

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050636.D
 Acq On : 15 Aug 2018 5:59
 Operator : MD\SY
 Sample : J4465-06MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

Quant Time: Aug 15 07:30:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	932330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	445835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	400665	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	375233	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1416194	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	463354	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	314806	44.052 ug/l	98
3) Chloromethane	2.06	50	429393	49.302 ug/l	100
4) Vinyl Chloride	2.18	62	442358	46.596 ug/l	100
5) Bromomethane	2.56	94	251492	49.258 ug/l	98
6) Chloroethane	2.70	64	268383	50.903 ug/l	100
7) Trichlorofluoromethane	3.01	101	563492	45.237 ug/l	100
8) Diethyl Ether	3.41	74	200594	48.412 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	334512	44.407 ug/l	100
10) Methyl Iodide	3.95	142	250633	47.250 ug/l	100
11) Tert butyl alcohol	4.79	59	107435	246.245 ug/l	100
12) 1,1-Dichloroethene	3.74	96	325048	47.258 ug/l	99
13) Acrolein	3.61	56	36908	220.869 ug/l	100
14) Allyl chloride	4.33	41	504061	47.114 ug/l	99
15) Acrylonitrile	4.99	53	583670	243.581 ug/l	99
16) Acetone	3.82	43	507885	254.595 ug/l	100
17) Carbon Disulfide	4.05	76	997235	46.073 ug/l	100
18) Methyl Acetate	4.33	43	248322	44.132 ug/l	99
19) Methyl tert-butyl Ether	5.05	73	888315	50.745 ug/l	100
20) Methylene Chloride	4.55	84	389475	51.316 ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	360829	48.389 ug/l	98
22) Diisopropyl ether	5.95	45	1124442	51.262 ug/l	98
23) Vinyl Acetate	5.90	43	3299326	229.930 ug/l	99
24) 1,1-Dichloroethane	5.85	63	666921	46.988 ug/l	100
25) 2-Butanone	6.84	43	801848	244.758 ug/l	100
26) 2,2-Dichloropropane	6.83	77	379741	39.971 ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	404891	48.762 ug/l	98
28) Bromochloromethane	7.20	49	324226	50.194 ug/l	100
29) Tetrahydrofuran	7.22	42	433191	253.243 ug/l	99
30) Chloroform	7.37	83	673614	46.832 ug/l	99
31) Cyclohexane	7.65	56	573607	47.340 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	568530	46.959 ug/l	99
36) 1,1-Dichloropropene	7.80	75	512529	49.384 ug/l	100
37) Ethyl Acetate	6.93	43	273625	46.641 ug/l	99
38) Carbon Tetrachloride	7.78	117	511485	47.507 ug/l	99

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050636.D
 Acq On : 15 Aug 2018 5:59
 Operator : MD\SY
 Sample : J4465-06MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

Quant Time: Aug 15 07:30:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	514519	47.884	ug/l	99
40) Benzene	8.04	78	1557337	49.325	ug/l	100
41) Methacrylonitrile	7.18	41	164274	51.795	ug/l	97
42) 1,2-Dichloroethane	8.13	62	469843	48.553	ug/l	100
43) Isopropyl Acetate	8.17	43	487275	45.577	ug/l	98
44) Trichloroethene	8.84	130	416676	49.267	ug/l	96
45) 1,2-Dichloropropane	9.12	63	410037	48.781	ug/l	100
46) Dibromomethane	9.21	93	241346	48.626	ug/l	96
47) Bromodichloromethane	9.40	83	513158	48.372	ug/l	100
48) Methyl methacrylate	9.20	41	261722	48.650	ug/l	99
49) 1,4-Dioxane	9.20	88	69244	977.053	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1822237	252.018	ug/l	100
52) Toluene	10.16	92	966065	51.246	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	485081	49.092	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	543845	47.976	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	339006	48.136	ug/l	98
56) Ethyl methacrylate	10.43	69	422126	47.101	ug/l	100
57) 1,3-Dichloropropane	10.71	76	579422	50.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.72	63	914	10.620	ug/l #	48
59) 2-Hexanone	10.75	43	1201751	257.512	ug/l	100
60) Dibromochloromethane	10.90	129	390912	50.294	ug/l	99
61) 1,2-Dibromoethane	11.01	107	333156	49.674	ug/l	99
64) Tetrachloroethene	10.63	164	766062	95.757	ug/l	99
65) Chlorobenzene	11.43	112	1040237	48.521	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	389615	48.480	ug/l	100
67) Ethyl Benzene	11.51	91	1779937	51.417	ug/l	99
68) m/p-Xylenes	11.62	106	1367535	103.288	ug/l	99
69) o-Xylene	11.95	106	658280	52.143	ug/l	100
70) Styrene	11.96	104	1078236	48.061	ug/l	100
71) Bromoform	12.13	173	261888	49.143	ug/l #	100
73) Isopropylbenzene	12.25	105	1729011	49.637	ug/l	100
74) N-amyl acetate	12.07	43	394620	43.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	416360	51.556	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	480662	67.079	ug/l #	100
77) Bromobenzene	12.53	156	443571	46.903	ug/l	99
78) n-propylbenzene	12.59	91	1946902	50.123	ug/l	99
79) 2-Chlorotoluene	12.67	91	1165977	48.147	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1414826	50.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	89288	44.524	ug/l	99
82) 4-Chlorotoluene	12.77	91	1181089	49.354	ug/l	100
83) tert-Butylbenzene	12.99	119	1190003	49.154	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1431381	51.134	ug/l	100
85) sec-Butylbenzene	13.17	105	1570848	49.652	ug/l	100
86) p-Isopropyltoluene	13.29	119	1372015	51.180	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	766405	47.604	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	737636	46.163	ug/l	100
89) n-Butylbenzene	13.62	91	1065138	49.204	ug/l	99
90) Hexachloroethane	13.88	117	245654	45.572	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	744365	47.390	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58362	46.959	ug/l	98

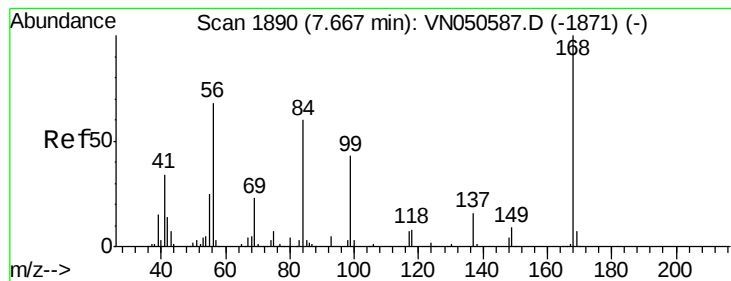
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
Data File : VN050636.D
Acq On : 15 Aug 2018 5:59
Operator : MD\SY
Sample : J4465-06MS
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

Quant Time: Aug 15 07:30:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	361254	45.093	ug/l	99
94) Hexachlorobutadiene	15.01	225	210426	43.696	ug/l	99
95) Naphthalene	15.13	128	743744	43.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	346476	46.170	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

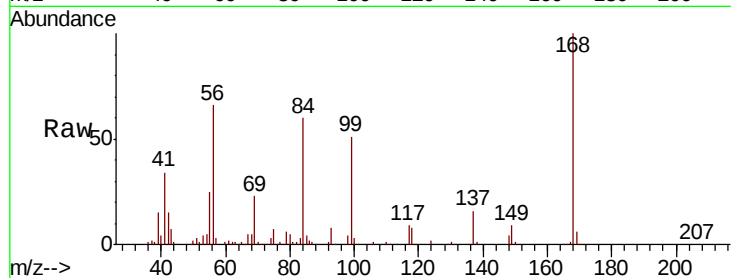
944-MW-05(17)MS

Tgt Ion:168 Resp: 633893

Ion Ratio Lower Upper

168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

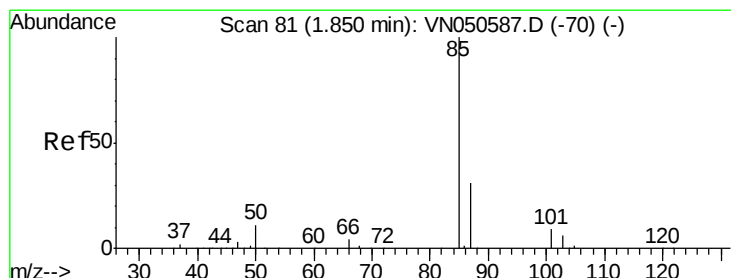
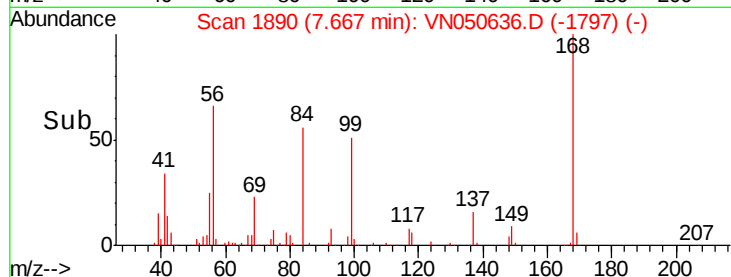
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.052 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050636.D

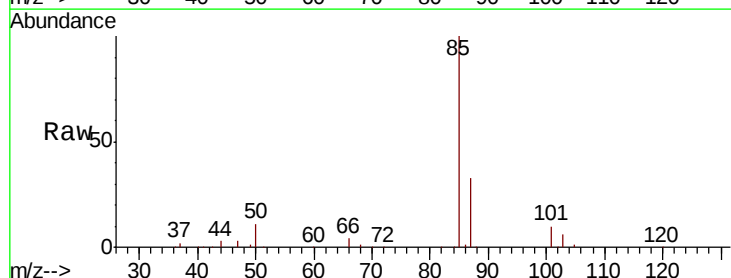
Acq: 15 Aug 2018 5:59

Tgt Ion: 85 Resp: 314806

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN050587.D (-70) (-)

Ion 86.90 (86.60 to 87.60): VN050587.D (-70) (-)

1.85

250000

200000

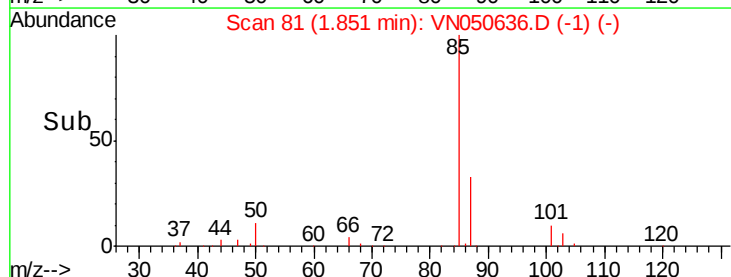
150000

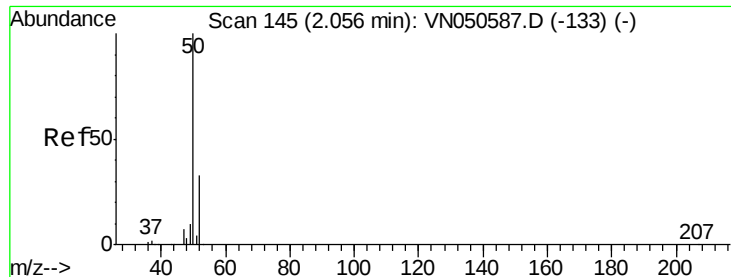
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.302 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

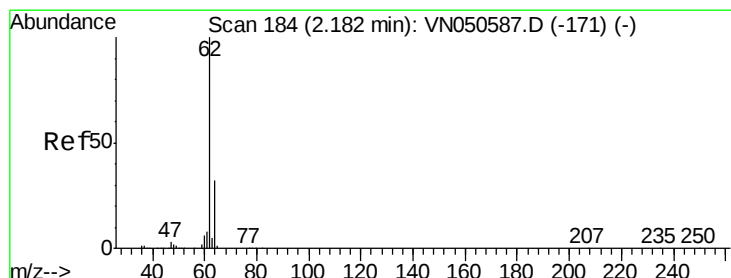
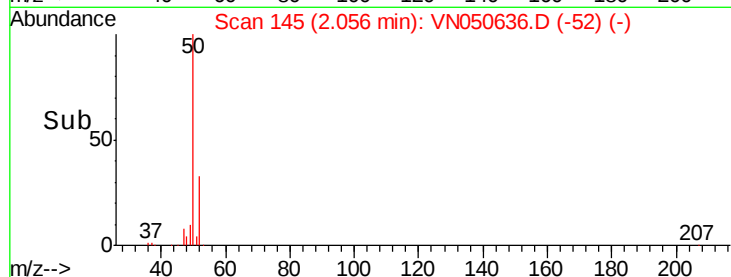
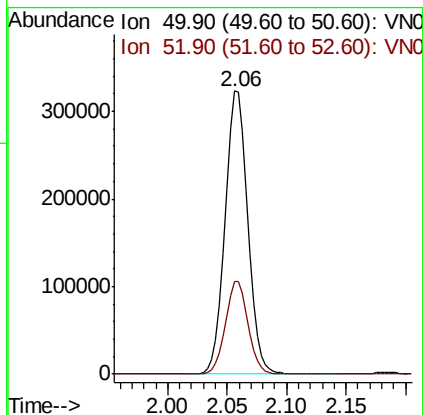
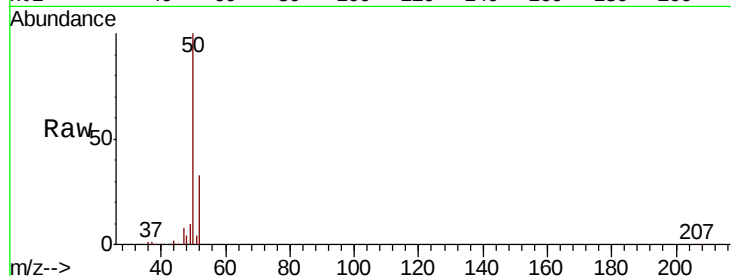
944-MW-05(17)MS

Tgt Ion: 50 Resp: 429393

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 46.596 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN050636.D

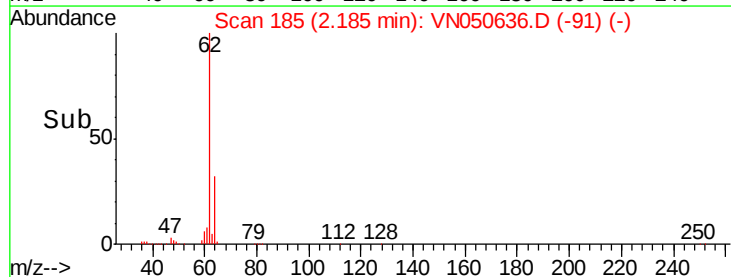
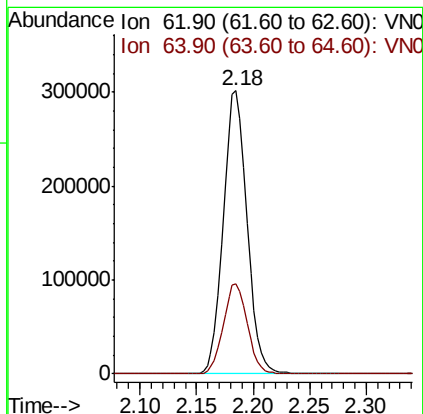
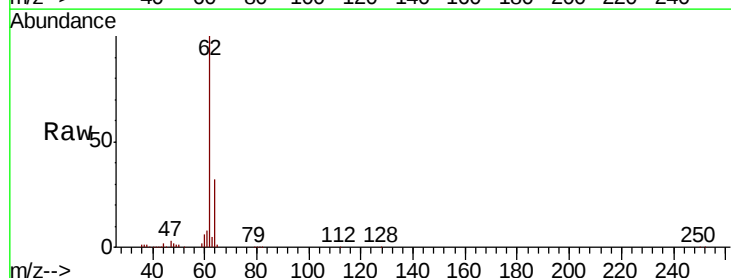
Acq: 15 Aug 2018 5:59

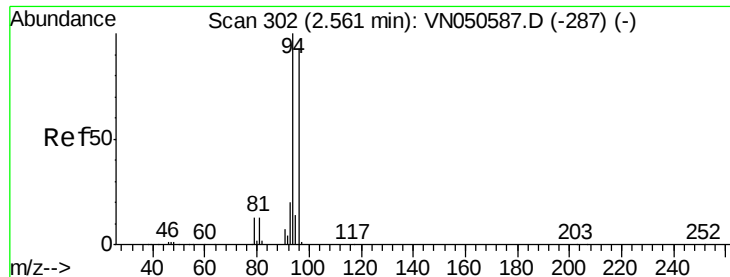
Tgt Ion: 62 Resp: 442358

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 49.258 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

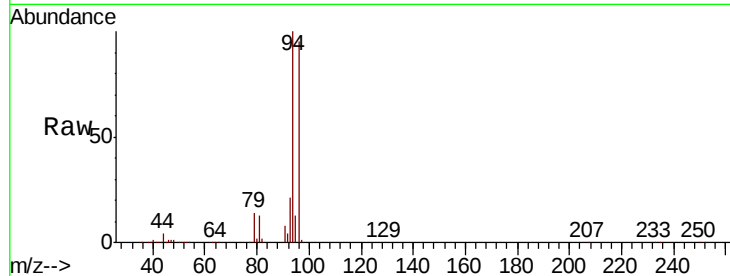
944-MW-05(17)MS

Tgt Ion: 94 Resp: 251492

Ion Ratio Lower Upper

94 100

96 94.6 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

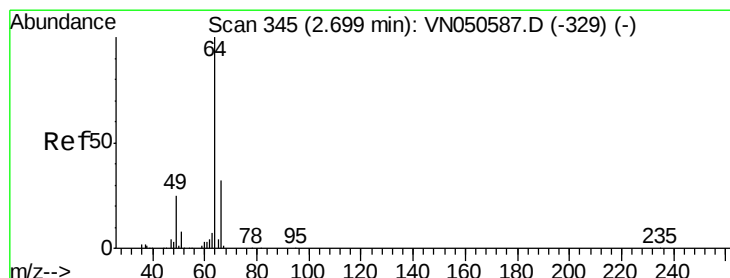
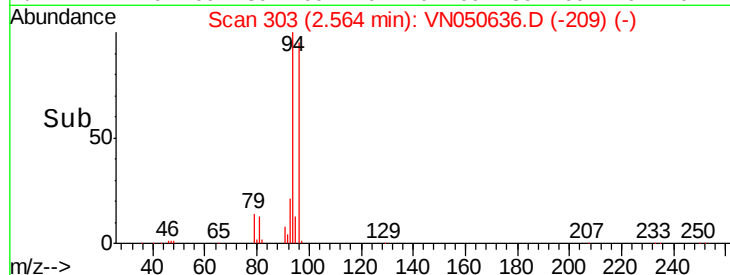
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.903 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050636.D

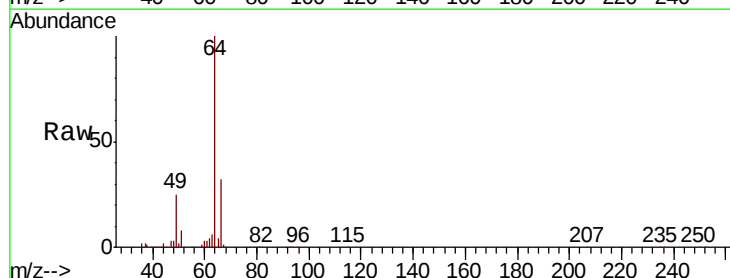
Acq: 15 Aug 2018 5:59

Tgt Ion: 64 Resp: 268383

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

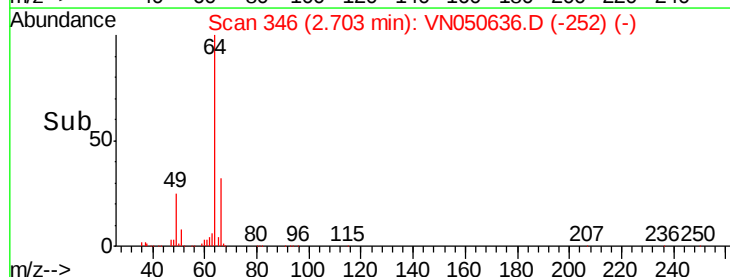
150000

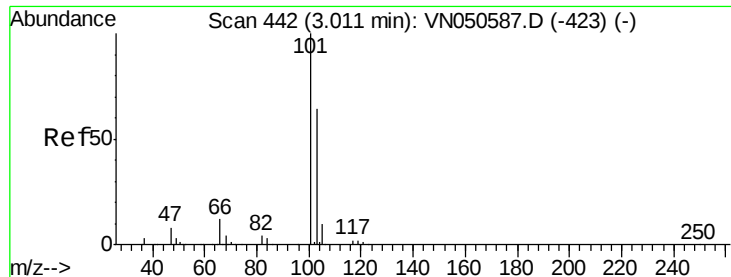
100000

50000

0

Time-->



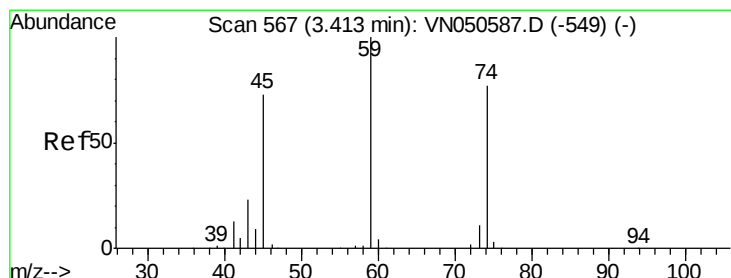
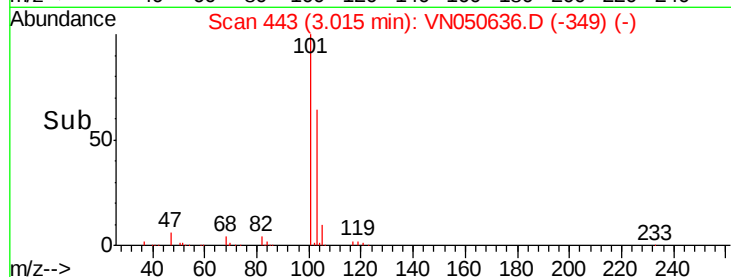
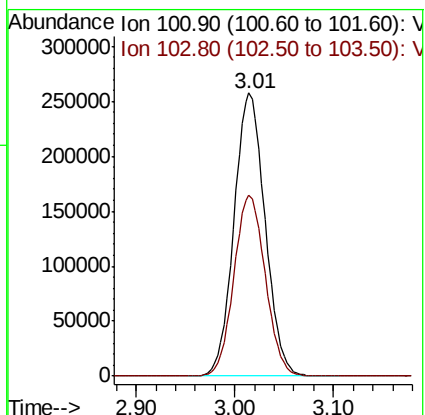
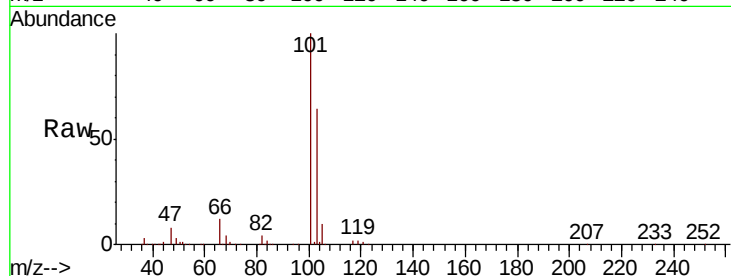


#7

Trichlorofluoromethane
 Concen: 45.237 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

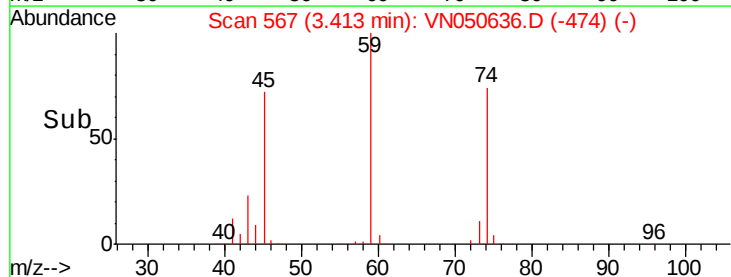
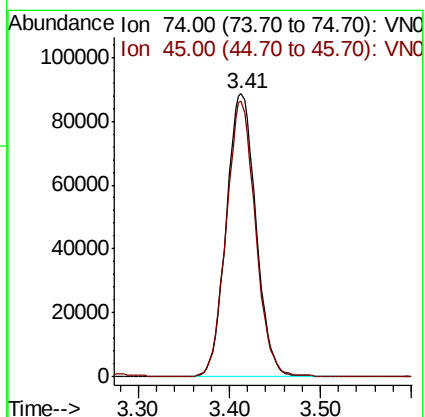
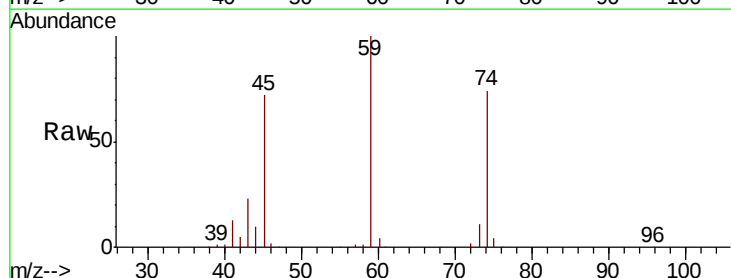
Tgt Ion: 101 Resp: 563492
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0

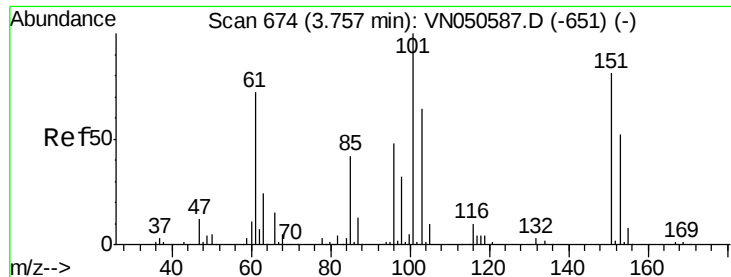


#8

Diethyl Ether
 Concen: 48.412 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 74 Resp: 200594
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.407 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

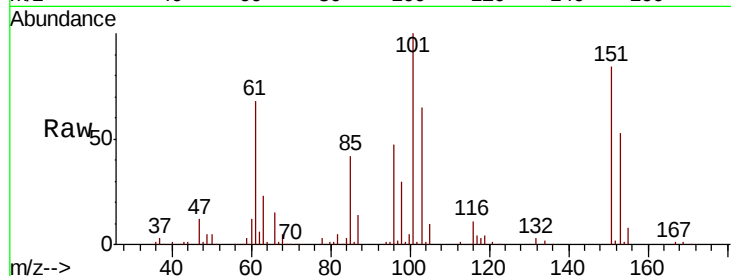
Tgt Ion:101 Resp: 334512

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.0

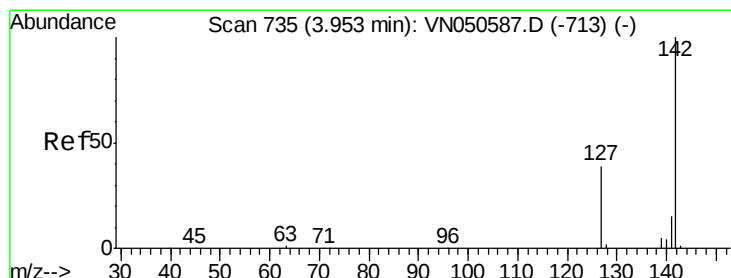
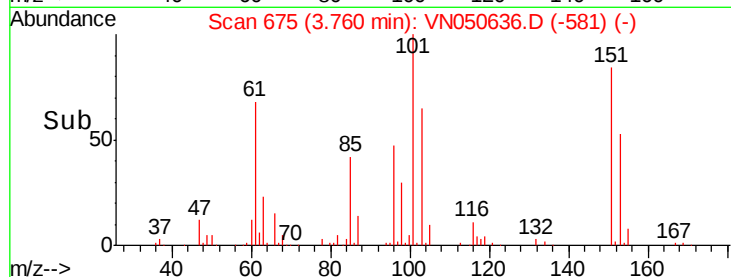
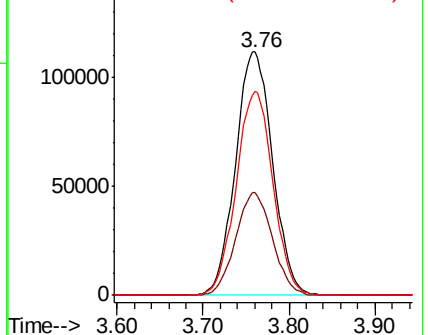
151 83.0 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.250 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

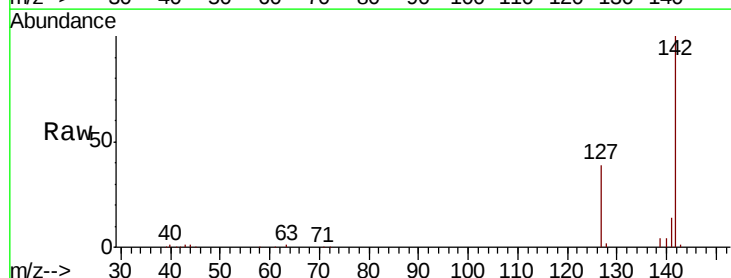
Tgt Ion:142 Resp: 250633

Ion Ratio Lower Upper

142 100

127 40.5 32.6 49.0

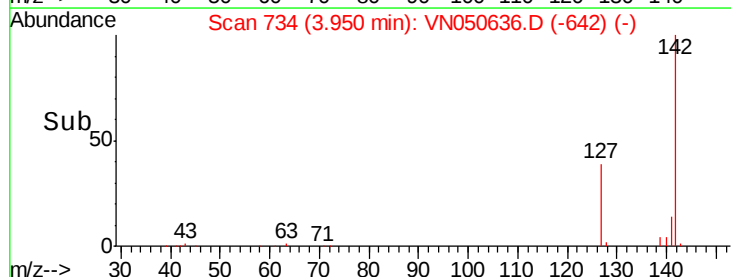
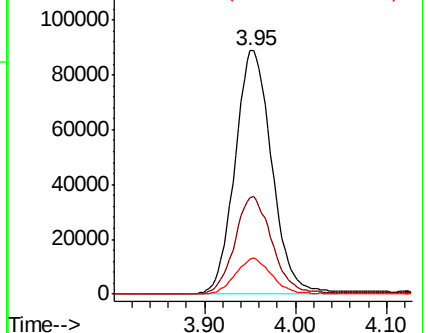
141 14.4 11.5 17.3

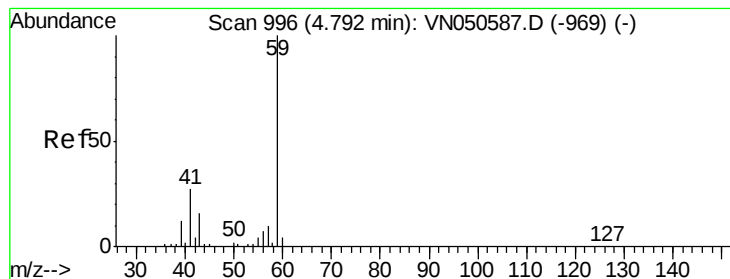


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



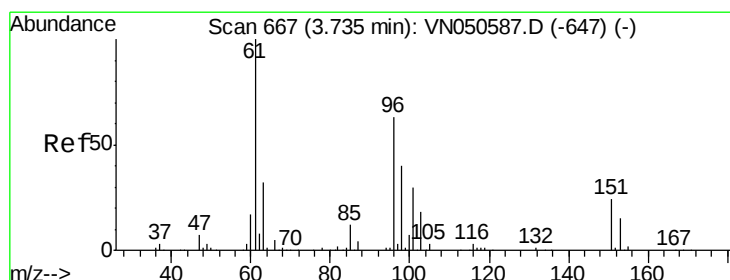
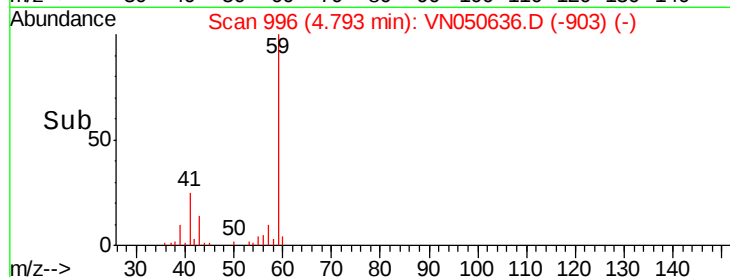
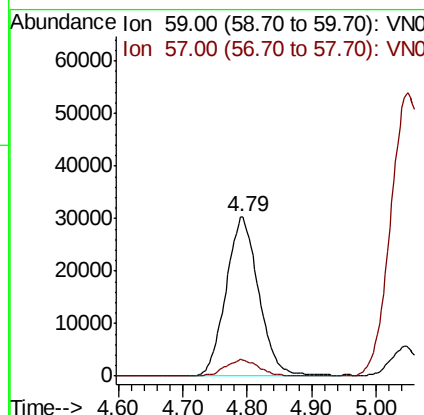
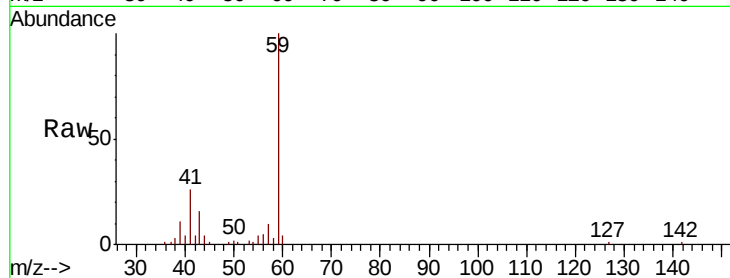


