

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051059.D
 Acq On : 7 Sep 2018 17:29
 Operator : MD\SY
 Sample : J4693-11MS 5X
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

Quant Time: Sep 07 23:15:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	615415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	884937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	502006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360072	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	343561	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1329972	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	649619	74.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	446250	54.18	ug/l	100
3) Chloromethane	2.06	50	507170	49.93	ug/l	100
4) Vinyl Chloride	2.18	62	486346	50.54	ug/l	99
5) Bromomethane	2.52	94	203362	36.91	ug/l	99
6) Chloroethane	2.67	64	262138	47.15	ug/l	99
7) Trichlorofluoromethane	3.00	101	611161	49.60	ug/l	99
8) Diethyl Ether	3.41	74	239677	57.20	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	385223	50.04	ug/l	99
10) Methyl Iodide	3.94	142	326799	48.58	ug/l	98
11) Tert butyl alcohol	4.80	59	184619	391.33	ug/l	100
12) 1,1-Dichloroethene	3.73	96	368904	53.37	ug/l	98
13) Acrolein	3.61	56	63499	231.89	ug/l	99
14) Allyl chloride	4.32	41	570012	52.92	ug/l	98
15) Acrylonitrile	4.99	53	767719	320.20	ug/l	99
16) Acetone	3.82	43	511192	292.58	ug/l	98
17) Carbon Disulfide	4.04	76	1097119	47.35	ug/l	99
18) Methyl Acetate	4.32	43	434242	62.07	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1061837	61.07	ug/l	100
20) Methylene Chloride	4.54	84	418154	50.08	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	386949	51.76	ug/l	99
22) Diisopropyl ether	5.95	45	1181369	55.04	ug/l	97
23) Vinyl Acetate	5.90	43	3990085	288.65	ug/l	99
24) 1,1-Dichloroethane	5.85	63	701934	50.94	ug/l	99
25) 2-Butanone	6.84	43	861479	288.54	ug/l	98
26) 2,2-Dichloropropane	6.82	77	529434	47.81	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	436885	54.21	ug/l	98
28) Bromochloromethane	7.19	49	269545	46.03	ug/l	96
29) Tetrahydrofuran	7.22	42	576108	336.55	ug/l	96
30) Chloroform	7.37	83	697193	51.09	ug/l	98
31) Cyclohexane	7.65	56	634459	50.65	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	592711	50.57	ug/l	99
36) 1,1-Dichloropropene	7.79	75	542489	51.95	ug/l	99
37) Ethyl Acetate	6.93	43	378862	63.16	ug/l	99
38) Carbon Tetrachloride	7.77	117	518834	49.15	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	713479	63.15	ug/l	97
40) Benzene	8.04	78	1650652	52.42	ug/l	100
41) Methacrylonitrile	7.18	41	207465	63.91	ug/l	97
42) 1,2-Dichloroethane	8.13	62	490835	52.14	ug/l	99
43) Isopropyl Acetate	8.17	43	644996	62.54	ug/l #	89
44) Trichloroethene	8.84	130	435536	52.44	ug/l	97
45) 1,2-Dichloropropane	9.12	63	427569	51.66	ug/l	100
46) Dibromomethane	9.21	93	262299	53.94	ug/l	97
47) Bromodichloromethane	9.40	83	526335	51.68	ug/l	98
48) Methyl methacrylate	9.20	41	326389	62.09	ug/l	97
49) 1,4-Dioxane	9.20	88	107272	1497.05	ug/l #	95
51) 4-Methyl-2-Pentanone	9.99	43	1912622	310.75	ug/l	98
52) Toluene	10.16	92	1035729	55.52	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	562510	55.49	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	621513	53.54	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	488153	70.51	ug/l	98
56) Ethyl methacrylate	10.43	69	596690	65.49	ug/l	95
57) 1,3-Dichloropropane	10.71	76	644517	56.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2417	12.81	ug/l #	73
59) 2-Hexanone	10.75	43	1338340	326.63	ug/l	97
60) Dibromochloromethane	10.90	129	421141	54.33	ug/l	98
61) 1,2-Dibromoethane	11.01	107	395909	59.14	ug/l	99
64) Tetrachloroethene	10.63	164	402535	49.55	ug/l	99
65) Chlorobenzene	11.43	112	1166170	52.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	408776	49.97	ug/l	99
67) Ethyl Benzene	11.51	91	2007884	55.25	ug/l	100
68) m/p-Xylenes	11.62	106	1546496	112.10	ug/l	100
69) o-Xylene	11.95	106	755930	57.00	ug/l	98
70) Styrene	11.96	104	1214493	51.91	ug/l	99
71) Bromoform	12.13	173	310883	55.27	ug/l #	100
73) Isopropylbenzene	12.25	105	2983766	71.78	ug/l	100
74) N-amyl acetate	12.05	43	2328715	222.96	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.50	83	781282	79.81	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	636710	72.41	ug/l #	100
77) Bromobenzene	12.53	156	513465	45.45	ug/l	99
78) n-propylbenzene	12.59	91	5713137	123.03	ug/l	99
79) 2-Chlorotoluene	12.68	91	1340643	46.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1632314	48.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	136170	52.35	ug/l #	82
82) 4-Chlorotoluene	12.77	91	1323958	46.37	ug/l	93
83) tert-Butylbenzene	12.99	119	1615392	55.61	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1666551	49.40	ug/l	99
85) sec-Butylbenzene	13.17	105	3355068	88.14	ug/l	86
86) p-Isopropyltoluene	13.29	119	1650034	50.88	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	861545	44.94	ug/l #	83
88) 1,4-Dichlorobenzene	13.36	146	843249	44.69	ug/l #	80
89) n-Butylbenzene	13.62	91	2246068	86.59	ug/l	96
90) Hexachloroethane	13.88	117	466411	75.36	ug/l	60
91) 1,2-Dichlorobenzene	13.65	146	838948	45.36	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78098	52.31	ug/l	92

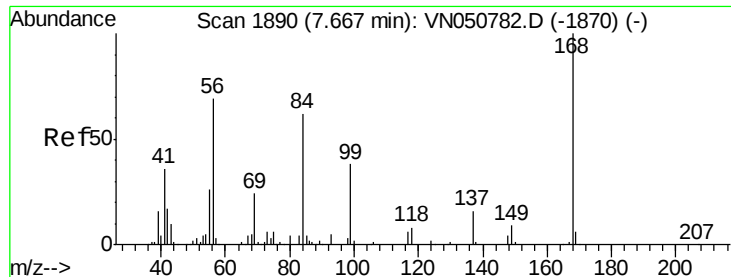
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	482191	50.11	ug/l #	89
94) Hexachlorobutadiene	15.01	225	339802	62.25	ug/l	99
95) Naphthalene	15.13	128	1113319	54.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	466843	51.64	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

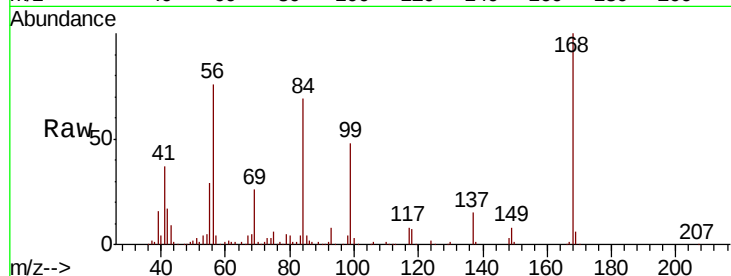
EP1-MW-C(15-20)MS

Tot Ion:168 Resp: 615415

Ion Ratio Lower Upper

168 100

99 47.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

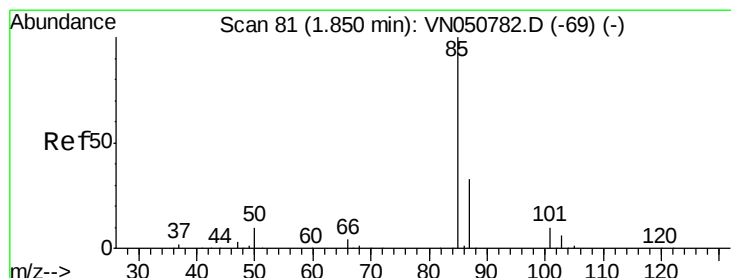
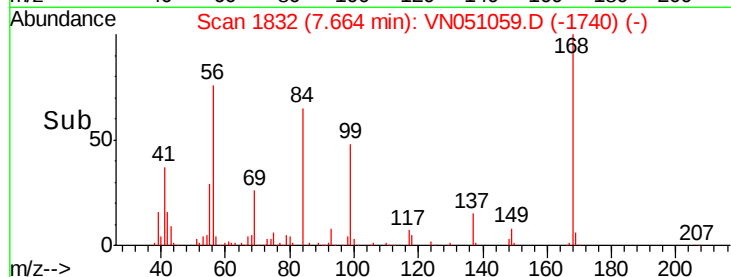
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.18 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051059.D

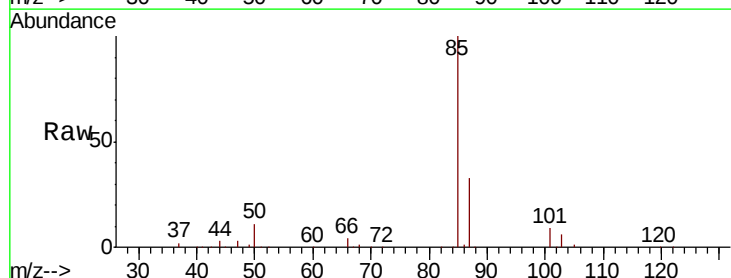
Acq: 7 Sep 2018 17:29

Tgt Ion: 85 Resp: 446250

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

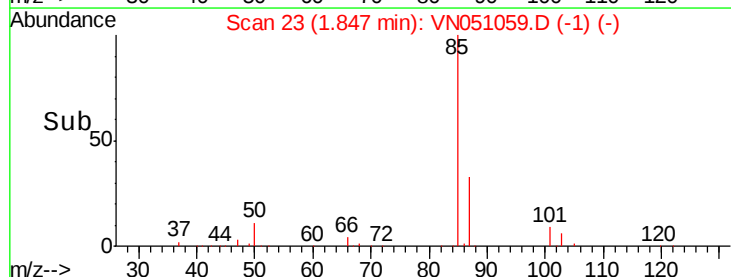
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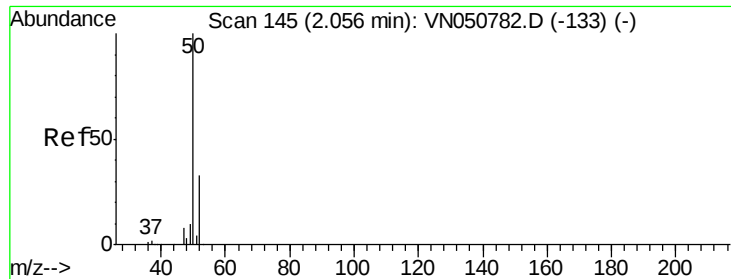
200000

