

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050121.D
 Acq On : 27 Jul 2018 8:12
 Operator : MD\SY
 Sample : J4184-05MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

Quant Time: Jul 27 08:43:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	732448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1034398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	530320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	502776	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	454445	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.09	98	1664287	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.40	95	573705	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	469825	44.64	ug/l	99
3) Chloromethane	2.06	50	489696	42.81	ug/l	100
4) Vinyl Chloride	2.18	62	547300	45.43	ug/l	96
5) Bromomethane	2.56	94	112136	16.08	ug/l	99
6) Chloroethane	2.70	64	324700	44.88	ug/l	100
7) Trichlorofluoromethane	3.01	101	706933	45.30	ug/l	100
8) Diethyl Ether	3.41	74	263945	50.73	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	392161	41.79	ug/l	99
10) Methyl Iodide	3.95	142	298961	24.82	ug/l	97
11) Tert butyl alcohol	4.80	59	181133	240.89	ug/l	100
12) 1,1-Dichloroethene	3.73	96	406337	48.13	ug/l	97
13) Acrolein	3.61	56	67505	111.74	ug/l	93
14) Allyl chloride	4.32	41	607327	46.40	ug/l	99
15) Acrylonitrile	4.99	53	761094	232.00	ug/l	100
16) Acetone	3.82	43	578906	240.33	ug/l	100
17) Carbon Disulfide	4.05	76	1165223	45.06	ug/l	99
18) Methyl Acetate	4.33	43	377251	39.97	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1194755	53.11	ug/l	100
20) Methylene Chloride	4.55	84	459690	50.75	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	434948	48.62	ug/l	98
22) Diisopropyl ether	5.96	45	1359887	52.39	ug/l	99
23) Vinyl Acetate	5.90	43	3451952	188.20	ug/l	100
24) 1,1-Dichloroethane	5.85	63	822541	48.46	ug/l	100
25) 2-Butanone	6.84	43	893819	229.31	ug/l	99
26) 2,2-Dichloropropane	6.83	77	332379	25.74	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	499386	51.86	ug/l	95
28) Bromochloromethane	7.20	49	381578	49.29	ug/l	97
29) Tetrahydrofuran	7.22	42	590993	234.63	ug/l	98
30) Chloroform	7.37	83	830148	47.93	ug/l	98
31) Cyclohexane	7.66	56	667313	47.41	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	705814	47.64	ug/l	99
36) 1,1-Dichloropropene	7.80	75	612810	47.71	ug/l	99
37) Ethyl Acetate	6.93	43	313820	35.04	ug/l	99
38) Carbon Tetrachloride	7.78	117	617833	45.33	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	610511	46.20	ug/l	97
40) Benzene	8.04	78	3667336	93.82	ug/l	99
41) Methacrylonitrile	7.18	41	238115	50.99	ug/l #	76
42) 1,2-Dichloroethane	8.13	62	593114	45.48	ug/l	99
43) Isopropyl Acetate	8.17	43	693873	40.91	ug/l	99
44) Trichloroethene	8.84	130	495958	47.22	ug/l	99
45) 1,2-Dichloropropane	9.12	63	485362	46.88	ug/l	98
46) Dibromomethane	9.21	93	296455	46.12	ug/l	98
47) Bromodichloromethane	9.40	83	632508	46.62	ug/l	99
48) Methyl methacrylate	9.20	41	375574	48.69	ug/l	99
49) 1,4-Dioxane	9.20	88	100831	960.61	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	2011295	228.45	ug/l	99
52) Toluene	10.16	92	1386329	60.08	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	577947	45.14	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	654396	44.72	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	428759	46.85	ug/l	99
56) Ethyl methacrylate	10.43	69	561759	45.50	ug/l	98
57) 1,3-Dichloropropane	10.71	76	715271	48.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.71	63	393	8.59	ug/l #	48
59) 2-Hexanone	10.75	43	1346258	208.97	ug/l	98
60) Dibromochloromethane	10.90	129	478351	47.21	ug/l	98
61) 1,2-Dibromoethane	11.01	107	423803	46.67	ug/l	98
64) Tetrachloroethene	10.63	164	426524	42.89	ug/l	99
65) Chlorobenzene	11.44	112	1244517	47.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	470036	46.82	ug/l	99
67) Ethyl Benzene	11.51	91	3389001	80.74	ug/l	100
68) m/p-Xylenes	11.62	106	1909660	120.29	ug/l	99
69) o-Xylene	11.95	106	1027899	67.92	ug/l	99
70) Styrene	11.97	104	1267191	47.13	ug/l	97
71) Bromoform	12.13	173	330912	45.31	ug/l #	98
73) Isopropylbenzene	12.25	105	2403841	58.45	ug/l	100
74) N-amyl acetate	12.07	43	475749	37.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	547156	49.80	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	608722	61.76	ug/l #	100
77) Bromobenzene	12.53	156	569535	49.96	ug/l	93
78) n-propylbenzene	12.59	91	2432845	52.92	ug/l	100
79) 2-Chlorotoluene	12.68	91	1485186	52.12	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1769529	54.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	101803	32.76	ug/l	97
82) 4-Chlorotoluene	12.77	91	1431287	50.72	ug/l	99
83) tert-Butylbenzene	12.99	119	1508785	53.44	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2014246	61.77	ug/l	99
85) sec-Butylbenzene	13.17	105	1988195	52.70	ug/l	100
86) p-Isopropyltoluene	13.29	119	1742554	54.82	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	951947	49.26	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	928453	49.29	ug/l	100
89) n-Butylbenzene	13.62	91	1423883	54.47	ug/l	98
90) Hexachloroethane	13.88	117	280156	39.69	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	938499	48.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88824	48.44	ug/l	93

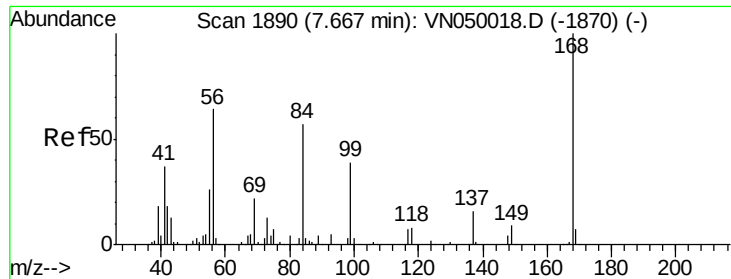
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	527411	51.39	ug/l	98
94) Hexachlorobutadiene	15.01	225	272124	46.02	ug/l	99
95) Naphthalene	15.14	128	3731017	144.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	522322	52.24	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

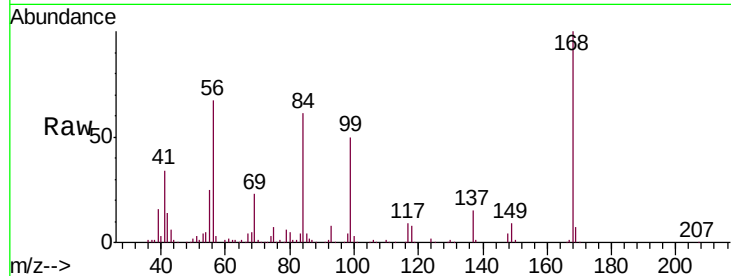
MW-7BSMS

Tot Ion:168 Resp: 732448

Ion Ratio Lower Upper

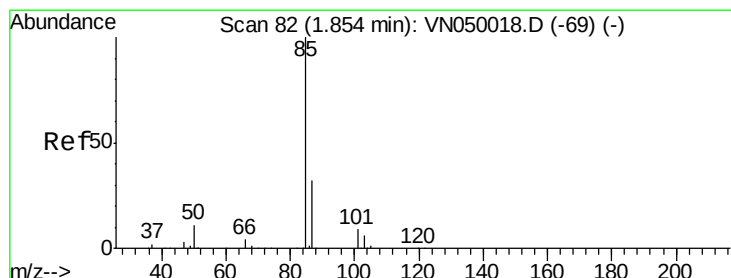
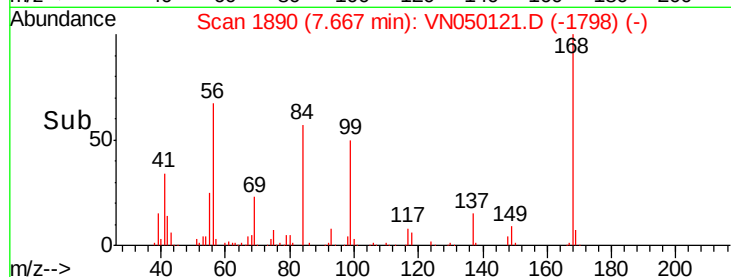
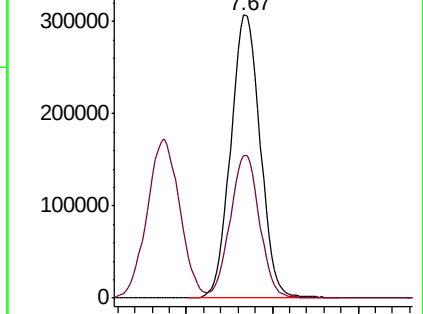
168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 44.64 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050121.D

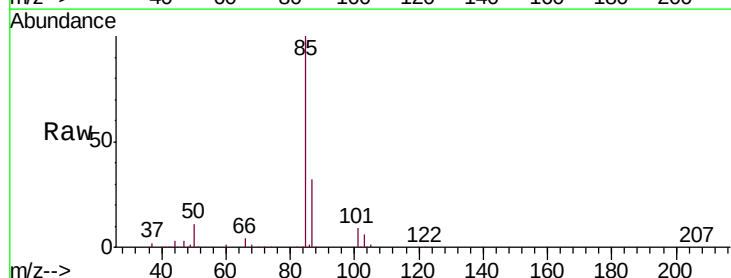
Acq: 27 Jul 2018 8:12

Tgt Ion: 85 Resp: 469825

Ion Ratio Lower Upper

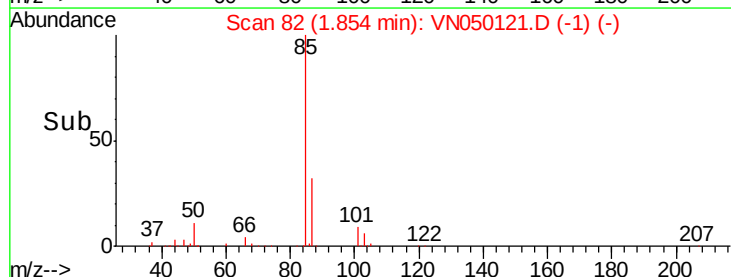
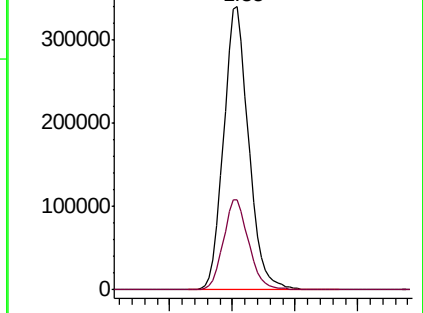
85 100

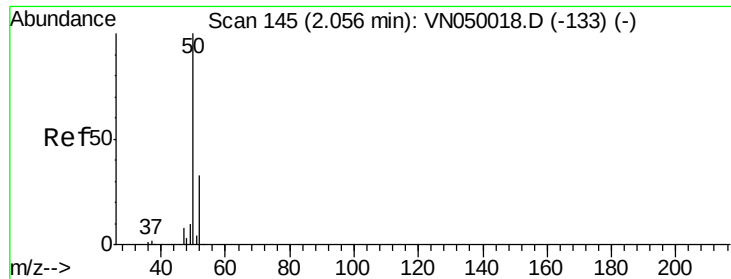
87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 42.81 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

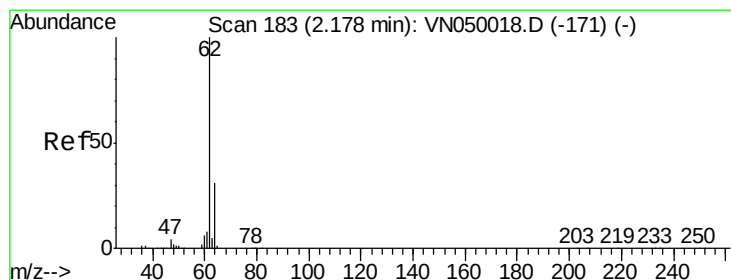
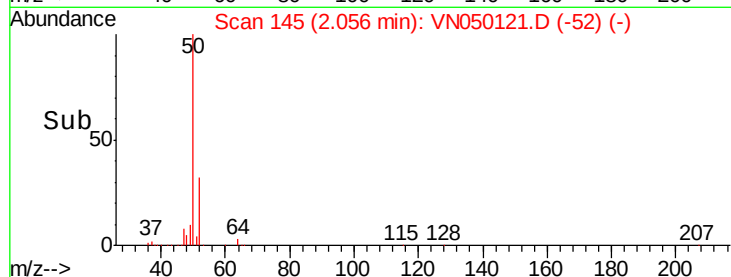
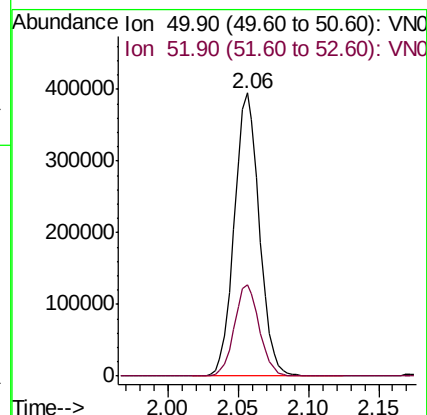
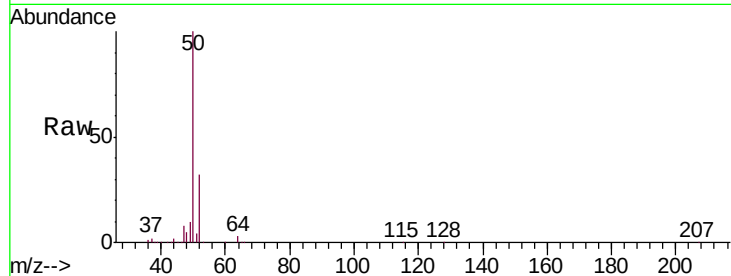
MW-7BSMS

Tot Ion: 50 Resp: 489696

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 45.43 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050121.D

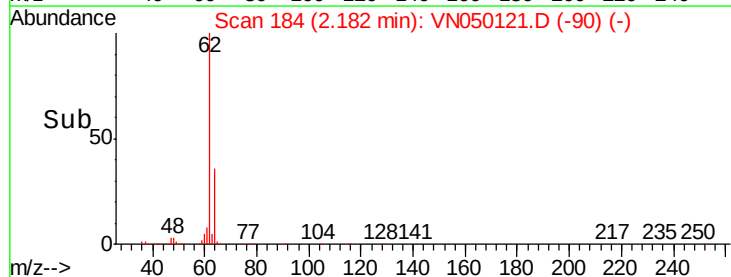
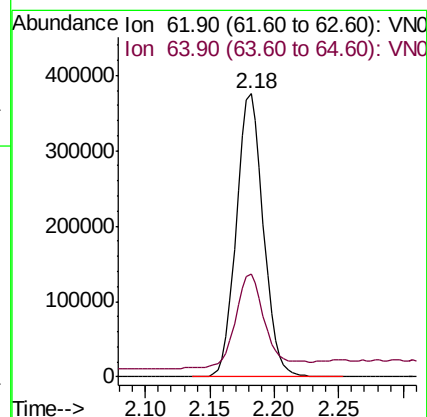
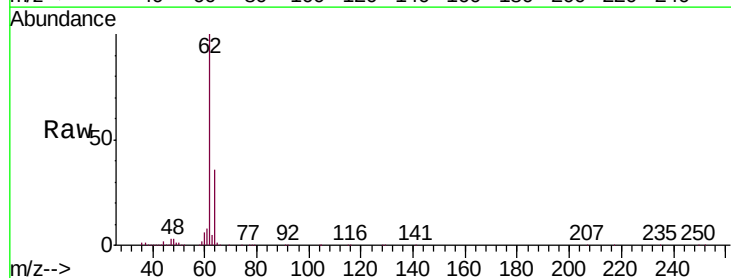
Acq: 27 Jul 2018 8:12

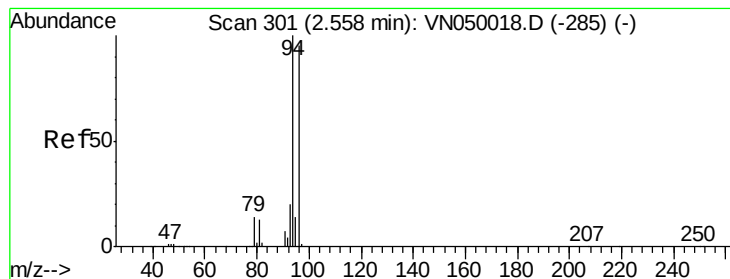
Tgt Ion: 62 Resp: 547300

Ion Ratio Lower Upper

62 100

64 33.1 24.7 37.1





#5

Bromomethane

Concen: 16.08 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

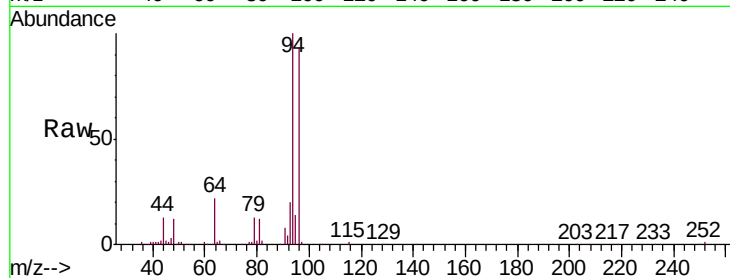
MW-7BSMS

Tot Ion: 94 Resp: 112136

Ion Ratio Lower Upper

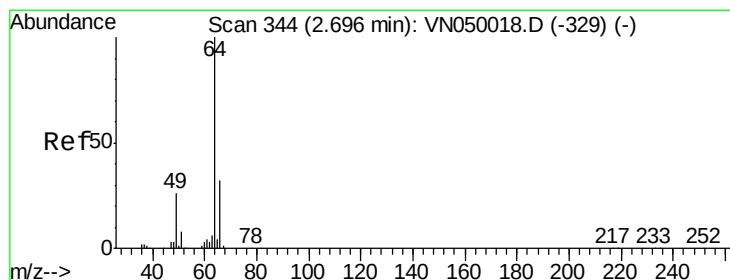
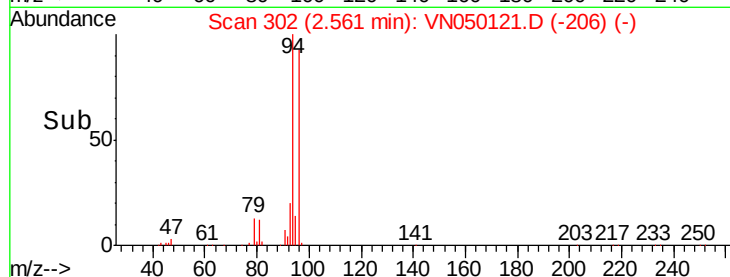
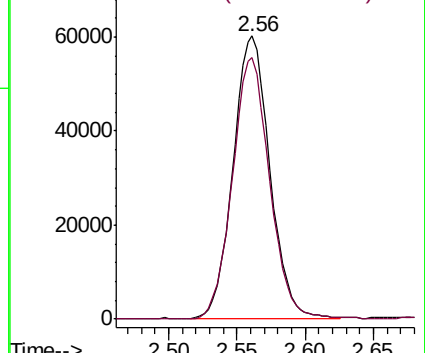
94 100

96 92.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.88 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VN050121.D

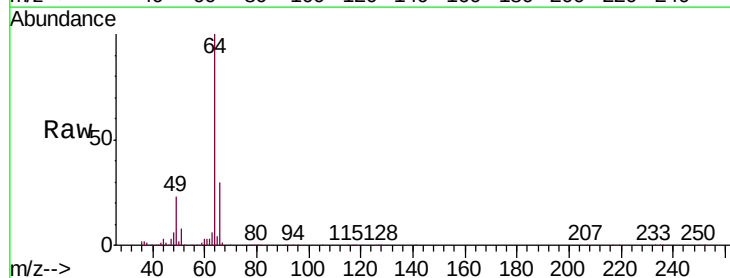
Acq: 27 Jul 2018 8:12

Tgt Ion: 64 Resp: 324700

Ion Ratio Lower Upper

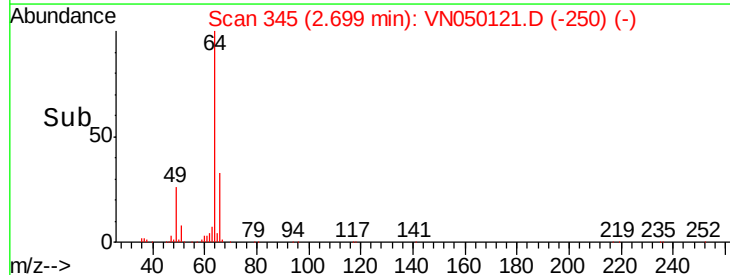
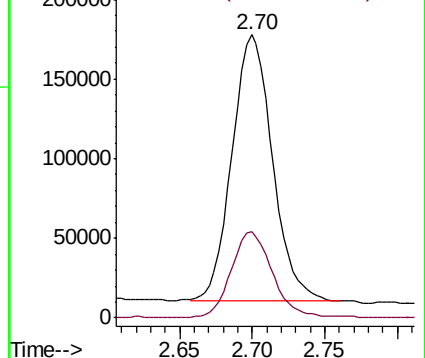
64 100

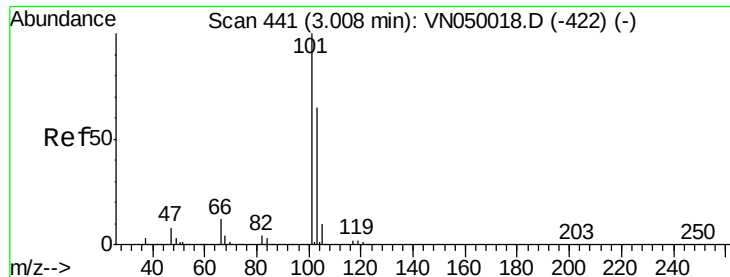
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 45.30 ug/l

RT: 3.01 min Scan# 442

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

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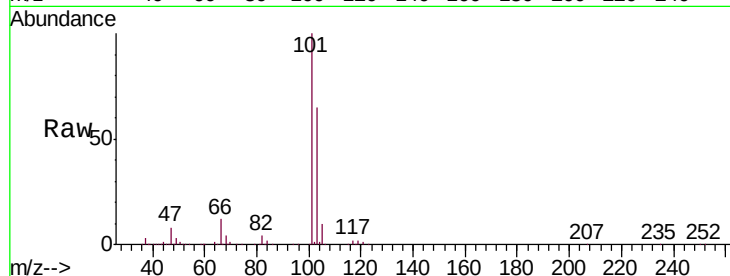
MW-7BSMS

Tot Ion:101 Resp: 706933

Ion Ratio Lower Upper

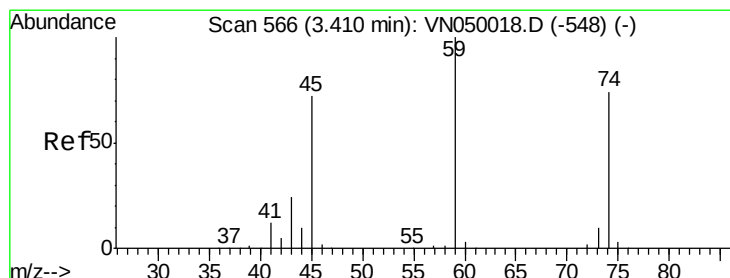
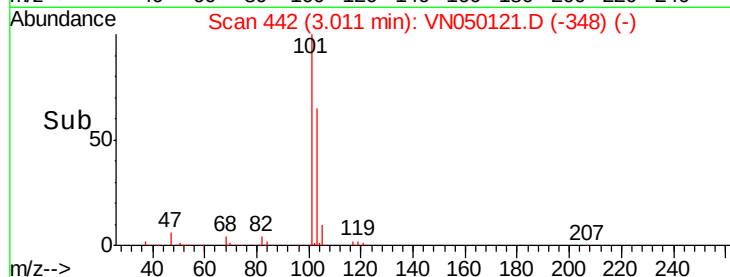
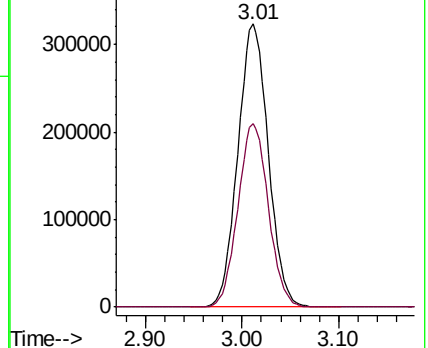
101 100

103 64.9 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.73 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050121.D

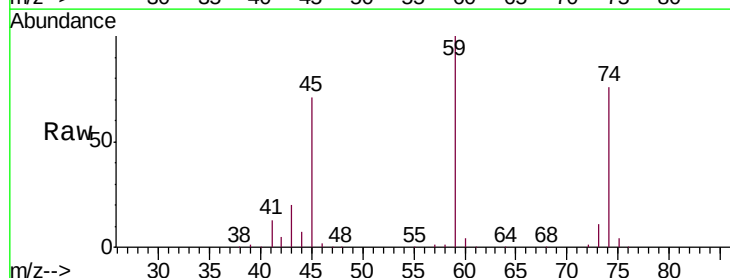
Acq: 27 Jul 2018 8:12

Tgt Ion: 74 Resp: 263945

Ion Ratio Lower Upper

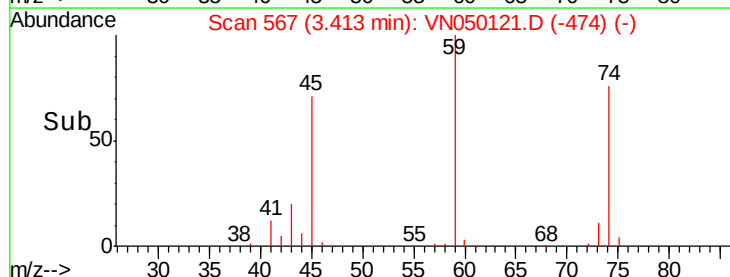
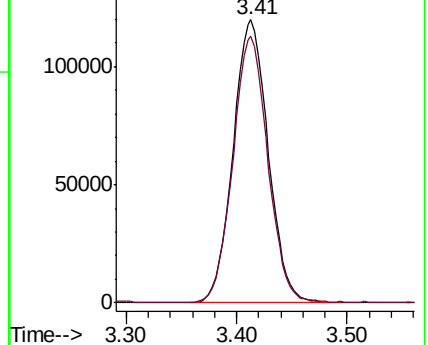
74 100

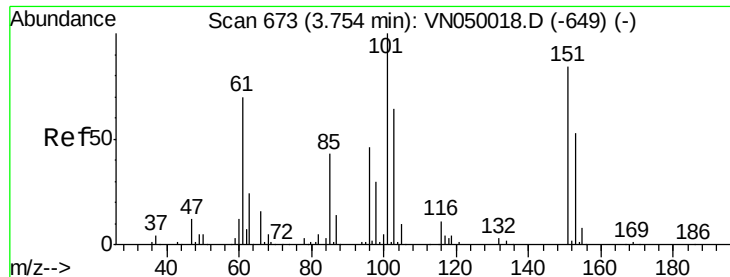
45 93.0 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.79 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

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ClientSampleId :

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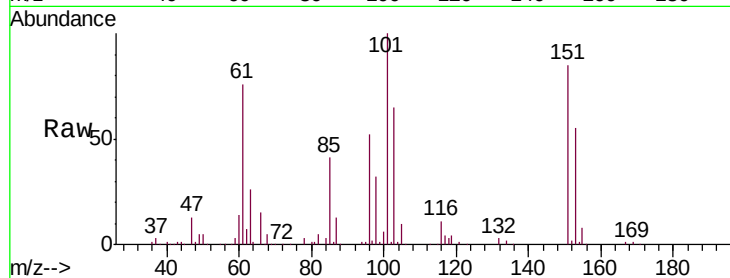
Tot Ion:101 Resp: 392161

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.2

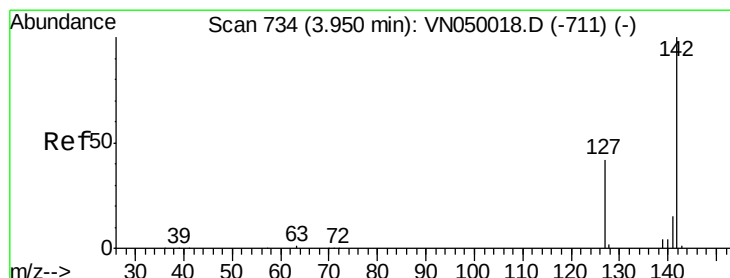
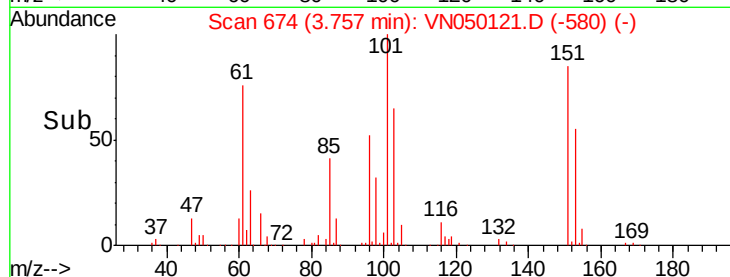
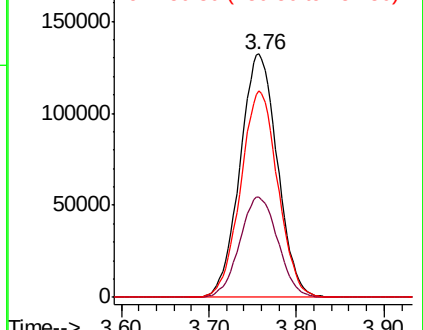
151 84.1 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.82 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

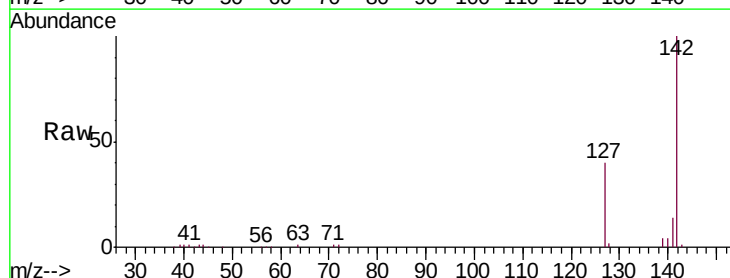
Tgt Ion:142 Resp: 298961

Ion Ratio Lower Upper

142 100

127 39.5 33.4 50.2

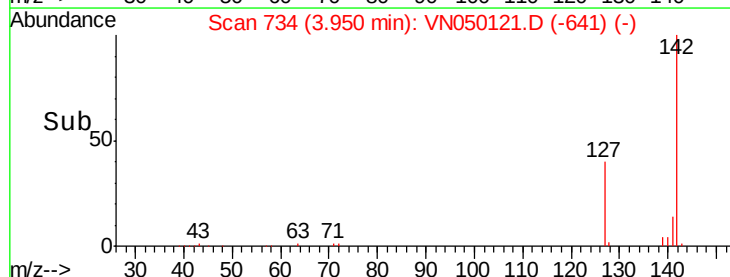
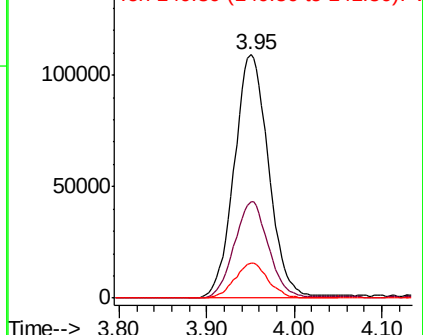
141 14.0 11.6 17.4