#11

Tert butyl alcohol
 Concen: 246.245 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

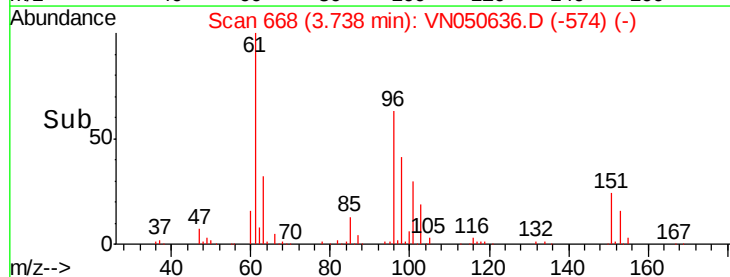
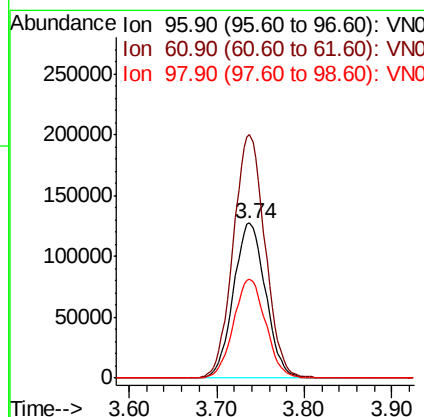
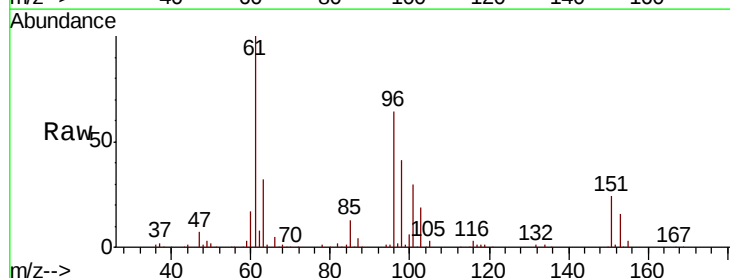
Tgt Ion: 59 Resp: 107435
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

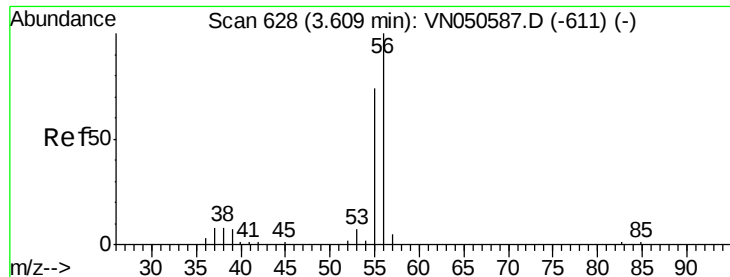


#12

1,1-Dichloroethene
 Concen: 47.258 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 96 Resp: 325048
 Ion Ratio Lower Upper
 96 100
 61 157.3 126.9 190.3
 98 64.2 51.1 76.7





#13

Acrolein

Concen: 220.869 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

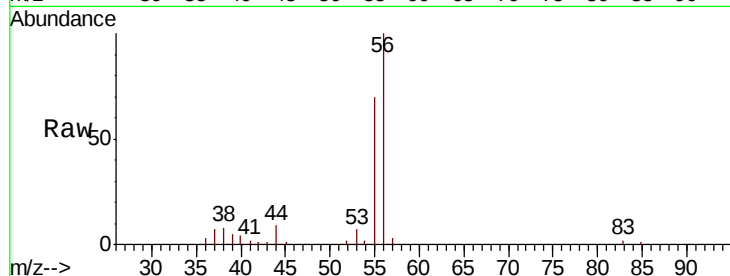
944-MW-05(17)MS

Tgt Ion: 56 Resp: 36908

Ion Ratio Lower Upper

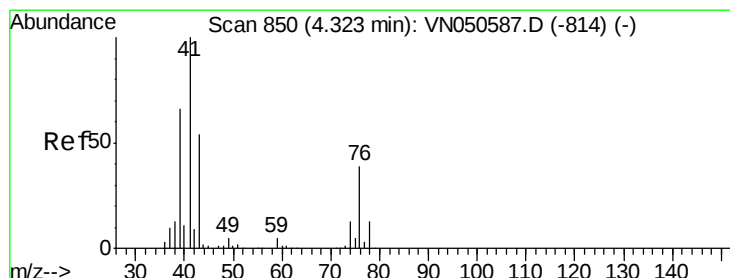
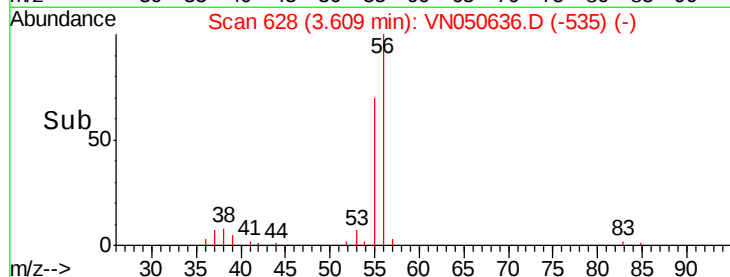
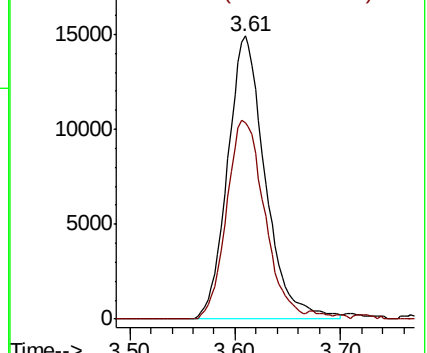
56 100

55 70.7 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.114 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

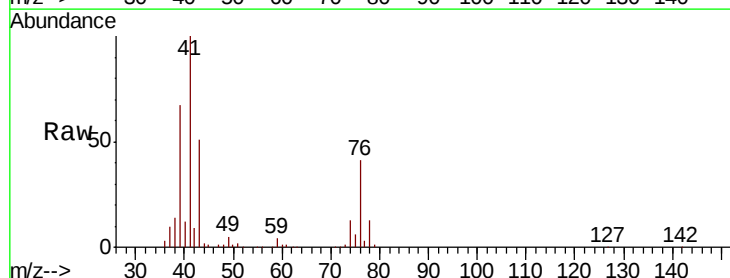
Tgt Ion: 41 Resp: 504061

Ion Ratio Lower Upper

41 100

39 63.5 51.4 77.0

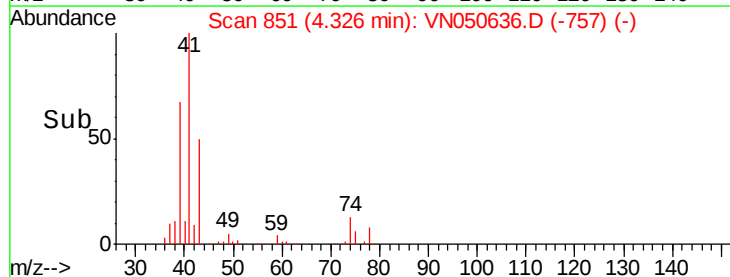
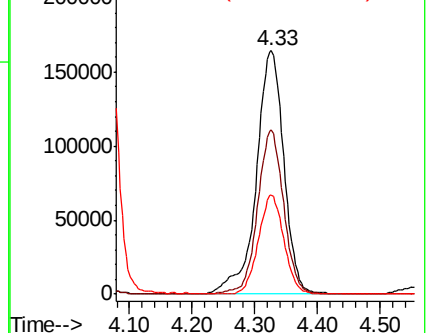
76 37.2 29.4 44.0

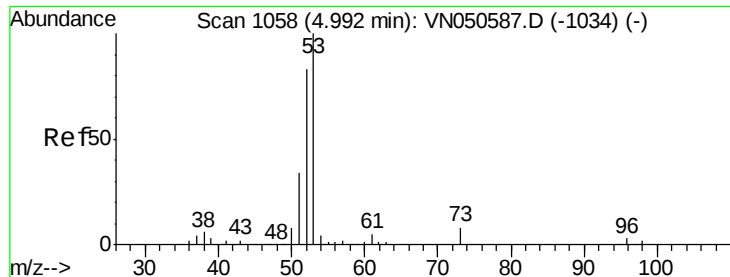


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 243.581 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

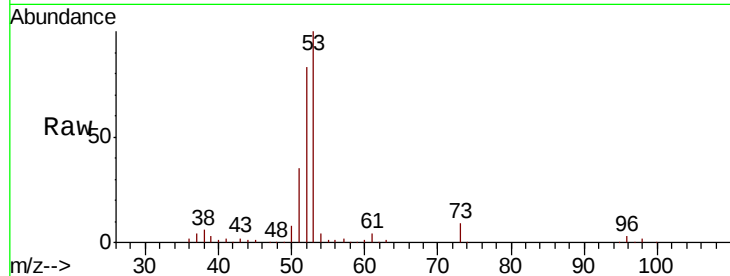
Tgt Ion: 53 Resp: 583670

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

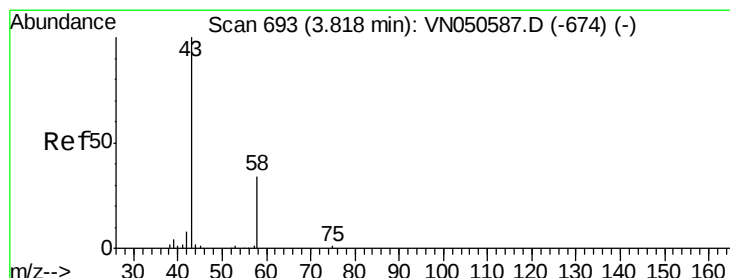
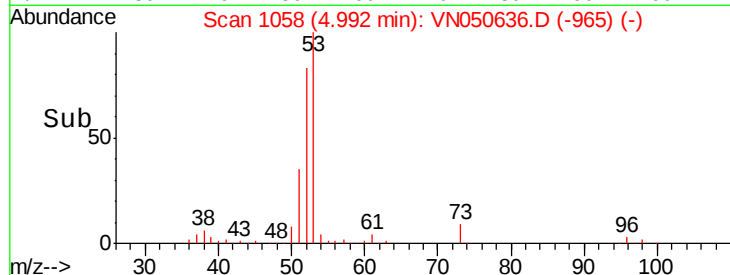
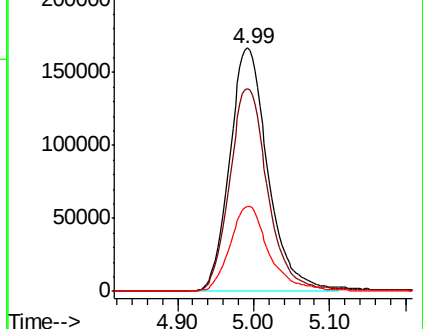
51 35.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 254.595 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050636.D

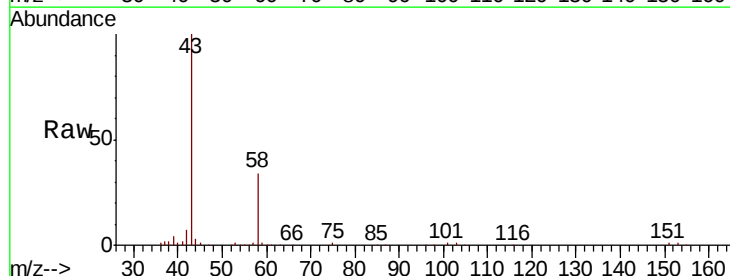
Acq: 15 Aug 2018 5:59

Tgt Ion: 43 Resp: 507885

Ion Ratio Lower Upper

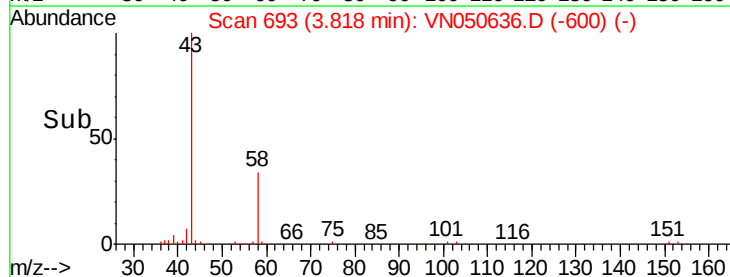
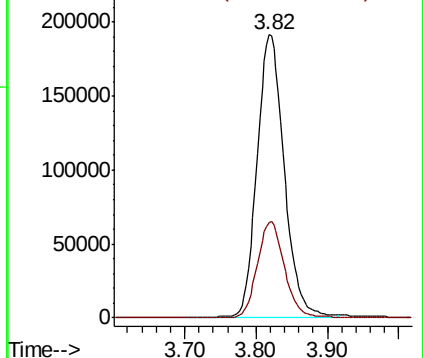
43 100

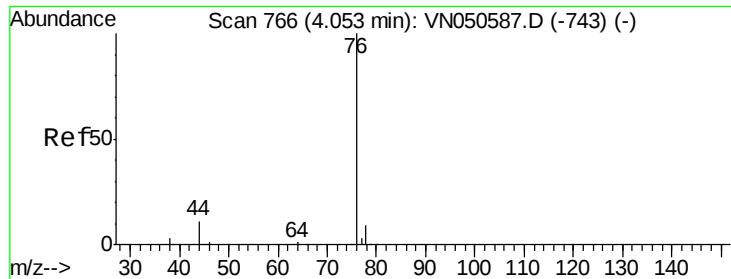
58 33.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

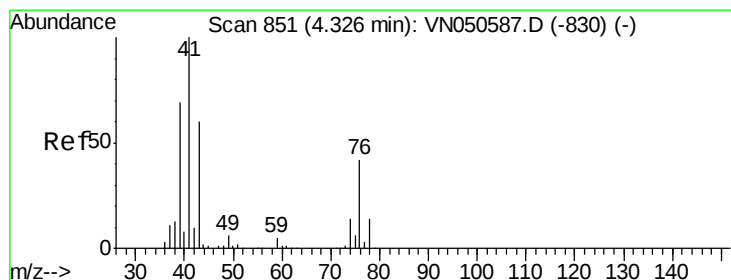
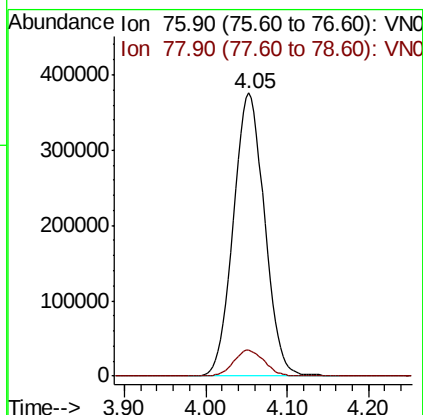
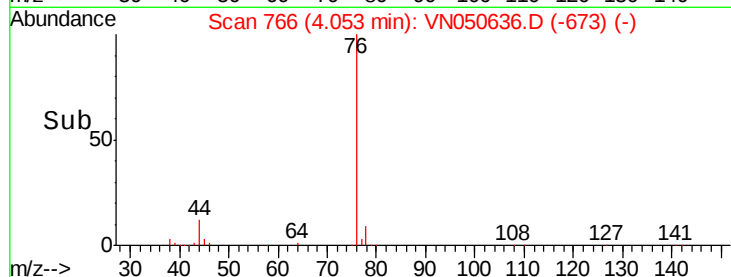
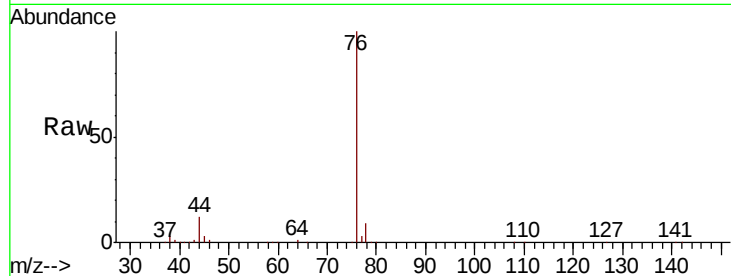




#17
Carbon Disulfide
Concen: 46.073 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

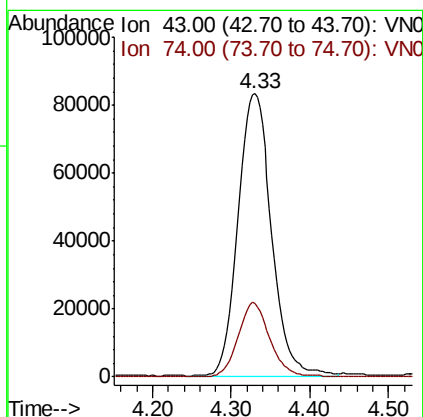
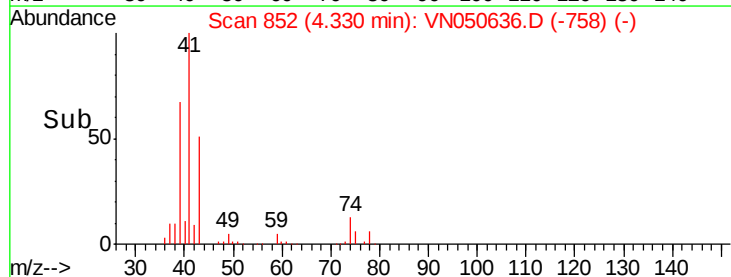
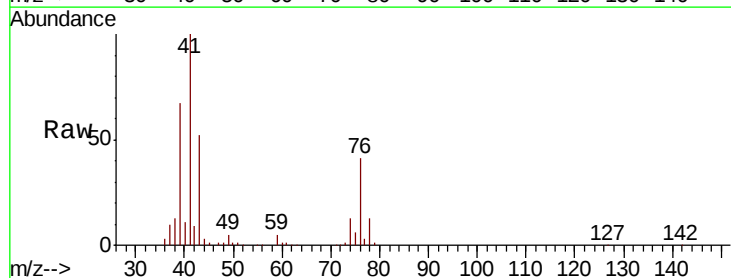
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

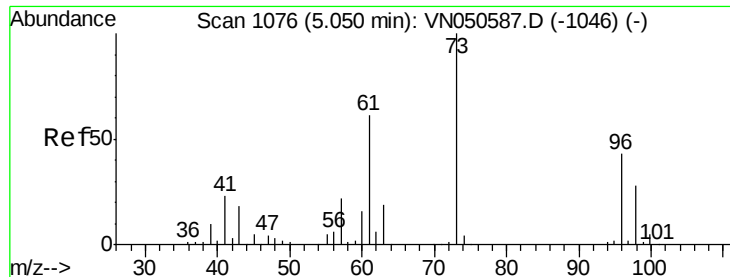
Tgt Ion: 76 Resp: 997235
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 44.132 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion: 43 Resp: 248322
Ion Ratio Lower Upper
43 100
74 25.2 19.7 29.5



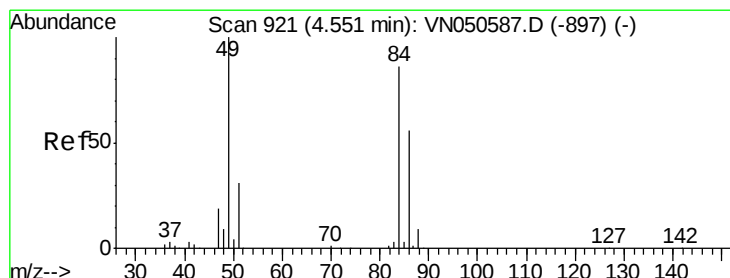
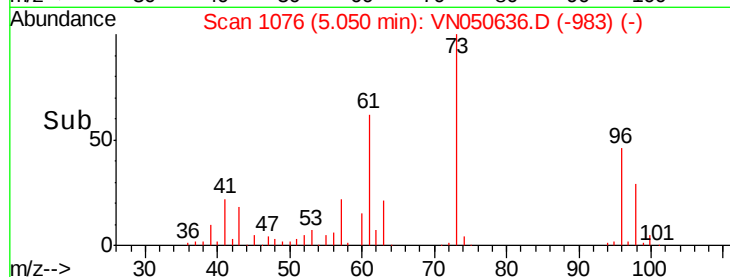
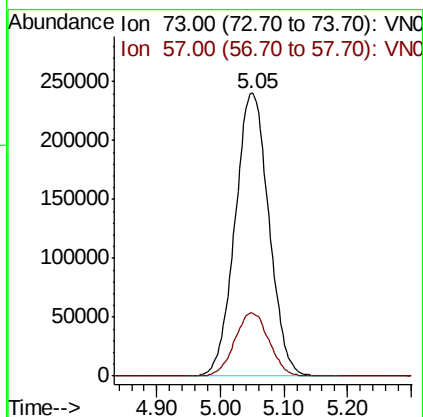
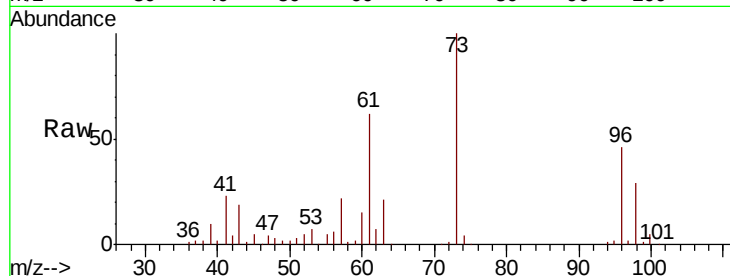


#19

Methyl tert-butyl Ether
 Concen: 50.745 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

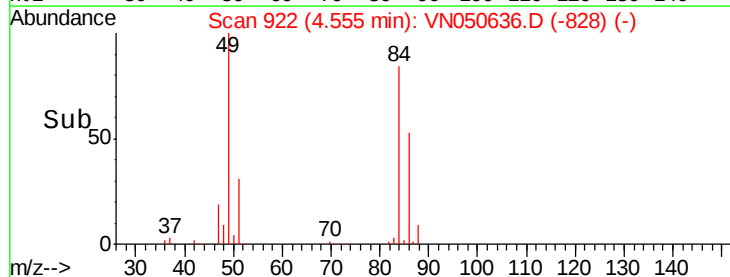
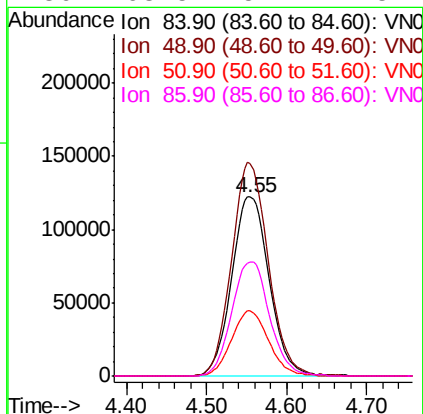
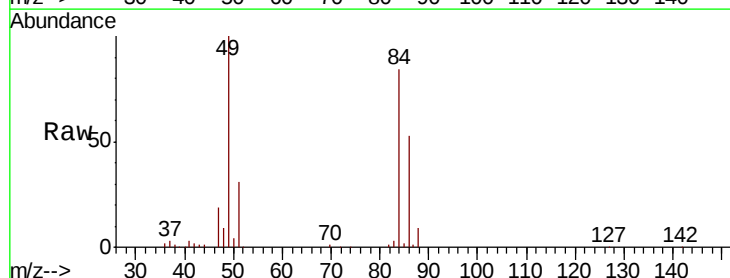
Tgt Ion: 73 Resp: 888315
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.9 26.9

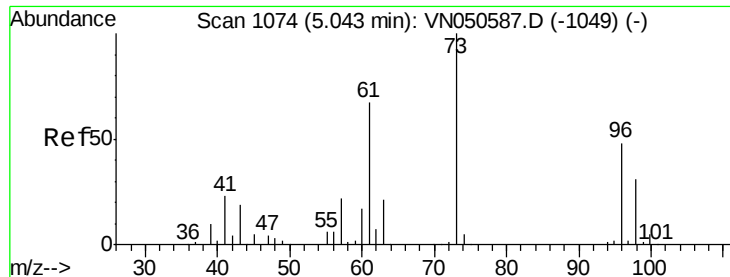


#20

Methylene Chloride
 Concen: 51.316 ug/l
 RT: 4.55 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 84 Resp: 389475
 Ion Ratio Lower Upper
 84 100
 49 119.0 92.6 138.8
 51 36.6 28.6 43.0
 86 63.5 52.2 78.2

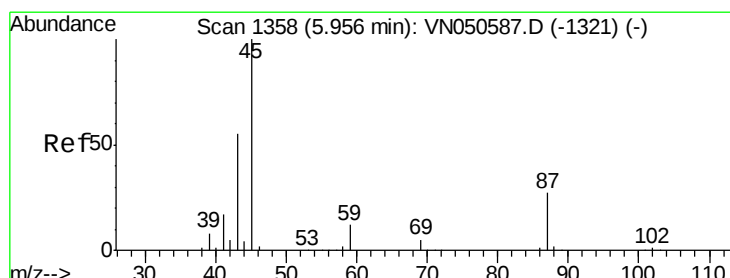
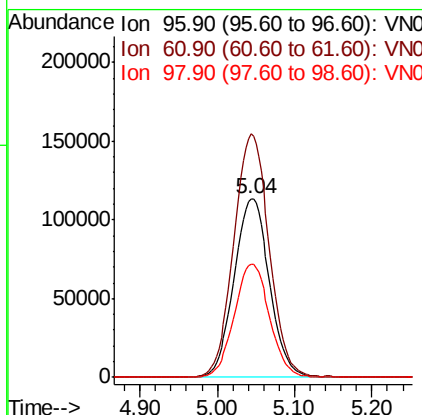
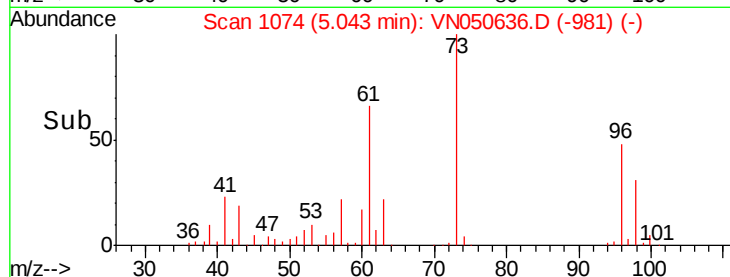
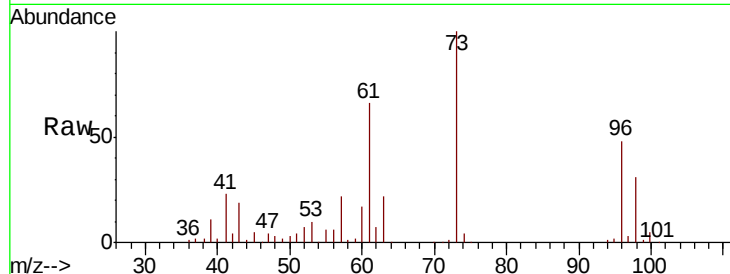




#21
trans-1,2-Dichloroethene
Concen: 48.389 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

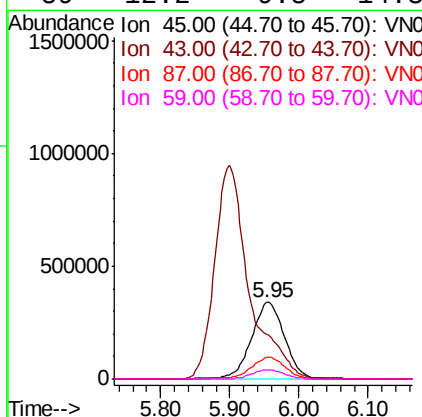
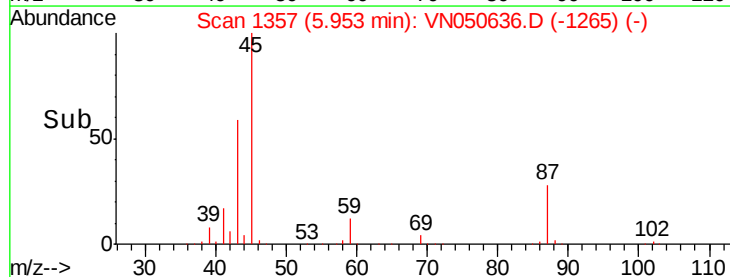
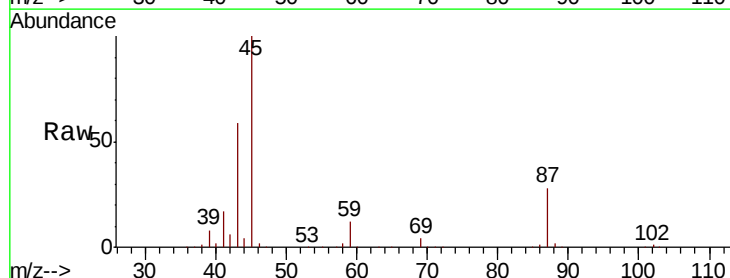
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

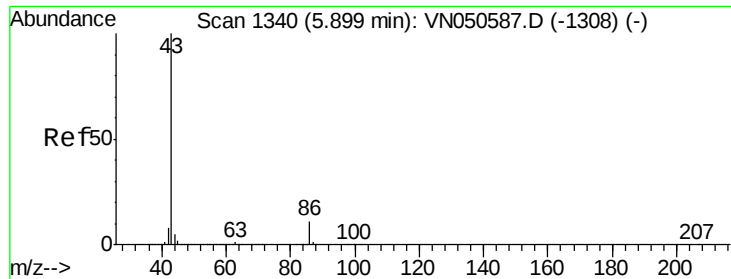
Tgt Ion: 96 Resp: 360829
Ion Ratio Lower Upper
96 100
61 136.1 111.2 166.8
98 63.5 51.6 77.4



#22
Diisopropyl ether
Concen: 51.262 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion: 45 Resp: 1124442
Ion Ratio Lower Upper
45 100
43 57.8 44.5 66.7
87 27.8 22.2 33.2
59 12.2 9.5 14.3





