

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
 Data File : VN051052.D
 Acq On : 7 Sep 2018 14:36
 Operator : MD\SY
 Sample : VN0907MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

Quant Time: Sep 07 23:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	856377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	392070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	351053	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.59	113	334969	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.09	98	1262554	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	418652	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	168323	21.02	ug/l	99
3) Chloromethane	2.06	50	175817	17.80	ug/l	100
4) Vinyl Chloride	2.18	62	181030	19.35	ug/l	100
5) Bromomethane	2.56	94	102694	18.64	ug/l	98
6) Chloroethane	2.70	64	105129	19.44	ug/l	99
7) Trichlorofluoromethane	3.01	101	241074	20.12	ug/l	99
8) Diethyl Ether	3.41	74	86646	21.27	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	146397	19.56	ug/l	98
10) Methyl Iodide	3.95	142	104176	20.19	ug/l	100
11) Tert butyl alcohol	4.79	59	58260	126.99	ug/l	99
12) 1,1-Dichloroethene	3.73	96	136903	20.37	ug/l	95
13) Acrolein	3.61	56	21303	91.73	ug/l	96
14) Allyl chloride	4.32	41	205316	19.60	ug/l	98
15) Acrylonitrile	4.99	53	262043	112.39	ug/l	99
16) Acetone	3.82	43	184066	103.76	ug/l	96
17) Carbon Disulfide	4.05	76	407569	18.09	ug/l	100
18) Methyl Acetate	4.33	43	153383	22.55	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	370686	21.92	ug/l	99
20) Methylene Chloride	4.55	84	157501	19.40	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	142427	19.59	ug/l	98
22) Diisopropyl ether	5.95	45	429867	20.59	ug/l	97
23) Vinyl Acetate	5.90	43	1390080	103.41	ug/l	99
24) 1,1-Dichloroethane	5.85	63	261271	19.50	ug/l	100
25) 2-Butanone	6.84	43	294906	101.57	ug/l	99
26) 2,2-Dichloropropane	6.83	77	201423	18.71	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	155377	19.82	ug/l	99
28) Bromochloromethane	7.20	49	102407	17.98	ug/l	96
29) Tetrahydrofuran	7.22	42	201985	121.34	ug/l	99
30) Chloroform	7.37	83	262081	19.75	ug/l	100
31) Cyclohexane	7.65	56	236220	19.68	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	221484	19.43	ug/l	99
36) 1,1-Dichloropropene	7.79	75	196281	19.42	ug/l	99
37) Ethyl Acetate	6.93	43	133857	23.06	ug/l	99
38) Carbon Tetrachloride	7.78	117	198246	19.41	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	211963	19.39	ug/l	99
40) Benzene	8.04	78	618600	20.30	ug/l	100
41) Methacrylonitrile	7.18	41	62105	19.77	ug/l	91
42) 1,2-Dichloroethane	8.13	62	184292	20.23	ug/l	98
43) Isopropyl Acetate	8.17	43	224366	22.48	ug/l #	88
44) Trichloroethene	8.84	130	164028	20.41	ug/l	94
45) 1,2-Dichloropropane	9.12	63	157013	19.60	ug/l	99
46) Dibromomethane	9.21	93	96809	20.57	ug/l	97
47) Bromodichloromethane	9.40	83	195424	19.83	ug/l	96
48) Methyl methacrylate	9.20	41	111771	21.97	ug/l	99
49) 1,4-Dioxane	9.20	88	35821	516.58	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	660268	110.85	ug/l	99
52) Toluene	10.16	92	379383	21.02	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	194440	19.82	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	226010	20.12	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	139862	20.87	ug/l	99
56) Ethyl methacrylate	10.43	69	171973	21.15	ug/l	96
57) 1,3-Dichloropropane	10.71	76	232785	21.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	323109	93.02	ug/l	98
59) 2-Hexanone	10.75	43	435412	109.81	ug/l	99
60) Dibromochloromethane	10.90	129	151532	20.20	ug/l	99
61) 1,2-Dibromoethane	11.01	107	139284	21.50	ug/l	100
64) Tetrachloroethene	10.63	164	149609	19.95	ug/l	100
65) Chlorobenzene	11.44	112	413895	20.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151793	20.10	ug/l	100
67) Ethyl Benzene	11.51	91	678932	20.23	ug/l	99
68) m/p-Xylenes	11.62	106	534764	41.99	ug/l	99
69) o-Xylene	11.95	106	263785	21.54	ug/l	99
70) Styrene	11.96	104	407271	19.66	ug/l	99
71) Bromoform	12.13	173	109369	21.06	ug/l #	99
73) Isopropylbenzene	12.25	105	693911	21.37	ug/l	100
74) N-amyl acetate	12.07	43	225975	27.70	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	189479	23.62	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	212005	30.87	ug/l #	100
77) Bromobenzene	12.53	156	178206	20.20	ug/l	99
78) n-propylbenzene	12.59	91	794594	21.91	ug/l	99
79) 2-Chlorotoluene	12.67	91	461194	20.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	562224	21.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44451	21.88	ug/l	93
82) 4-Chlorotoluene	12.77	91	457519	20.52	ug/l	99
83) tert-Butylbenzene	12.99	119	505862	22.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	573688	21.77	ug/l	100
85) sec-Butylbenzene	13.17	105	644378	21.68	ug/l	99
86) p-Isopropyltoluene	13.29	119	559337	22.08	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298475	19.93	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	289040	19.61	ug/l	98
89) n-Butylbenzene	13.62	91	427507	21.10	ug/l	99
90) Hexachloroethane	13.88	117	98297	20.47	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	294273	20.37	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25742	22.08	ug/l	93

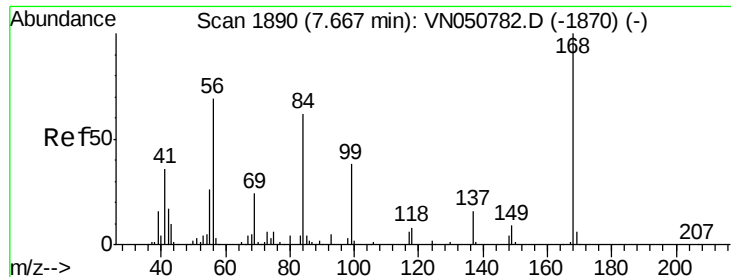
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
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QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	123271	19.15	ug/l	98
94) Hexachlorobutadiene	15.01	225	93498	21.19	ug/l	99
95) Naphthalene	15.13	128	251518	19.72	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	125612	19.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

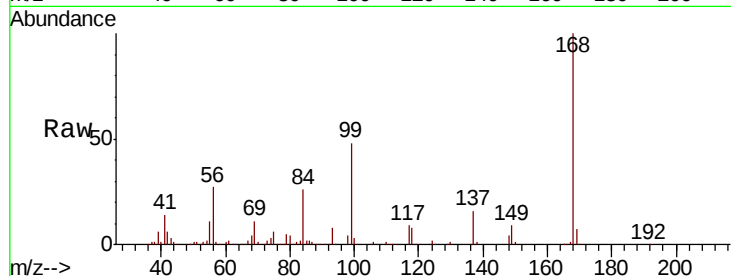
VN0907MBSD01

Tot Ion:168 Resp: 598464

Ion Ratio Lower Upper

168 100

99 48.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

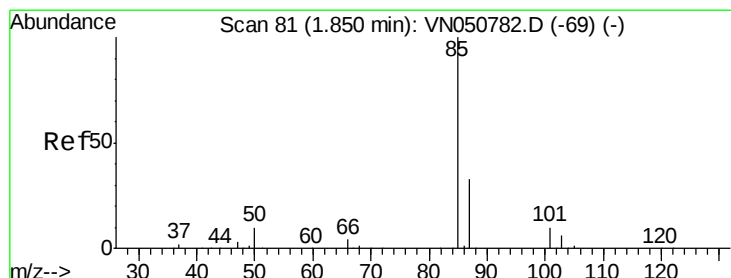
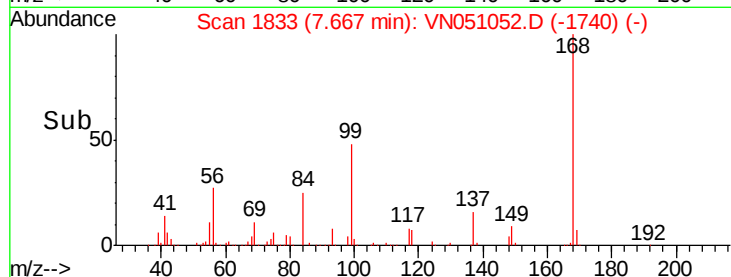
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.02 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051052.D

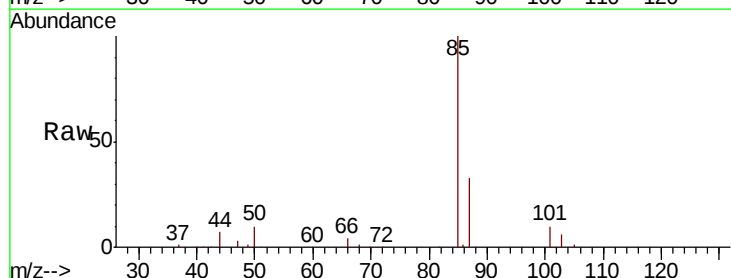
Acq: 7 Sep 2018 14:36

Tgt Ion: 85 Resp: 168323

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

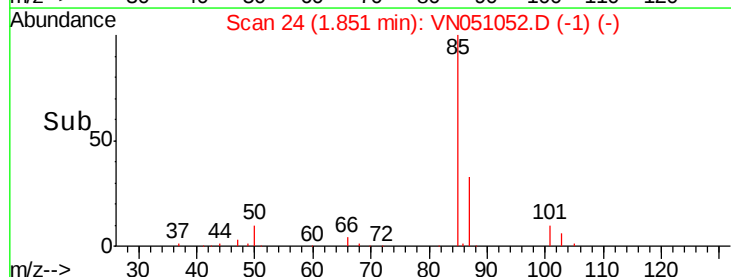
1.85

100000

50000

0

Time-->

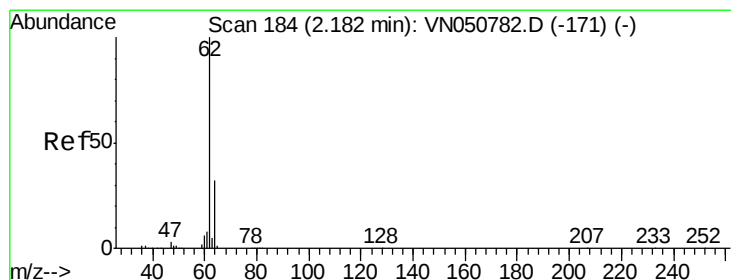
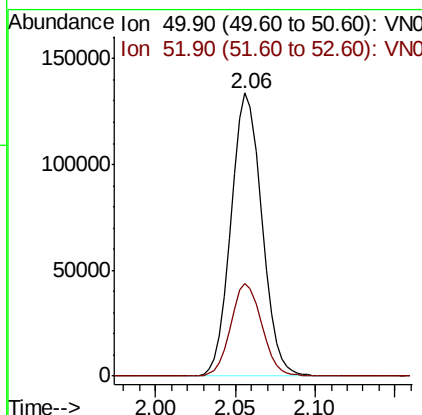
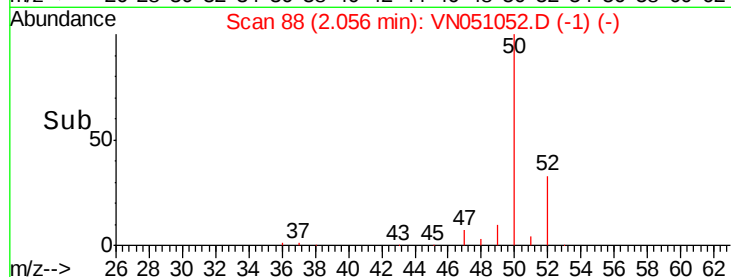
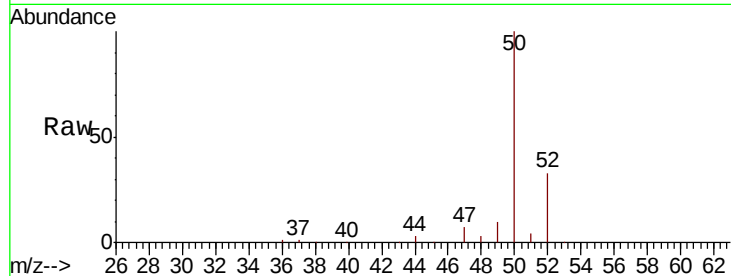




#3
 Chloromethane
 Concen: 17.80 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

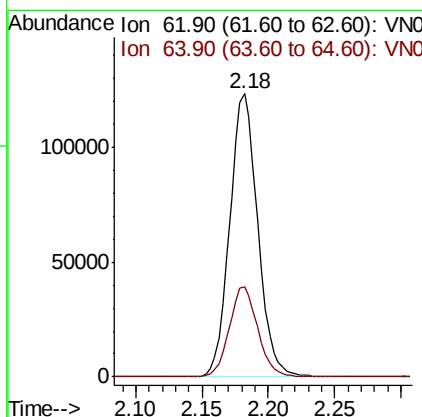
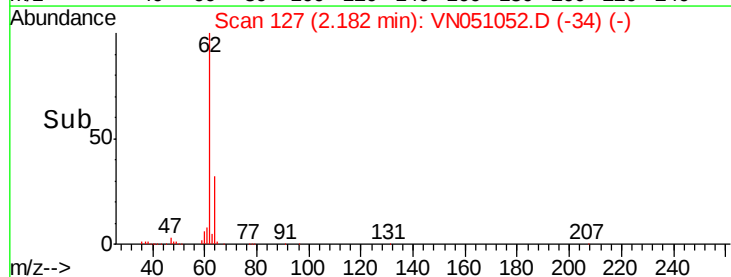
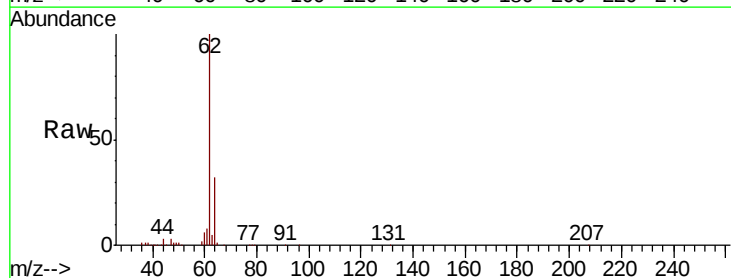
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

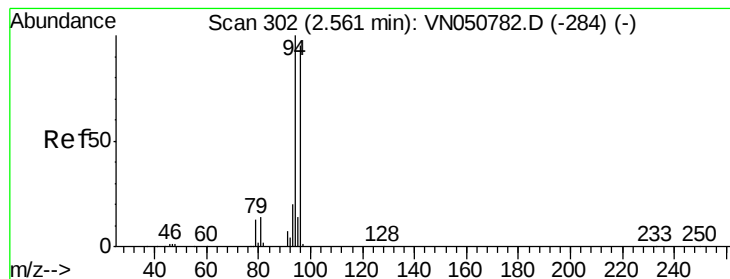
Tot Ion: 50 Resp: 175817
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.3 39.5



#4
 Vinyl Chloride
 Concen: 19.35 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 62 Resp: 181030
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2





#5

Bromomethane

Concen: 18.64 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

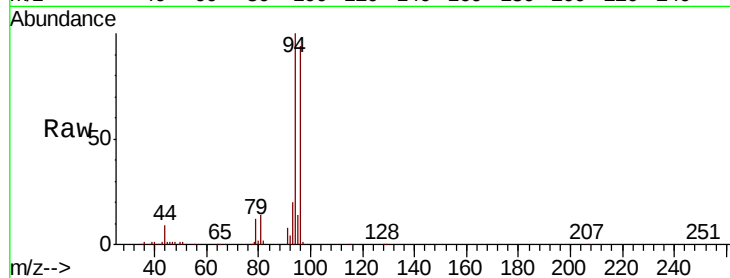
VN0907MBSD01

Tot Ion: 94 Resp: 102694

Ion Ratio Lower Upper

94 100

96 93.7 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

50000

40000

30000

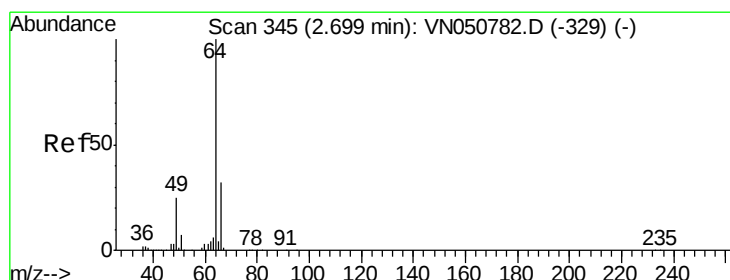
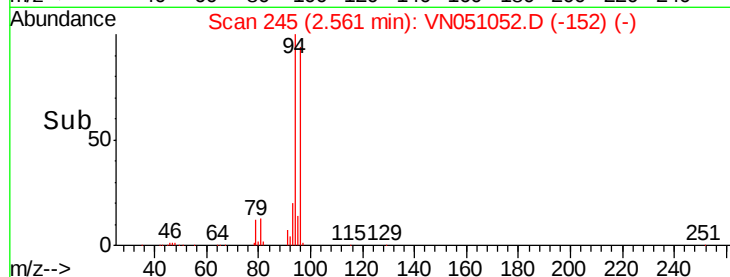
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 19.44 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN051052.D

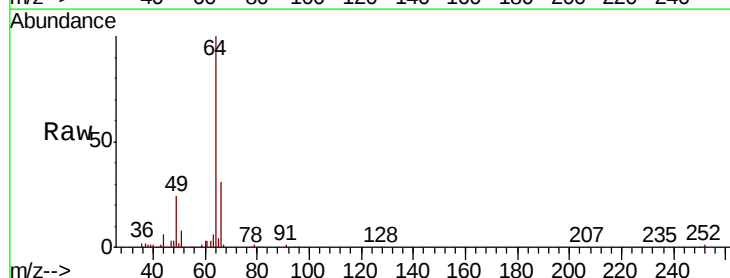
Acq: 7 Sep 2018 14:36

Tgt Ion: 64 Resp: 105129

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



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

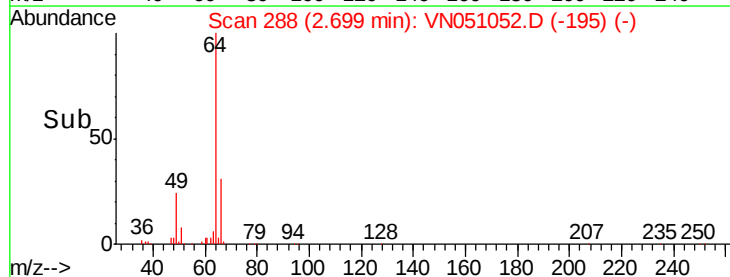
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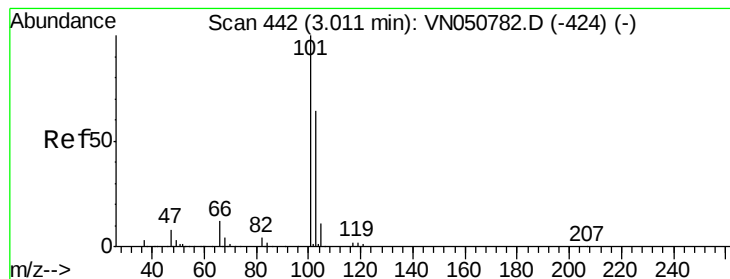
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Time-->

2.60 2.65 2.70 2.75 2.80





#7

Trichlorofluoromethane

Concen: 20.12 ug/l

RT: 3.01 min Scan# 384

Delta R.T. -0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

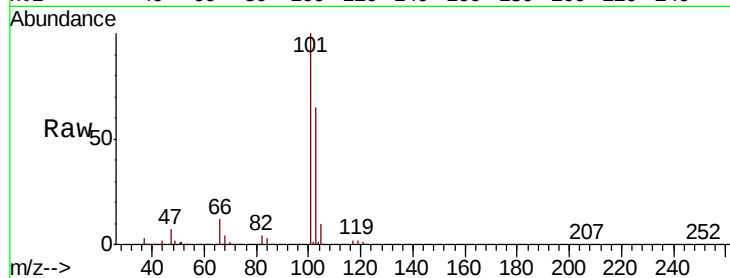
VN0907MBSD01

Tot Ion:101 Resp: 241074

Ion Ratio Lower Upper

101 100

103 65.0 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.01

120000

100000

80000

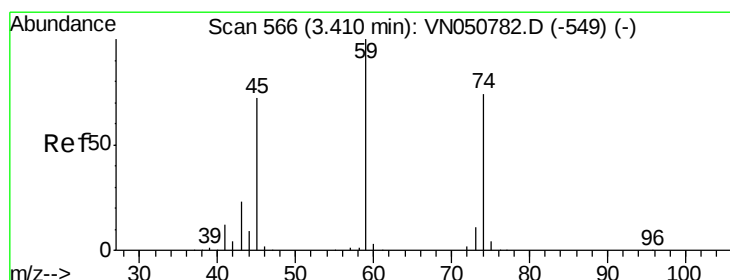
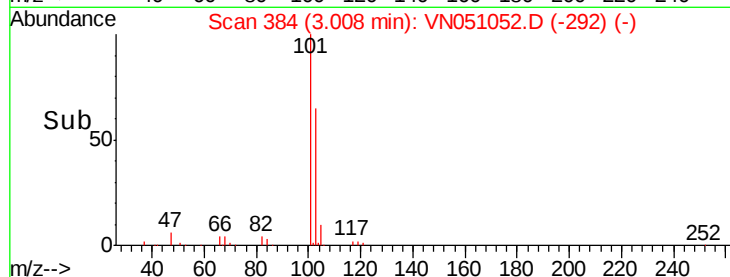
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 21.27 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN051052.D

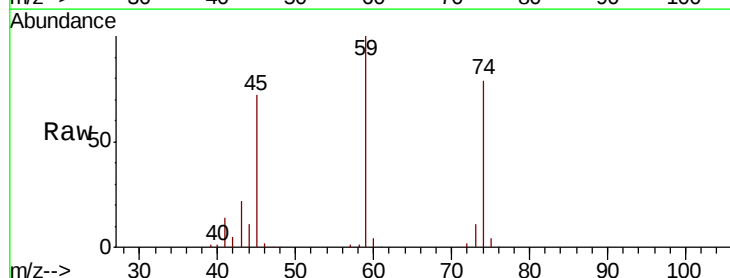
Acq: 7 Sep 2018 14:36

Tgt Ion: 74 Resp: 86646

Ion Ratio Lower Upper

74 100

45 93.1 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

40000

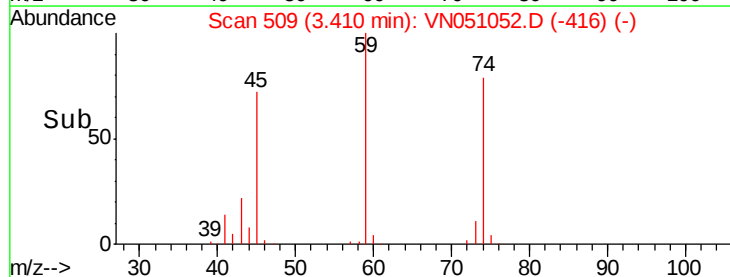
30000

20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.56 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

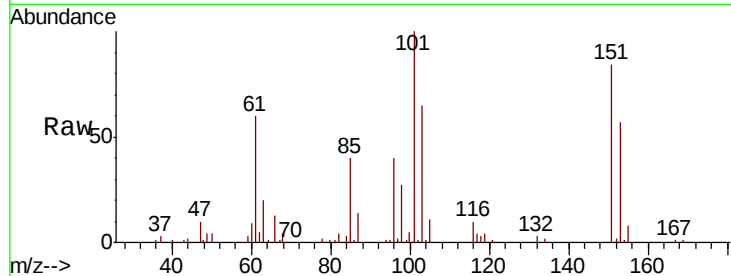
Tot Ion:101 Resp: 146397

Ion Ratio Lower Upper

101 100

85 40.8 33.7 50.5

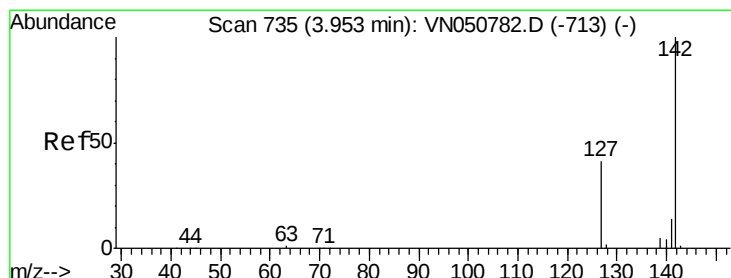
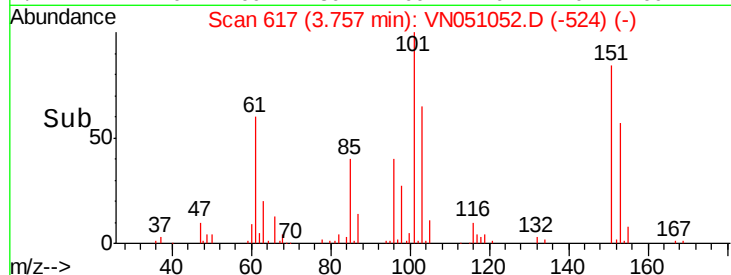
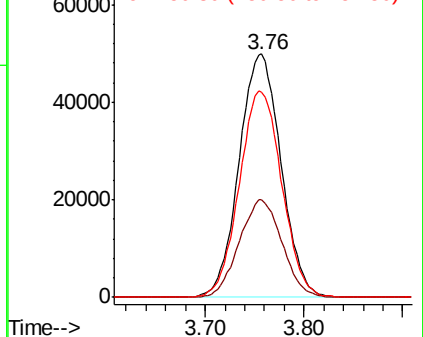
151 86.2 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.19 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

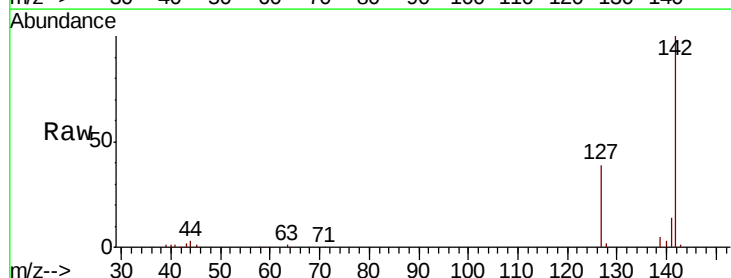
Tgt Ion:142 Resp: 104176

Ion Ratio Lower Upper

142 100

127 39.3 31.7 47.5

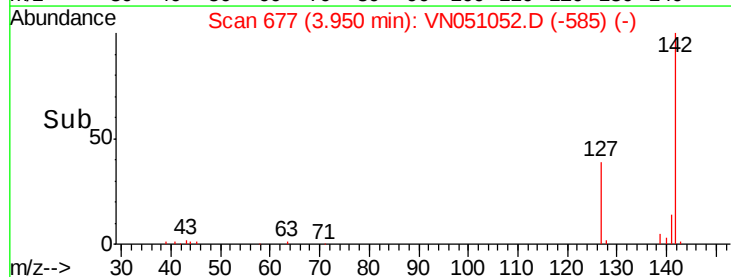
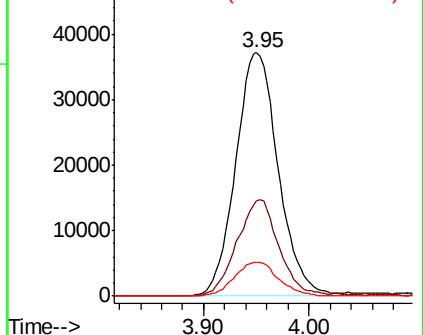
141 14.3 11.4 17.0

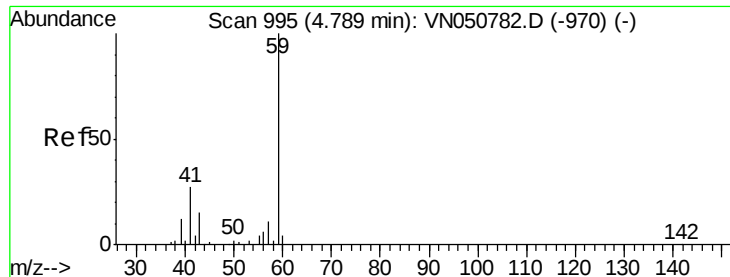


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



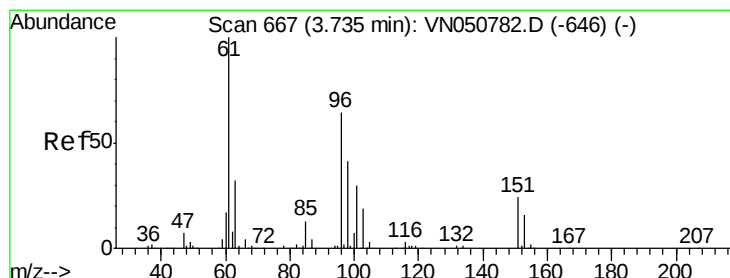
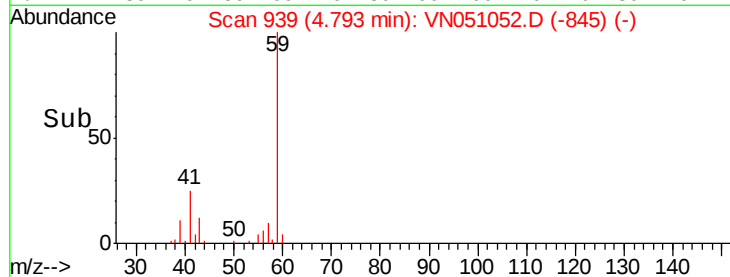
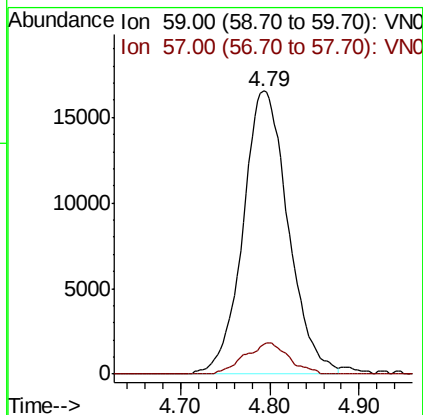
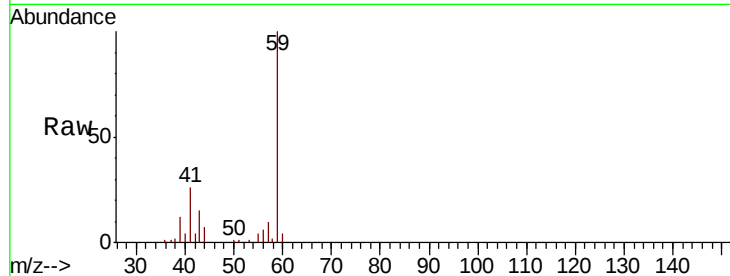