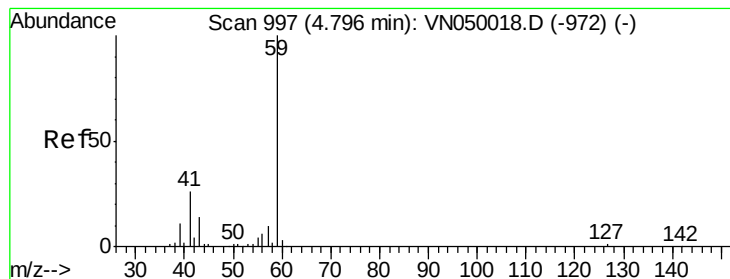


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



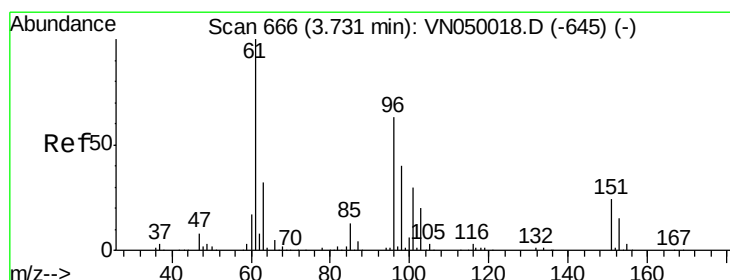
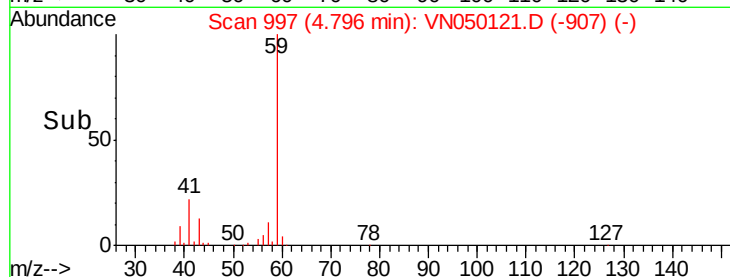
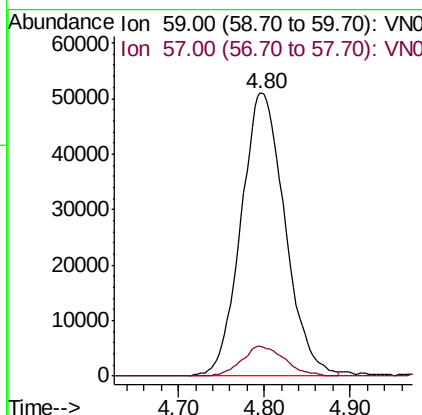
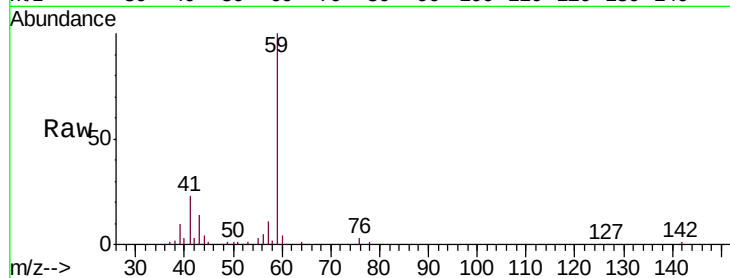


#11

Tert butyl alcohol
 Concen: 240.89 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BSMS

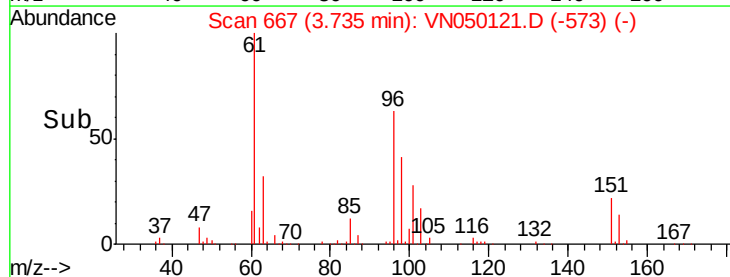
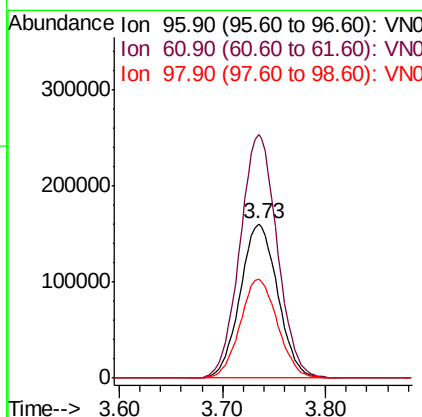
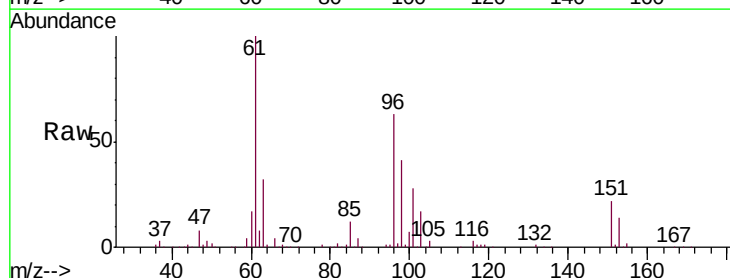
Tot Ion: 59 Resp: 181133
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

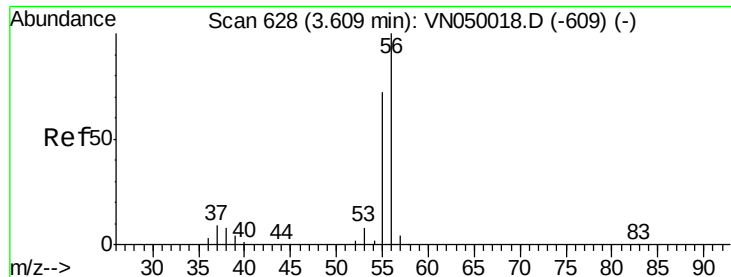


#12

1,1-Dichloroethene
 Concen: 48.13 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion: 96 Resp: 406337
 Ion Ratio Lower Upper
 96 100
 61 157.8 124.4 186.6
 98 64.3 48.3 72.5





#13

Acrolein

Concen: 111.74 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

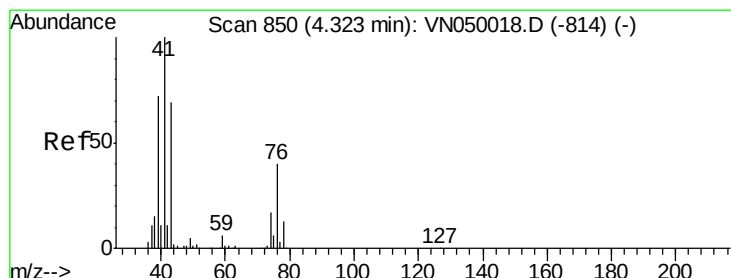
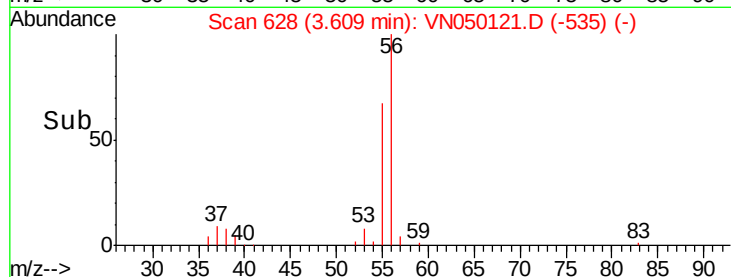
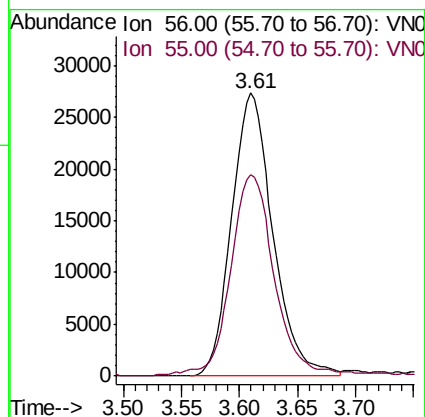
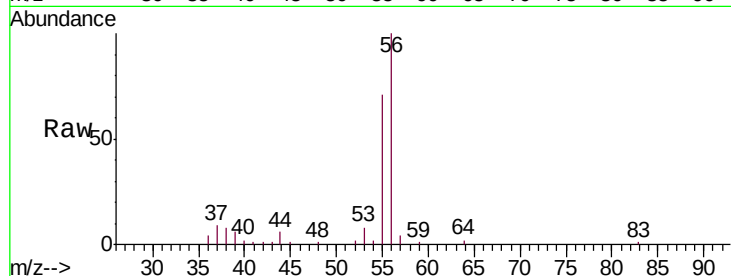
MW-7BSMS

Tot Ion: 56 Resp: 67505

Ion Ratio Lower Upper

56 100

55 75.7 55.8 83.6



#14

Allyl chloride

Concen: 46.40 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

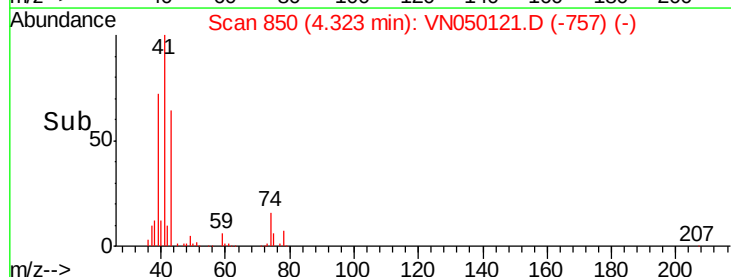
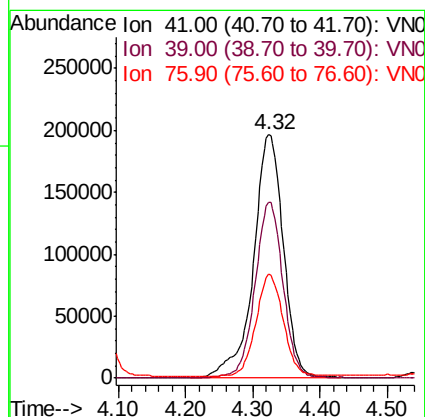
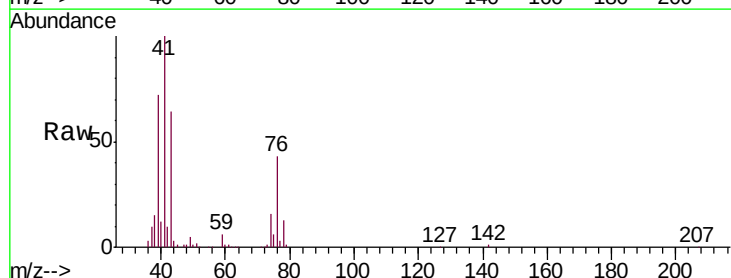
Tgt Ion: 41 Resp: 607327

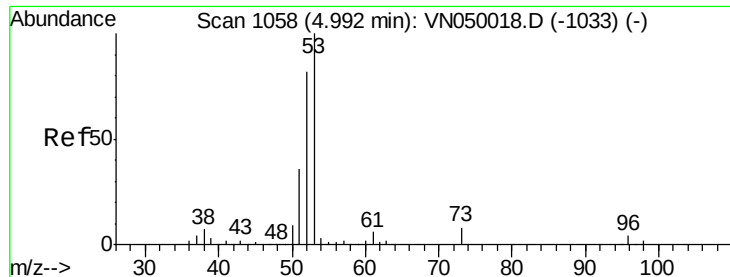
Ion Ratio Lower Upper

41 100

39 67.8 54.2 81.4

76 38.0 29.0 43.6

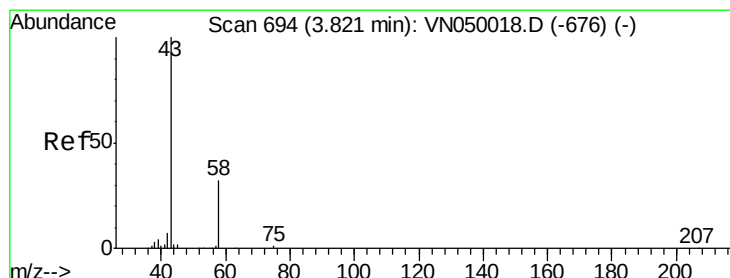
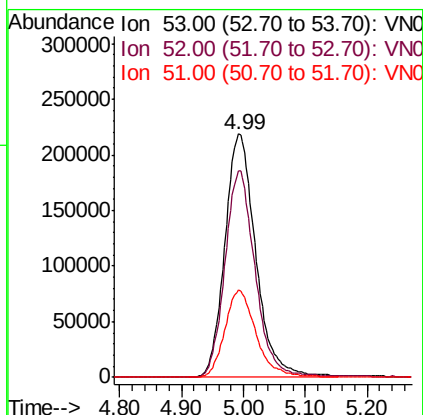
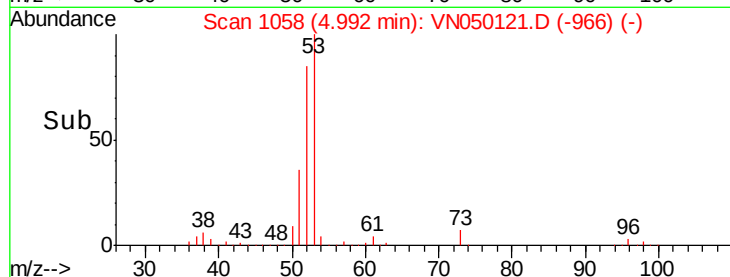
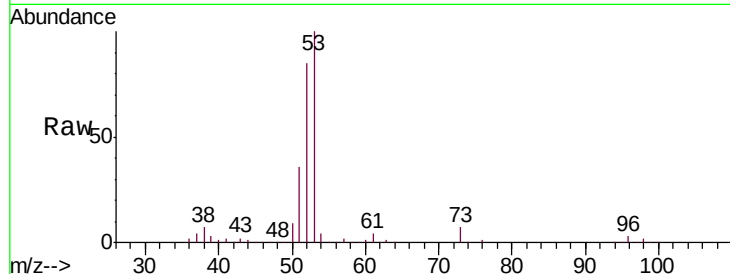




#15
 Acrylonitrile
 Concen: 232.00 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

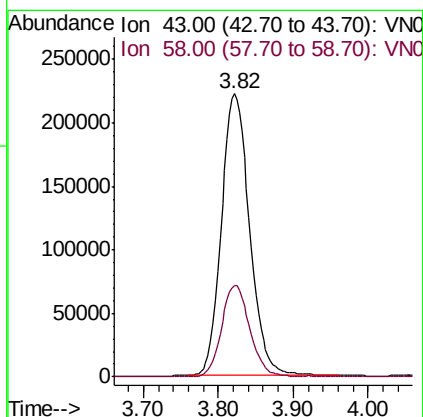
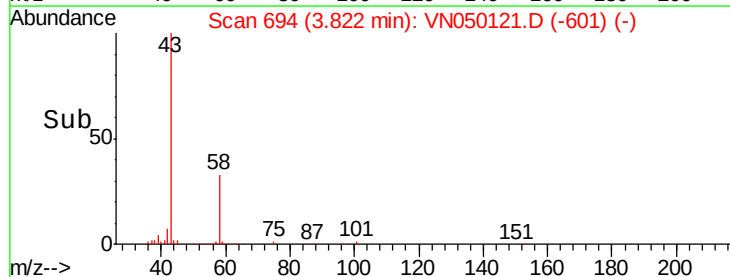
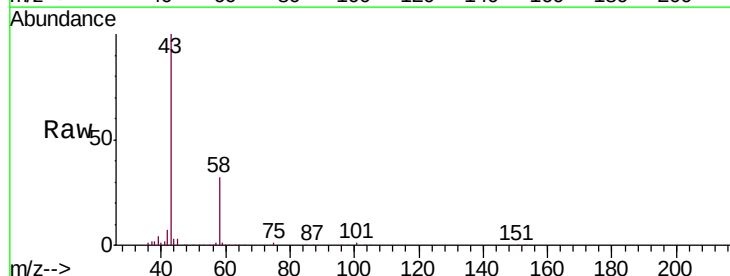
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BSMS

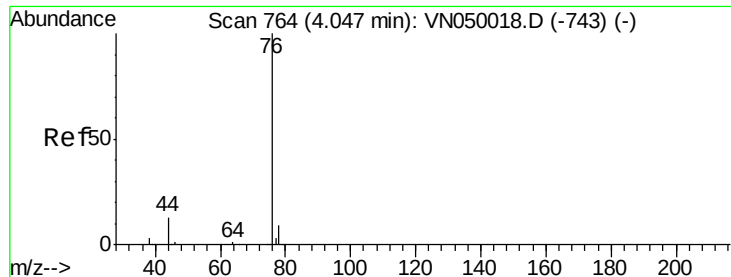
Tot Ion	53	Resp	761094
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.2	29.3	43.9



#16
 Acetone
 Concen: 240.33 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion	43	Resp	578906
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.8	38.8





#17

Carbon Disulfide

Concen: 45.06 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

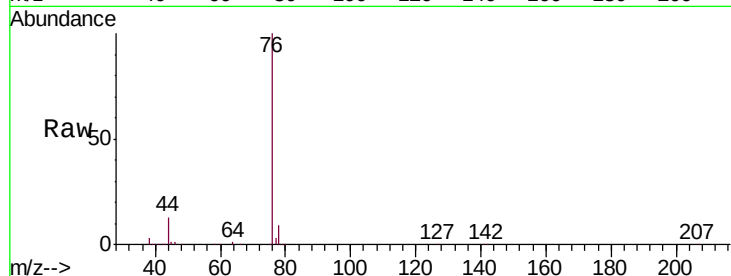
MW-7BSMS

Tot Ion: 76 Resp: 1165223

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050018.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN050018.D (-743) (-)

4.05

500000

400000

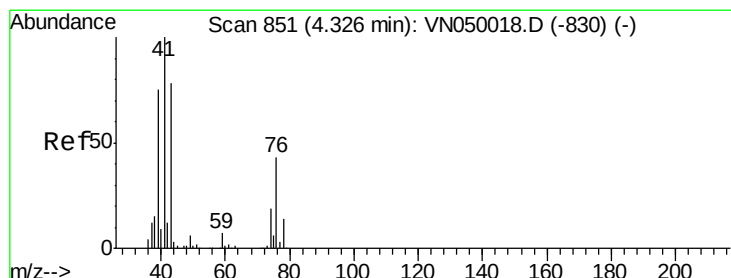
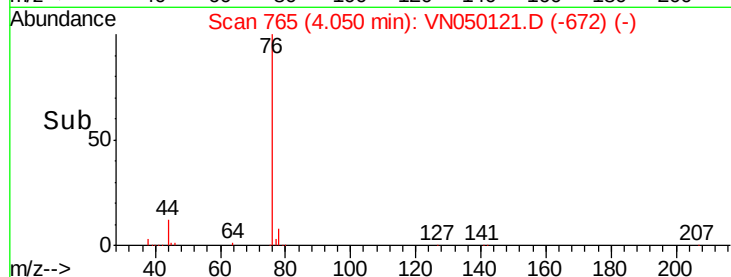
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 39.97 ug/l

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050121.D

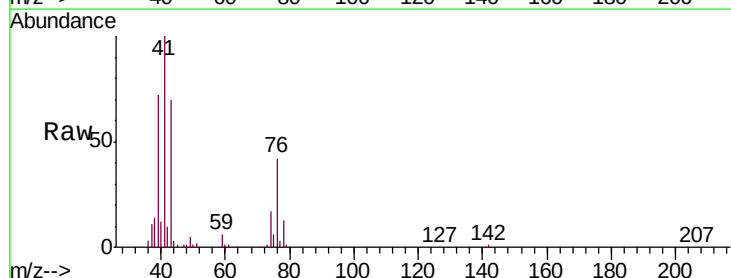
Acq: 27 Jul 2018 8:12

Tgt Ion: 43 Resp: 377251

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN050018.D (-830) (-)

4.33

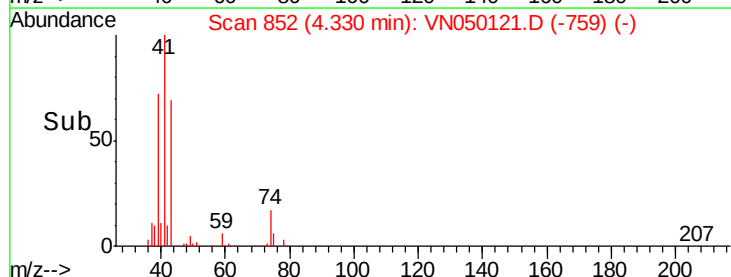
150000

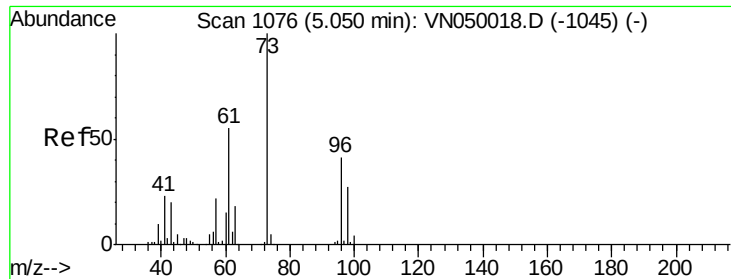
100000

50000

0

Time-->

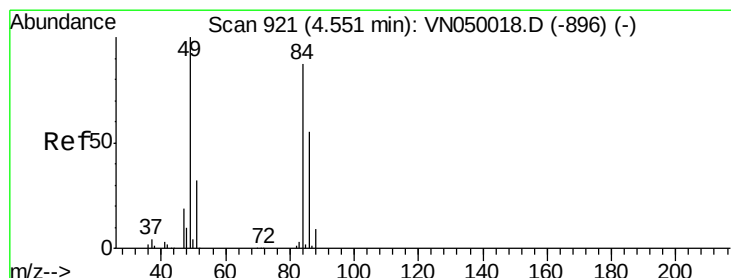
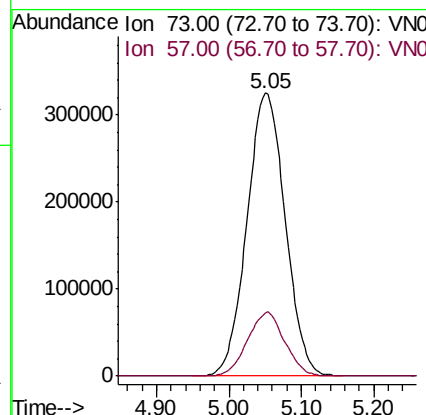
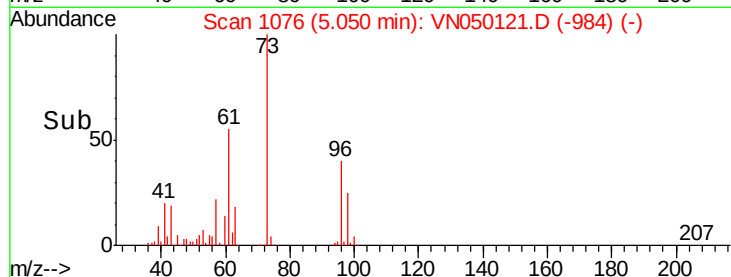
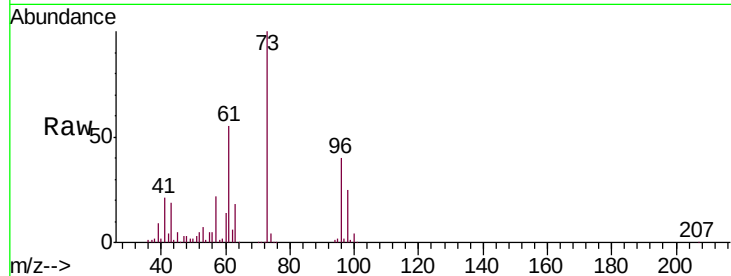




#19
Methvl tert-butvl Ether
Concen: 53.11 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

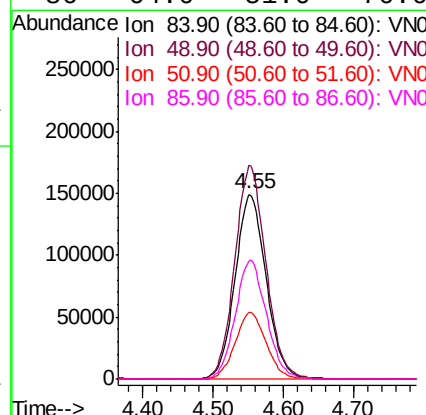
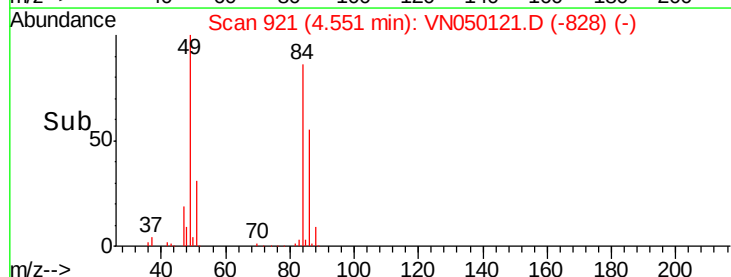
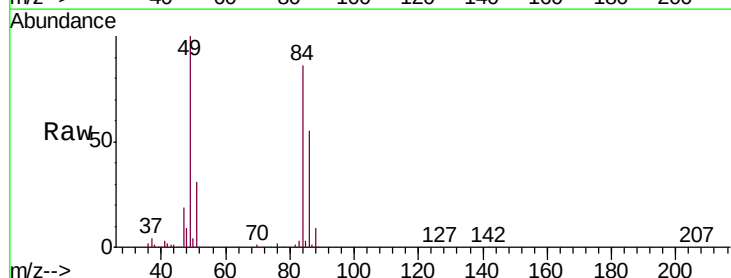
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

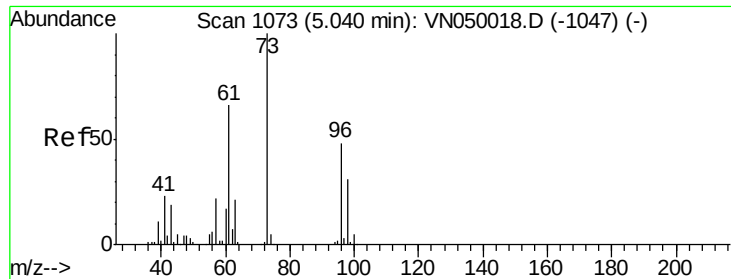
Tot Ion: 73 Resp: 1194755
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 50.75 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 84 Resp: 459690
Ion Ratio Lower Upper
84 100
49 115.7 94.8 142.2
51 36.3 28.3 42.5
86 64.0 51.0 76.6

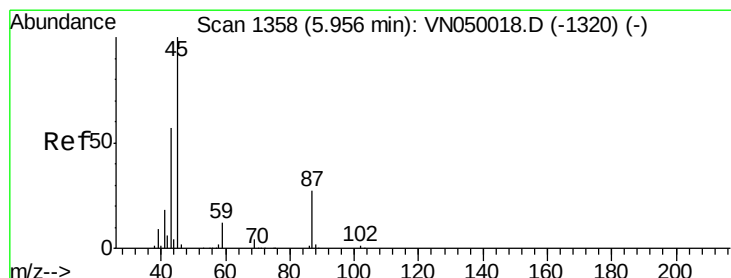
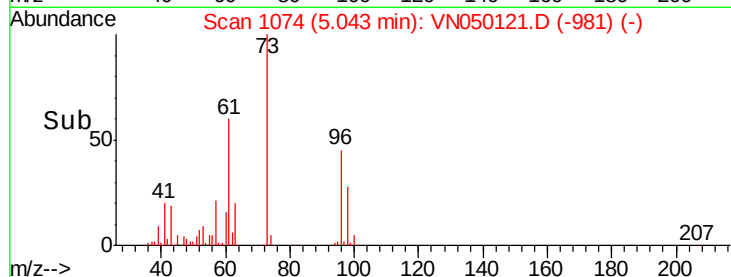
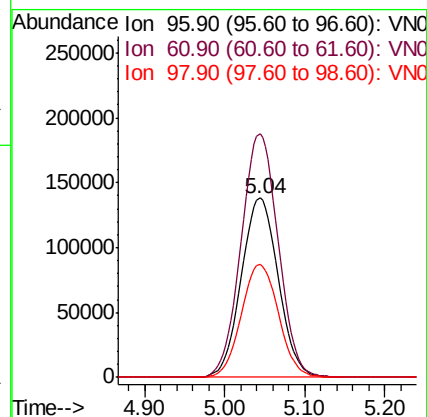
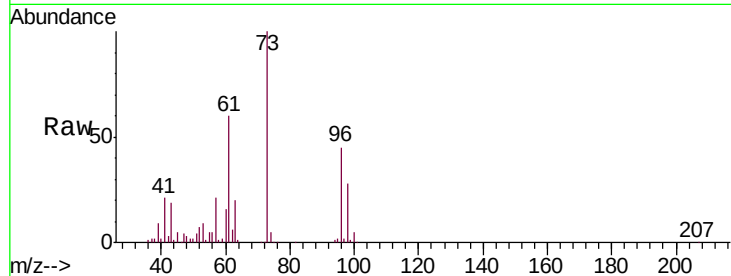




#21
trans-1,2-Dichloroethene
Concen: 48.62 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

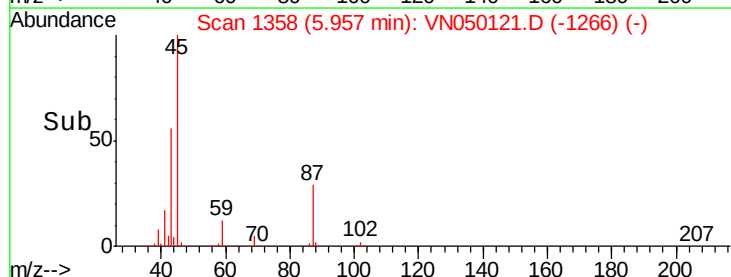
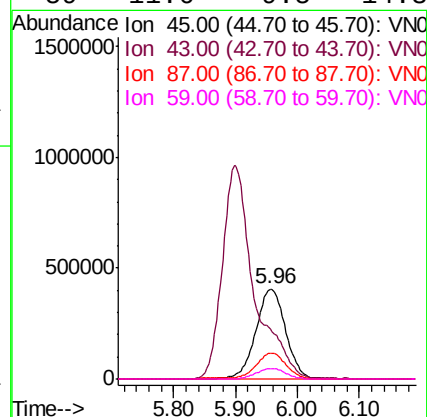
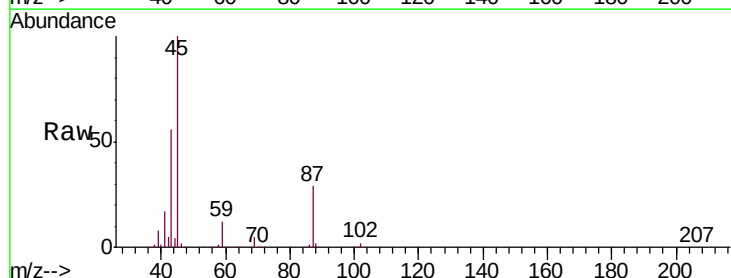
Instrument :
MSVOA_N
ClientSampled :
MW-7BSMS

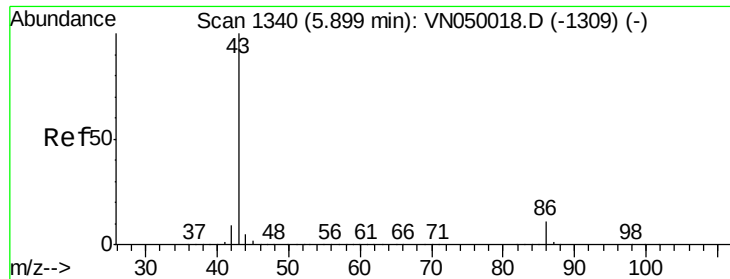
Tot Ion: 96 Resp: 434948
Ion Ratio Lower Upper
96 100
61 135.7 110.7 166.1
98 62.9 51.6 77.4



#22
Diisopropyl ether
Concen: 52.39 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 45 Resp: 1359887
Ion Ratio Lower Upper
45 100
43 55.5 45.7 68.5
87 28.5 22.7 34.1
59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 188.20 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