#23

Vinyl Acetate

Concen: 229.930 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

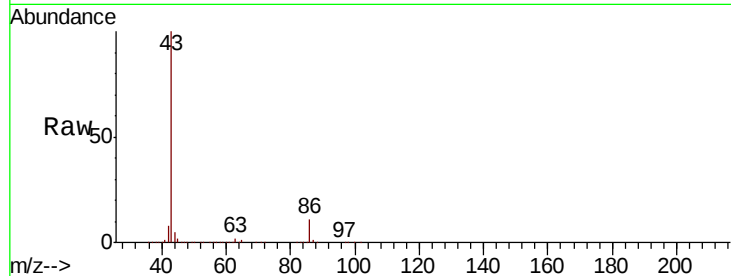
944-MW-05(17)MS

Tgt Ion: 43 Resp: 3299326

Ion Ratio Lower Upper

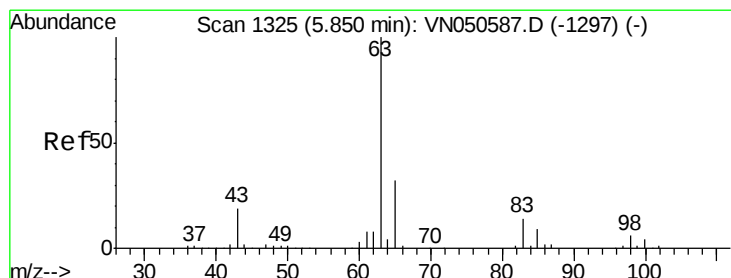
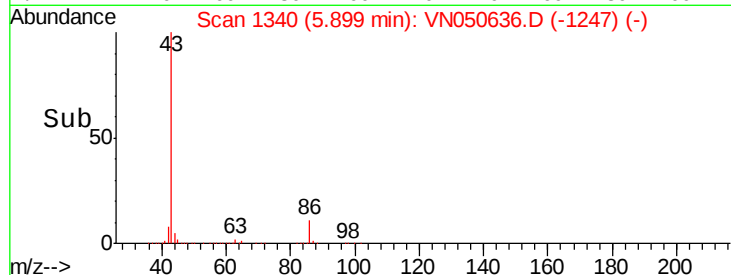
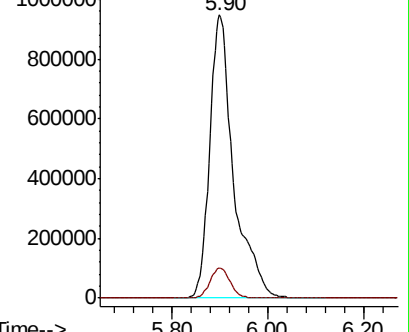
43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-1308) (-)

Ion 86.00 (85.70 to 86.70): VN050587.D (-1308) (-)



#24

1,1-Dichloroethane

Concen: 46.988 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

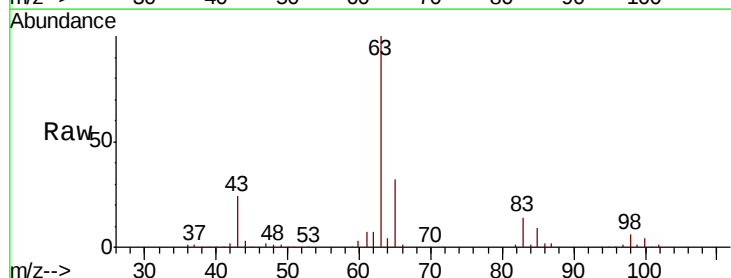
Tgt Ion: 63 Resp: 666921

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

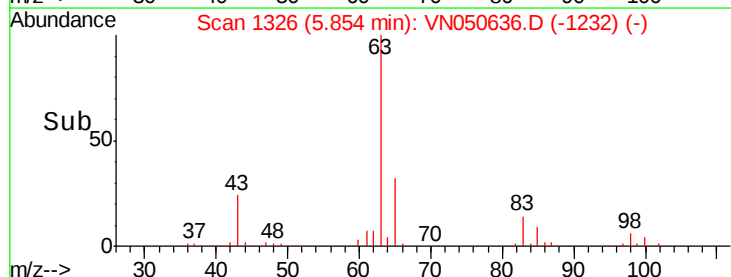
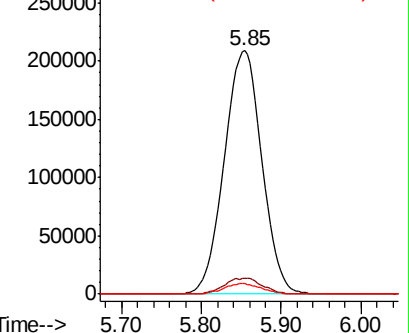
100 4.1 2.1 6.5

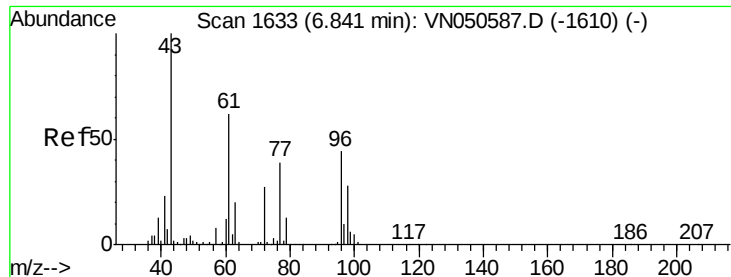


Abundance Ion 62.90 (62.60 to 63.60): VN050587.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN050587.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN050587.D (-1297) (-)

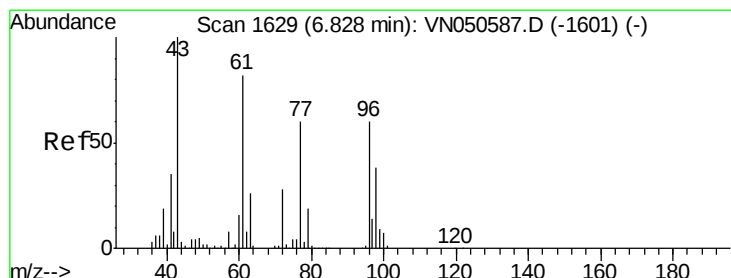
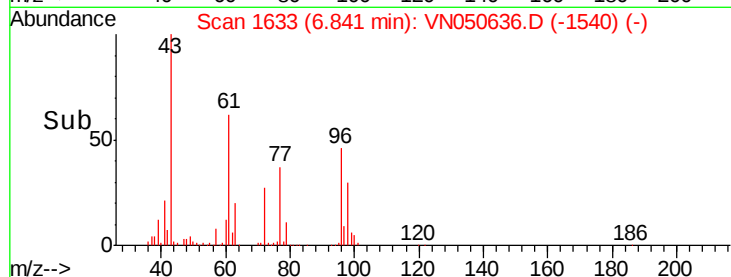
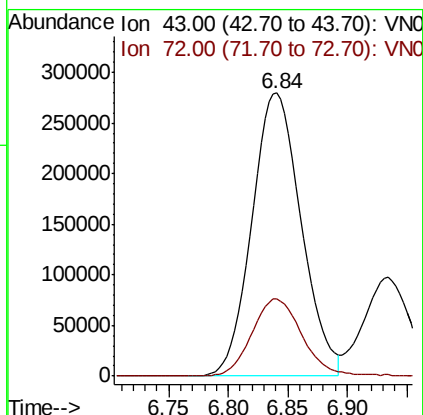
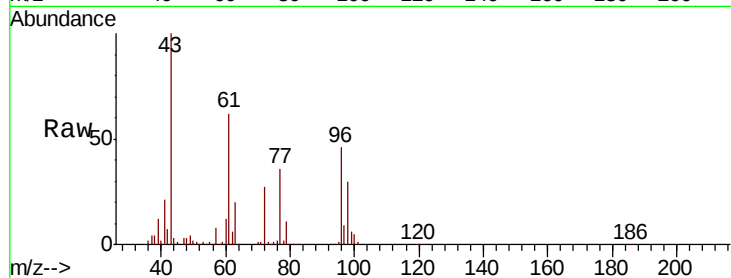




#25
 2-Butanone
 Concen: 244.758 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

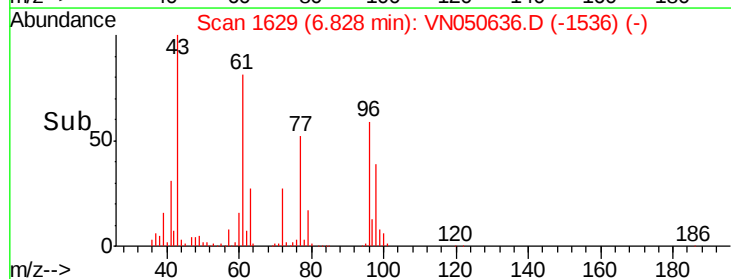
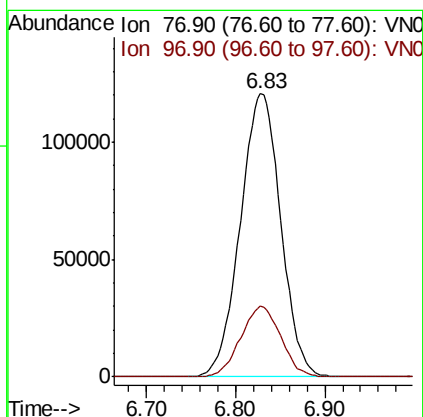
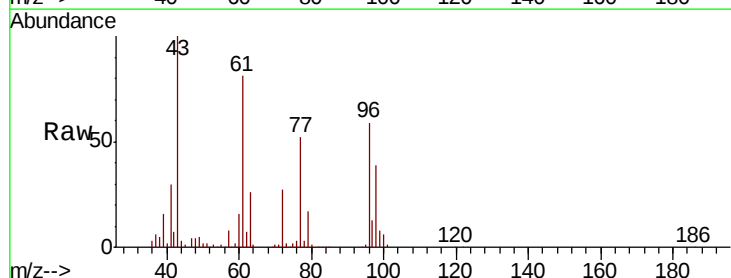
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

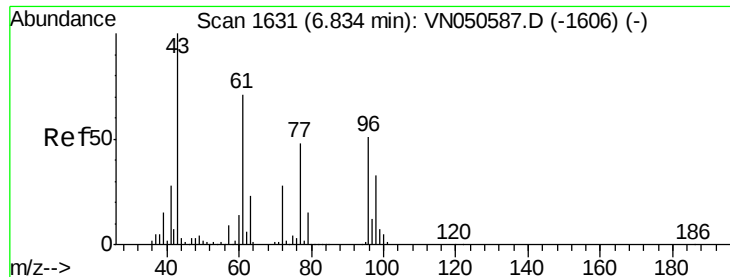
Tgt Ion: 43 Resp: 801848
 Ion Ratio Lower Upper
 43 100
 72 27.1 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 39.971 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 77 Resp: 379741
 Ion Ratio Lower Upper
 77 100
 97 24.7 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 48.762 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

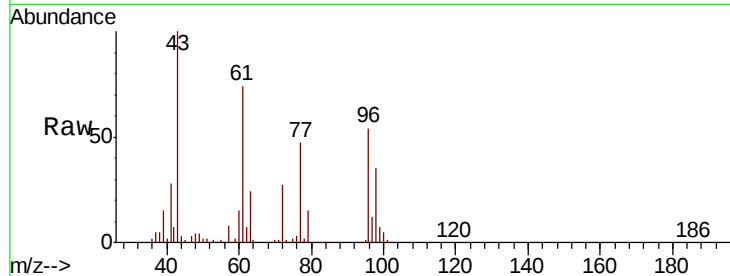
Tgt Ion: 96 Resp: 404891

Ion Ratio Lower Upper

96 100

61 136.5 0.0 278.2

98 64.0 0.0 128.8

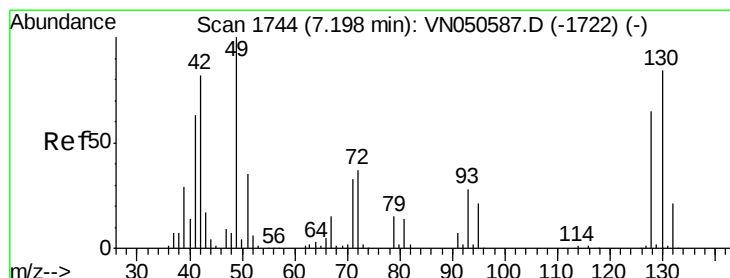
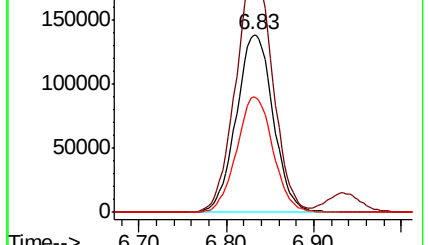
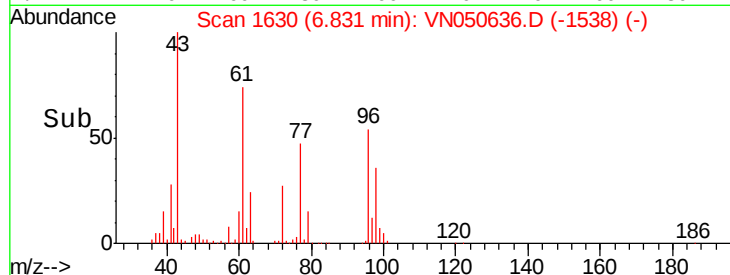


Abundance Ion 95.90 (95.60 to 96.60): VN050587.D (-1606) (-)

Ion 60.90 (60.60 to 61.60): VN050587.D (-1606) (-)

Ion 97.90 (97.60 to 98.60): VN050587.D (-1606) (-)

Time-->



#28

Bromochloromethane

Concen: 50.194 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

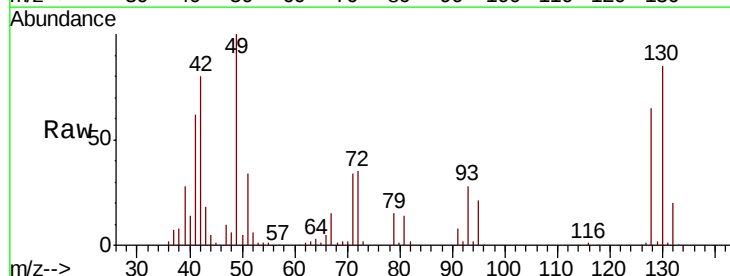
Tgt Ion: 49 Resp: 324226

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 83.9 66.8 100.2

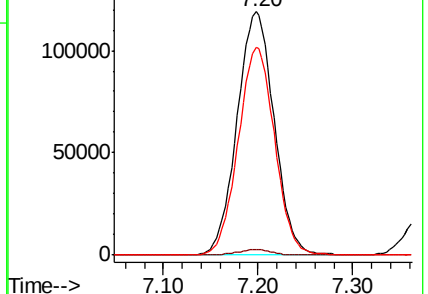
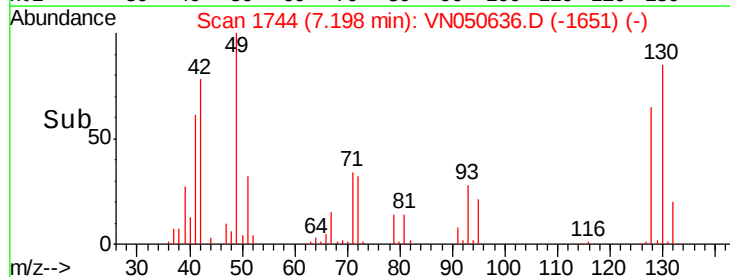


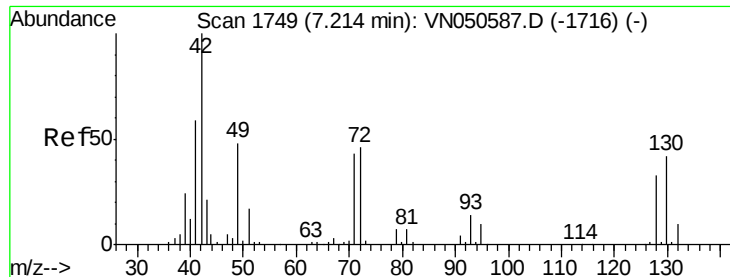
Abundance Ion 48.90 (48.60 to 49.60): VN050587.D (-1722) (-)

Ion 128.80 (128.50 to 129.50): VN050587.D (-1722) (-)

Ion 129.80 (129.50 to 130.50): VN050587.D (-1722) (-)

Time-->





#29

Tetrahydrofuran

Concen: 253.243 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

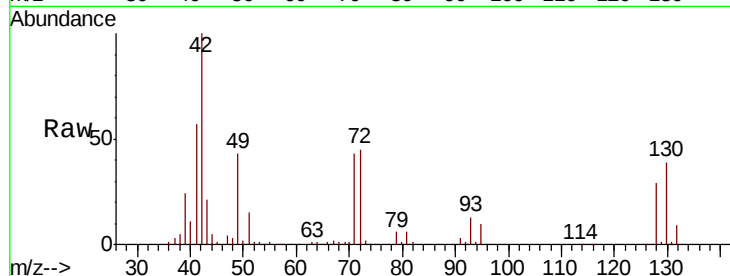
Tgt Ion: 42 Resp: 433191

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.6

71 42.2 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN050587.D (-1716) (-)

Ion 72.00 (71.70 to 72.70): VN050587.D (-1716) (-)

Ion 71.00 (70.70 to 71.70): VN050587.D (-1716) (-)

7.22

150000

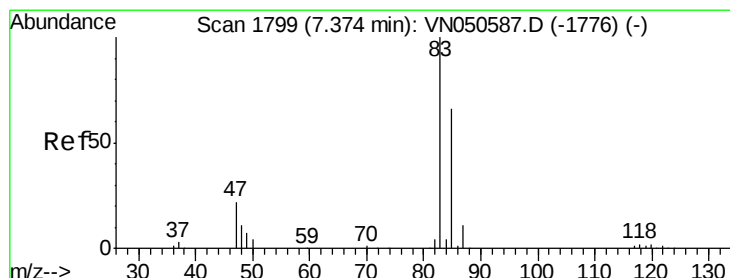
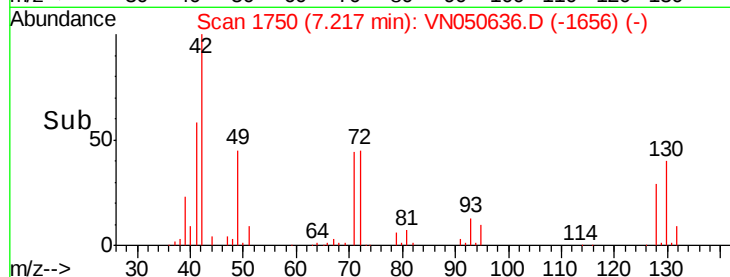
100000

50000

0

7.00 7.10 7.20 7.30 7.40

Time-->



#30

Chloroform

Concen: 46.832 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050636.D

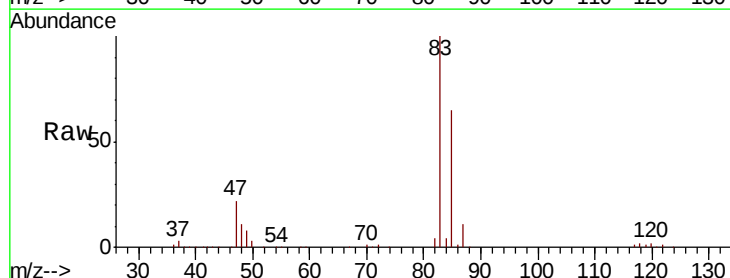
Acq: 15 Aug 2018 5:59

Tgt Ion: 83 Resp: 673614

Ion Ratio Lower Upper

83 100

85 65.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-1776) (-)

300000

250000

200000

150000

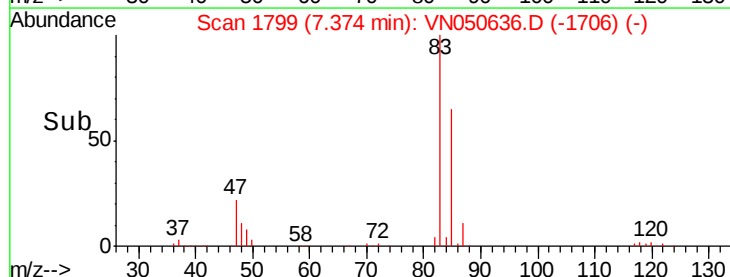
100000

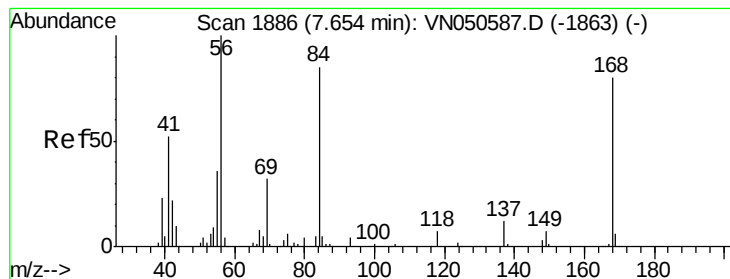
50000

0

7.30 7.40 7.50

Time-->





#31

Cyclohexane

Concen: 47.340 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

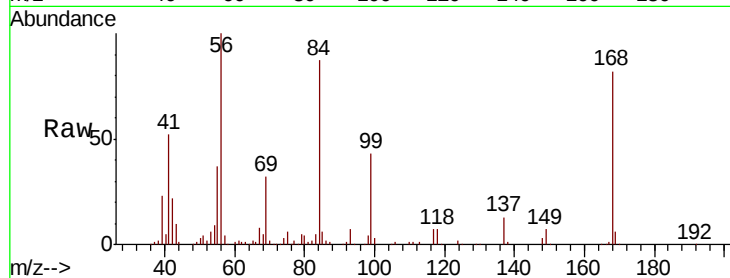
Tgt Ion: 56 Resp: 573607

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.6

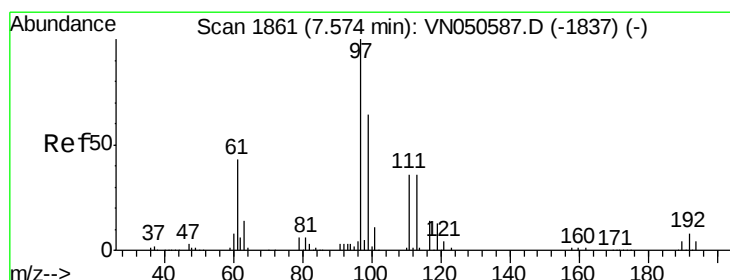
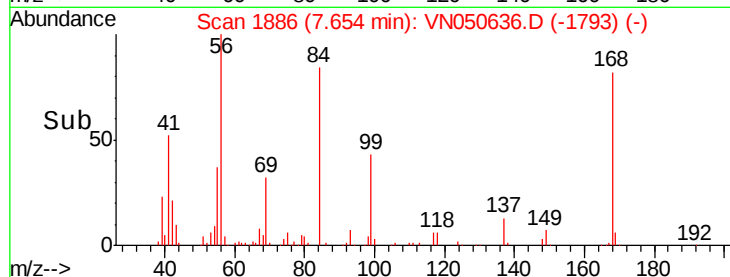
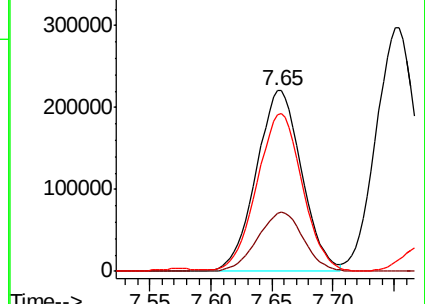
84 85.6 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.959 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

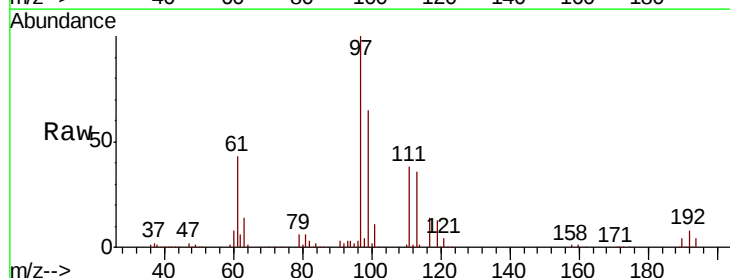
Tgt Ion: 97 Resp: 568530

Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

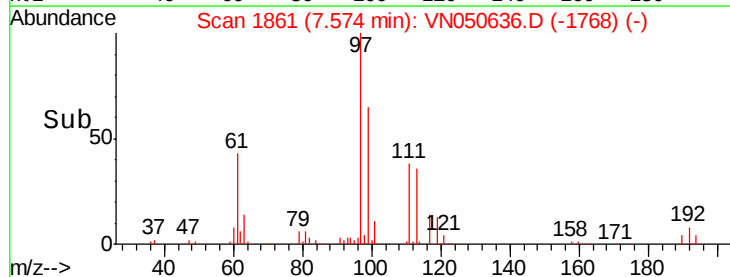
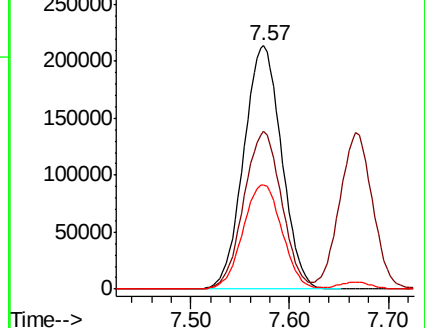
61 44.1 34.8 52.2

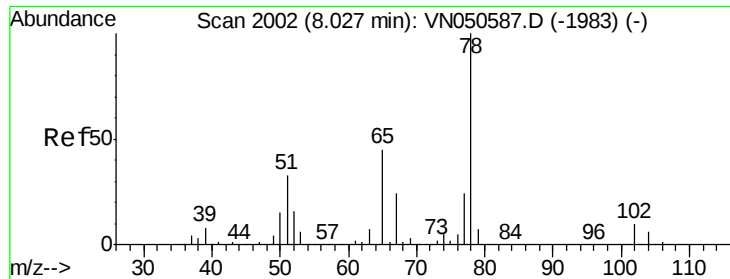


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

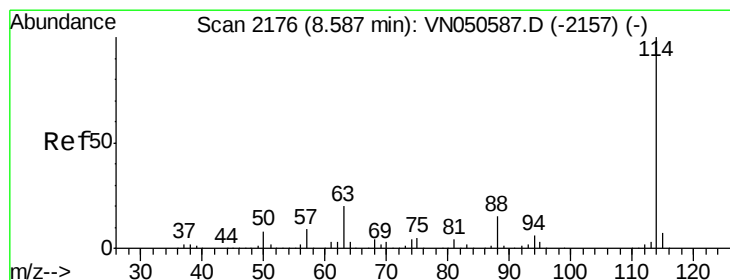
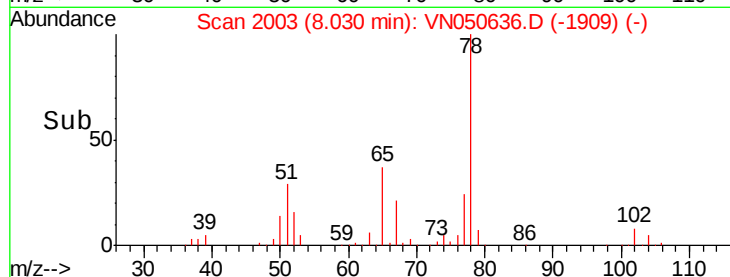
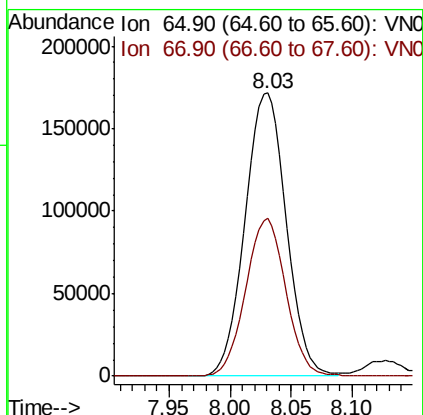
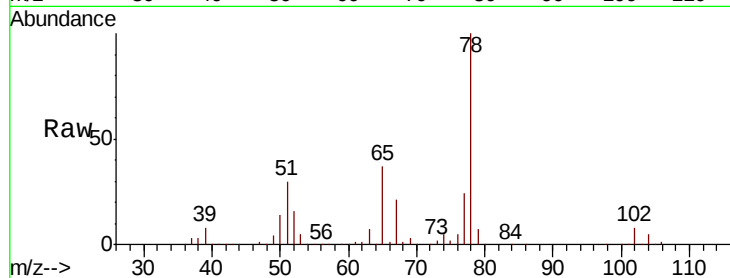




#33
 1,2-Dichloroethane-d4
 Concen: 50.144 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

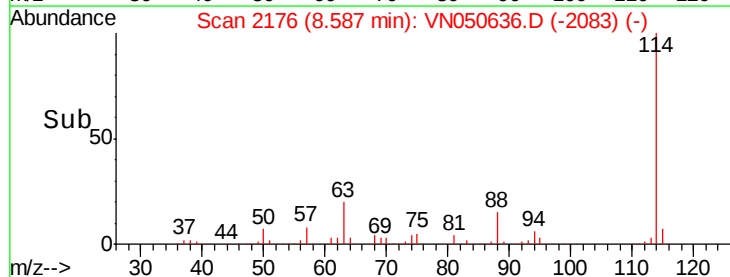
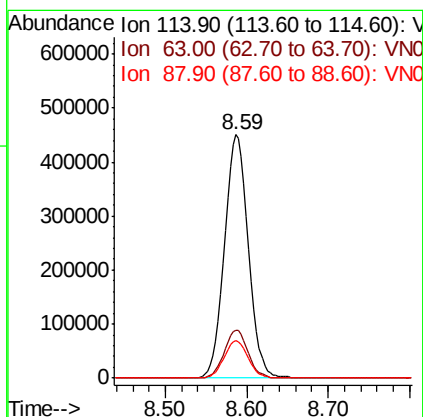
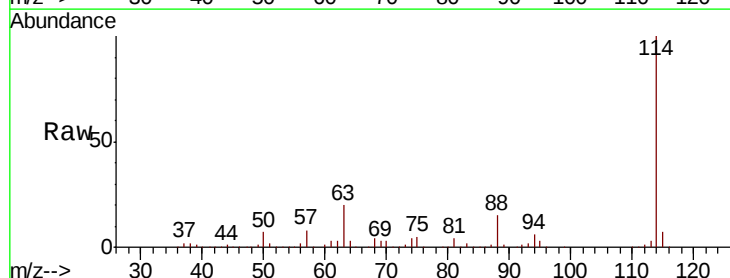
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

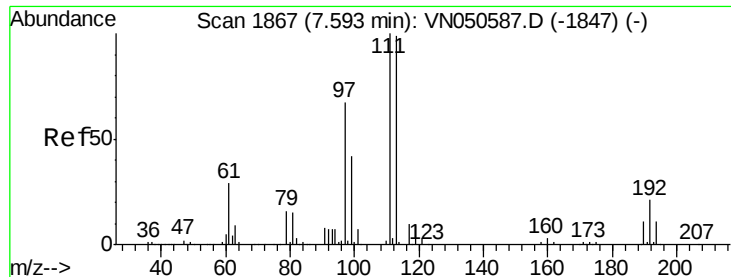
Tgt Ion: 65 Resp: 400665
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 114 Resp: 932330
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 30.8

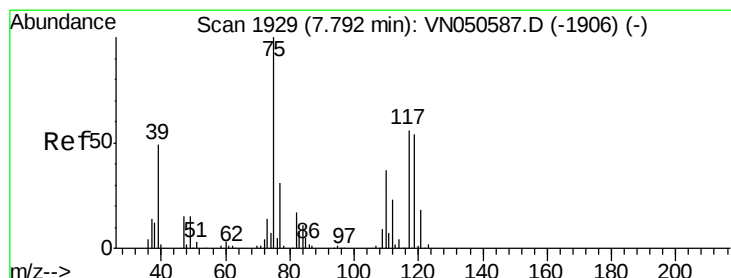
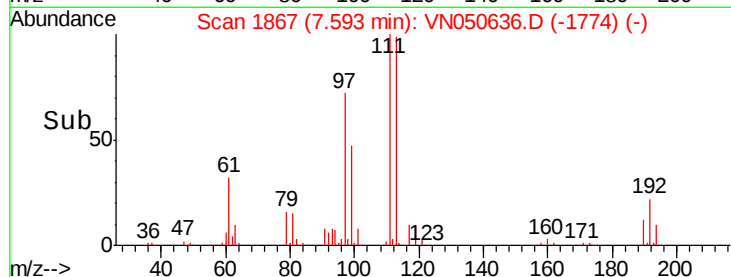
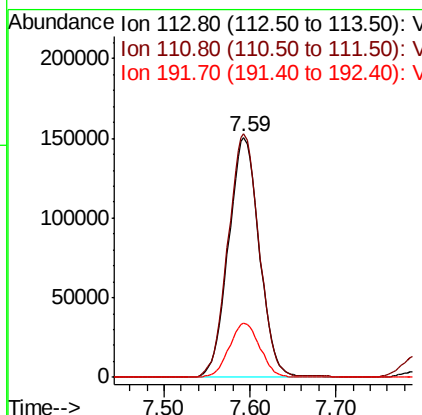
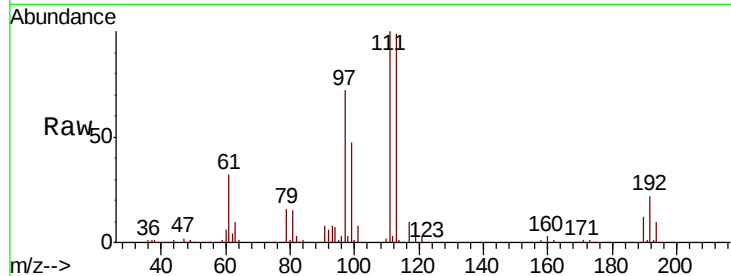