#11

Tert butyl alcohol
 Concen: 126.99 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

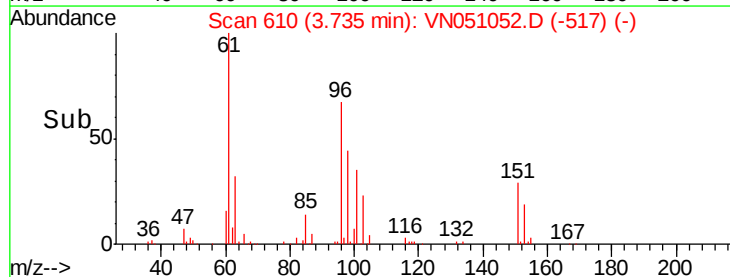
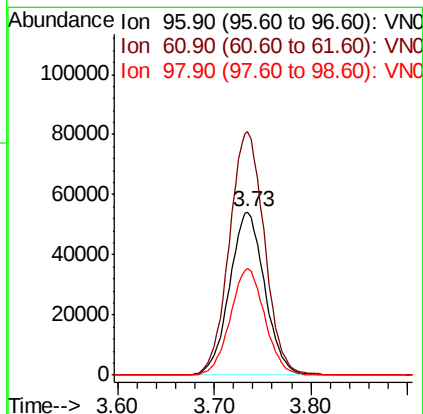
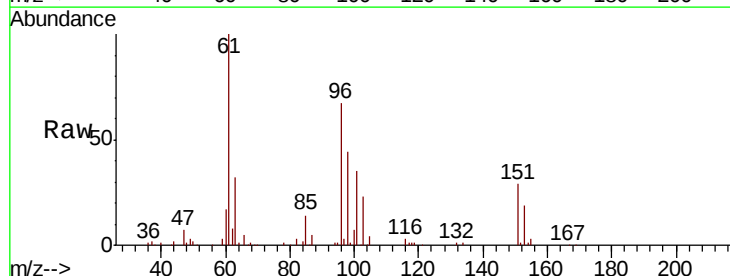
Tot Ion: 59 Resp: 58260
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5



#12

1,1-Dichloroethene
 Concen: 20.37 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 96 Resp: 136903
 Ion Ratio Lower Upper
 96 100
 61 148.8 124.9 187.3
 98 65.4 51.1 76.7





#13

Acrolein

Concen: 91.73 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

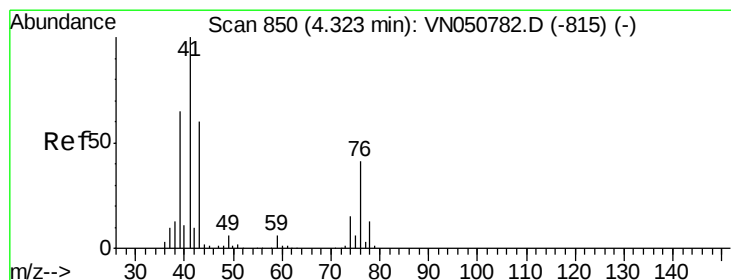
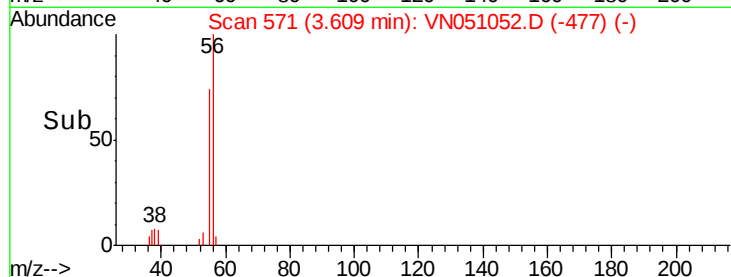
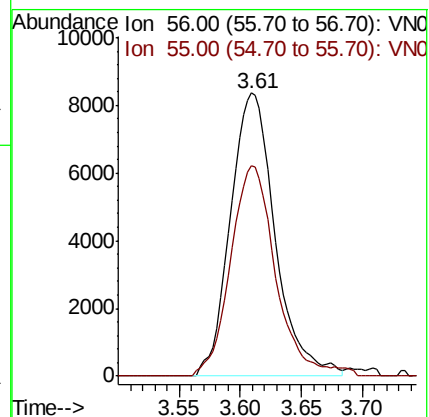
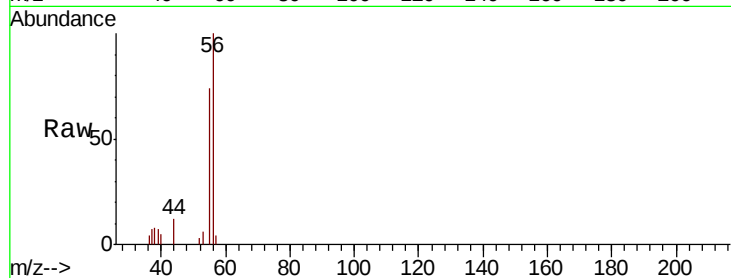
VN0907MBSD01

Tot Ion: 56 Resp: 21303

Ion Ratio Lower Upper

56 100

55 75.2 57.7 86.5



#14

Allyl chloride

Concen: 19.60 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

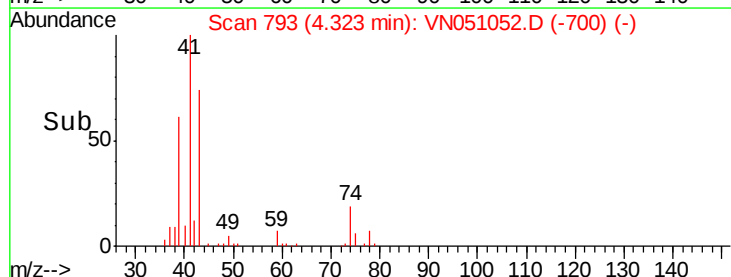
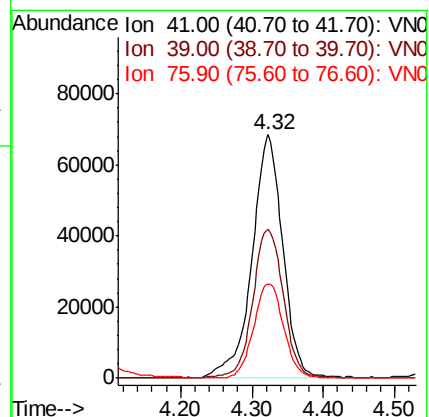
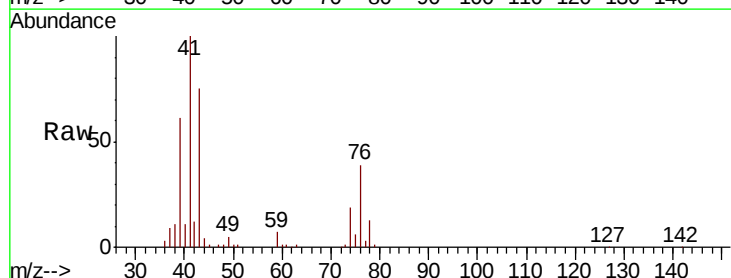
Tgt Ion: 41 Resp: 205316

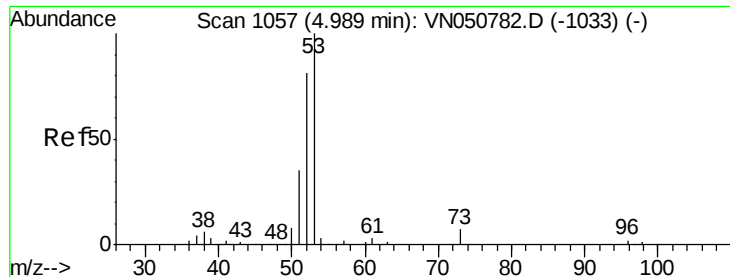
Ion Ratio Lower Upper

41 100

39 60.9 50.2 75.2

76 37.8 29.8 44.8

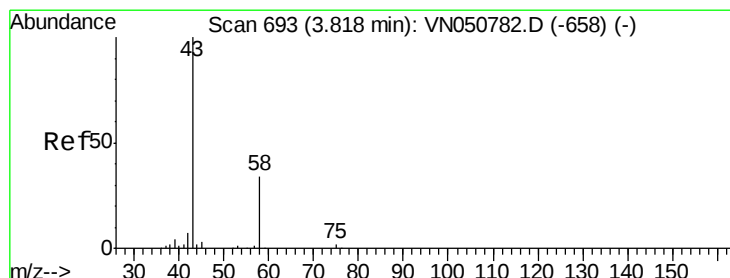
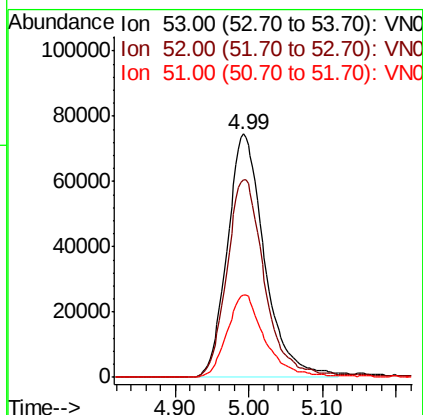
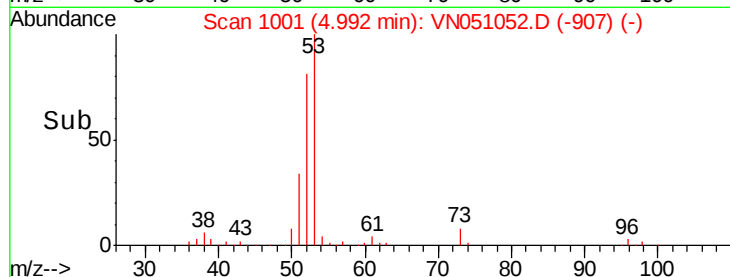
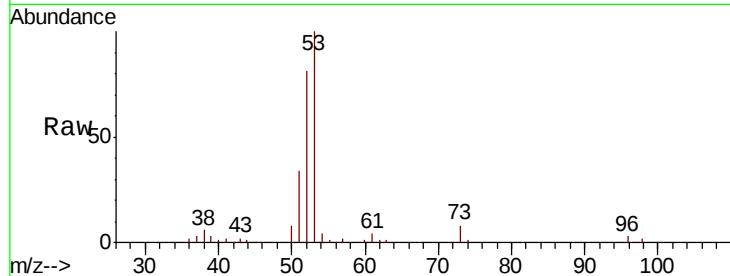




#15
 Acrylonitrile
 Concen: 112.39 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

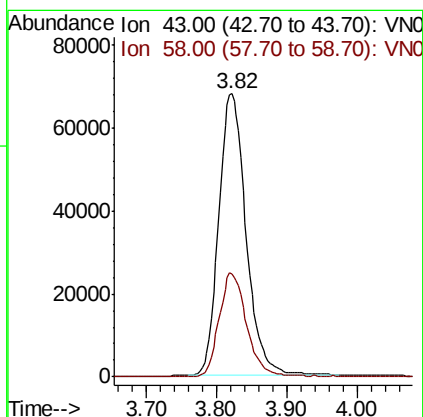
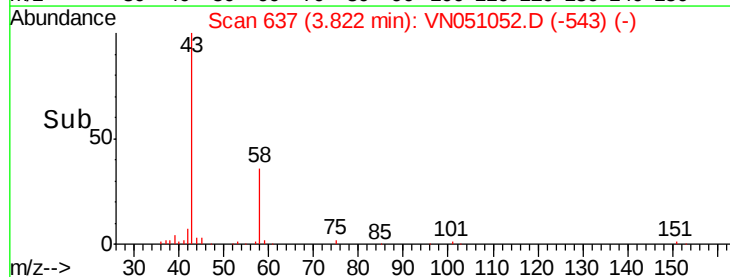
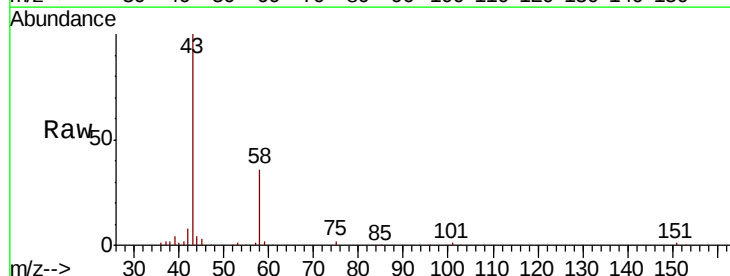
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0907MBSD01

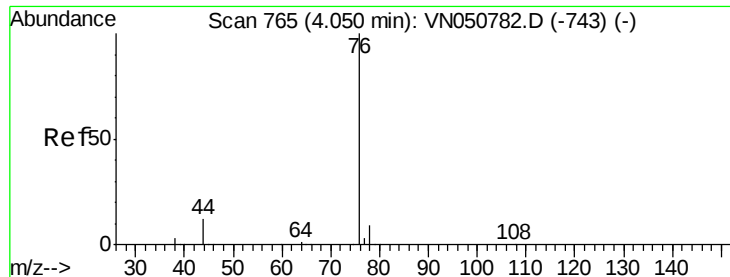
Tot Ion: 53 Resp: 262043
 Ion Ratio Lower Upper
 53 100
 52 81.9 65.9 98.9
 51 34.4 28.6 43.0



#16
 Acetone
 Concen: 103.76 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 43 Resp: 184066
 Ion Ratio Lower Upper
 43 100
 58 36.5 27.2 40.8

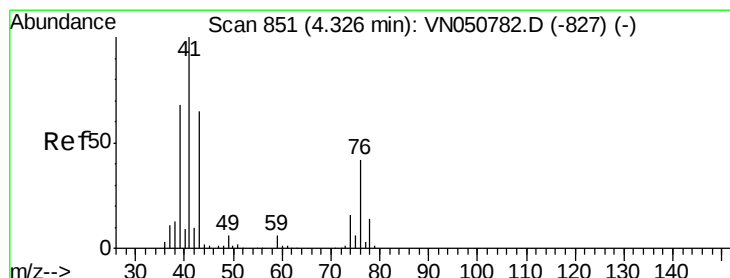
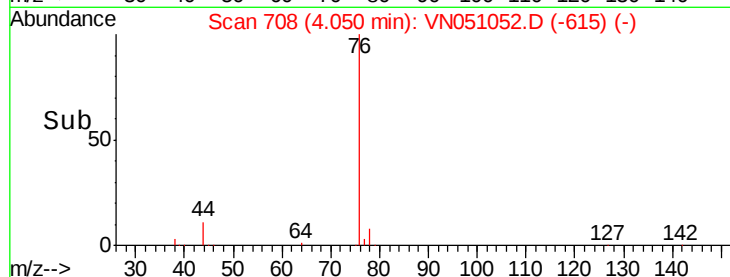
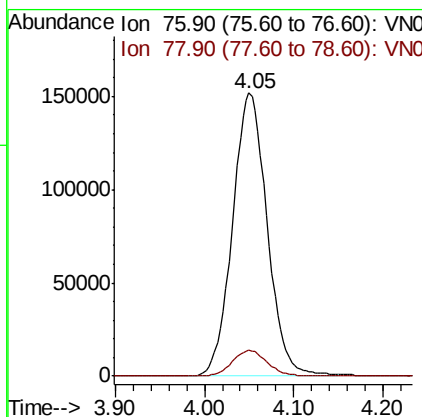
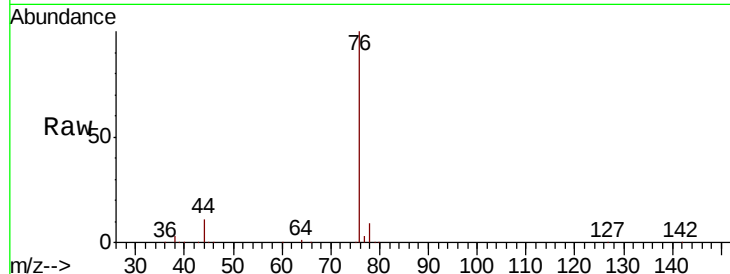




#17
Carbon Disulfide
Concen: 18.09 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

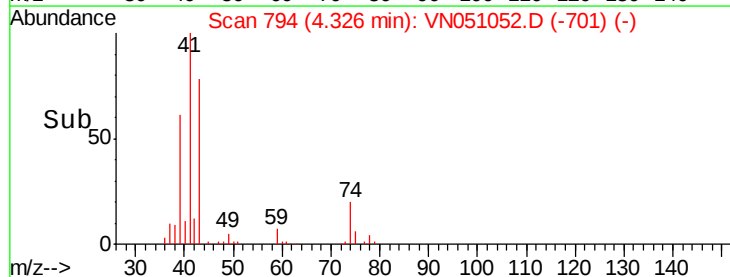
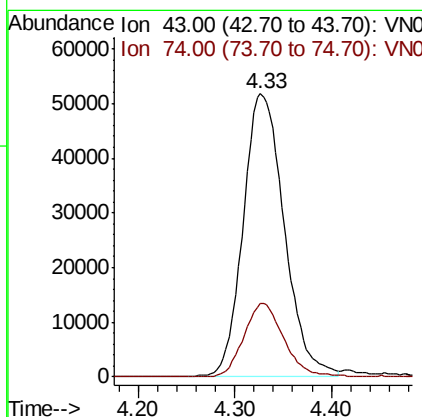
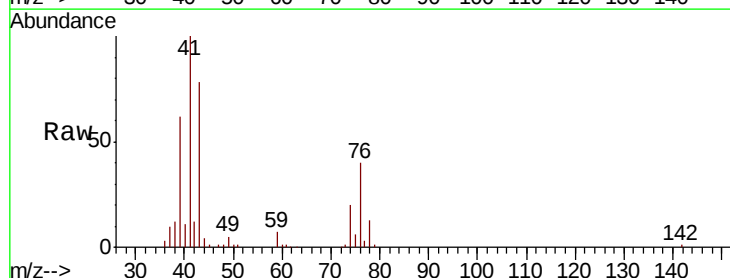
Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

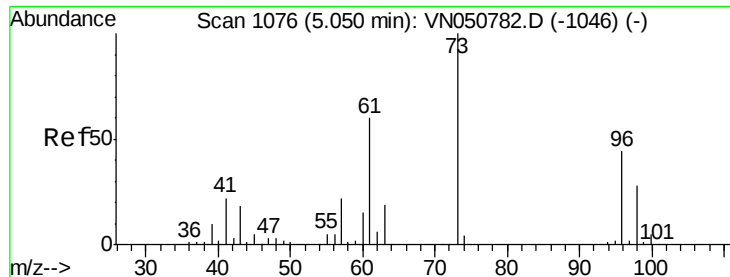
Tot Ion: 76 Resp: 407569
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 22.55 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 43 Resp: 153383
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 21.92 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleID :

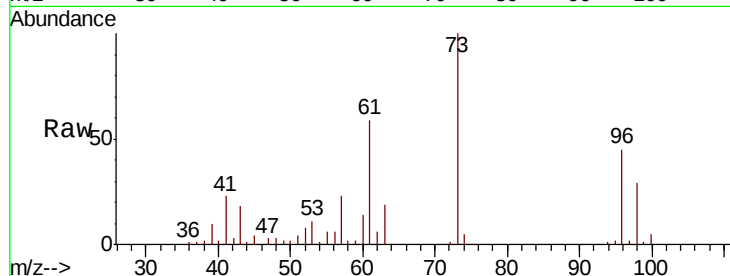
VN0907MBSD01

Tot Ion: 73 Resp: 370686

Ion Ratio Lower Upper

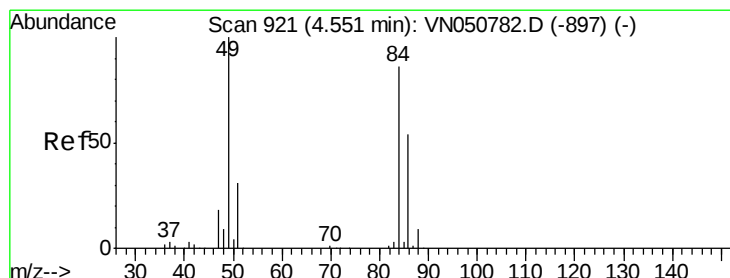
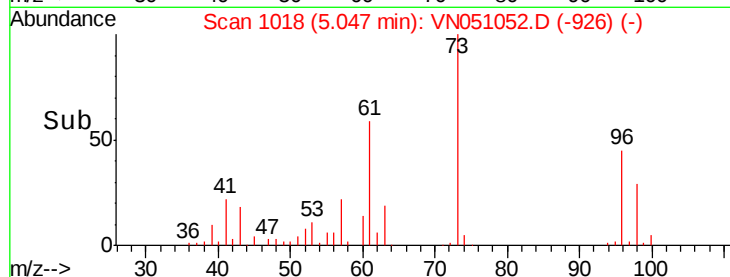
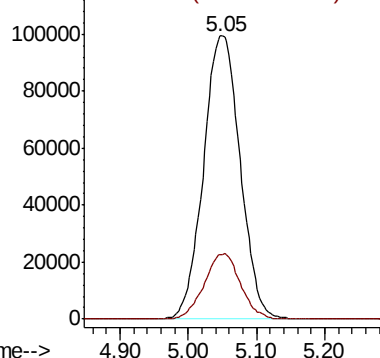
73 100

57 22.8 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VNC

Ion 57.00 (56.70 to 57.70): VNC



#20

Methylene Chloride

Concen: 19.40 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Tgt Ion: 84 Resp: 157501

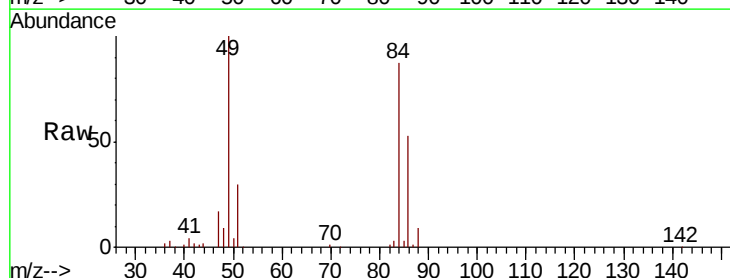
Ion Ratio Lower Upper

84 100

49 114.9 93.2 139.8

51 34.6 29.0 43.6

86 60.9 49.8 74.8

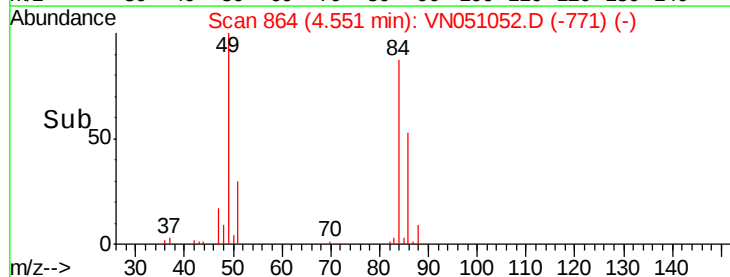
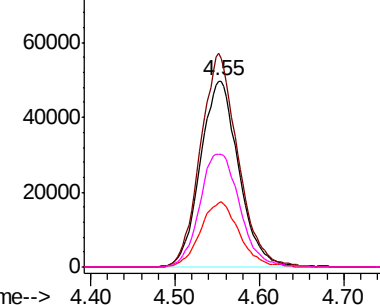


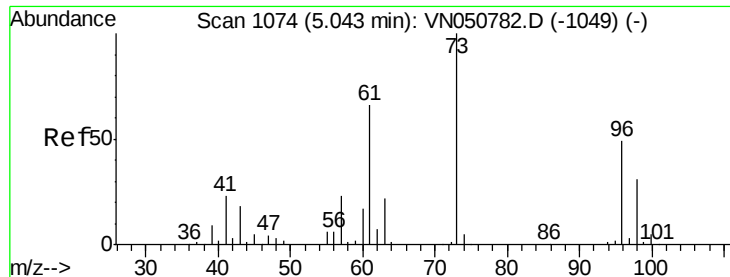
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#21

trans-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

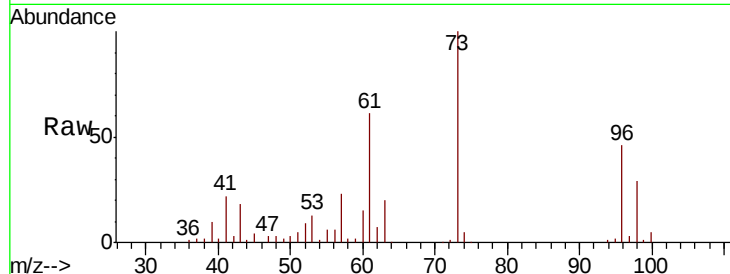
Tot Ion: 96 Resp: 142427

Ion Ratio Lower Upper

96 100

61 130.6 107.4 161.0

98 63.1 50.7 76.1

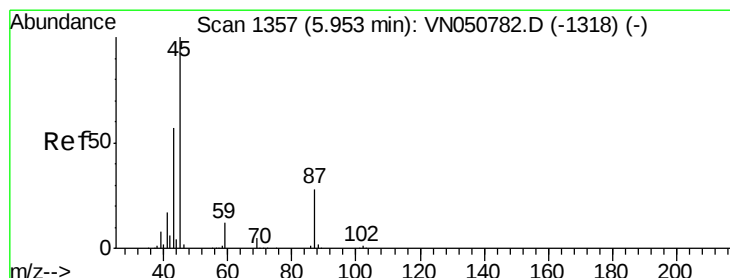
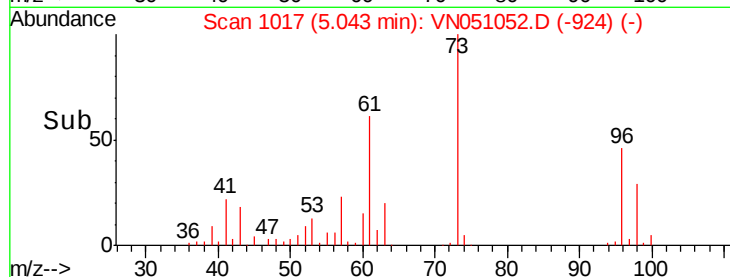
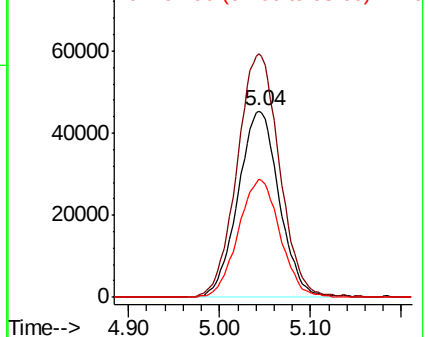


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.59 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Tgt Ion: 45 Resp: 429867

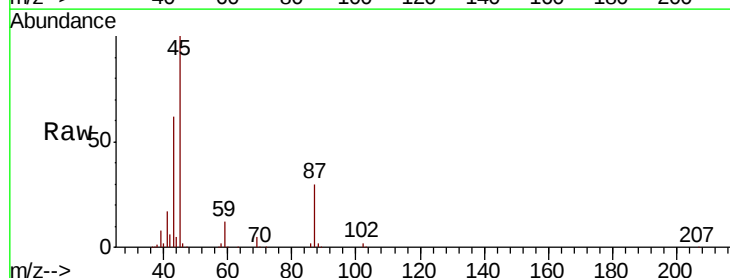
Ion Ratio Lower Upper

45 100

43 60.6 45.9 68.9

87 29.8 22.7 34.1

59 12.0 9.3 13.9



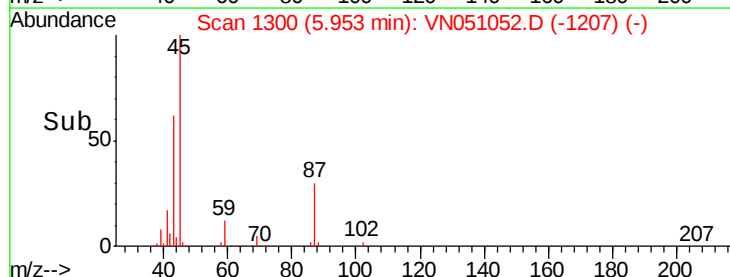
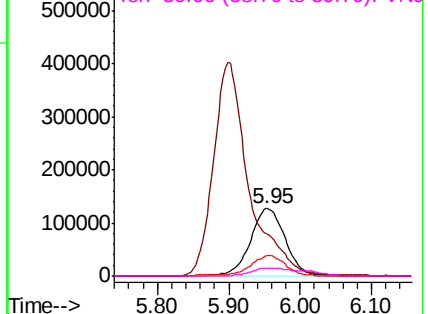
Abundance

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

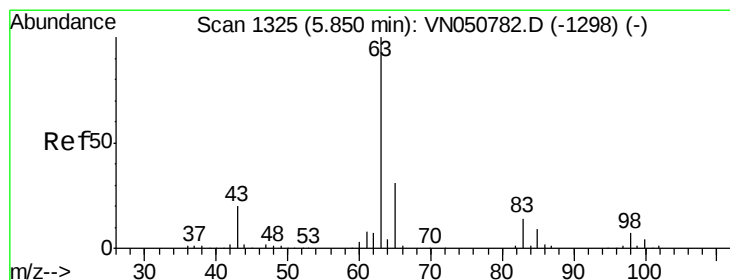
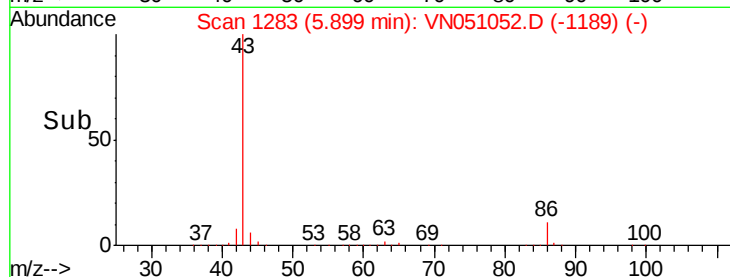
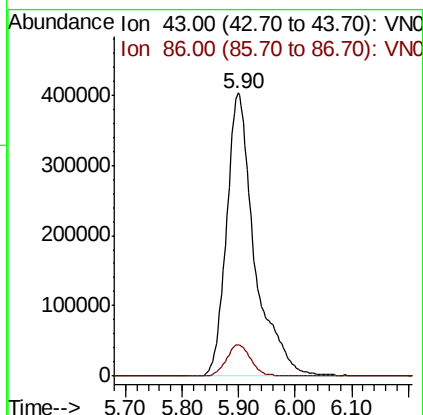
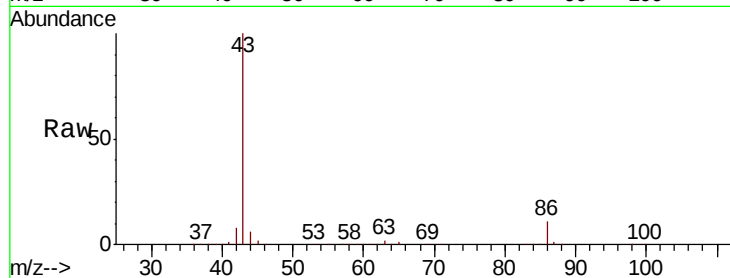




#23
 Vinyl Acetate
 Concen: 103.41 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