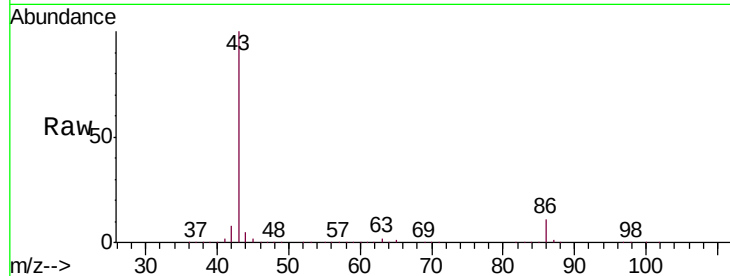
MW-7BSMS

Tot Ion: 43 Resp: 3451952

Ion Ratio Lower Upper

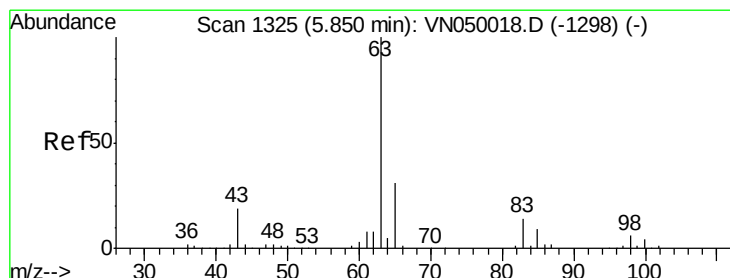
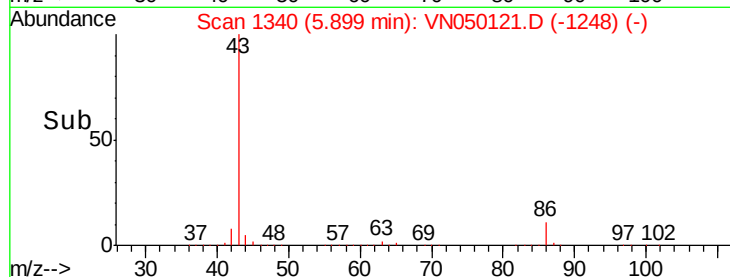
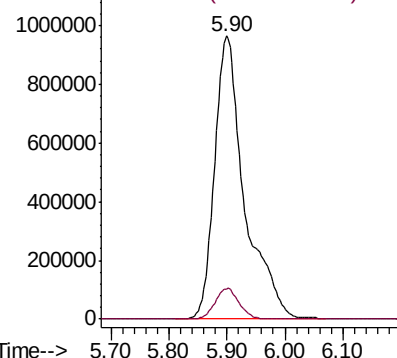
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.46 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

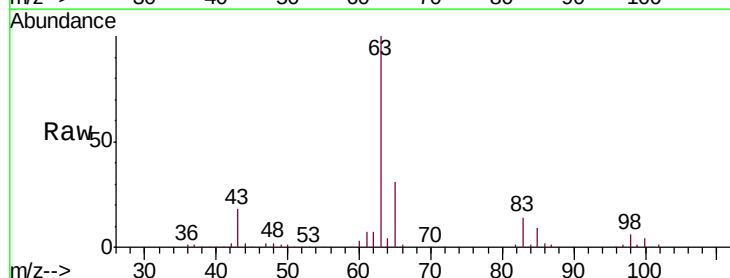
Tgt Ion: 63 Resp: 822541

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

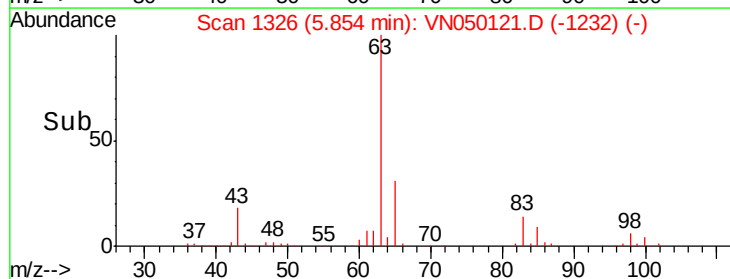
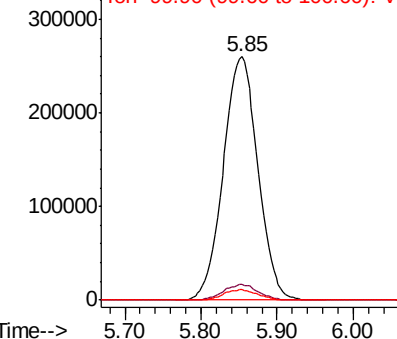
100 4.1 2.1 6.3

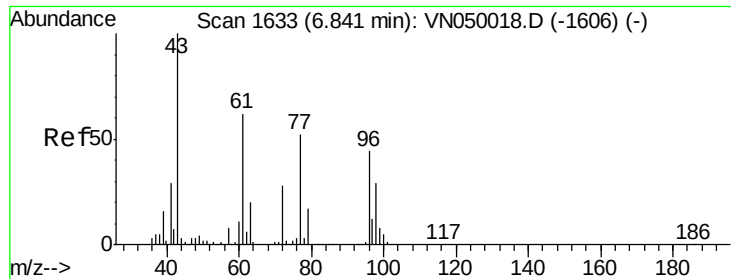


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

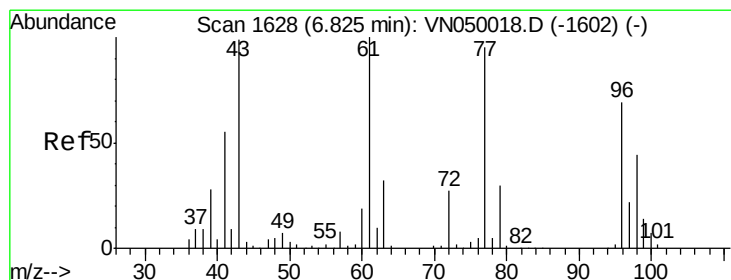
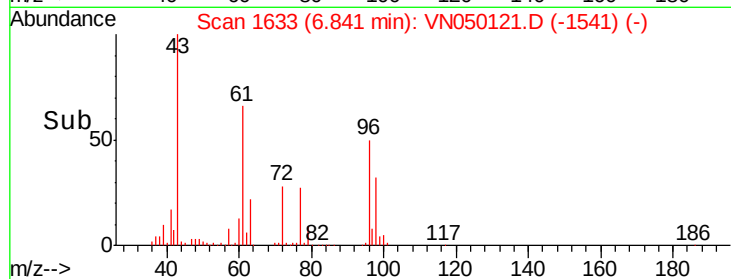
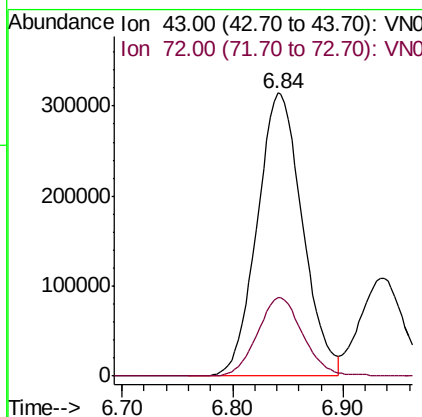
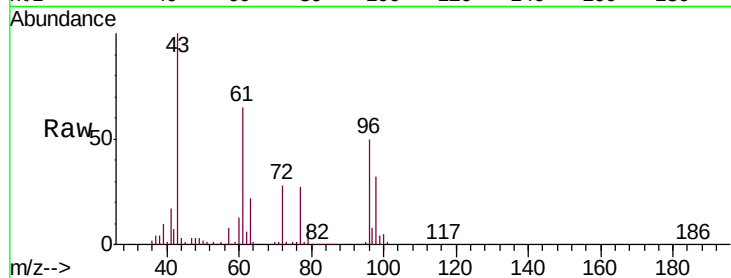




#25
2-Butanone
Concen: 229.31 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

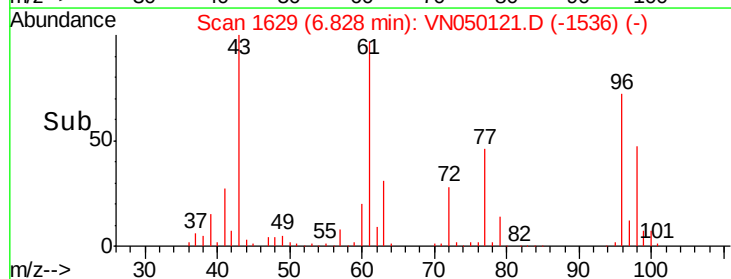
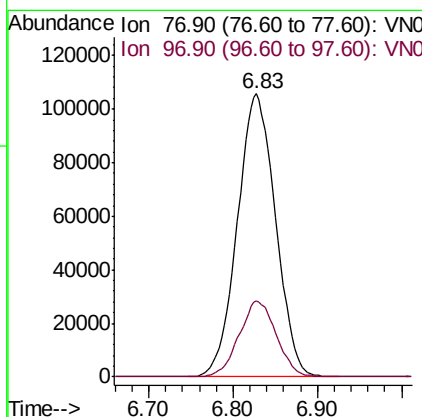
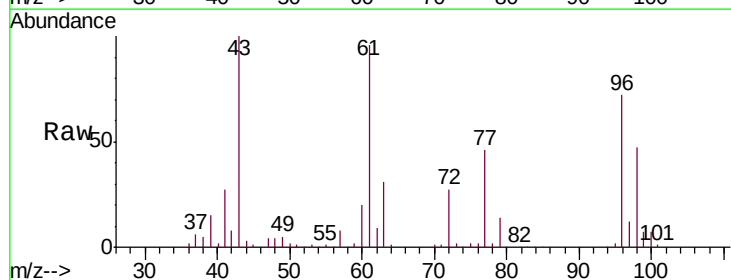
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

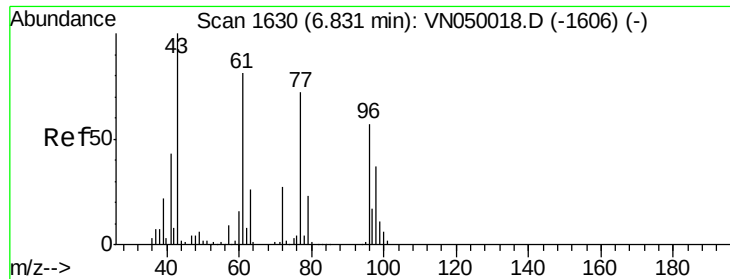
Tot Ion: 43 Resp: 893819
Ion Ratio Lower Upper
43 100
72 27.6 21.5 32.3



#26
2,2-Dichloropropane
Concen: 25.74 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 77 Resp: 332379
Ion Ratio Lower Upper
77 100
97 26.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.86 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampled :

MW-7BSMS

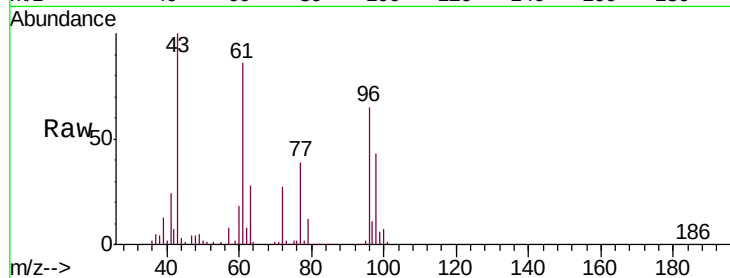
Tot Ion: 96 Resp: 499386

Ion Ratio Lower Upper

96 100

61 132.8 0.0 285.0

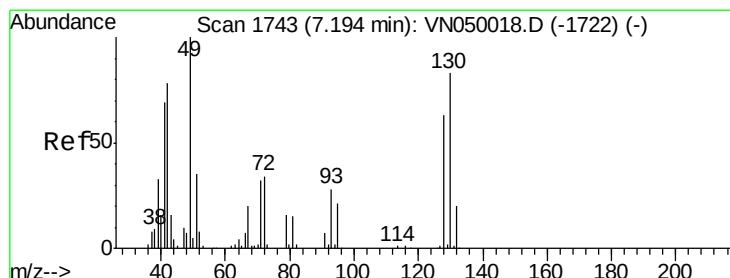
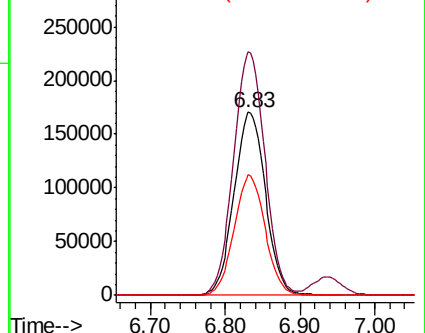
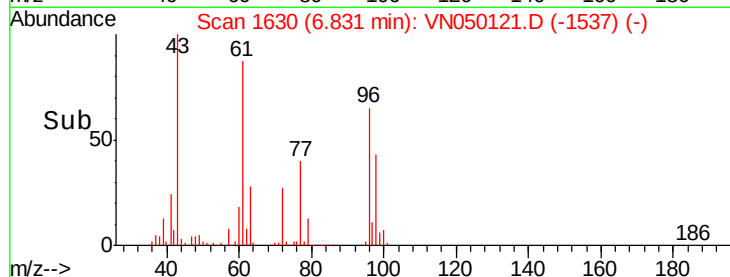
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.29 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

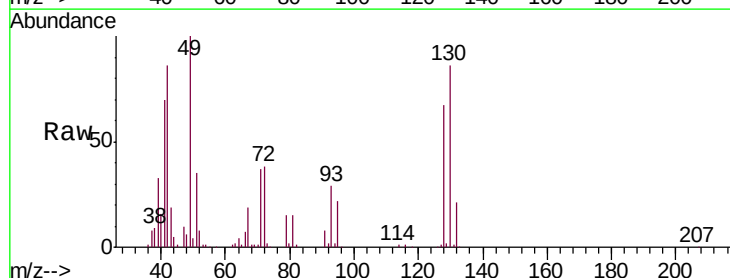
Tgt Ion: 49 Resp: 381578

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

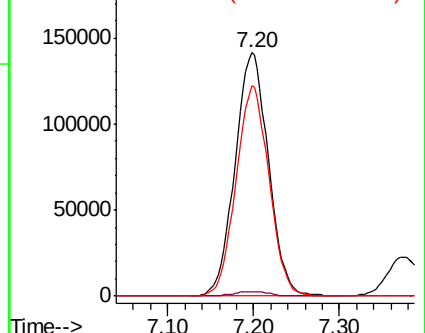
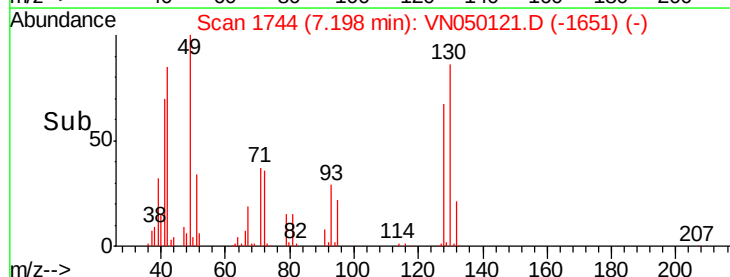
130 85.2 66.3 99.5

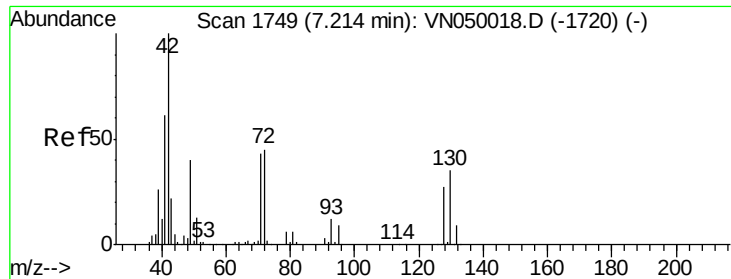


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 234.63 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampled :

MW-7BSMS

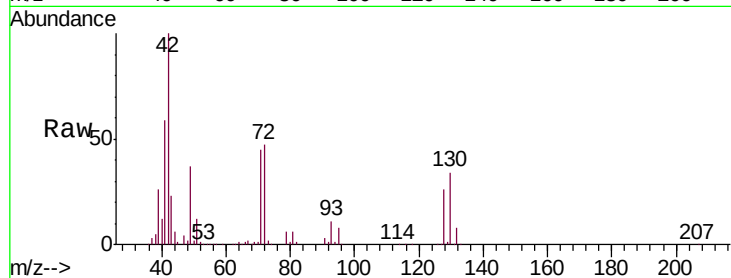
Tot Ion: 42 Resp: 590993

Ion Ratio Lower Upper

42 100

72 46.0 35.9 53.9

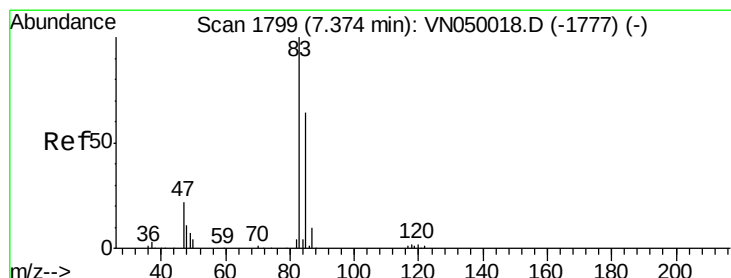
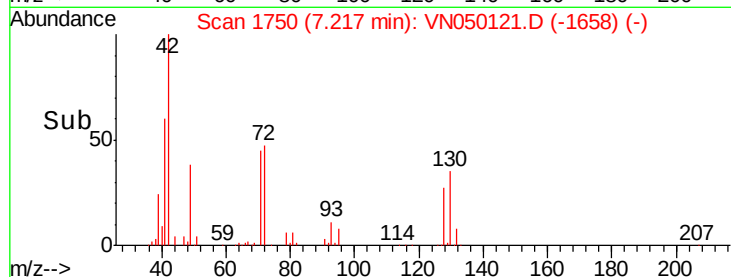
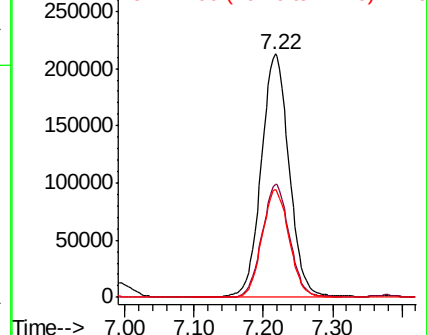
71 43.3 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.93 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050121.D

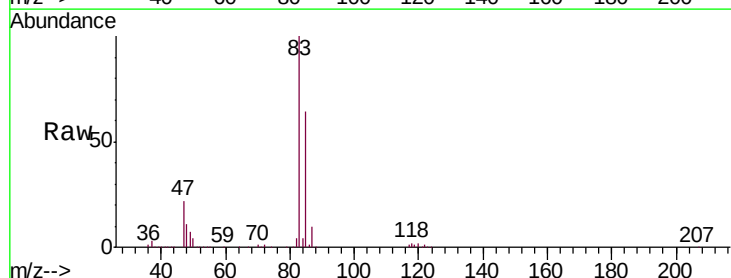
Acq: 27 Jul 2018 8:12

Tgt Ion: 83 Resp: 830148

Ion Ratio Lower Upper

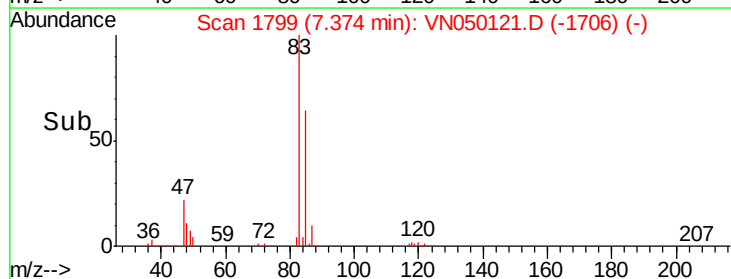
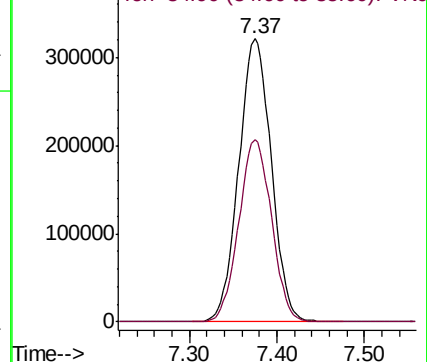
83 100

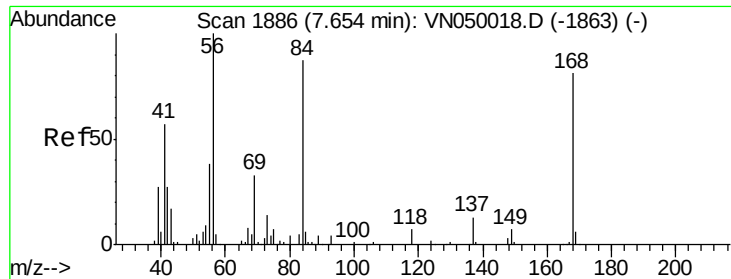
85 64.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

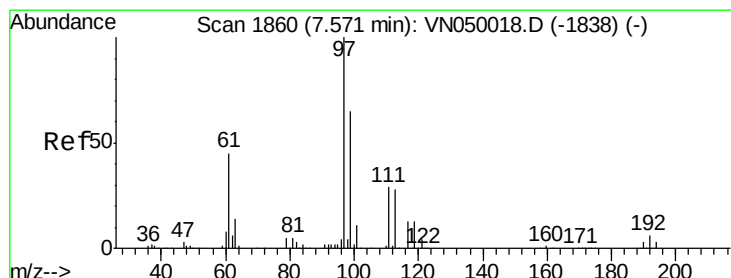
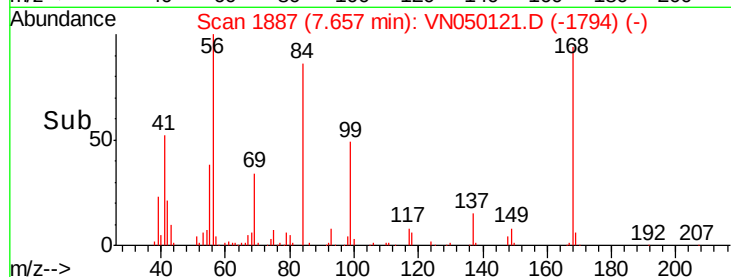
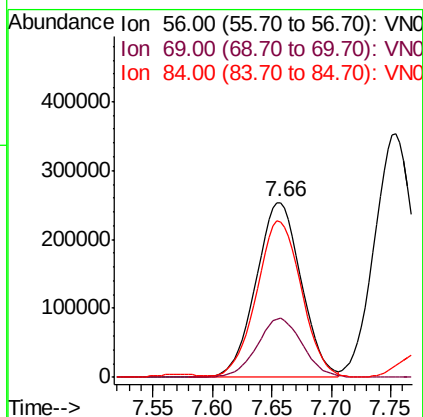
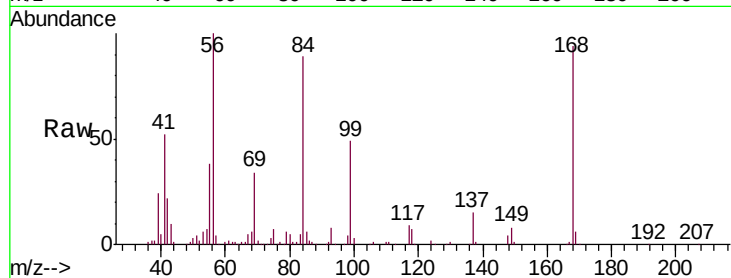




#31
Cyclohexane
Concen: 47.41 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

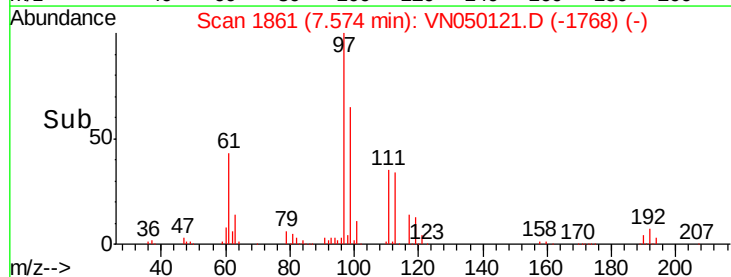
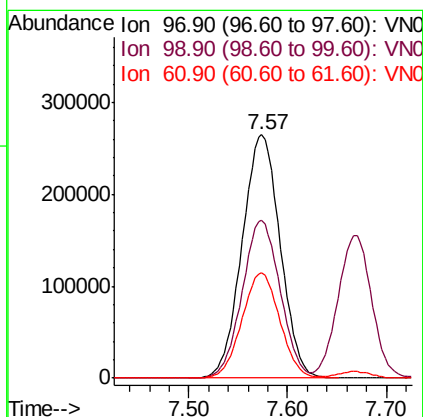
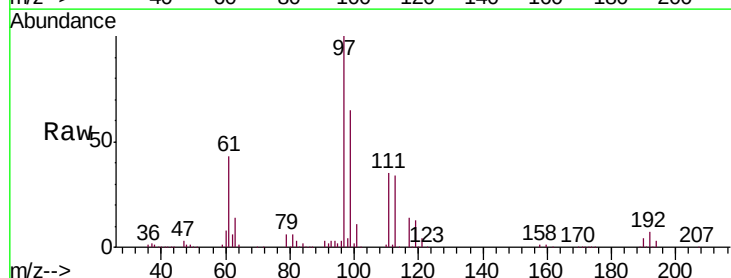
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

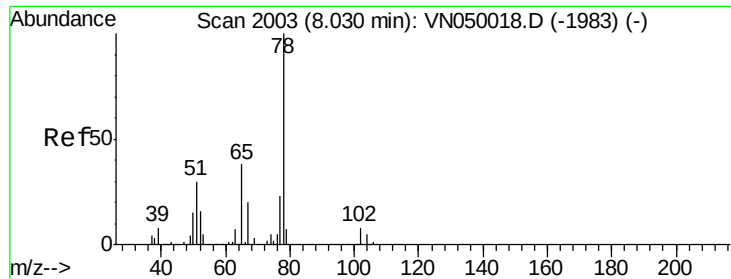
Tot Ion: 56 Resp: 667313
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.4
84 87.8 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 47.64 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 97 Resp: 705814
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 43.1 35.4 53.0

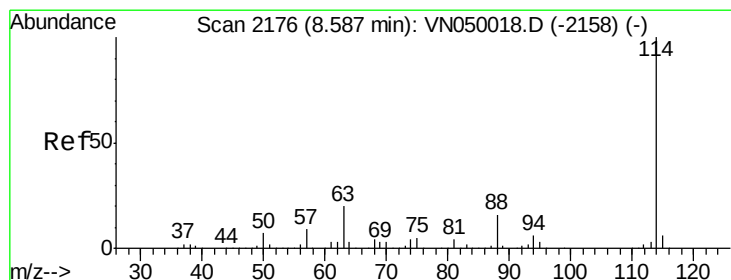
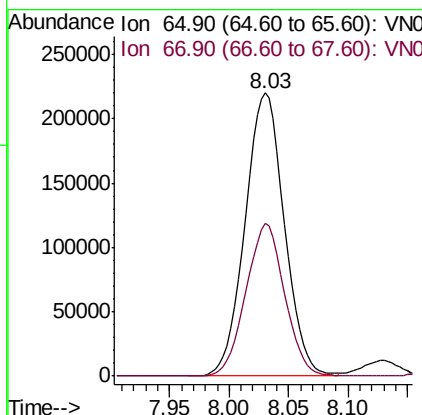
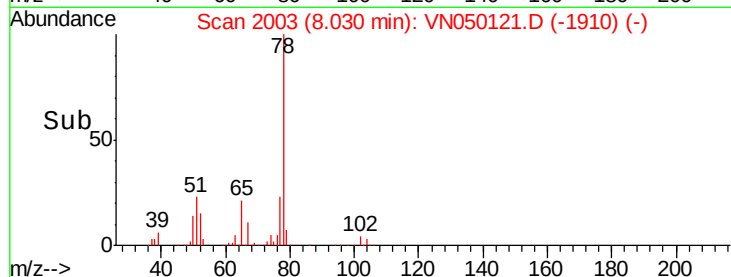
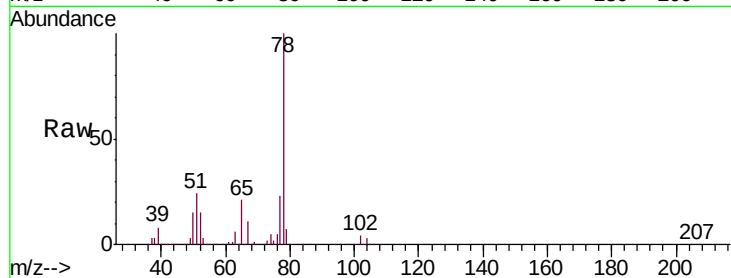




#33
 1,2-Dichloroethane-d4
 Concen: 49.20 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

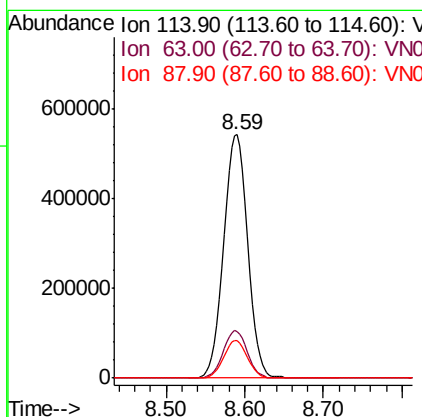
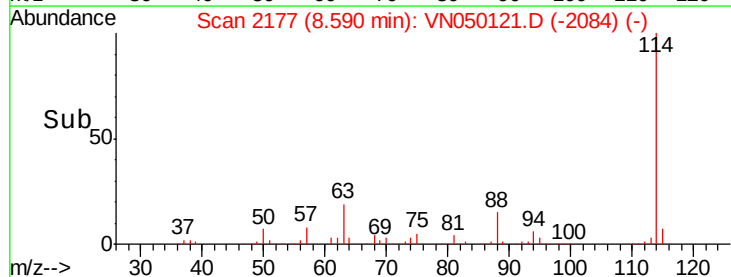
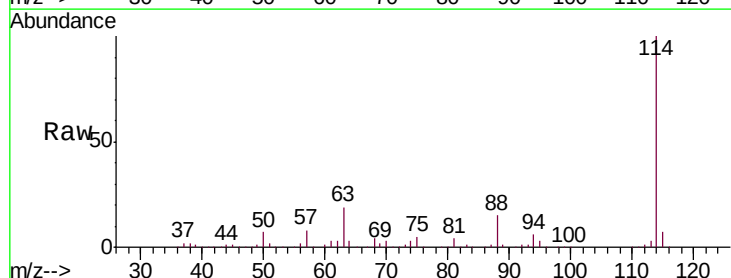
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

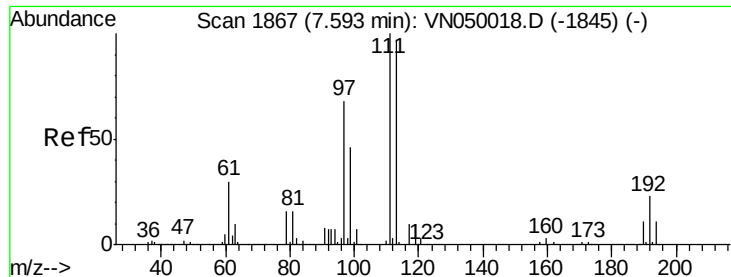
Tot Ion: 65 Resp: 502776
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion: 114 Resp: 1140138
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.4 0.0 31.2