#35
 Dibromofluoromethane
 Concen: 50.412 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

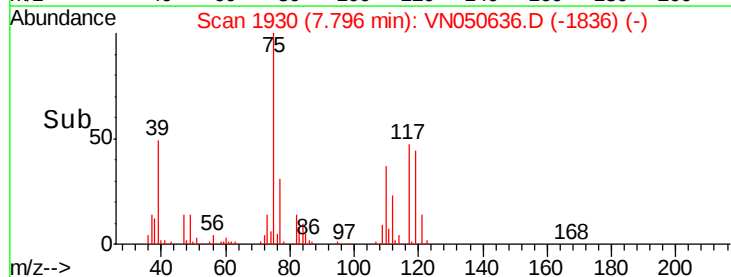
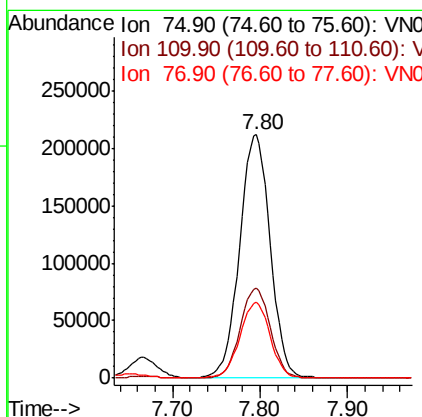
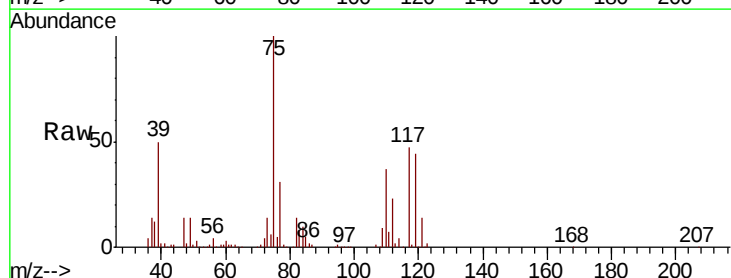
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

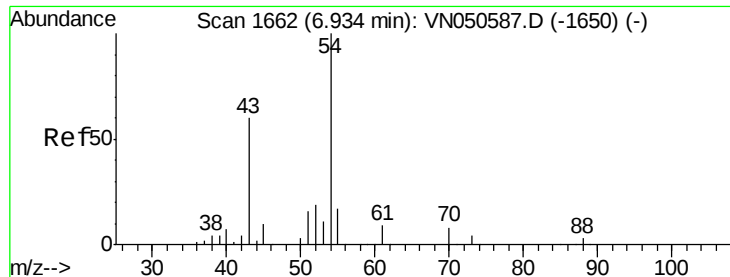
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.6
192	22.5	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 49.384 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	31.2	25.0	37.4

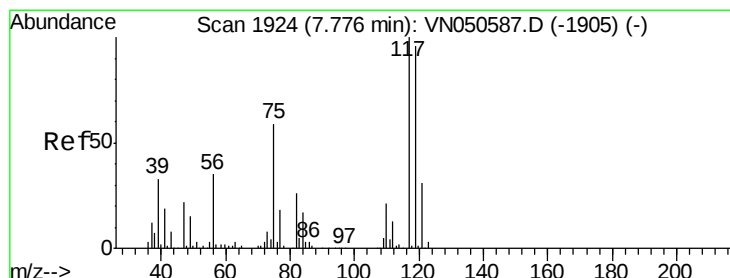
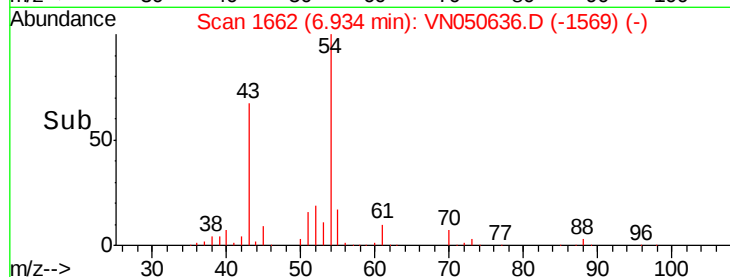
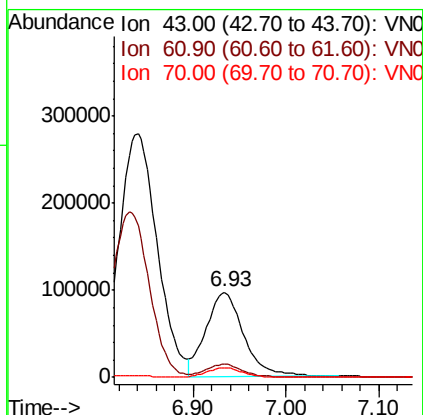
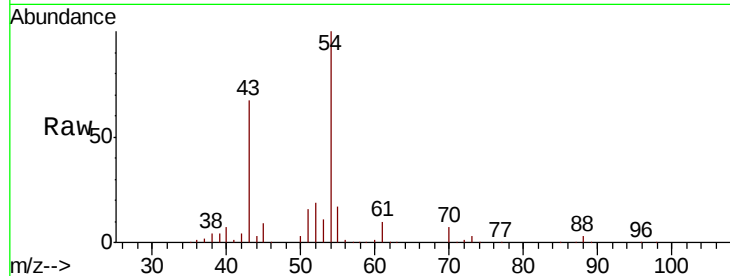




#37
 Ethyl Acetate
 Concen: 46.641 ug/l
 RT: 6.93 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

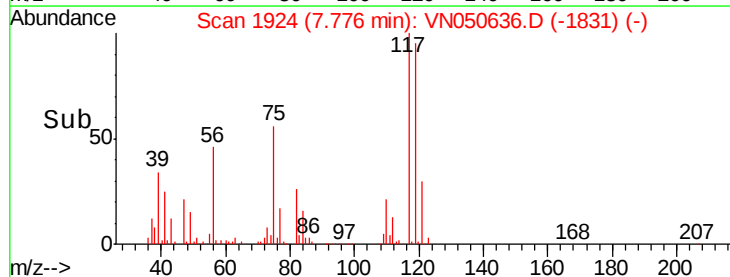
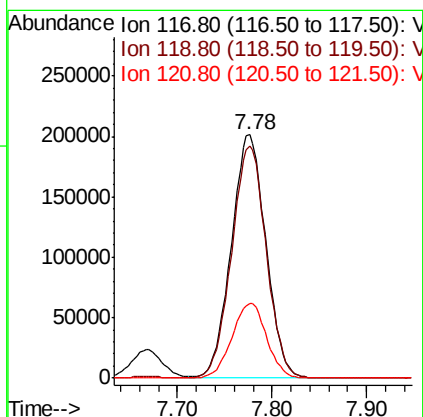
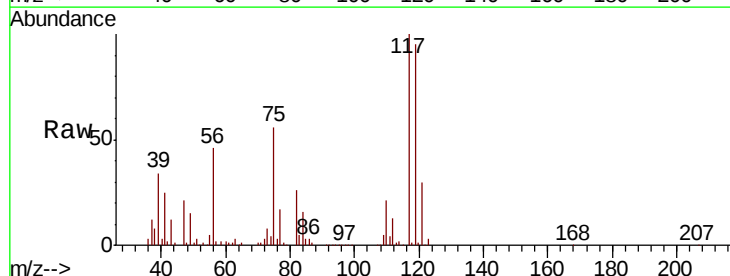
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

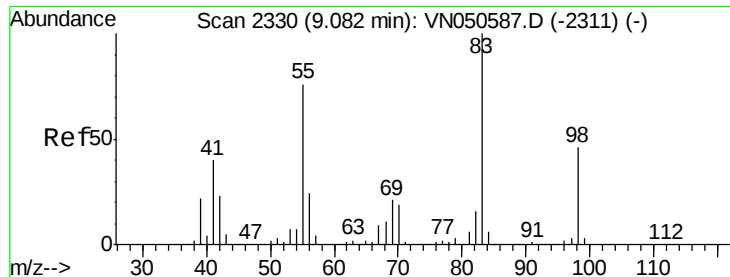
Tgt Ion: 43 Resp: 273625
 Ion Ratio Lower Upper
 43 100
 61 15.3 12.0 18.0
 70 10.8 8.5 12.7



#38
 Carbon Tetrachloride
 Concen: 47.507 ug/l
 RT: 7.78 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 117 Resp: 511485
 Ion Ratio Lower Upper
 117 100
 119 95.0 76.6 115.0
 121 30.4 25.0 37.6

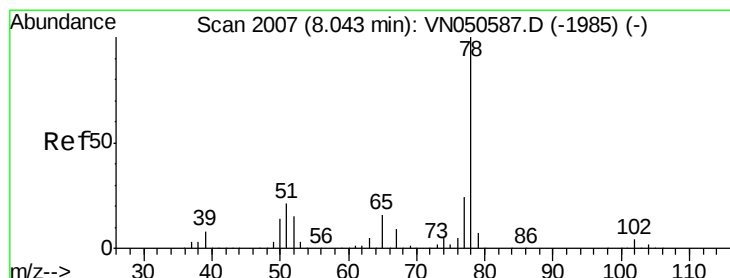
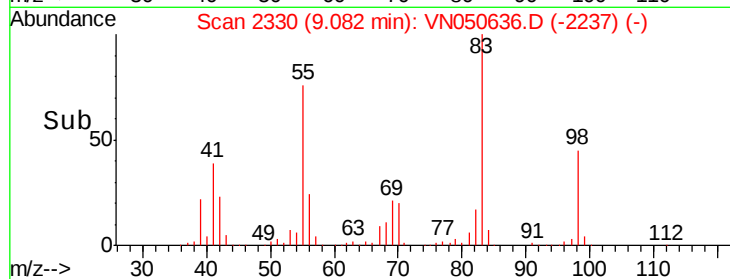
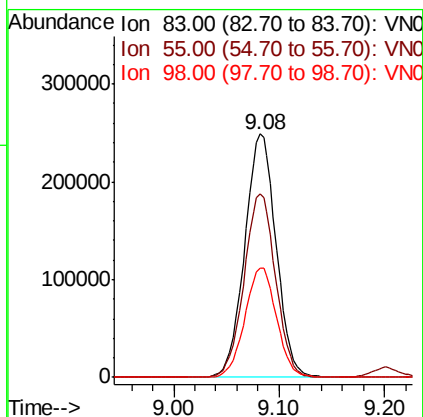
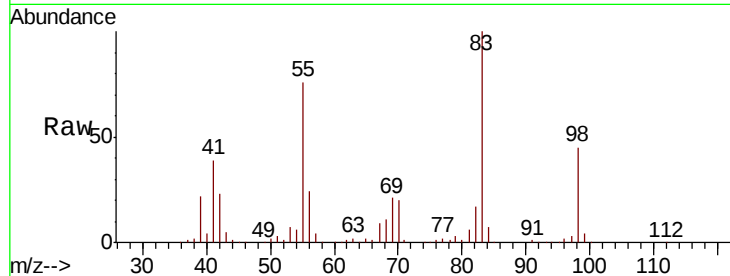




#39
Methylcyclohexane
Concen: 47.884 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

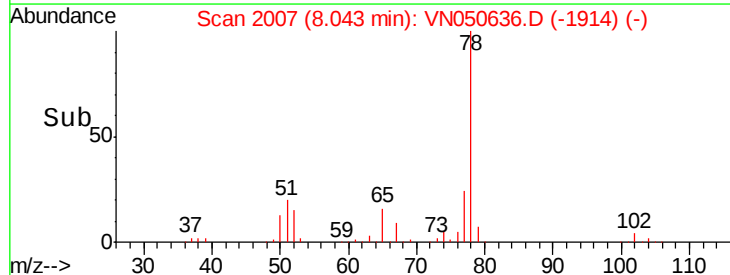
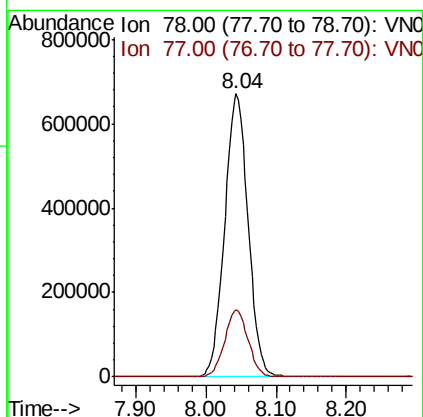
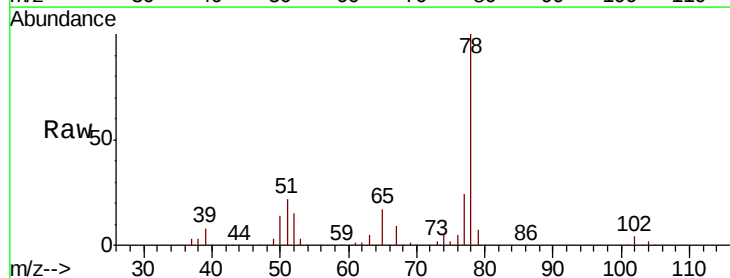
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

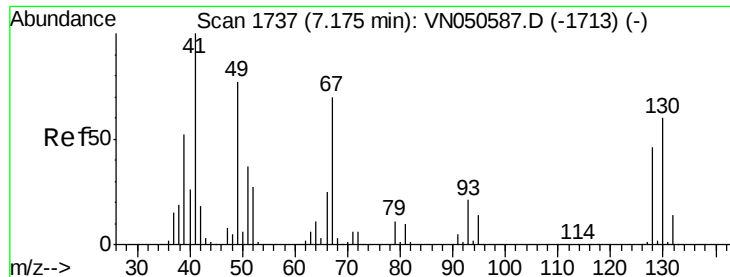
Tgt Ion: 83 Resp: 514519
Ion Ratio Lower Upper
83 100
55 75.6 60.6 91.0
98 45.1 37.0 55.4



#40
Benzene
Concen: 49.325 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion: 78 Resp: 1557337
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41

Methacrylonitrile

Concen: 51.795 ug/l

RT: 7.18 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

Tgt Ion: 41 Resp: 164274

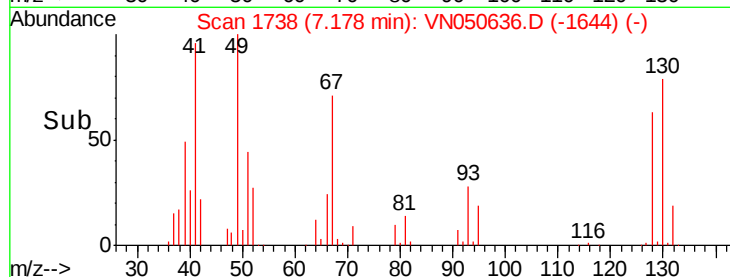
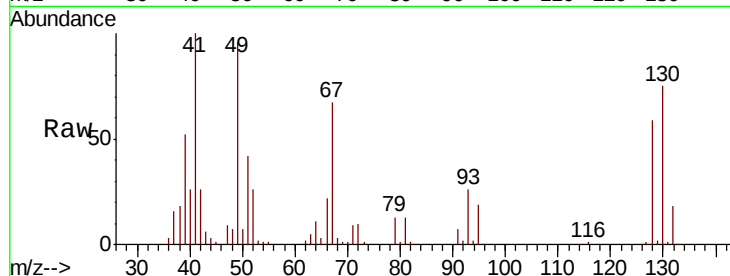
Ion Ratio Lower Upper

41 100

39 60.9 44.6 66.8

67 85.1 66.7 100.1

52 32.9 26.5 39.7

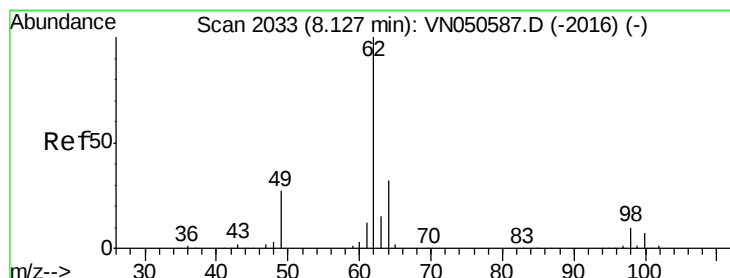
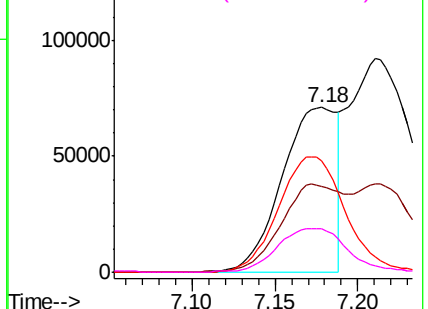


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 48.553 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN050636.D

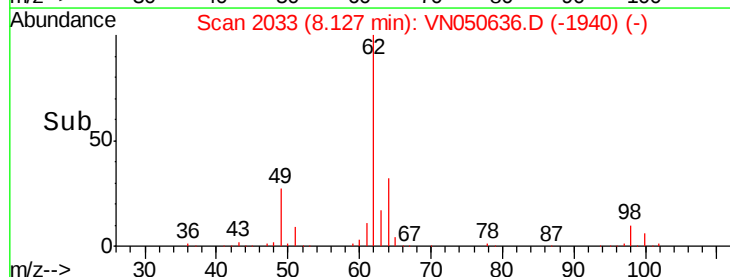
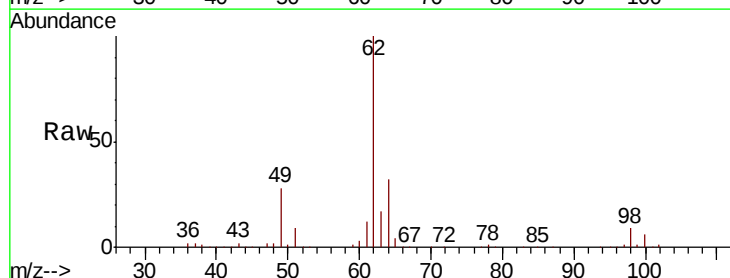
Acq: 15 Aug 2018 5:59

Tgt Ion: 62 Resp: 469843

Ion Ratio Lower Upper

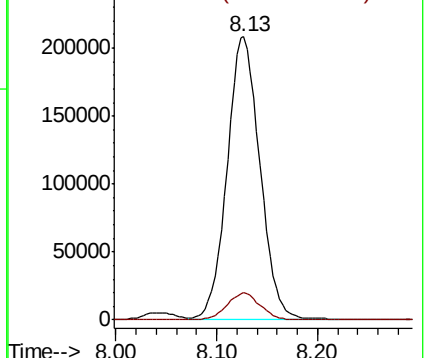
62 100

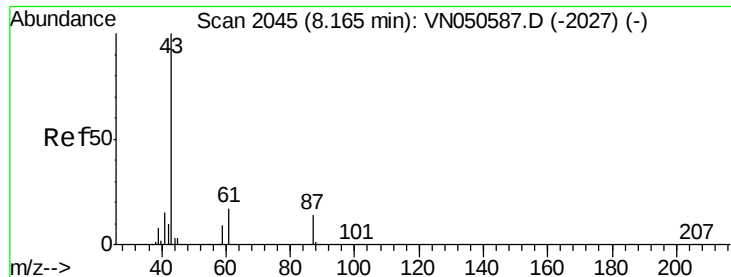
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 45.577 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

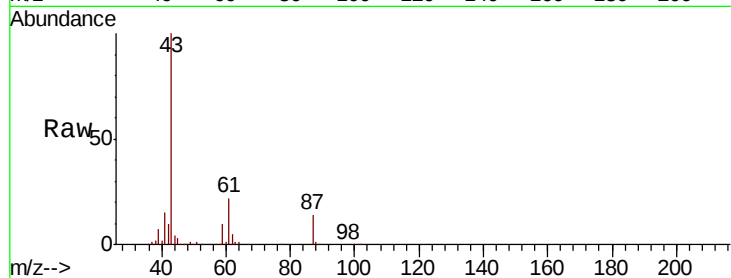
Tgt Ion: 43 Resp: 487275

Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.2

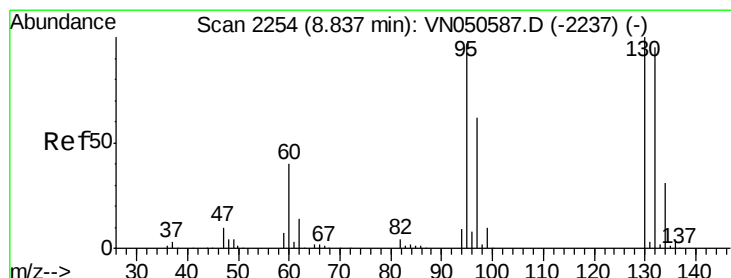
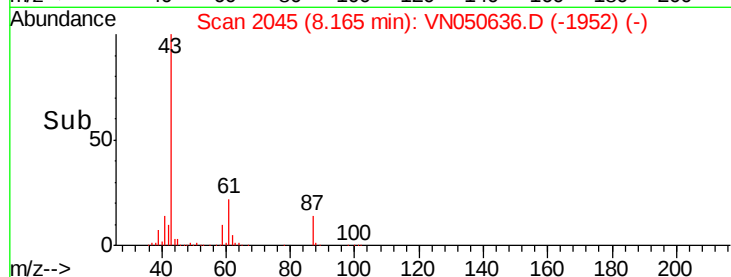
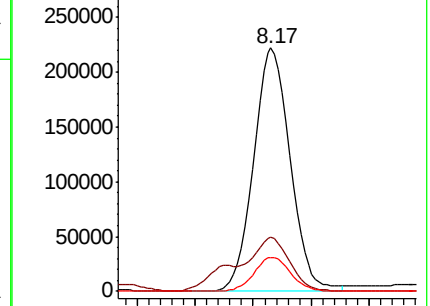
87 14.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 49.267 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050636.D

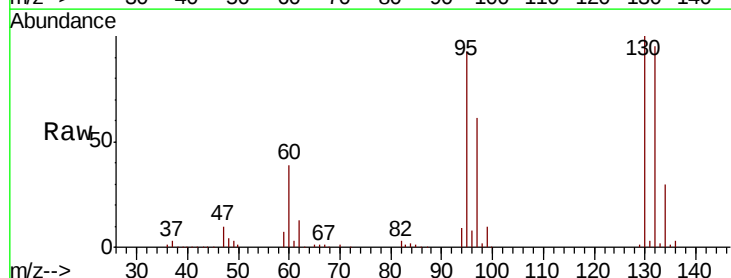
Acq: 15 Aug 2018 5:59

Tgt Ion: 130 Resp: 416676

Ion Ratio Lower Upper

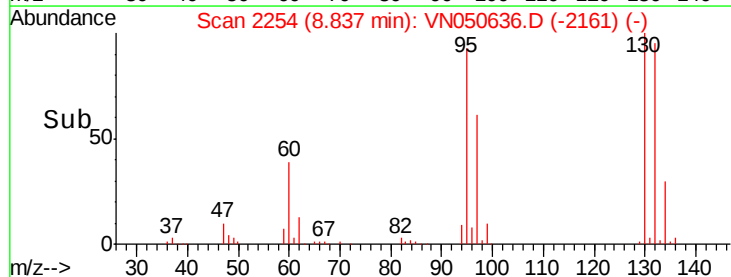
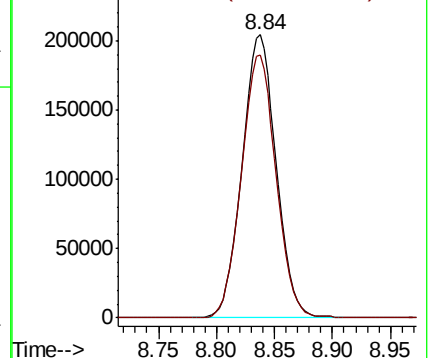
130 100

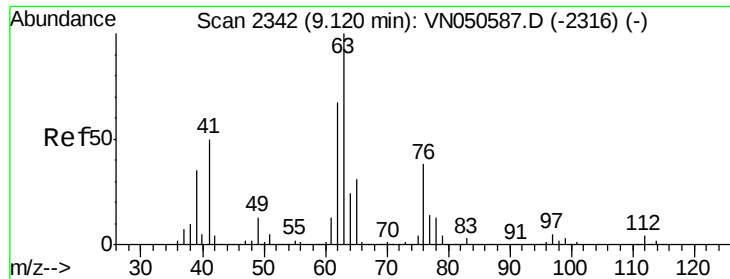
95 92.7 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

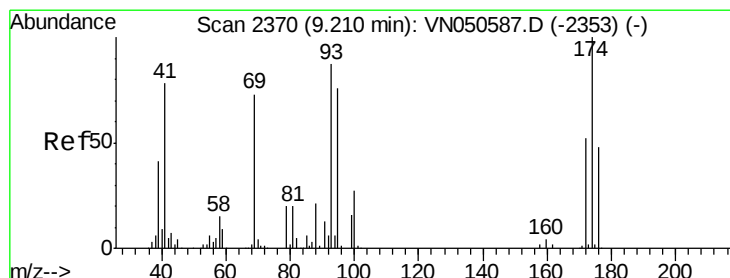
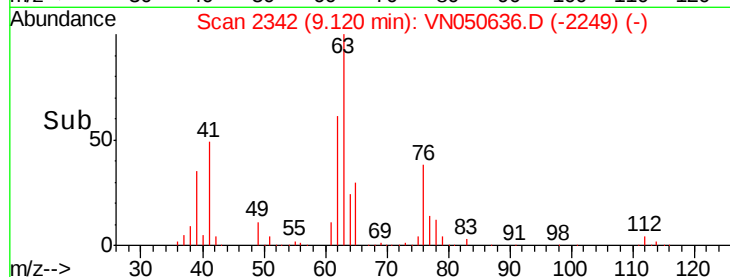
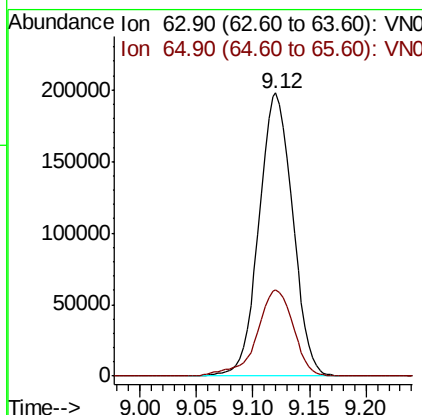
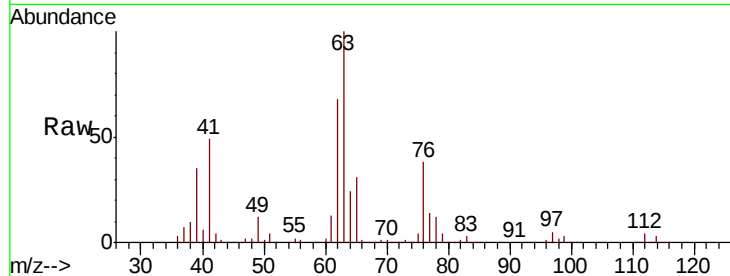




#45
 1,2-Dichloropropane
 Concen: 48.781 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

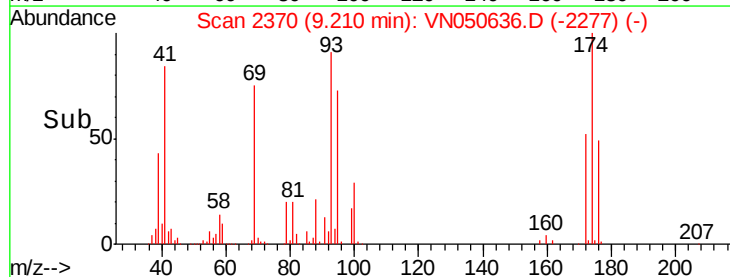
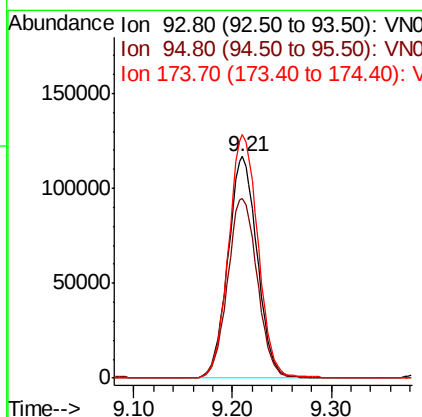
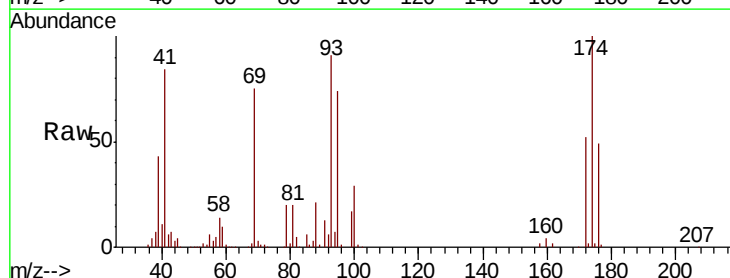
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

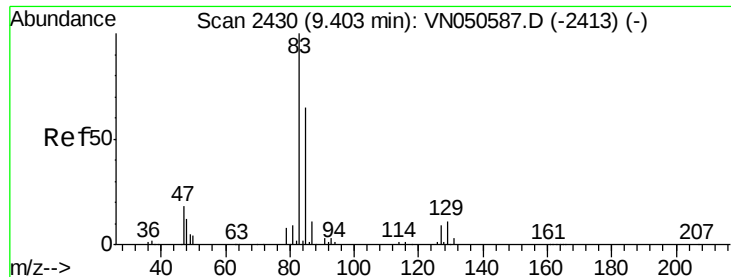
Tgt Ion: 63 Resp: 410037
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7



#46
 Dibromomethane
 Concen: 48.626 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 93 Resp: 241346
 Ion Ratio Lower Upper
 93 100
 95 82.3 69.1 103.7
 174 110.5 91.0 136.6

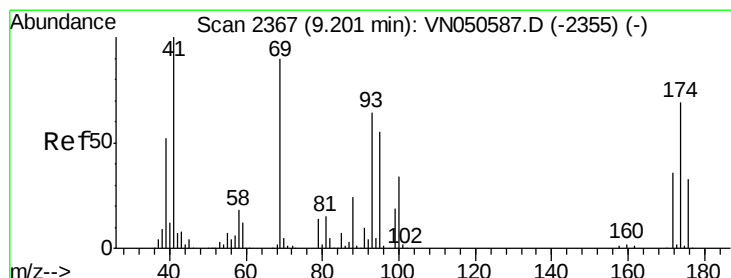
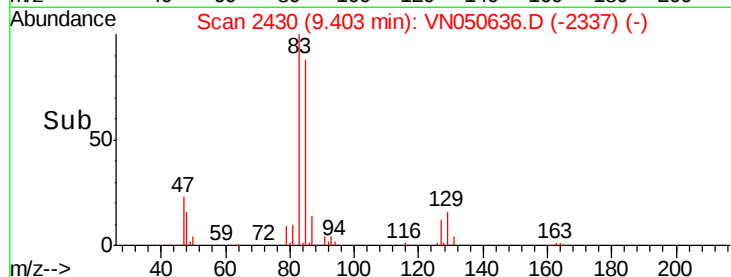
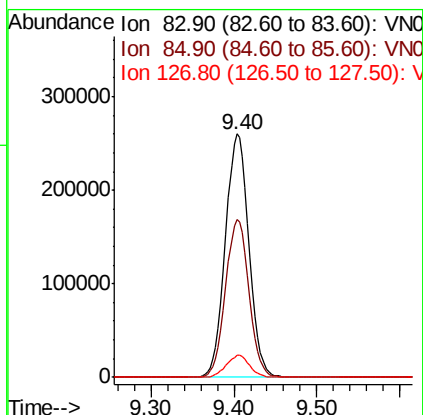
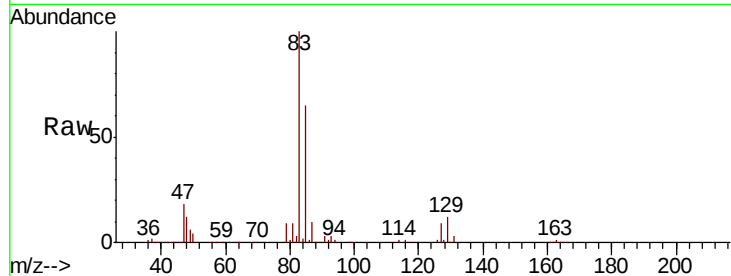