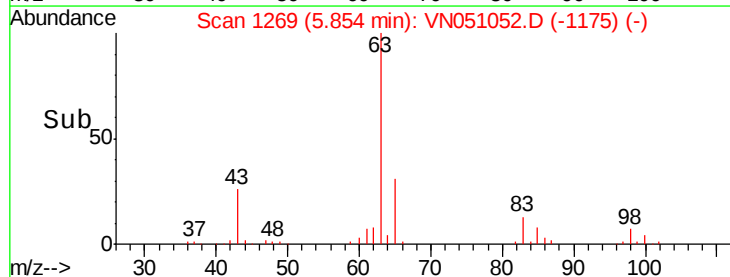
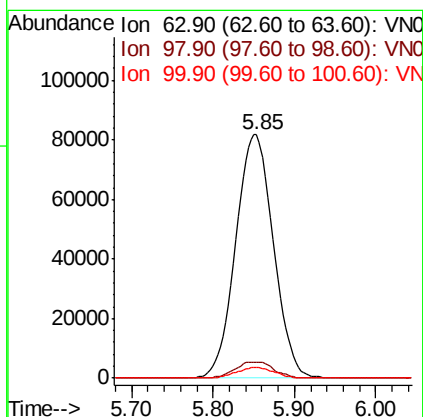
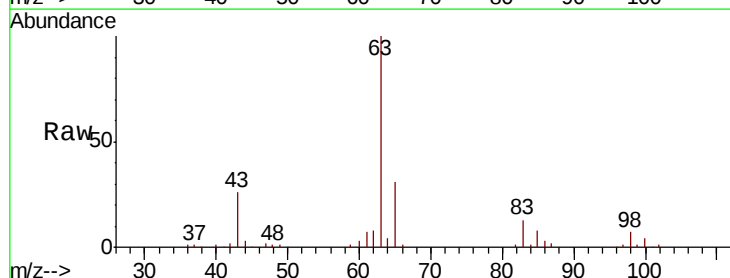
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

Tot Ion: 43 Resp: 1390080
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.50 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 63 Resp: 261271
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 101.57 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

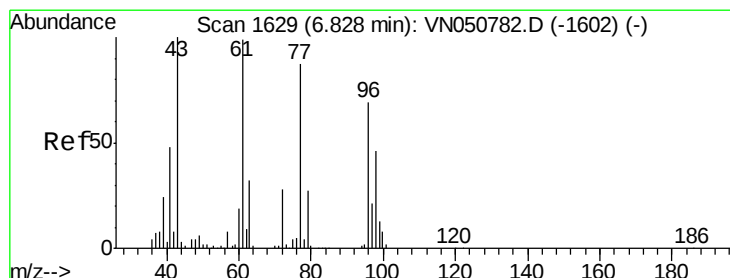
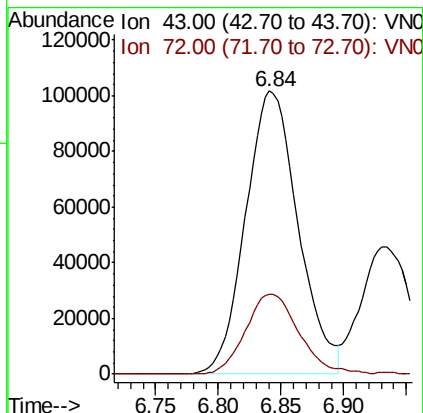
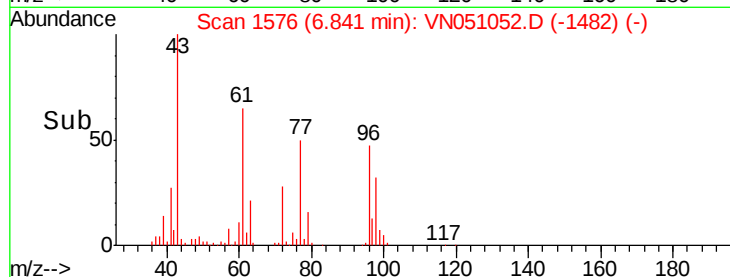
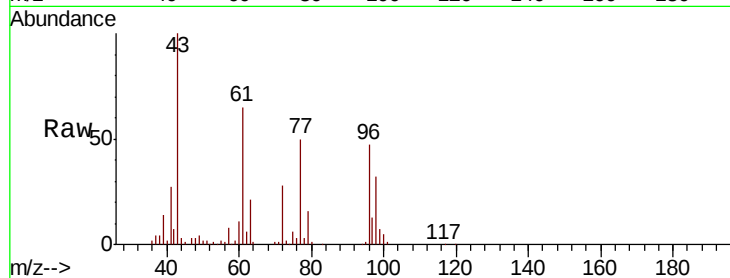
VN0907MBSD01

Tot Ion: 43 Resp: 294906

Ion Ratio Lower Upper

43 100

72 28.3 22.3 33.5



#26

2,2-Dichloropropane

Concen: 18.71 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051052.D

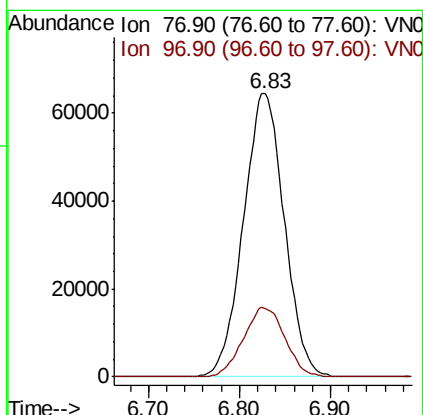
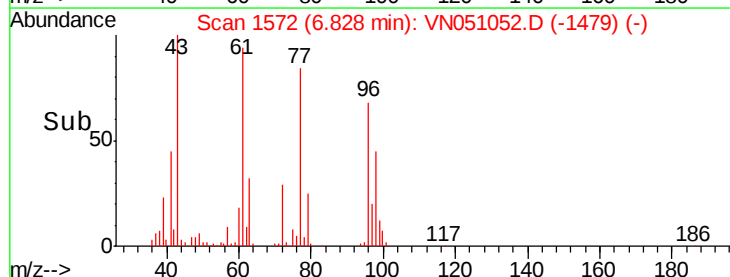
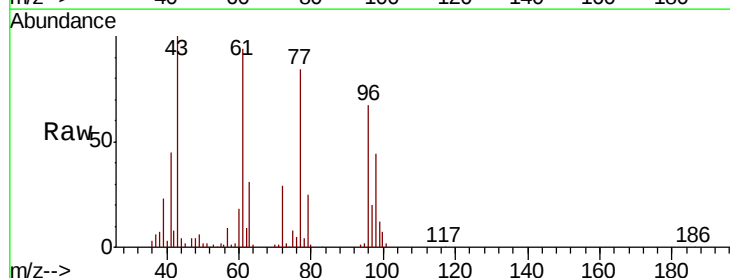
Acq: 7 Sep 2018 14:36

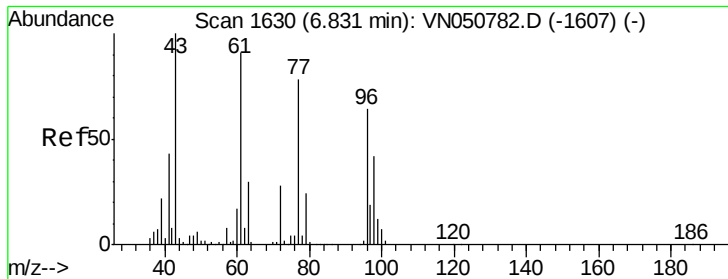
Tgt Ion: 77 Resp: 201423

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.82 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

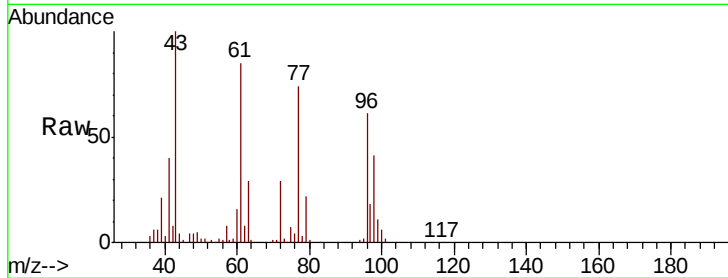
Tot Ion: 96 Resp: 155377

Ion Ratio Lower Upper

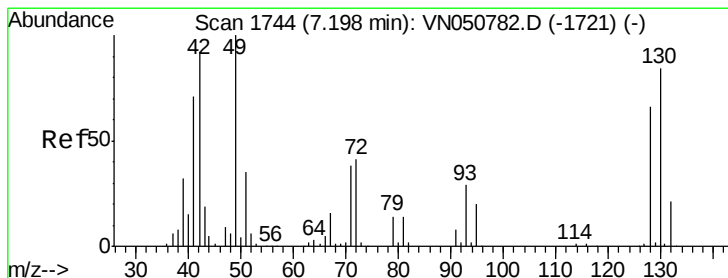
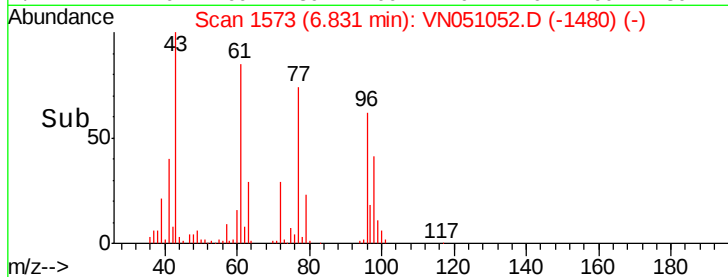
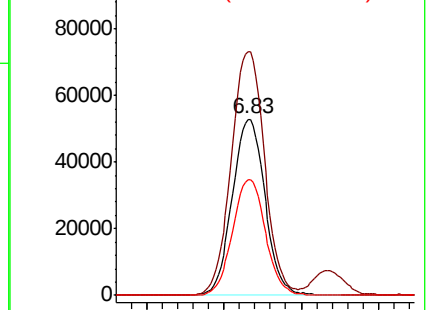
96 100

61 141.1 0.0 283.4

98 66.1 0.0 129.8



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



#28

Bromochloromethane

Concen: 17.98 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

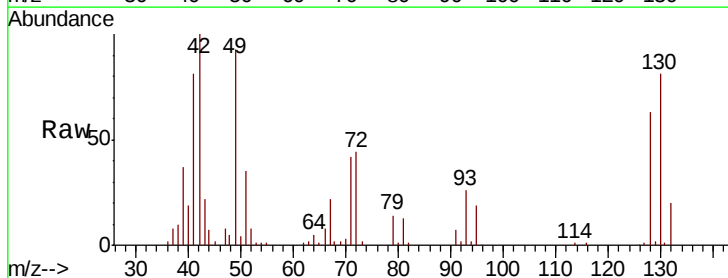
Tgt Ion: 49 Resp: 102407

Ion Ratio Lower Upper

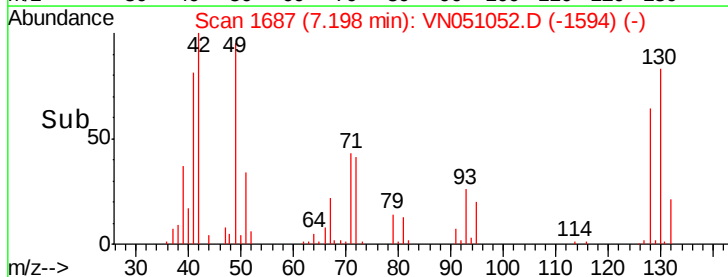
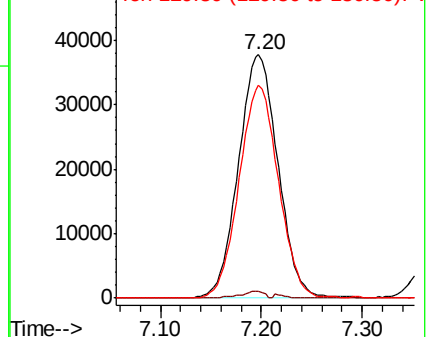
49 100

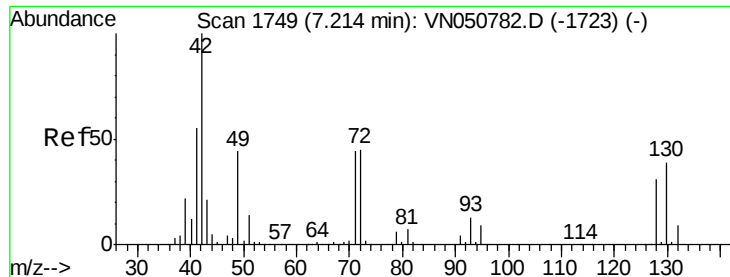
129 1.6 0.0 4.2

130 87.2 67.1 100.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

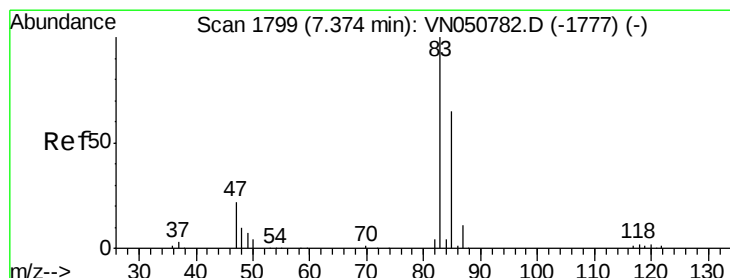
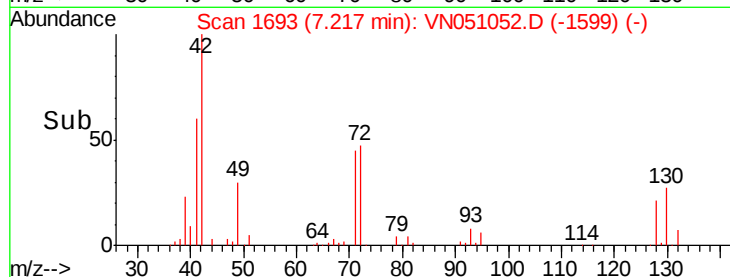
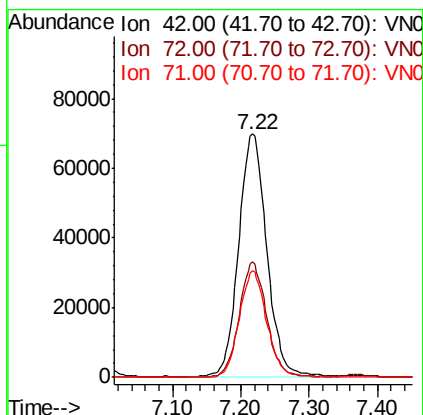
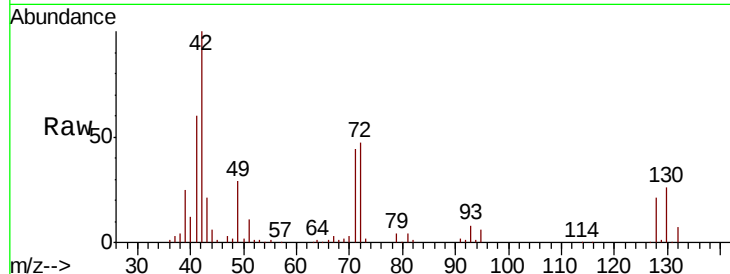




#29
Tetrahydrofuran
Concen: 121.34 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

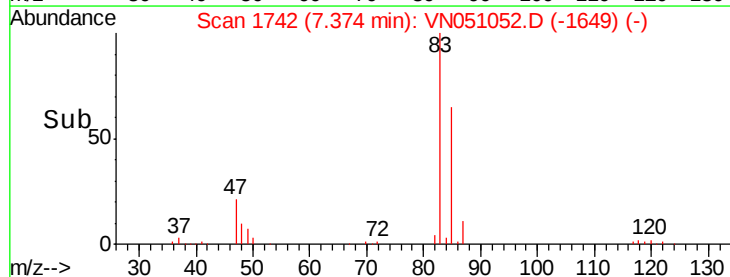
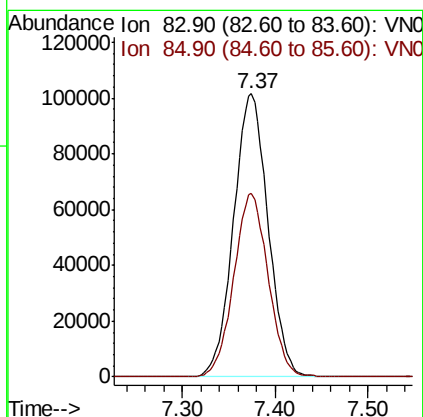
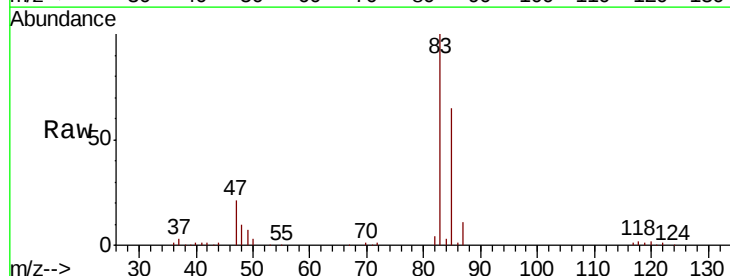
Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

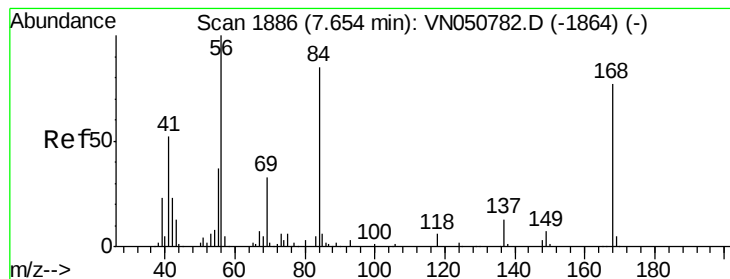
Tot Ion: 42 Resp: 201985
Ion Ratio Lower Upper
42 100
72 45.3 35.5 53.3
71 42.5 33.7 50.5



#30
Chloroform
Concen: 19.75 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 83 Resp: 262081
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4





#31

Cyclohexane

Concen: 19.68 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :
MSVOA_N
ClientSampled :
VN0907MBS01

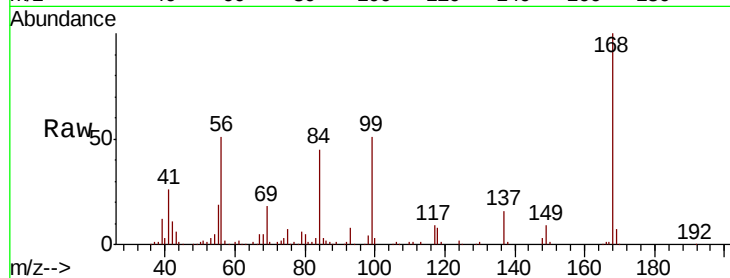
Tot Ion: 56 Resp: 236220

Ion Ratio Lower Upper

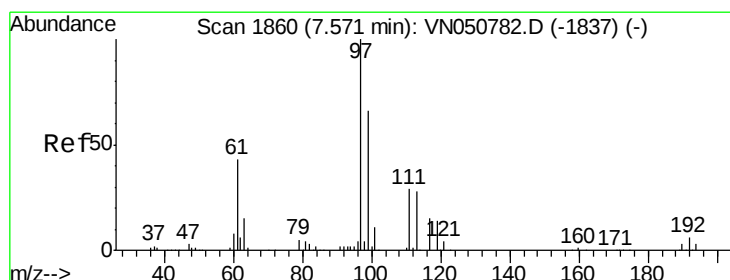
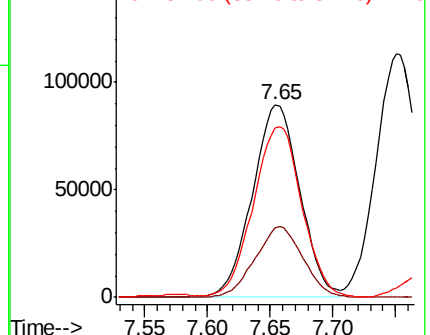
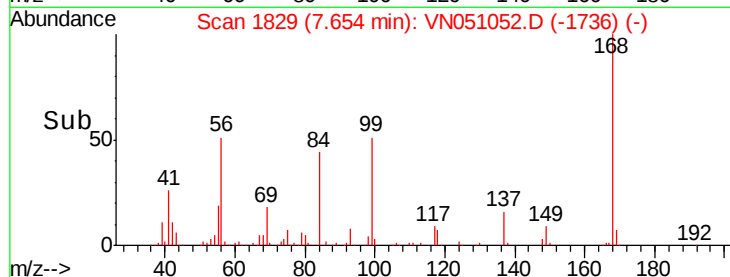
56 100

69 35.9 26.2 39.4

84 86.6 68.3 102.5



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



#32

1,1,1-Trichloroethane

Concen: 19.43 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

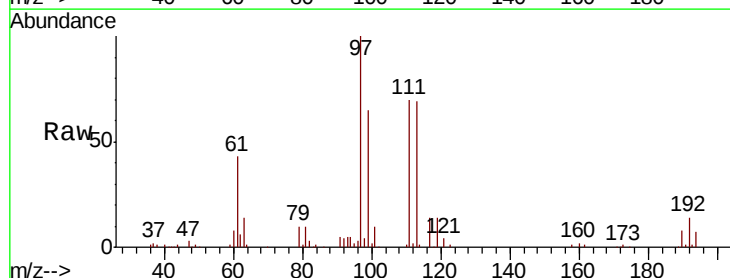
Tgt Ion: 97 Resp: 221484

Ion Ratio Lower Upper

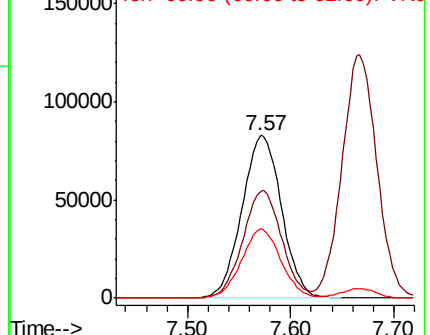
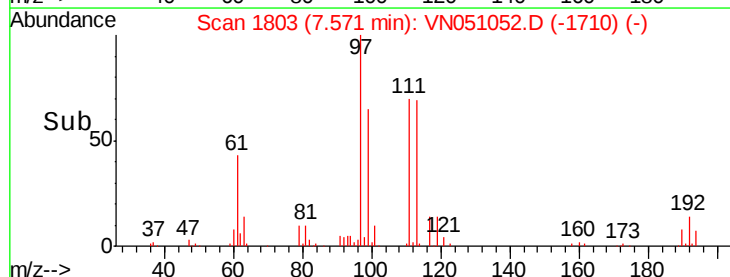
97 100

99 64.8 51.8 77.6

61 42.3 34.9 52.3



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

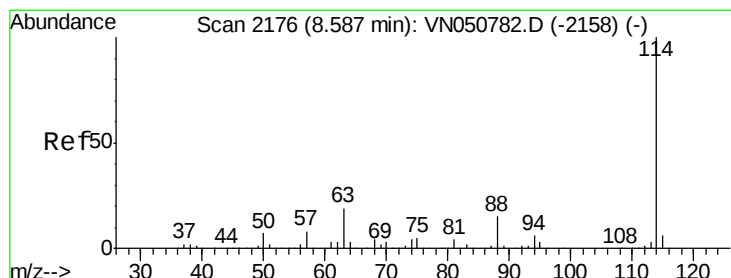
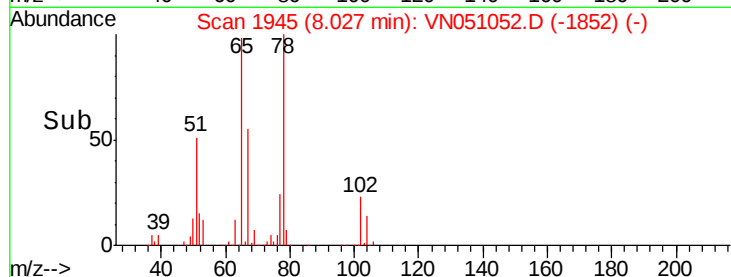
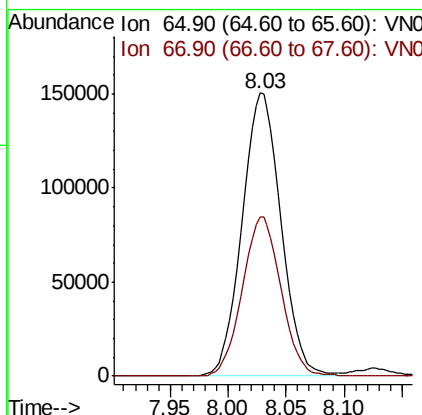
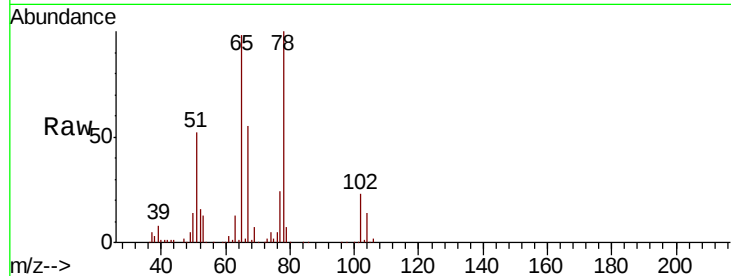




#33
 1,2-Dichloroethane-d4
 Concen: 48.73 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

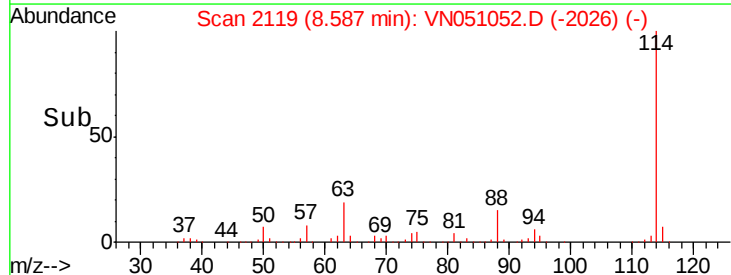
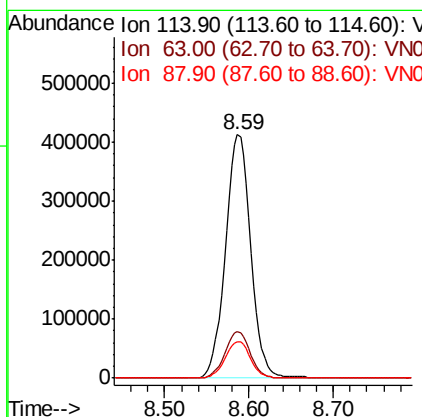
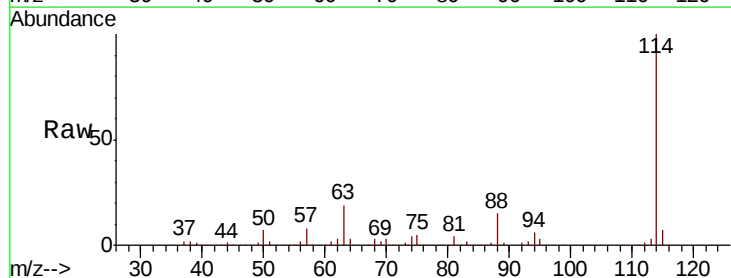
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

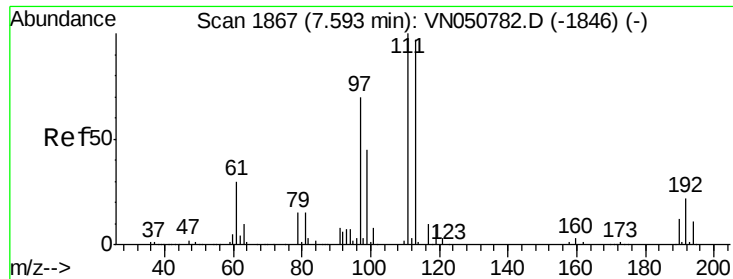
Tot Ion: 65 Resp: 351053
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 114 Resp: 856377
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.6

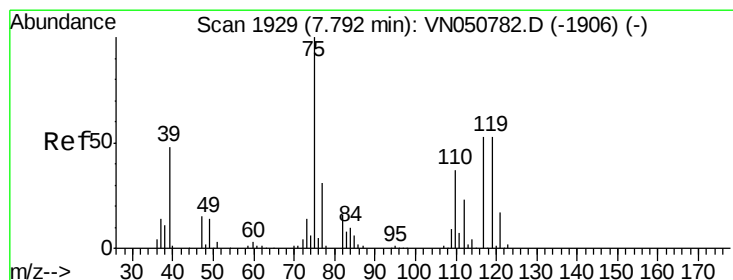
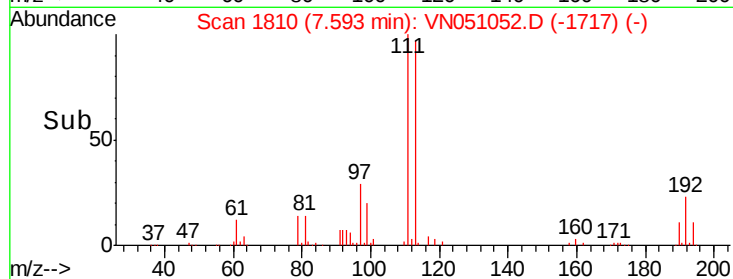
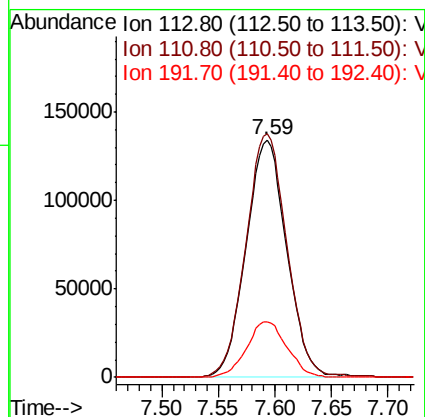
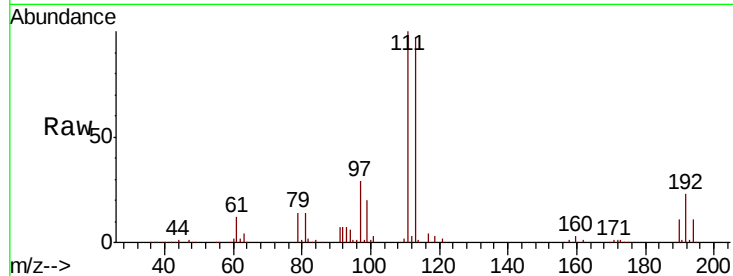




#35
 Dibromofluoromethane
 Concen: 49.17 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

