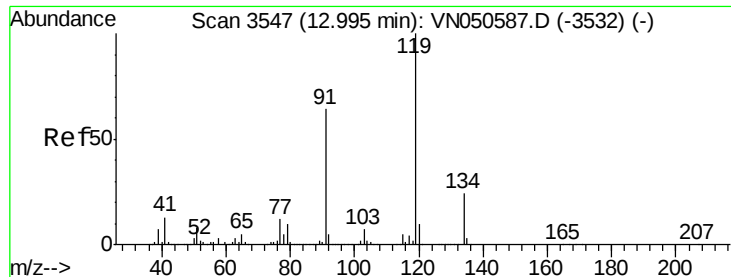
Tgt Ion: 91 Resp: 442899

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0

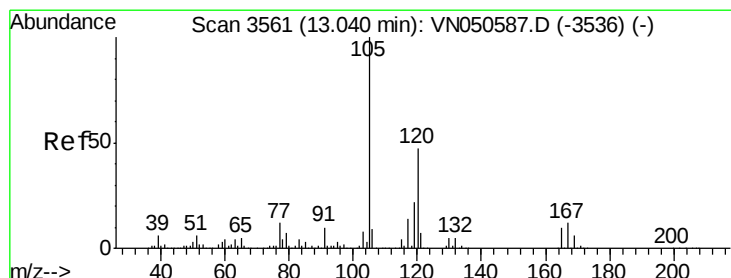
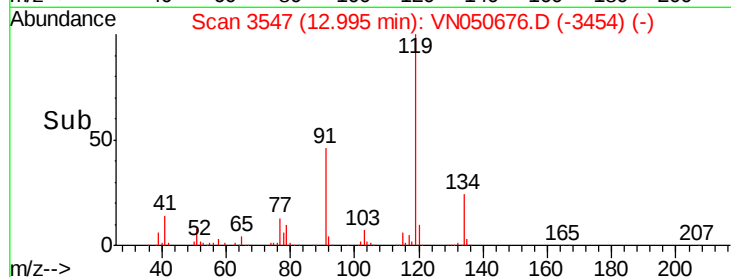
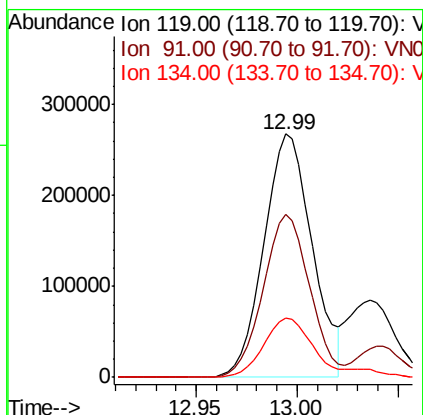
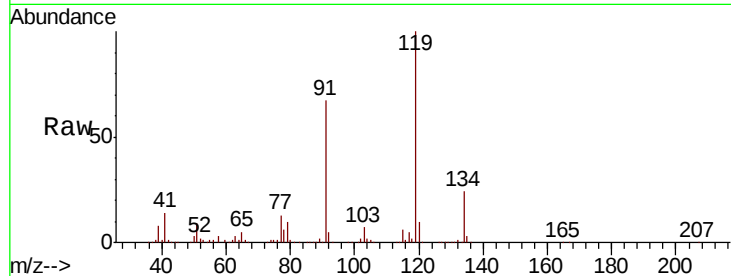




#83
 tert-Butylbenzene
 Concen: 20.27 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

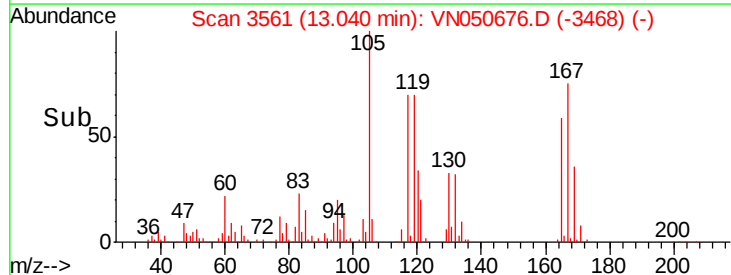
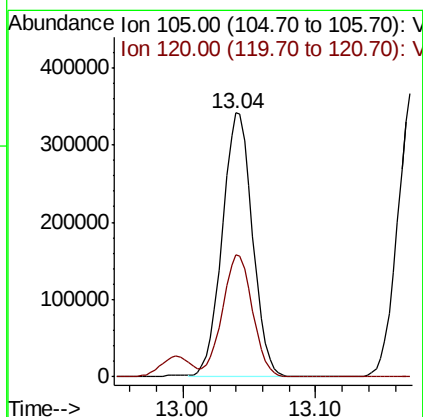
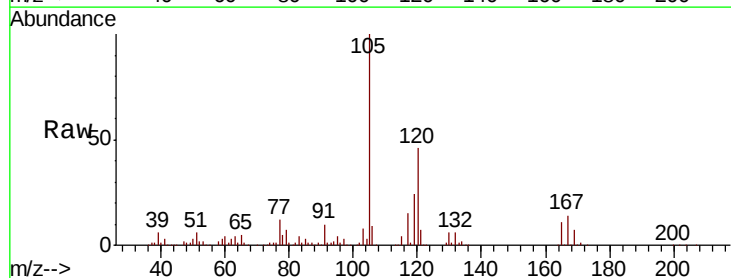
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