100000

0

Time-->





#3

Chloromethane

Concen: 49.93 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

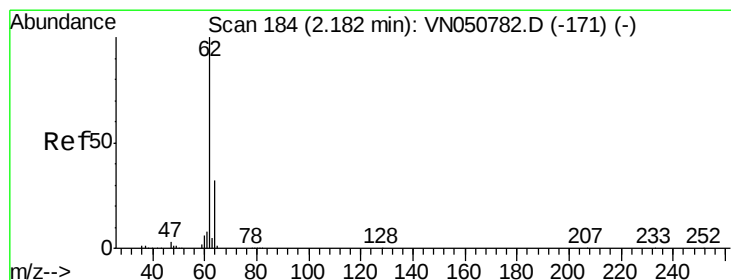
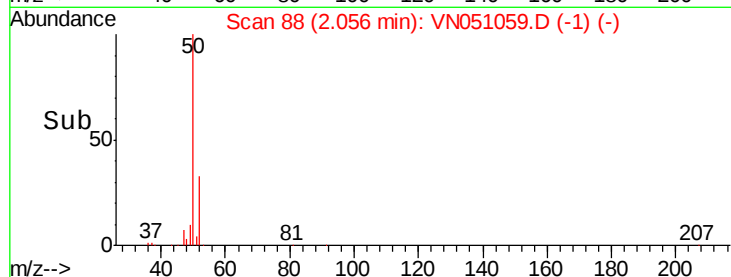
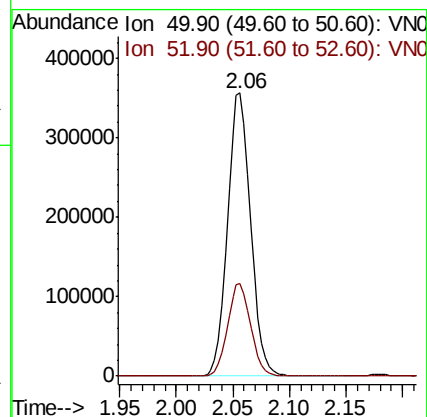
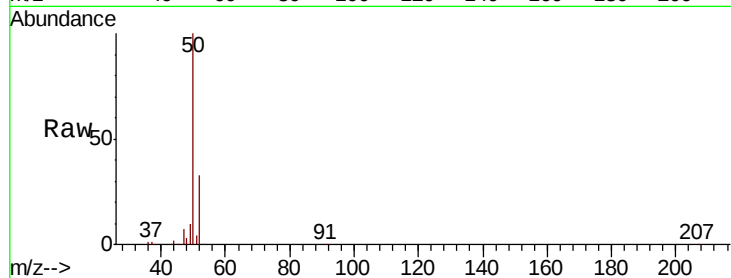
EP1-MW-C(15-20)MS

Tot Ion: 50 Resp: 507170

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



#4

Vinyl Chloride

Concen: 50.54 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN051059.D

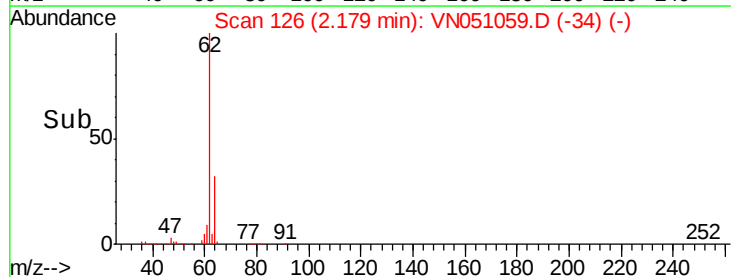
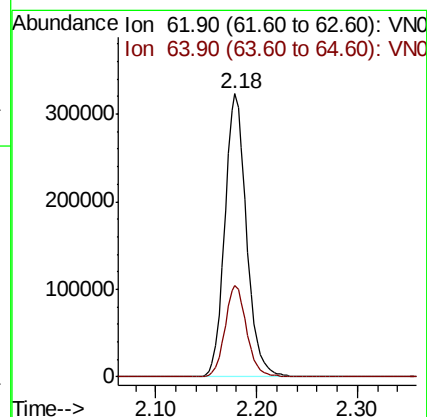
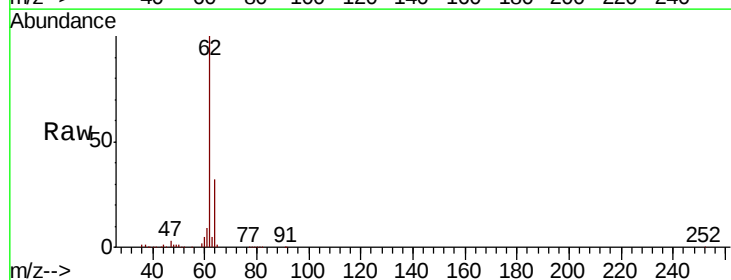
Acq: 7 Sep 2018 17:29

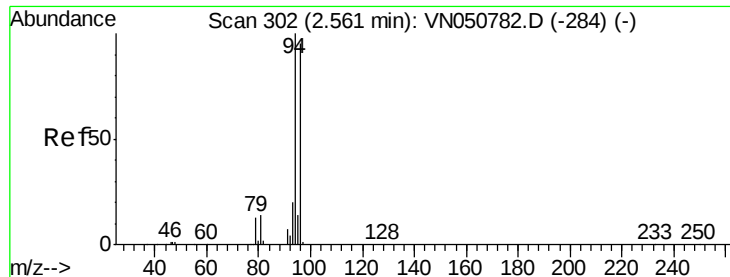
Tgt Ion: 62 Resp: 486346

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 36.91 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.04 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

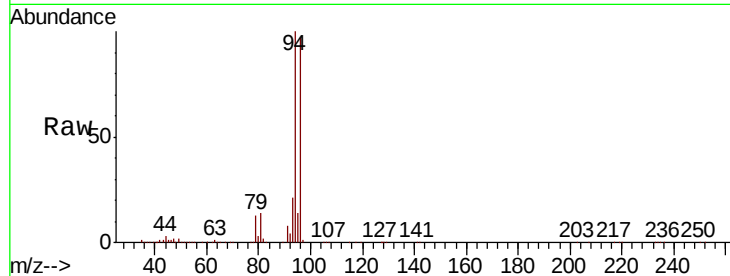
EP1-MW-C(15-20)MS

Tot Ion: 94 Resp: 203362

Ion Ratio Lower Upper

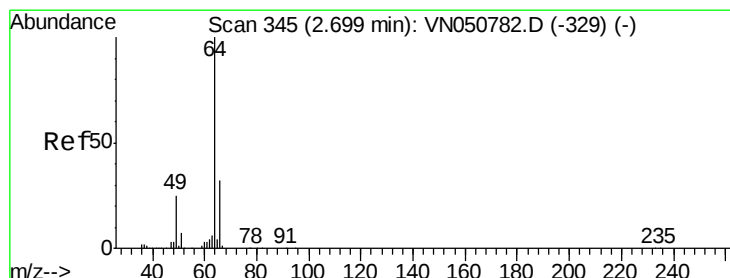
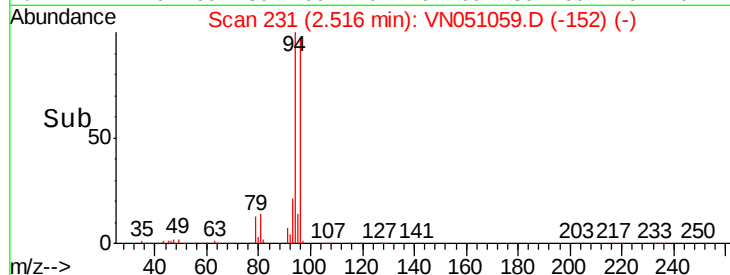
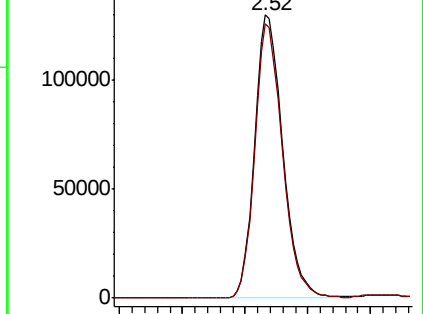
94 100

96 96.6 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN051059.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051059.D (-152) (-)



#6

Chloroethane

Concen: 47.15 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.03 min

Lab File: VN051059.D

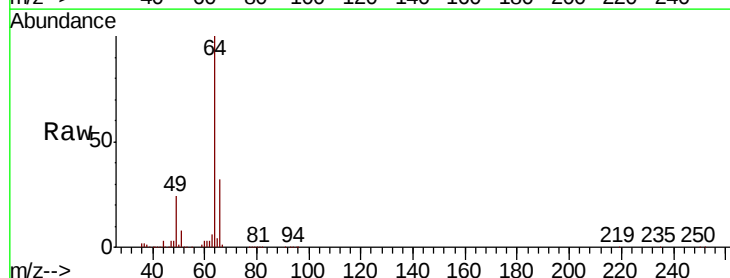
Acq: 7 Sep 2018 17:29

Tgt Ion: 64 Resp: 262138

Ion Ratio Lower Upper

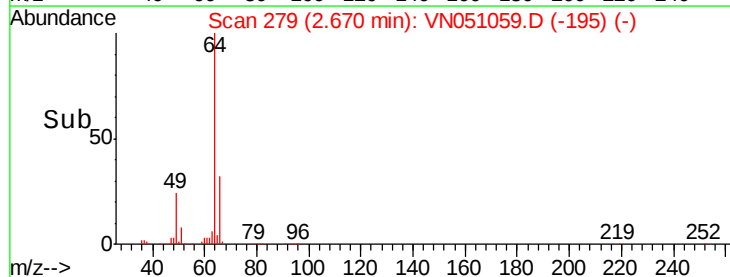
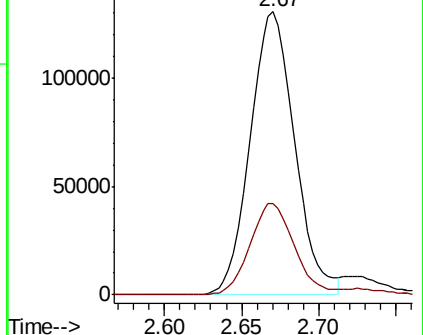
64 100

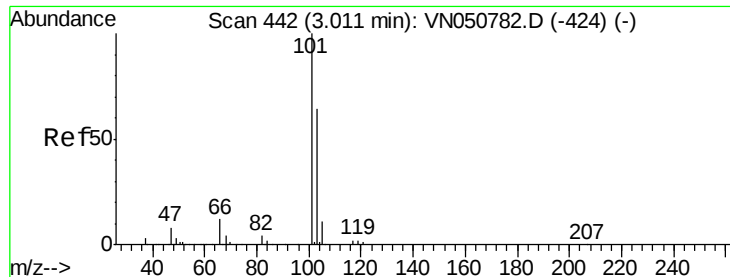
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN051059.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051059.D (-195) (-)