#47
Bromodichloromethane
Concen: 48.372 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

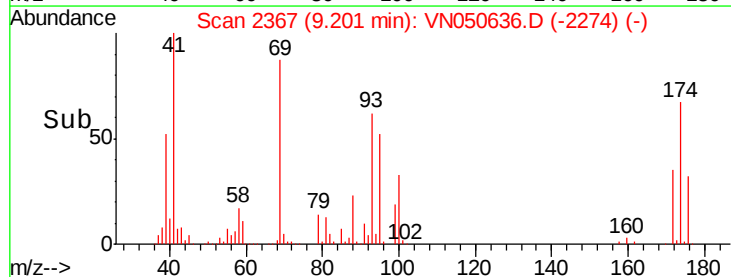
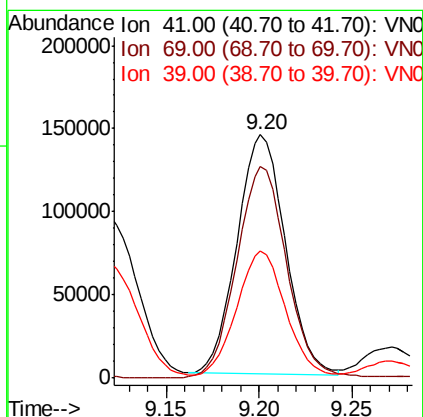
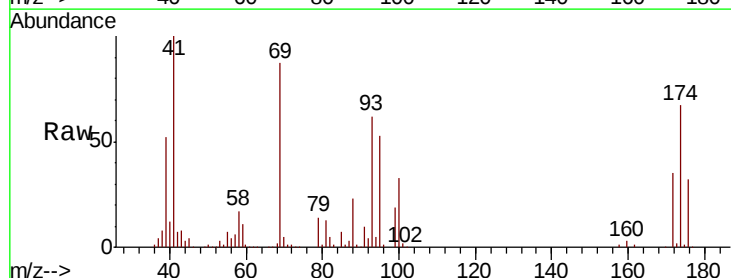
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

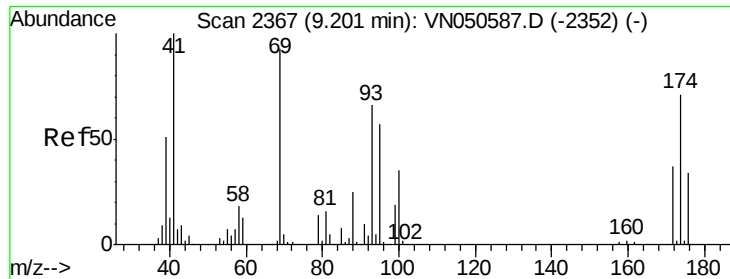
Tgt Ion: 83 Resp: 513158
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.6
127 8.9 7.2 10.8



#48
Methyl methacrylate
Concen: 48.650 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion: 41 Resp: 261722
Ion Ratio Lower Upper
41 100
69 92.7 73.4 110.0
39 54.4 43.0 64.6





#49

1,4-Dioxane

Concen: 977.053 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

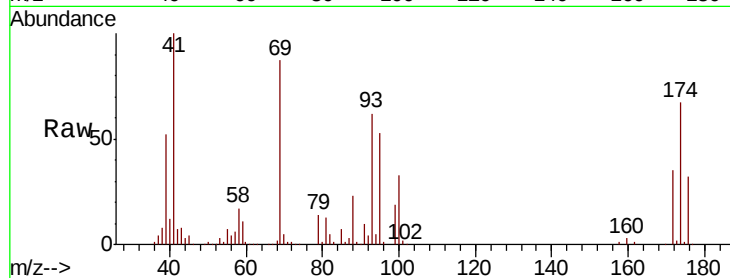
Tgt Ion: 88 Resp: 69244

Ion Ratio Lower Upper

88 100

43 33.2 25.9 38.9

58 69.5 56.5 84.7

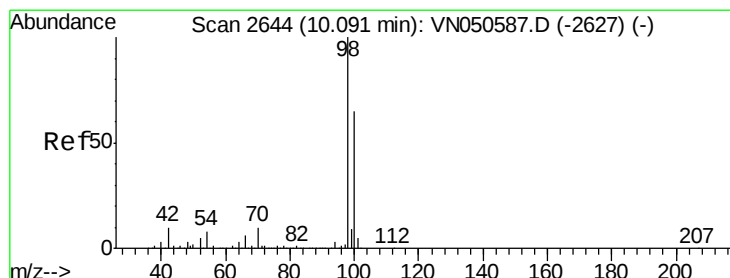
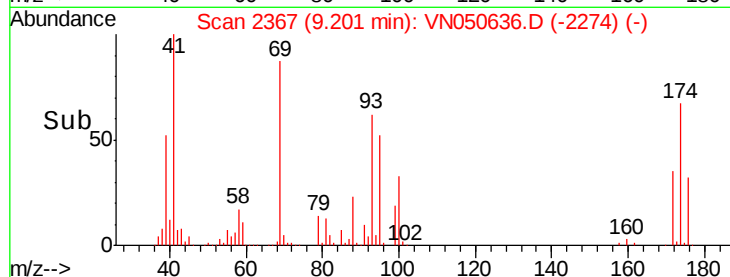
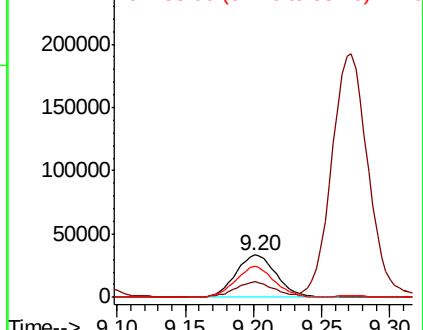


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.554 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050636.D

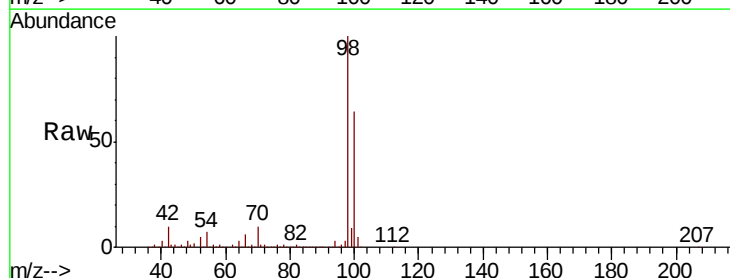
Acq: 15 Aug 2018 5:59

Tgt Ion: 98 Resp: 1416194

Ion Ratio Lower Upper

98 100

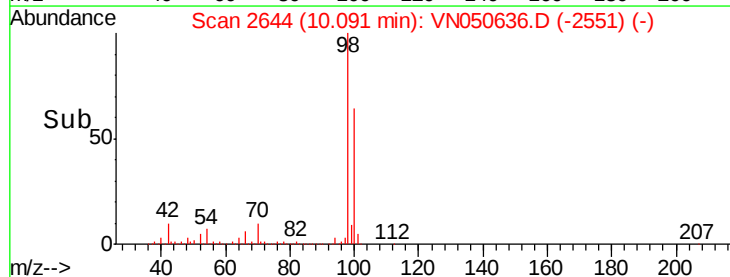
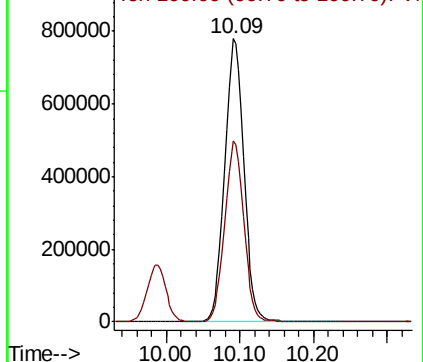
100 63.5 51.8 77.8

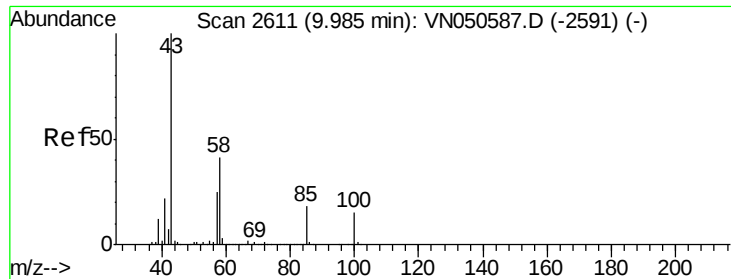


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

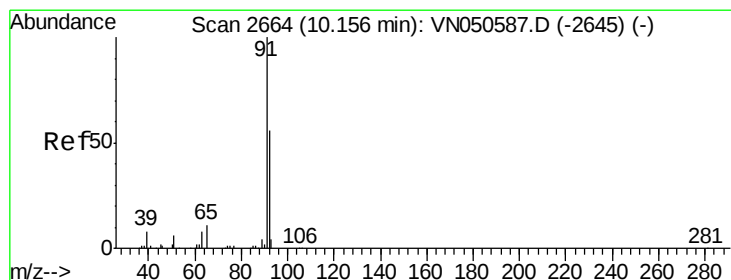
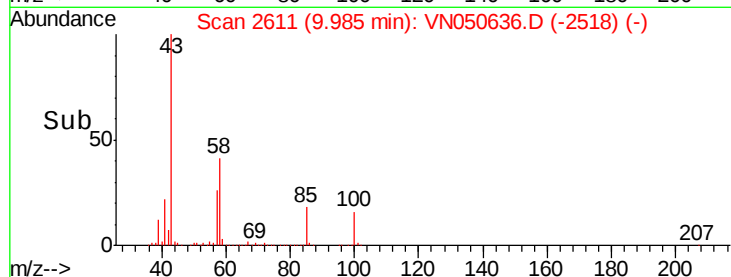
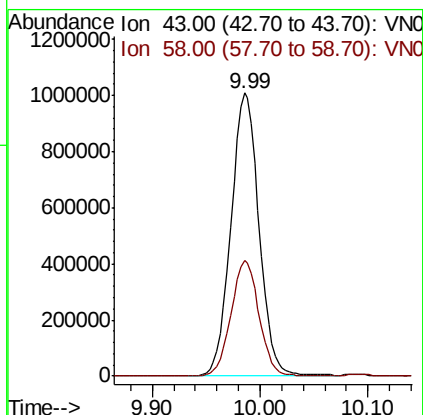
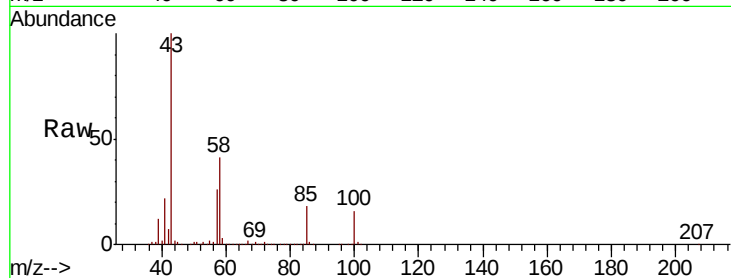




#51
 4-Methyl-2-Pentanone
 Concen: 252.018 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

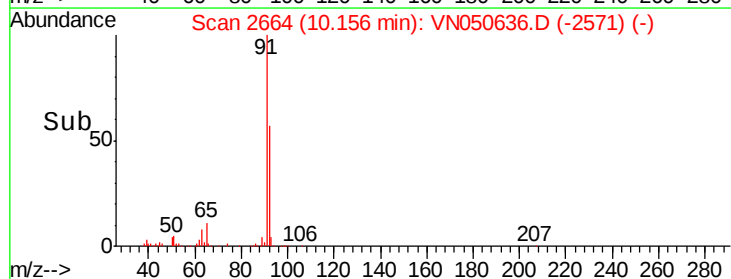
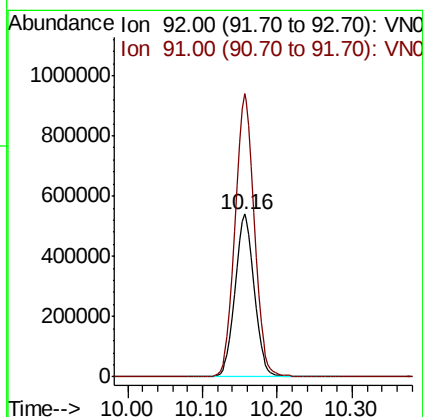
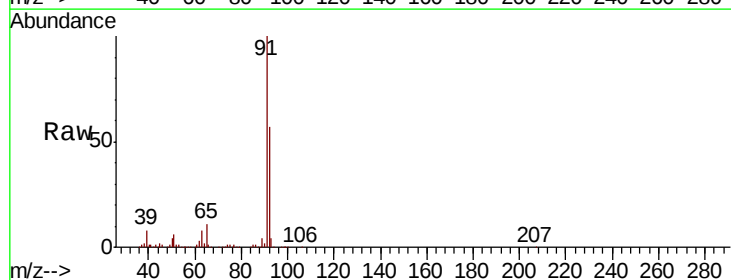
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

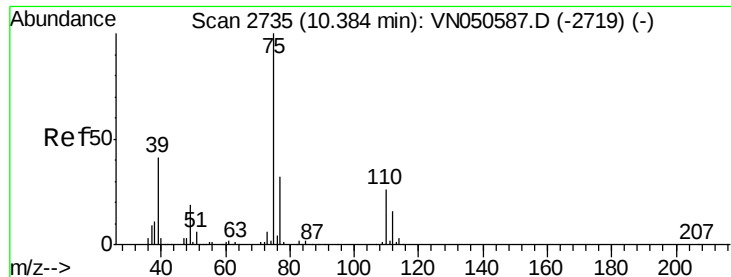
Tgt Ion: 43 Resp: 1822237
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.5 48.7



#52
 Toluene
 Concen: 51.246 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 92 Resp: 966065
 Ion Ratio Lower Upper
 92 100
 91 175.0 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 49.092 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

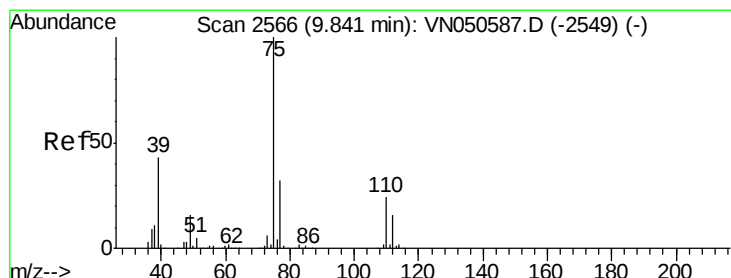
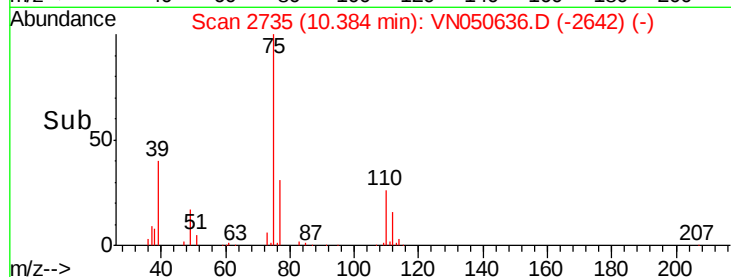
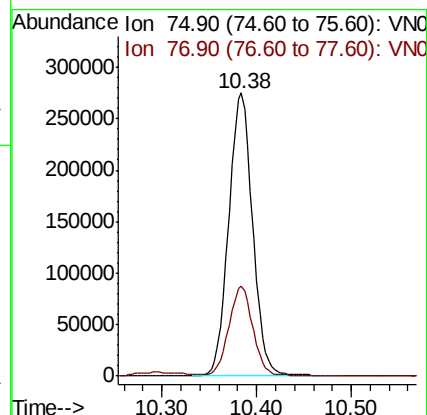
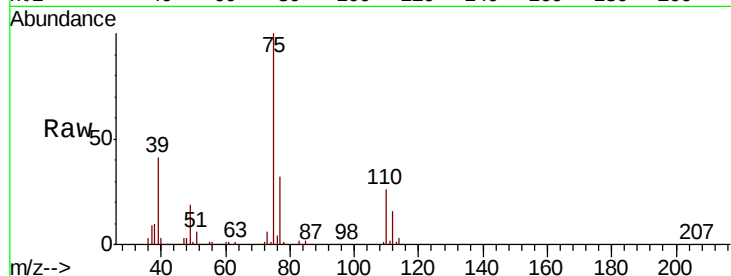
944-MW-05(17)MS

Tgt Ion: 75 Resp: 485081

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 47.976 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

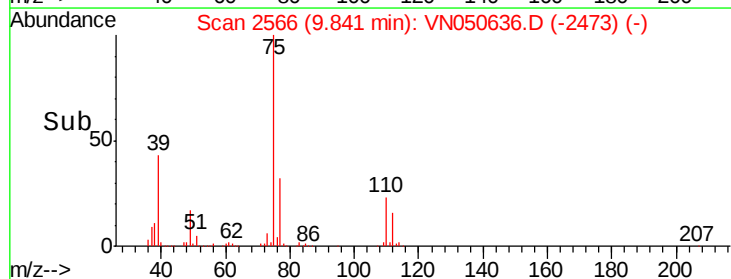
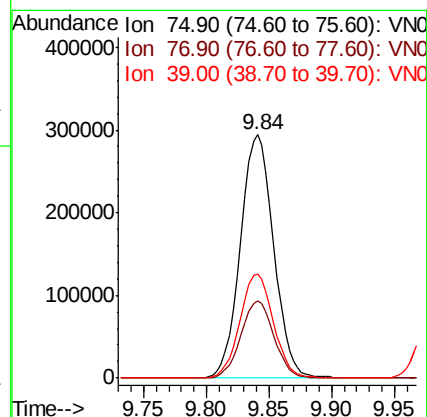
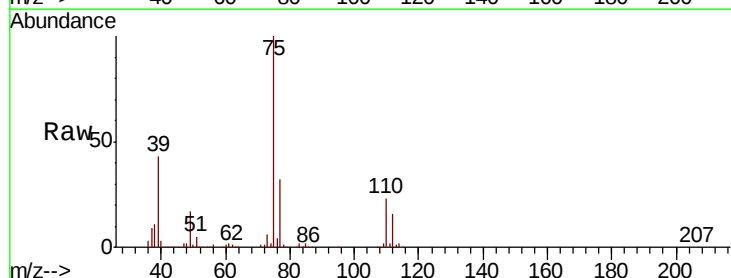
Tgt Ion: 75 Resp: 543845

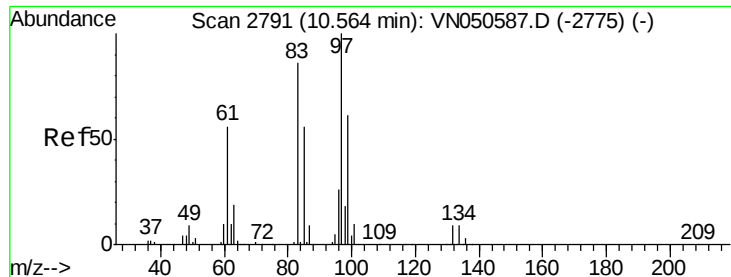
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 42.8 34.4 51.6

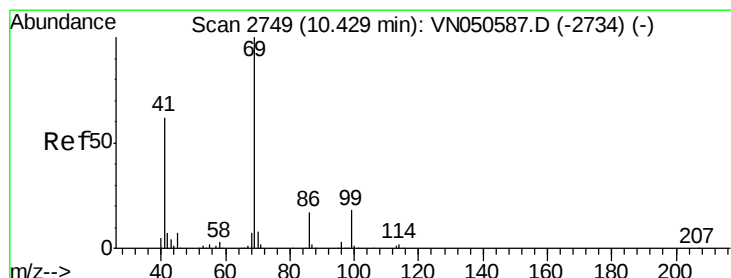
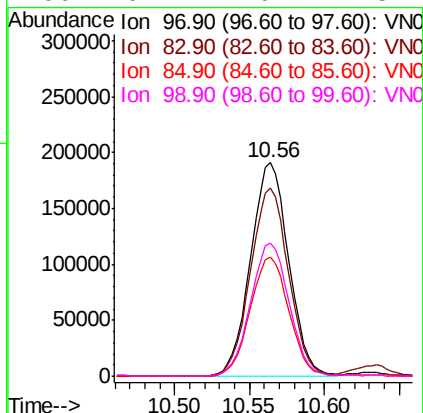
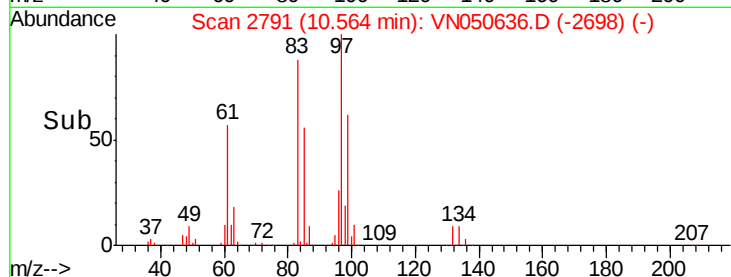
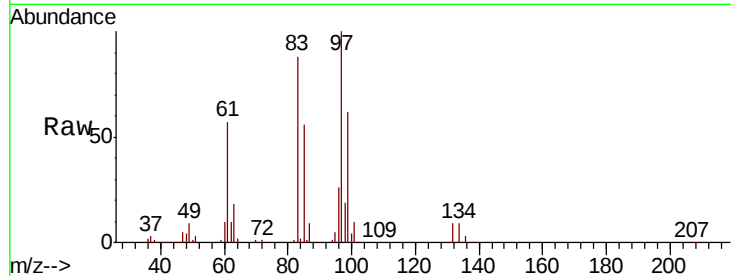




#55
 1,1,2-Trichloroethane
 Concen: 48.136 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

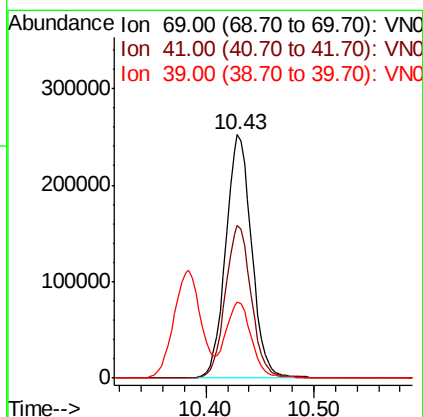
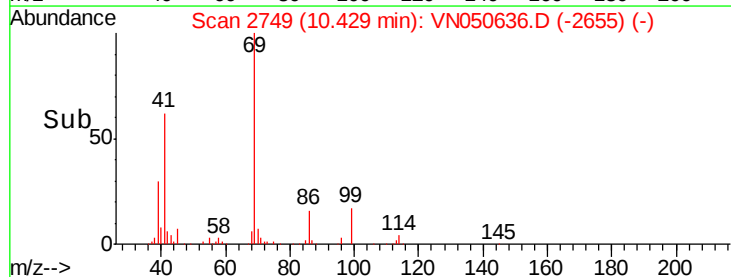
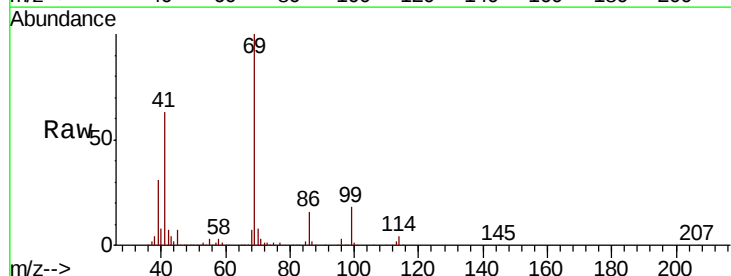
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

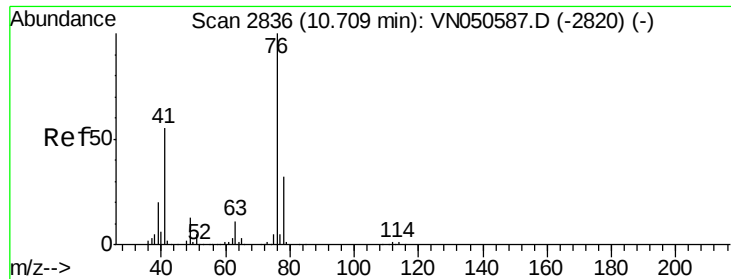
Tgt Ion	Resp	Lower	Upper
97	339006		
Ion Ratio			
97	100		
83	88.2	68.5	102.7
85	55.6	44.6	66.8
99	62.1	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 47.101 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion	Resp	Lower	Upper
69	422126		
Ion Ratio			
69	100		
41	61.9	49.7	74.5
39	30.4	24.2	36.2

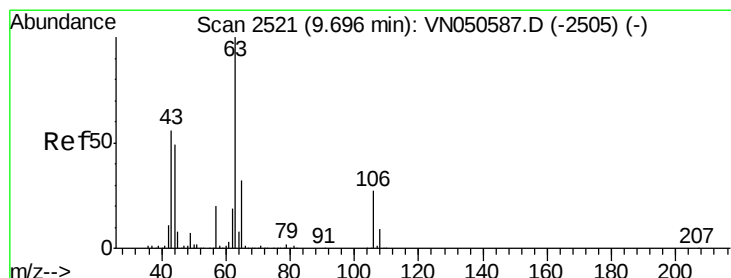
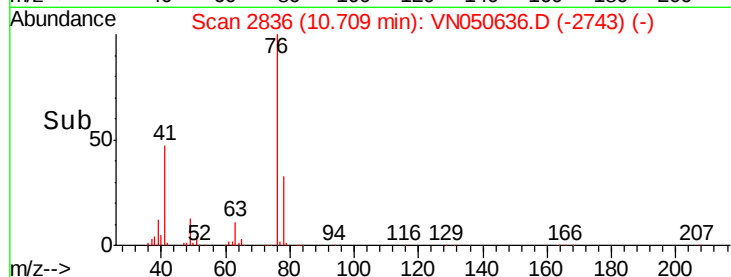
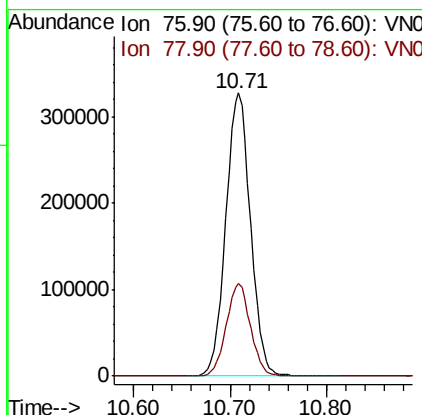
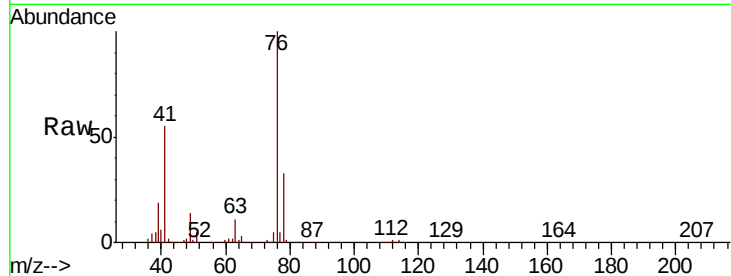




#57
 1,3-Dichloropropane
 Concen: 50.185 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

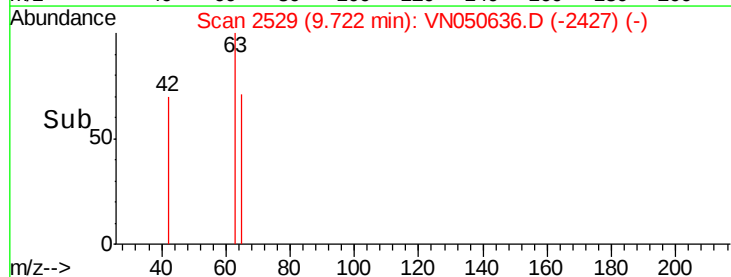
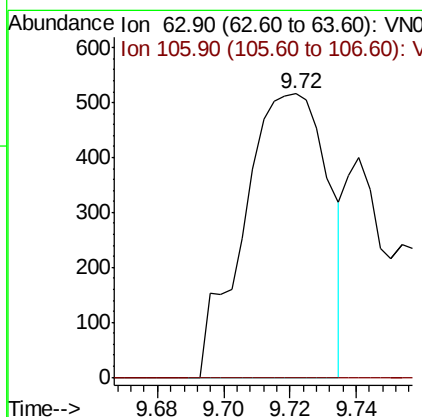
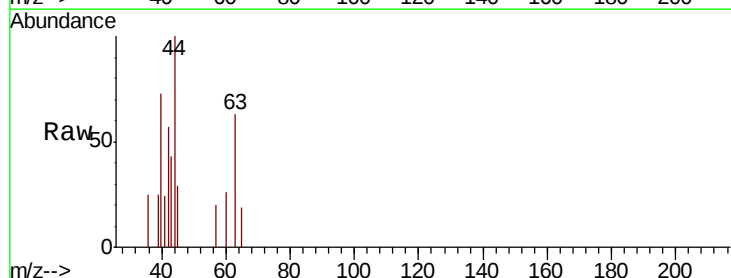
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

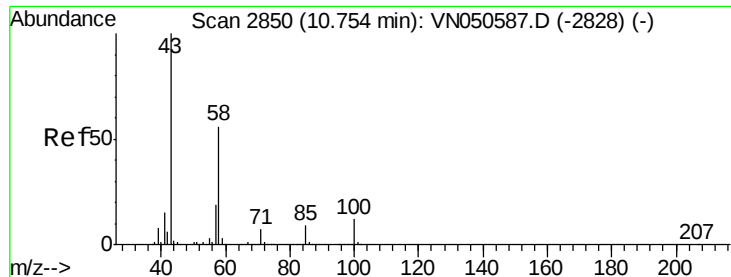
Tgt Ion: 76 Resp: 579422
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.620 ug/l
 RT: 9.72 min Scan# 2529
 Delta R.T. 0.03 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 63 Resp: 914
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.7 32.5#

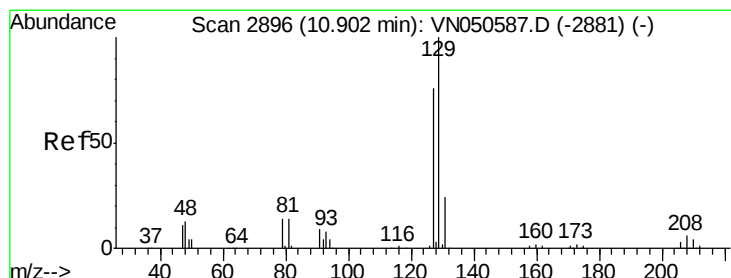
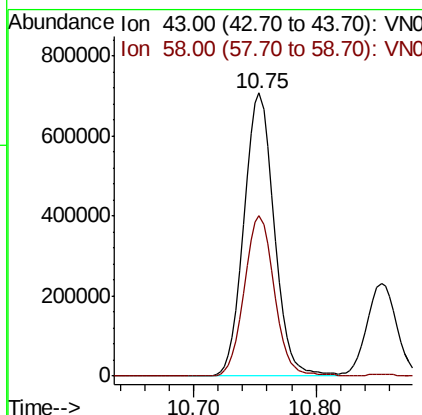
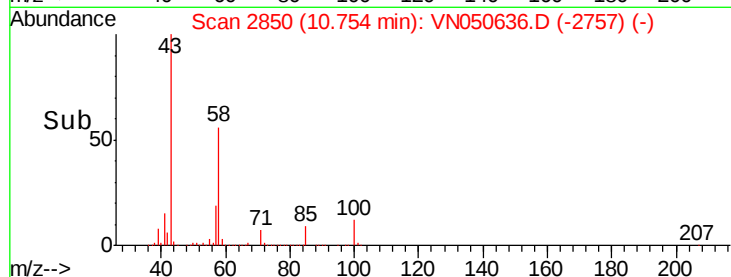
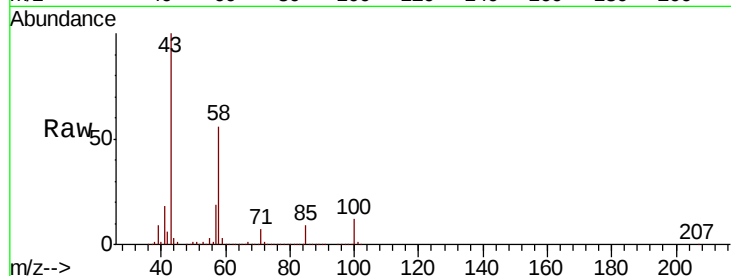