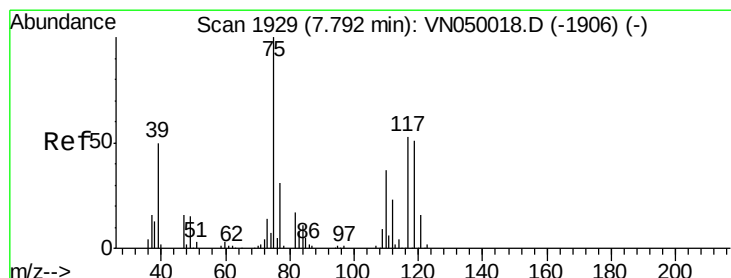
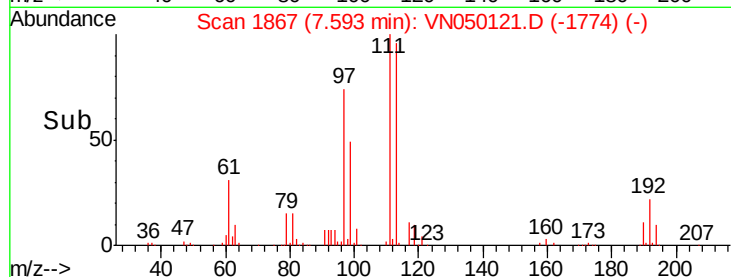
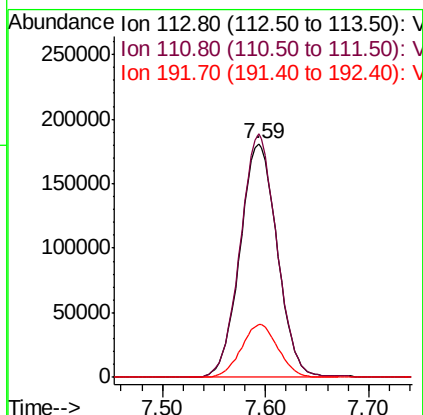
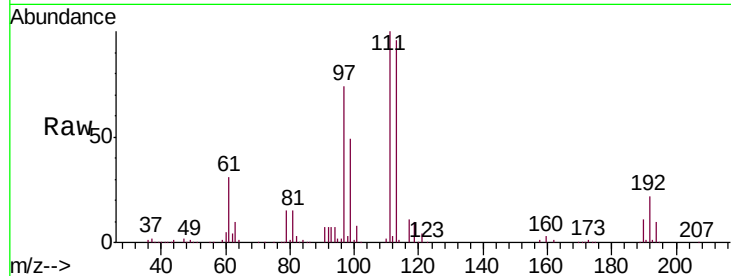




#35
 Dibromofluoromethane
 Concen: 48.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

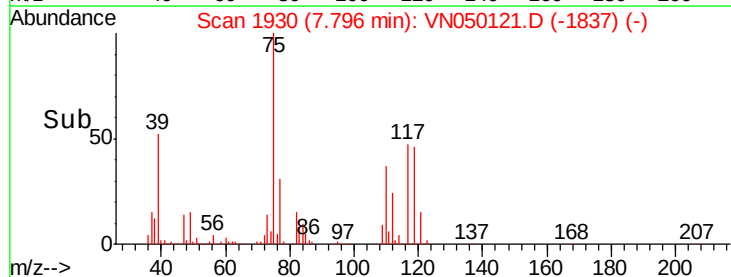
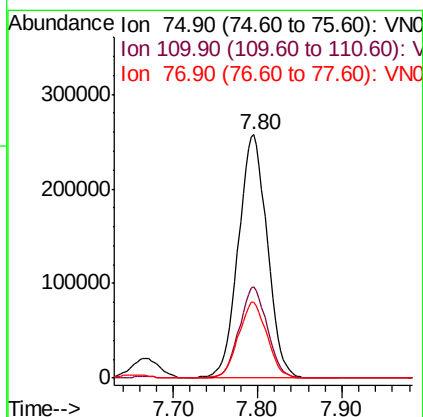
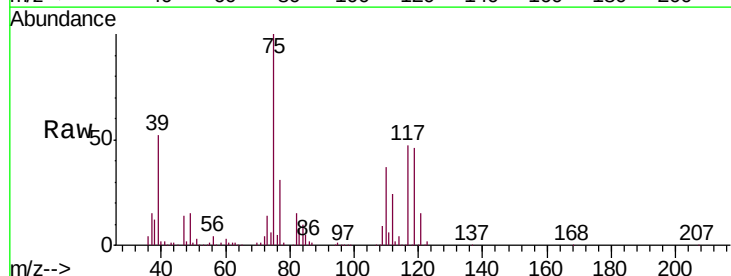
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

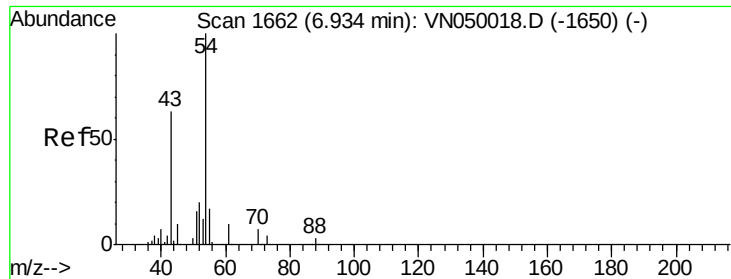
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	22.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 47.71 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.4	55.2
77	31.1	25.3	37.9

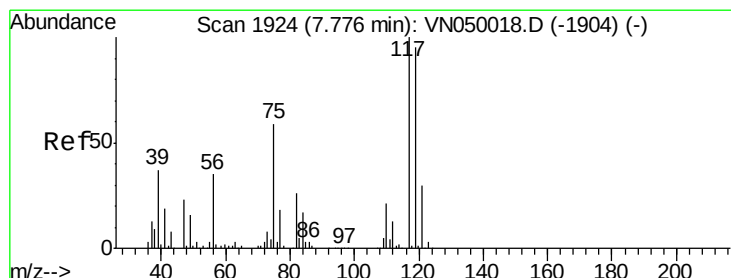
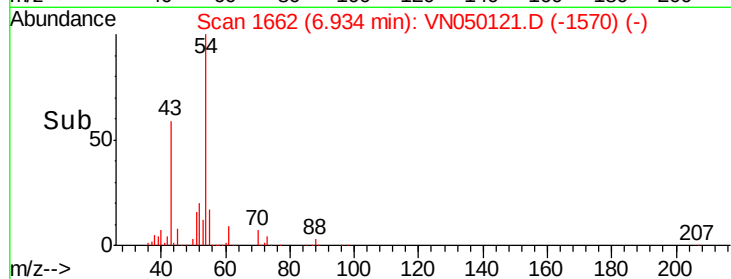
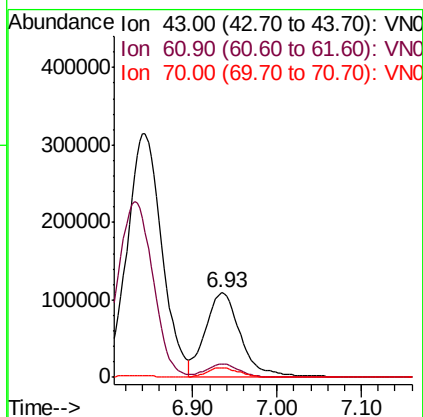
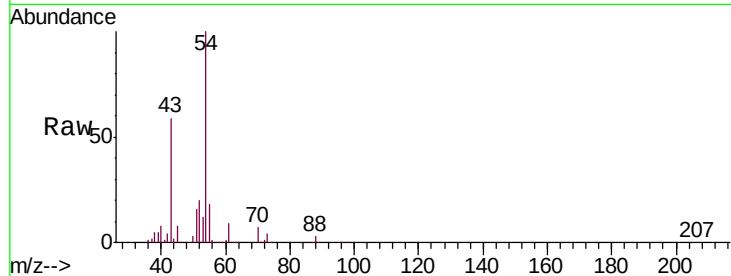




#37
Ethyl Acetate
Concen: 35.04 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

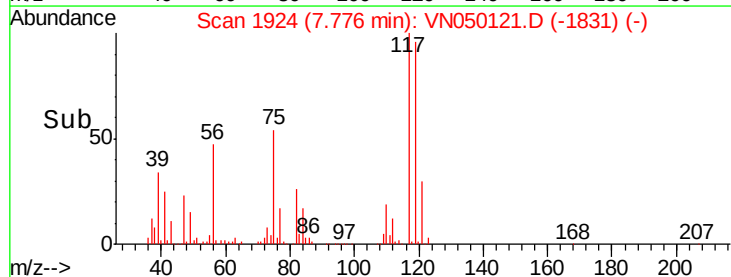
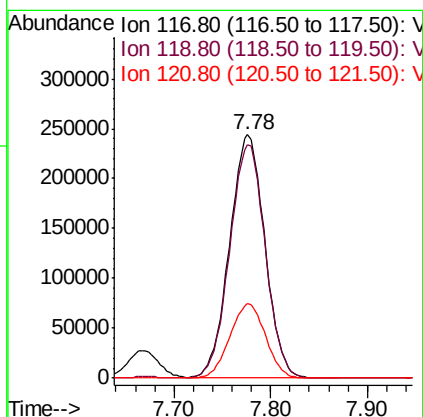
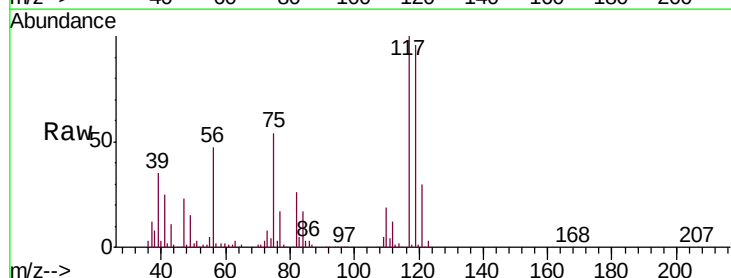
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

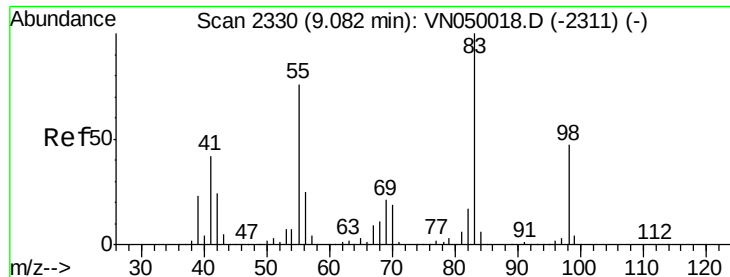
Tot Ion: 43 Resp: 313820
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 45.33 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 117 Resp: 617833
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 30.4 23.9 35.9

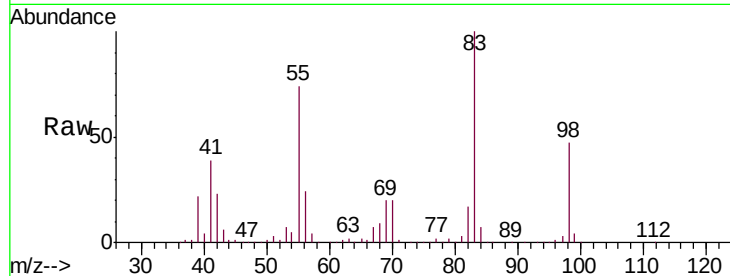




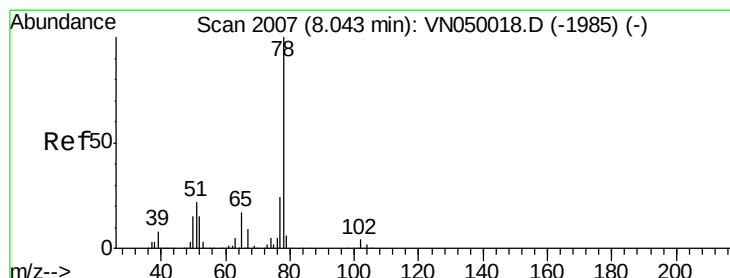
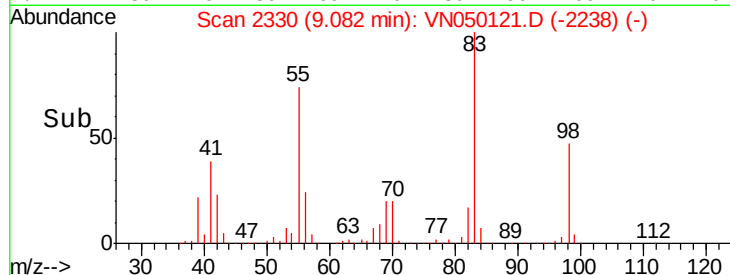
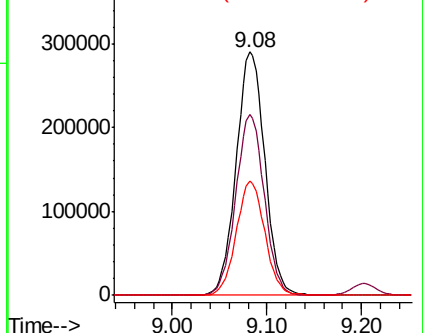
#39
Methylvlcyclohexane
Concen: 46.20 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Instrument :
MSVOA_N
ClientSampled :
MW-7BSMS

Tot Ion: 83 Resp: 610511
Ion Ratio Lower Upper
83 100
55 74.2 61.8 92.8
98 46.8 36.5 54.7

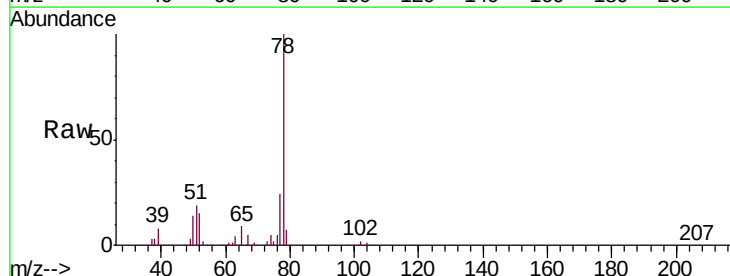


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

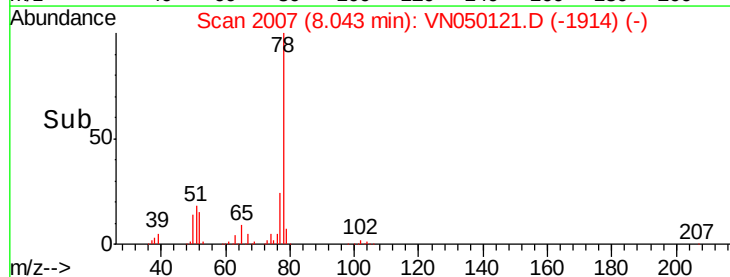
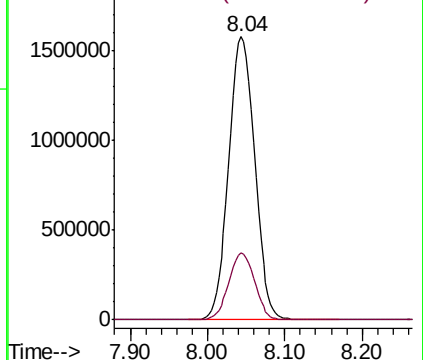


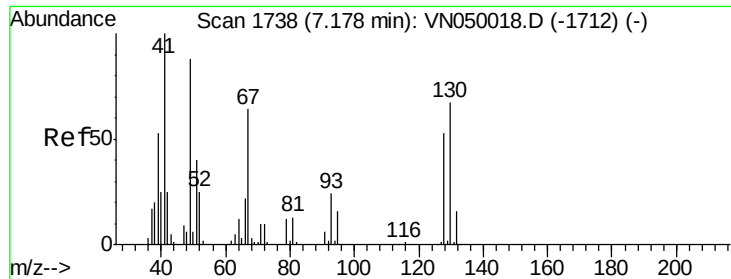
#40
Benzene
Concen: 93.82 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 78 Resp: 3667336
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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

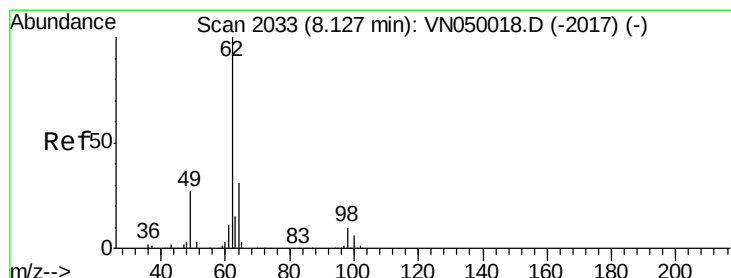
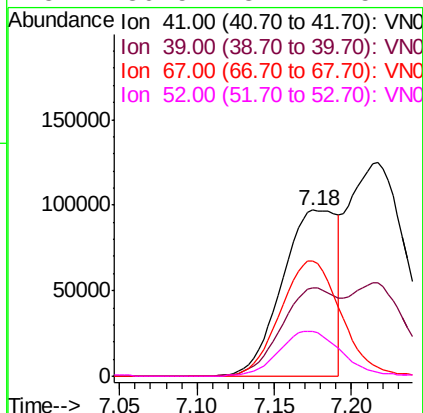
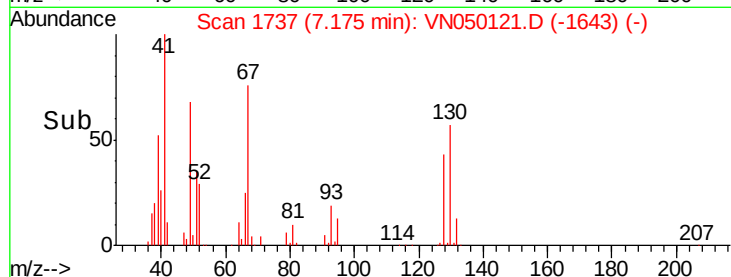
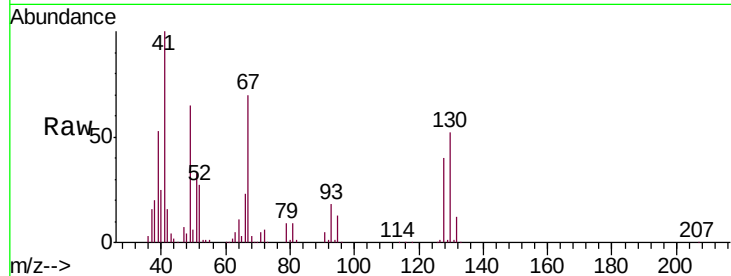




#41
Methacrylonitrile
Concen: 50.99 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

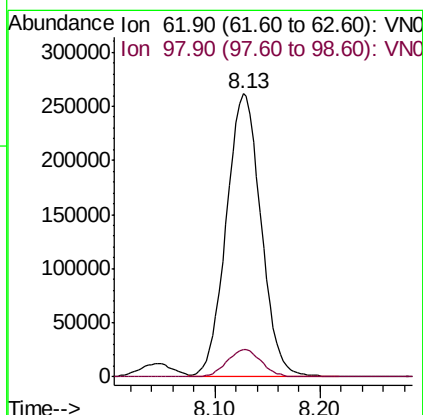
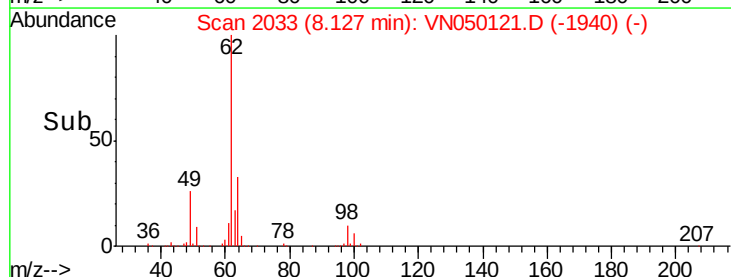
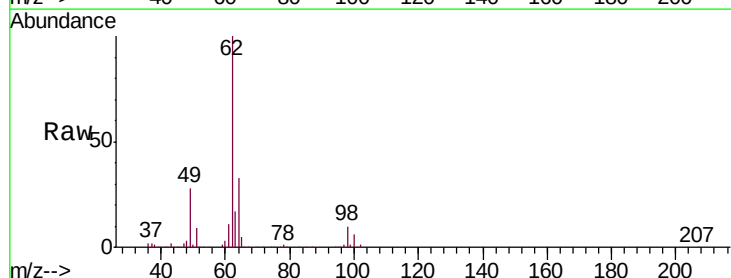
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

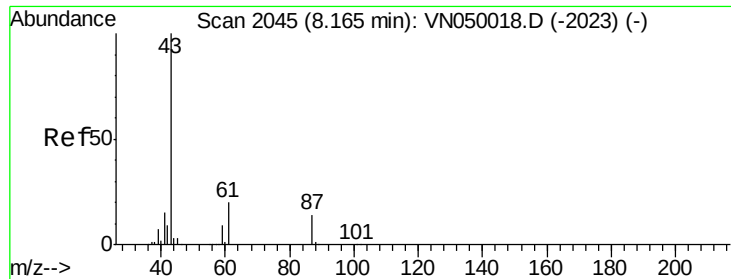
Tot Ion: 41 Resp: 238115
Ion Ratio Lower Upper
41 100
39 52.1 55.8 83.6#
67 77.4 84.3 126.5#
52 30.5 34.2 51.2#



#42
1,2-Dichloroethane
Concen: 45.48 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 62 Resp: 593114
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8





#43

Isopropyl Acetate

Concen: 40.91 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

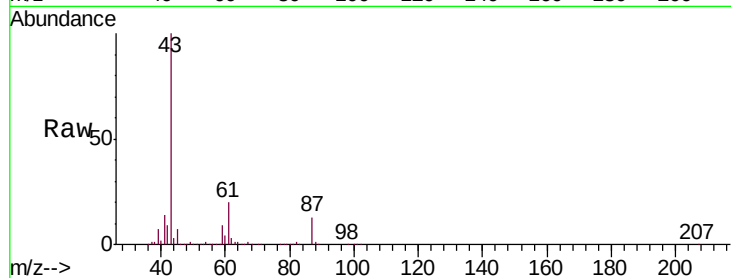
Tot Ion: 43 Resp: 693873

Ion Ratio Lower Upper

43 100

61 18.8 15.8 23.6

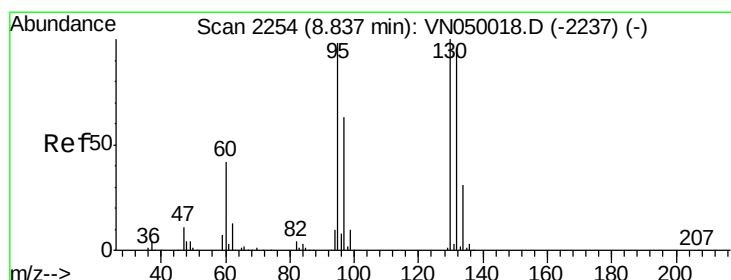
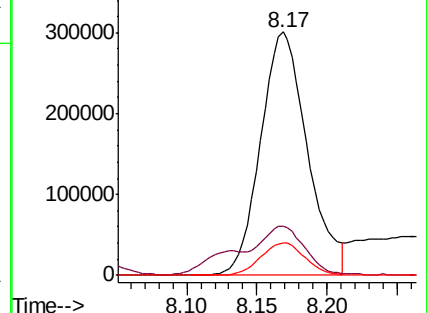
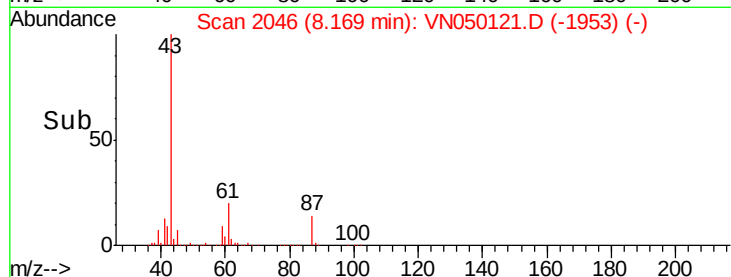
87 12.7 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)



#44

Trichloroethene

Concen: 47.22 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050121.D

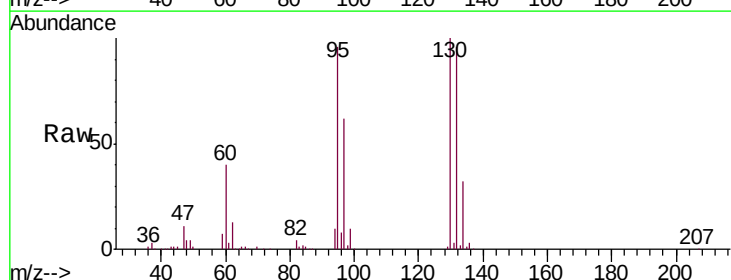
Acq: 27 Jul 2018 8:12

Tgt Ion:130 Resp: 495958

Ion Ratio Lower Upper

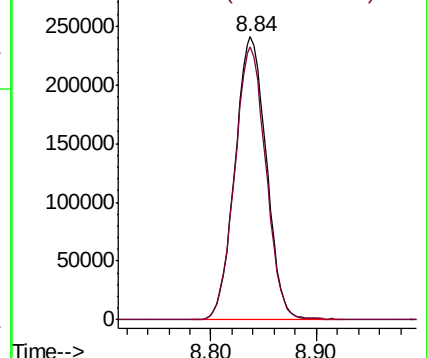
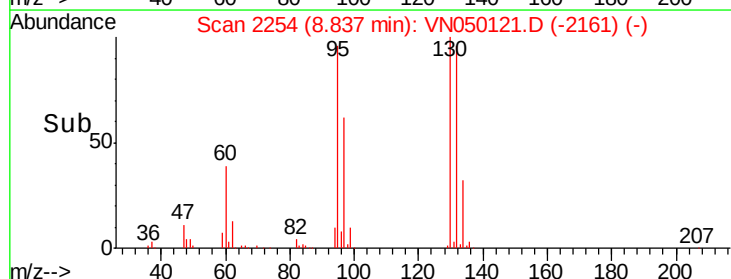
130 100

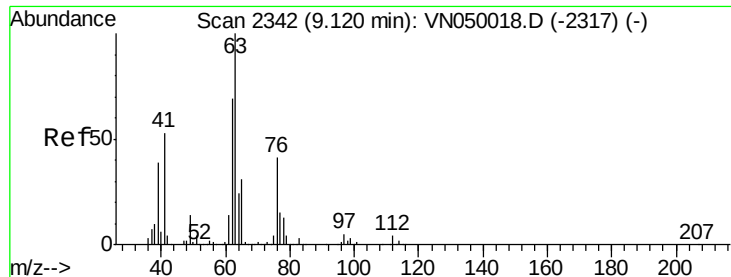
95 96.4 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050018.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050018.D (-2237) (-)





#45

1,2-Dichloropropane

Concen: 46.88 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampled :

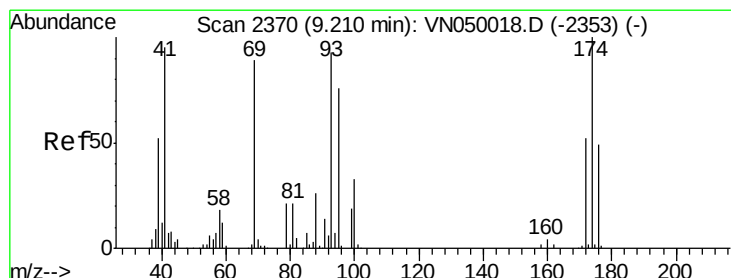
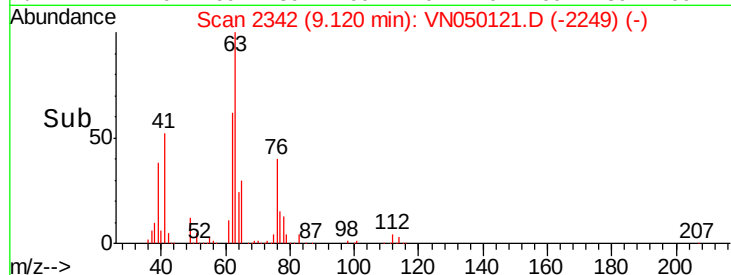
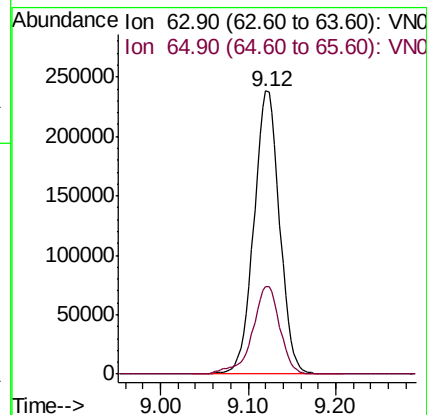
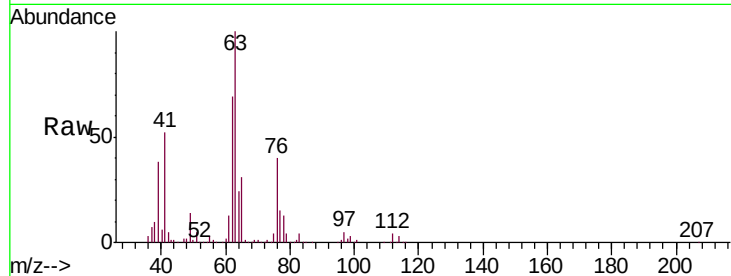
MW-7BSMS

Tot Ion: 63 Resp: 485362

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



#46

Dibromomethane

Concen: 46.12 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

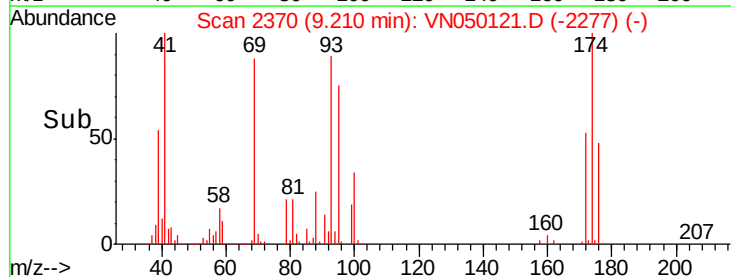
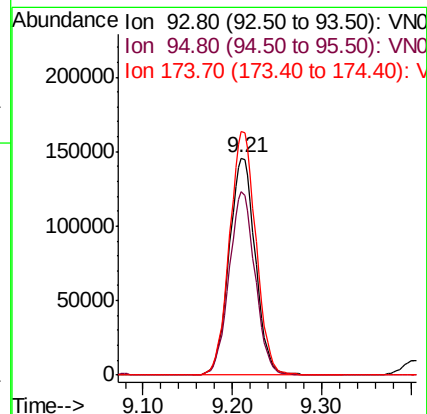
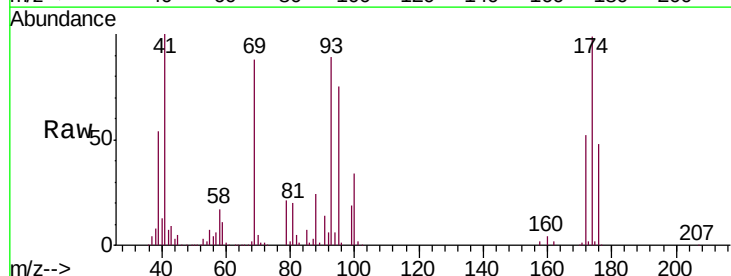
Tgt Ion: 93 Resp: 296455

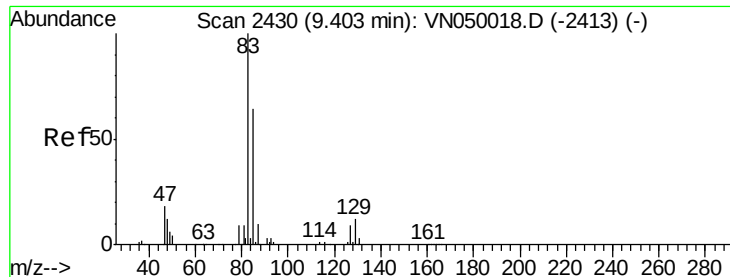
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 113.1 87.1 130.7