Tot Ion:119 Resp: 445615
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.2 96.6
 134 24.5 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.20 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion:105 Resp: 538675
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.64 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

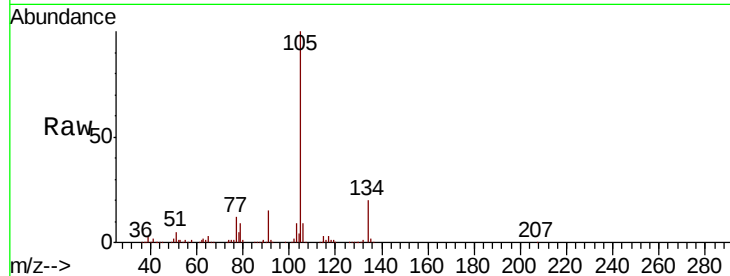
VN0815WBS03

Tot Ion:105 Resp: 592888

Ion Ratio Lower Upper

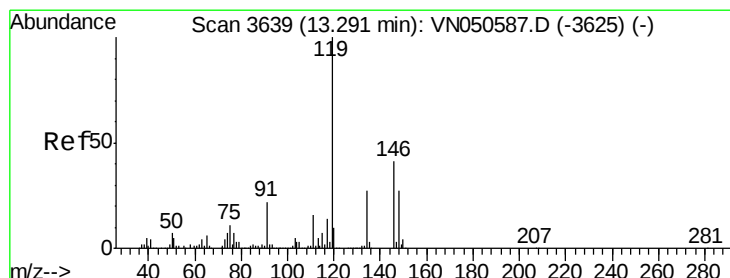
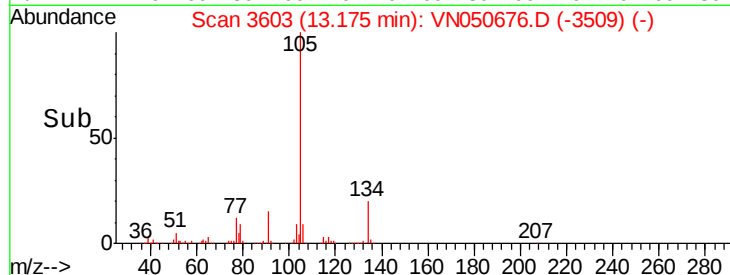
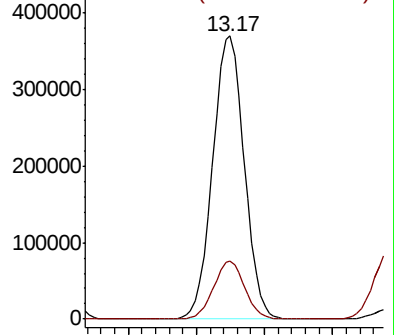
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.73 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