#59
2-Hexanone
Concen: 257.512 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

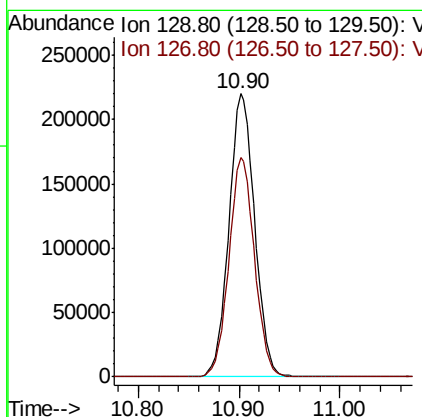
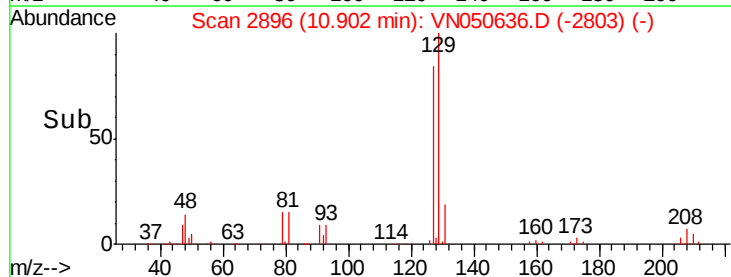
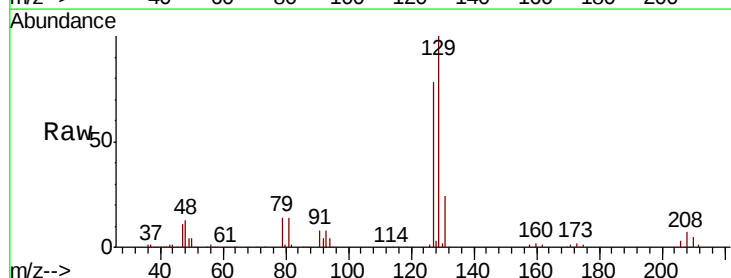
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

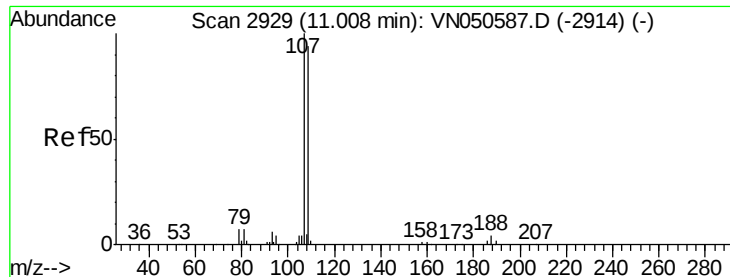
Tgt Ion: 43 Resp: 1201751
Ion Ratio Lower Upper
43 100
58 56.3 28.0 84.0



#60
Dibromochloromethane
Concen: 50.294 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion: 129 Resp: 390912
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

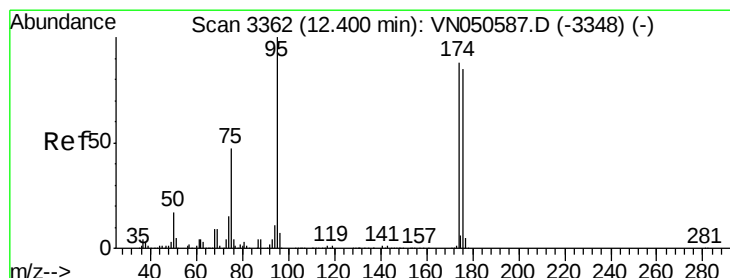
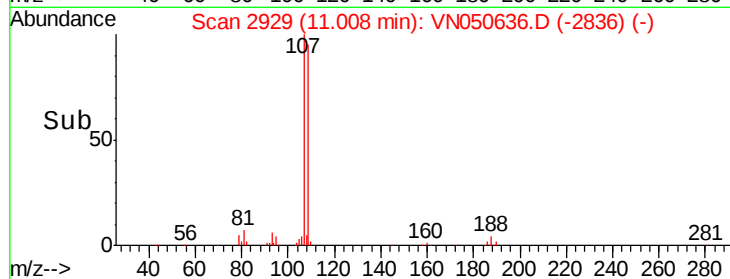
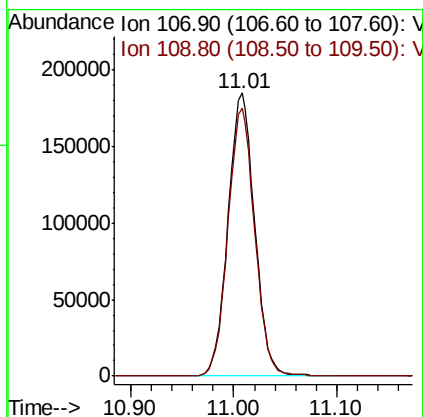
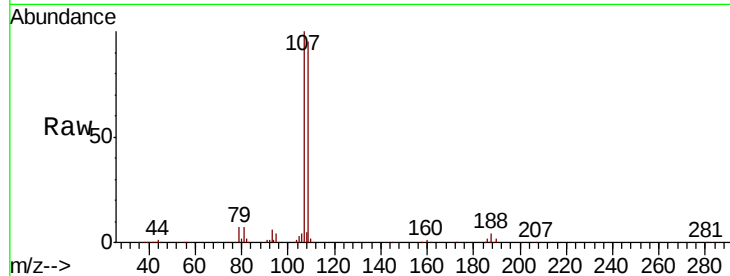




#61
 1,2-Dibromoethane
 Concen: 49.674 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

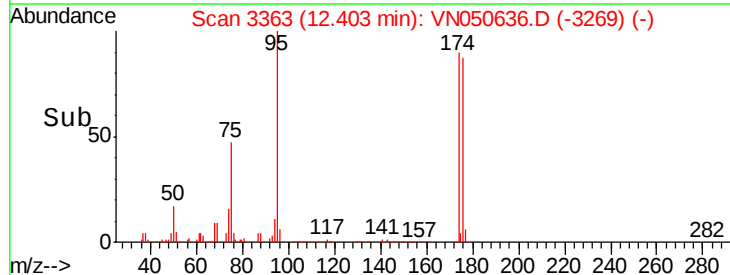
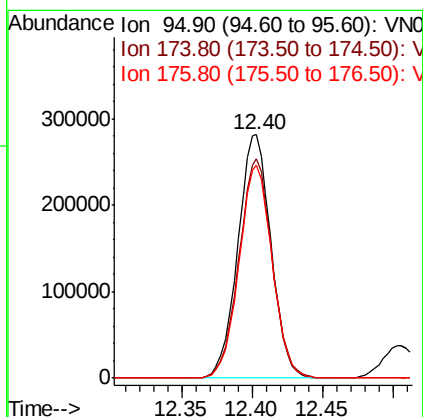
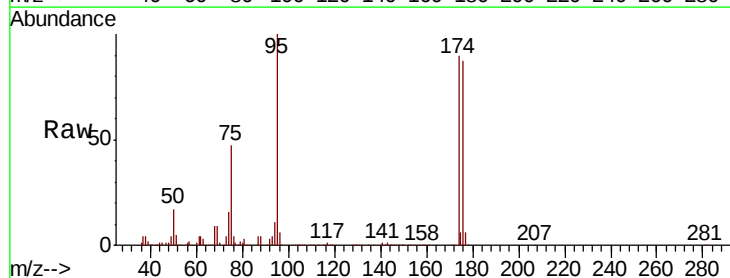
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

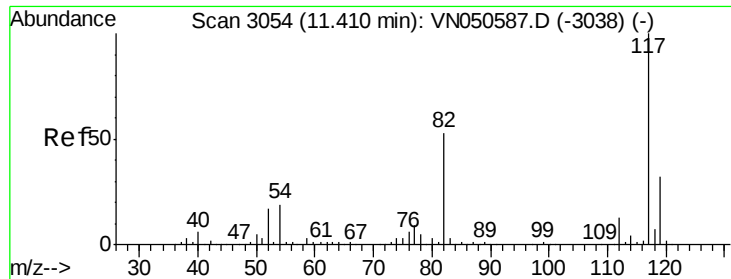
Tgt Ion: 107 Resp: 333156
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.067 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion: 95 Resp: 463354
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 177.8
 176 87.3 0.0 175.0

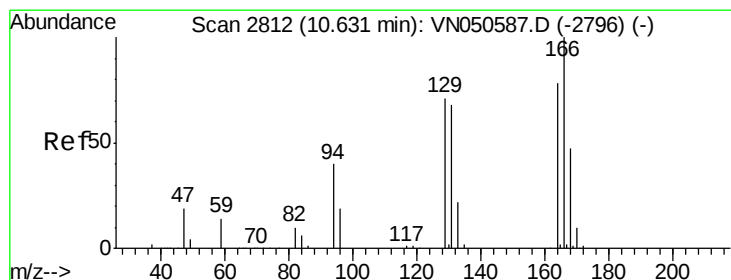
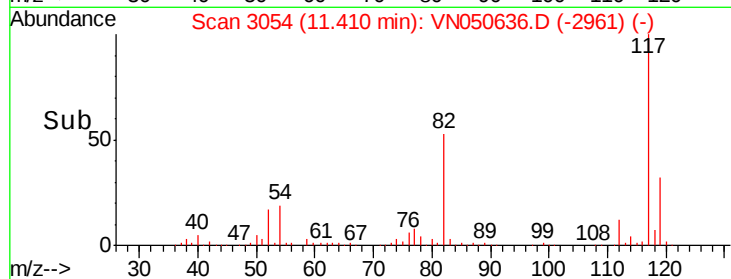
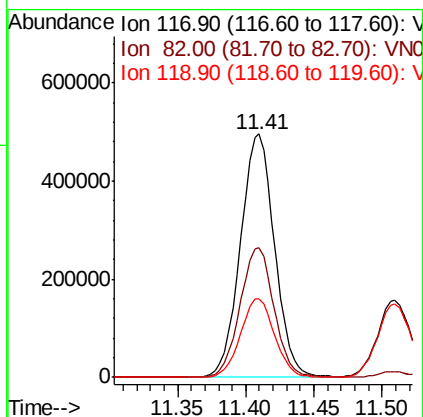
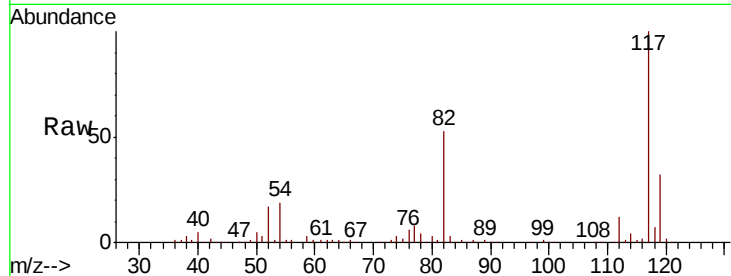




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

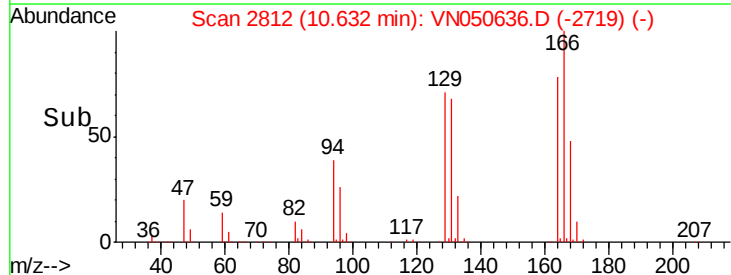
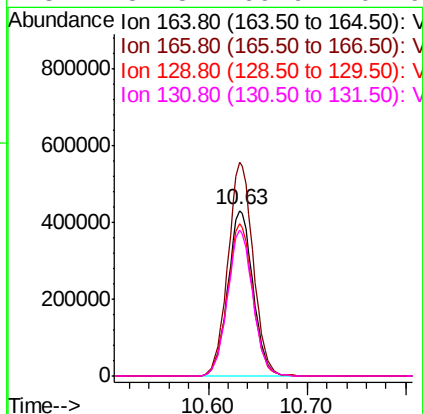
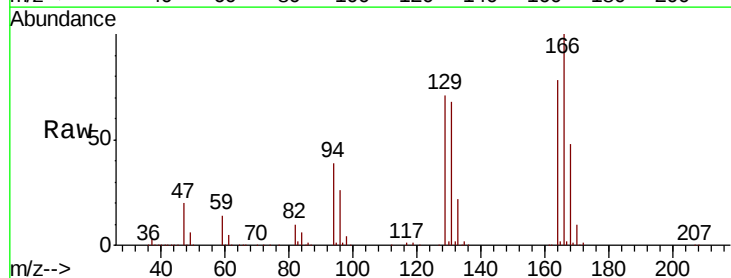
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

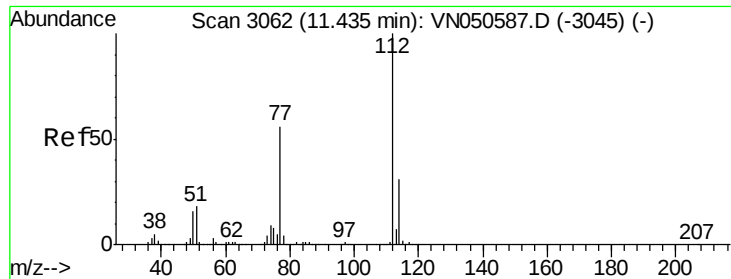
Tgt Ion:117 Resp: 861443
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 95.757 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion:164 Resp: 766062
Ion Ratio Lower Upper
164 100
166 128.9 102.1 153.1
129 91.9 72.7 109.1
131 87.8 69.9 104.9

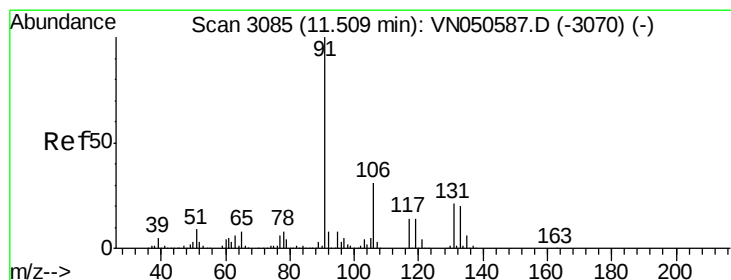
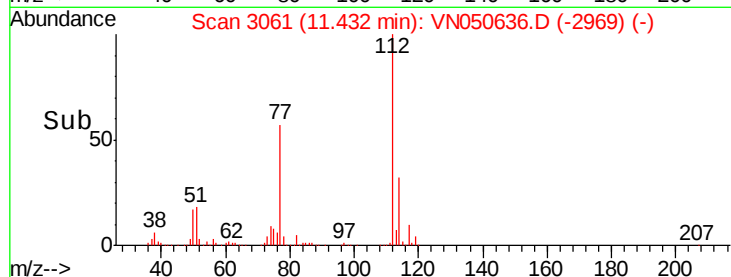
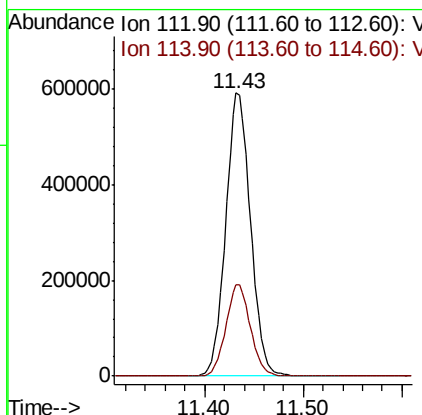
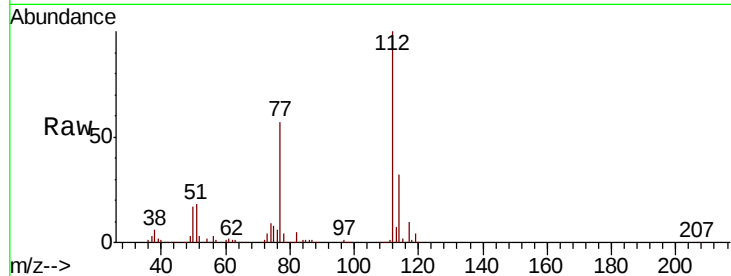




#65
Chlorobenzene
Concen: 48.521 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

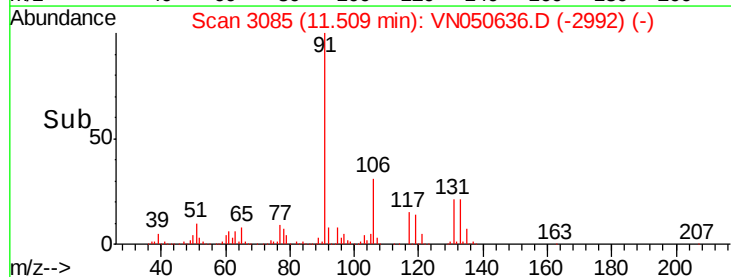
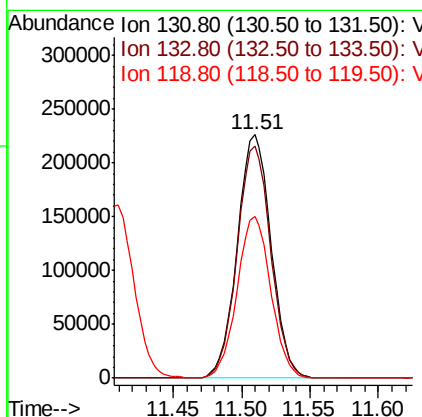
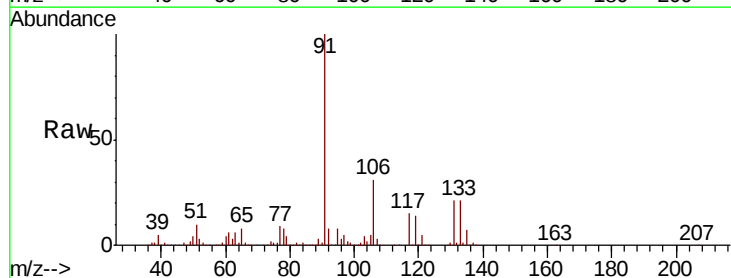
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

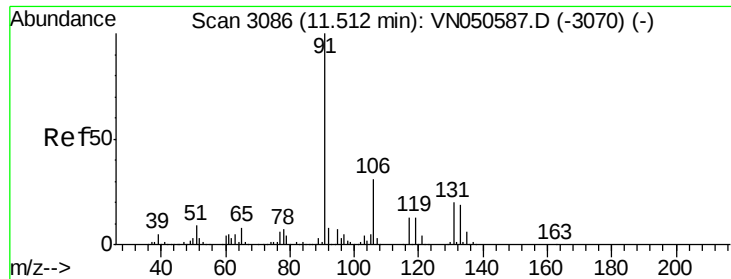
Tgt Ion:112 Resp: 1040237
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.480 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion:131 Resp: 389615
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 51.417 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

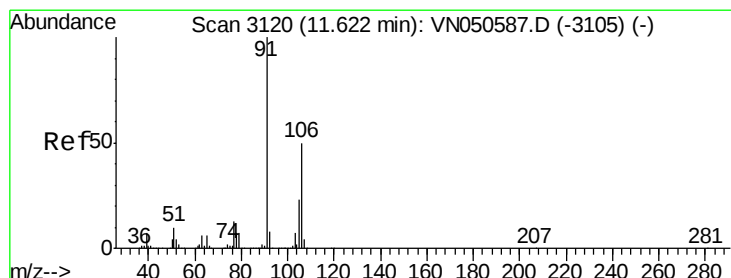
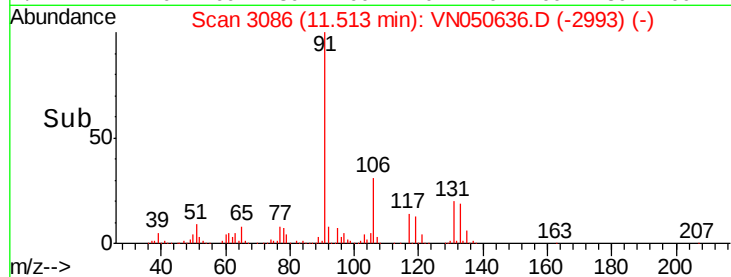
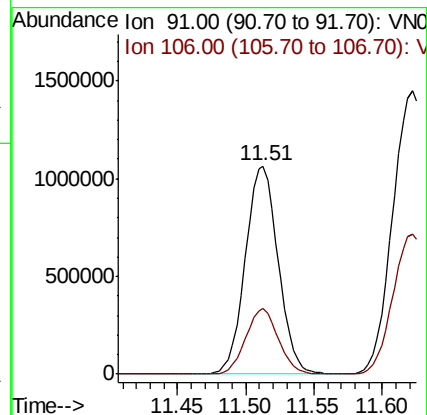
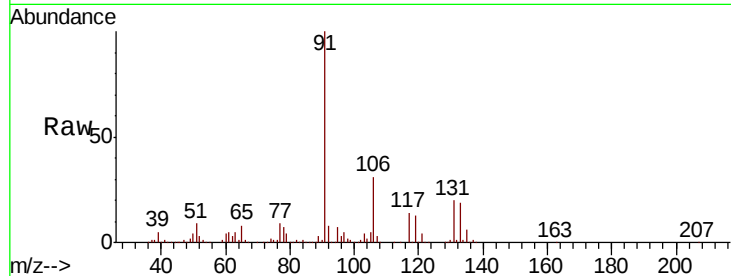
944-MW-05(17)MS

Tgt Ion: 91 Resp: 1779937

Ion Ratio Lower Upper

91 100

106 31.3 24.8 37.2



#68

m/p-Xylenes

Concen: 103.288 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050636.D

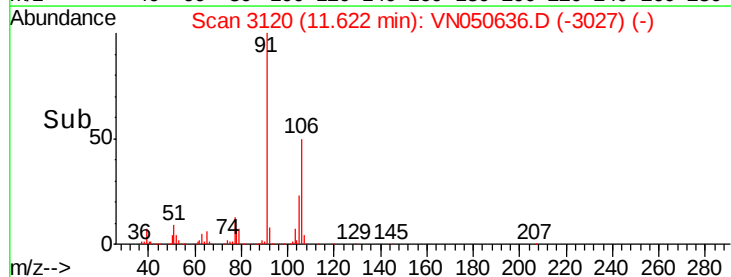
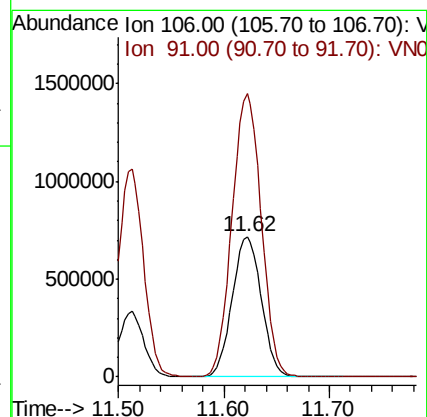
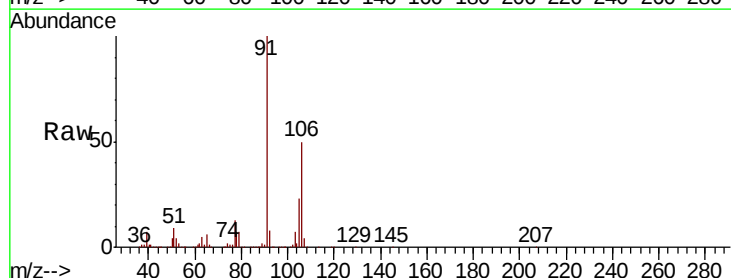
Acq: 15 Aug 2018 5:59

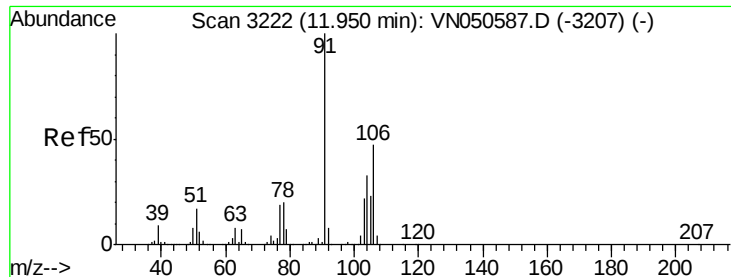
Tgt Ion:106 Resp: 1367535

Ion Ratio Lower Upper

106 100

91 203.3 161.5 242.3

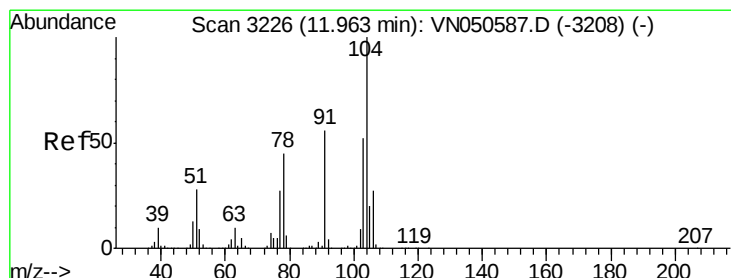
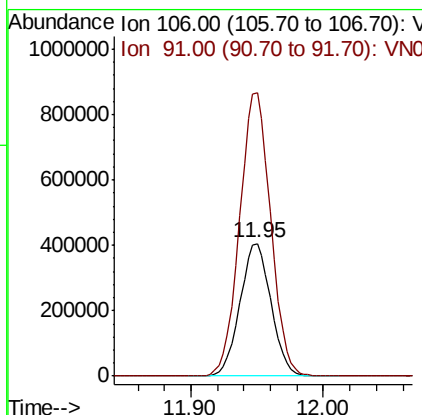
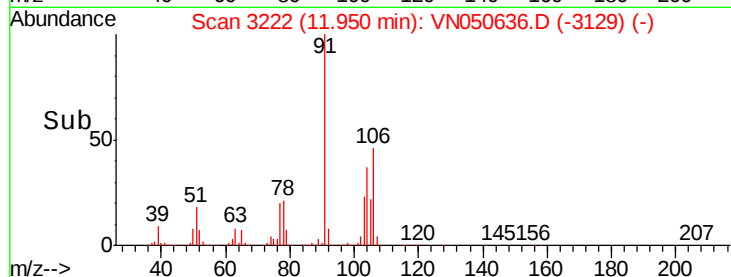
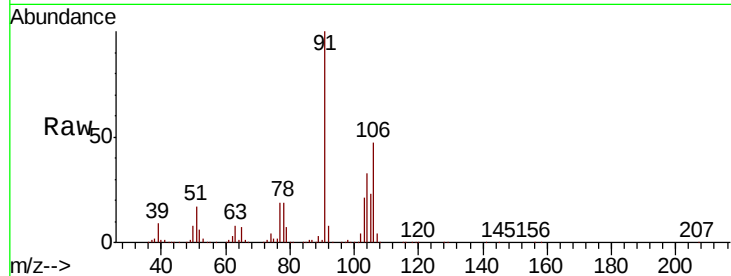




#69
o-Xylene
Concen: 52.143 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

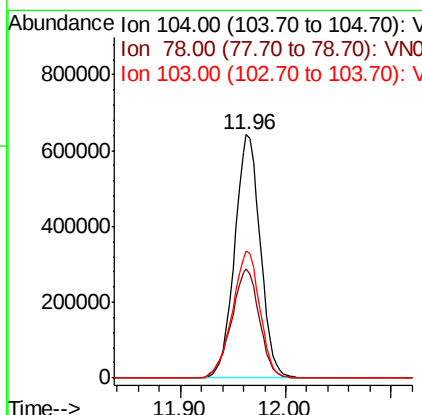
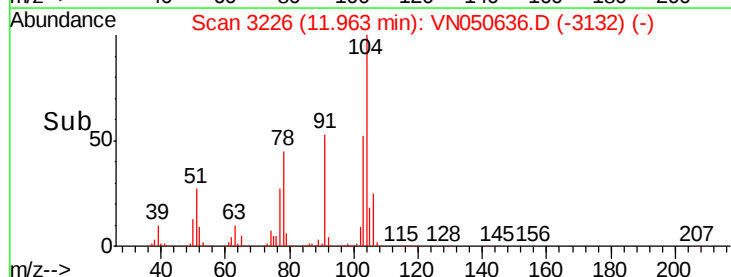
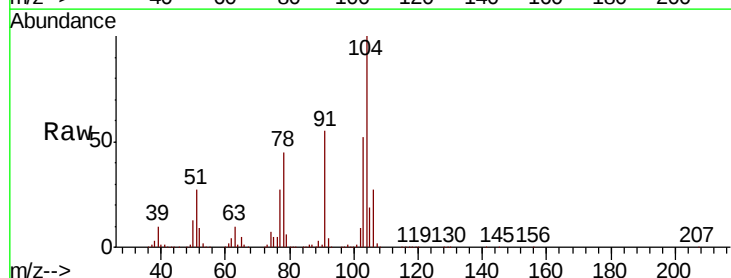
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

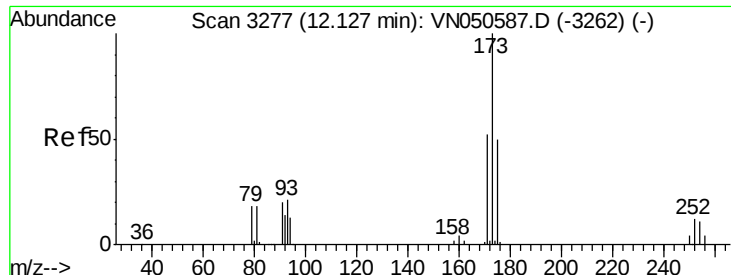
Tgt Ion:106 Resp: 658280
Ion Ratio Lower Upper
106 100
91 214.3 106.8 320.4



#70
Styrene
Concen: 48.061 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion:104 Resp: 1078236
Ion Ratio Lower Upper
104 100
78 48.7 39.1 58.7
103 55.8 44.9 67.3

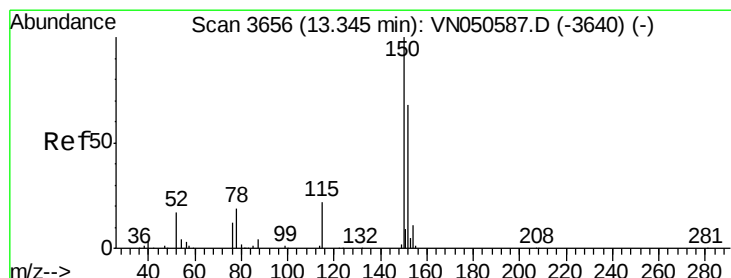
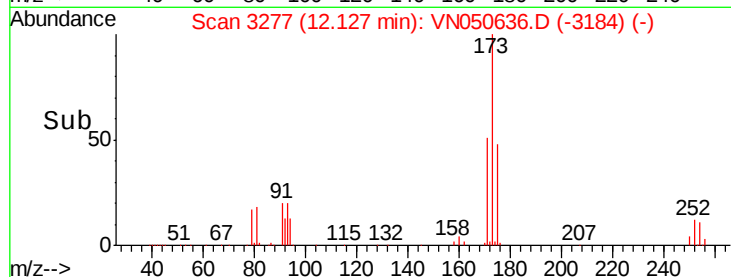
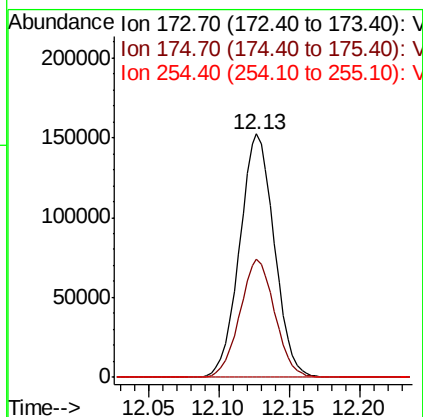
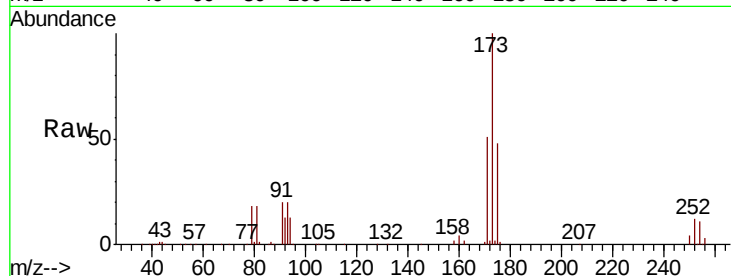