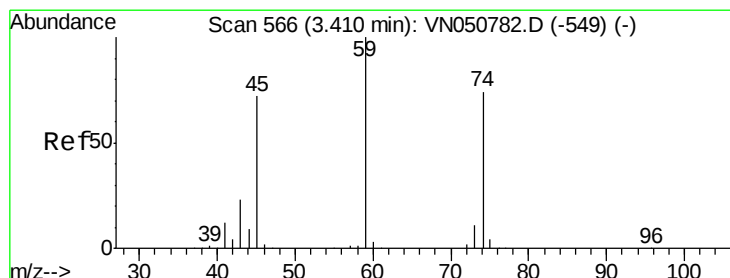
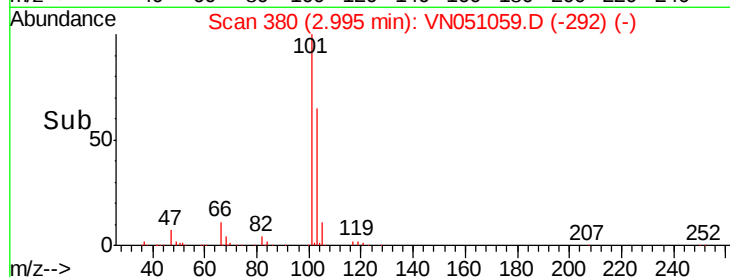
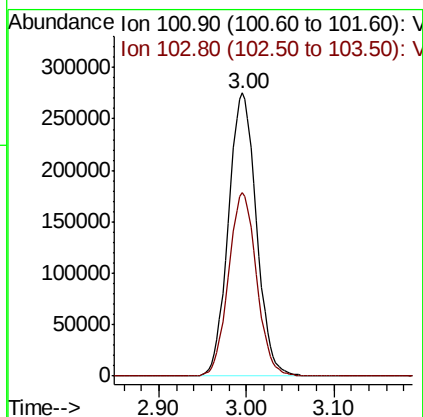
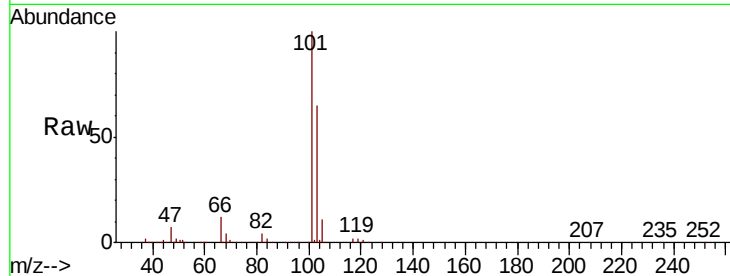


#7

Trichlorofluoromethane
Concen: 49.60 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.02 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Instrument :
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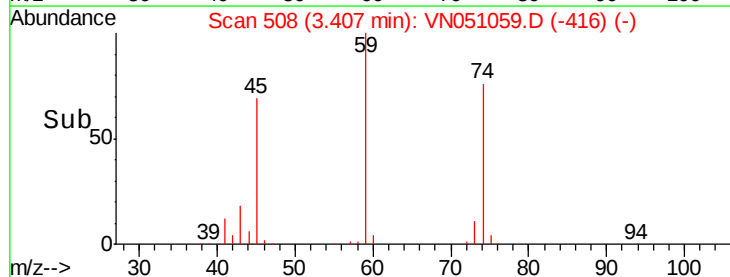
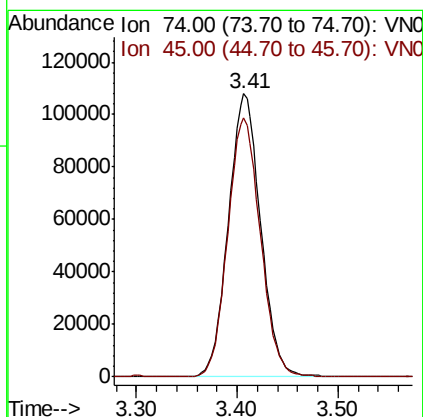
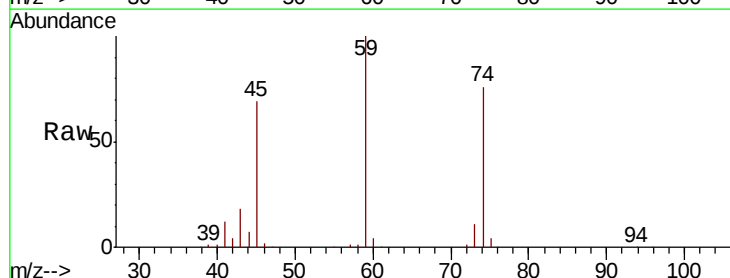
Tot Ion:101 Resp: 611161
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

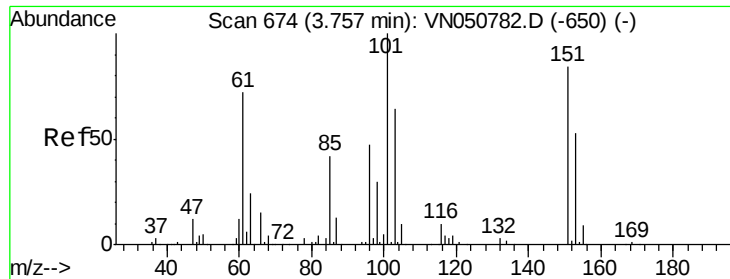


#8

Diethyl Ether
Concen: 57.20 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 74 Resp: 239677
Ion Ratio Lower Upper
74 100
45 92.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.04 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

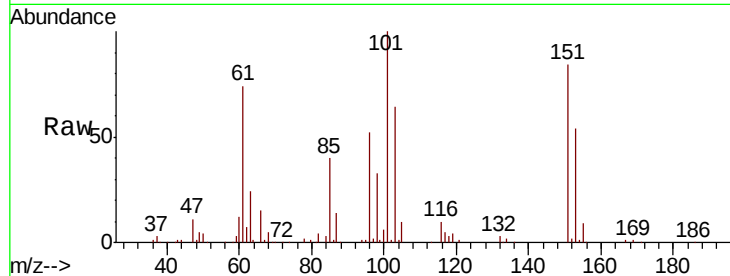
Tot Ion:101 Resp: 385223

Ion Ratio Lower Upper

101 100

85 40.0 33.7 50.5

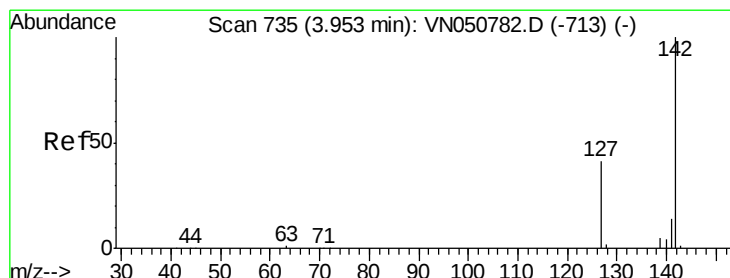
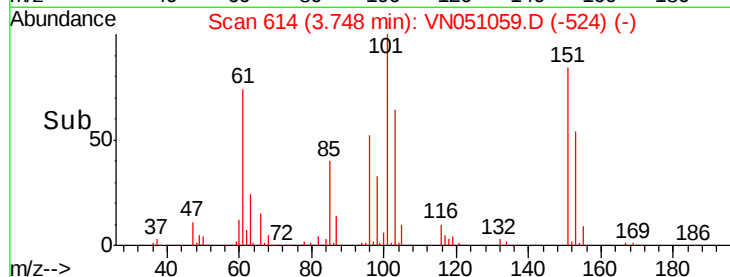
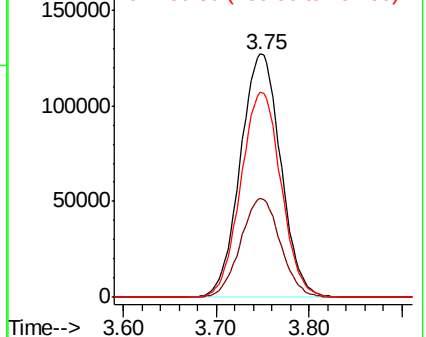
151 84.1 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.58 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

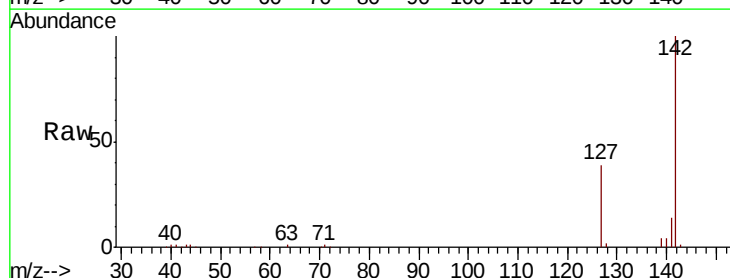
Tgt Ion:142 Resp: 326799

Ion Ratio Lower Upper

142 100

127 38.4 31.7 47.5

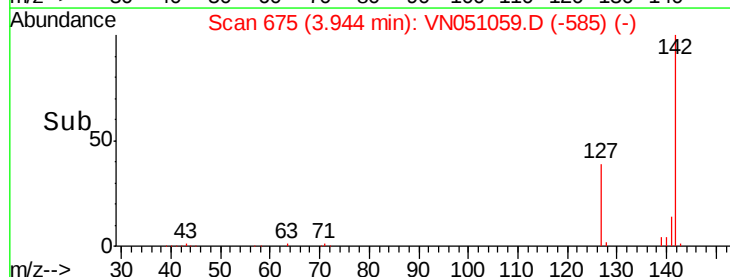
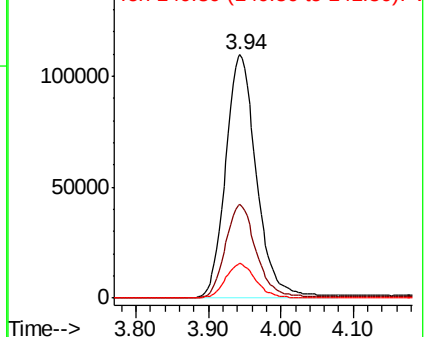
141 13.9 11.4 17.0

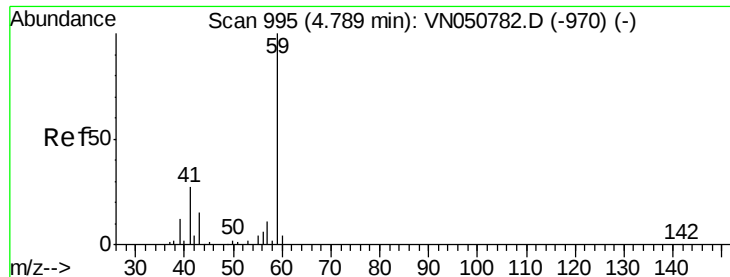


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 391.33 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