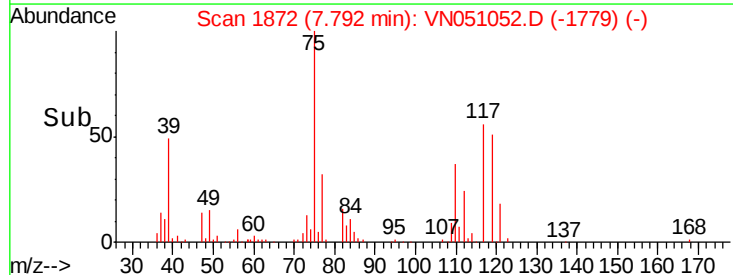
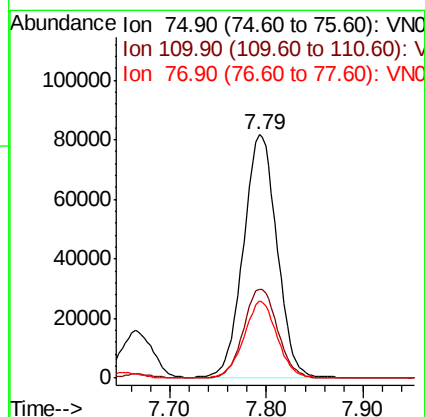
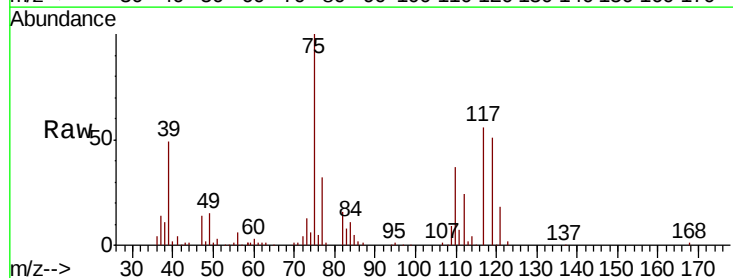
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

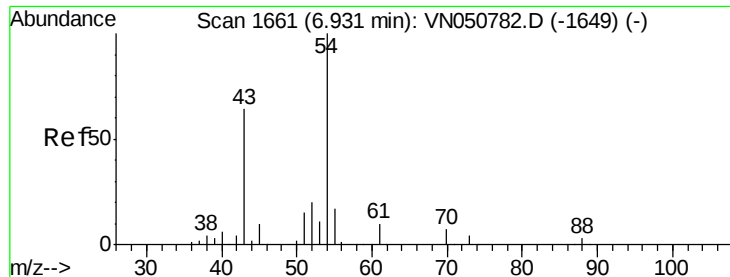
Tot Ion:113 Resp: 334969
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.6 123.8
 192 23.4 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 19.42 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 75 Resp: 196281
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.1 54.4
 77 31.5 24.8 37.2

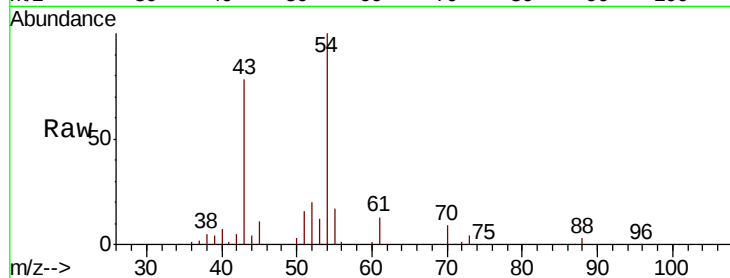




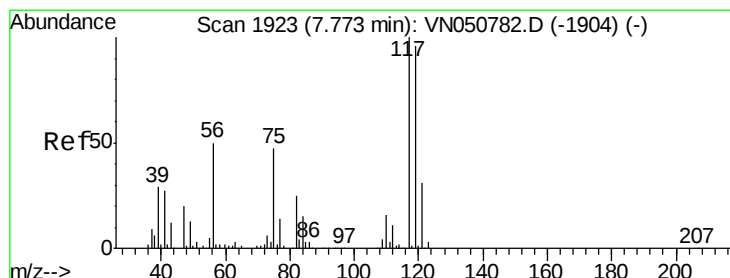
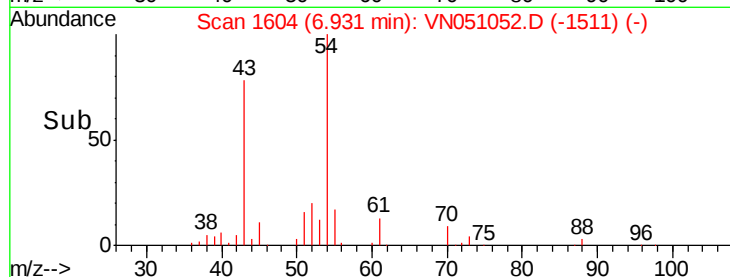
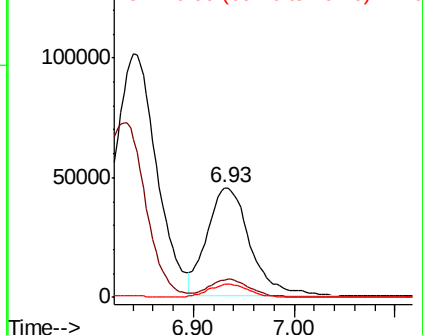
#37
Ethyl Acetate
Concen: 23.06 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Instrument :
MSVOA_N
ClientSampleID :
VN0907MBSD01

Tot Ion: 43 Resp: 133857
Ion Ratio Lower Upper
43 100
61 15.5 12.0 18.0
70 11.4 8.6 13.0

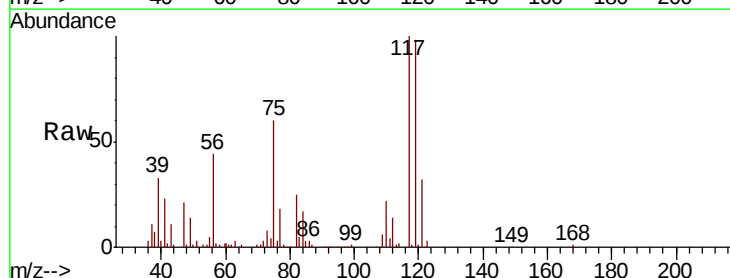


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

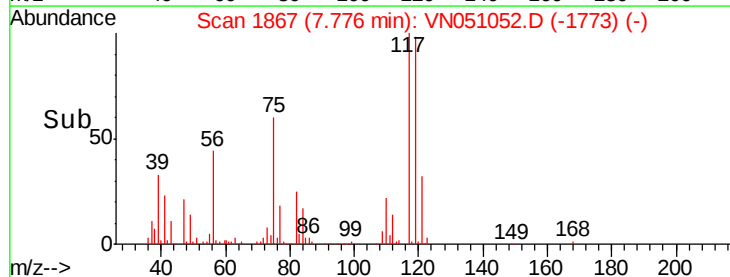
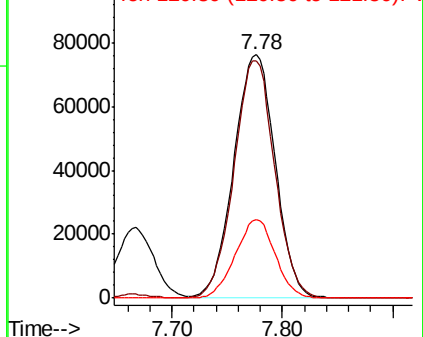


#38
Carbon Tetrachloride
Concen: 19.41 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 117 Resp: 198246
Ion Ratio Lower Upper
117 100
119 97.3 76.3 114.5
121 32.1 24.6 36.8



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

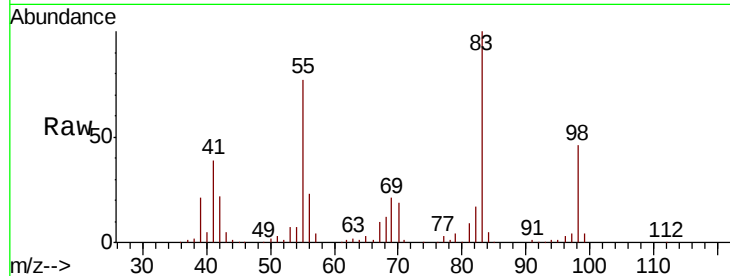




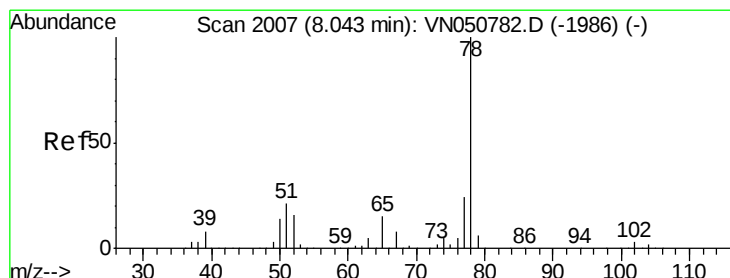
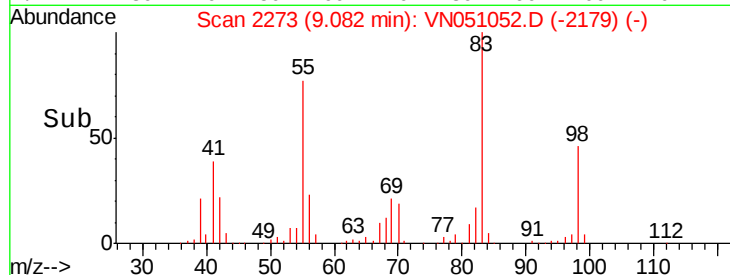
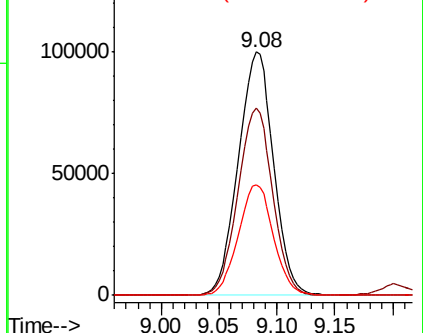
#39
Methvlcvclohexane
Concen: 19.39 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

Tot Ion: 83 Resp: 211963
Ion Ratio Lower Upper
83 100
55 77.1 61.0 91.4
98 45.5 37.5 56.3

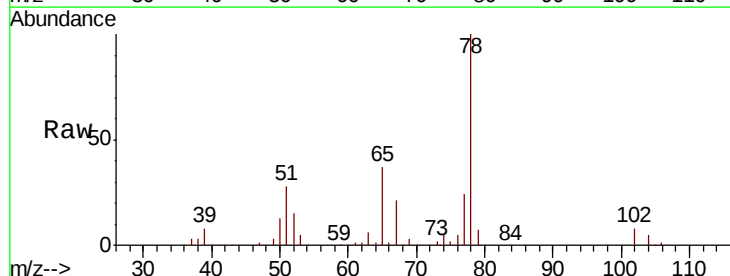


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

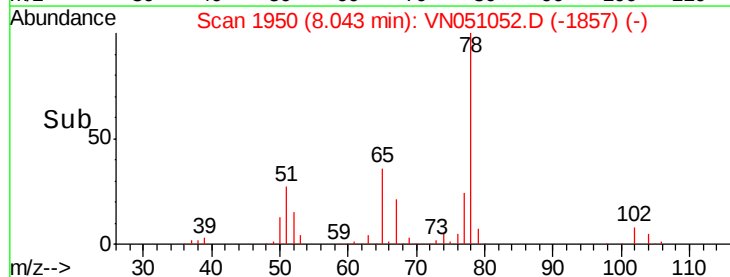
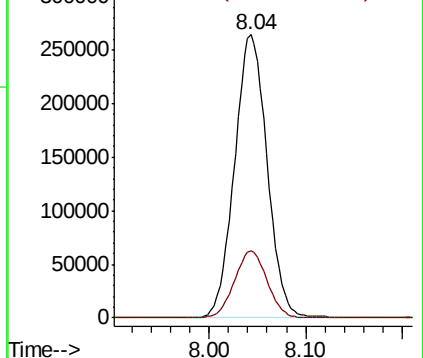


#40
Benzene
Concen: 20.30 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 78 Resp: 618600
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



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

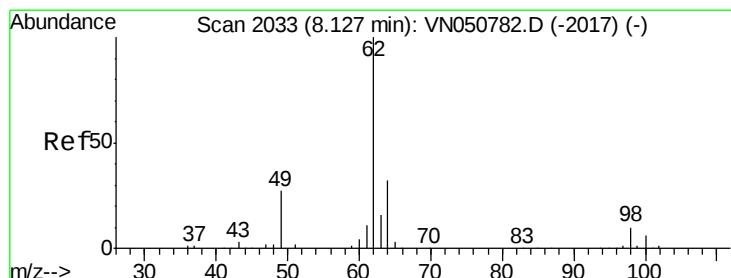
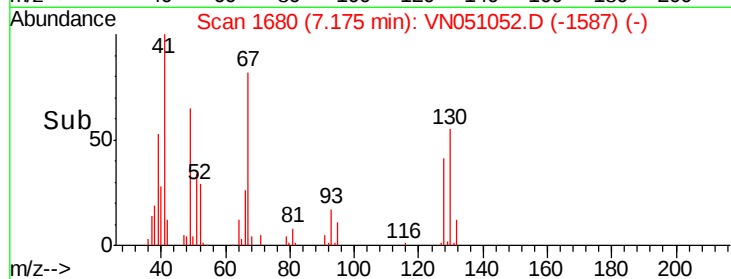
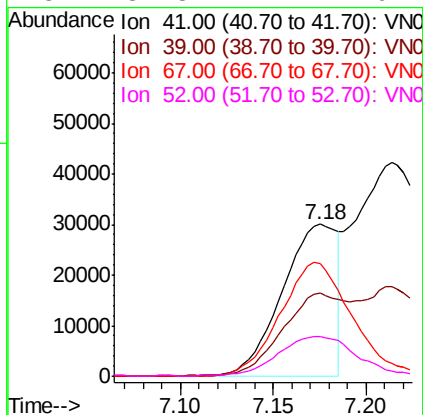
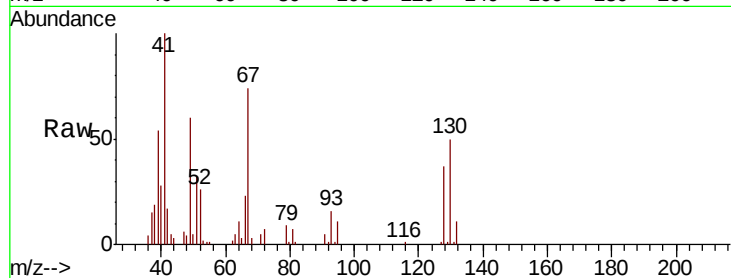




#41
Methacrylonitrile
Concen: 19.77 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

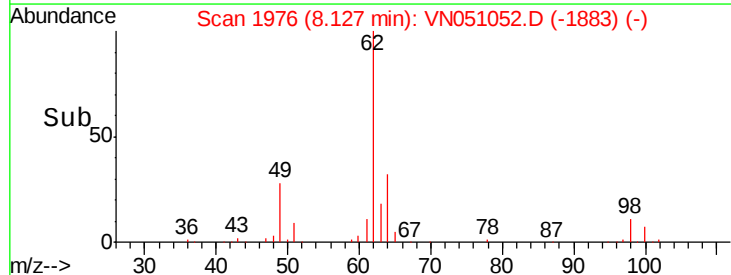
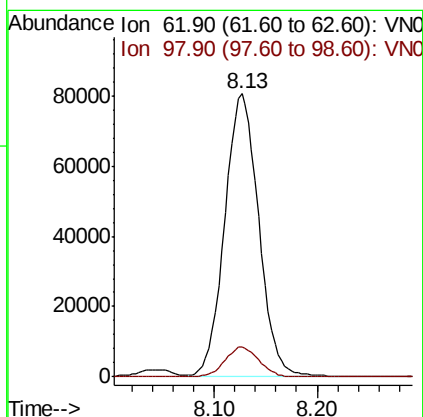
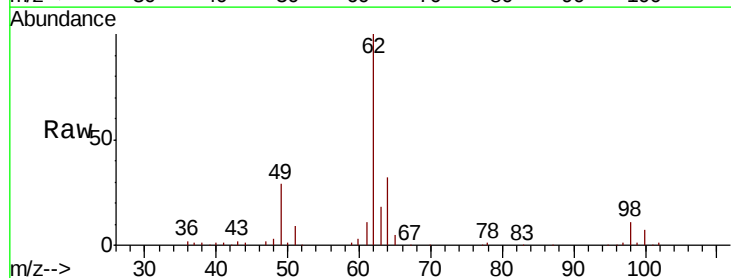
Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

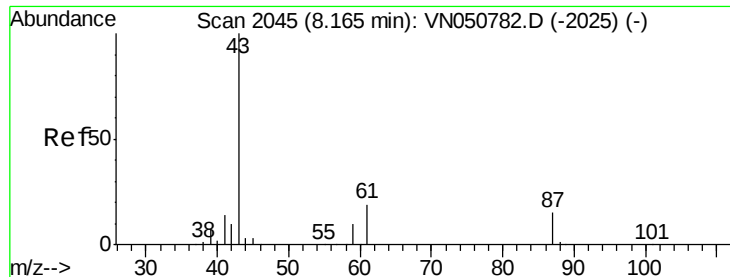
Tot Ion:	41	Resp:	62105
Ion	Ratio	Lower	Upper
41	100		
39	63.2	45.4	68.0
67	98.3	70.6	106.0
52	37.8	27.1	40.7



#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion:	62	Resp:	184292
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 22.48 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

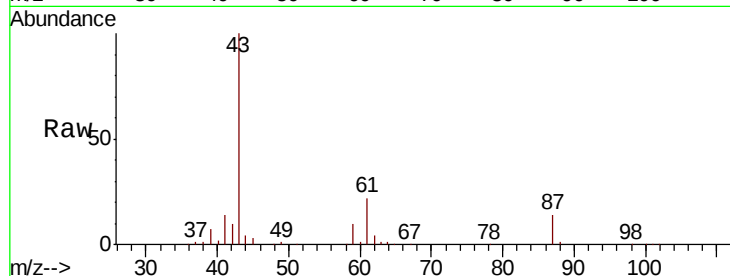
Tot Ion: 43 Resp: 224366

Ion Ratio Lower Upper

43 100

61 30.7 17.5 26.3#

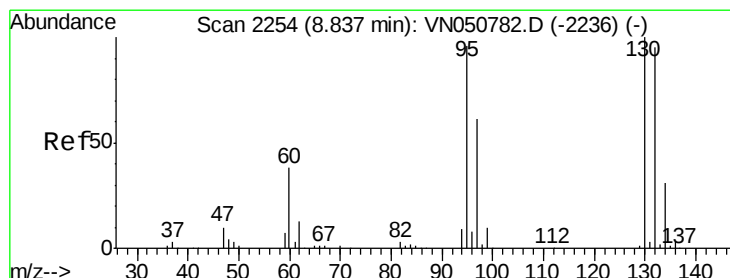
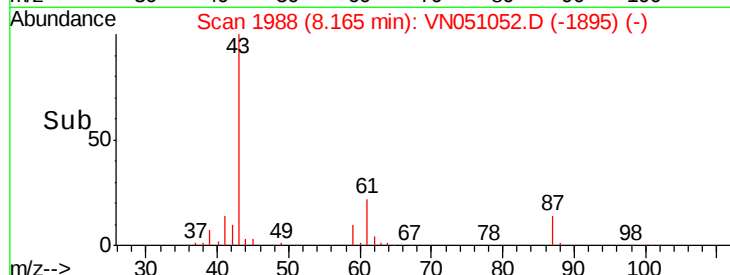
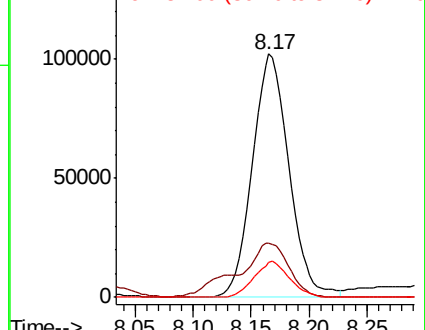
87 14.4 11.3 16.9



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: 20.41 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051052.D

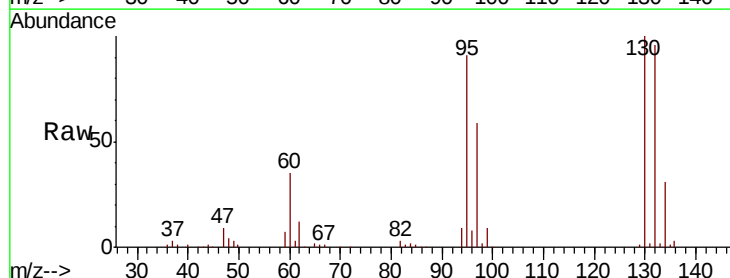
Acq: 7 Sep 2018 14:36

Tgt Ion:130 Resp: 164028

Ion Ratio Lower Upper

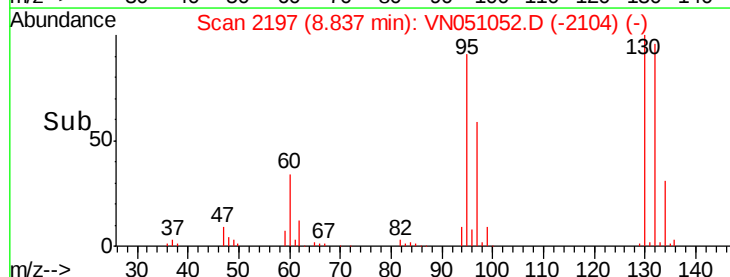
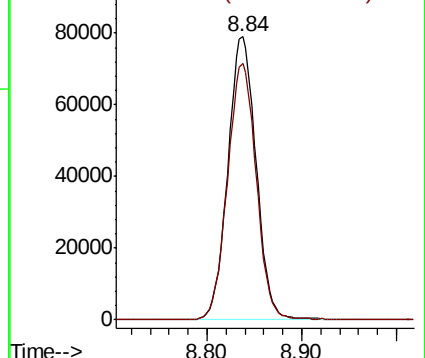
130 100

95 90.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

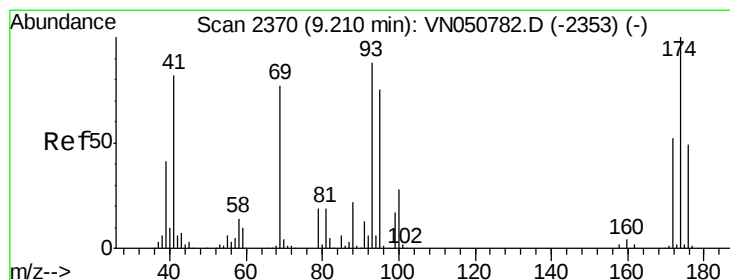
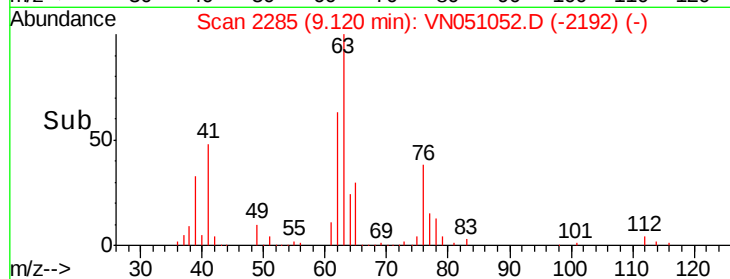
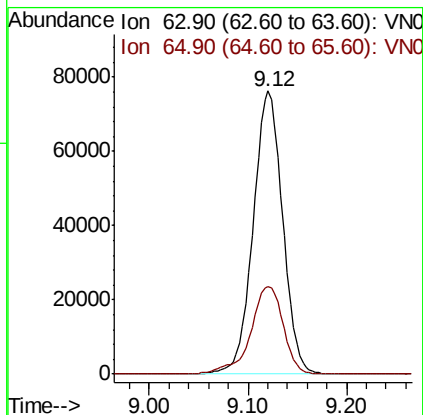
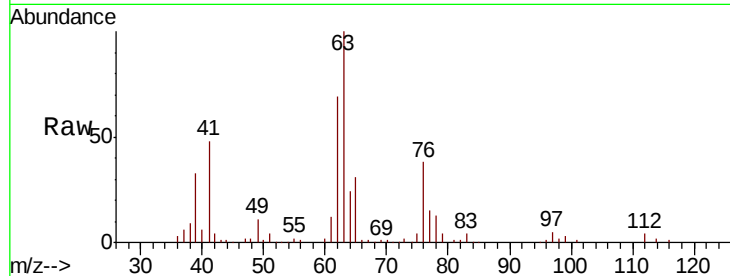




#45
 1,2-Dichloropropane
 Concen: 19.60 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

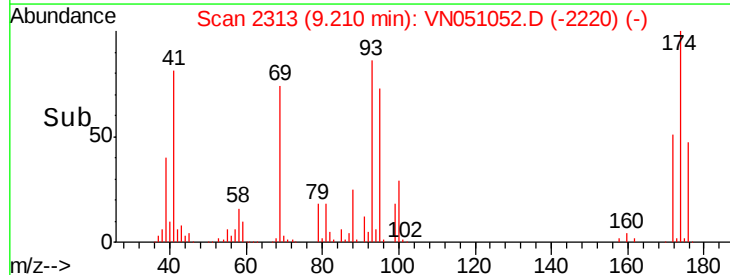
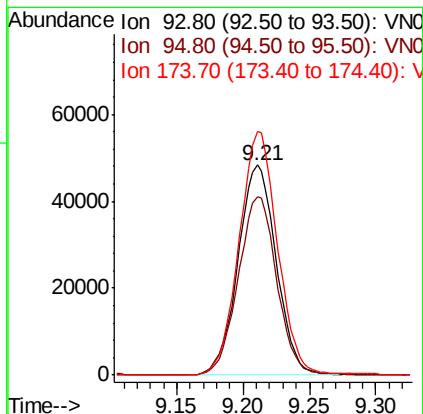
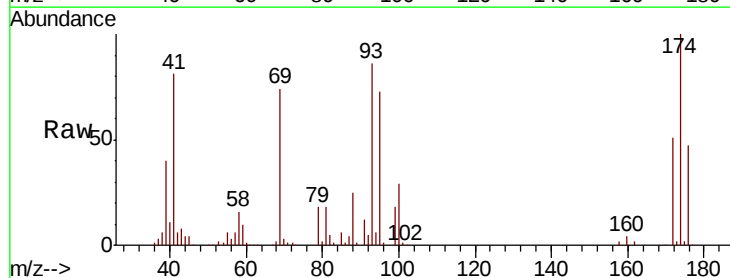
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

Tot Ion: 63 Resp: 157013
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 20.57 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 93 Resp: 96809
 Ion Ratio Lower Upper
 93 100
 95 85.8 66.7 100.1
 174 116.5 89.8 134.6





#47

Bromodichloromethane

Concen: 19.83 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBS01

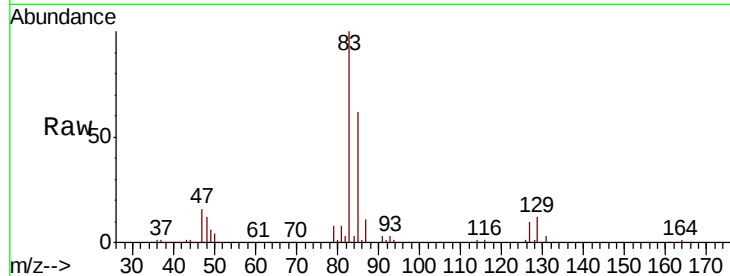
Tot Ion: 83 Resp: 195424

Ion Ratio Lower Upper

83 100

85 62.3 52.6 78.8

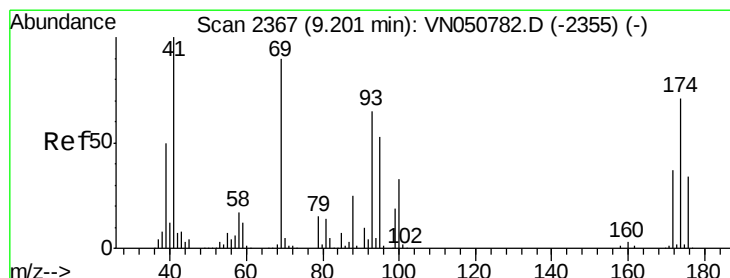
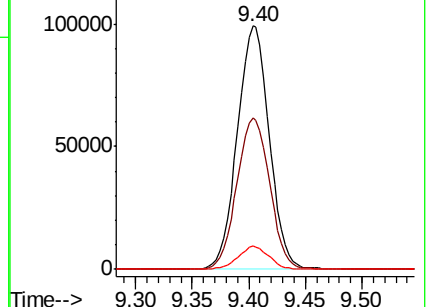
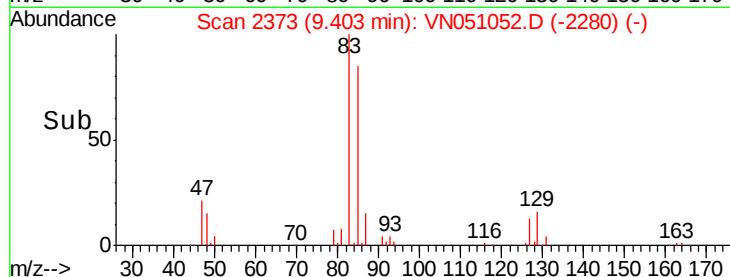
127 9.6 7.2 10.8



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): V



#48

Methyl methacrylate

Concen: 21.97 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

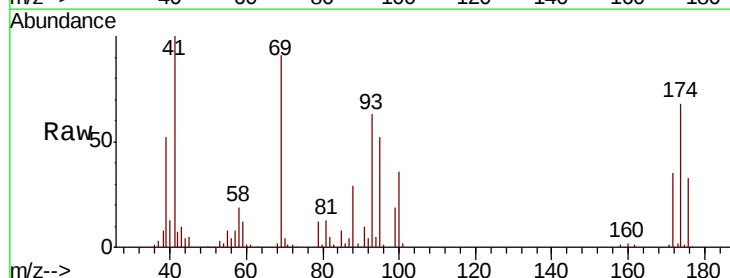
Tgt Ion: 41 Resp: 111771

Ion Ratio Lower Upper

41 100

69 94.1 74.7 112.1

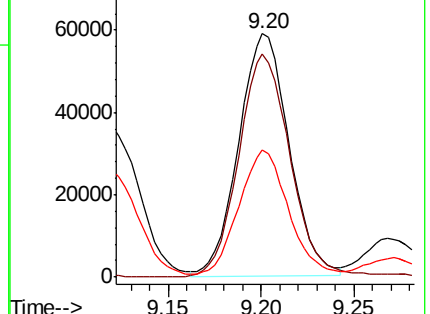
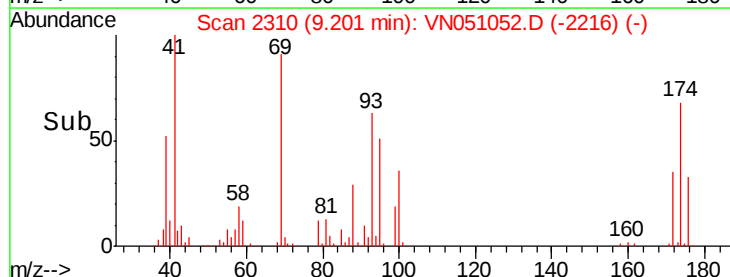
39 51.5 42.2 63.2