#47

Bromodichloromethane

Concen: 46.62 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

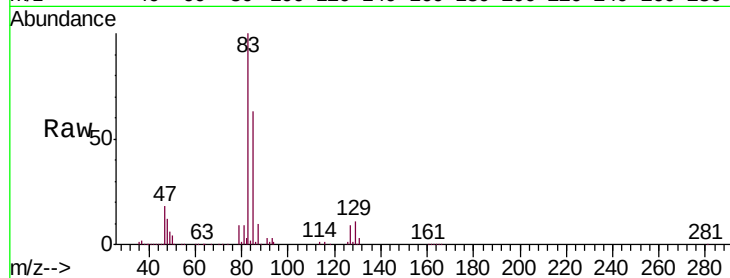
Tot Ion: 83 Resp: 632508

Ion Ratio Lower Upper

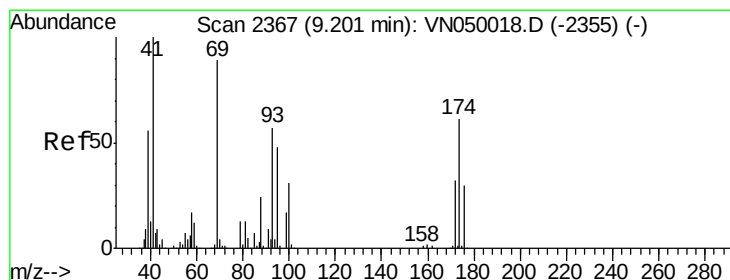
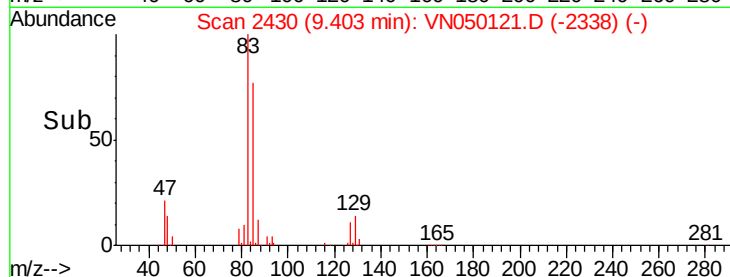
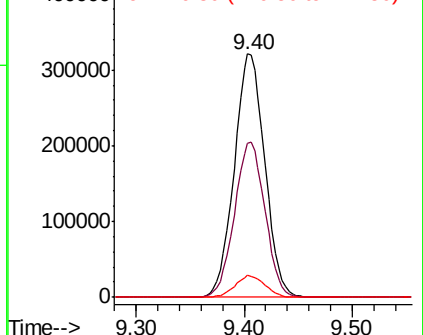
83 100

85 63.3 51.1 76.7

127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 48.69 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

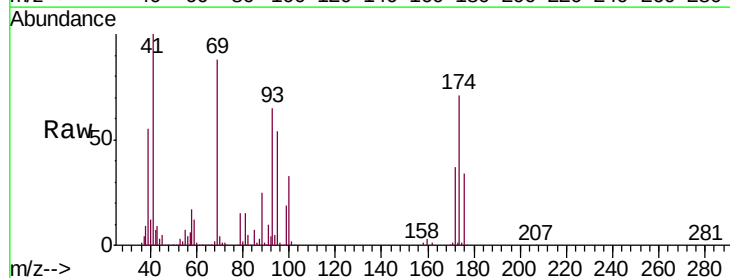
Tgt Ion: 41 Resp: 375574

Ion Ratio Lower Upper

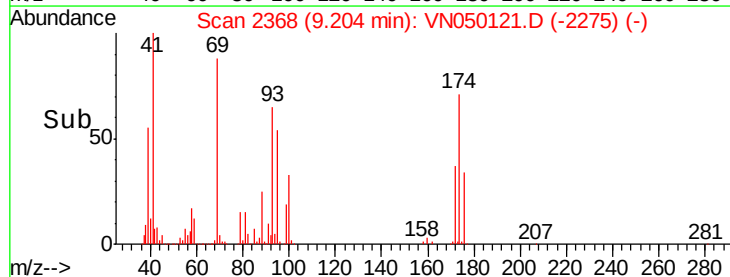
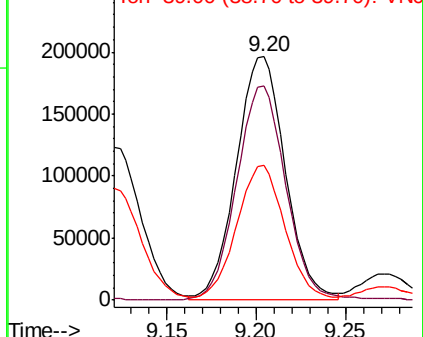
41 100

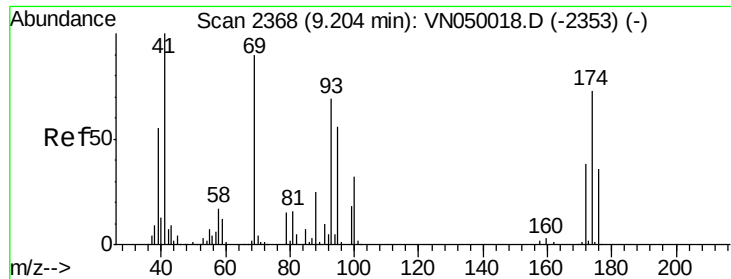
69 88.9 70.6 105.8

39 54.7 43.9 65.9



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





#49

1,4-Dioxane

Concen: 960.61 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampled :

MW-7BSMS

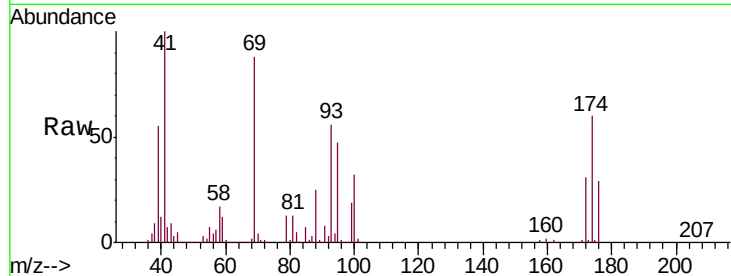
Tot Ion: 88 Resp: 100831

Ion Ratio Lower Upper

88 100

43 30.8 26.9 40.3

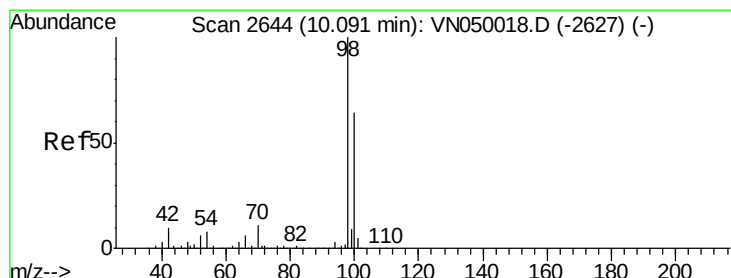
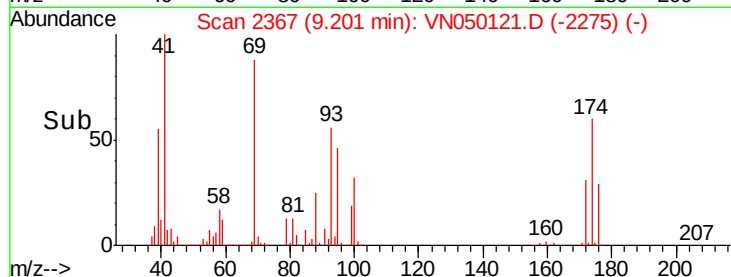
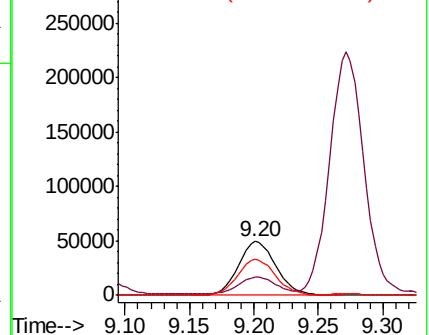
58 67.4 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.63 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050121.D

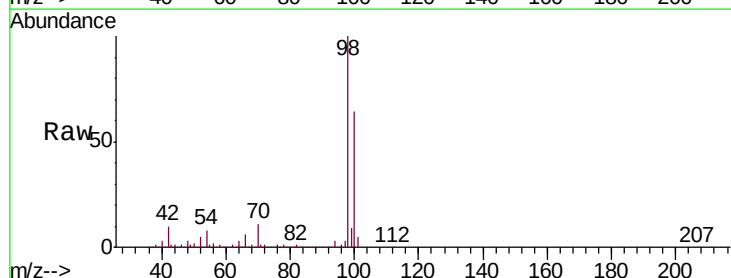
Acq: 27 Jul 2018 8:12

Tgt Ion: 98 Resp: 1664287

Ion Ratio Lower Upper

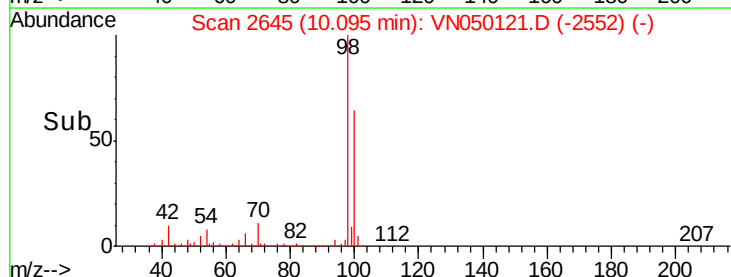
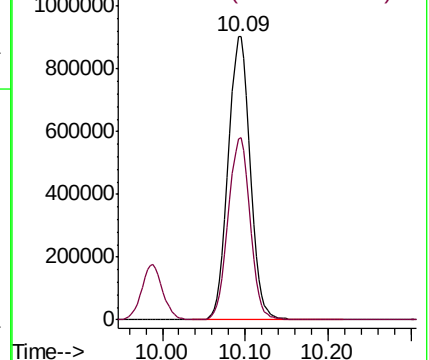
98 100

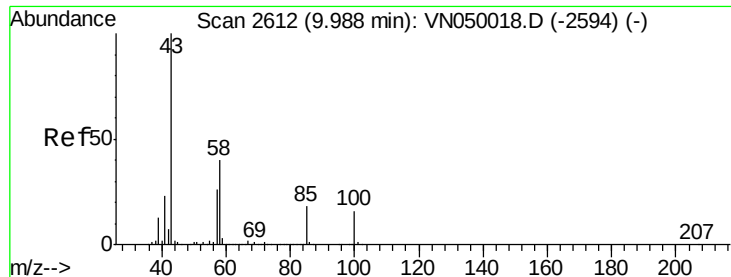
100 64.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

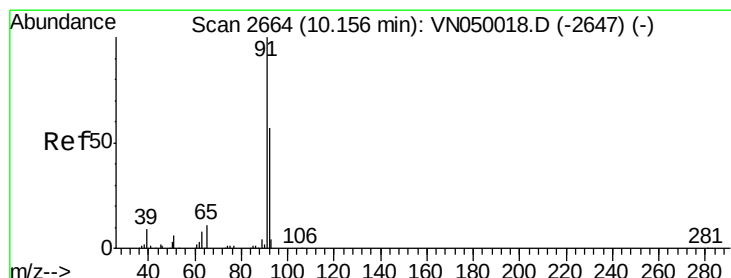
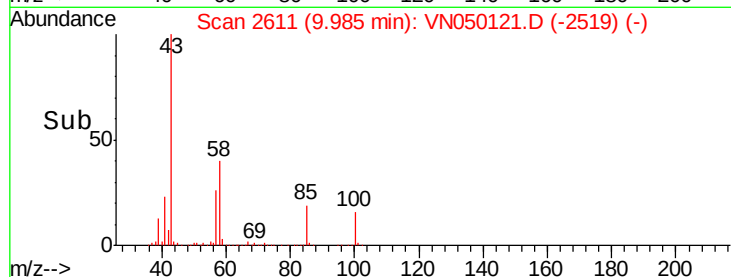
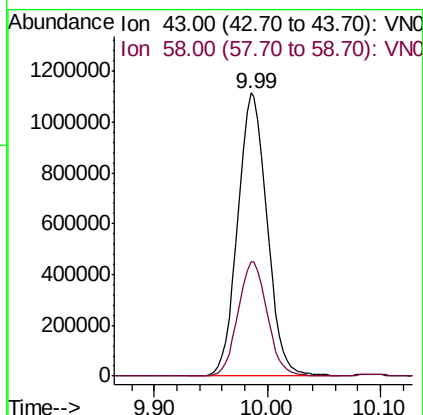
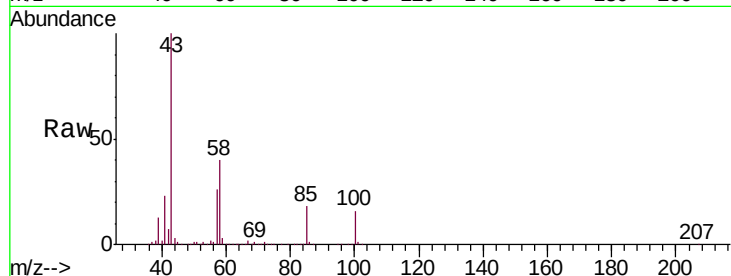




#51
 4-Methyl-2-Pentanone
 Concen: 228.45 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

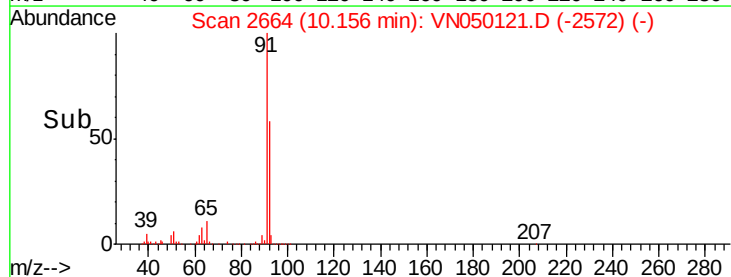
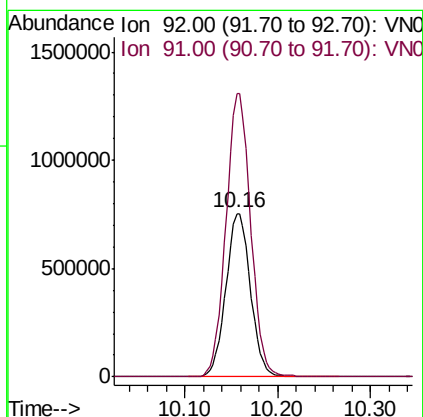
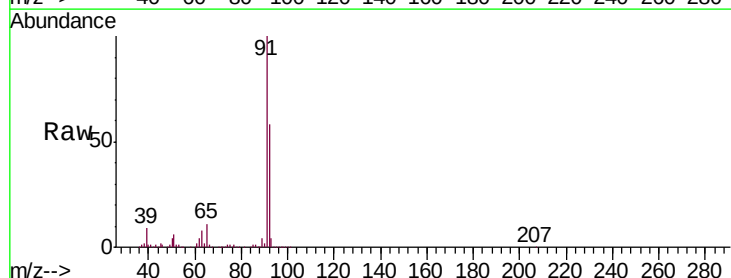
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BSMS

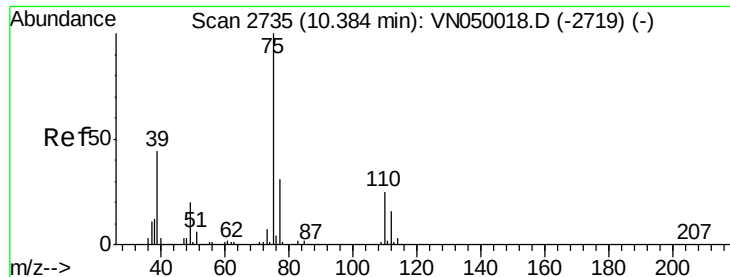
Tot Ion: 43 Resp: 2011295
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.9 47.9



#52
 Toluene
 Concen: 60.08 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion: 92 Resp: 1386329
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 45.14 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

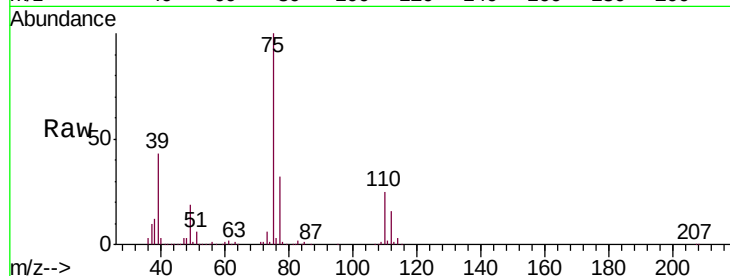
MW-7BSMS

Tot Ion: 75 Resp: 577947

Ion Ratio Lower Upper

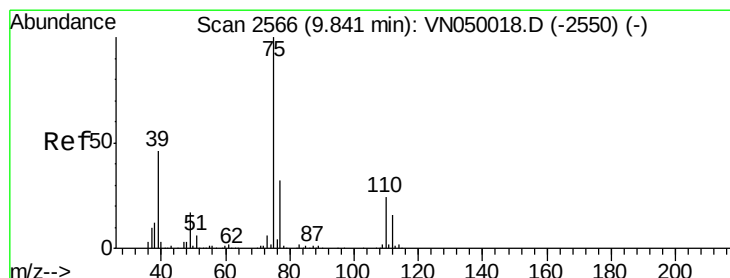
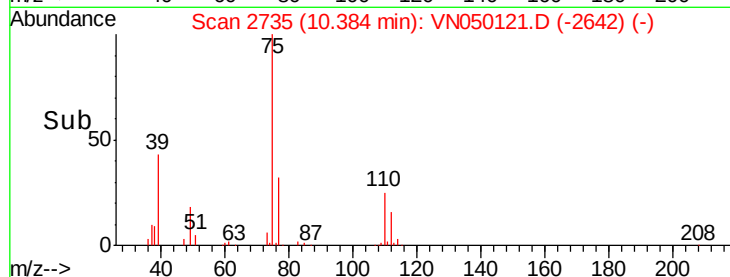
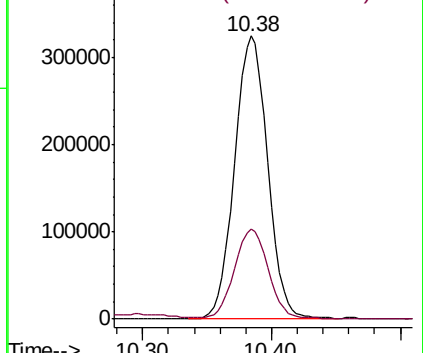
75 100

77 31.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 44.72 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

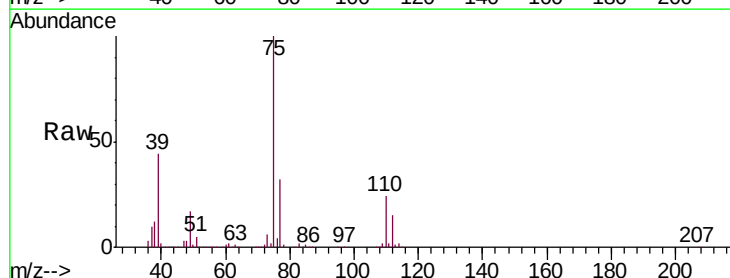
Tgt Ion: 75 Resp: 654396

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

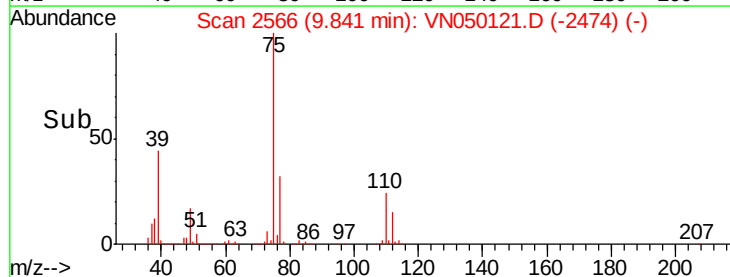
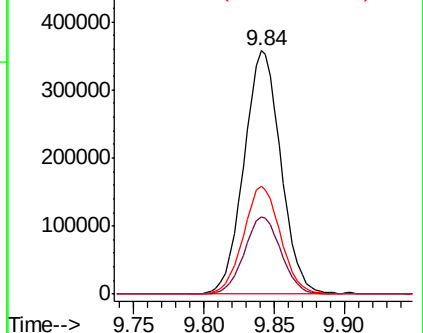
39 44.2 36.6 55.0

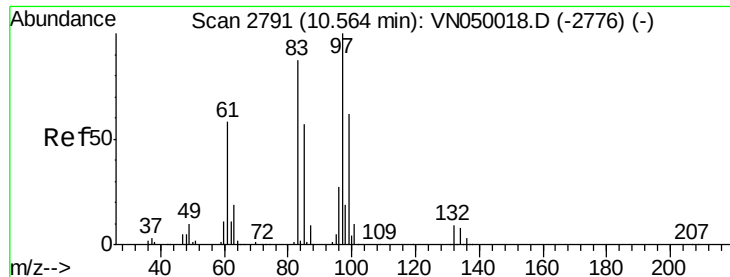


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

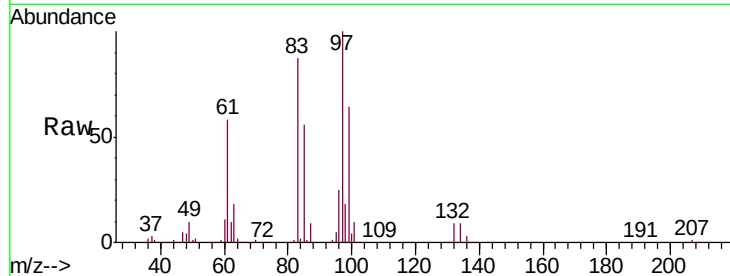




#55
 1,1,2-Trichloroethane
 Concen: 46.85 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BSMS

Tot Ion	97	Resp	428759
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.2	103.8
85	56.3	44.0	66.0
99	63.9	49.9	74.9



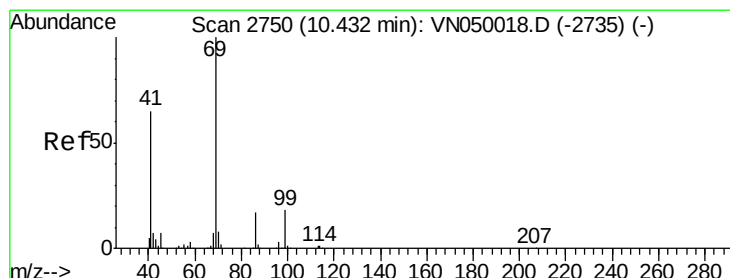
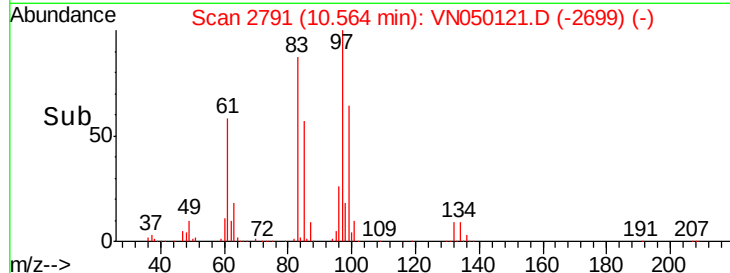
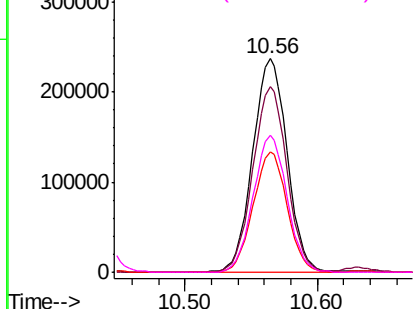
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

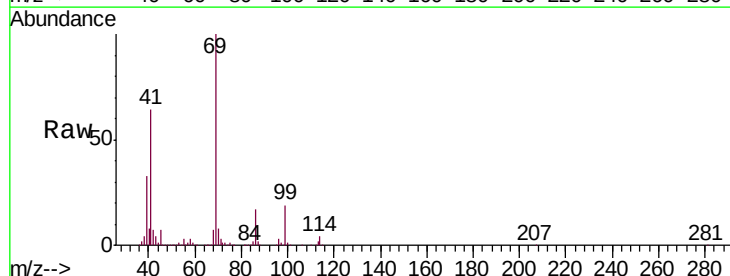
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 45.50 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion	69	Resp	561759
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.0	76.4
39	31.9	26.6	40.0

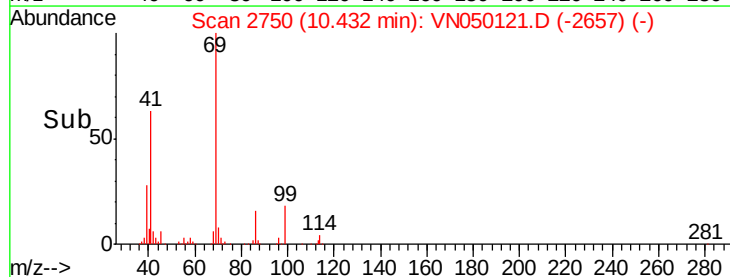
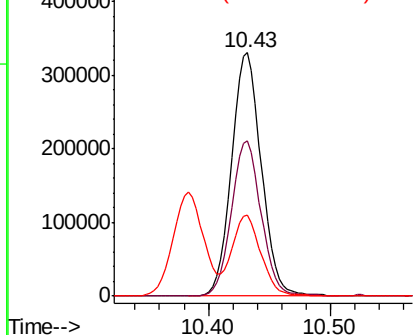


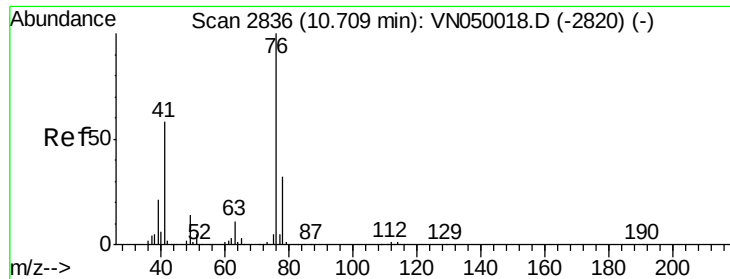
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 48.00 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampled :

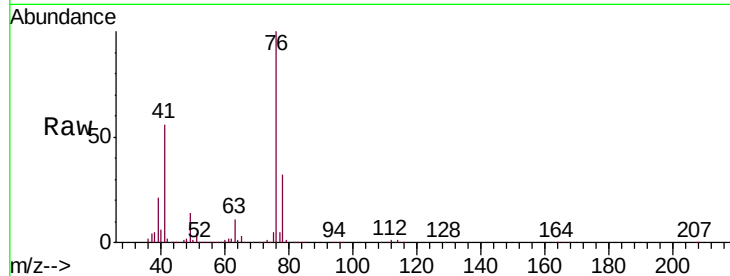
MW-7BSMS

Tot Ion: 76 Resp: 715271

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

400000

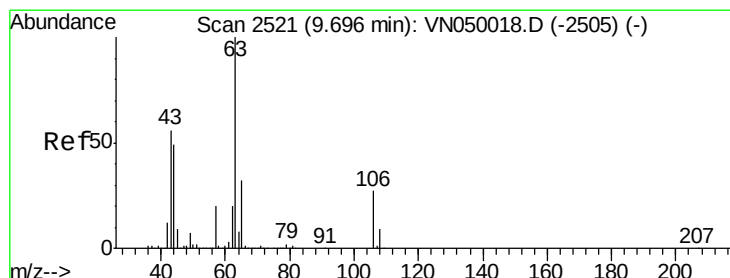
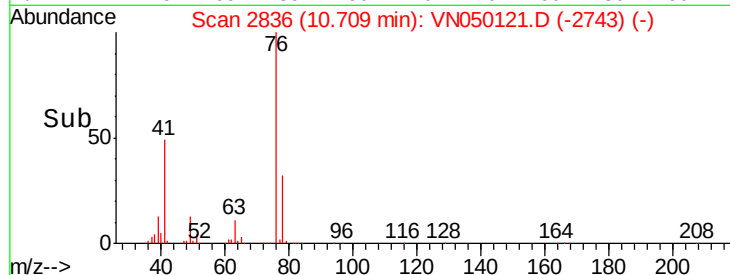
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 8.59 ug/l

RT: 9.71 min Scan# 2526

Delta R.T. 0.01 min

Lab File: VN050121.D

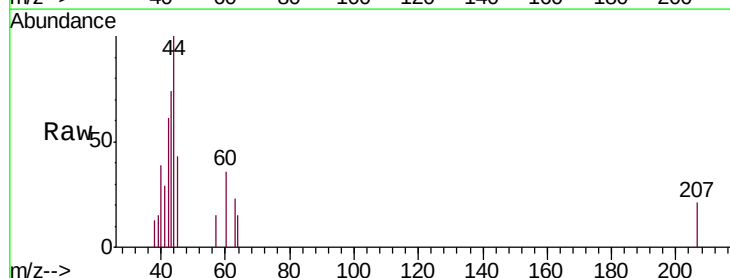
Acq: 27 Jul 2018 8:12

Tgt Ion: 63 Resp: 393

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.71

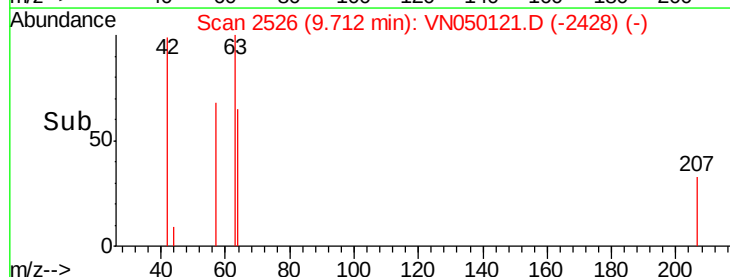
300

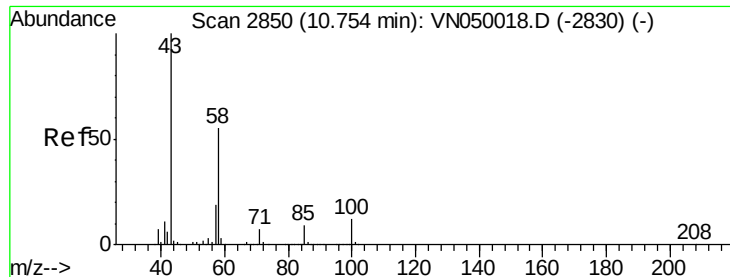
200

100

0

Time-->

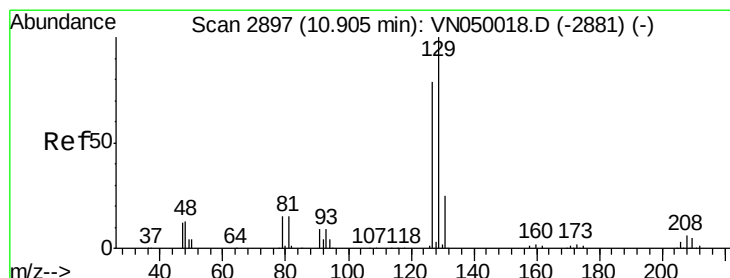
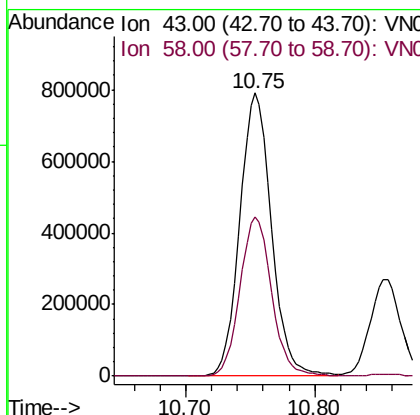
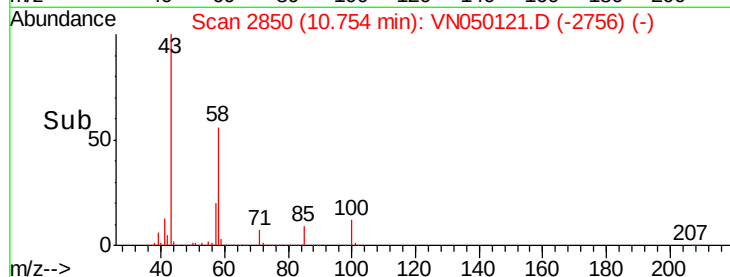
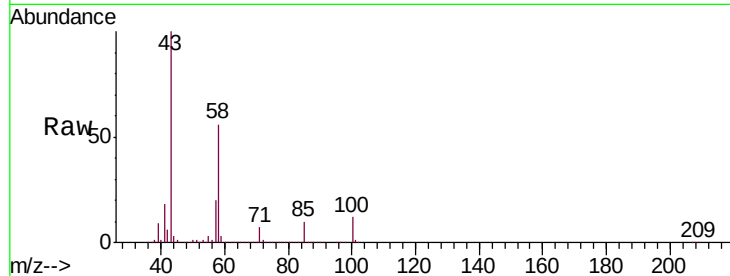