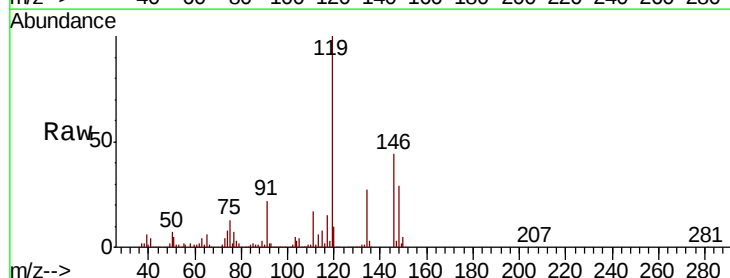
Tgt Ion:119 Resp: 504447

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

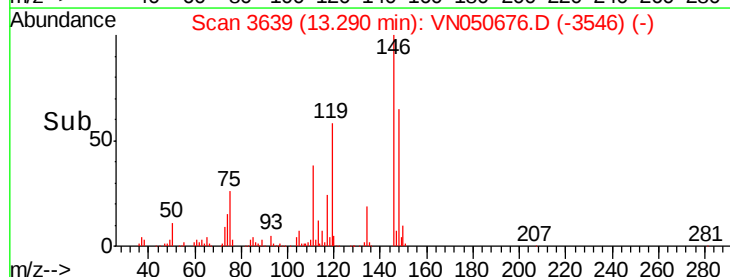
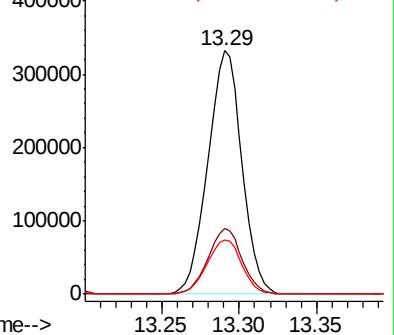
91 22.6 11.2 33.6

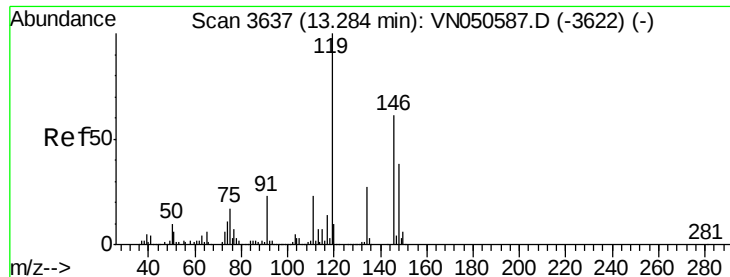


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

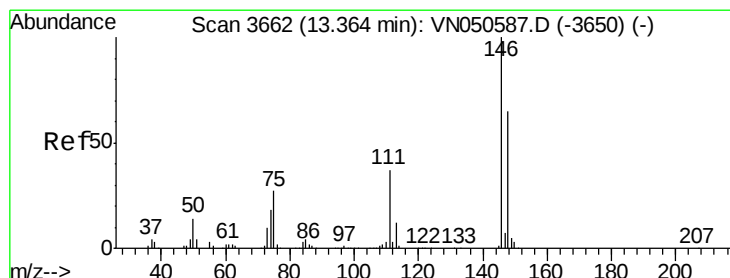
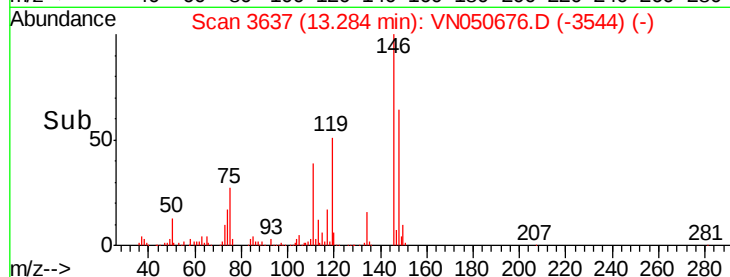
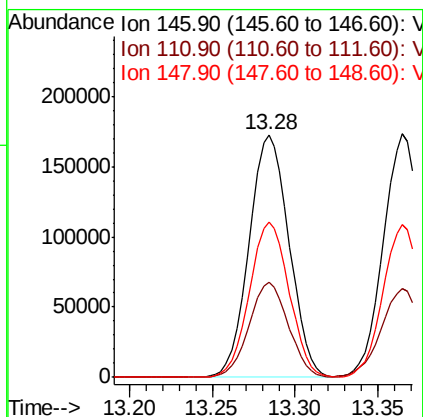
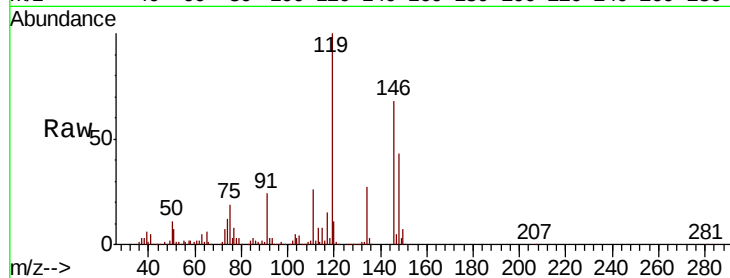