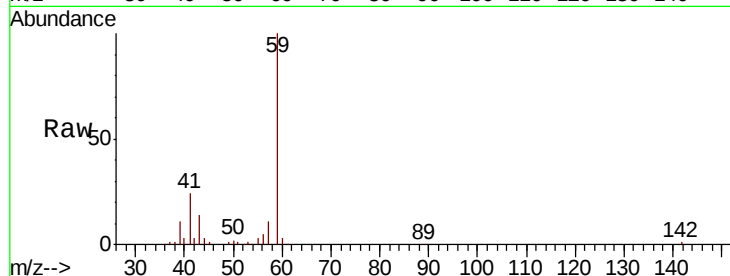
EP1-MW-C(15-20)MS

Tot Ion: 59 Resp: 184619

Ion Ratio Lower Upper

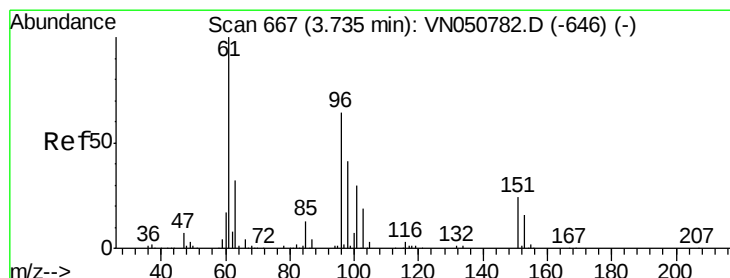
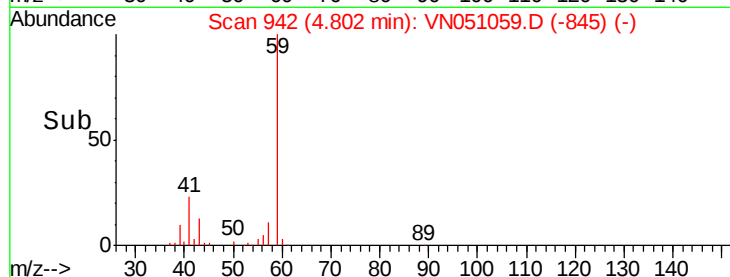
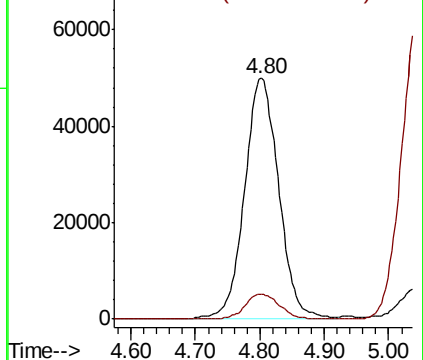
59 100

57 10.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 53.37 ug/l

RT: 3.73 min Scan# 607

Delta R.T. -0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

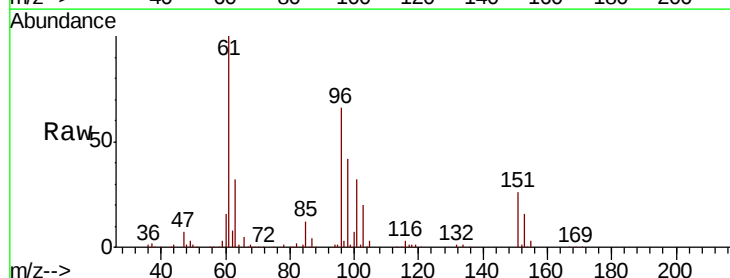
Tgt Ion: 96 Resp: 368904

Ion Ratio Lower Upper

96 100

61 151.8 124.9 187.3

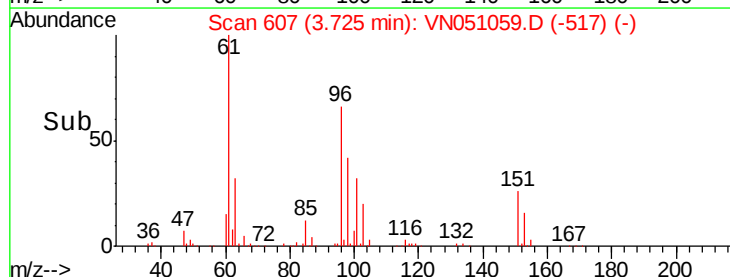
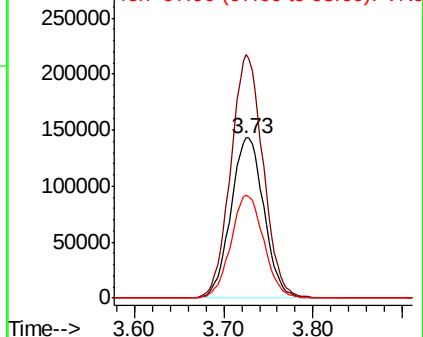
98 64.1 51.1 76.7

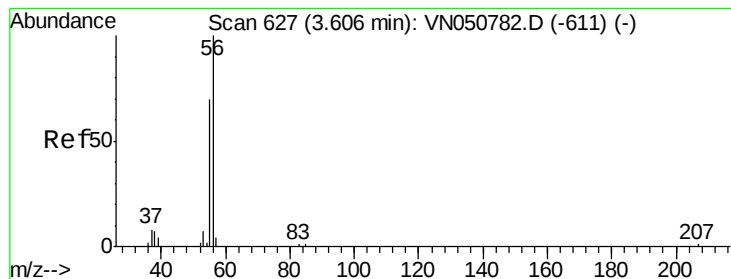


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 231.89 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

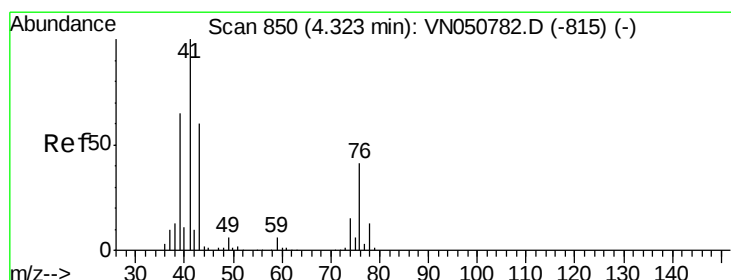
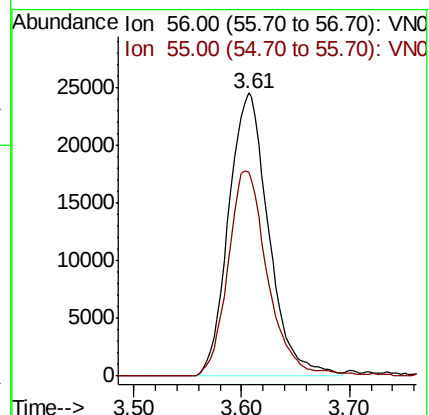
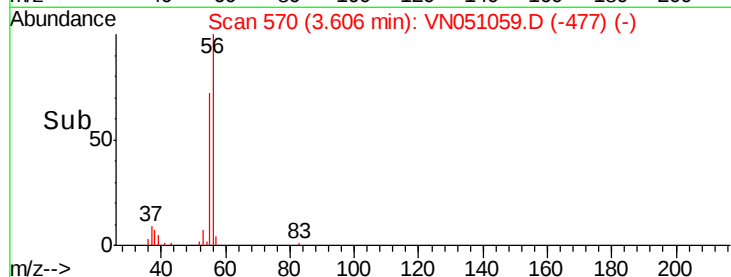
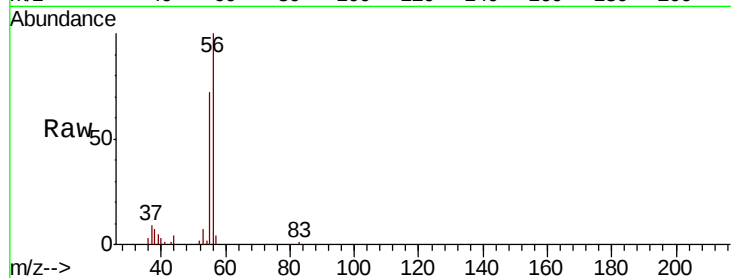
EP1-MW-C(15-20)MS

Tot Ion: 56 Resp: 63499

Ion Ratio Lower Upper

56 100

55 71.5 57.7 86.5



#14

Allyl chloride

Concen: 52.92 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

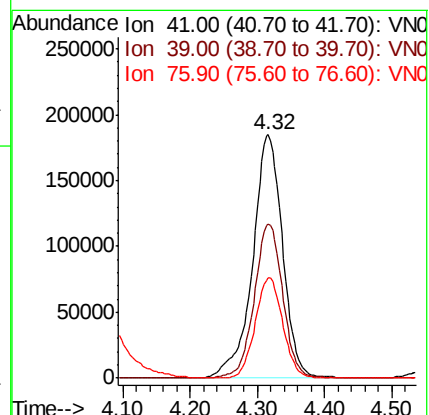
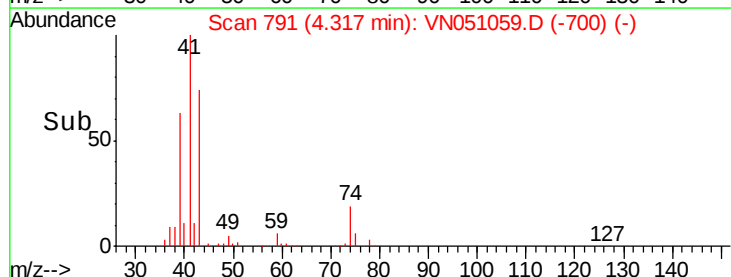
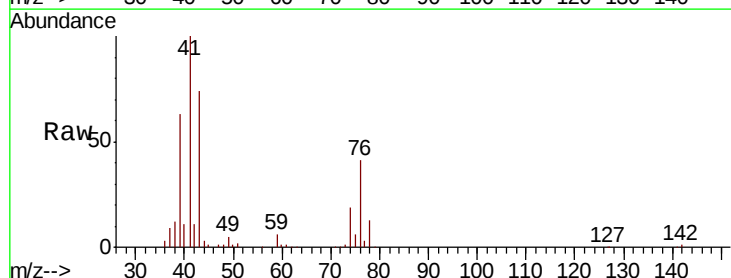
Tgt Ion: 41 Resp: 570012