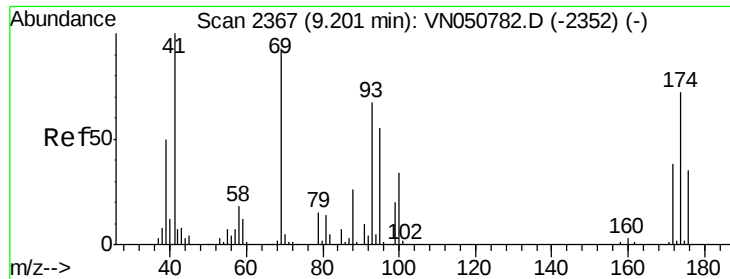


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 516.58 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

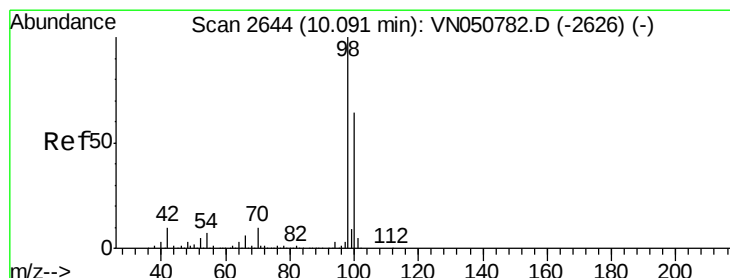
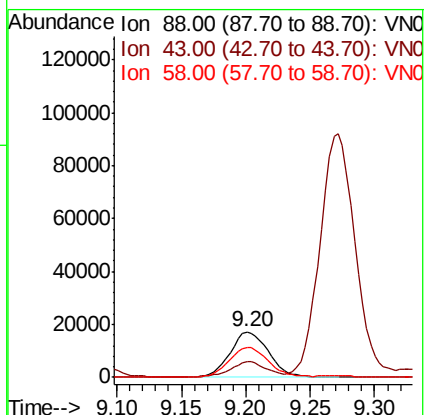
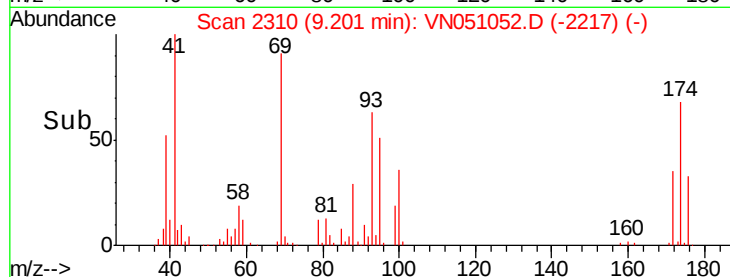
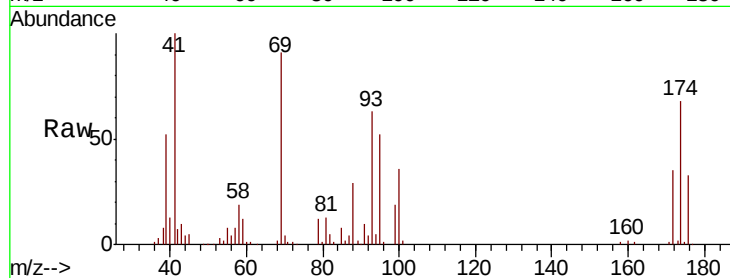
Tot Ion: 88 Resp: 35821

Ion Ratio Lower Upper

88 100

43 29.9 25.9 38.9

58 66.5 55.0 82.4



#50

Toluene-d8

Concen: 49.57 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051052.D

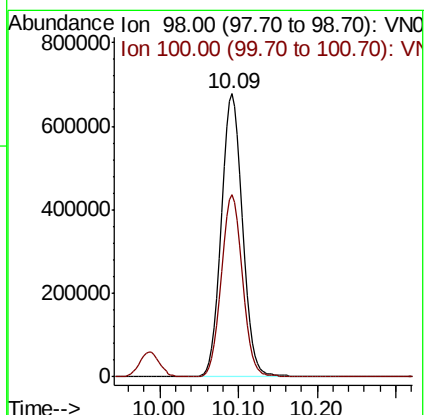
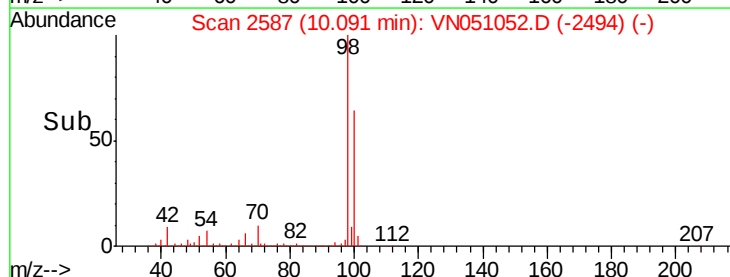
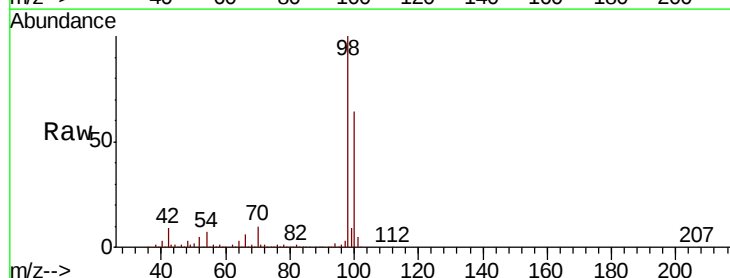
Acq: 7 Sep 2018 14:36

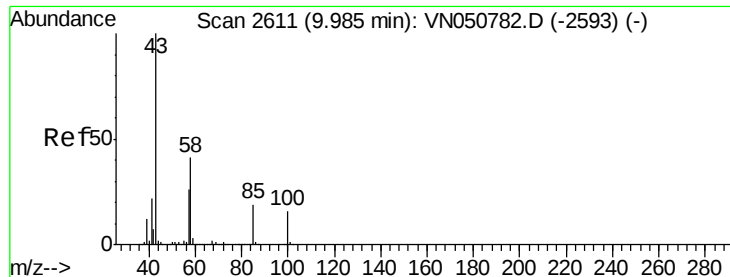
Tgt Ion: 98 Resp: 1262554

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

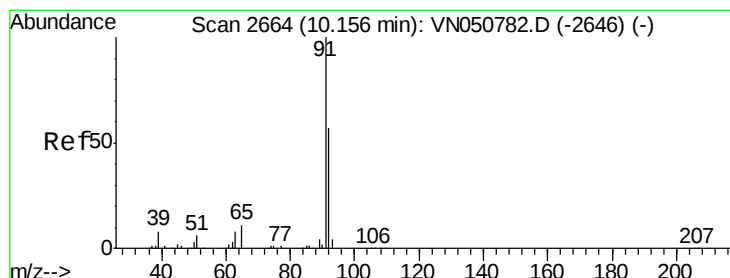
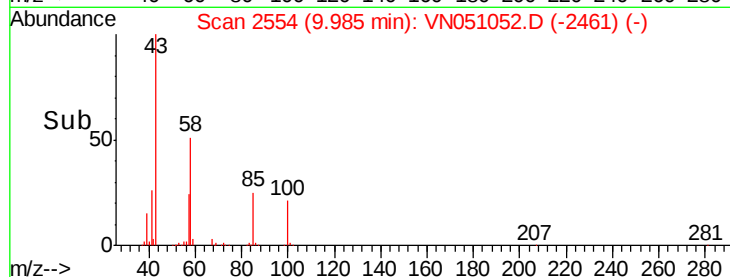
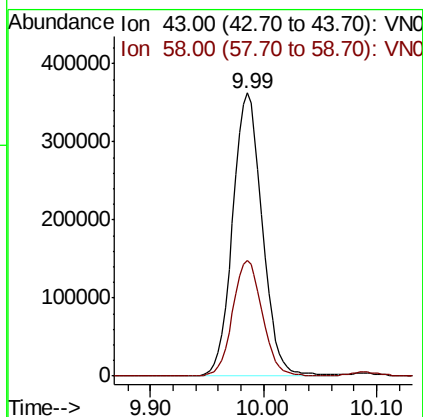
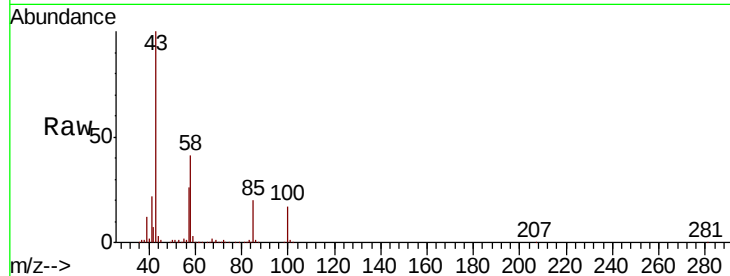




#51
 4-Methyl-2-Pentanone
 Concen: 110.85 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

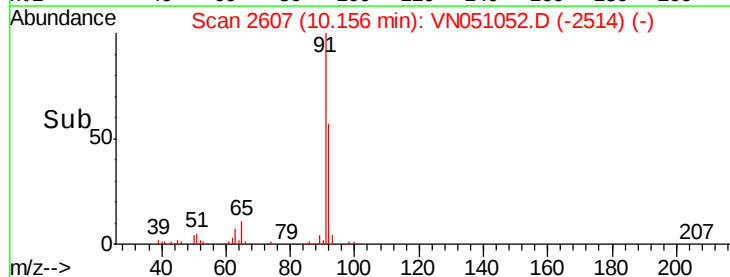
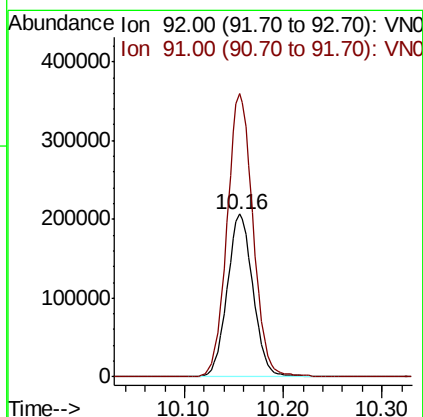
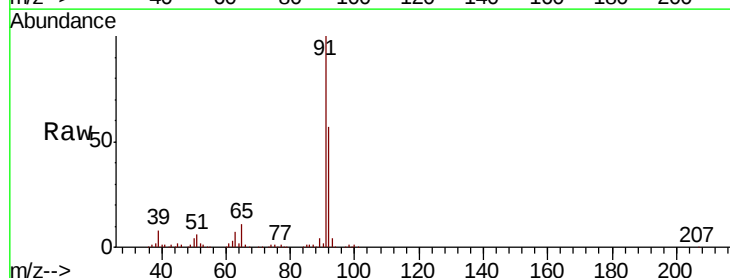
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

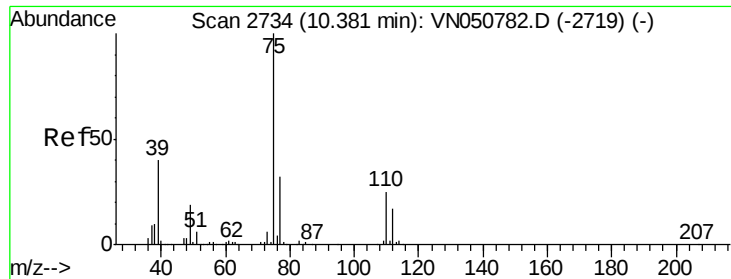
Tot Ion: 43 Resp: 660268
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.4 48.6



#52
 Toluene
 Concen: 21.02 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 92 Resp: 379383
 Ion Ratio Lower Upper
 92 100
 91 174.9 140.6 211.0

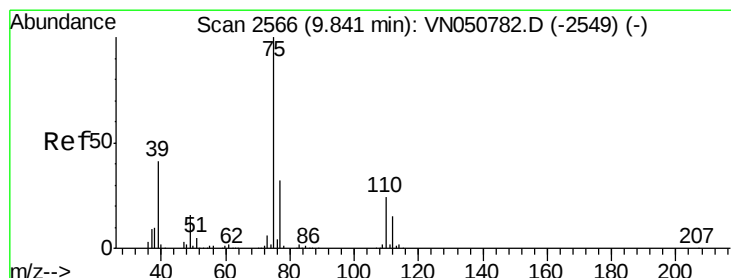
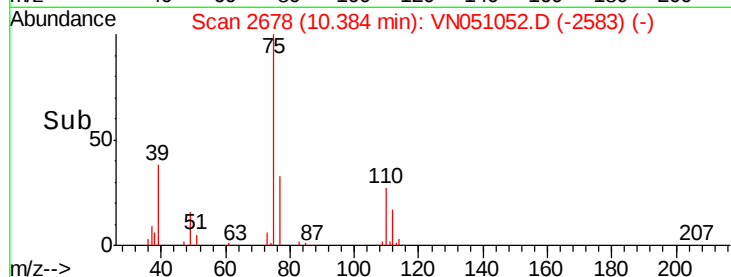
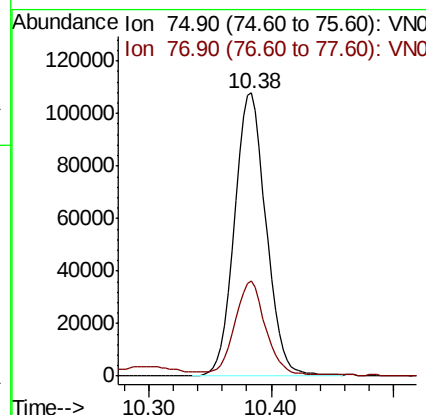
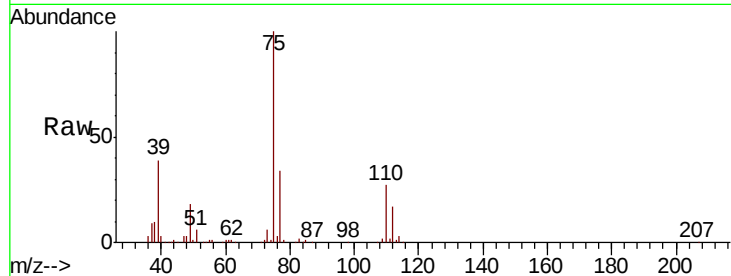




#53
t-1,3-Dichloropropene
Concen: 19.82 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

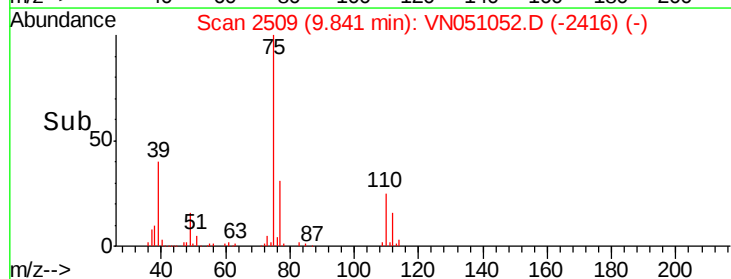
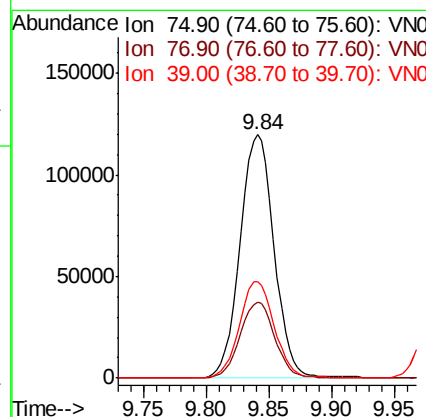
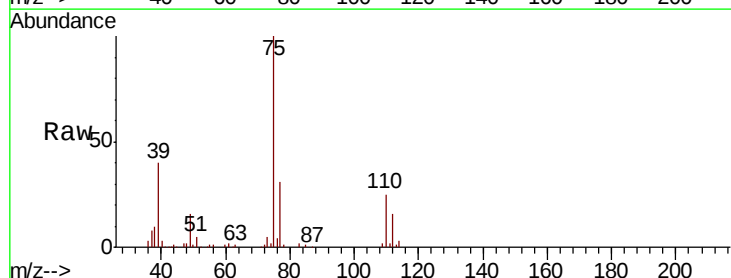
Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

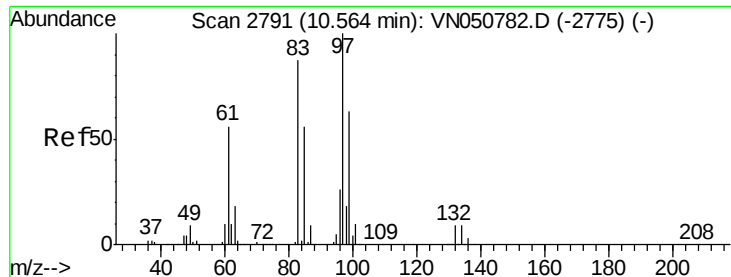
Tot Ion: 75 Resp: 194440
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.12 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 75 Resp: 226010
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 39.6 33.0 49.4

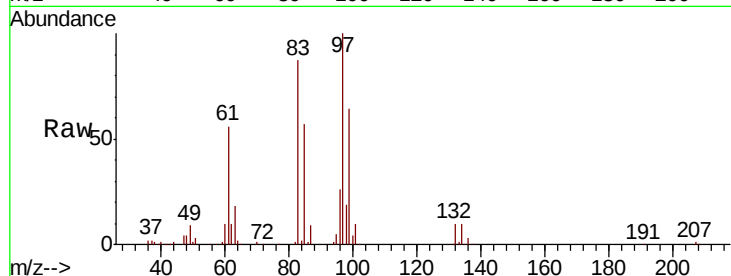




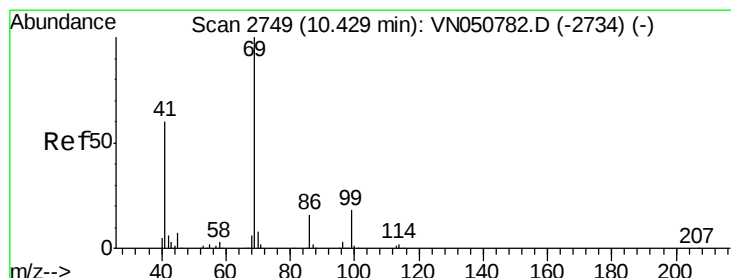
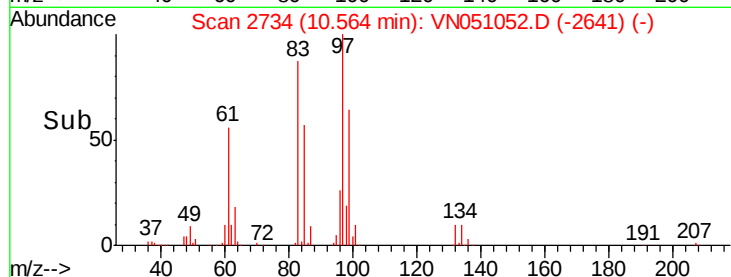
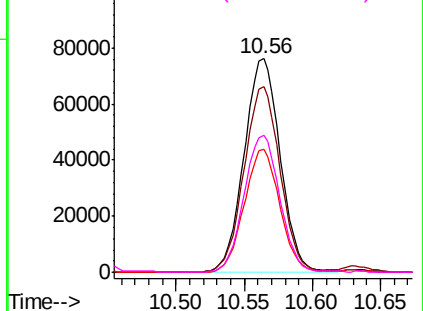
#55
 1,1,2-Trichloroethane
 Concen: 20.87 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

Tot Ion: 97 Resp: 139862
 Ion Ratio Lower Upper
 97 100
 83 86.7 69.7 104.5
 85 57.4 44.5 66.7
 99 64.1 50.7 76.1

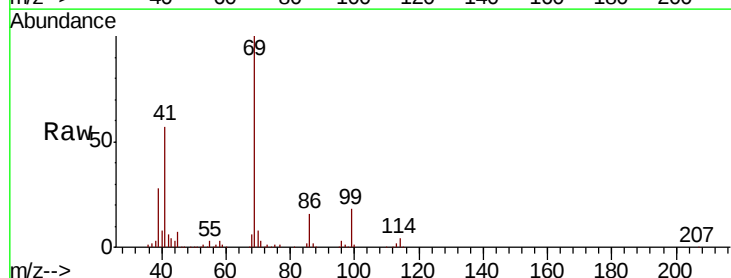


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

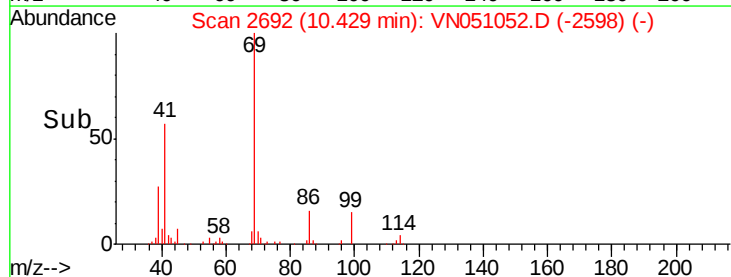
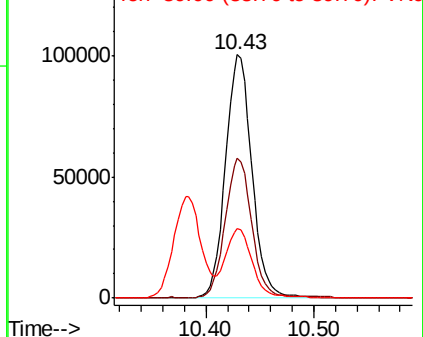


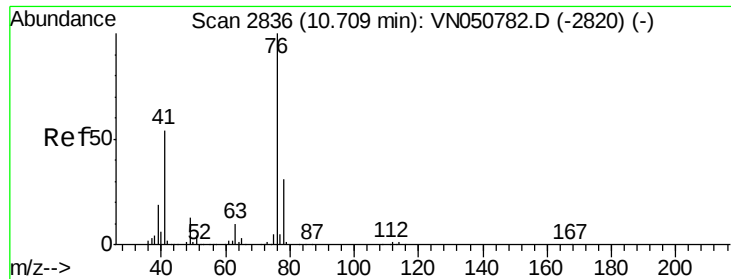
#56
 Ethyl methacrylate
 Concen: 21.15 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 69 Resp: 171973
 Ion Ratio Lower Upper
 69 100
 41 57.1 48.3 72.5
 39 28.2 24.0 36.0



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

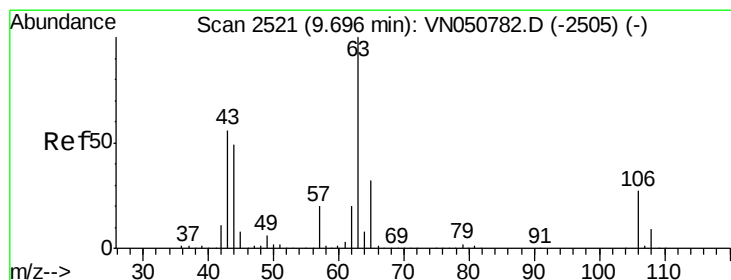
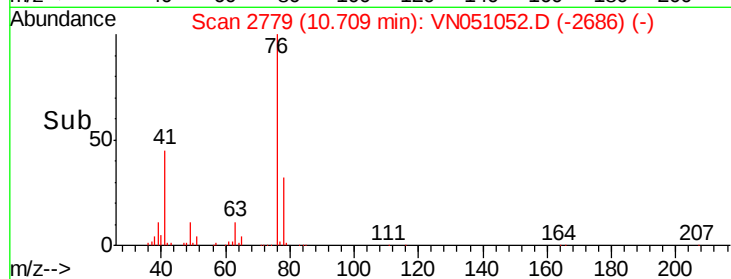
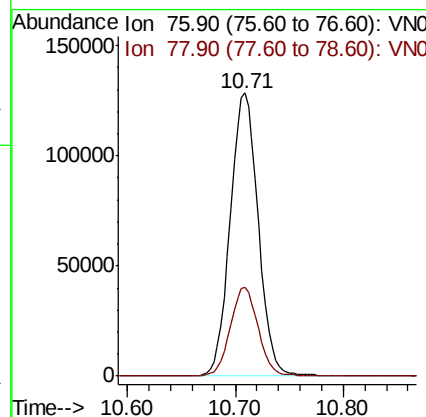
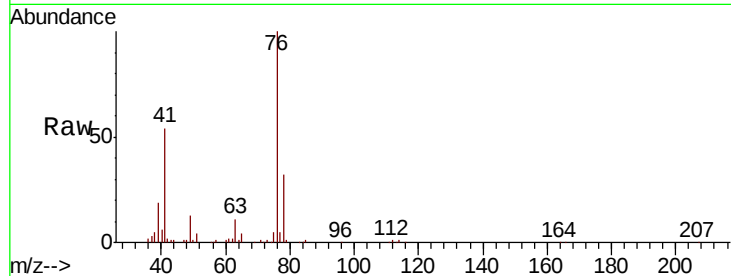




#57
 1,3-Dichloropropane
 Concen: 21.05 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

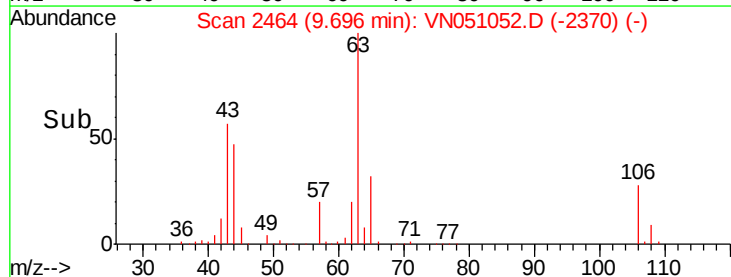
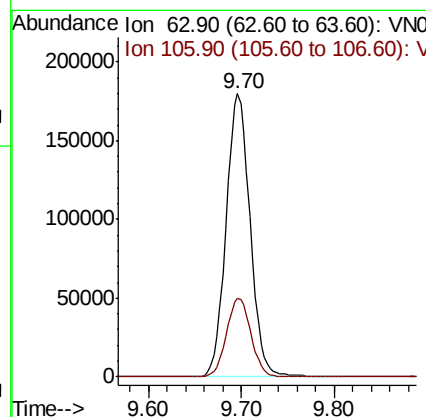
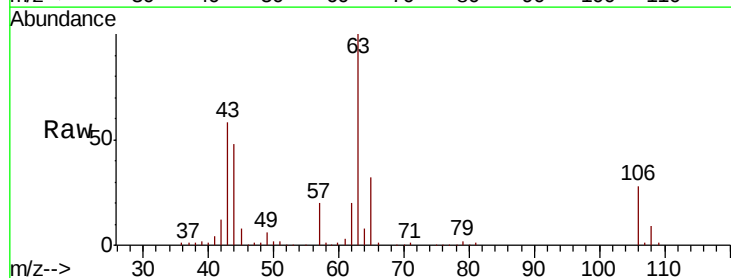
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

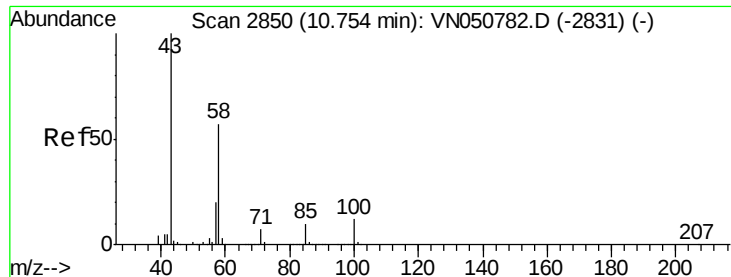
Tot Ion: 76 Resp: 232785
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.02 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 63 Resp: 323109
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.9 32.9

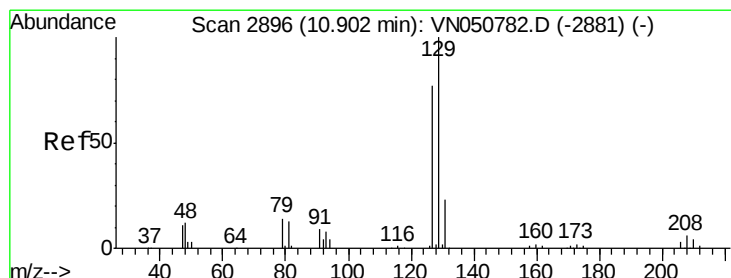
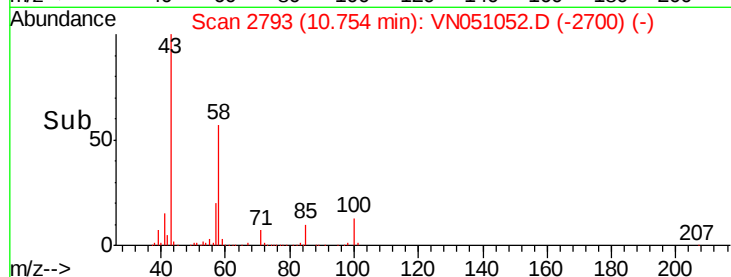
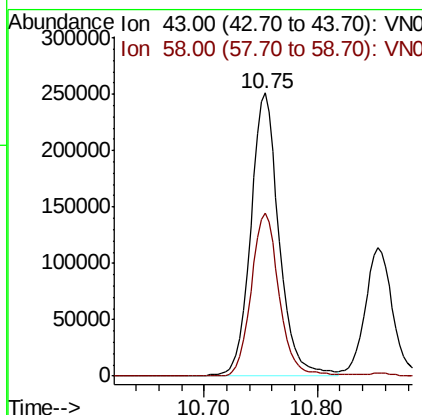
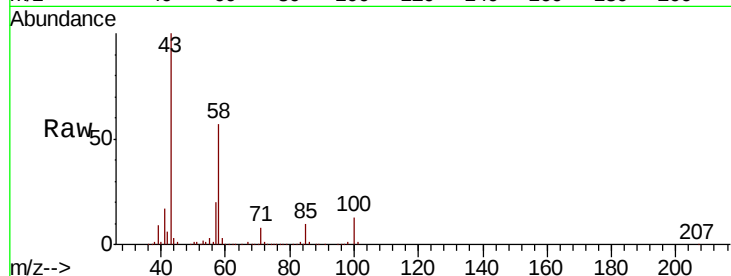




#59
2-Hexanone
Concen: 109.81 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

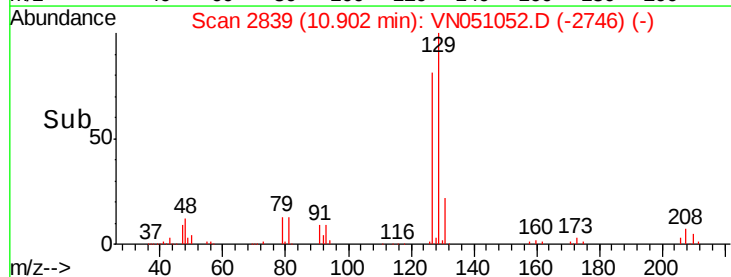
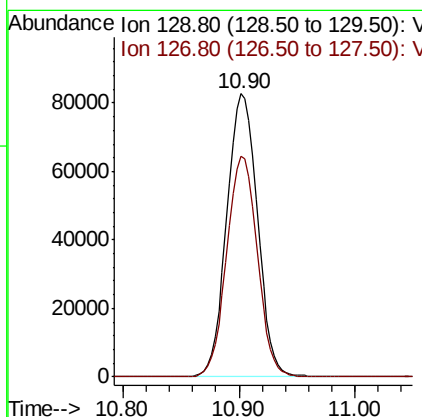
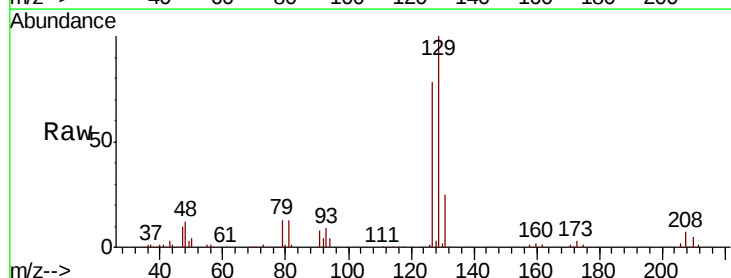
Instrument :
MSVOA_N
ClientSampleID :
VN0907MBSD01