#59
2-Hexanone
Concen: 208.97 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

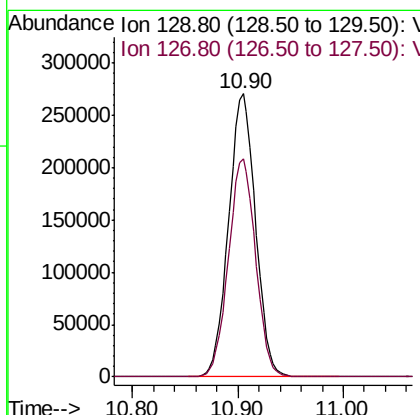
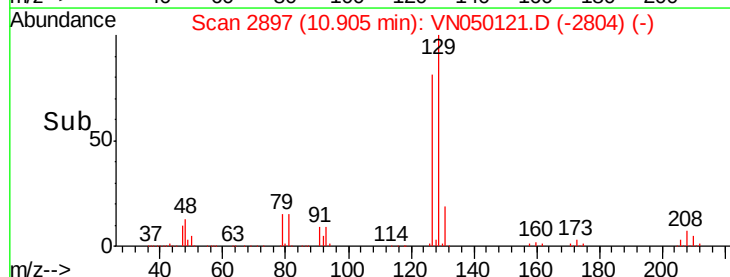
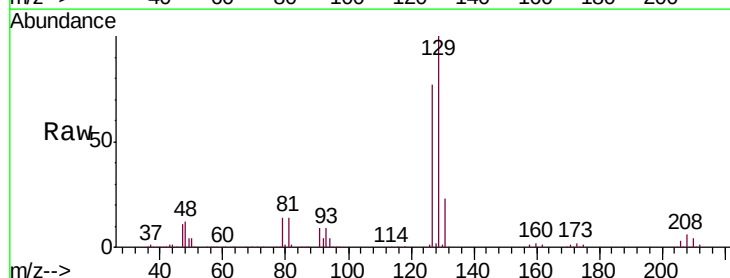
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

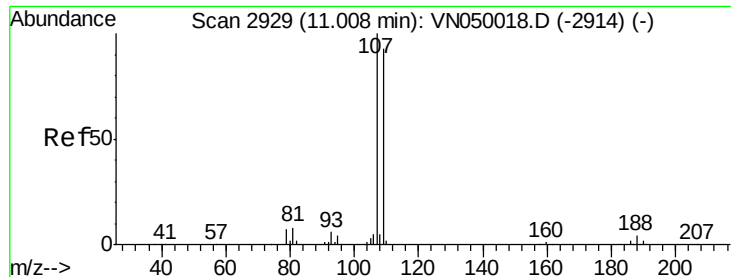
Tot Ion: 43 Resp: 1346258
Ion Ratio Lower Upper
43 100
58 56.4 27.6 82.7



#60
Dibromochloromethane
Concen: 47.21 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion: 129 Resp: 478351
Ion Ratio Lower Upper
129 100
127 77.5 38.0 113.9

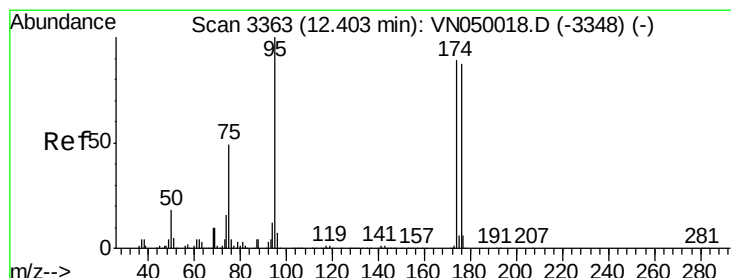
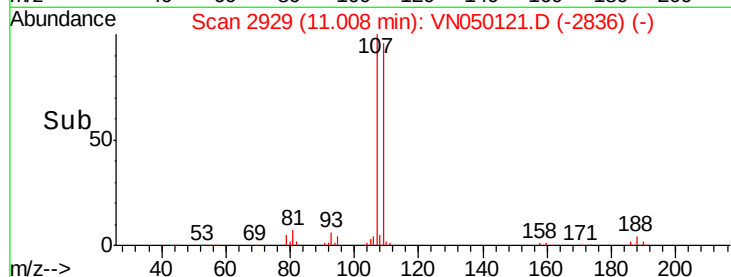
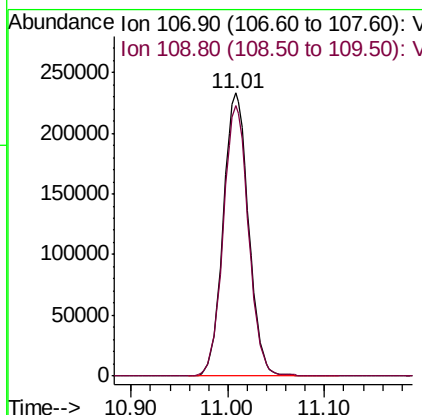
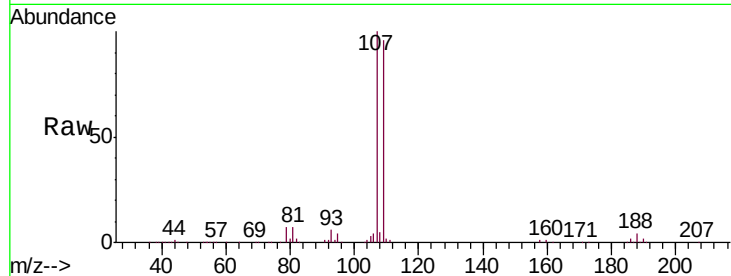




#61
 1,2-Dibromoethane
 Concen: 46.67 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

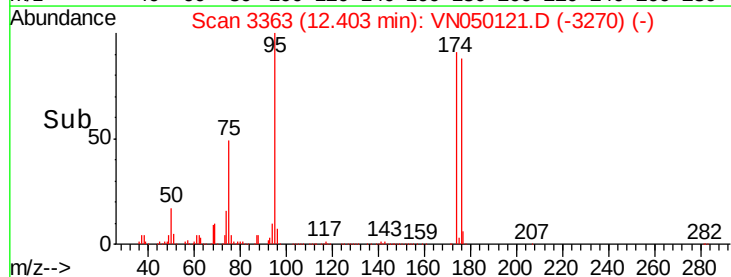
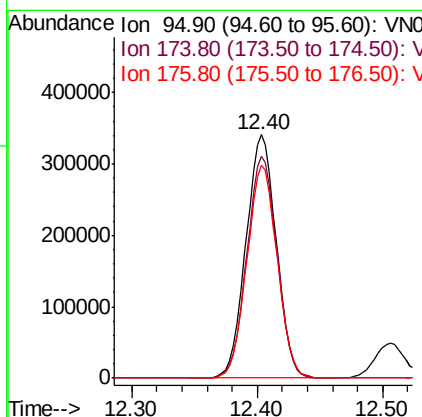
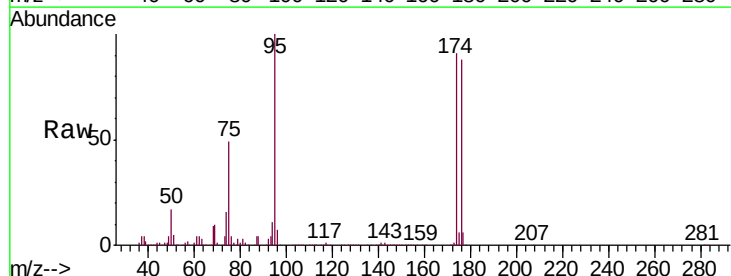
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BSMS

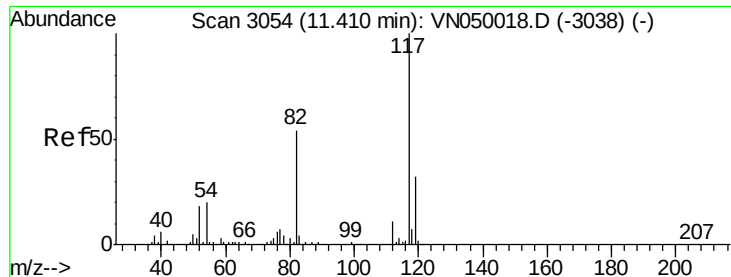
Tot Ion:107 Resp: 423803
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.91 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion: 95 Resp: 573705
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 178.2
 176 87.4 0.0 173.4

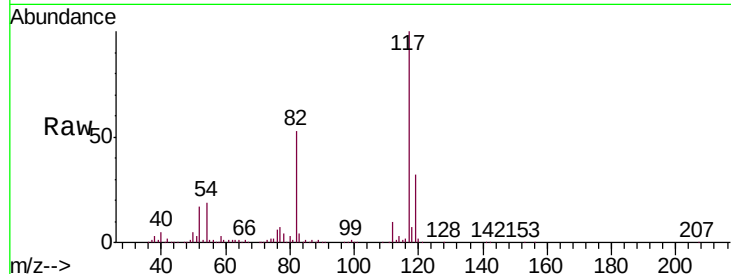




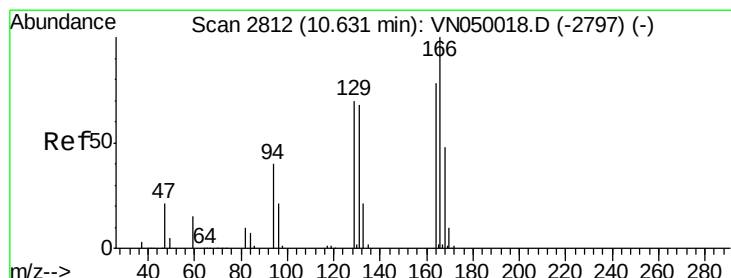
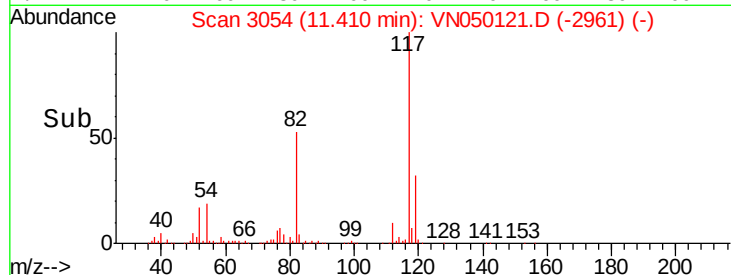
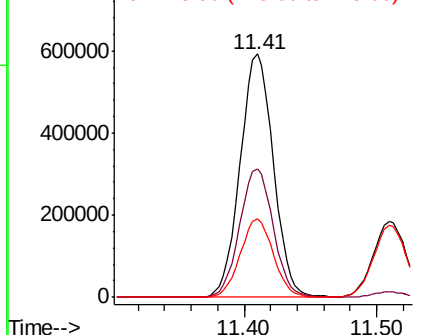
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

Tot Ion:117 Resp: 1034398
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.1 26.1 39.1

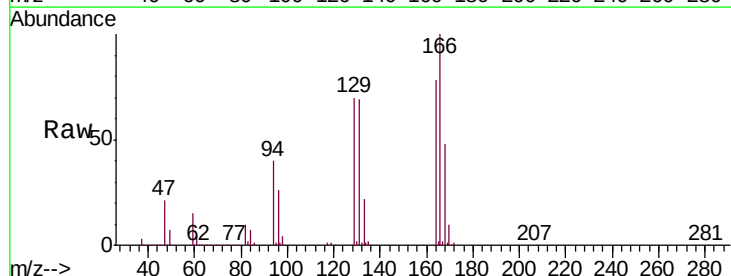


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

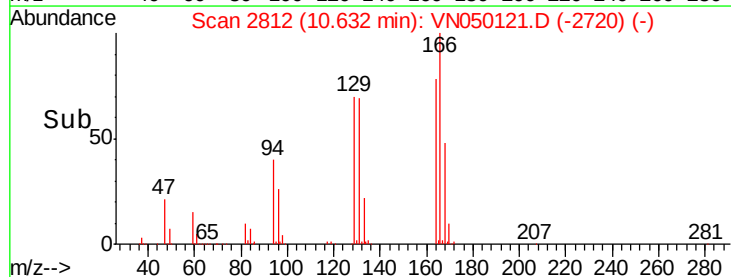
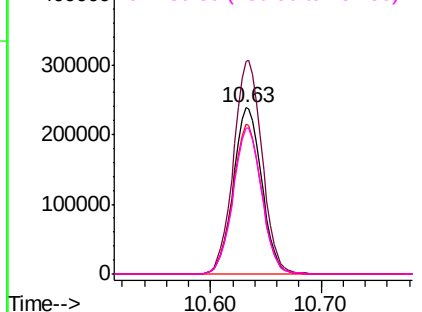


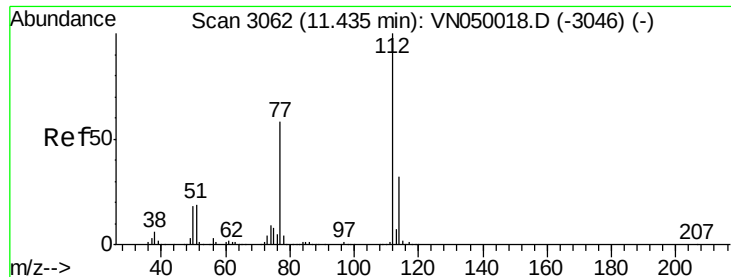
#64
Tetrachloroethene
Concen: 42.89 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion:164 Resp: 426524
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 89.7 73.2 109.8
131 87.7 70.6 106.0



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





#65

Chlorobenzene

Concen: 47.63 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

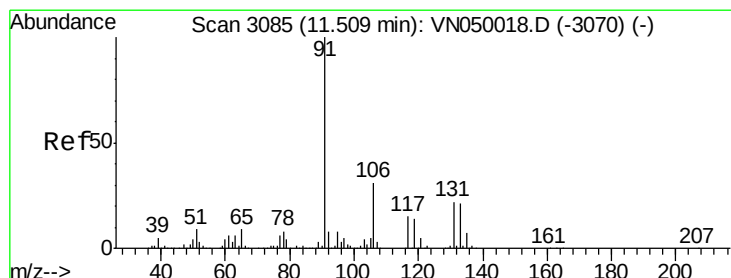
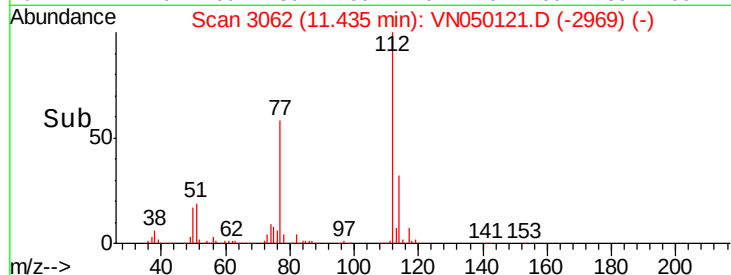
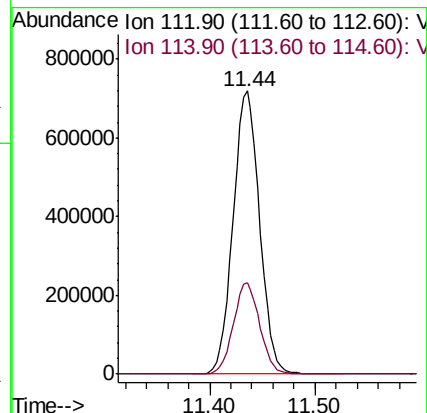
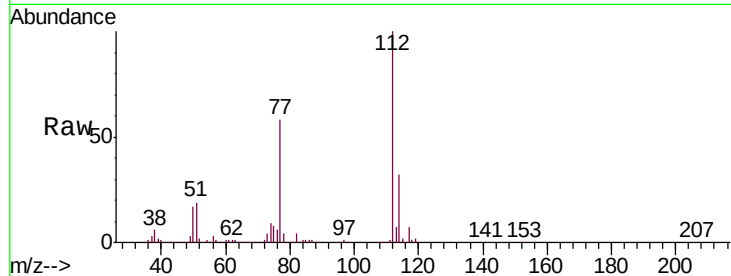
MW-7BSMS

Tot Ion:112 Resp: 1244517

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 46.82 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

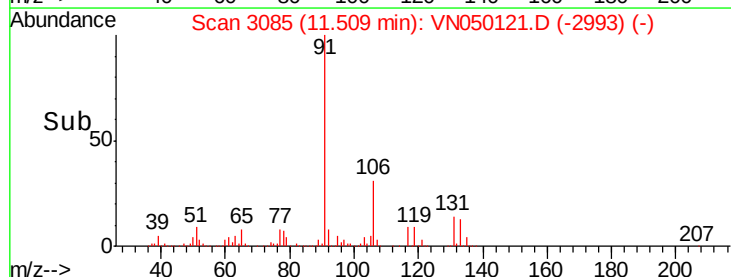
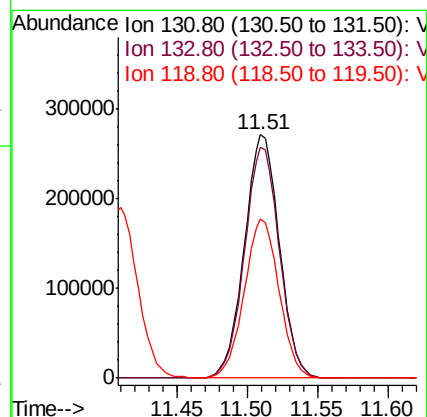
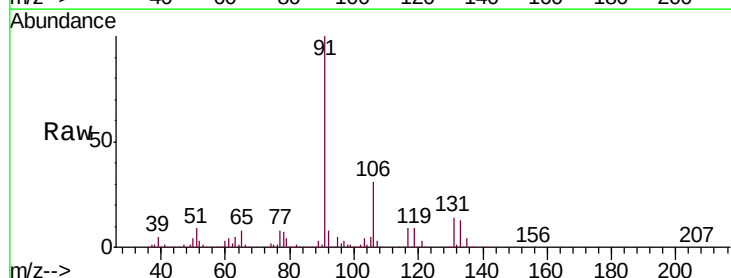
Tgt Ion:131 Resp: 470036

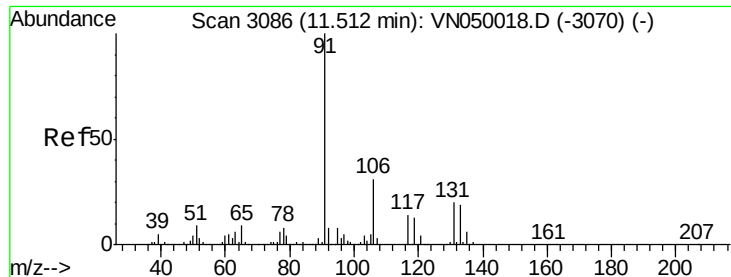
Ion Ratio Lower Upper

131 100

133 95.1 47.3 141.9

119 65.2 32.9 98.7





#67

Ethyl Benzene

Concen: 80.74 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampled :

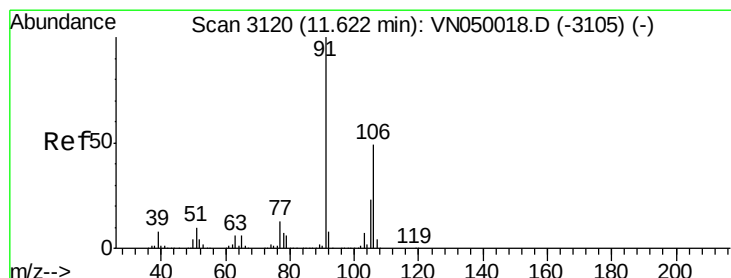
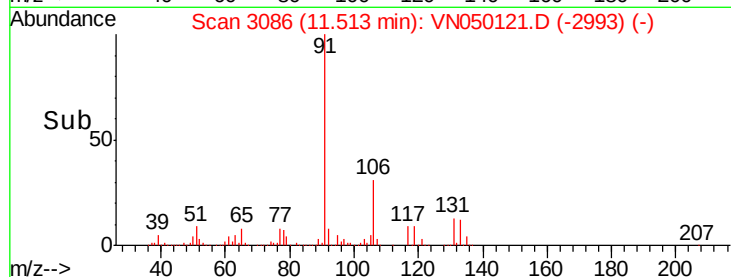
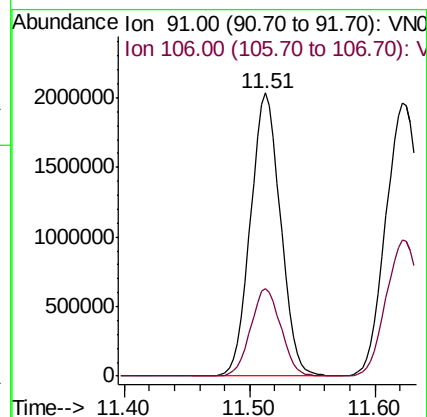
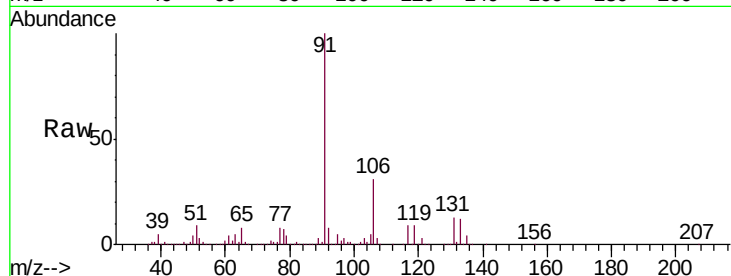
MW-7BSMS

Tot Ion: 91 Resp: 3389001

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 120.29 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050121.D

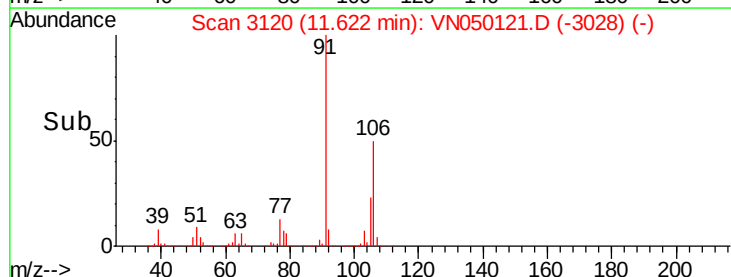
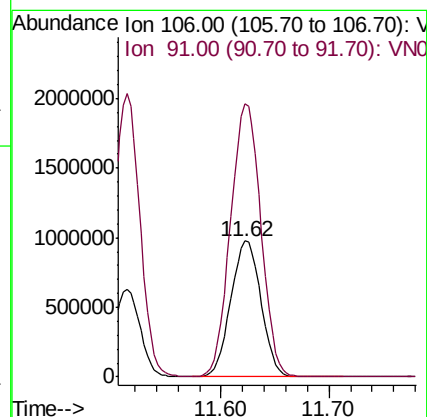
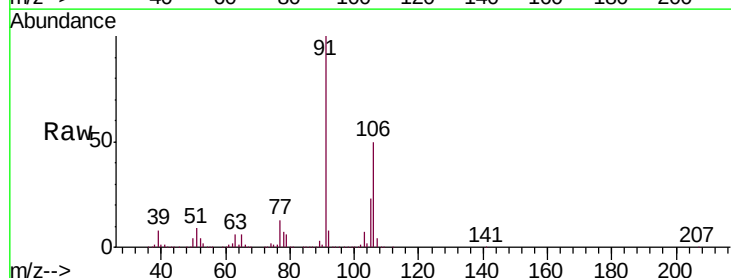
Acq: 27 Jul 2018 8:12

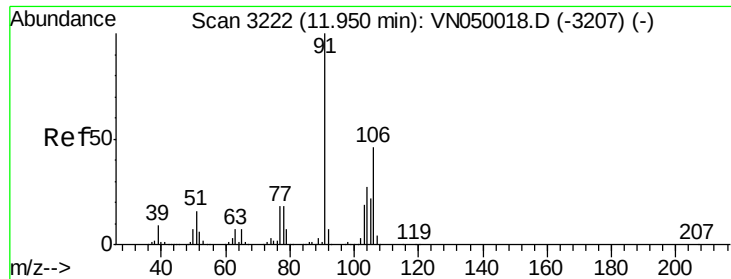
Tgt Ion: 106 Resp: 1909660

Ion Ratio Lower Upper

106 100

91 201.5 162.2 243.2

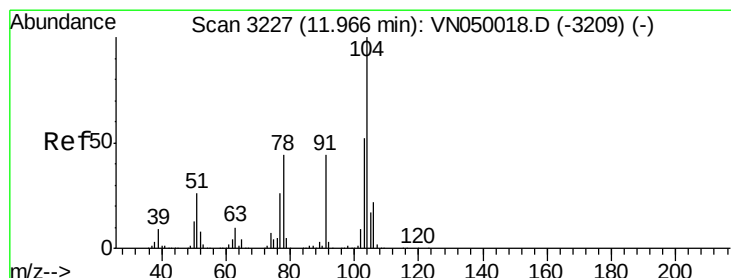
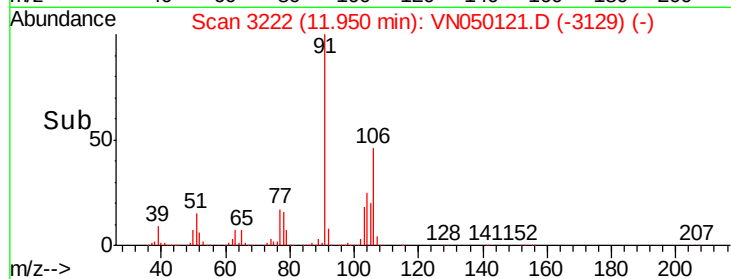
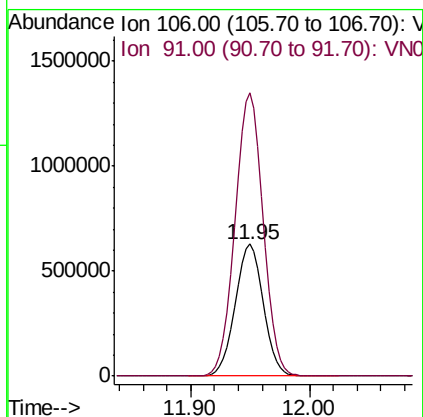
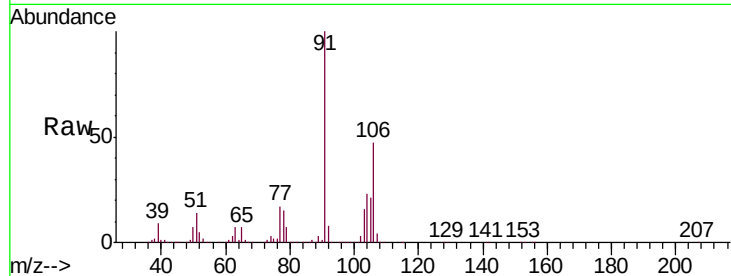




#69
o-Xylene
Concen: 67.92 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

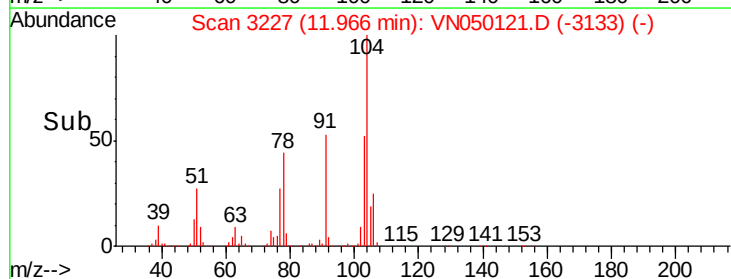
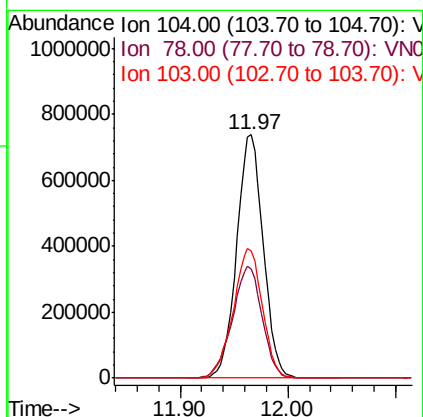
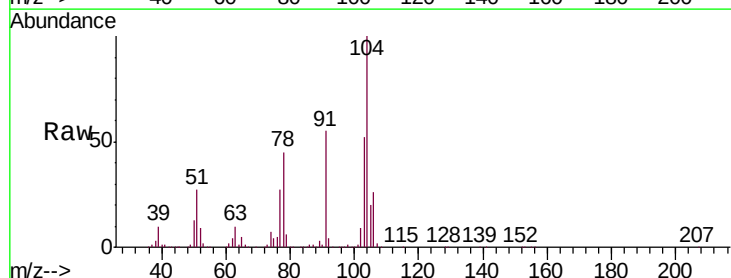
Instrument :
MSVOA_N
ClientSampled :
MW-7BSMS

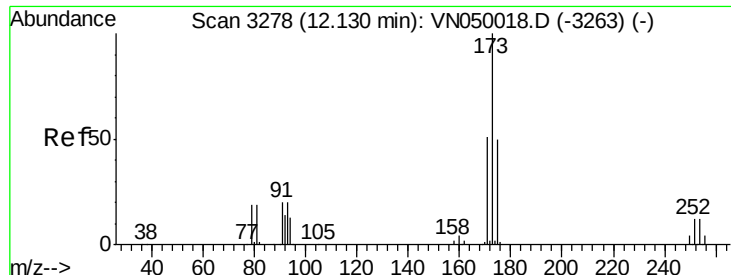
Tot Ion:106 Resp: 1027899
Ion Ratio Lower Upper
106 100
91 214.4 107.7 323.1



#70
Styrene
Concen: 47.13 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion:104 Resp: 1267191
Ion Ratio Lower Upper
104 100
78 51.3 39.3 58.9
103 58.3 45.0 67.6

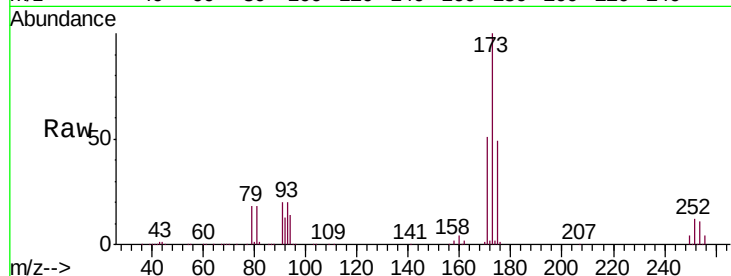




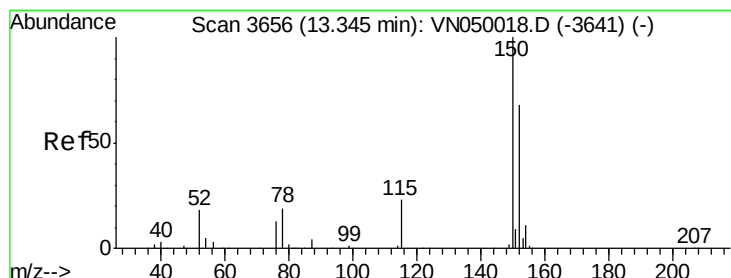
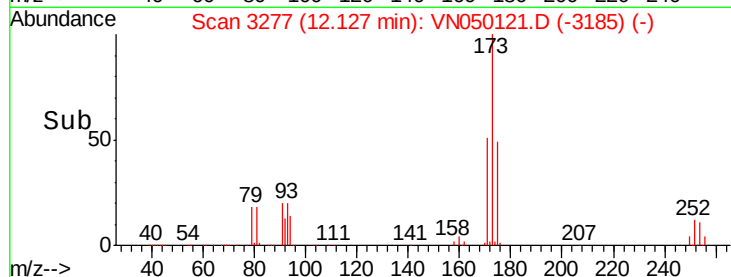
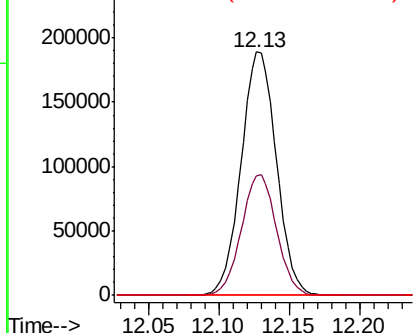
#71
Bromoform
Concen: 45.31 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Instrument :
MSVOA_N
ClientSampled :
MW-7BSMS