#87
 1,3-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

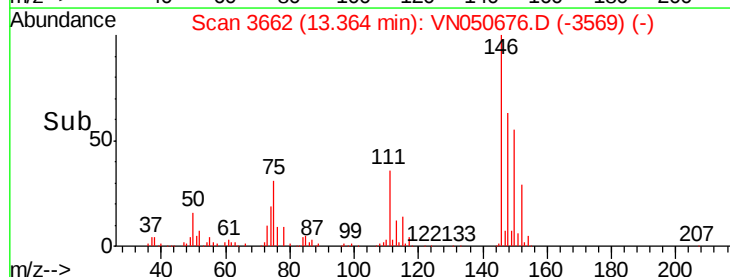
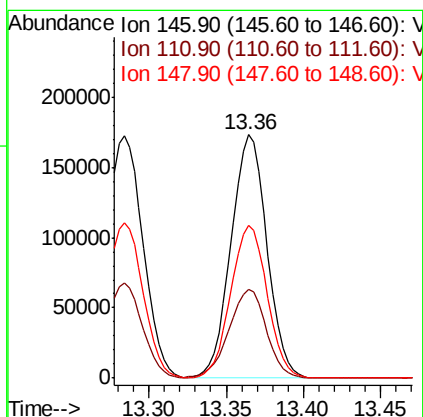
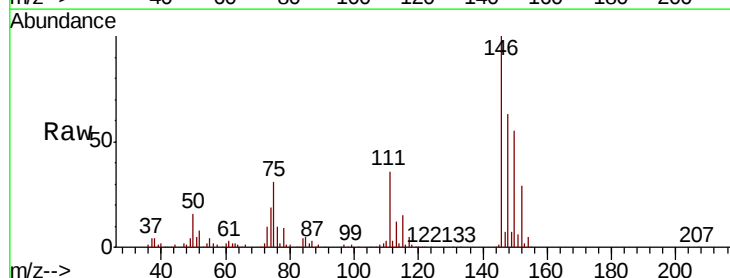
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

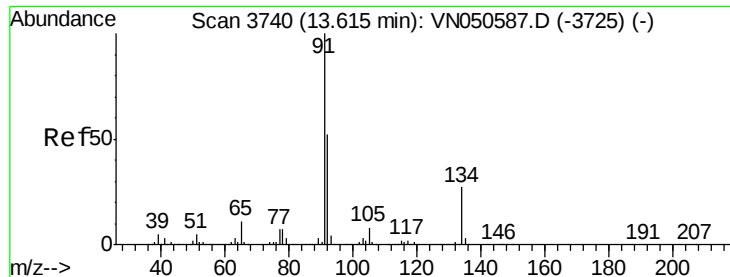
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.24 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	63.6	32.3	96.8

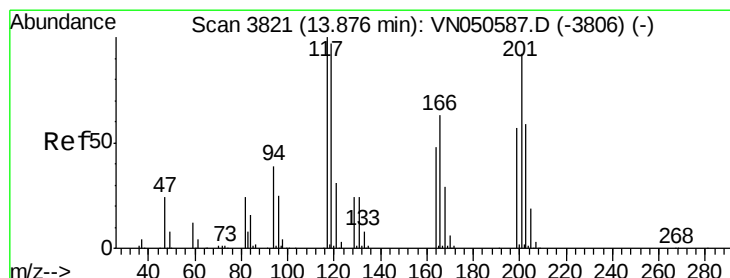
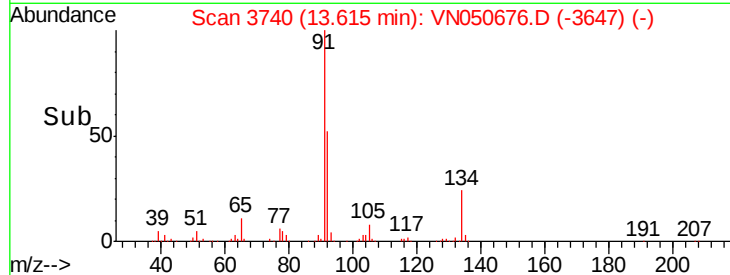
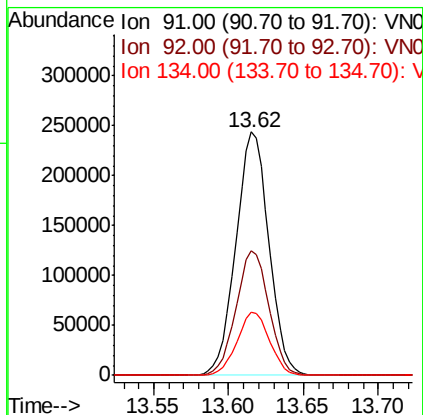
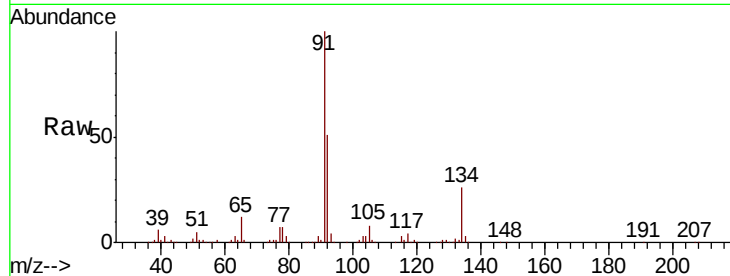