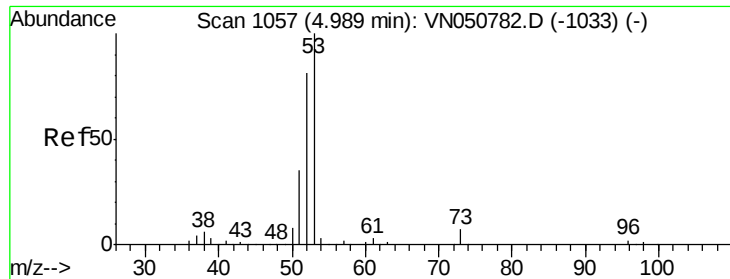
Ion Ratio Lower Upper

41 100

39 60.3 50.2 75.2

76 37.5 29.8 44.8

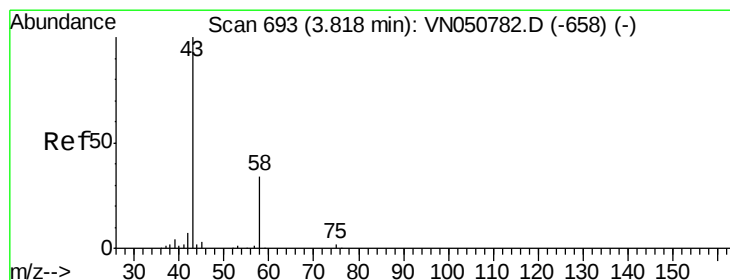
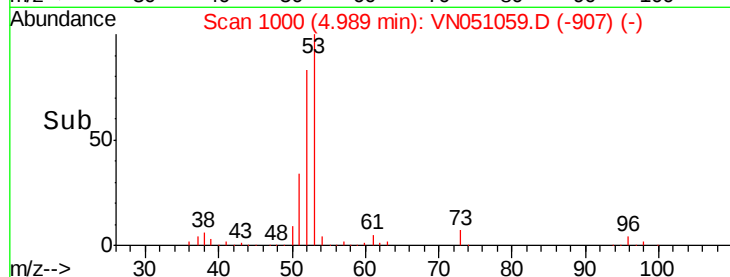
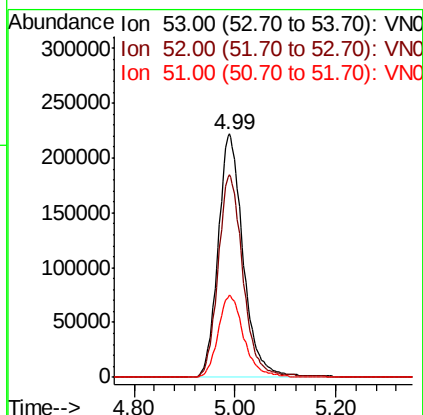
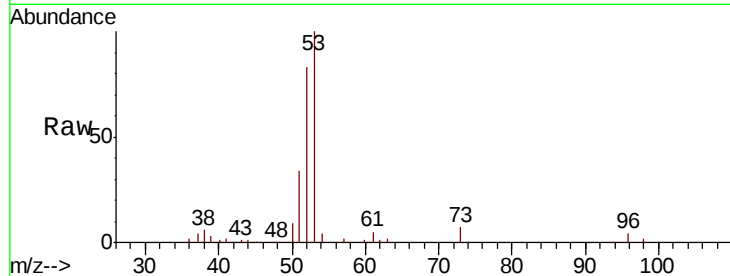




#15
 Acrylonitrile
 Concen: 320.20 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

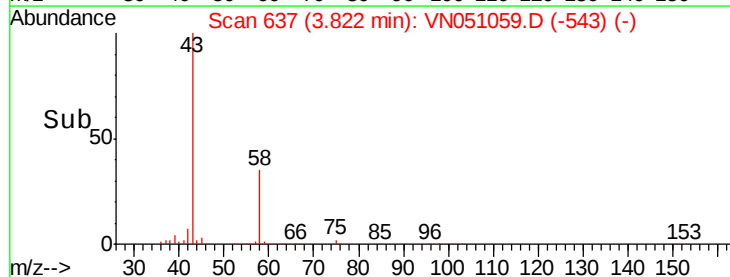
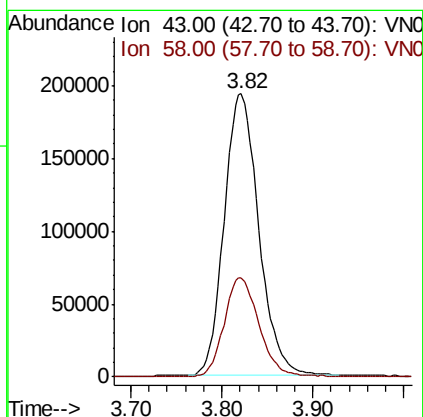
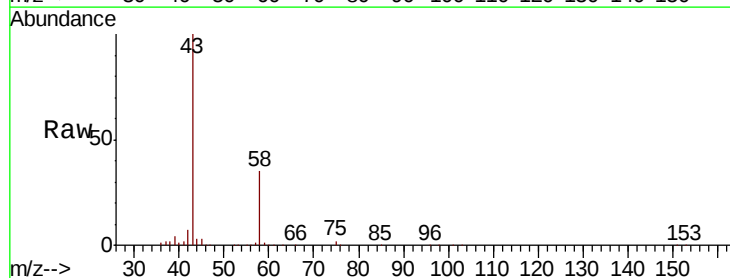
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

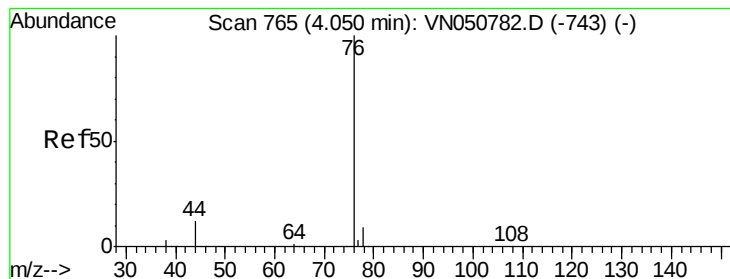
Tot Ion: 53 Resp: 767719
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.9 98.9
 51 34.6 28.6 43.0



#16
 Acetone
 Concen: 292.58 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion: 43 Resp: 511192
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.2 40.8





#17

Carbon Disulfide

Concen: 47.35 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

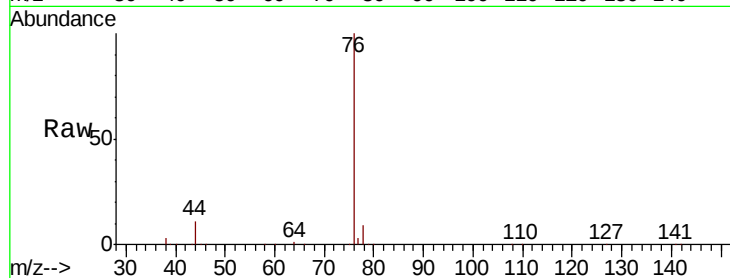
EP1-MW-C(15-20)MS

Tot Ion: 76 Resp: 1097119

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050782.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN050782.D (-743) (-)

4.04

400000

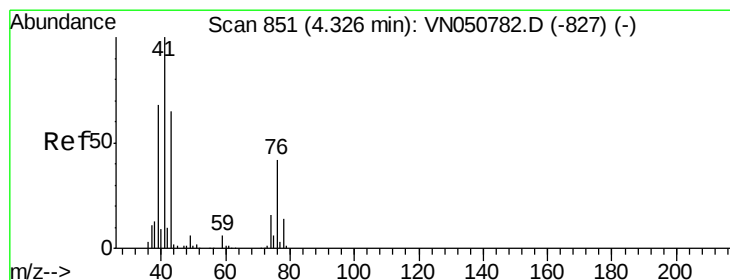
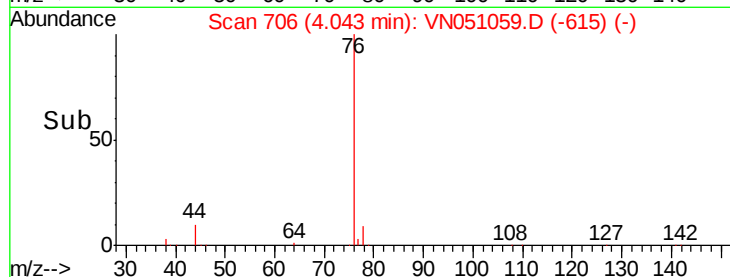
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 62.07 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051059.D

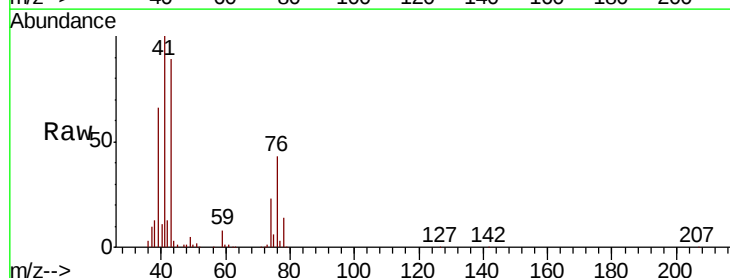
Acq: 7 Sep 2018 17:29

Tgt Ion: 43 Resp: 434242

Ion Ratio Lower Upper

43 100

74 25.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-827) (-)

Ion 74.00 (73.70 to 74.70): VN050782.D (-827) (-)

4.32

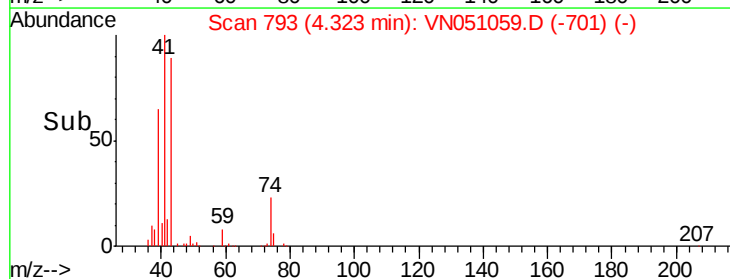
150000

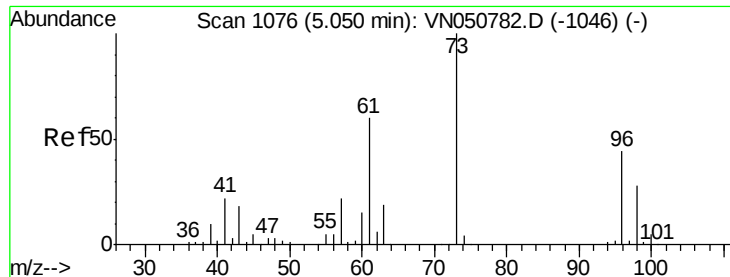
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 61.07 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

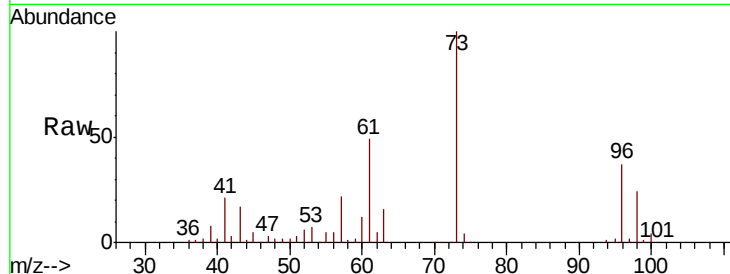
EP1-MW-C(15-20)MS

Tot Ion: 73 Resp: 1061837

Ion Ratio Lower Upper

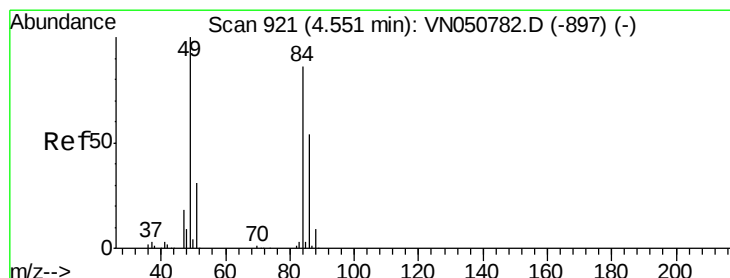
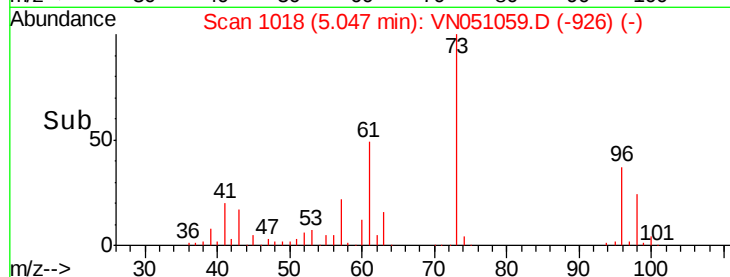
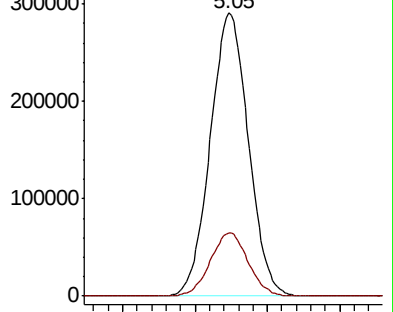
73 100