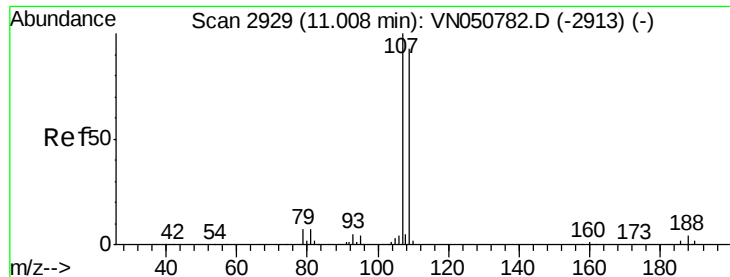
Tot Ion: 43 Resp: 435412
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0



#60
Dibromochloromethane
Concen: 20.20 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 129 Resp: 151532
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

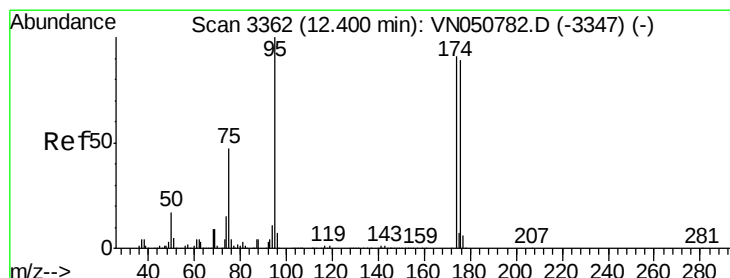
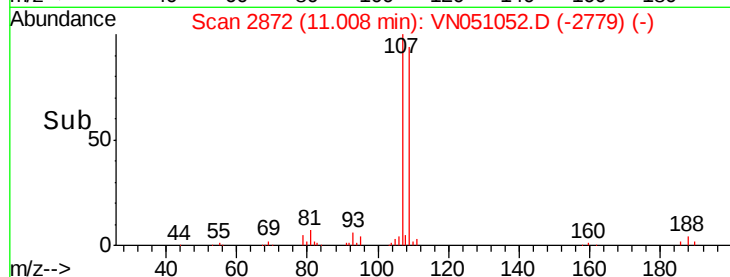
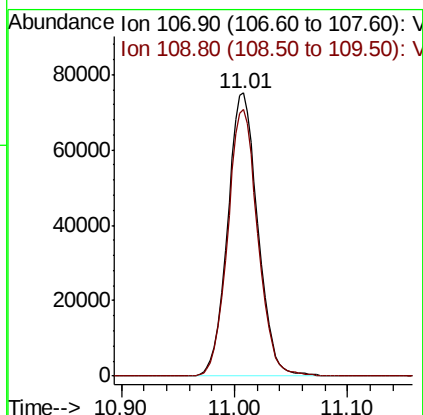
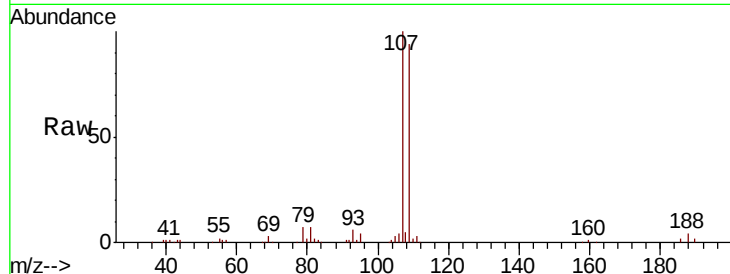




#61
 1,2-Dibromoethane
 Concen: 21.50 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

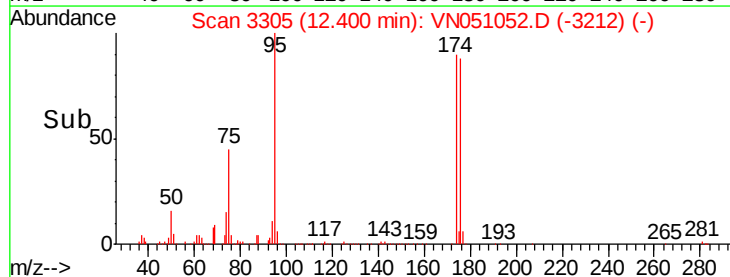
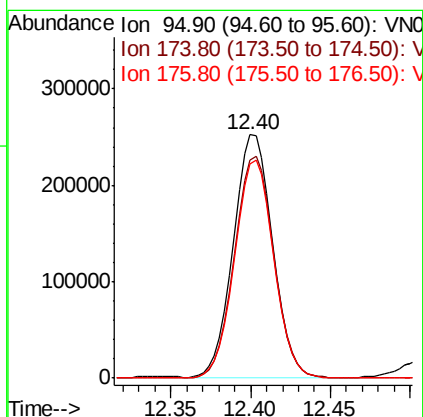
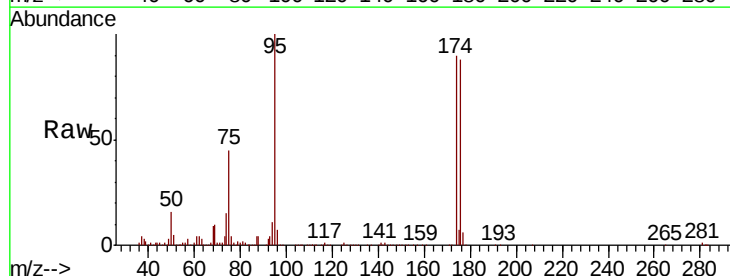
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

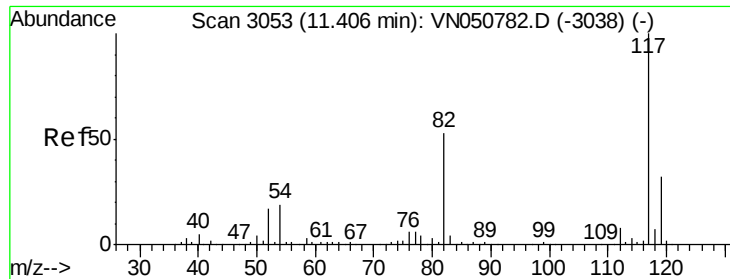
Tot Ion: 107 Resp: 139284
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.46 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion: 95 Resp: 418652
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 183.0
 176 90.0 0.0 178.8

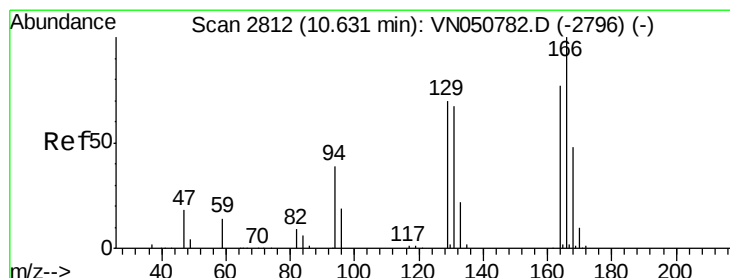
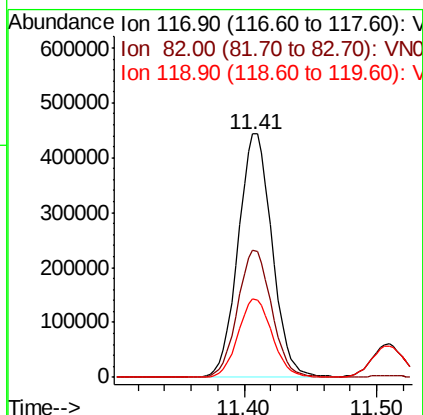
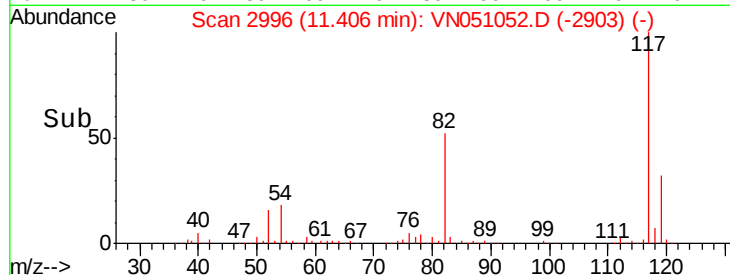
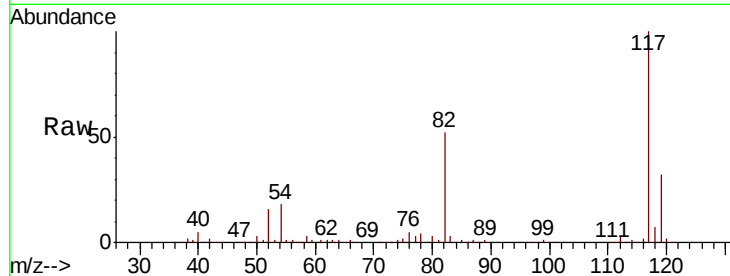




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

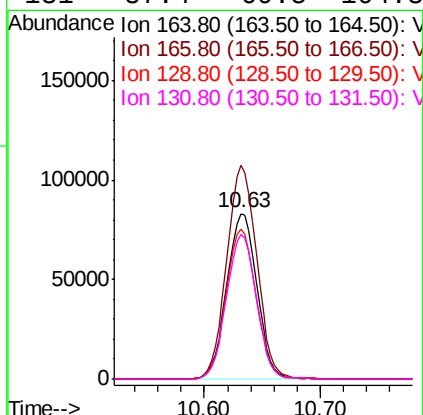
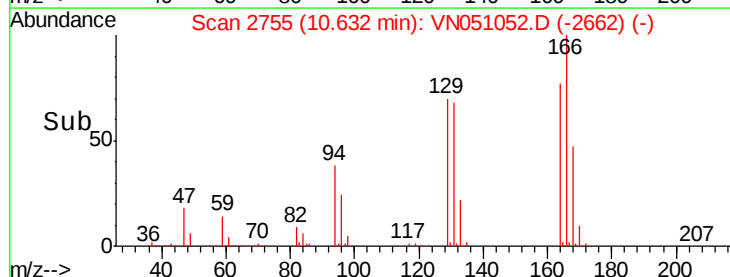
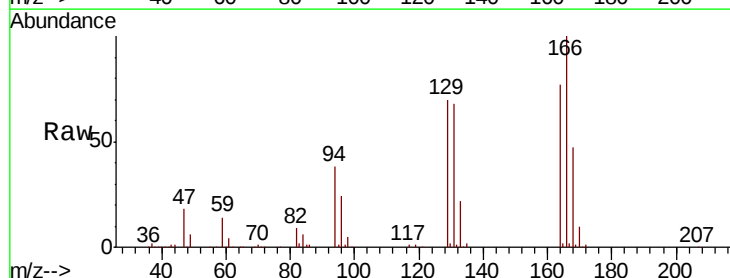
Instrument :
MSVOA_N
ClientSampled :
VN0907MBSD01

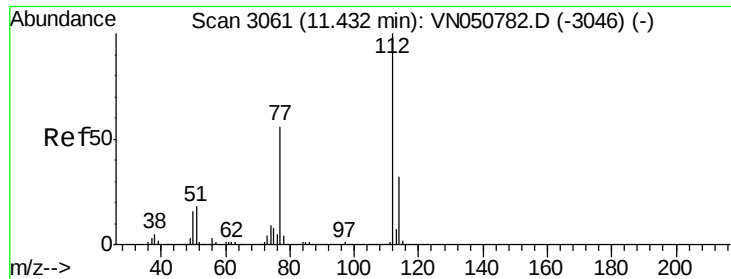
Tot Ion:117 Resp: 789672
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 19.95 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion:164 Resp: 149609
Ion Ratio Lower Upper
164 100
166 129.1 103.5 155.3
129 90.8 72.7 109.1
131 87.4 69.5 104.3

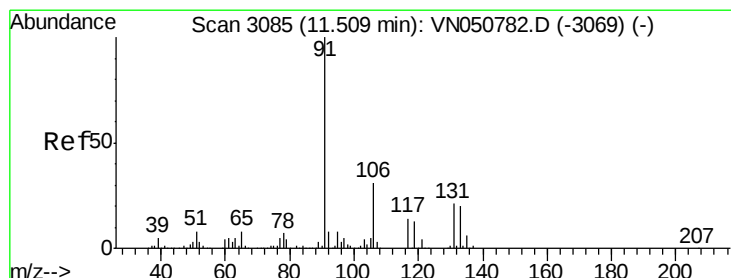
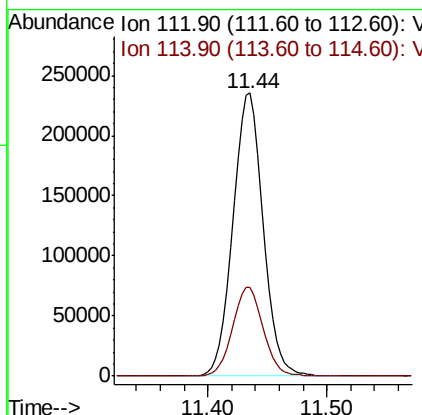
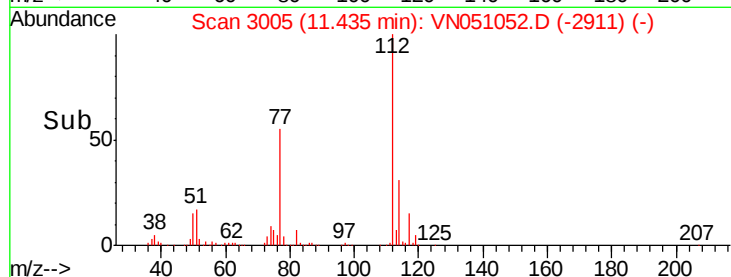
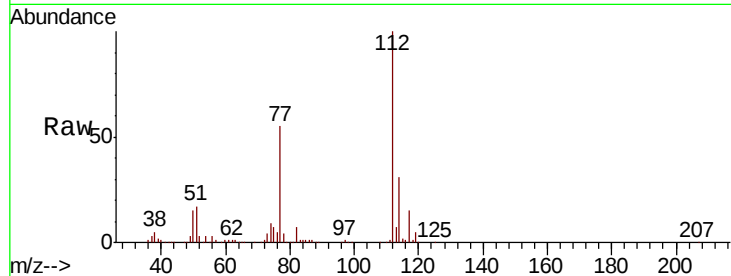




#65
Chlorobenzene
Concen: 20.05 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

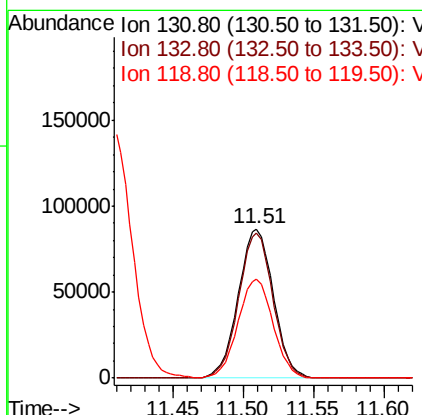
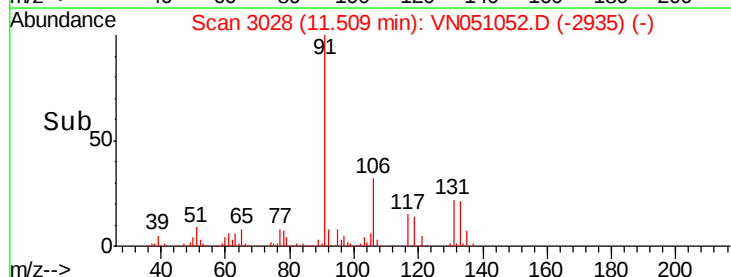
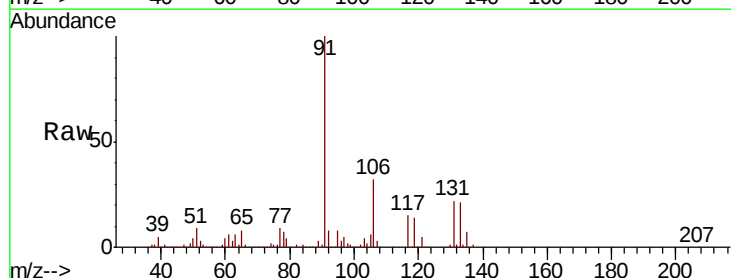
Instrument :
MSVOA_N
ClientSampled :
VN0907MBSD01

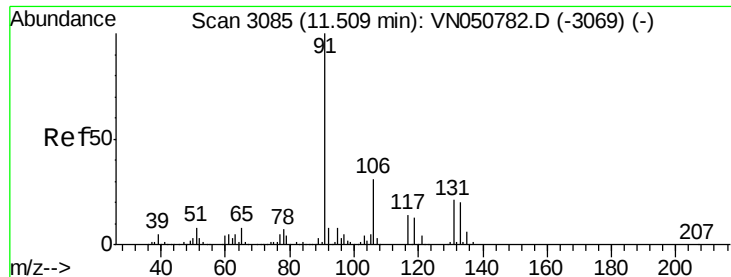
Tot Ion:112 Resp: 413895
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.10 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion:131 Resp: 151793
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.3
119 66.2 32.8 98.4





#67

Ethyl Benzene

Concen: 20.23 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

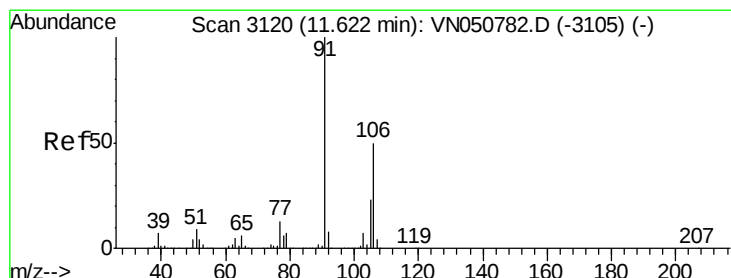
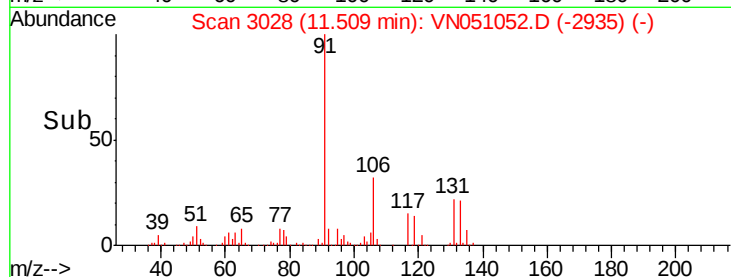
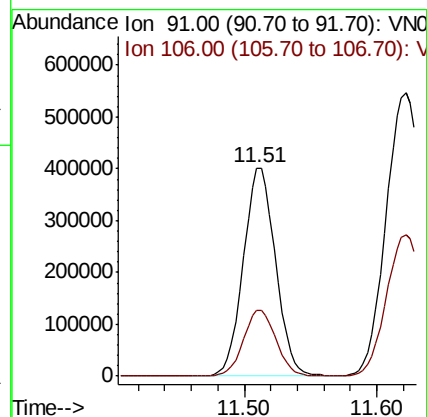
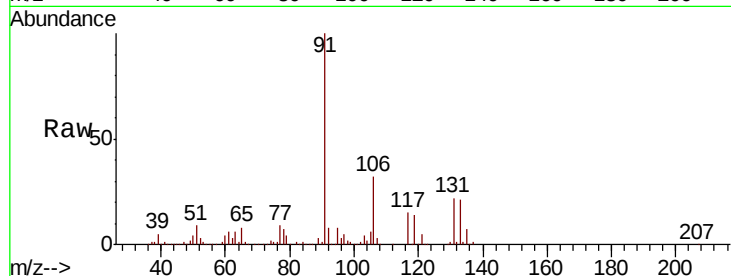
VN0907MBSD01

Tot Ion: 91 Resp: 678932

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 41.99 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051052.D

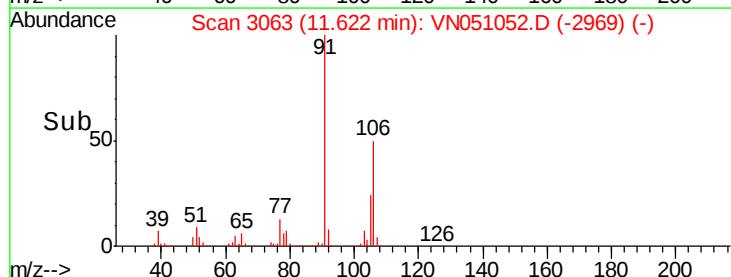
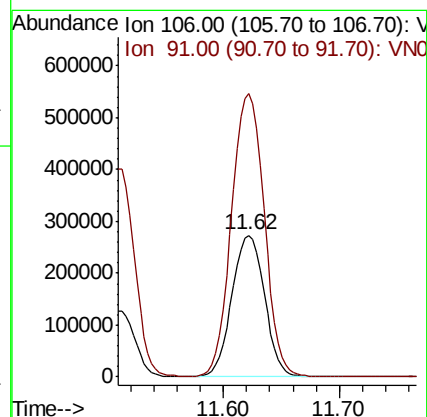
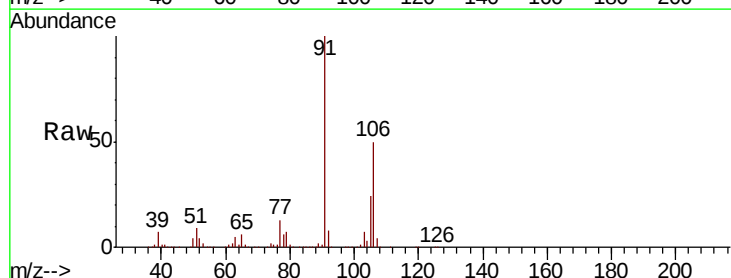
Acq: 7 Sep 2018 14:36

Tgt Ion: 106 Resp: 534764

Ion Ratio Lower Upper

106 100

91 200.4 161.0 241.6

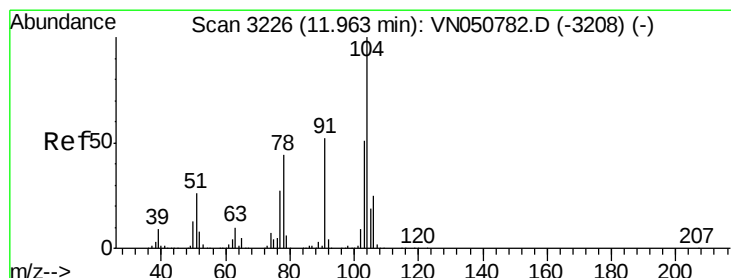
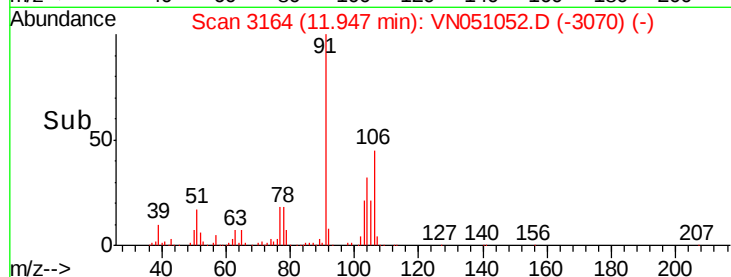
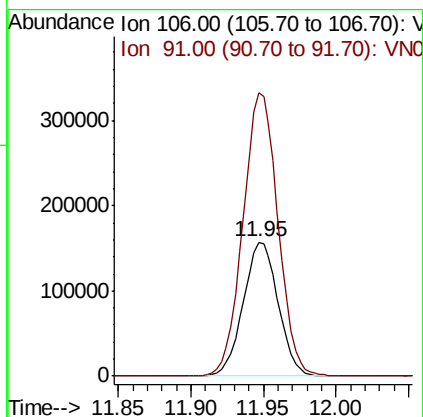
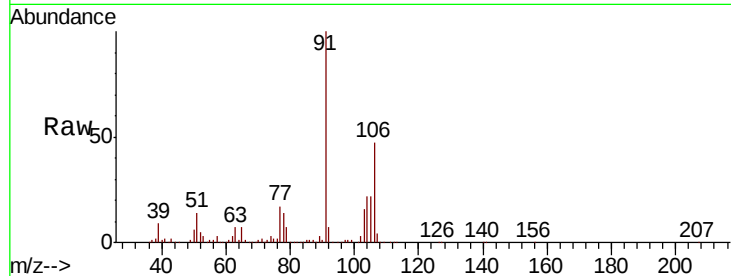




#69
o-Xylene
Concen: 21.54 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

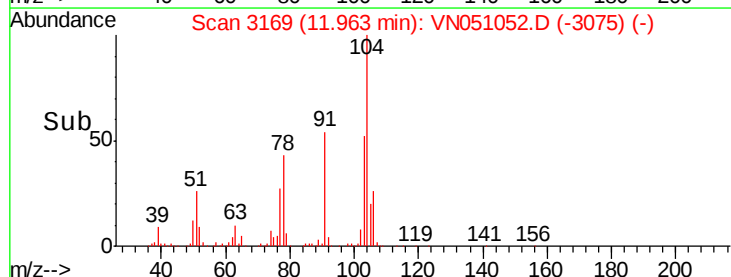
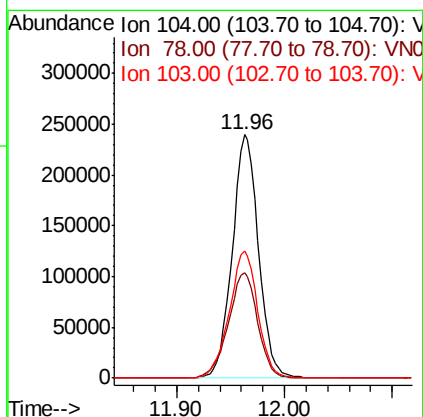
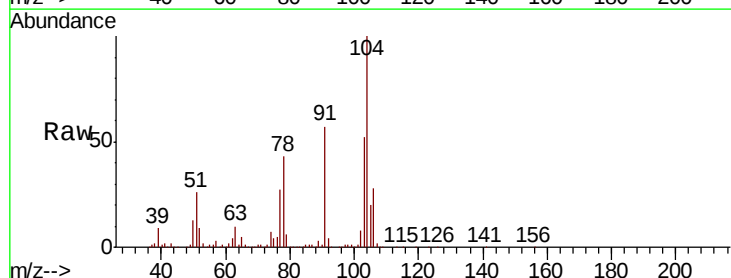
Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

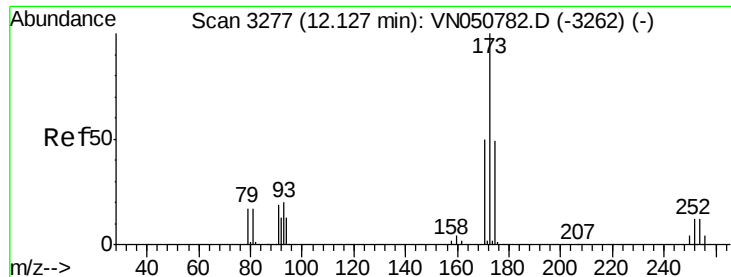
Tot Ion:106 Resp: 263785
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.5



#70
Styrene
Concen: 19.66 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion:104 Resp: 407271
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.4
103 56.7 44.4 66.6

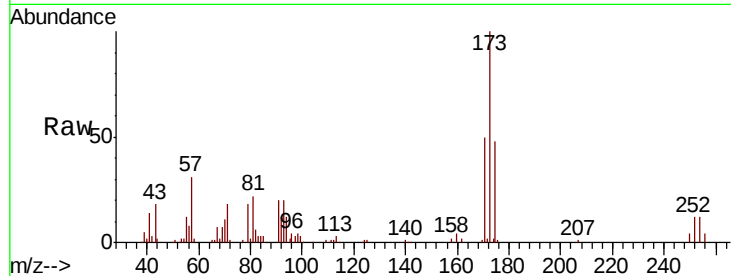




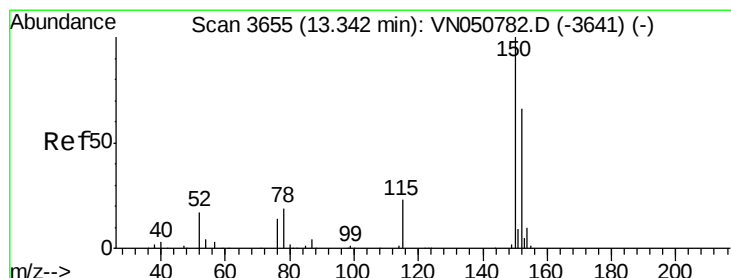
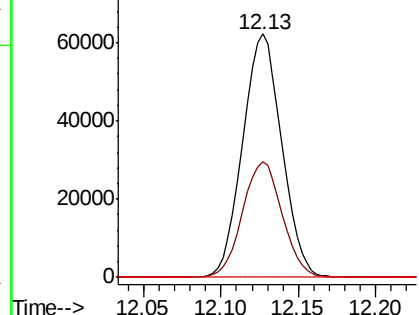
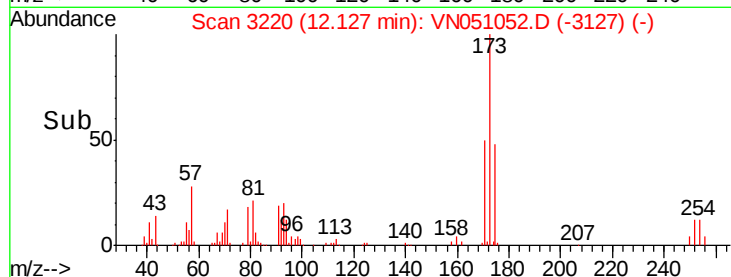
#71
Bromoform
Concen: 21.06 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Instrument :
MSVOA_N
ClientSampleId :
VN0907MBSD01

Tot Ion:173 Resp: 109369
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.0 0.1 0.1#