#89
n-Butylbenzene
Concen: 19.01 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

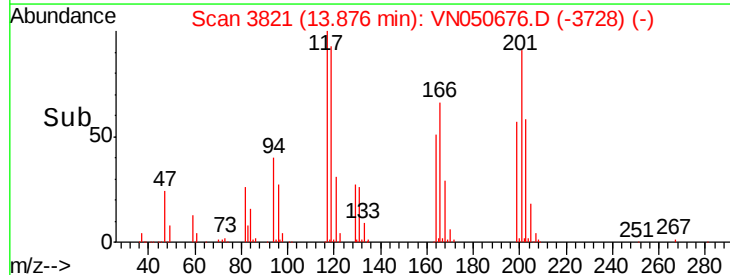
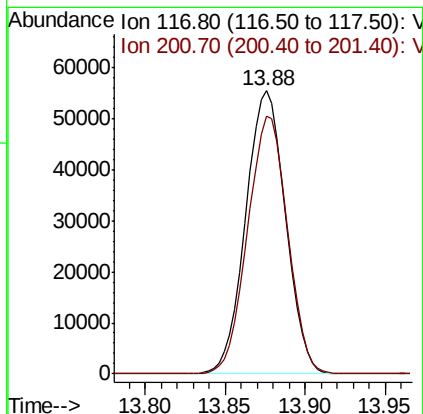
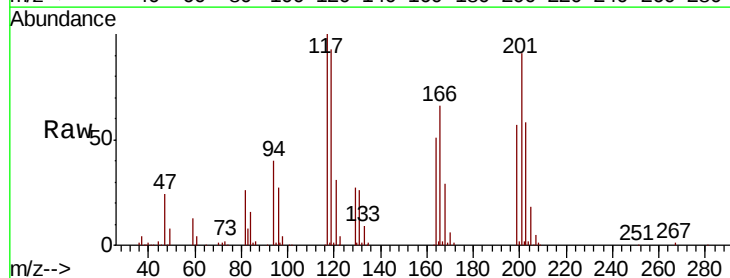
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS03

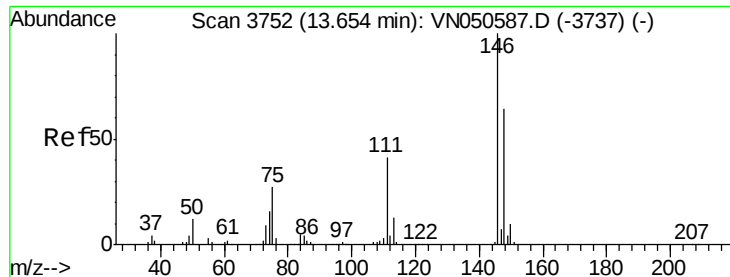
Tot Ion: 91 Resp: 373616
Ion Ratio Lower Upper
91 100
92 51.1 26.3 78.8
134 25.6 13.3 39.9



#90
Hexachloroethane
Concen: 19.27 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050676.D
Acq: 16 Aug 2018 1:07