#71
Bromoform
Concen: 49.143 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

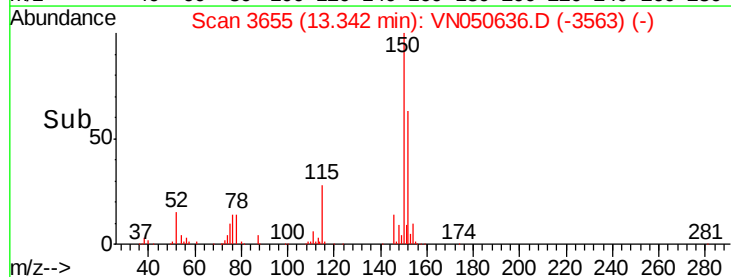
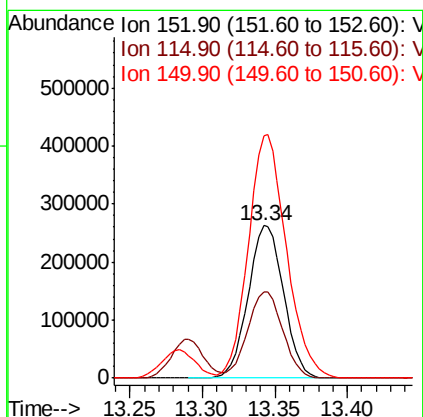
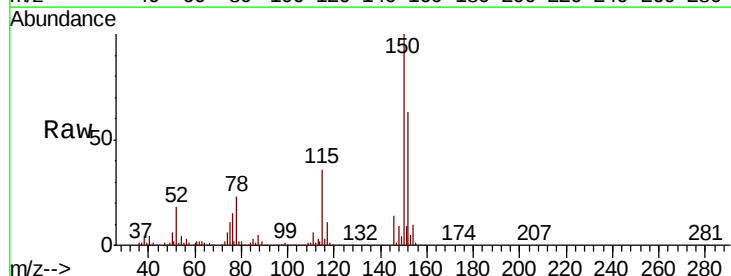
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

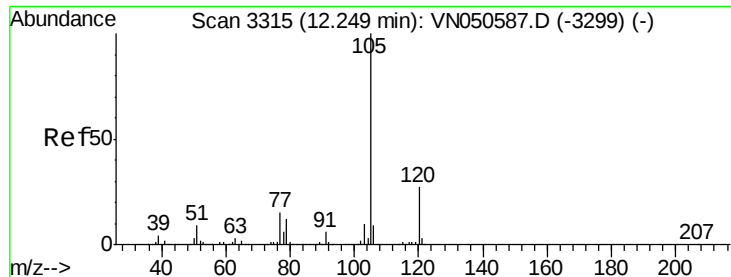
Tgt Ion:173 Resp: 261888
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.2
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. -0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion:152 Resp: 445835
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 171.7 0.0 347.8





#73

Isopropylbenzene

Concen: 49.637 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

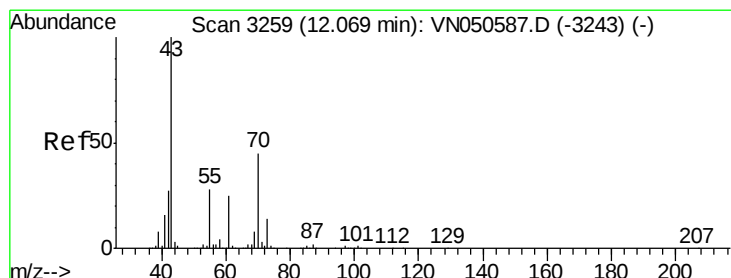
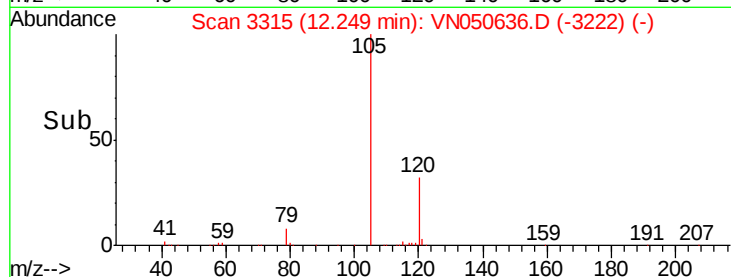
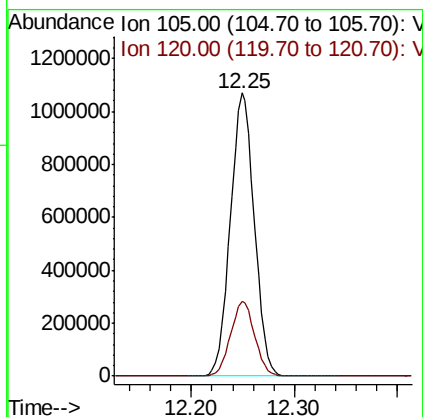
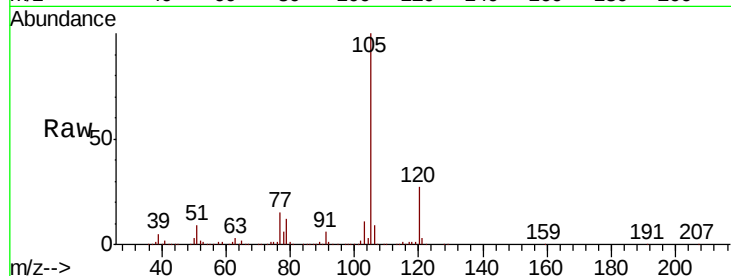
944-MW-05(17)MS

Tgt Ion:105 Resp: 1729011

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 43.544 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Tgt Ion: 43 Resp: 394620

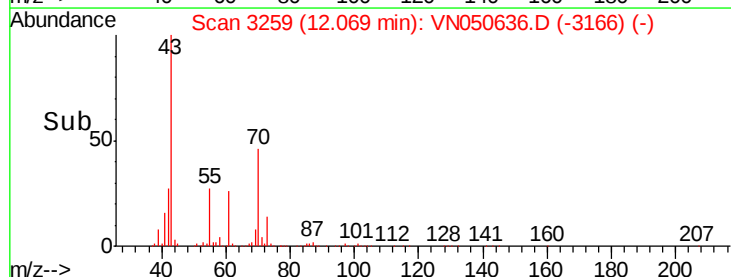
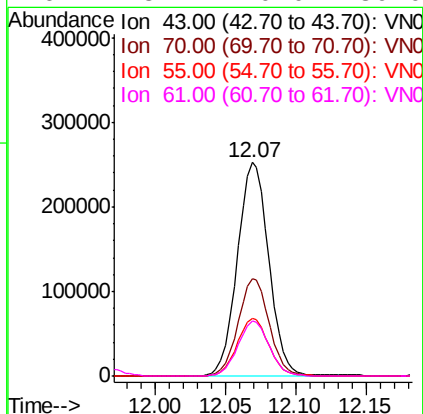
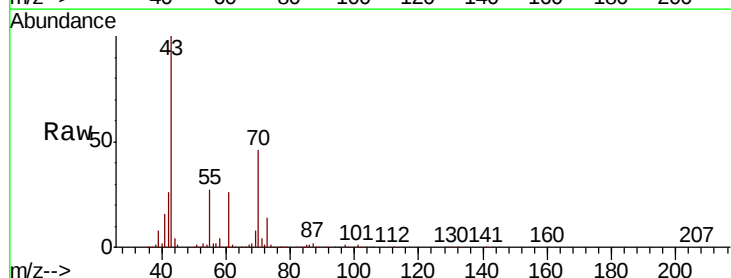
Ion Ratio Lower Upper

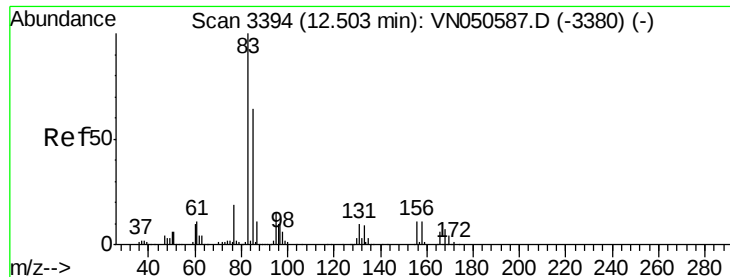
43 100

70 45.0 35.9 53.9

55 27.2 22.2 33.4

61 25.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.556 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

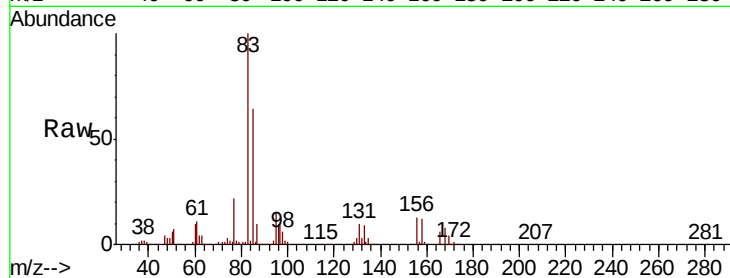
Tgt Ion: 83 Resp: 416360

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

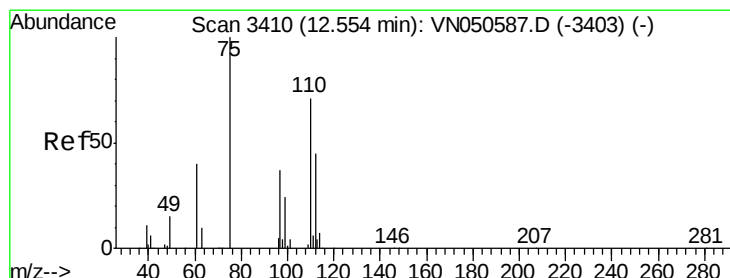
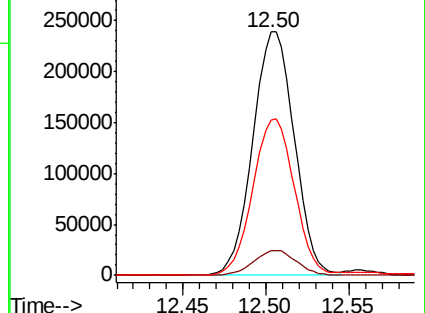
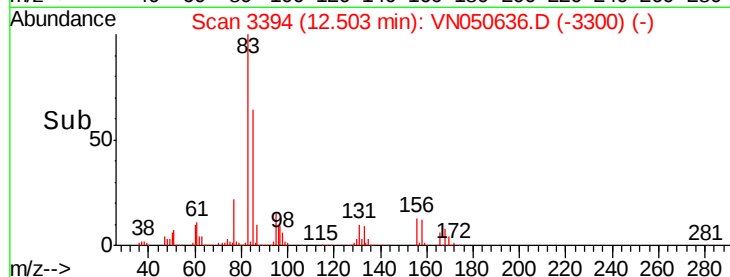
85 64.1 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN050636.D (-3317) (-)

Ion 130.80 (130.50 to 131.50): VN050636.D (-3317) (-)

Ion 84.90 (84.60 to 85.60): VN050636.D (-3317) (-)



#76

1,2,3-Trichloropropane

Concen: 67.079 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050636.D

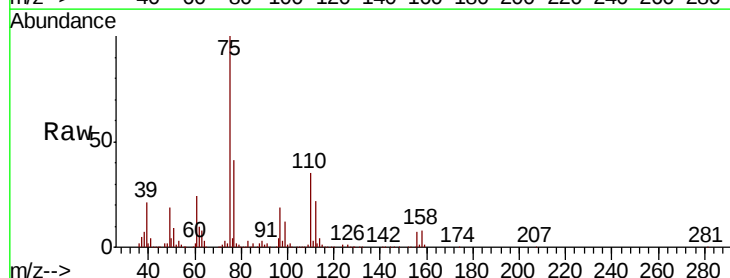
Acq: 15 Aug 2018 5:59

Tgt Ion: 75 Resp: 480662

Ion Ratio Lower Upper

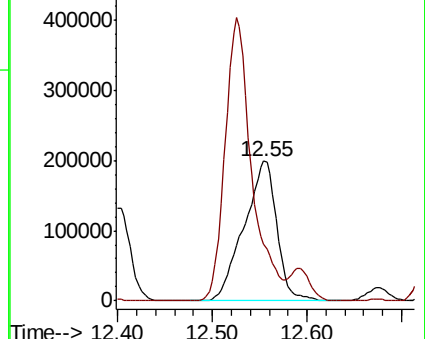
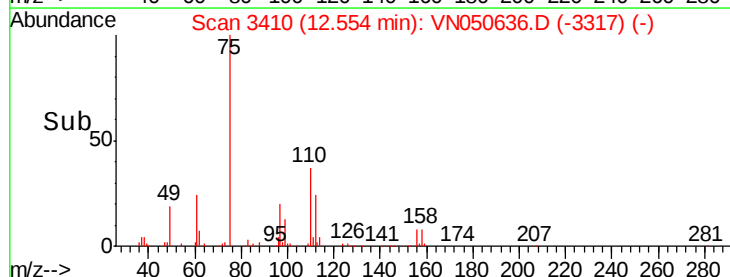
75 100

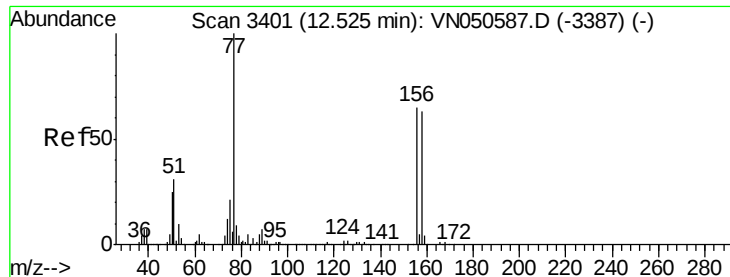
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050636.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN050636.D (-3317) (-)





#77

Bromobenzene

Concen: 46.903 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

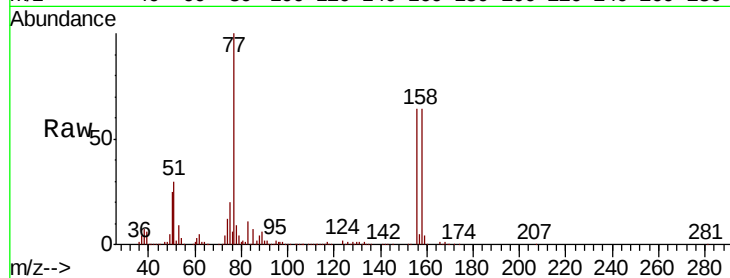
Tgt Ion:156 Resp: 443571

Ion Ratio Lower Upper

156 100

77 179.0 89.0 267.1

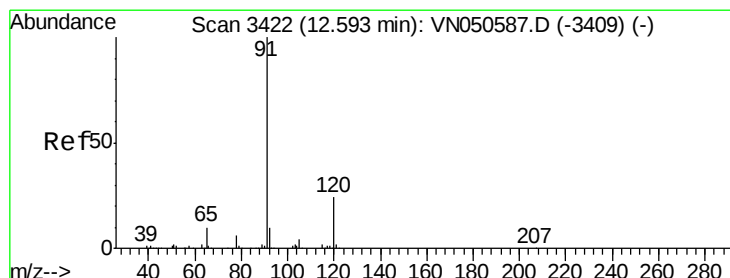
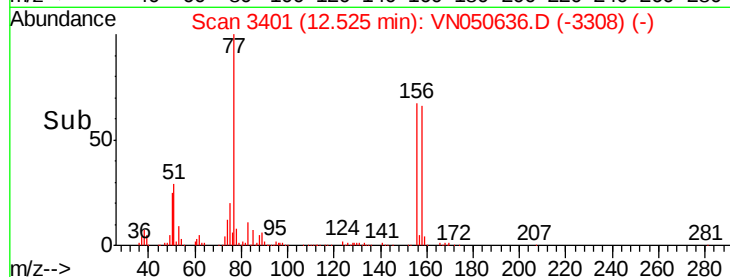
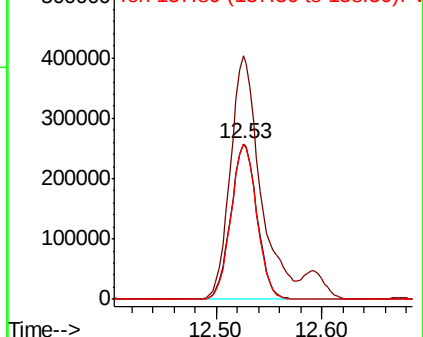
158 97.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.123 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050636.D

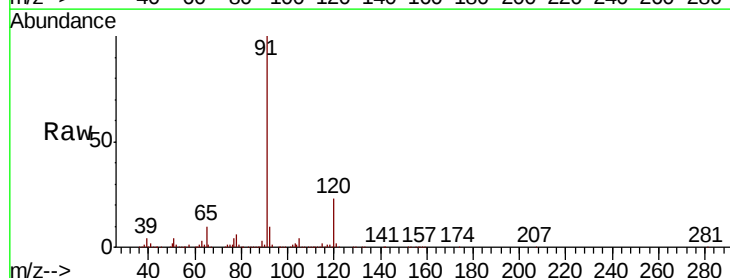
Acq: 15 Aug 2018 5:59

Tgt Ion: 91 Resp: 1946902

Ion Ratio Lower Upper

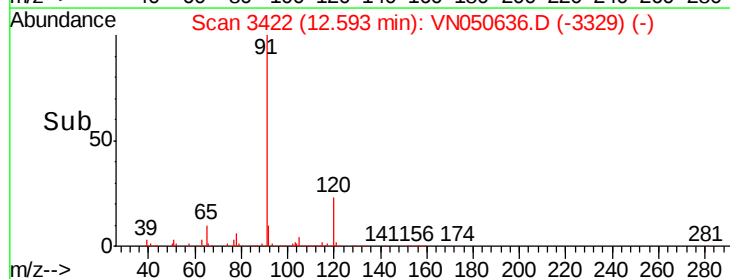
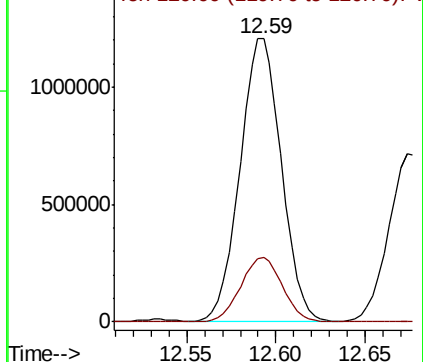
91 100

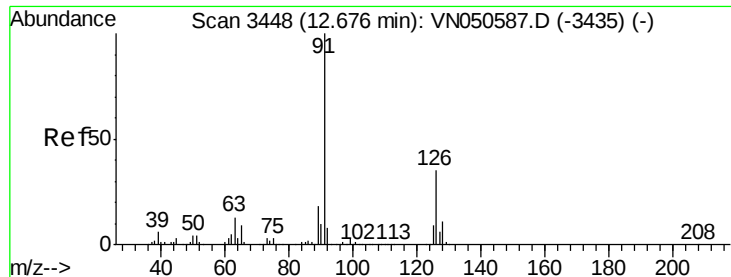
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.147 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

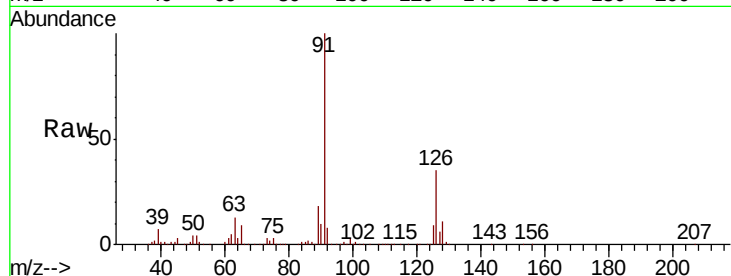
944-MW-05(17)MS

Tgt Ion: 91 Resp: 1165977

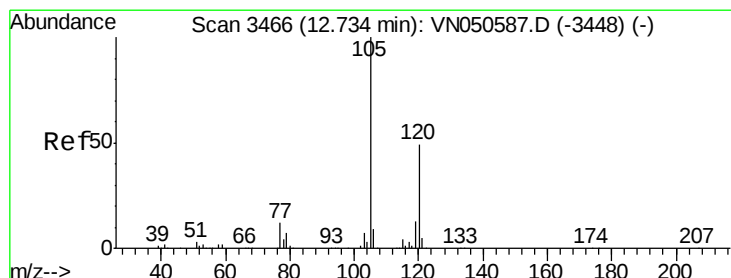
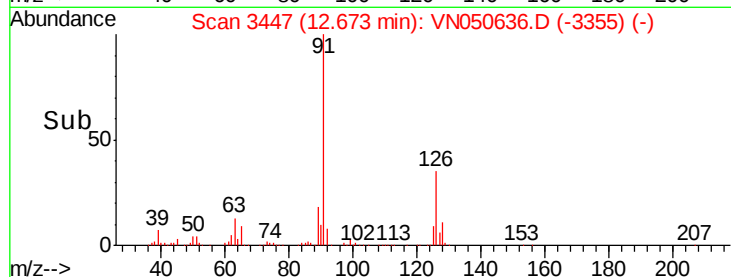
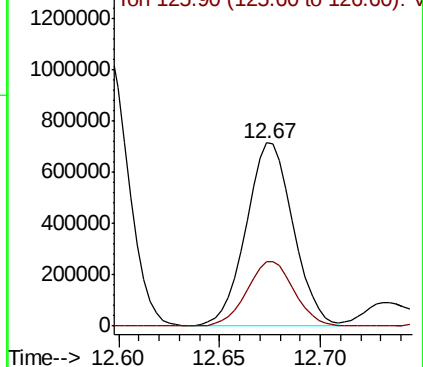
Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.729 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050636.D

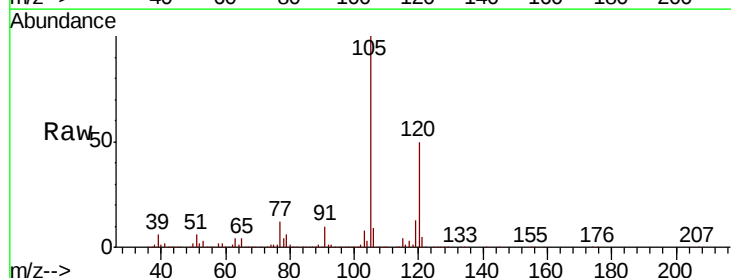
Acq: 15 Aug 2018 5:59

Tgt Ion: 105 Resp: 1414826

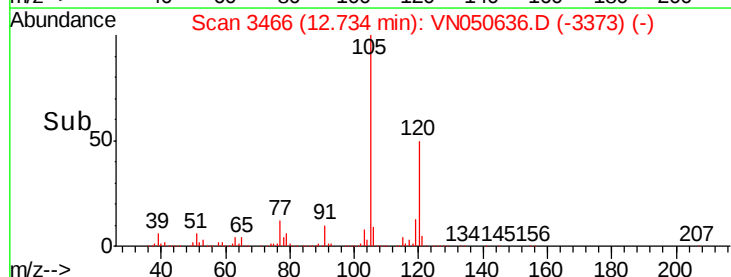
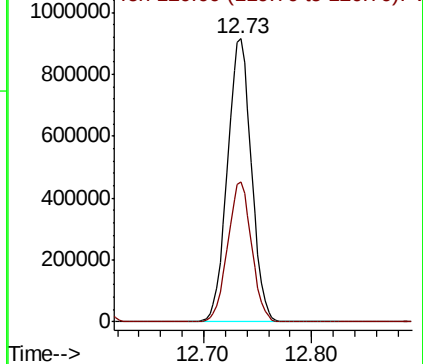
Ion Ratio Lower Upper

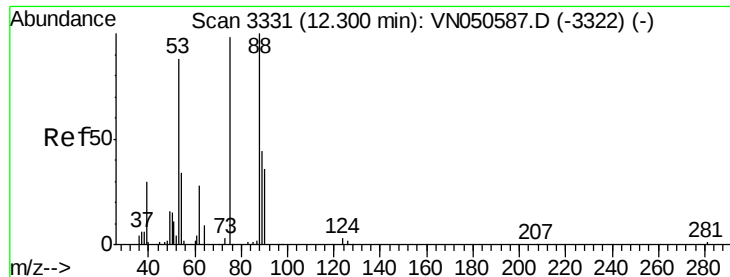
105 100

120 49.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN050587.D (-3448) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.524 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

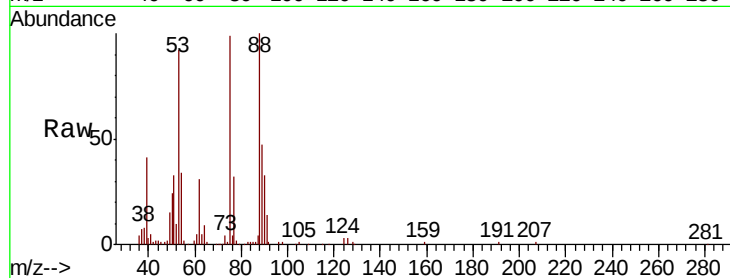
Tgt Ion: 75 Resp: 89288

Ion Ratio Lower Upper

75 100

53 91.5 72.2 108.2

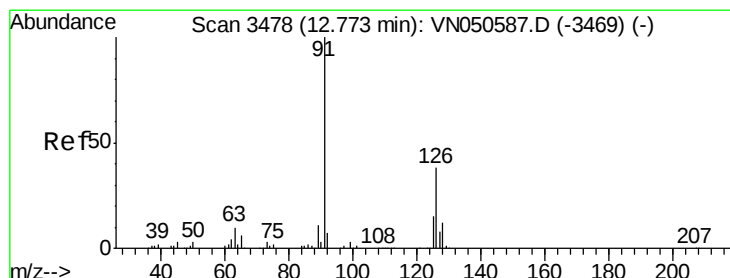
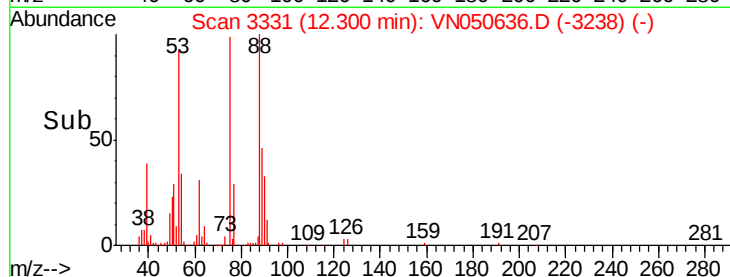
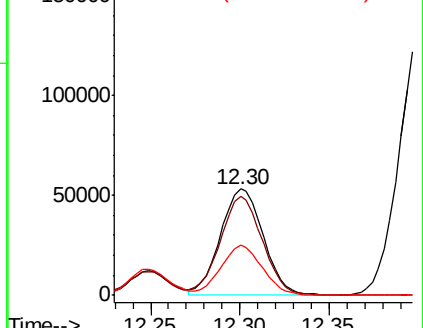
89 45.4 36.3 54.5



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: 49.354 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050636.D

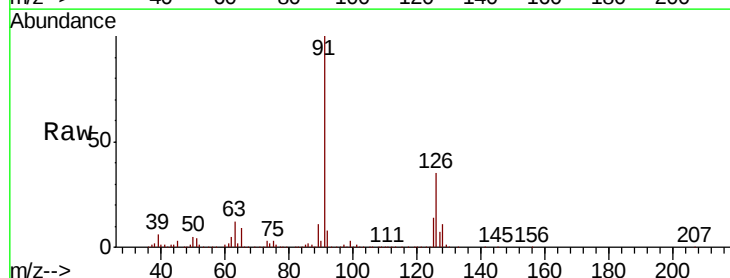
Acq: 15 Aug 2018 5:59

Tgt Ion: 91 Resp: 1181089

Ion Ratio Lower Upper

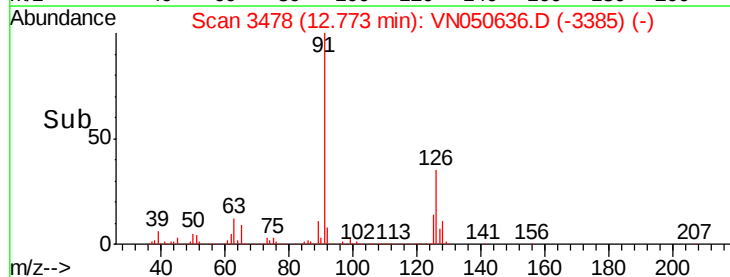
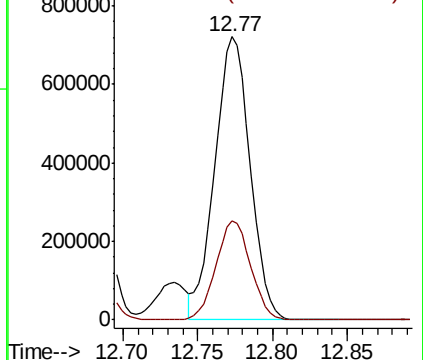
91 100

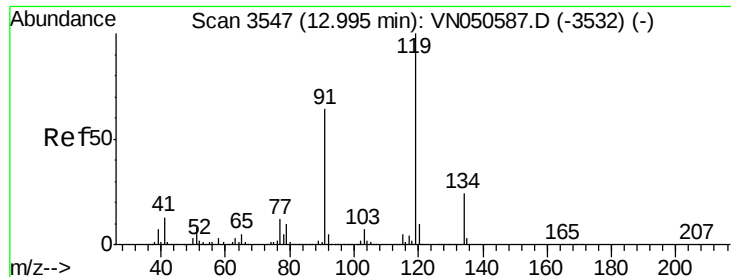
126 34.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

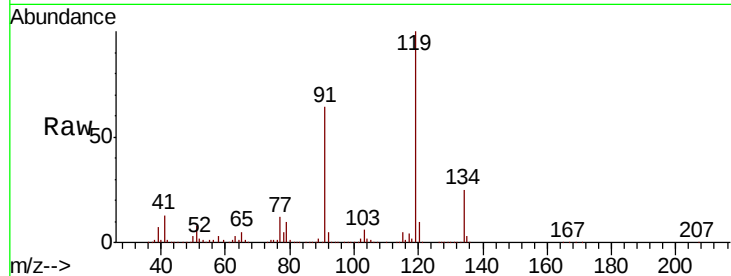




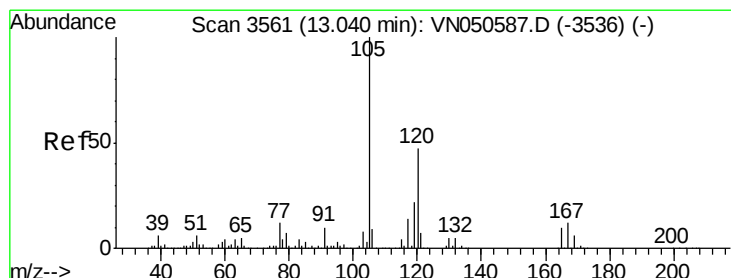
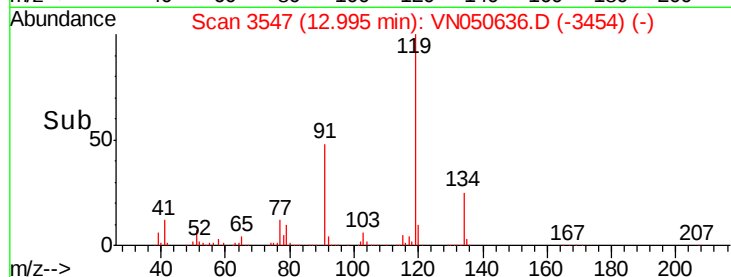
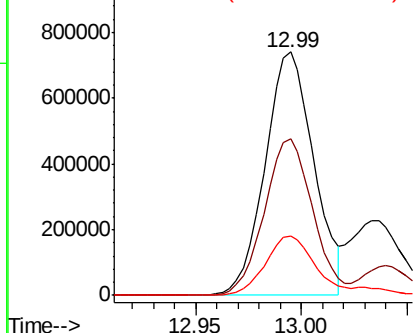
#83
 tert-Butylbenzene
 Concen: 49.154 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