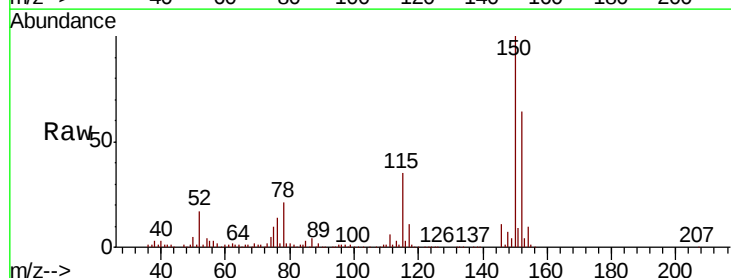


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

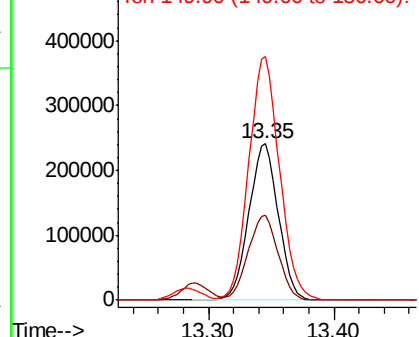
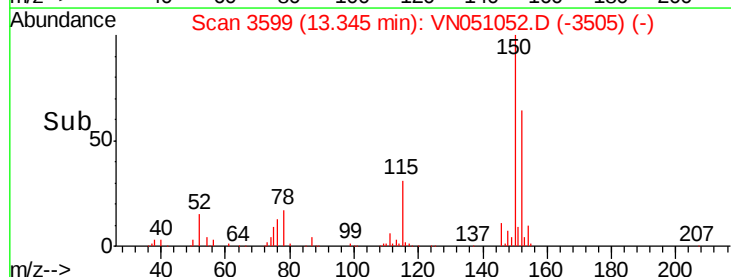


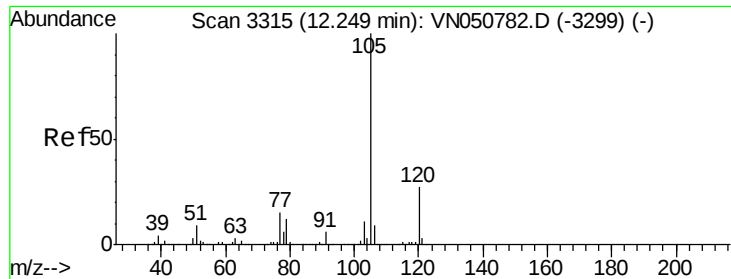
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion:152 Resp: 392070
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 163.2 0.0 351.4



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: 21.37 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

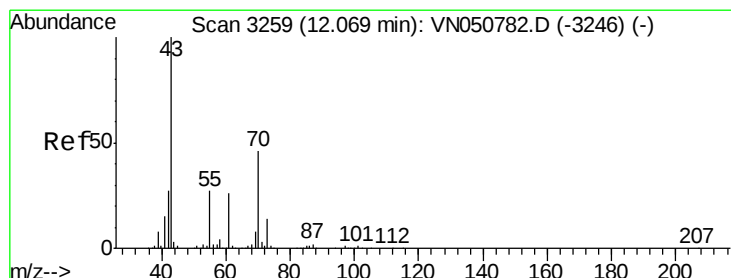
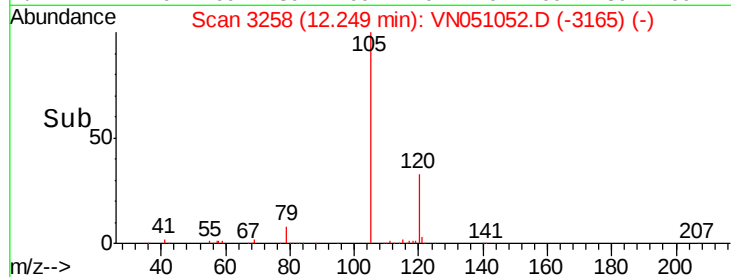
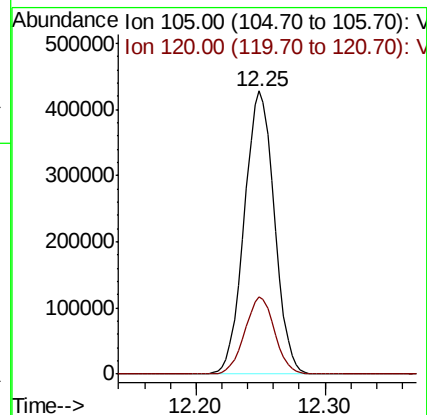
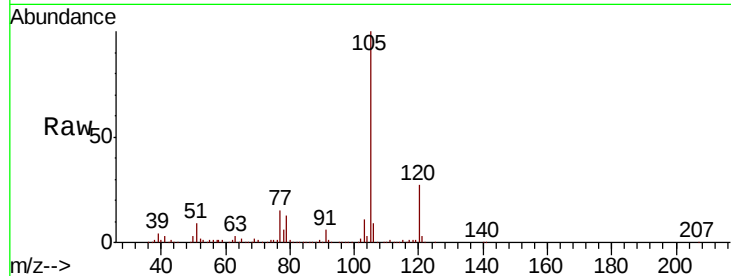
VN0907MBSD01

Tot Ion:105 Resp: 693911

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 27.70 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Tgt Ion: 43 Resp: 225975

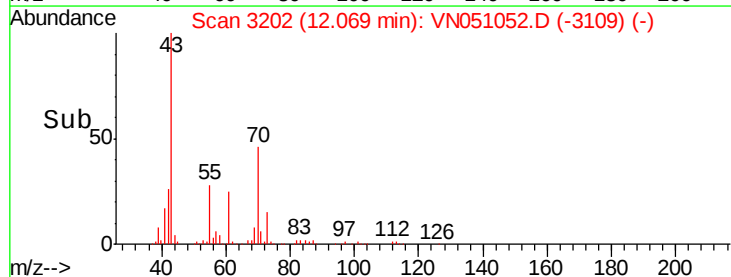
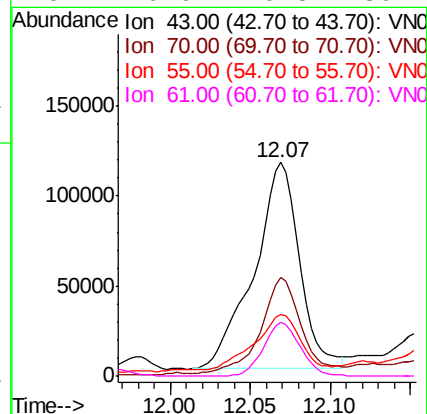
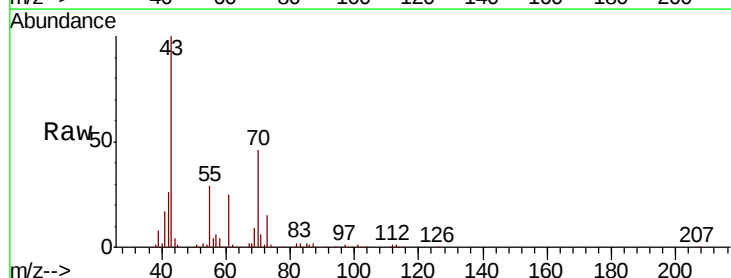
Ion Ratio Lower Upper

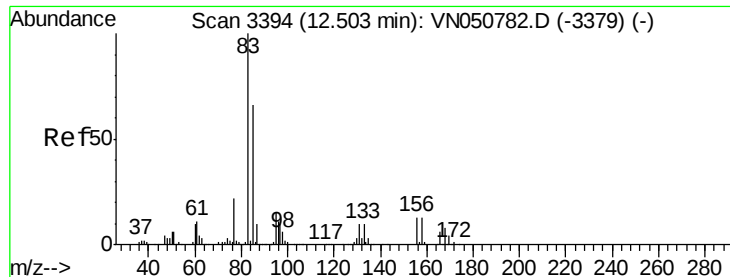
43 100

70 40.7 36.2 54.2

55 28.6 21.8 32.8

61 20.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 23.62 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

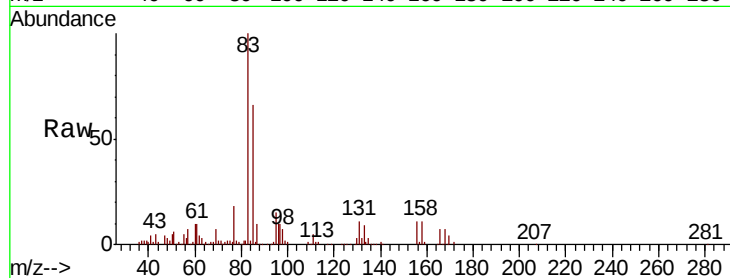
Tot Ion: 83 Resp: 189479

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.9

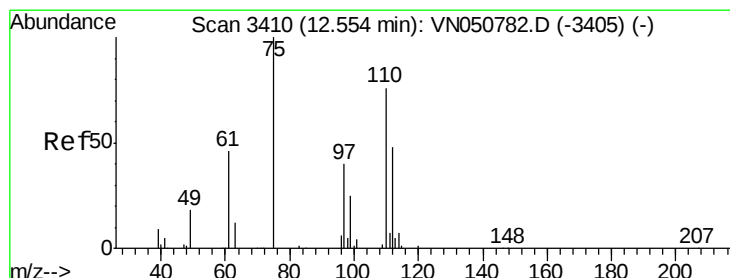
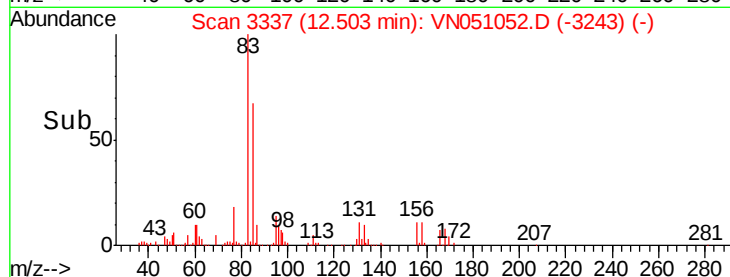
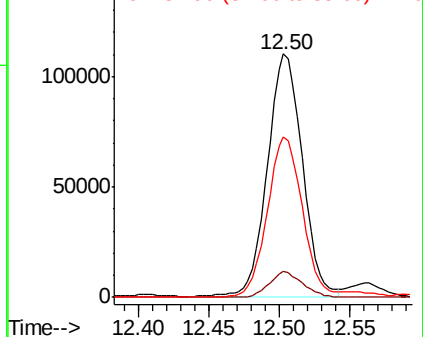
85 66.8 31.9 95.7



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: 30.87 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051052.D

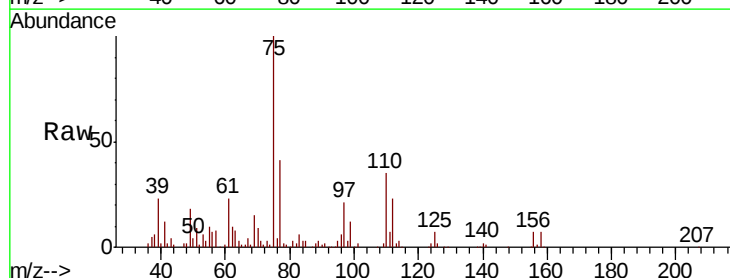
Acq: 7 Sep 2018 14:36

Tgt Ion: 75 Resp: 212005

Ion Ratio Lower Upper

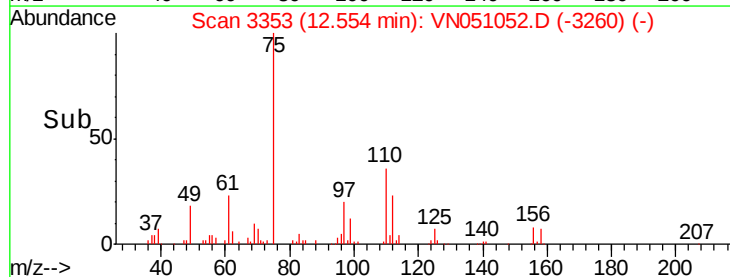
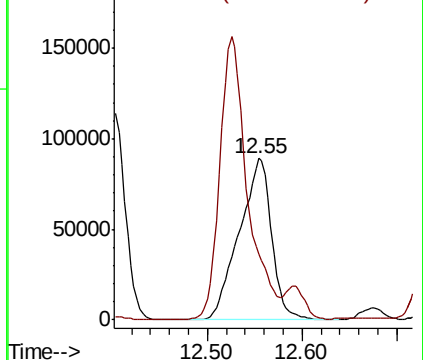
75 100

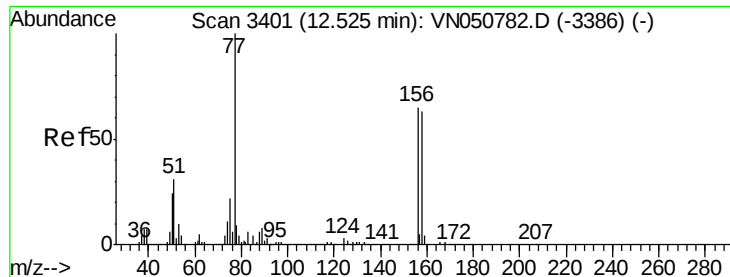
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.20 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

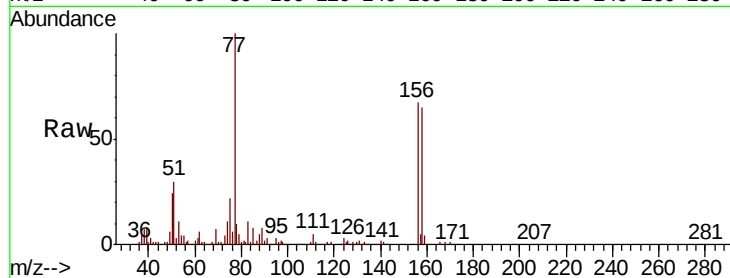
Tot Ion:156 Resp: 178206

Ion Ratio Lower Upper

156 100

77 178.1 89.9 269.7

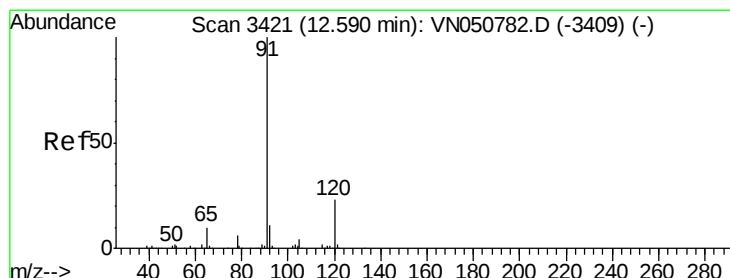
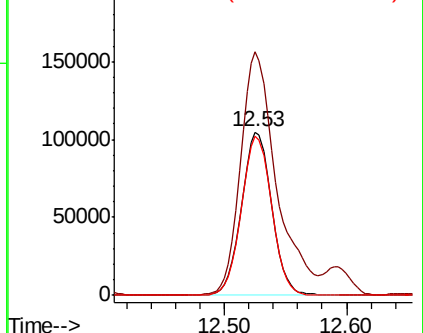
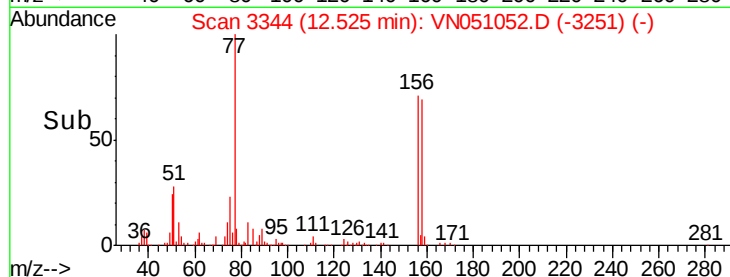
158 97.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.91 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051052.D

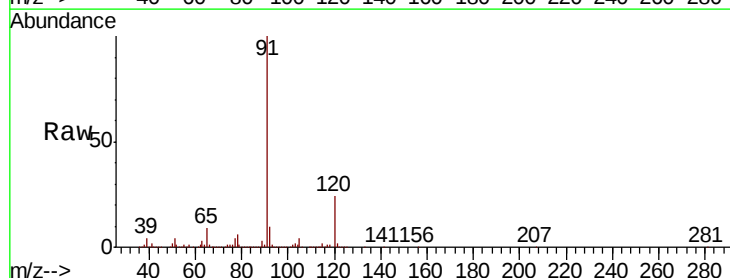
Acq: 7 Sep 2018 14:36

Tgt Ion: 91 Resp: 794594

Ion Ratio Lower Upper

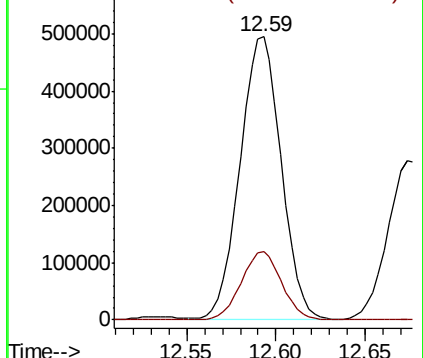
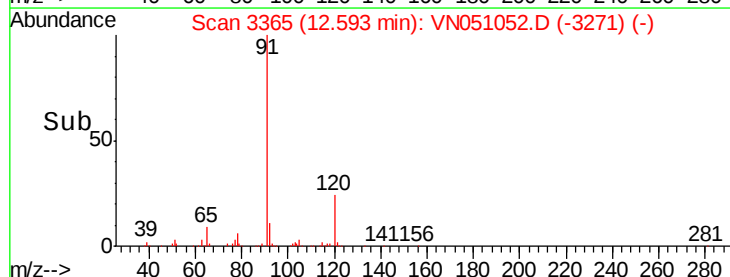
91 100

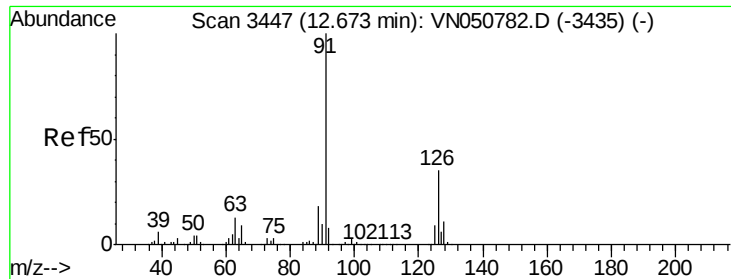
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.42 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

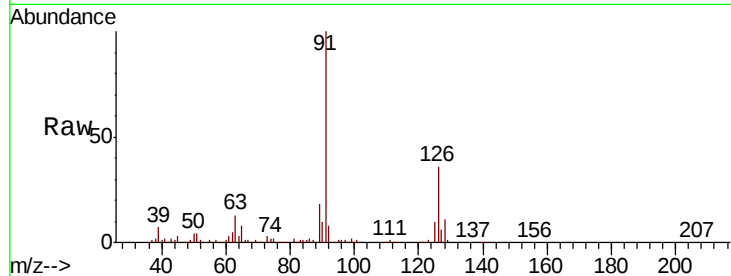
VN0907MBSD01

Tot Ion: 91 Resp: 461194

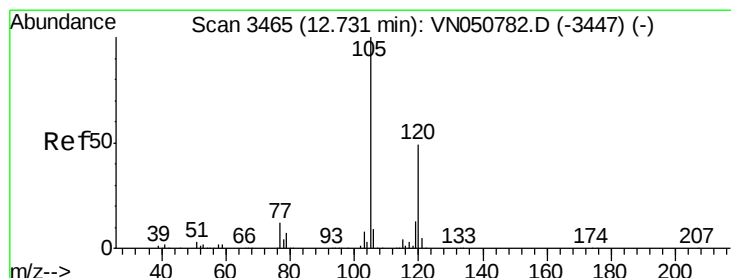
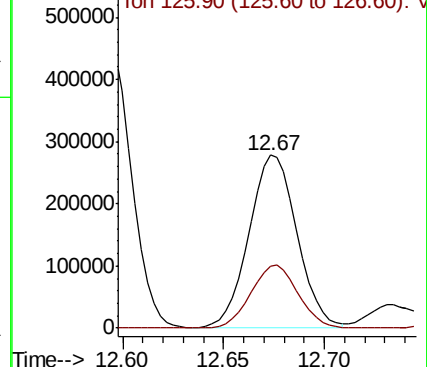
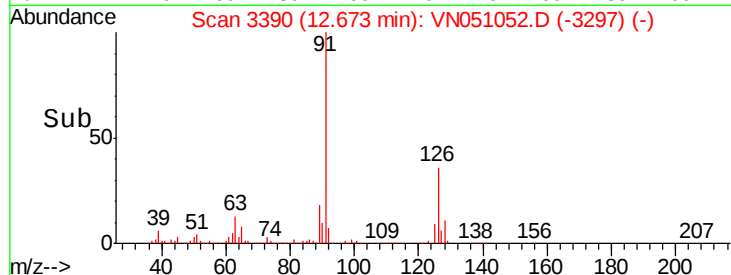
Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN051052.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.46 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051052.D

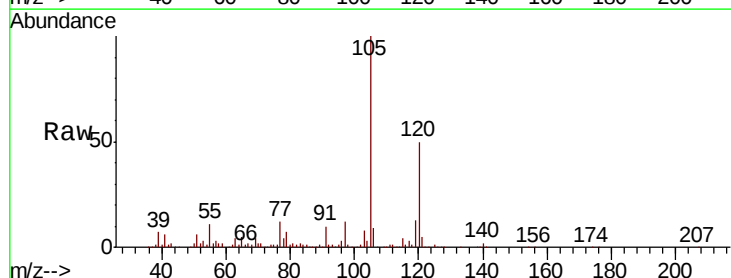
Acq: 7 Sep 2018 14:36

Tgt Ion: 105 Resp: 562224

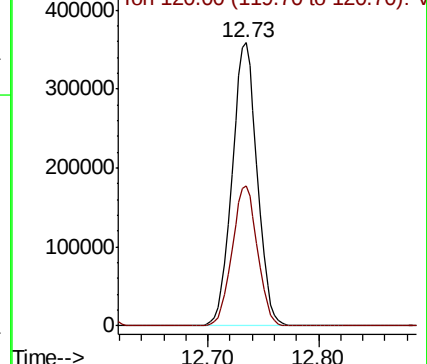
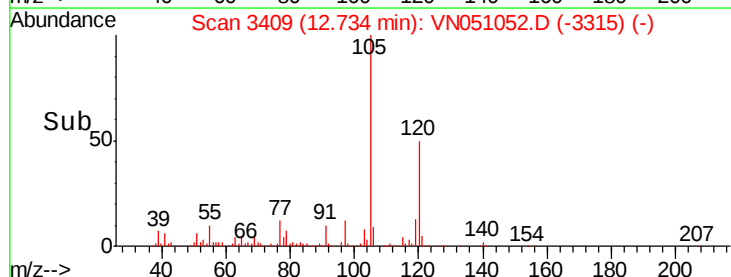
Ion Ratio Lower Upper

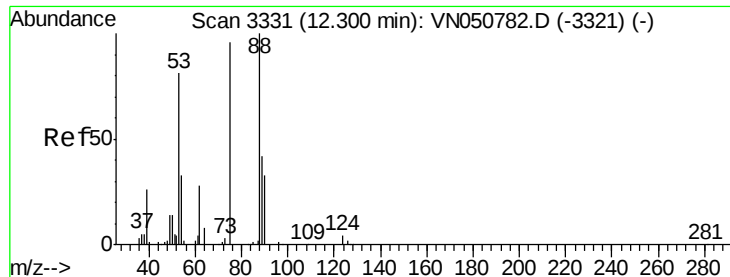
105 100

120 50.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051052.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.88 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

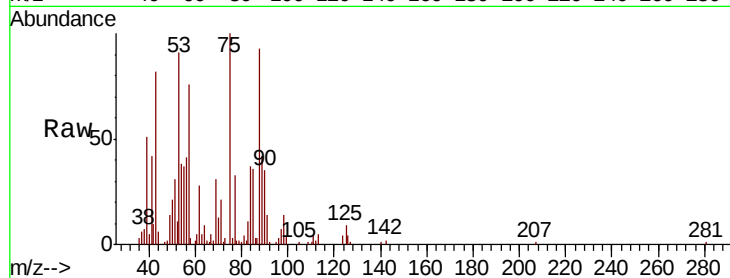
Tot Ion: 75 Resp: 44451

Ion Ratio Lower Upper

75 100

53 93.8 68.9 103.3

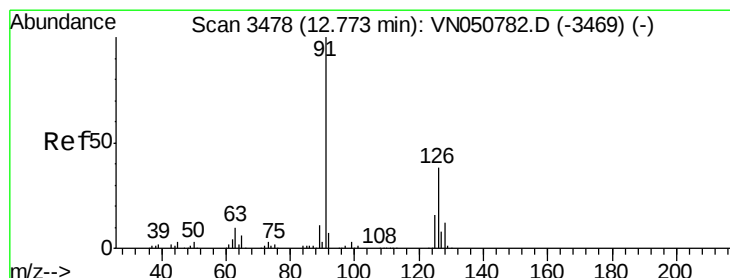
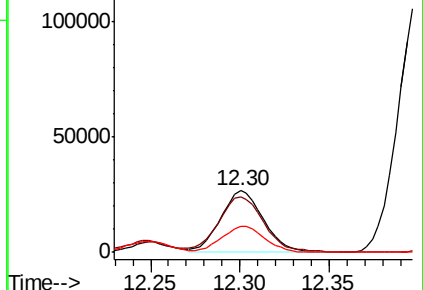
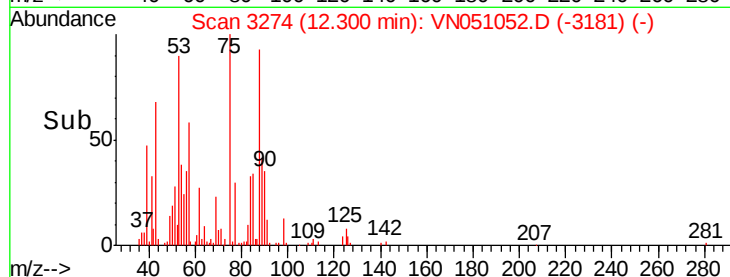
89 42.7 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.52 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051052.D

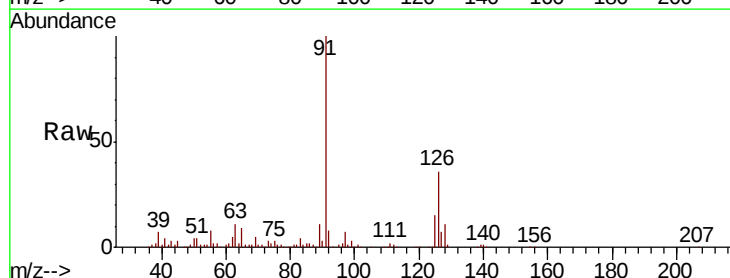
Acq: 7 Sep 2018 14:36

Tgt Ion: 91 Resp: 457519

Ion Ratio Lower Upper

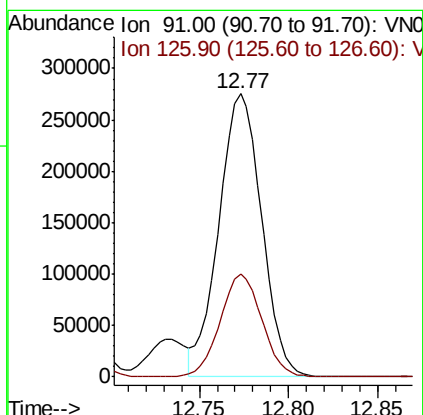
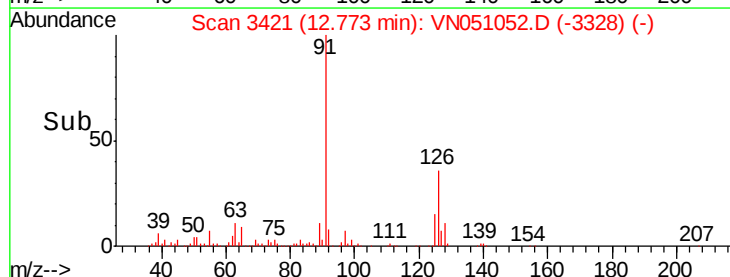
91 100

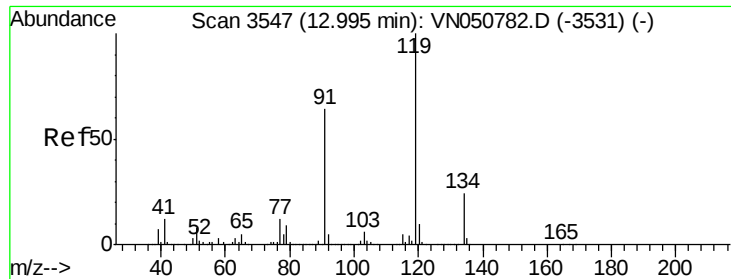
126 35.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

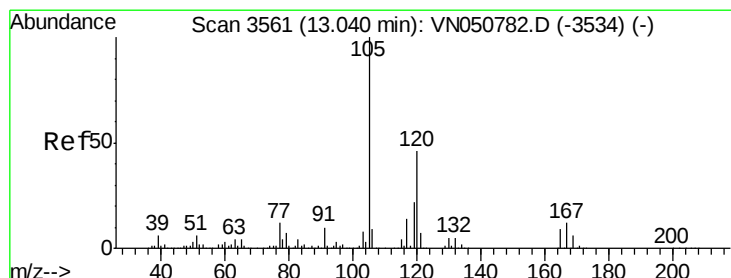
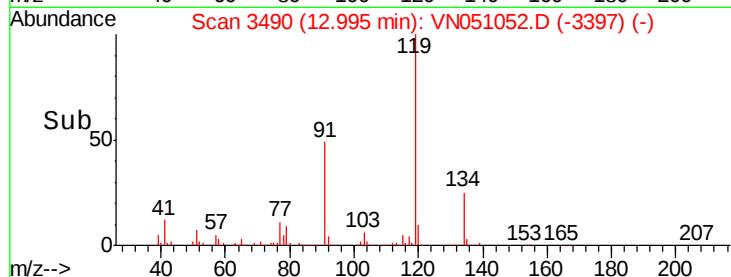
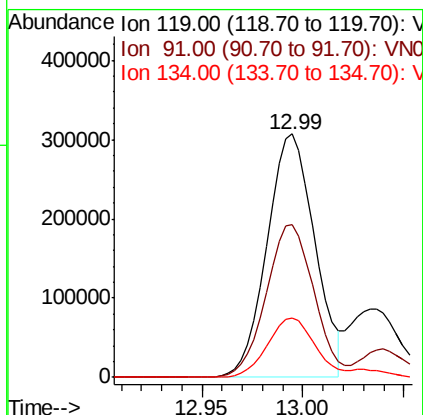
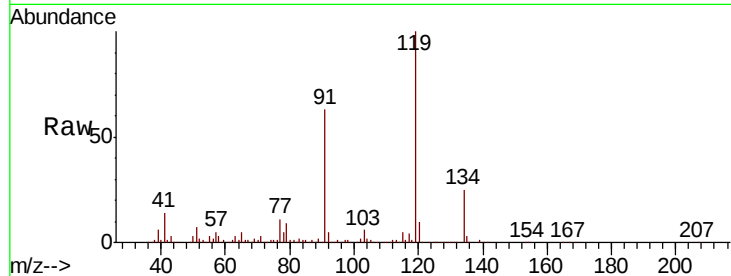




#83
 tert-Butylbenzene
 Concen: 22.30 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