Tgt Ion: 117 Resp: 94321
Ion Ratio Lower Upper
117 100
201 91.5 45.5 136.5

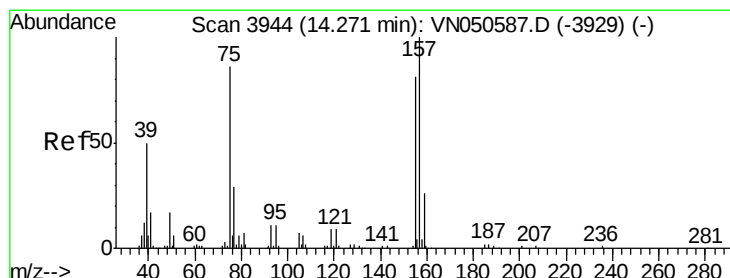
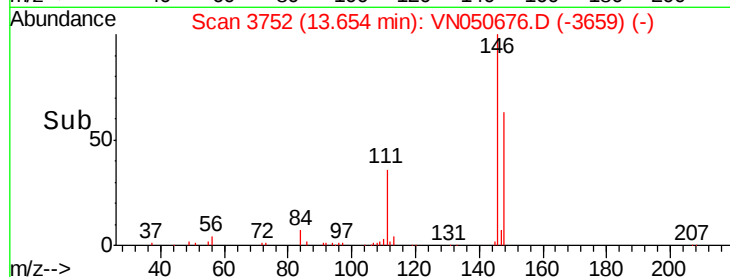
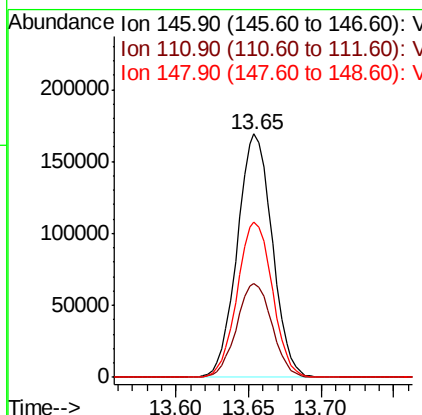
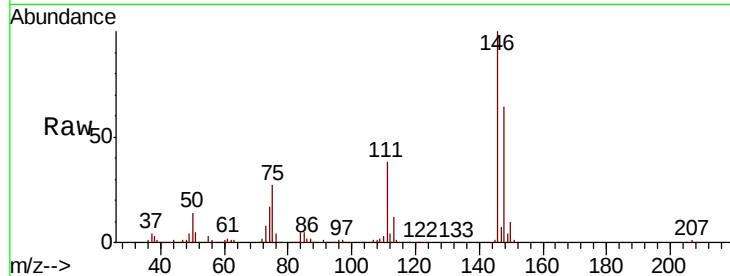




#91
 1,2-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

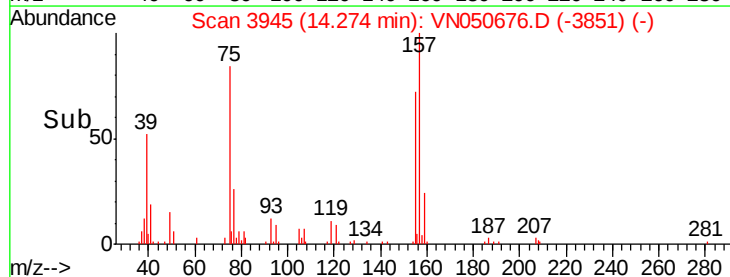
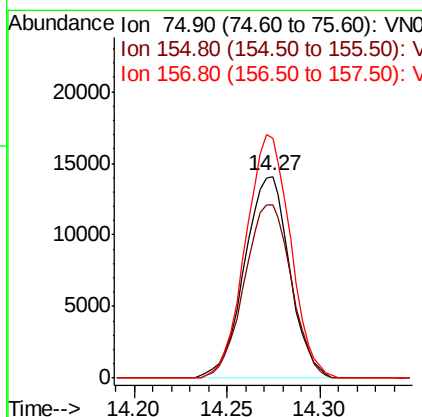
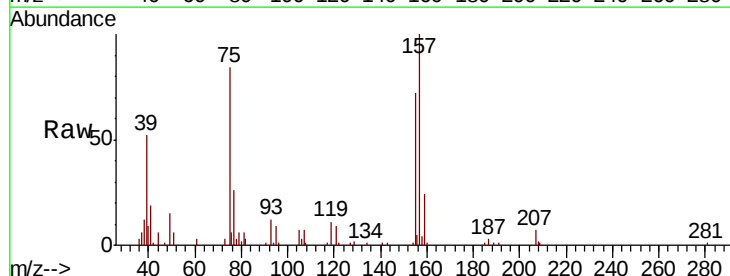
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

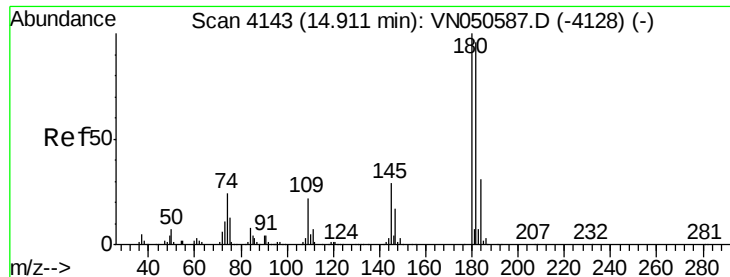
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.4
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.04 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	46.6	139.8
157	119.4	58.1	174.2