Tot Ion:173 Resp: 330912
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.1 0.2 0.2#

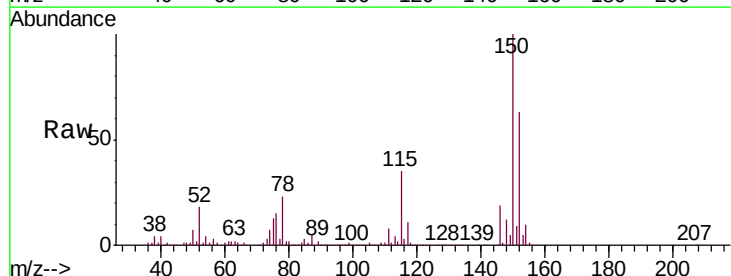


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

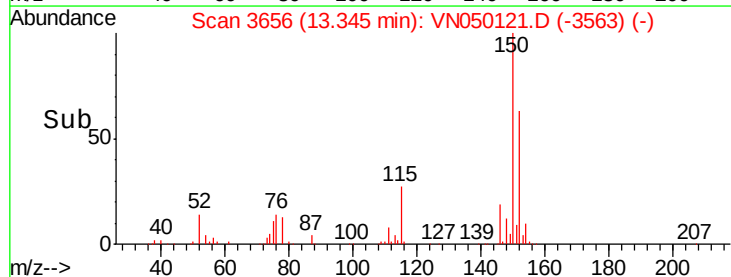
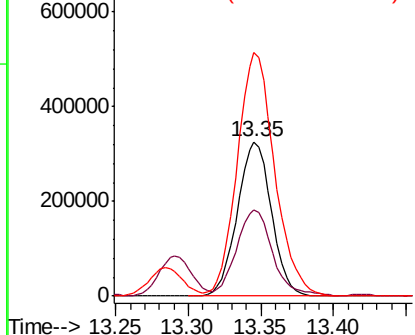


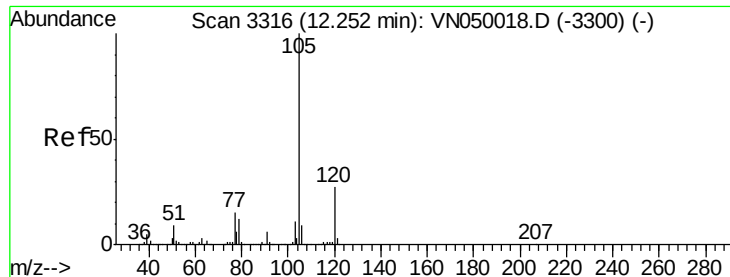
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion:152 Resp: 530320
Ion Ratio Lower Upper
152 100
115 58.0 27.8 83.3
150 173.9 0.0 348.6



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





#73

Isopropylbenzene

Concen: 58.45 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

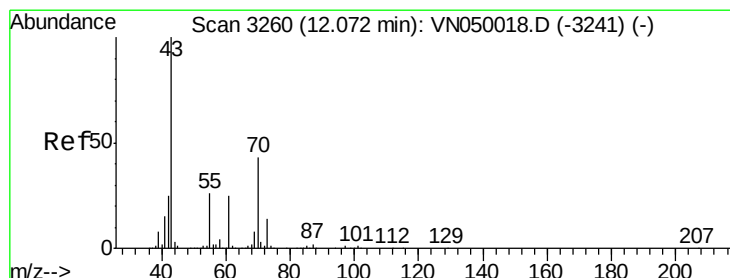
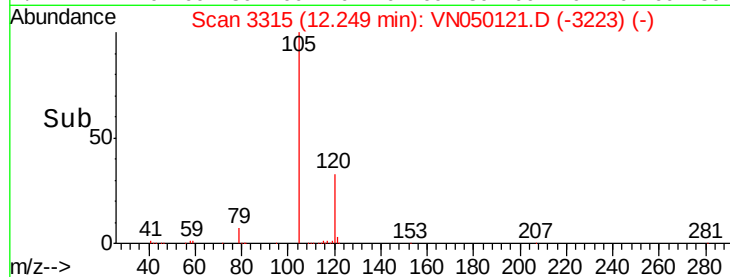
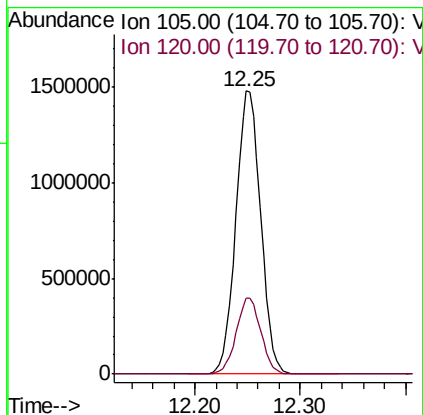
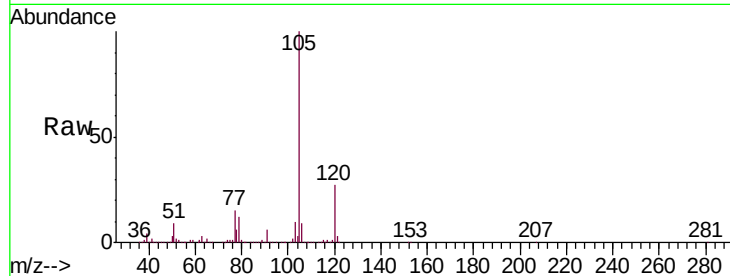
MW-7BSMS

Tot Ion:105 Resp: 2403841

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 37.85 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Tgt Ion: 43 Resp: 475749

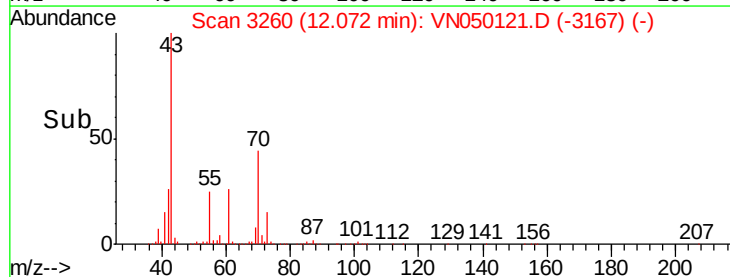
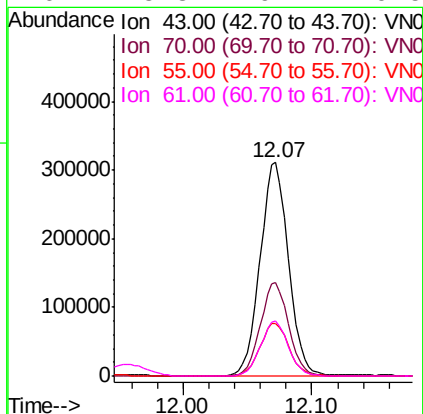
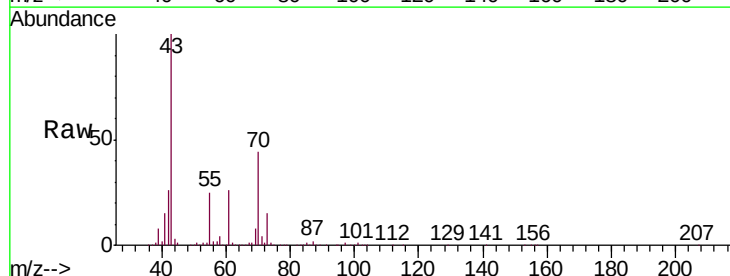
Ion Ratio Lower Upper

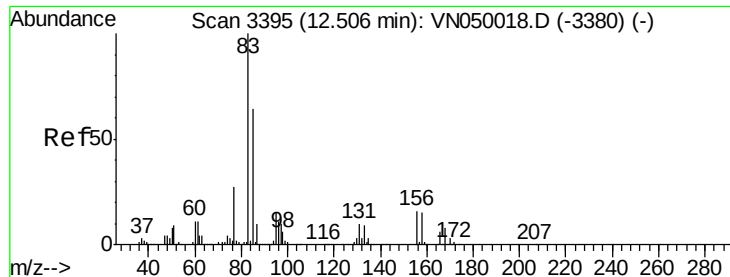
43 100

70 44.0 34.4 51.6

55 25.3 20.8 31.2

61 25.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.80 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

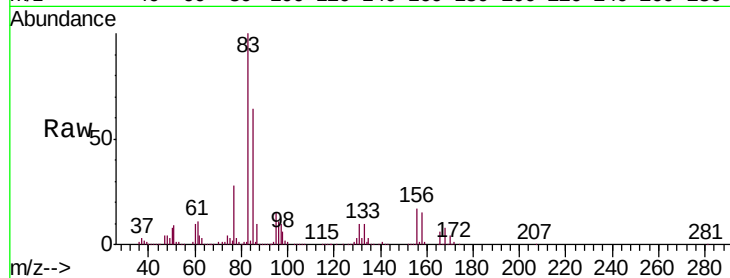
Tot Ion: 83 Resp: 547156

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

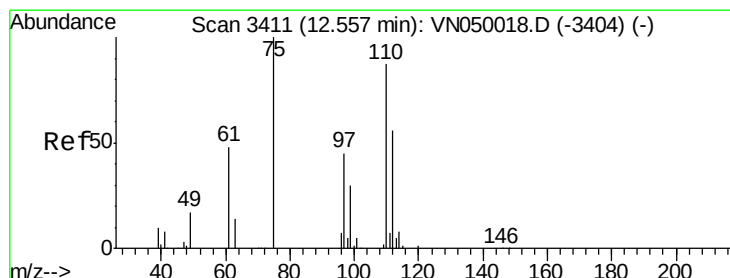
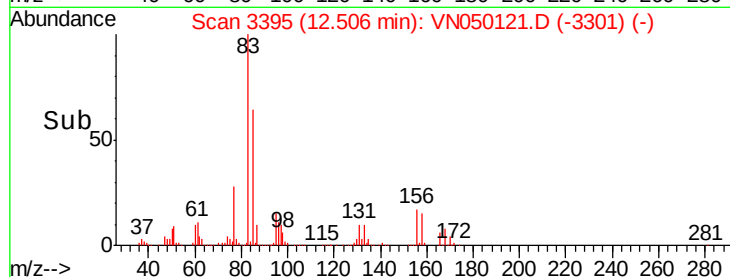
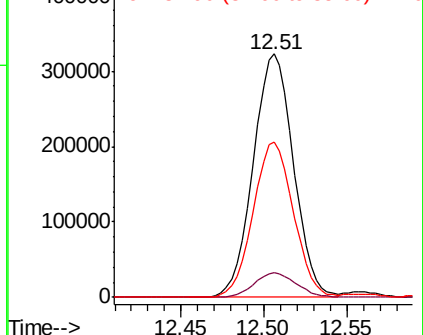
85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 61.76 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050121.D

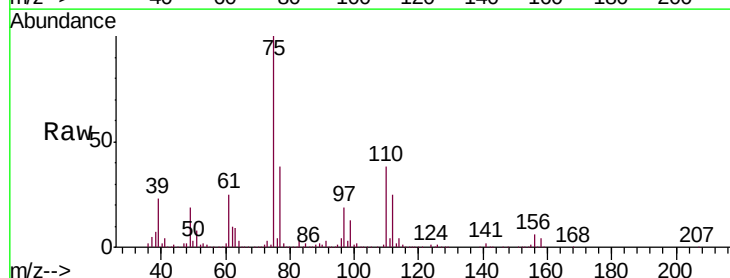
Acq: 27 Jul 2018 8:12

Tgt Ion: 75 Resp: 608722

Ion Ratio Lower Upper

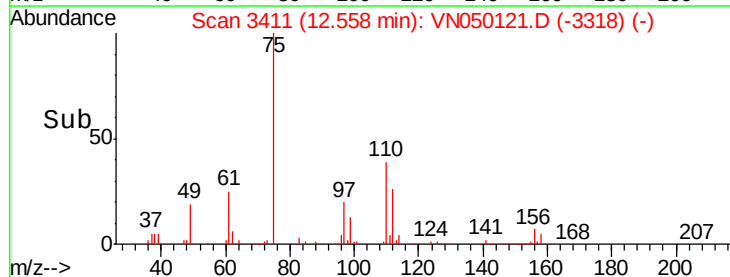
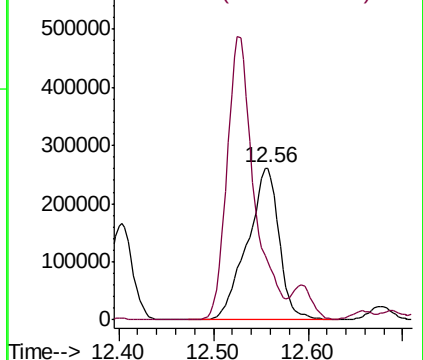
75 100

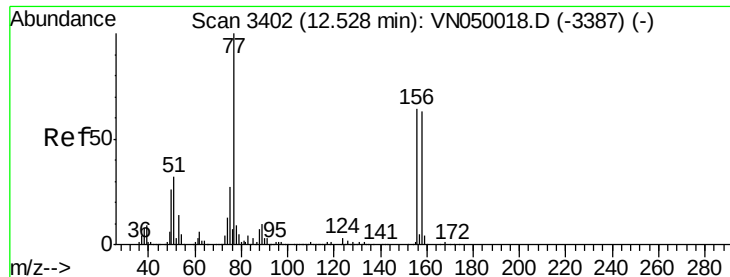
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.96 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

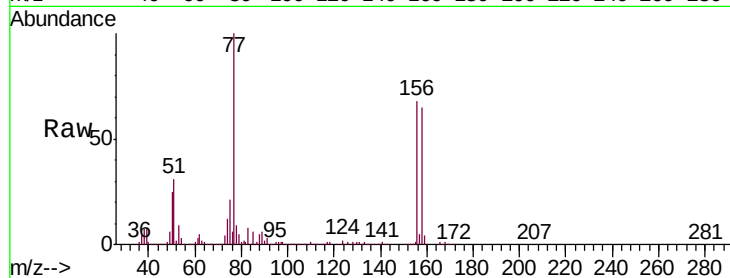
Tot Ion:156 Resp: 569535

Ion Ratio Lower Upper

156 100

77 171.2 91.7 275.1

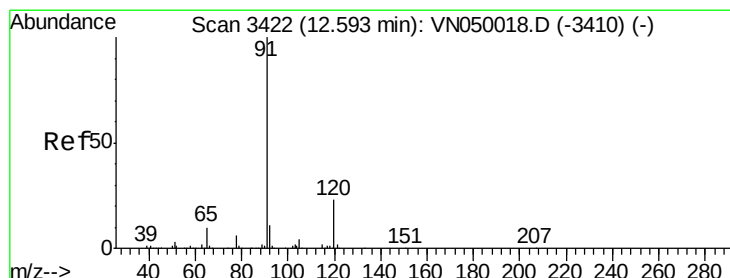
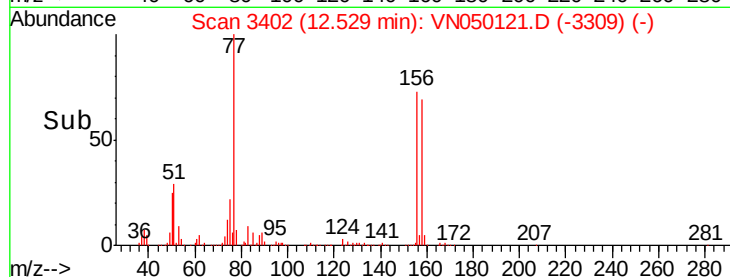
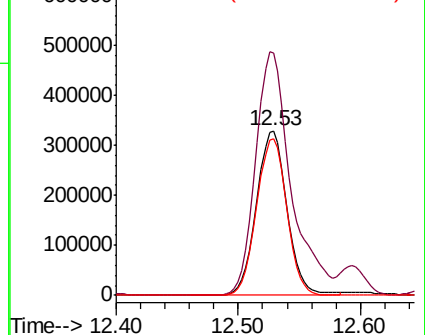
158 93.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.92 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050121.D

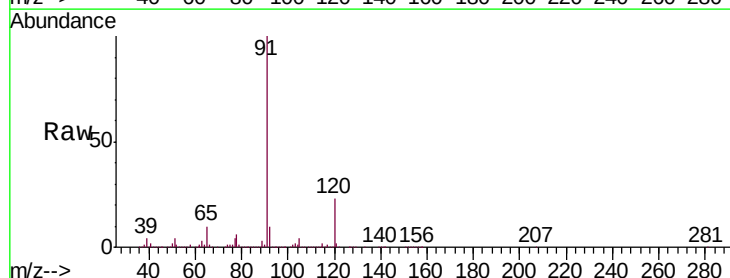
Acq: 27 Jul 2018 8:12

Tgt Ion: 91 Resp: 2432845

Ion Ratio Lower Upper

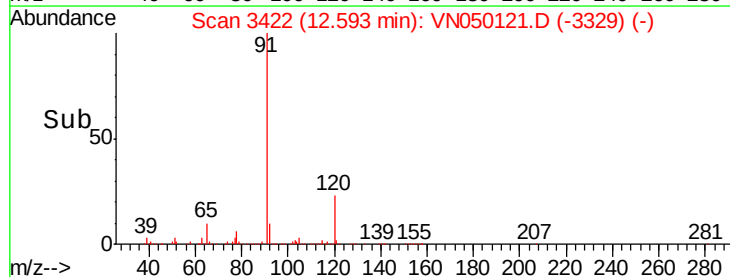
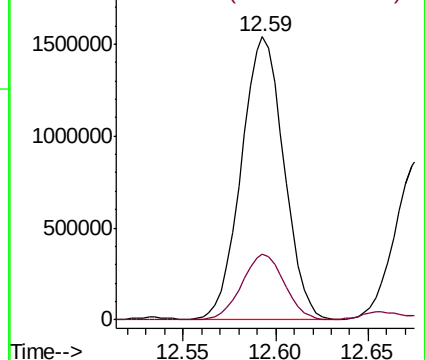
91 100

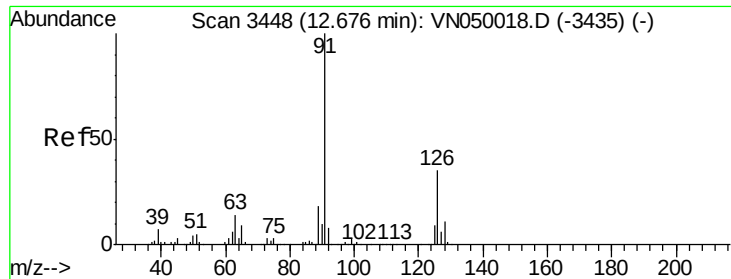
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.12 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

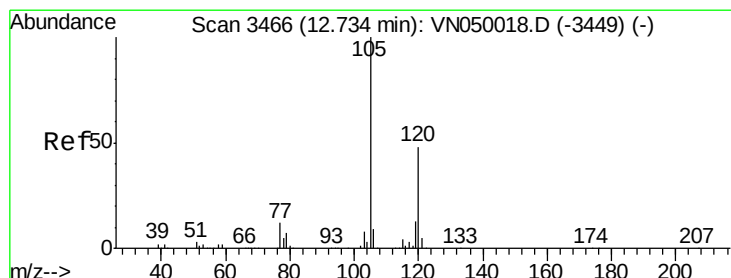
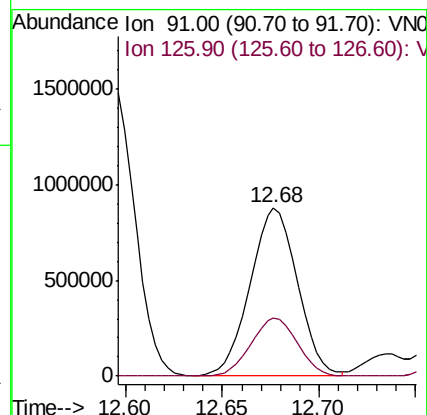
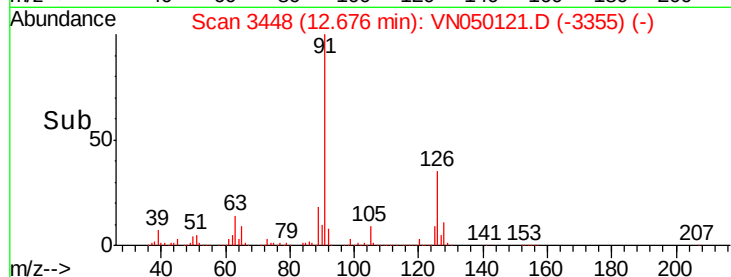
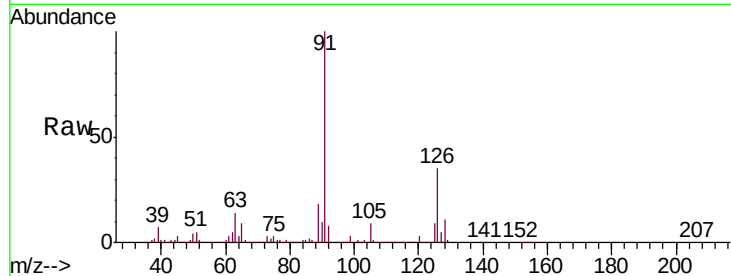
MW-7BSMS

Tot Ion: 91 Resp: 1485186

Ion Ratio Lower Upper

91 100

126 34.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 54.70 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050121.D

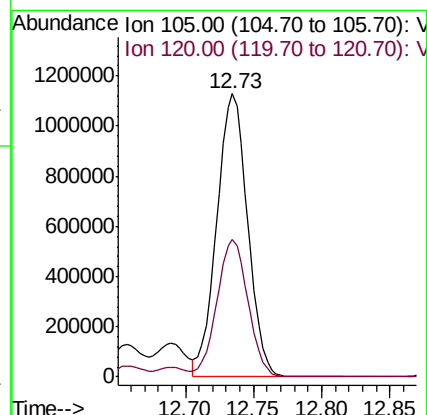
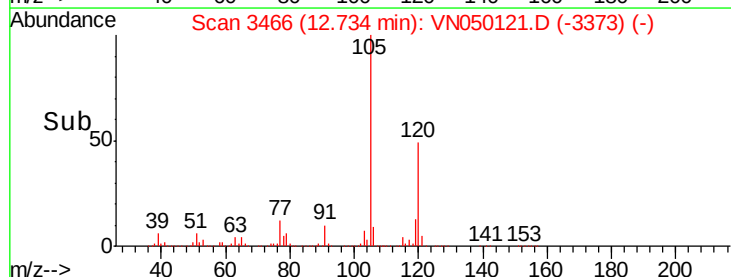
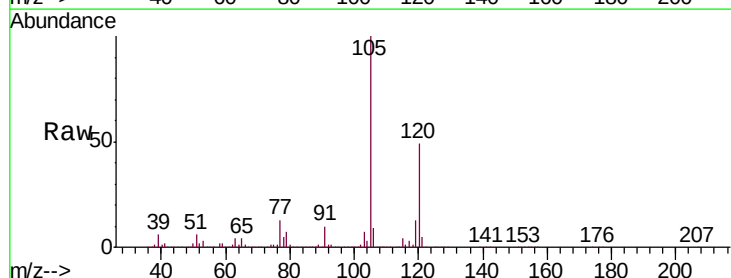
Acq: 27 Jul 2018 8:12

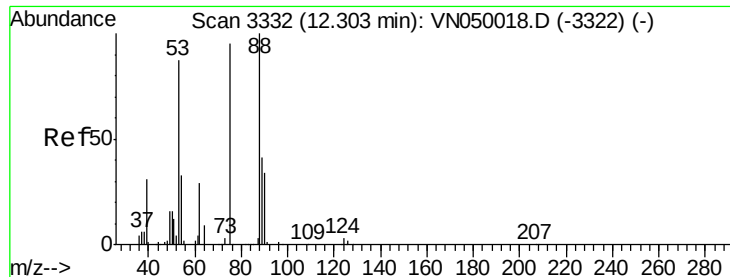
Tgt Ion:105 Resp: 1769529

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 32.76 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

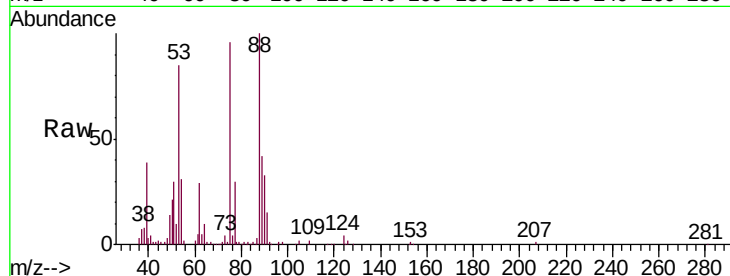
Tot Ion: 75 Resp: 101803

Ion Ratio Lower Upper

75 100

53 88.1 73.5 110.3

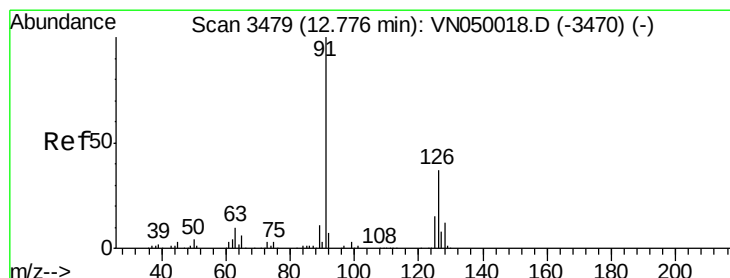
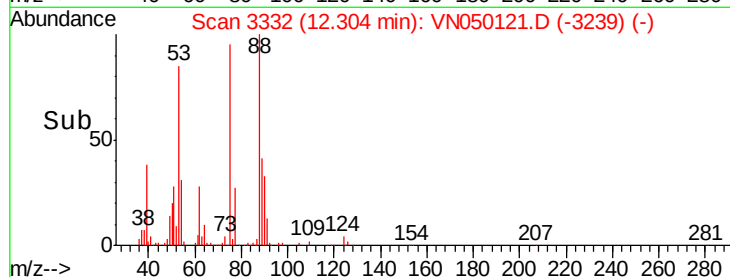
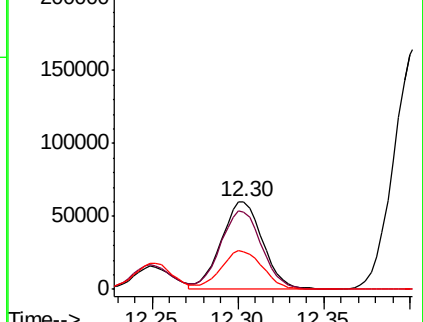
89 43.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.72 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050121.D

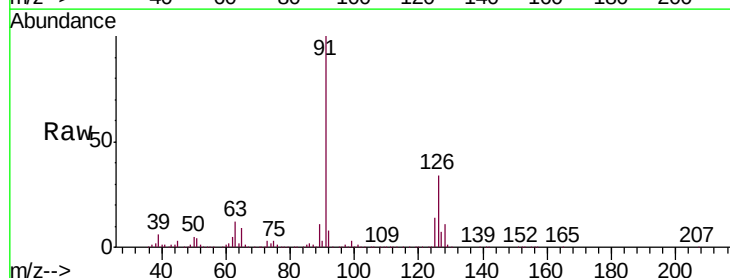
Acq: 27 Jul 2018 8:12

Tgt Ion: 91 Resp: 1431287

Ion Ratio Lower Upper

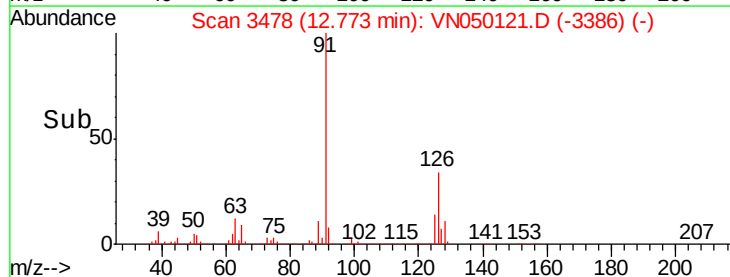
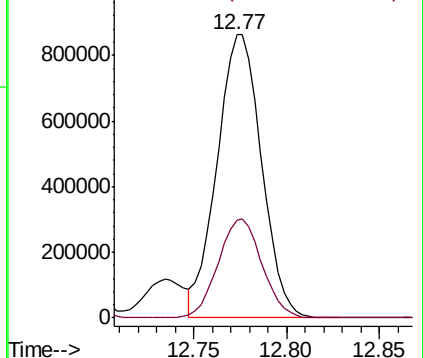
91 100

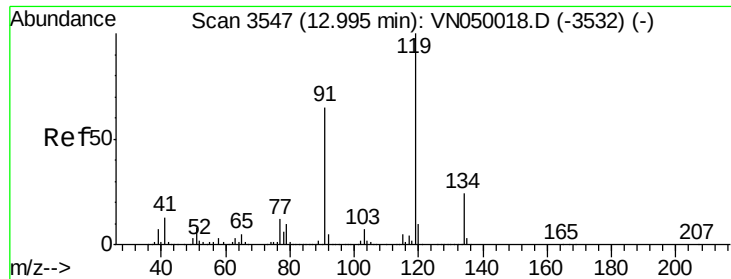
126 34.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

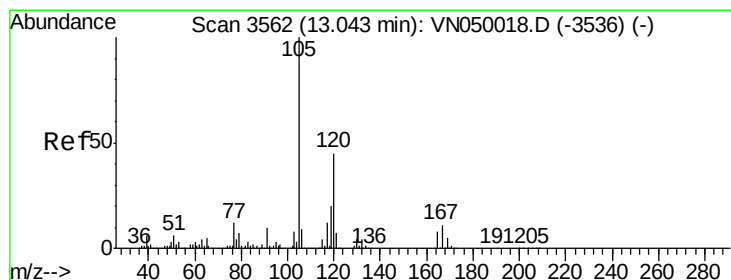
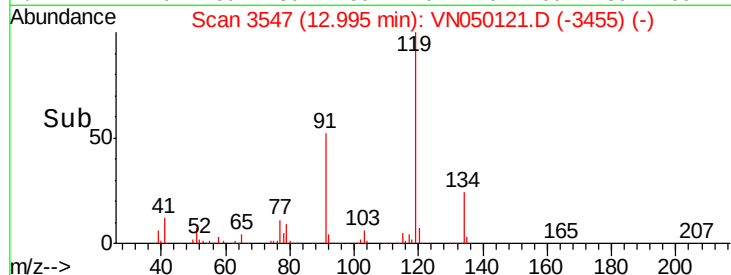
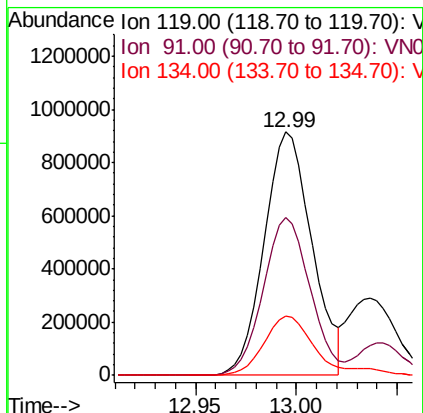
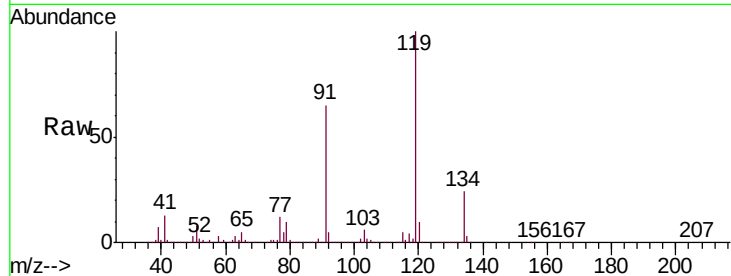




#83
 tert-Butylbenzene
 Concen: 53.44 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