Tgt Ion:119 Resp: 1190003
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.2 96.6
 134 24.8 13.4 40.2

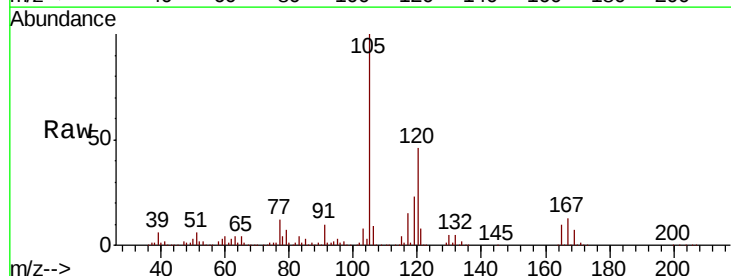


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

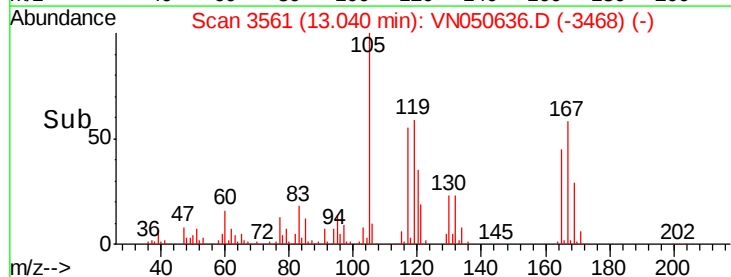
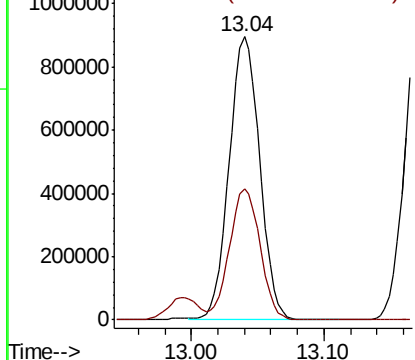


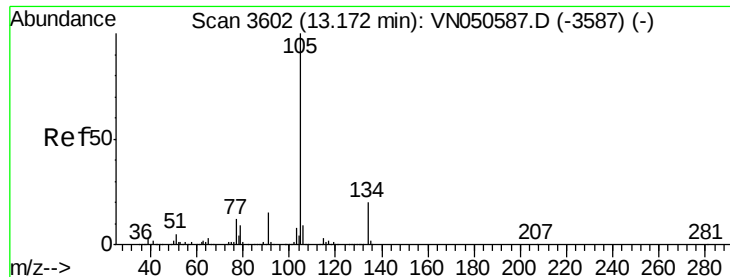
#84
 1,2,4-Trimethylbenzene
 Concen: 51.134 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion:105 Resp: 1431381
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.5



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

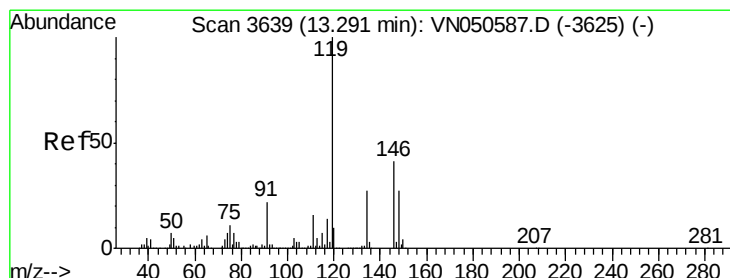
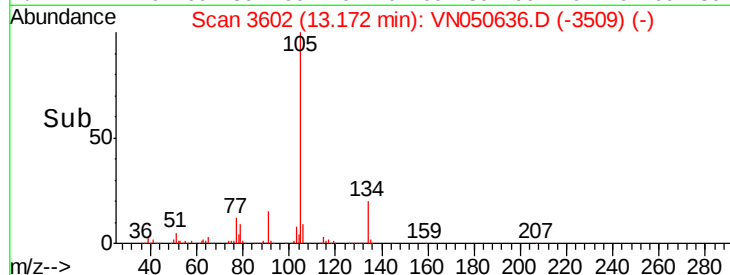
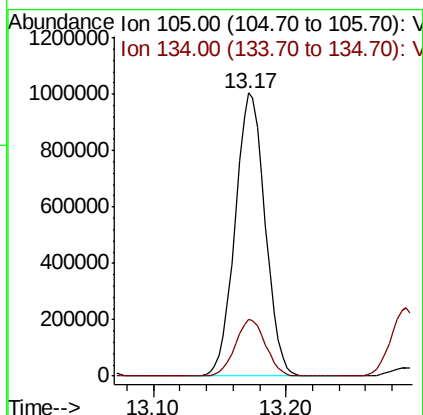
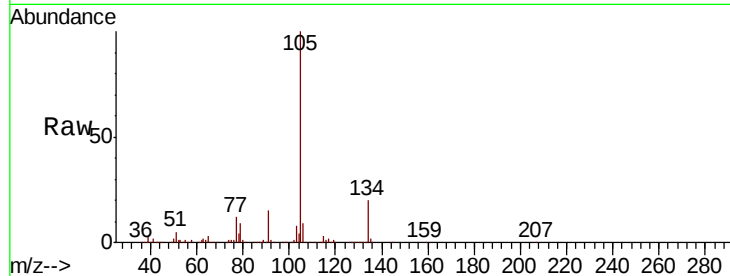




#85
 sec-Butylbenzene
 Concen: 49.652 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

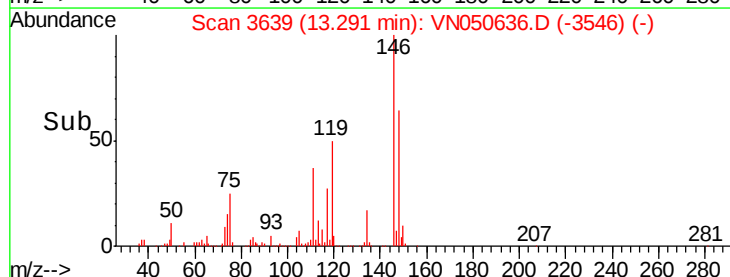
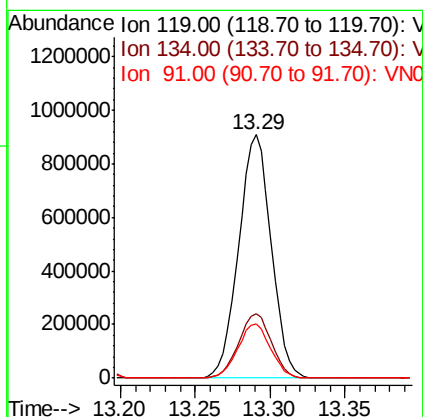
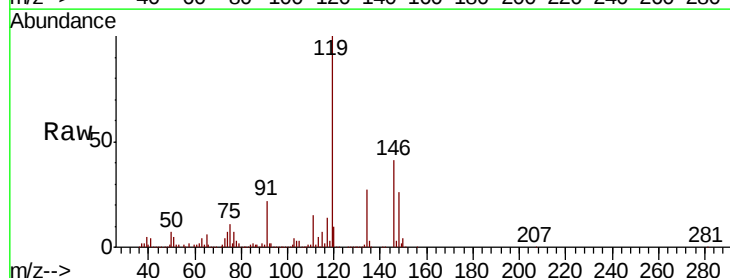
Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

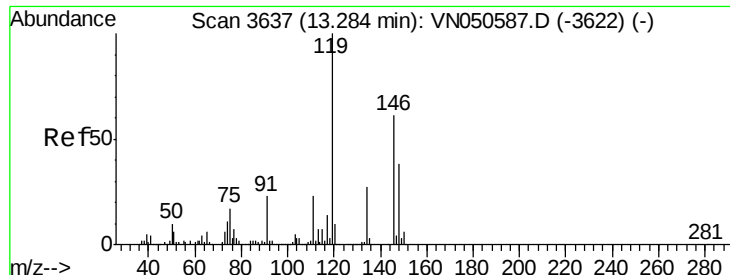
Tgt Ion:105 Resp: 1570848
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.180 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion:119 Resp: 1372015
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 22.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 47.604 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

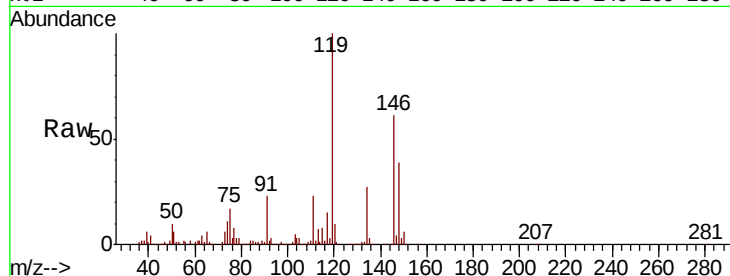
Tgt Ion:146 Resp: 766405

Ion Ratio Lower Upper

146 100

111 38.0 19.2 57.6

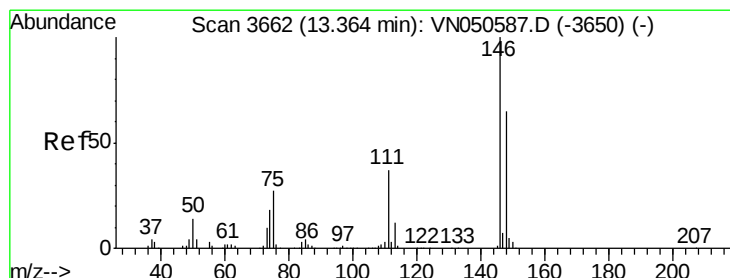
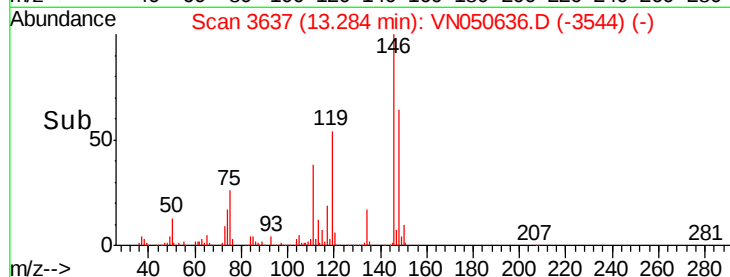
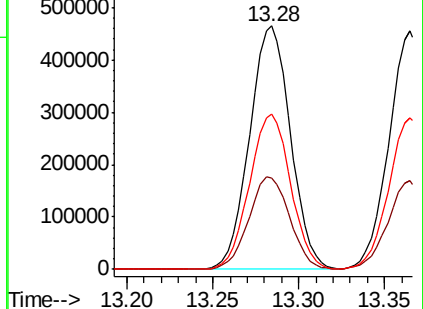
148 63.9 31.9 95.7



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: 46.163 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

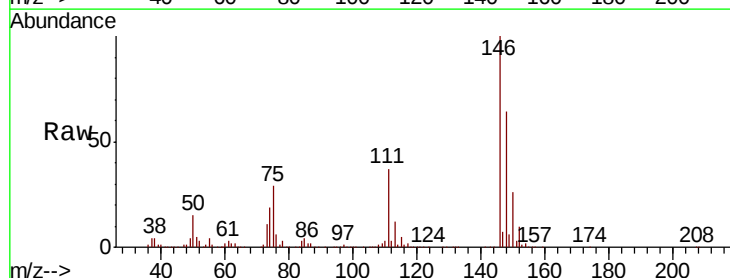
Tgt Ion:146 Resp: 737636

Ion Ratio Lower Upper

146 100

111 37.4 18.8 56.4

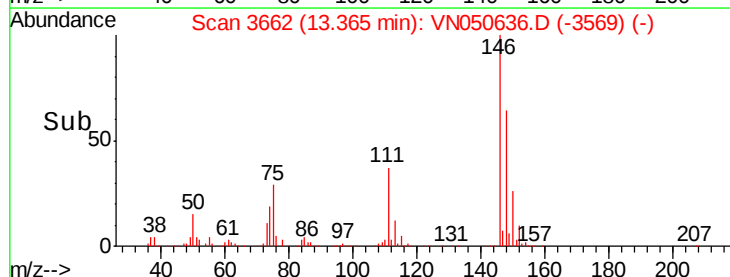
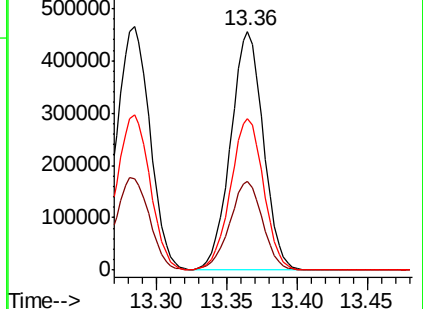
148 64.3 32.3 96.8

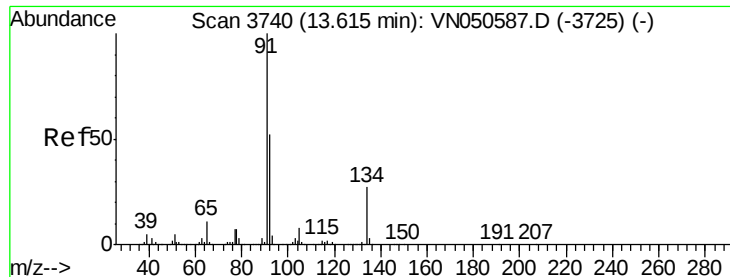


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

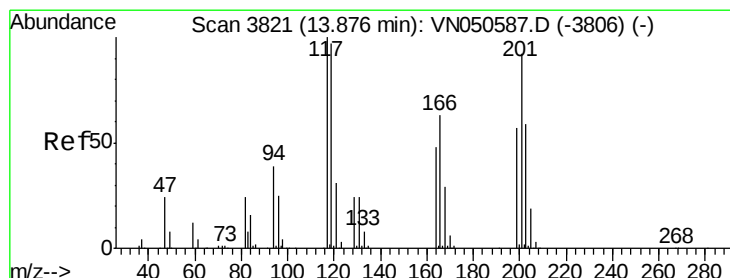
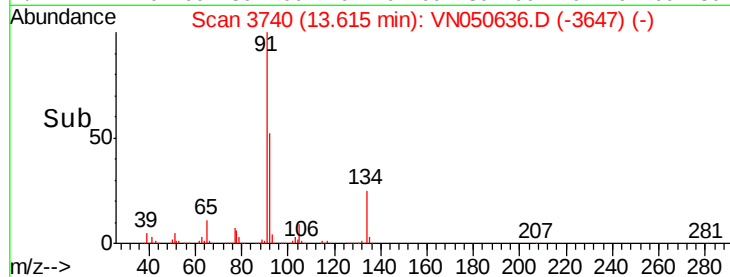
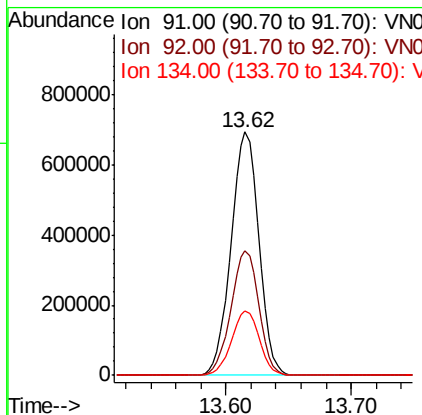
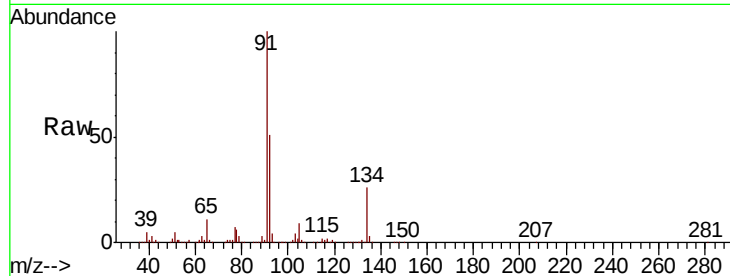




#89
n-Butylbenzene
Concen: 49.204 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

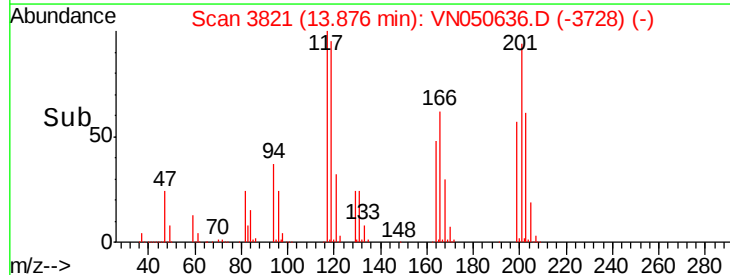
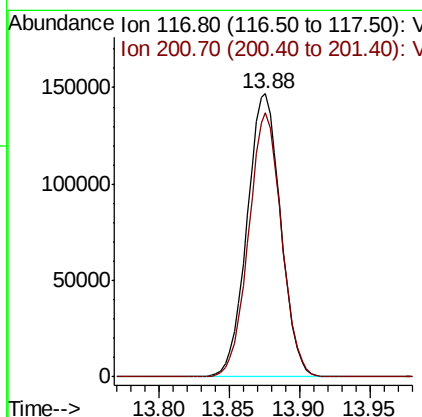
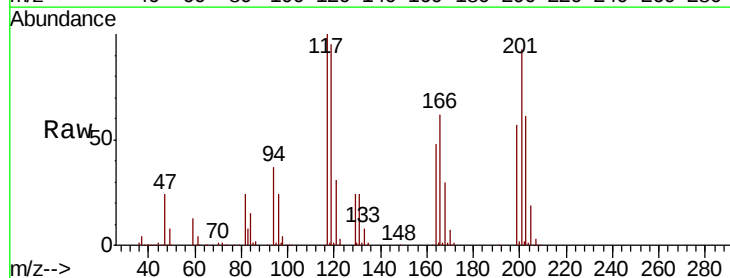
Instrument :
MSVOA_N
ClientSampleId :
944-MW-05(17)MS

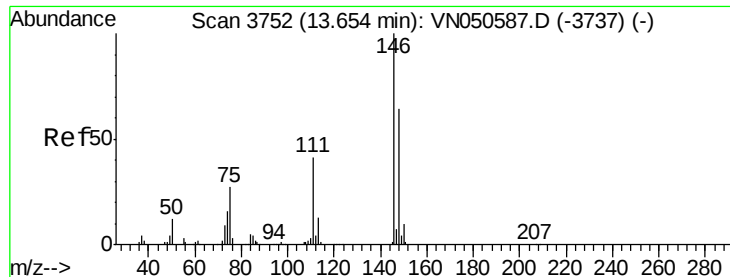
Tgt Ion: 91 Resp: 1065138
Ion Ratio Lower Upper
91 100
92 51.4 26.3 78.8
134 26.4 13.3 39.9



#90
Hexachloroethane
Concen: 45.572 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050636.D
Acq: 15 Aug 2018 5:59

Tgt Ion: 117 Resp: 245654
Ion Ratio Lower Upper
117 100
201 91.0 45.5 136.5





#91

1,2-Dichlorobenzene

Concen: 47.390 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

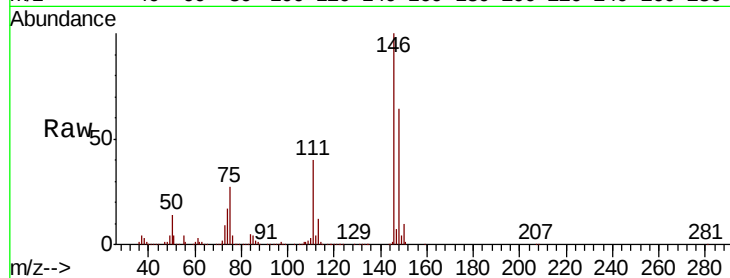
Tgt Ion:146 Resp: 744365

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

148 64.2 32.3 96.8



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

600000

500000

400000

300000

200000

100000

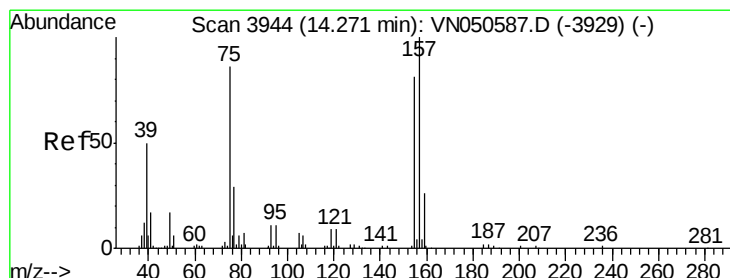
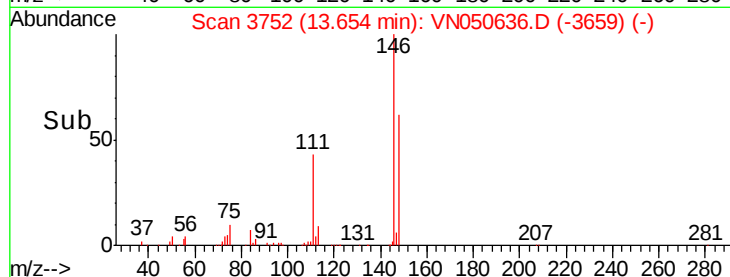
0

13.65

13.60

13.70

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.959 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

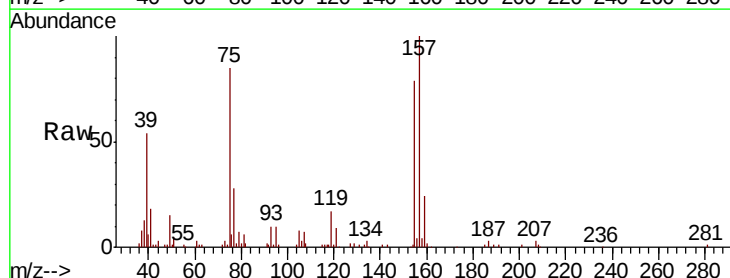
Tgt Ion: 75 Resp: 58362

Ion Ratio Lower Upper

75 100

155 94.4 46.6 139.8

157 119.6 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

50000

40000

30000

20000

10000

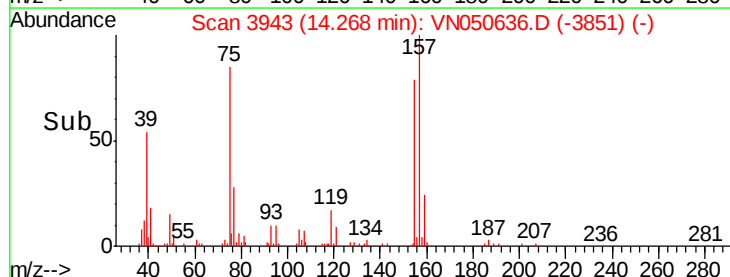
0

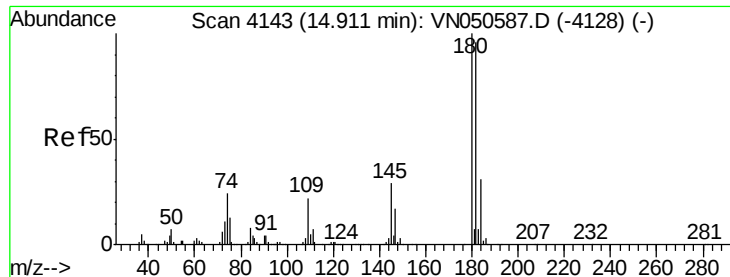
14.27

14.20

14.30

Time-->

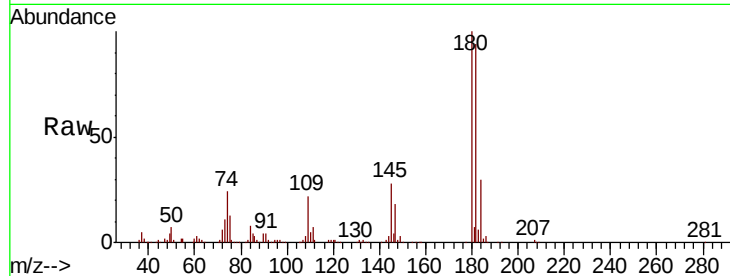




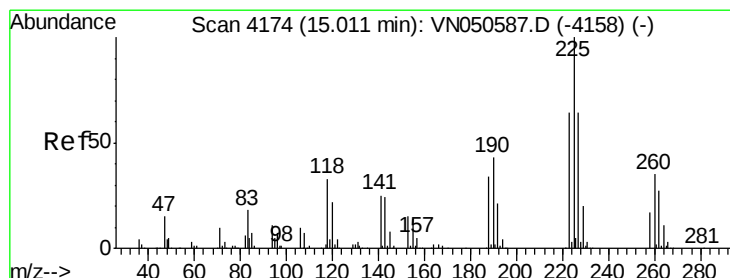
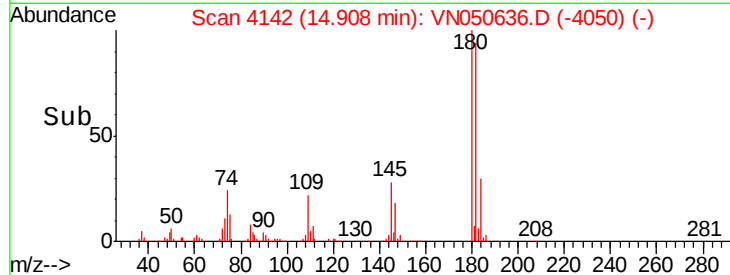
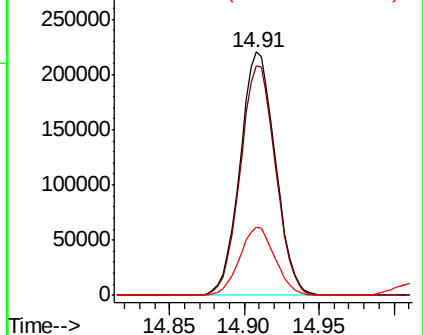
#93
 1,2,4-Trichlorobenzene
 Concen: 45.093 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Instrument :
 MSVOA_N
 ClientSampleId :
 944-MW-05(17)MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.7
145	28.0	14.4	43.4

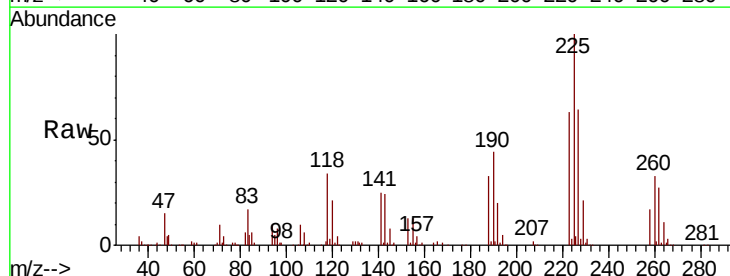


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

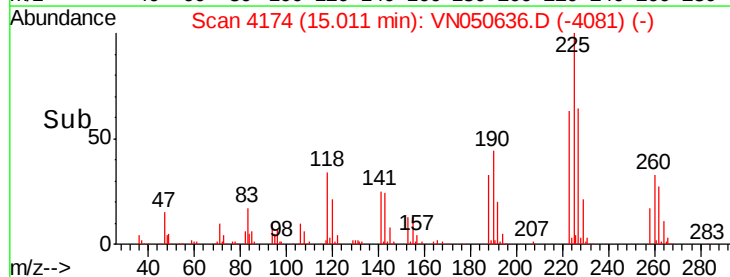
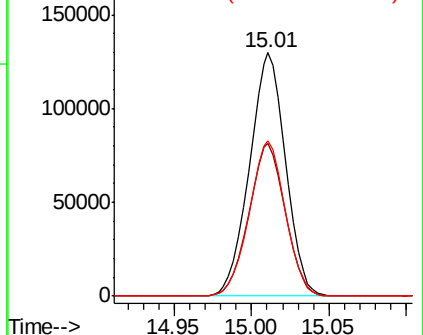


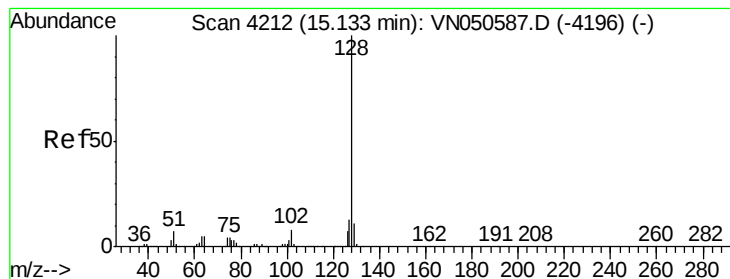
#94
 Hexachlorobutadiene
 Concen: 43.696 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050636.D
 Acq: 15 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.3
227	63.8	32.0	96.2



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





#95

Naphthalene

Concen: 43.882 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

944-MW-05(17)MS

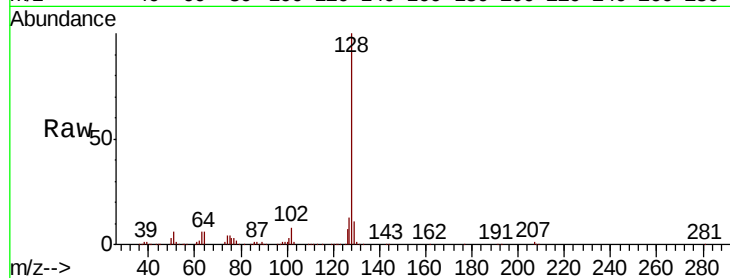
Tgt Ion:128 Resp: 743744

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

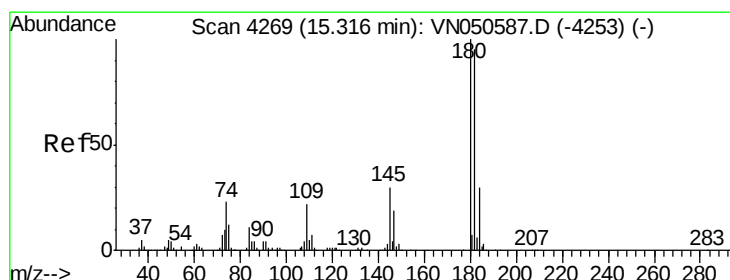
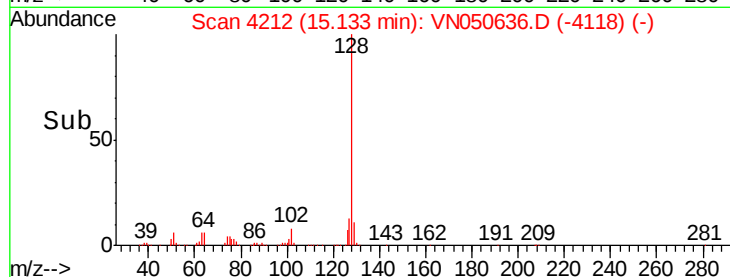
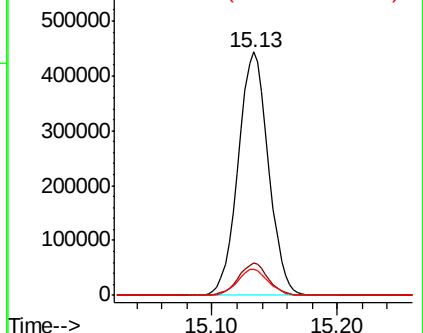
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.170 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN050636.D

Acq: 15 Aug 2018 5:59

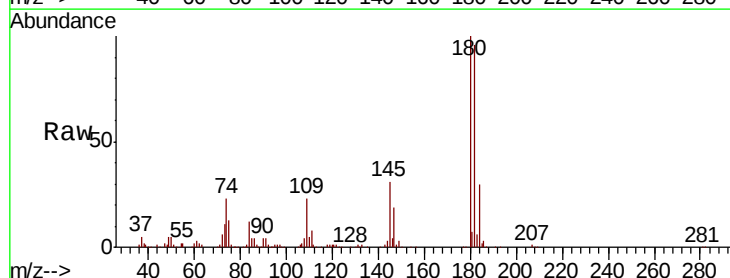
Tgt Ion:180 Resp: 346476

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 29.5 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