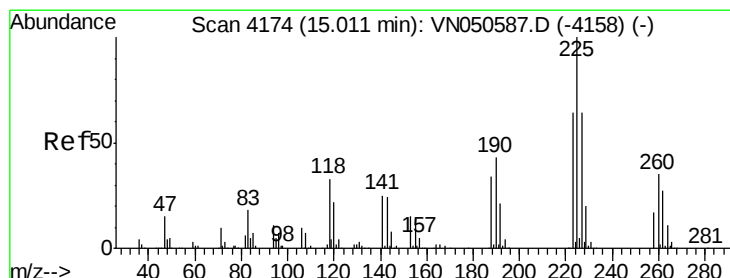
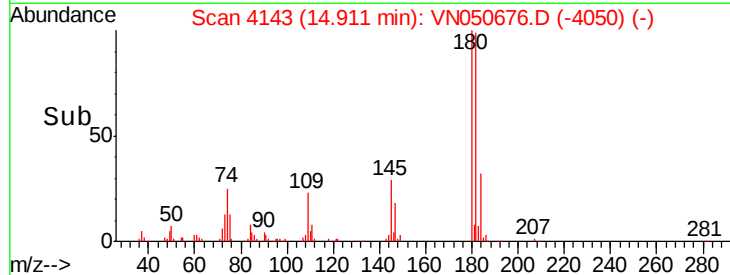
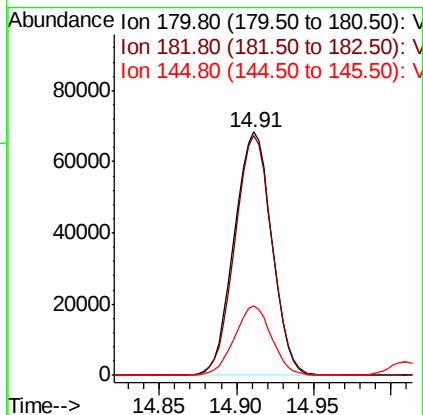
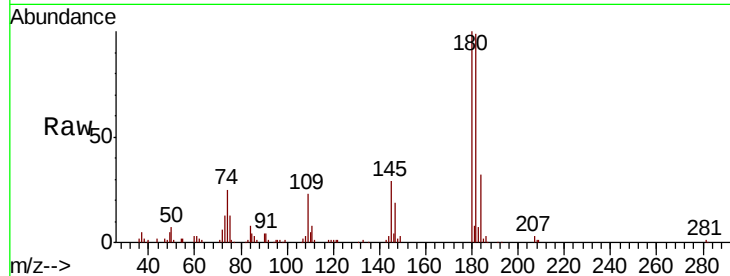




#93
 1,2,4-Trichlorobenzene
 Concen: 17.61 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

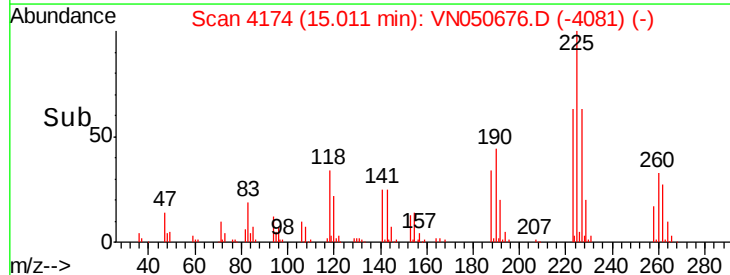
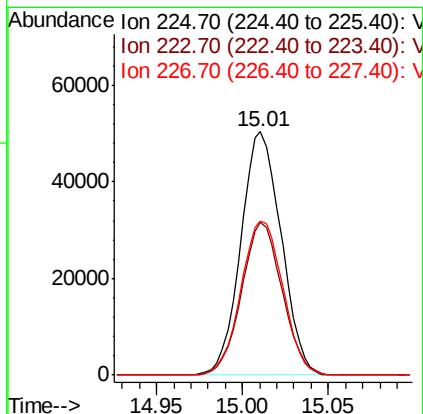
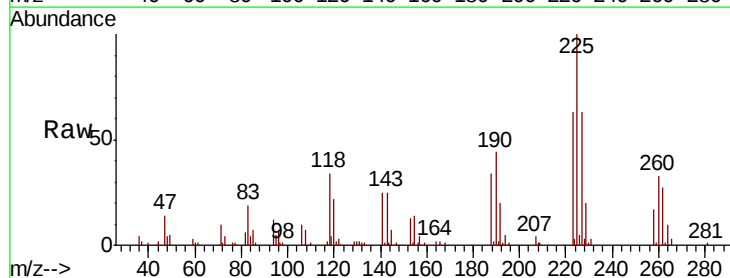
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS03