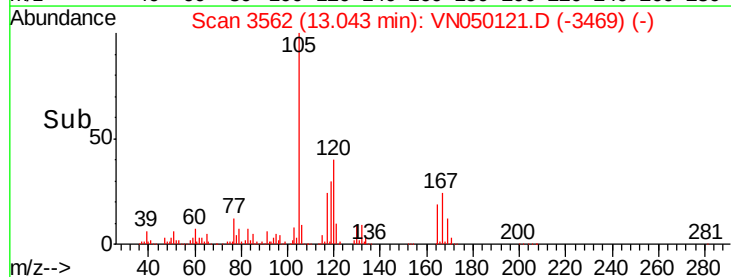
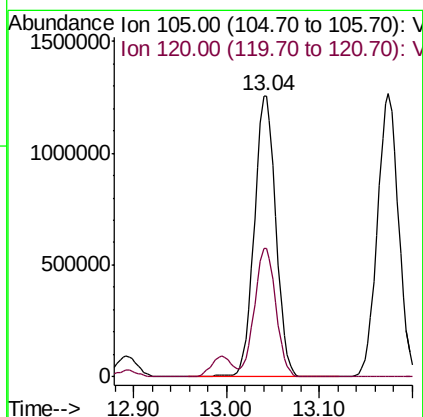
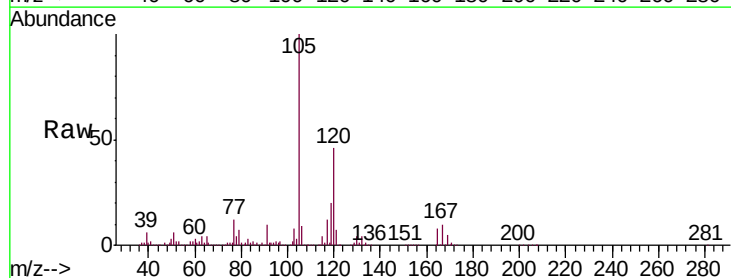
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

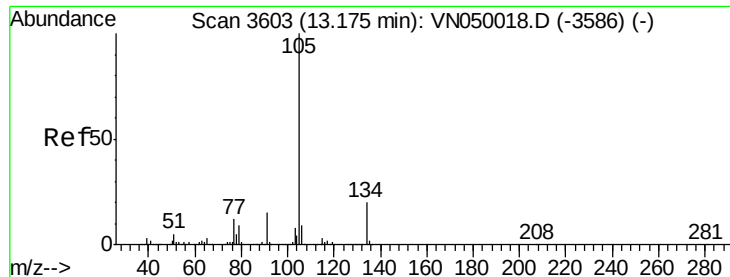
Tot Ion:119 Resp: 1508785
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.1 96.3
 134 26.5 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 61.77 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion:105 Resp: 2014246
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 52.70 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

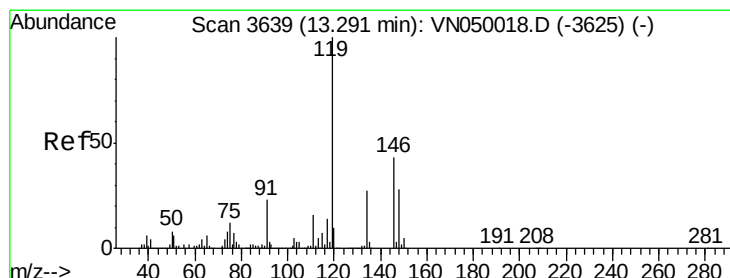
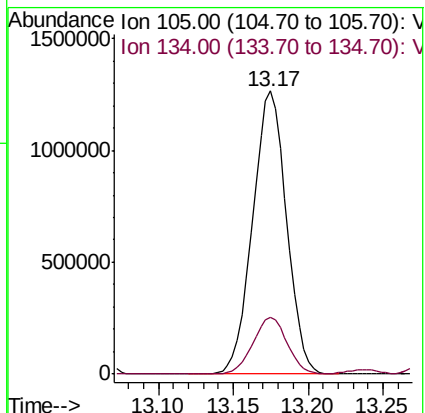
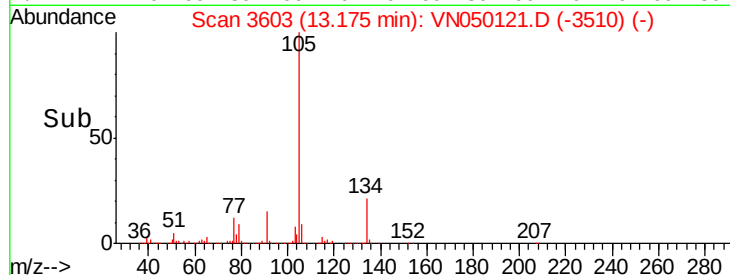
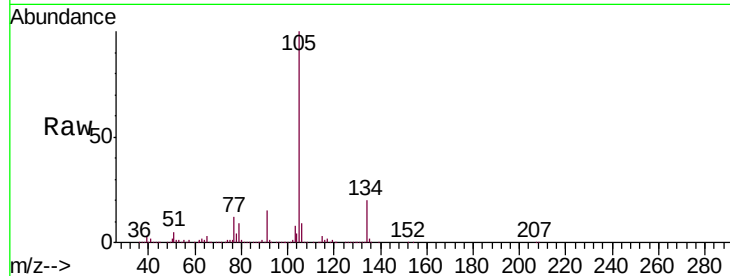
MW-7BSMS

Tot Ion:105 Resp: 1988195

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.82 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

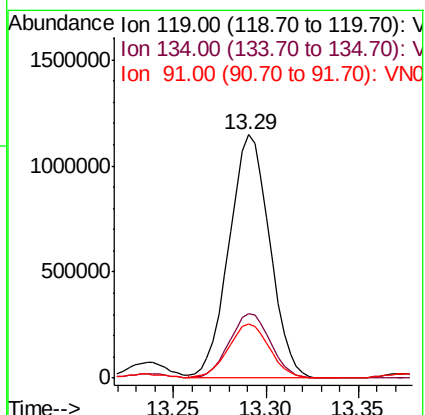
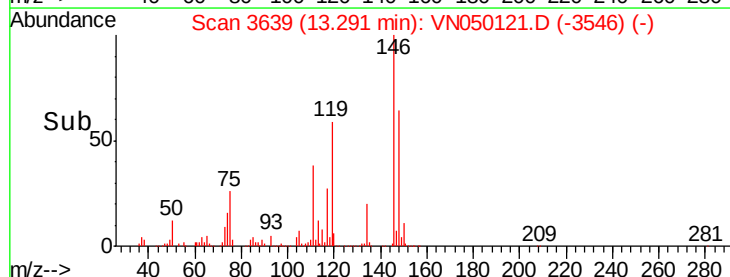
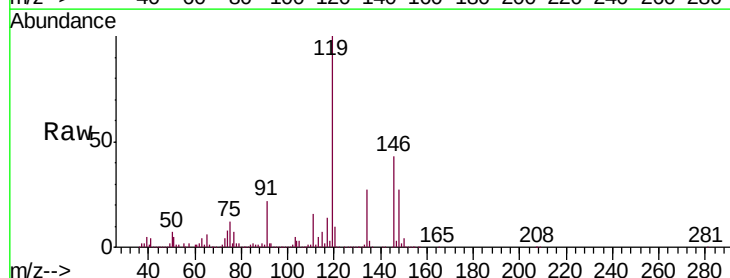
Tgt Ion:119 Resp: 1742554

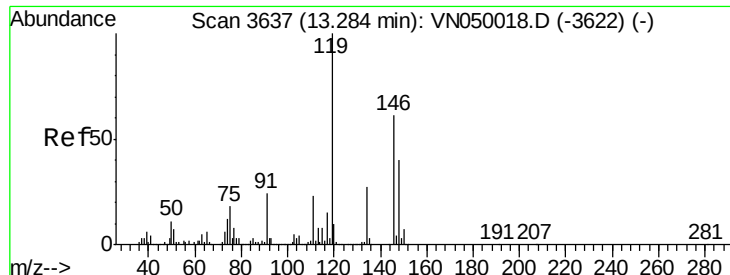
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.4 11.4 34.2

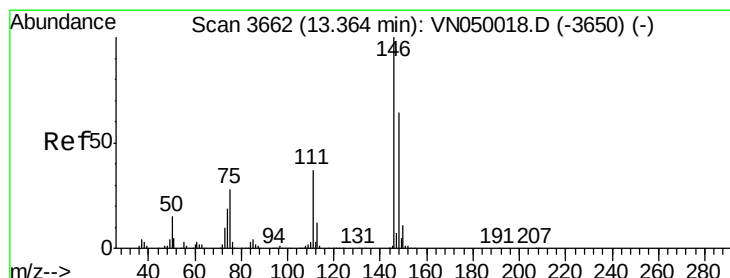
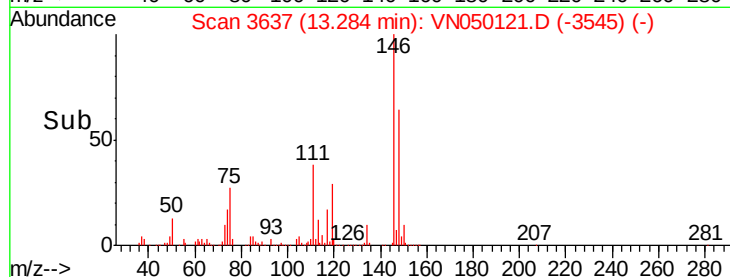
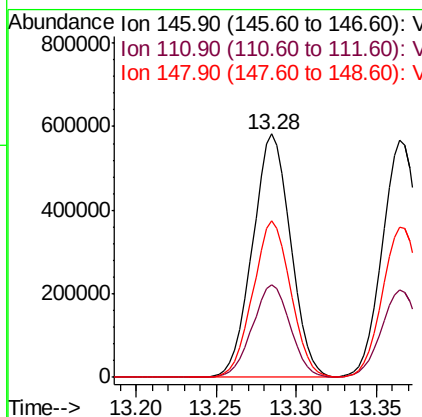
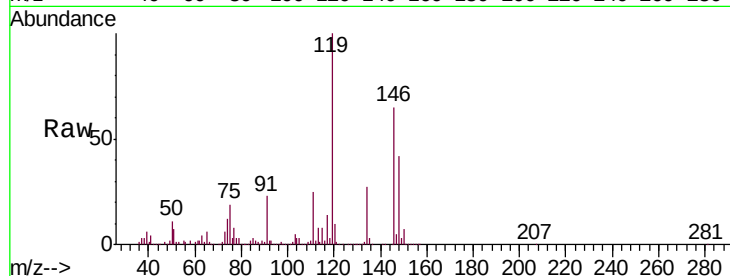




#87
 1,3-Dichlorobenzene
 Concen: 49.26 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

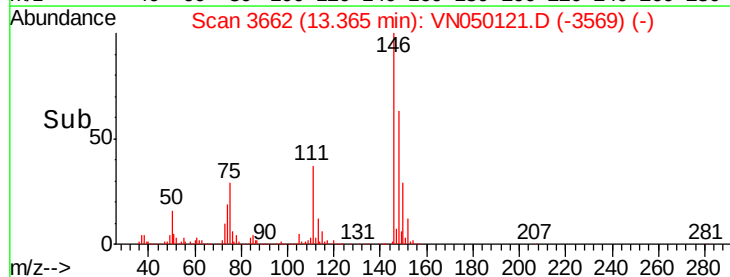
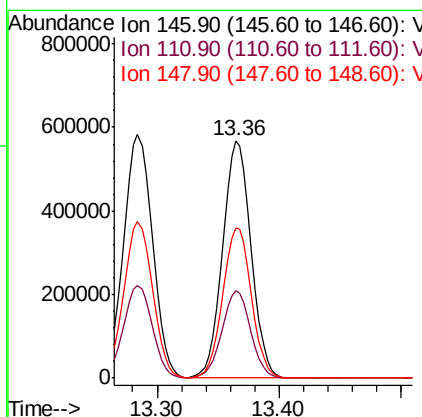
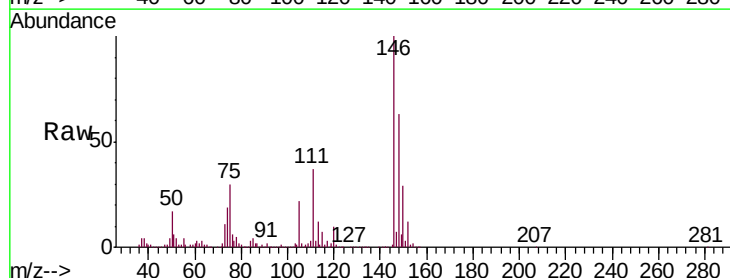
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

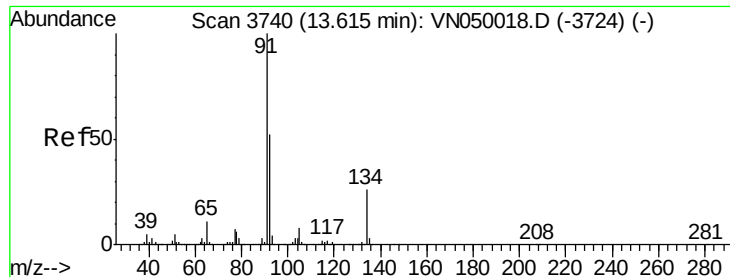
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	63.7	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.29 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.3	54.9
148	64.0	31.9	95.9





#89

n-Butylbenzene

Concen: 54.47 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

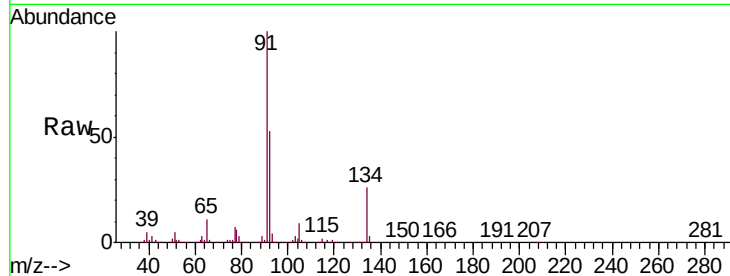
Tot Ion: 91 Resp: 1423883

Ion Ratio Lower Upper

91 100

92 52.4 25.8 77.4

134 27.3 12.8 38.4

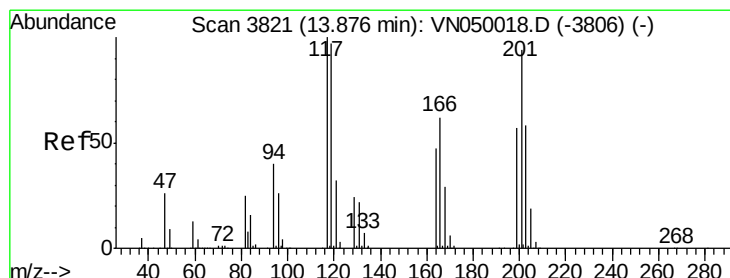
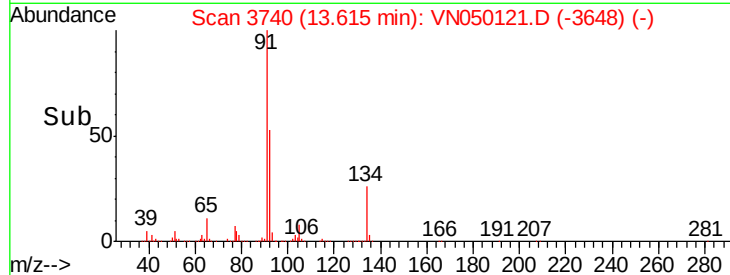
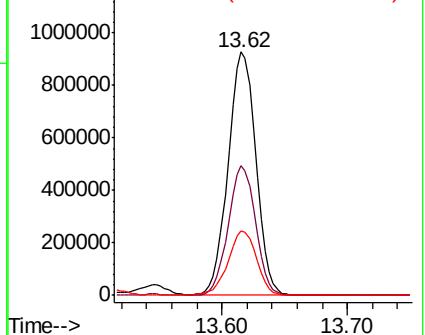


Abundance

Ion 91.00 (90.70 to 91.70): VN050121.D (-3648) (-)

Ion 92.00 (91.70 to 92.70): VN050121.D (-3648) (-)

Ion 134.00 (133.70 to 134.70): VN050121.D (-3648) (-)



#90

Hexachloroethane

Concen: 39.69 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050121.D

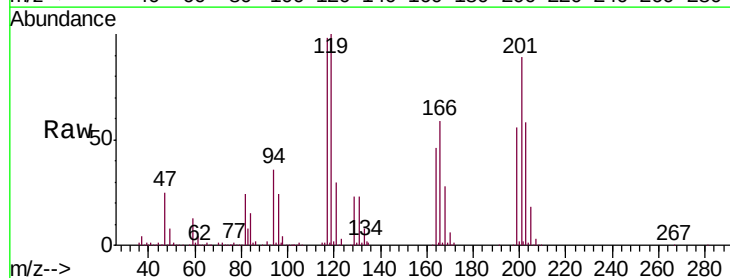
Acq: 27 Jul 2018 8:12

Tgt Ion: 117 Resp: 280156

Ion Ratio Lower Upper

117 100

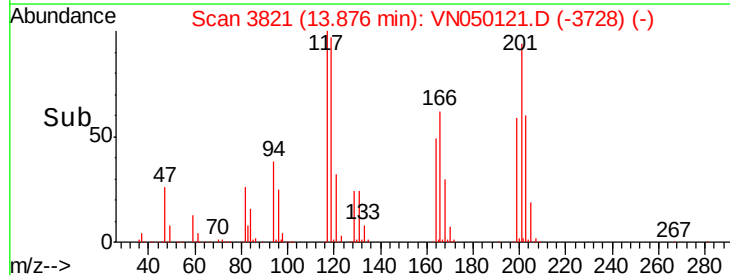
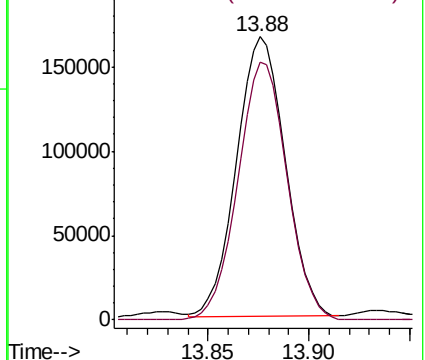
201 93.2 45.6 136.8

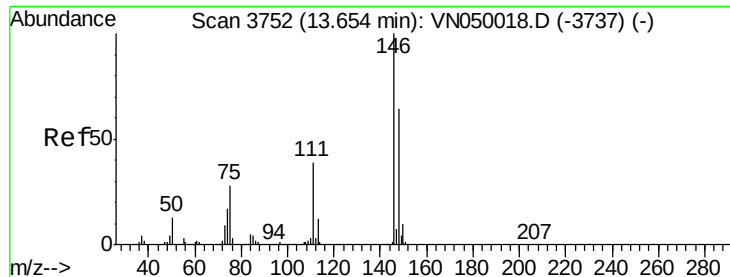


Abundance

Ion 116.80 (116.50 to 117.50): VN050121.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN050121.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 48.58 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSMS

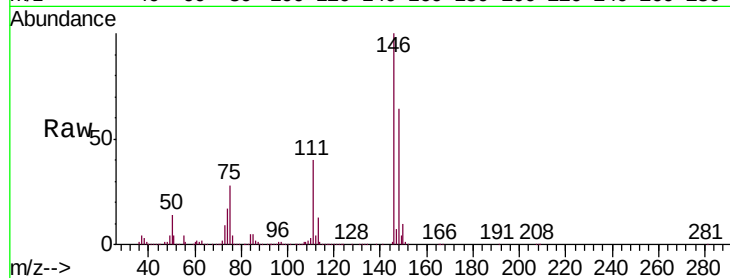
Tot Ion:146 Resp: 938499

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

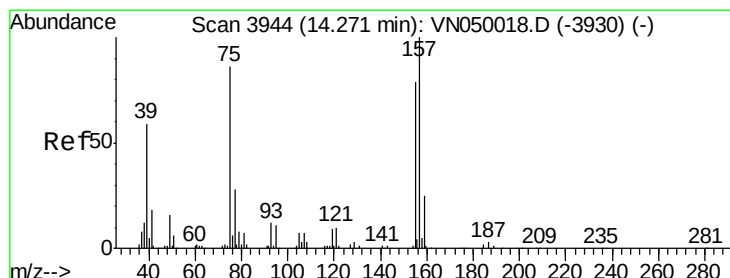
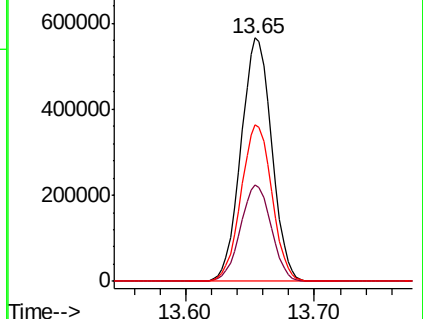
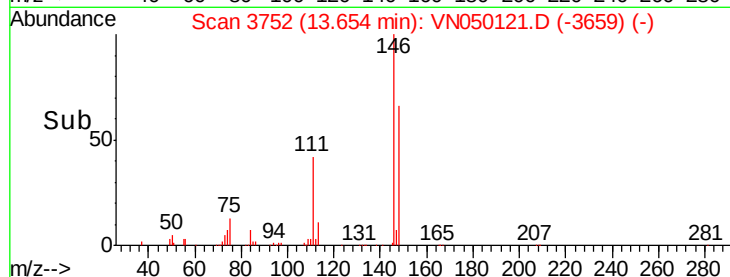
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.44 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050121.D

Acq: 27 Jul 2018 8:12

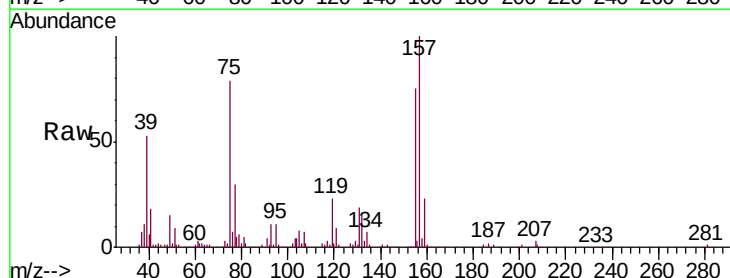
Tgt Ion: 75 Resp: 88824

Ion Ratio Lower Upper

75 100

155 94.4 44.8 134.4

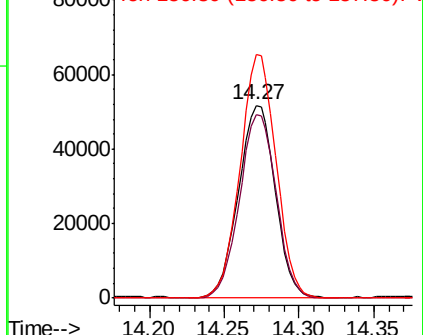
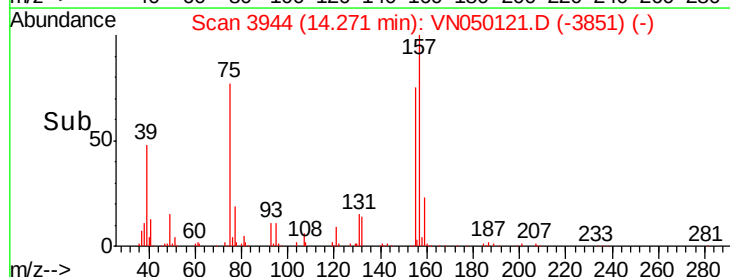
157 122.7 57.2 171.6

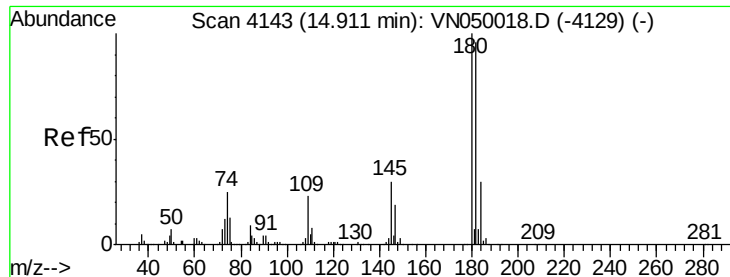


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

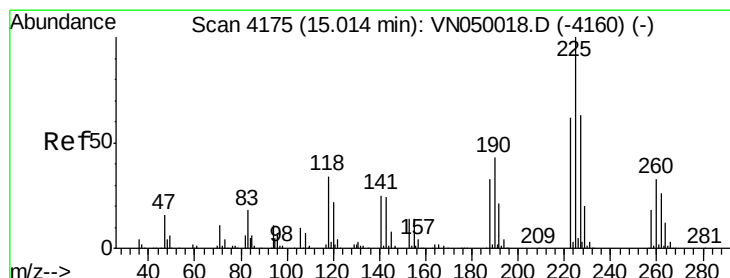
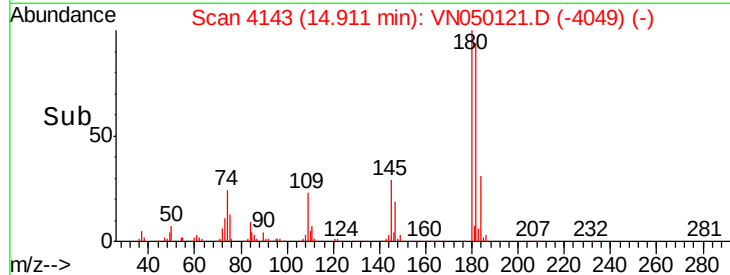
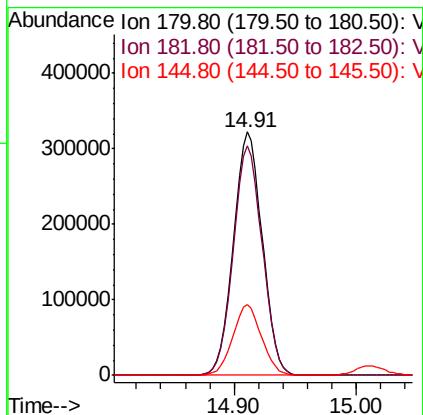
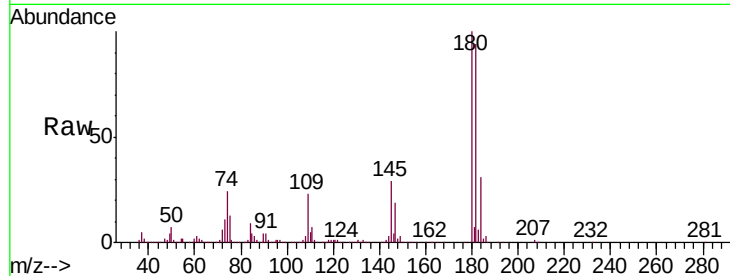




#93
 1,2,4-Trichlorobenzene
 Concen: 51.39 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

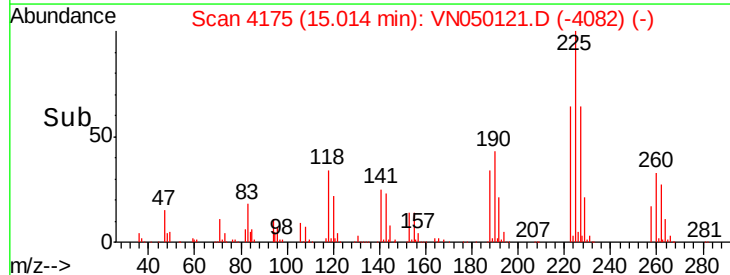
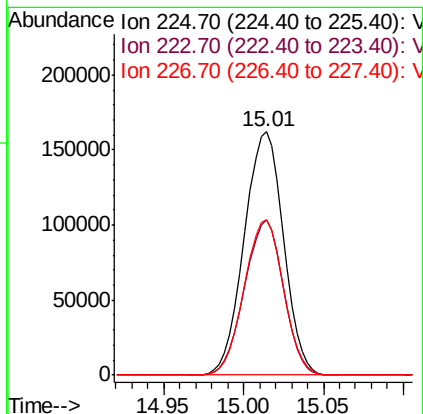
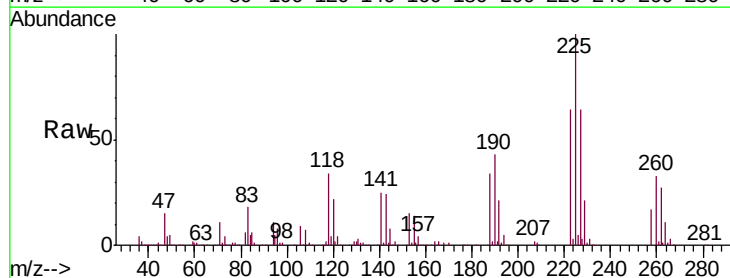
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSMS

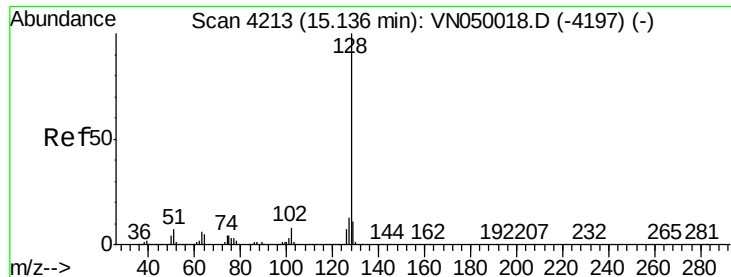
Tot Ion:180 Resp: 527411
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.7 140.1
 145 28.9 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 46.02 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050121.D
 Acq: 27 Jul 2018 8:12

Tgt Ion:225 Resp: 272124
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.2
 227 63.7 32.1 96.5

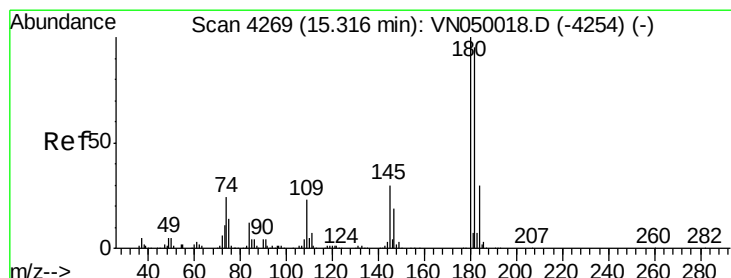
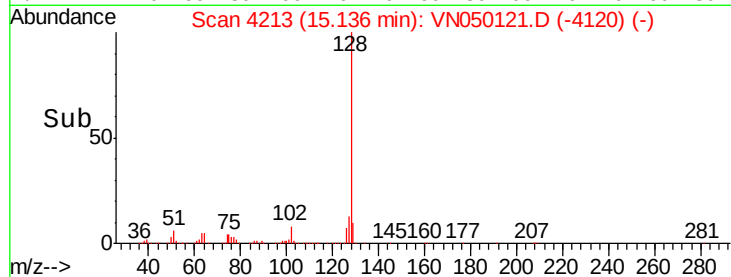
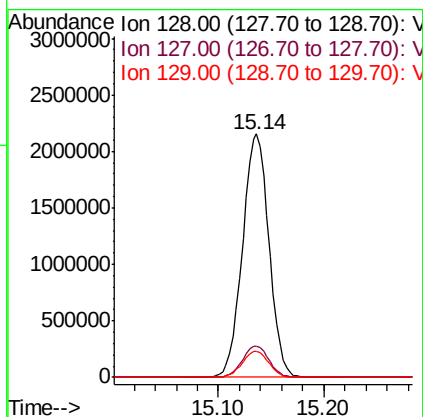
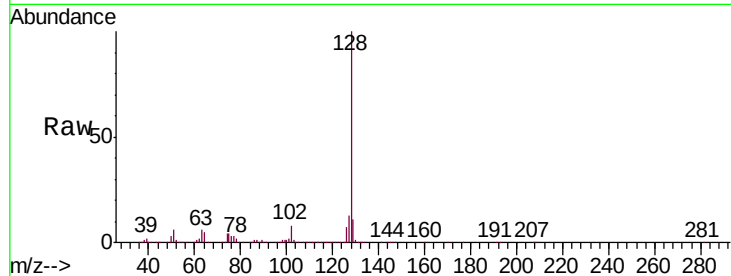




#95
Naphthalene
Concen: 144.86 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSMS

Tot Ion:128 Resp: 3731017
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.24 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050121.D
Acq: 27 Jul 2018 8:12

Tgt Ion:180 Resp: 522322
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.4
145 30.7 15.3 45.9