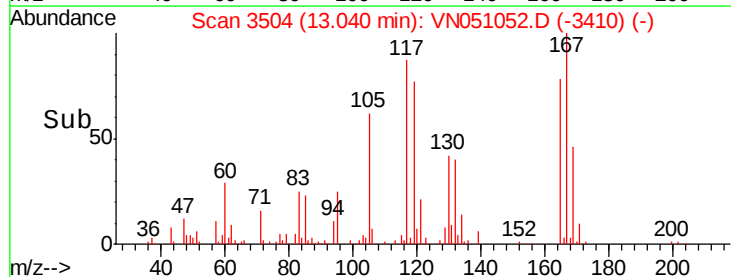
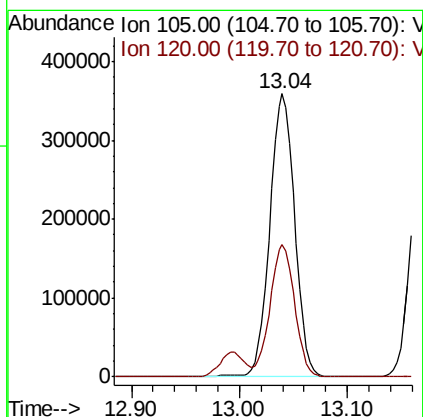
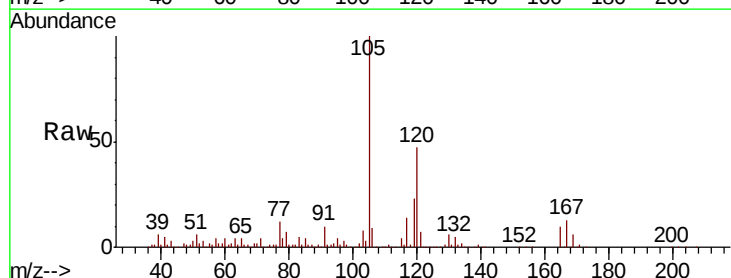
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

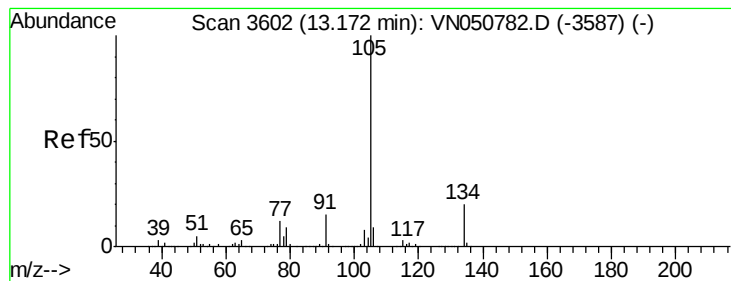
Tot Ion:119 Resp: 505862
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.6 94.7
 134 24.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.77 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion:105 Resp: 573688
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.68 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

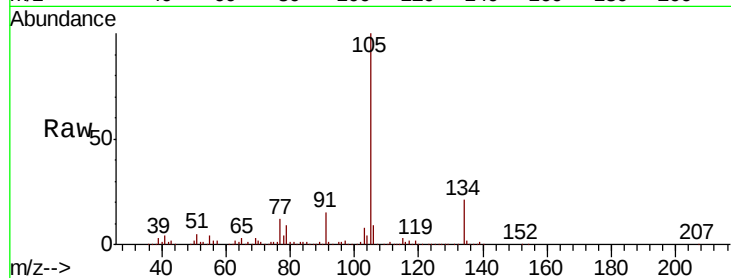
VN0907MBSD01

Tot Ion:105 Resp: 644378

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

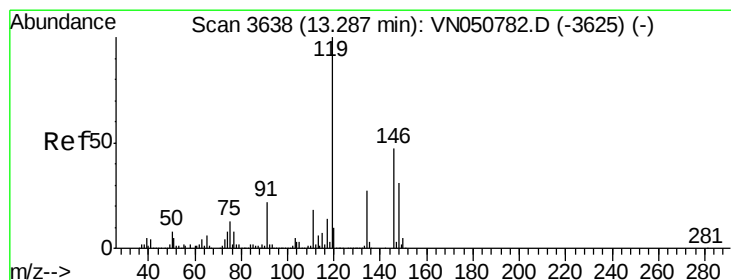
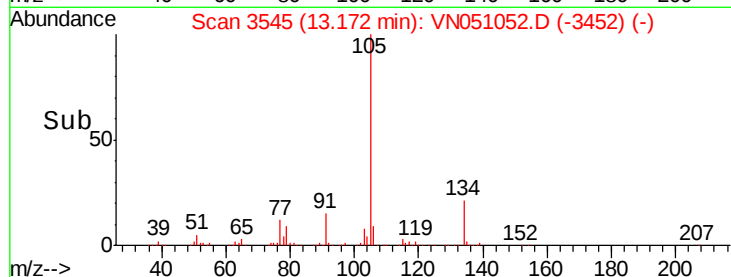
300000

200000

100000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 22.08 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

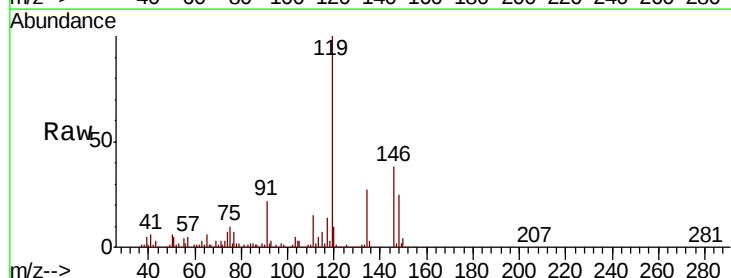
Tgt Ion:119 Resp: 559337

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 22.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

500000

400000

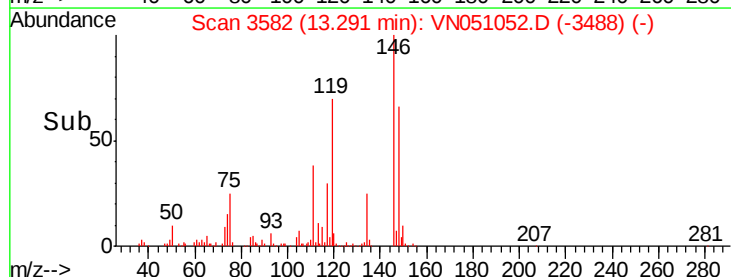
300000

200000

100000

0

Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 19.93 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

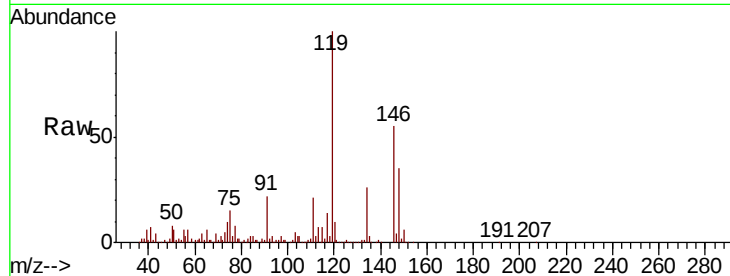
Tot Ion:146 Resp: 298475

Ion Ratio Lower Upper

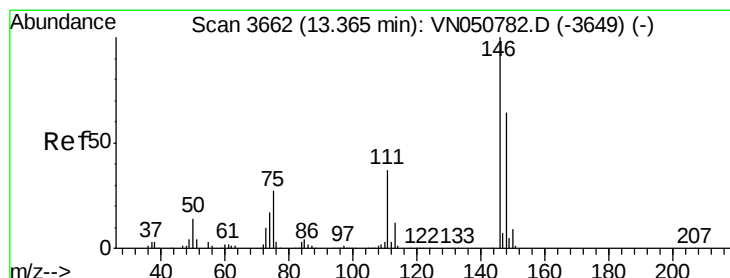
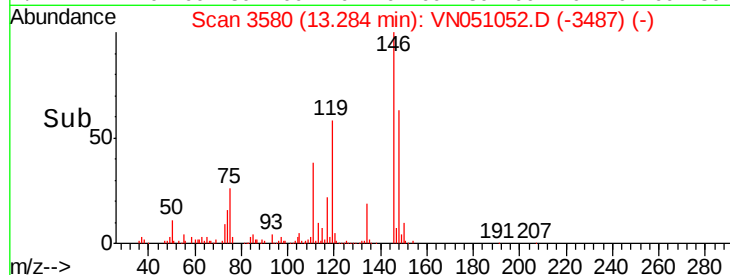
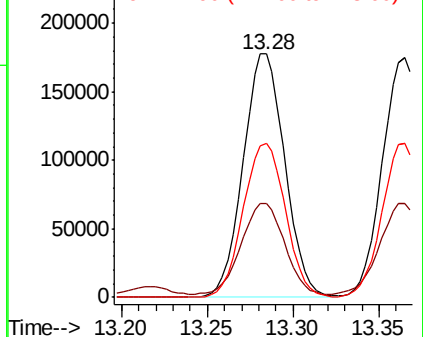
146 100

111 38.7 19.1 57.3

148 64.3 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.61 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

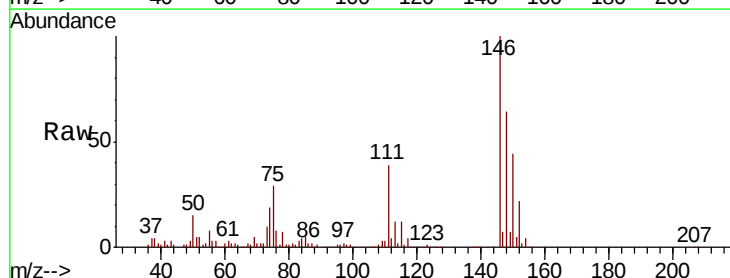
Tgt Ion:146 Resp: 289040

Ion Ratio Lower Upper

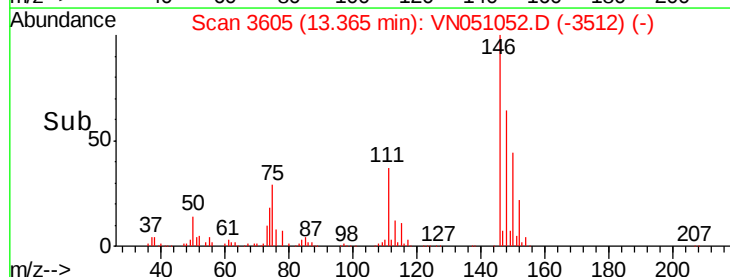
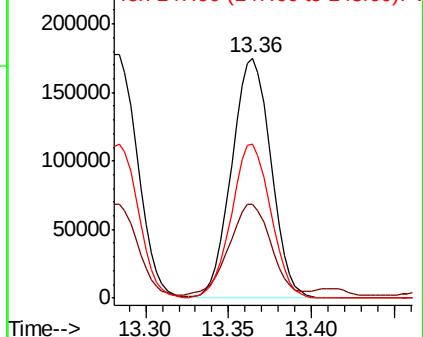
146 100

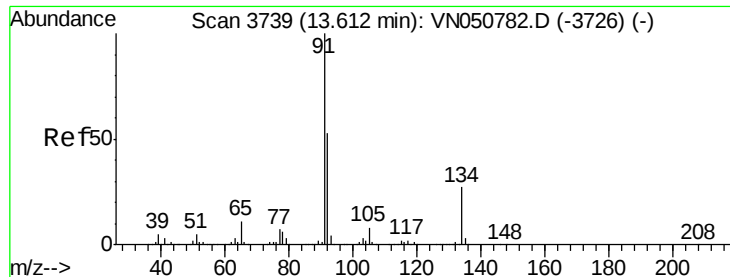
111 40.5 18.8 56.3

148 64.3 32.2 96.6



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

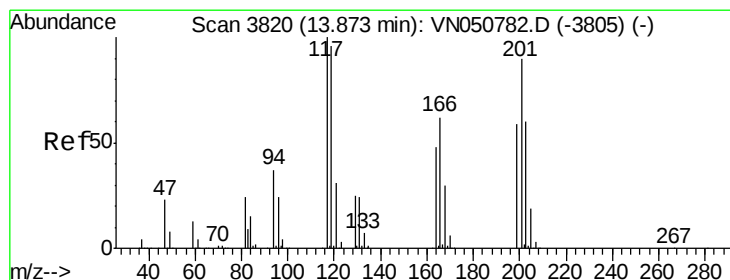
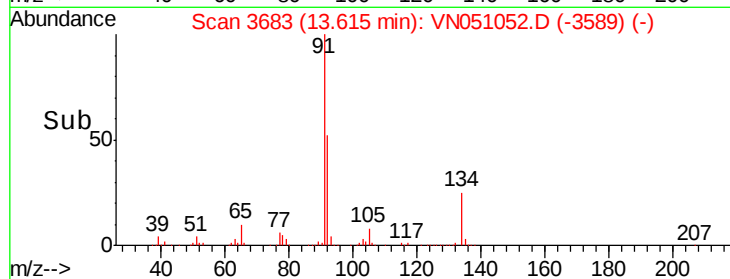
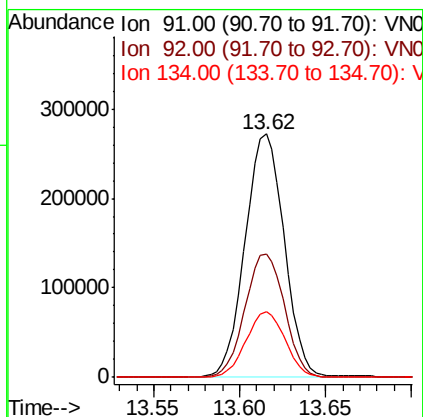
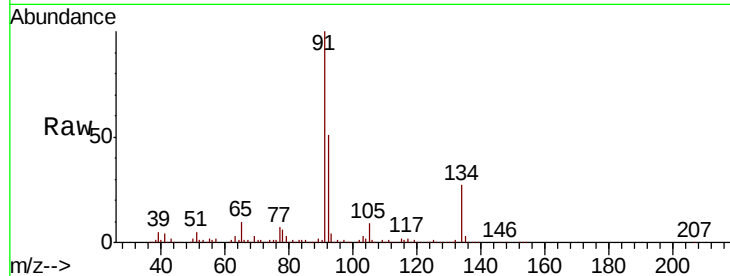




#89
n-Butylbenzene
Concen: 21.10 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

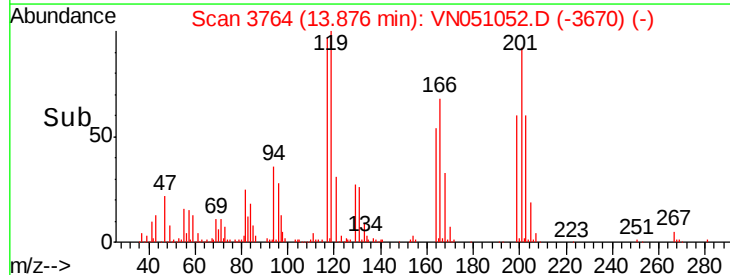
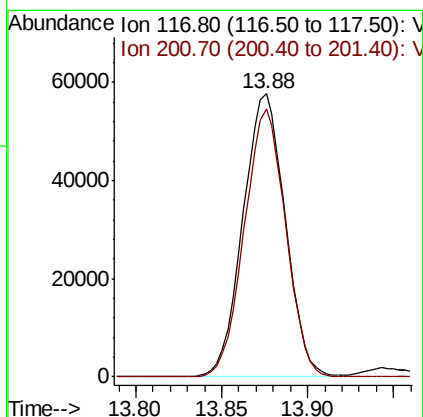
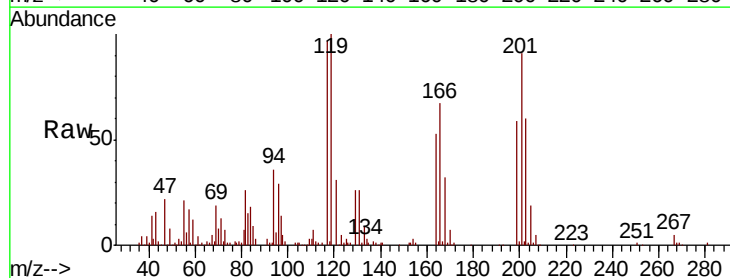
Instrument :
MSVOA_N
ClientSampled :
VN0907MBSD01

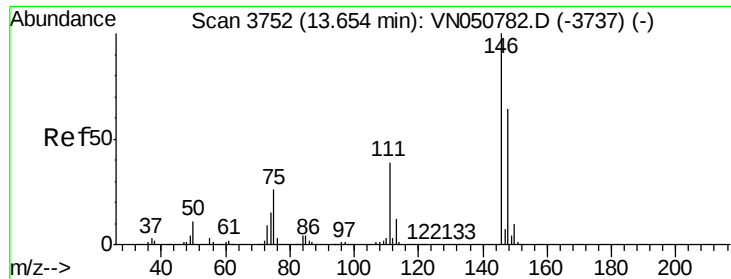
Tot Ion: 91 Resp: 427507
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 27.2 13.2 39.6



#90
Hexachloroethane
Concen: 20.47 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051052.D
Acq: 7 Sep 2018 14:36

Tgt Ion: 117 Resp: 98297
Ion Ratio Lower Upper
117 100
201 92.5 46.0 137.8

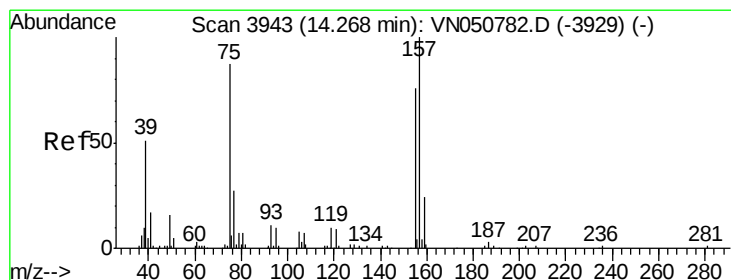
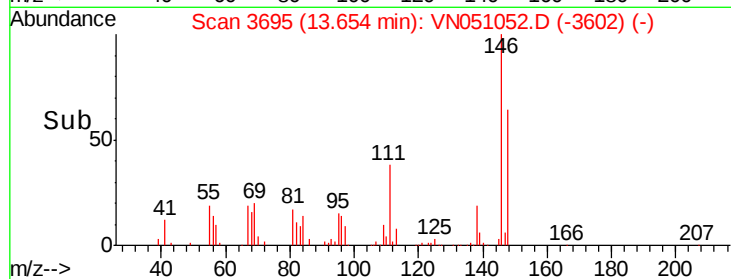
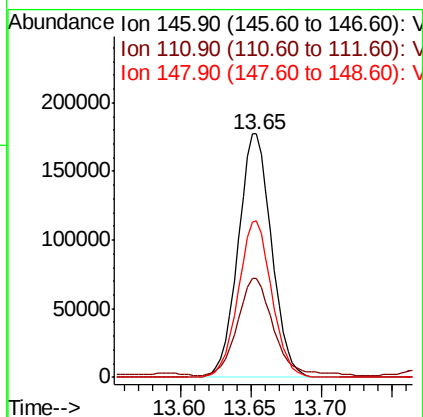
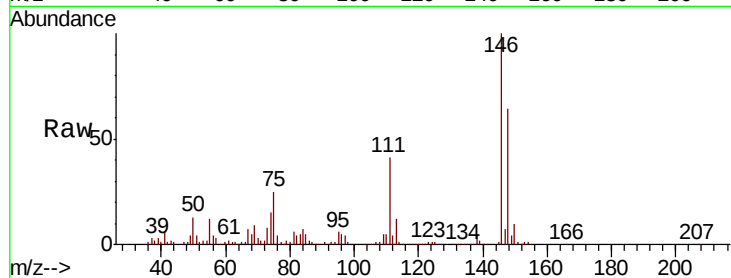




#91
 1,2-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

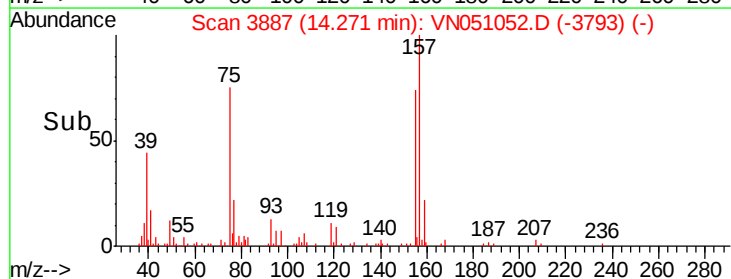
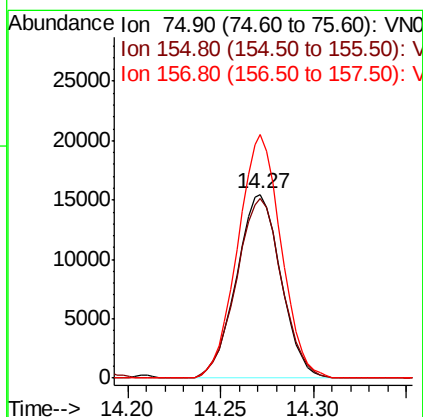
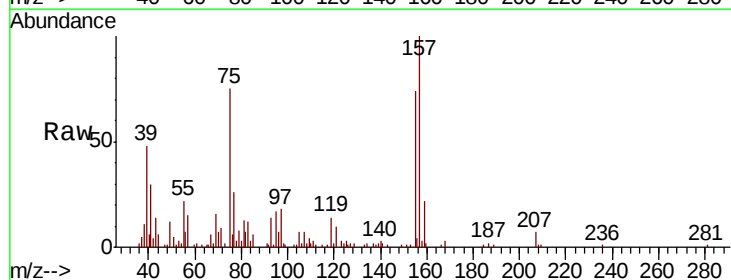
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

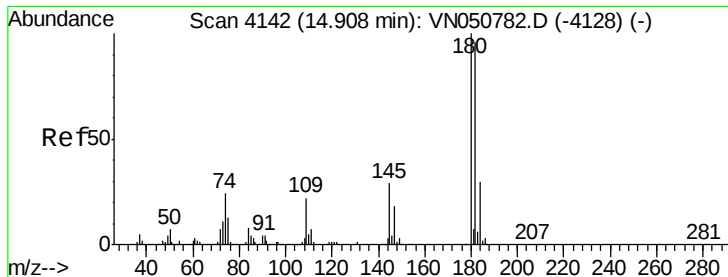
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.8	59.3
148	64.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.08 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	46.4	139.1
157	129.1	60.7	182.0

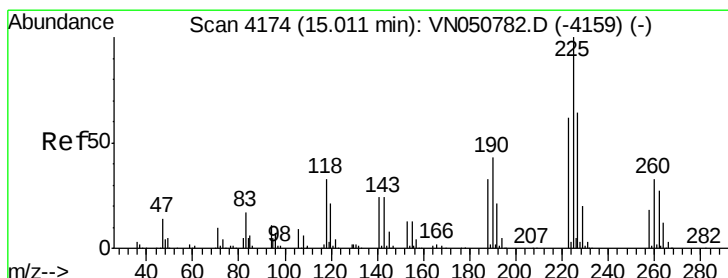
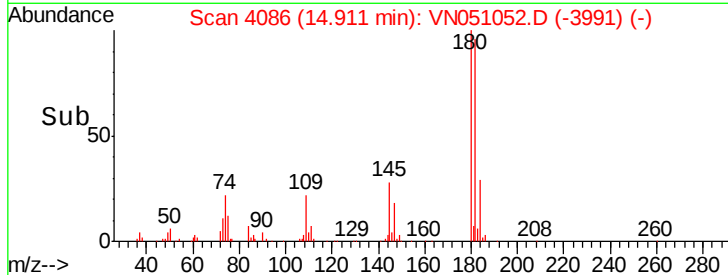
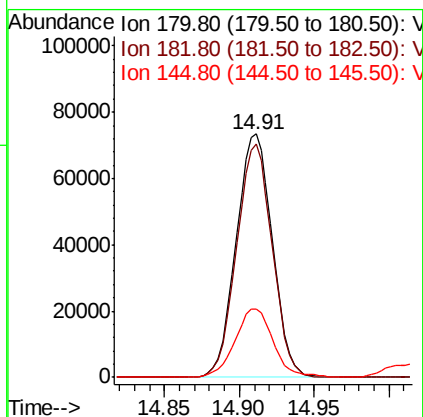
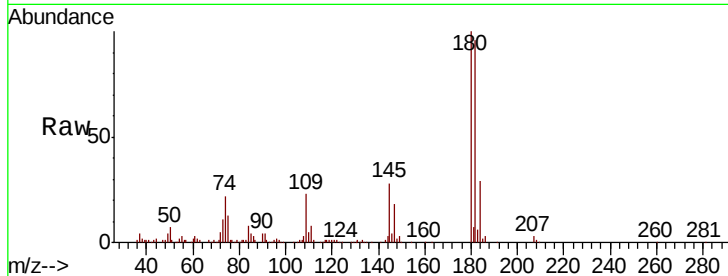




#93
 1,2,4-Trichlorobenzene
 Concen: 19.15 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

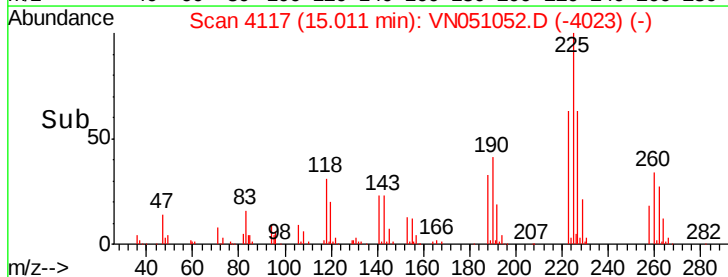
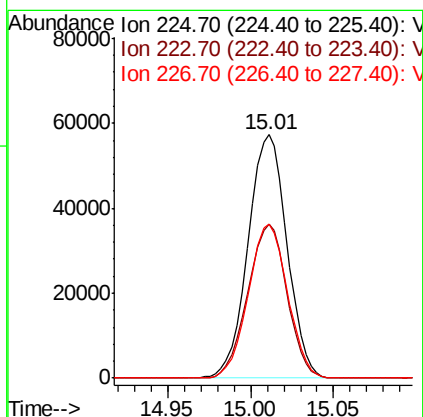
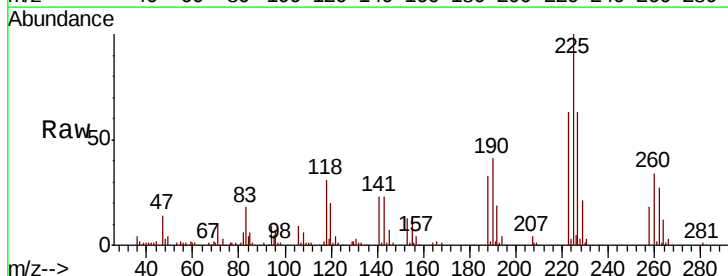
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

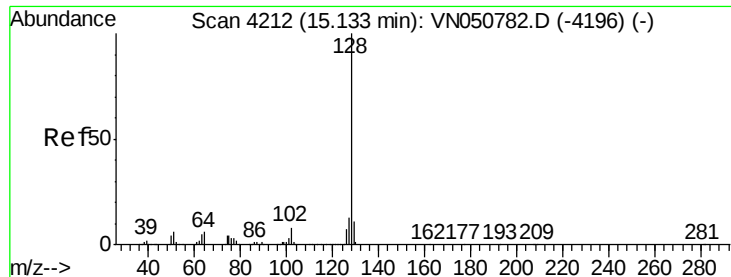
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.2	144.6
145	30.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 21.19 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051052.D
 Acq: 7 Sep 2018 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	63.6	32.0	96.2





#95

Naphthalene

Concen: 19.72 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0907MBSD01

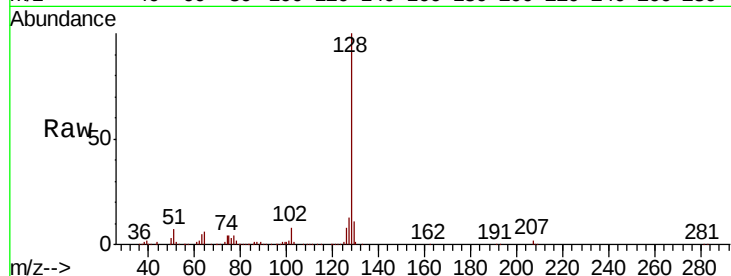
Tot Ion:128 Resp: 251518

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



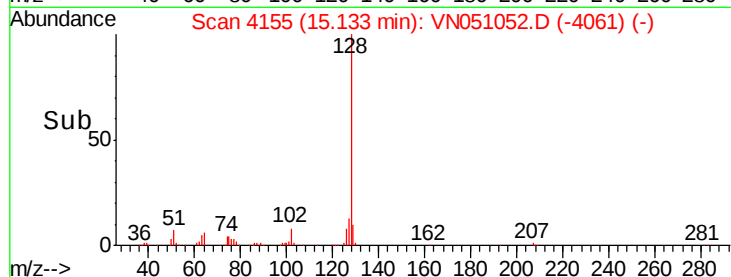
Abundance

Ion 128.00 (127.70 to 128.70): V

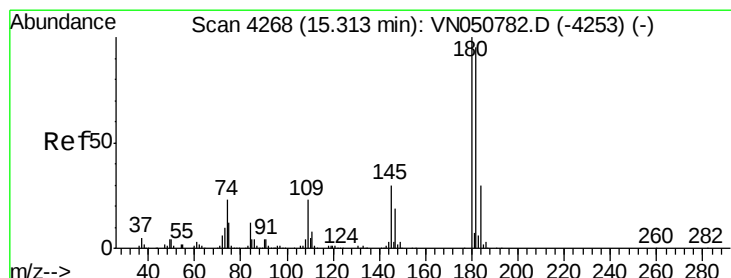
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.95 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051052.D

Acq: 7 Sep 2018 14:36

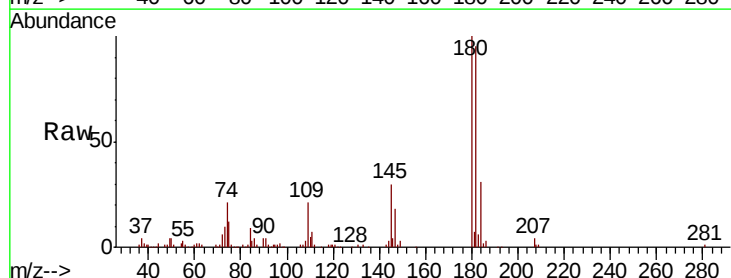
Tgt Ion:180 Resp: 125612

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.2

145 31.3 15.2 45.6



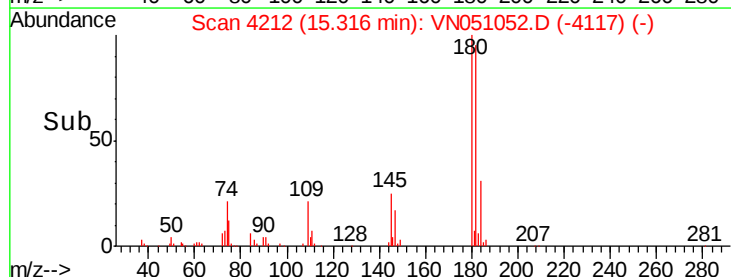
Abundance

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

15.32



Time-->