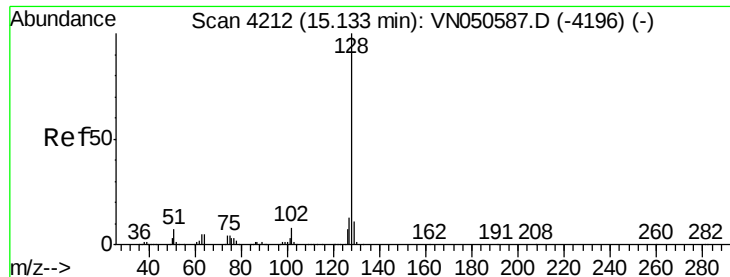
Tot Ion:180 Resp: 115480
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.9 143.7
 145 28.0 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 18.80 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050676.D
 Acq: 16 Aug 2018 1:07

Tgt Ion:225 Resp: 82215
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.1 96.3
 227 65.8 32.0 96.2





#95

Naphthalene

Concen: 17.47 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS03

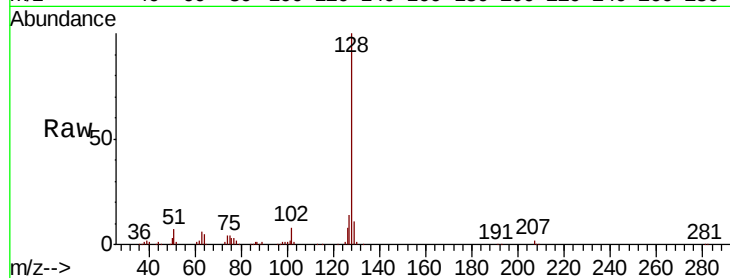
Tot Ion:128 Resp: 229608

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

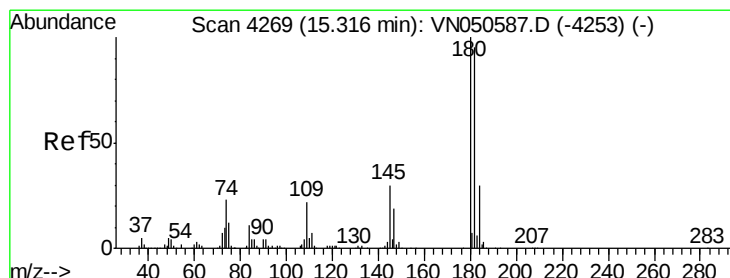
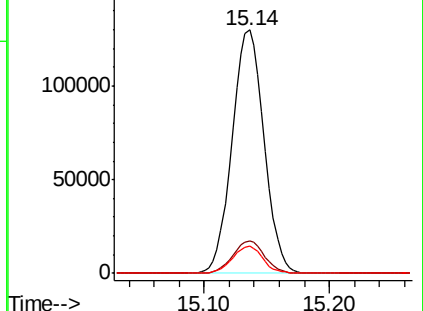
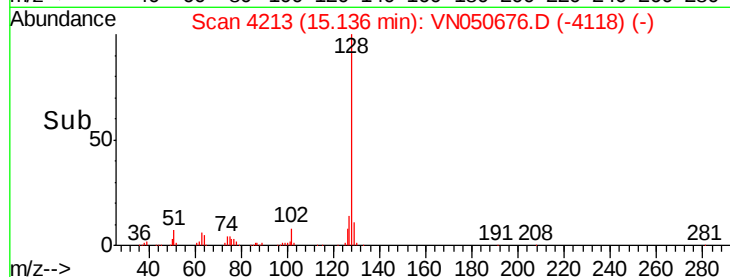
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.65 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050676.D

Acq: 16 Aug 2018 1:07

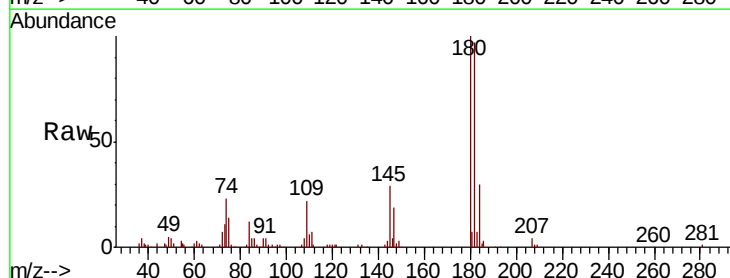
Tgt Ion:180 Resp: 118837

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 29.5 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