57 22.3 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VN050782.D (-1046) (-)

Ion 57.00 (56.70 to 57.70): VN050782.D (-1046) (-)



#20

Methylene Chloride

Concen: 50.08 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.01 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Tgt Ion: 84 Resp: 418154

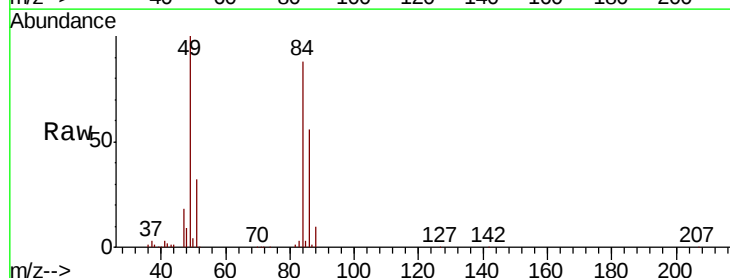
Ion Ratio Lower Upper

84 100

49 113.2 93.2 139.8

51 36.3 29.0 43.6

86 63.8 49.8 74.8

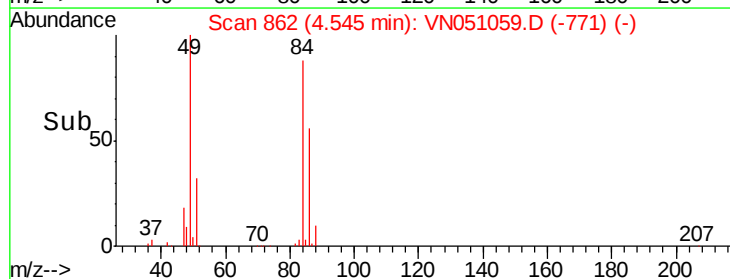
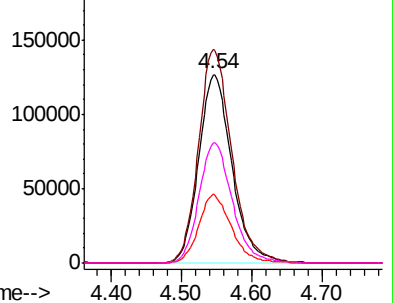


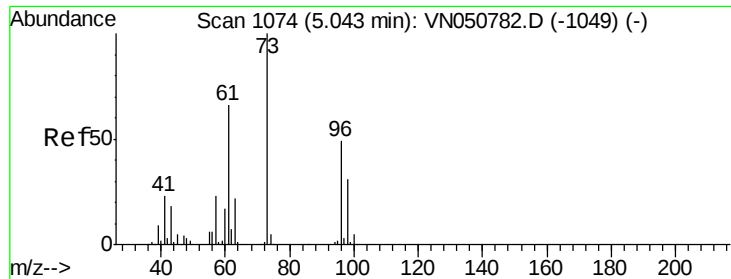
Abundance Ion 83.90 (83.60 to 84.60): VN050782.D (-897) (-)

Ion 48.90 (48.60 to 49.60): VN050782.D (-897) (-)

Ion 50.90 (50.60 to 51.60): VN050782.D (-897) (-)

Ion 85.90 (85.60 to 86.60): VN050782.D (-897) (-)

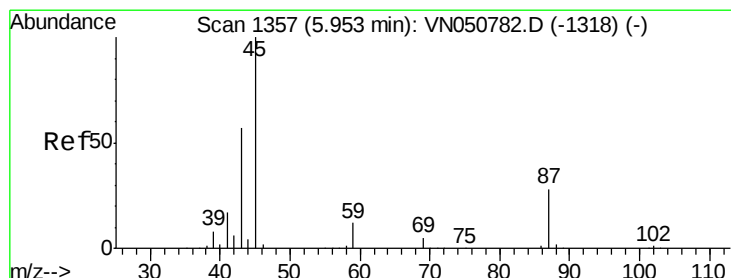
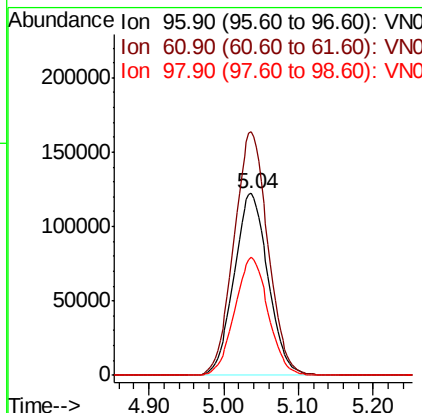
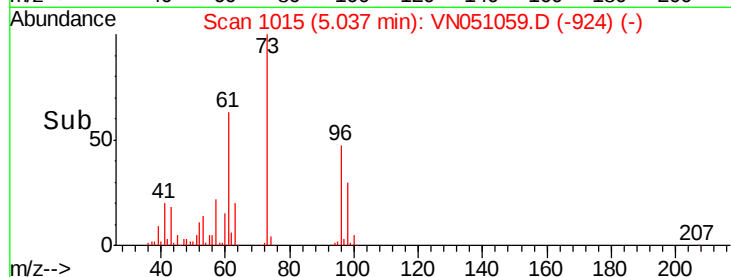
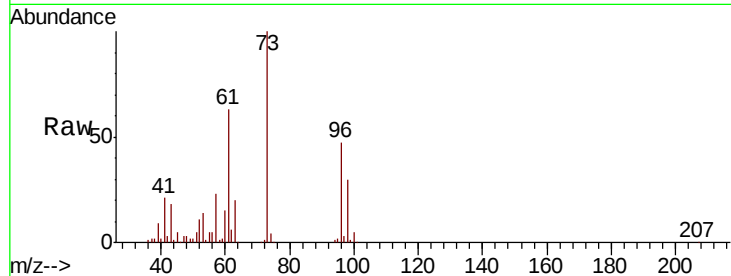




#21
trans-1,2-Dichloroethene
Concen: 51.76 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

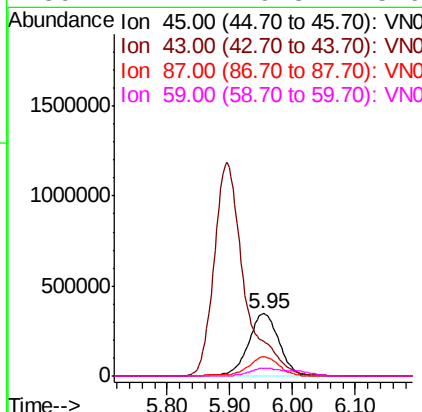
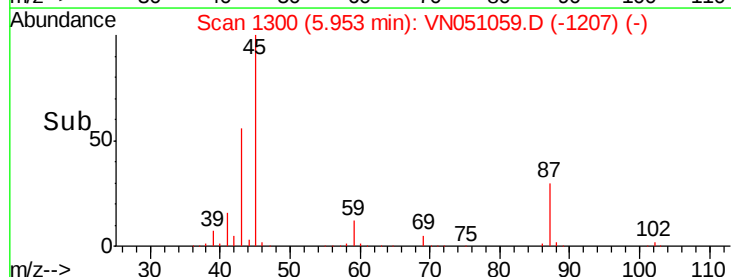
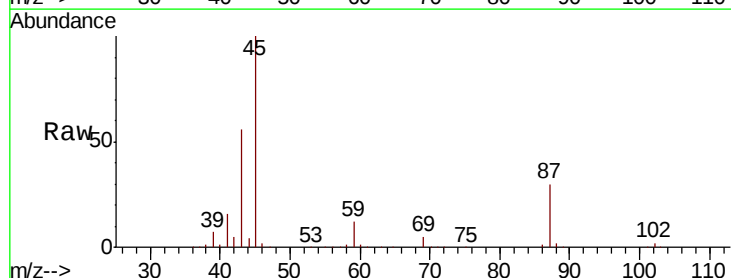
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

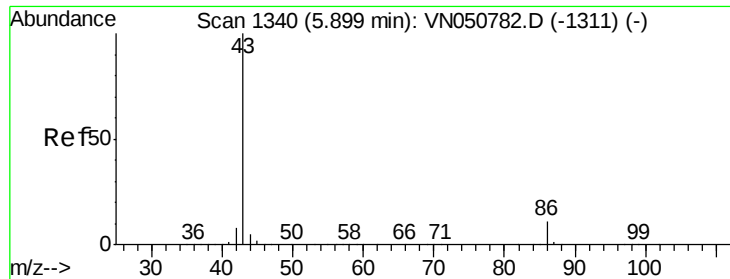
Tot Ion: 96 Resp: 386949
Ion Ratio Lower Upper
96 100
61 134.0 107.4 161.0
98 64.9 50.7 76.1



#22
Diisopropyl ether
Concen: 55.04 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 45 Resp: 1181369
Ion Ratio Lower Upper
45 100
43 54.9 45.9 68.9
87 30.4 22.7 34.1
59 12.2 9.3 13.9





#23

Vinyl Acetate

Concen: 288.65 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

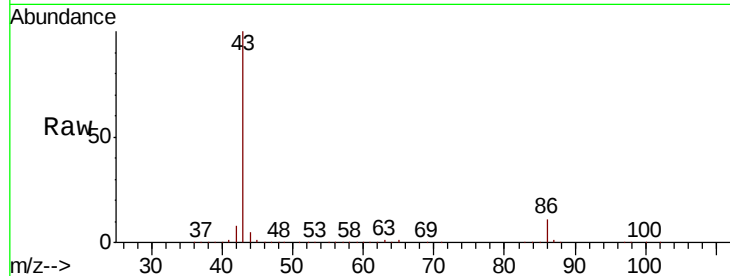
EP1-MW-C(15-20)MS

Tot Ion: 43 Resp: 3990085

Ion Ratio Lower Upper

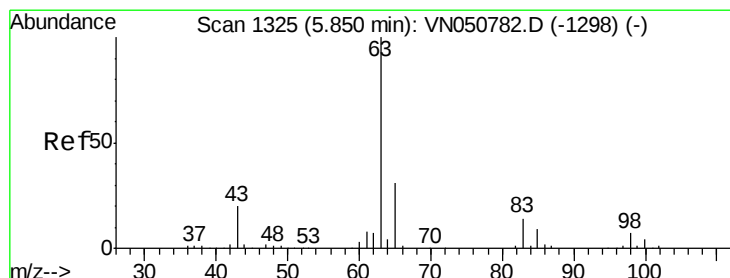
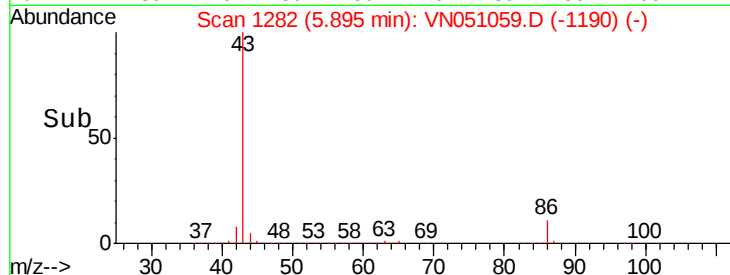
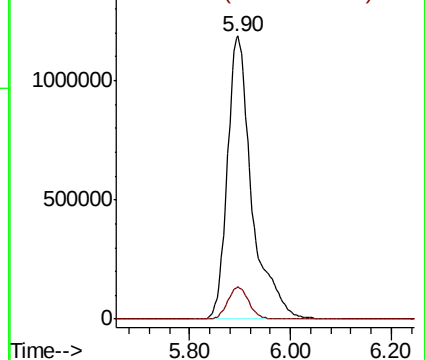
43 100

86 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.94 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

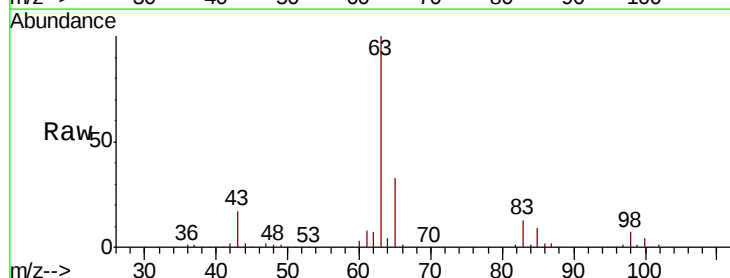
Tgt Ion: 63 Resp: 701934

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

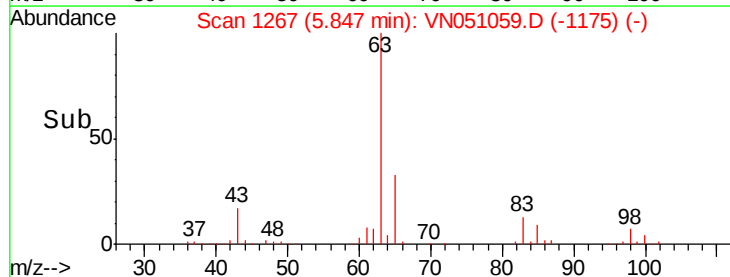
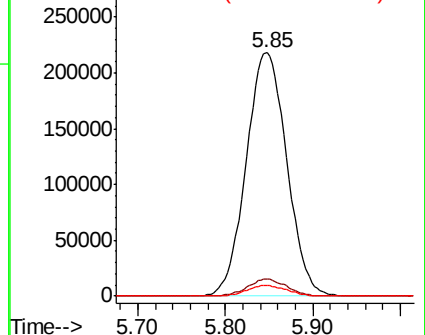
100 4.4 2.1 6.5

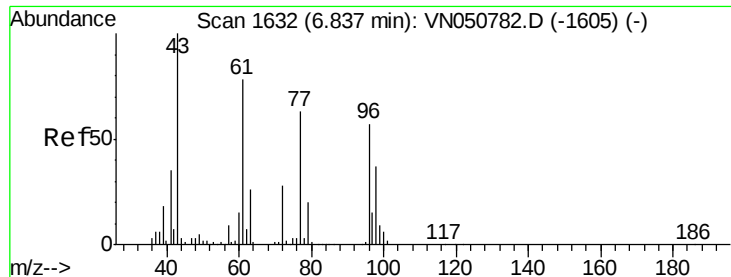


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

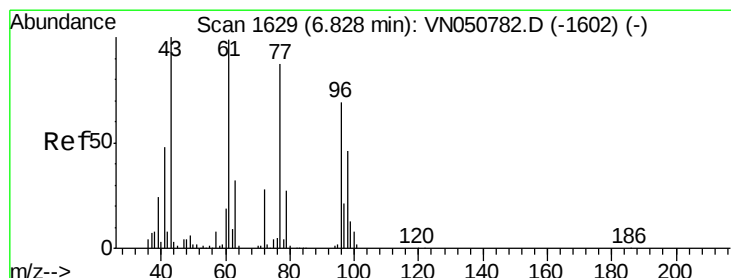
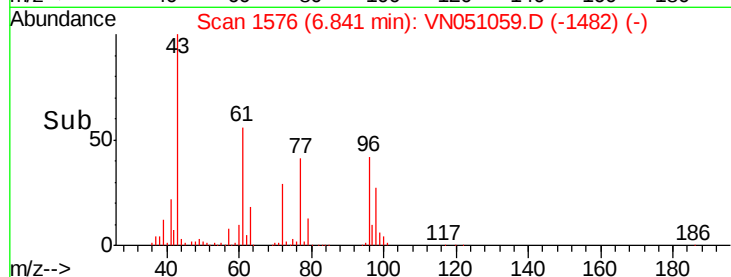
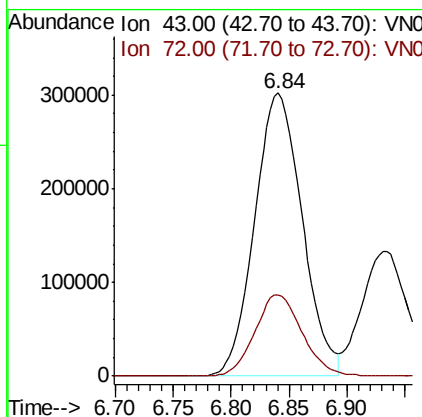
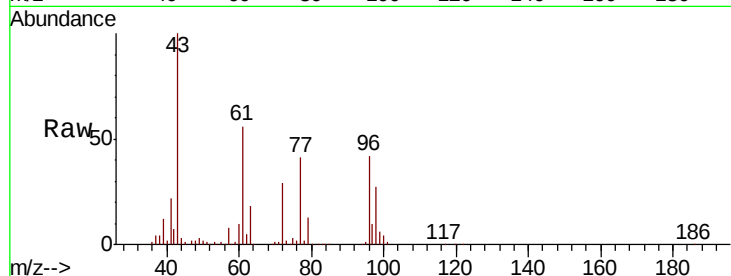




#25
 2-Butanone
 Concen: 288.54 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

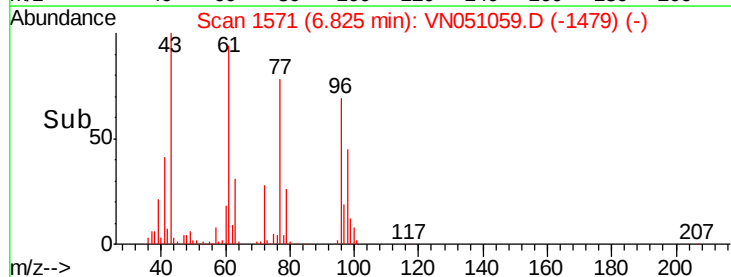
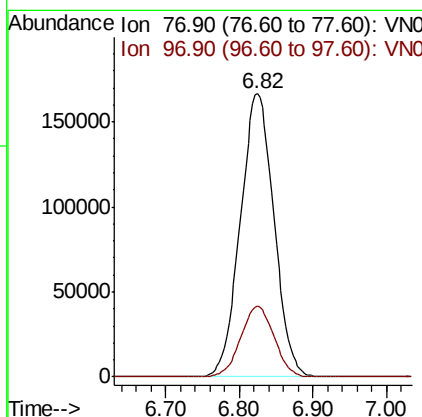
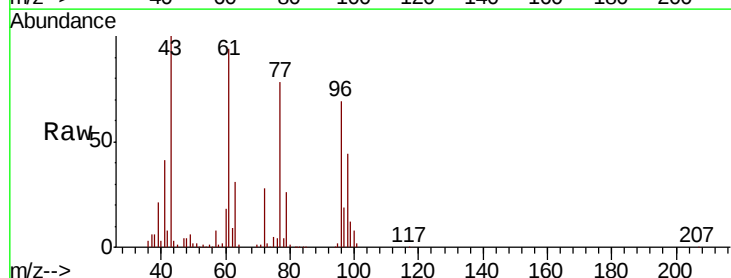
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

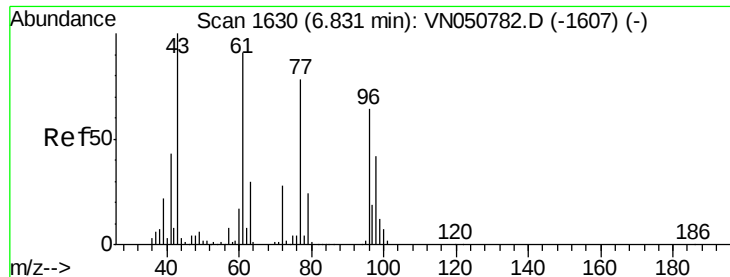
Tot Ion: 43 Resp: 861479
 Ion Ratio Lower Upper
 43 100
 72 28.9 22.3 33.5



#26
 2,2-Dichloropropane
 Concen: 47.81 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion: 77 Resp: 529434
 Ion Ratio Lower Upper
 77 100
 97 24.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 54.21 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

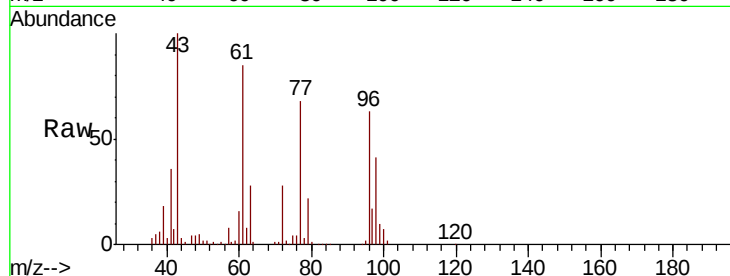
Tot Ion: 96 Resp: 436885

Ion Ratio Lower Upper

96 100

61 138.2 0.0 283.4

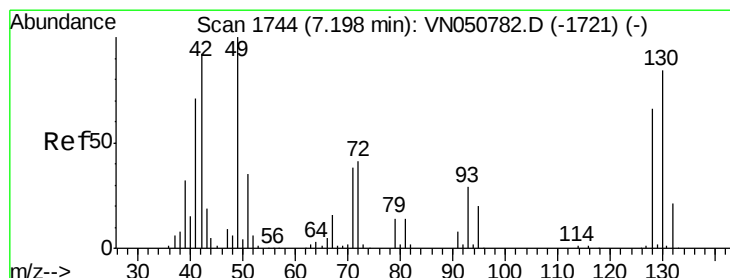
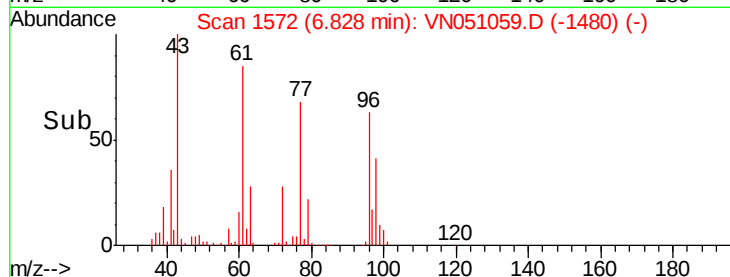
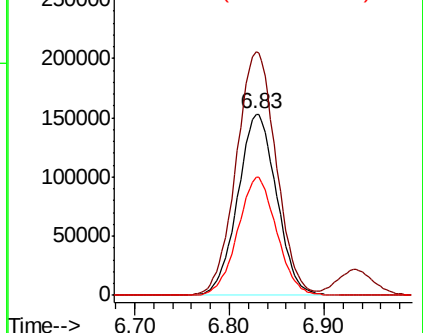
98 65.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN051059.D (-1572) (-)

Ion 60.90 (60.60 to 61.60): VN051059.D (-1572) (-)

Ion 97.90 (97.60 to 98.60): VN051059.D (-1572) (-)



#28

Bromochloromethane

Concen: 46.03 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

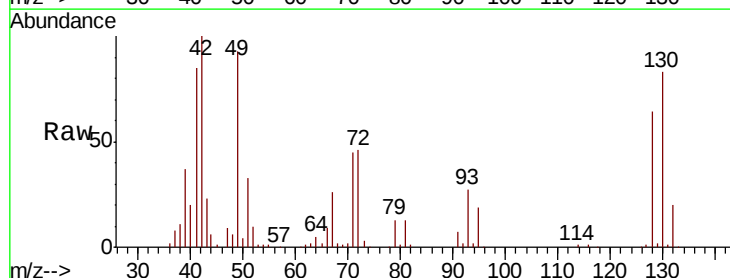
Tgt Ion: 49 Resp: 269545

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

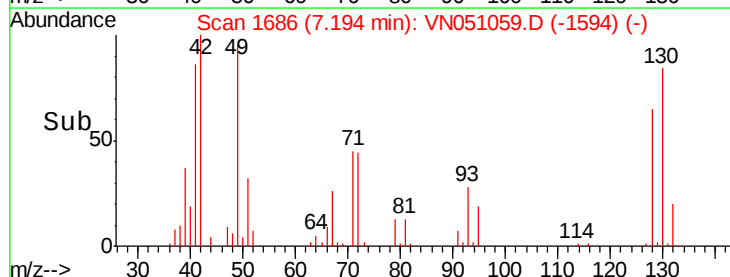
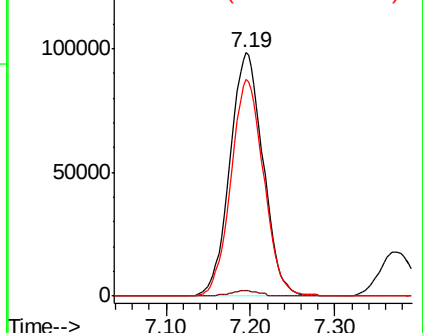
130 87.7 67.1 100.7

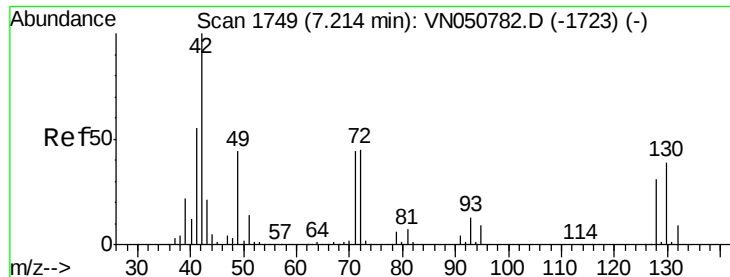


Abundance Ion 48.90 (48.60 to 49.60): VN051059.D (-1686) (-)

Ion 128.80 (128.50 to 129.50): VN051059.D (-1686) (-)

Ion 129.80 (129.50 to 130.50): VN051059.D (-1686) (-)





#29

Tetrahydrofuran

Concen: 336.55 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

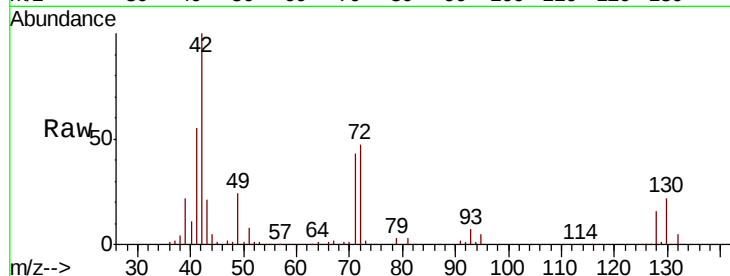
Tot Ion: 42 Resp: 576108

Ion Ratio Lower Upper

42 100

72 46.9 35.5 53.3

71 44.2 33.7 50.5

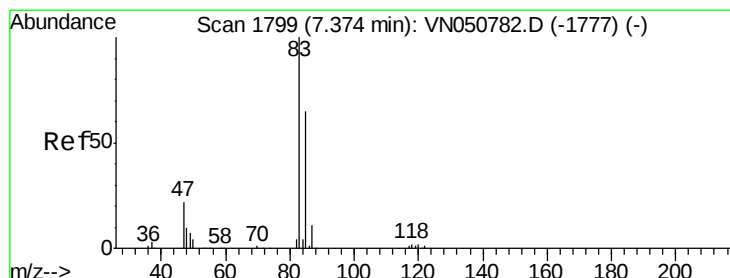
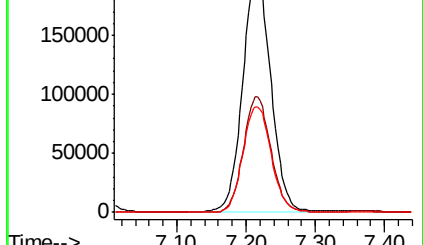
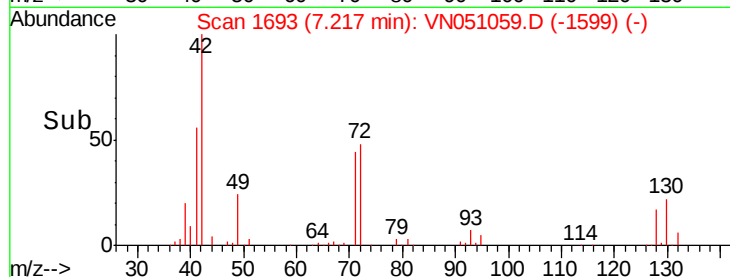


Abundance Ion 42.00 (41.70 to 42.70): VN050782.D (-1723) (-)

Ion 72.00 (71.70 to 72.70): VN050782.D (-1723) (-)

Ion 71.00 (70.70 to 71.70): VN050782.D (-1723) (-)

Time-->



#30

Chloroform

Concen: 51.09 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051059.D

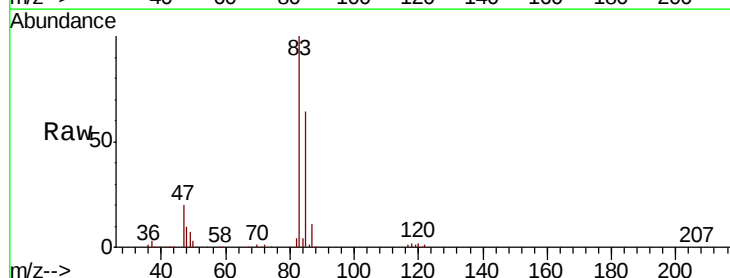
Acq: 7 Sep 2018 17:29

Tgt Ion: 83 Resp: 697193

Ion Ratio Lower Upper

83 100

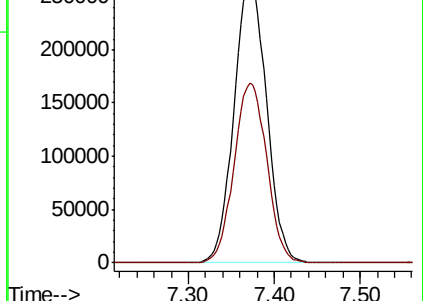
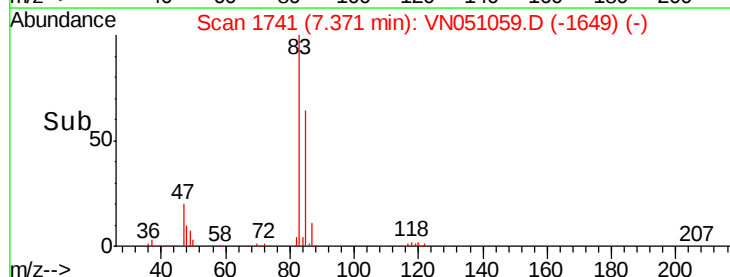
85 63.6 52.2 78.4

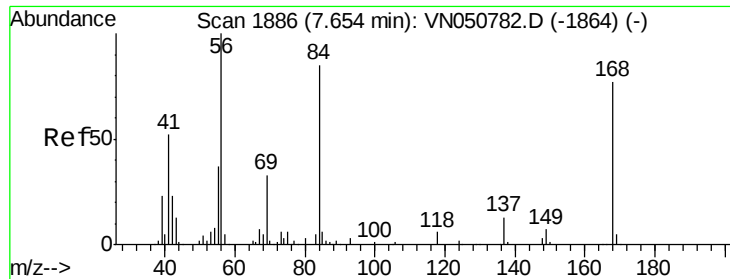


Abundance Ion 82.90 (82.60 to 83.60): VN050782.D (-1777) (-)

Ion 84.90 (84.60 to 85.60): VN050782.D (-1777) (-)

Time-->

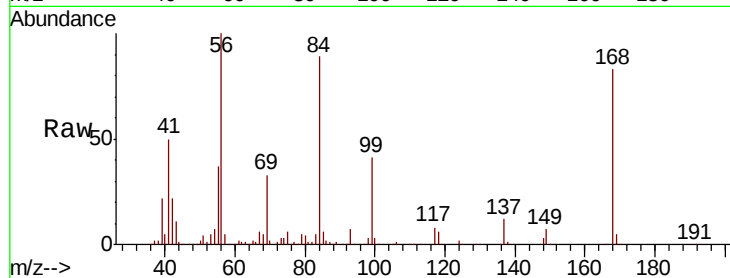




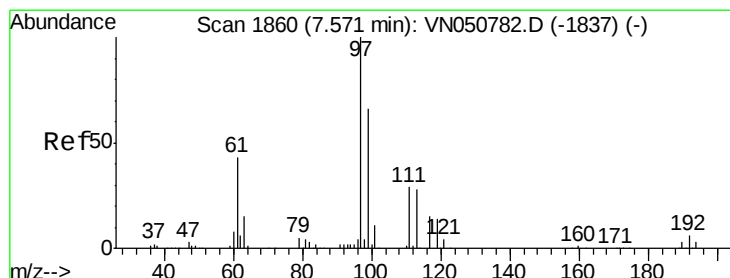
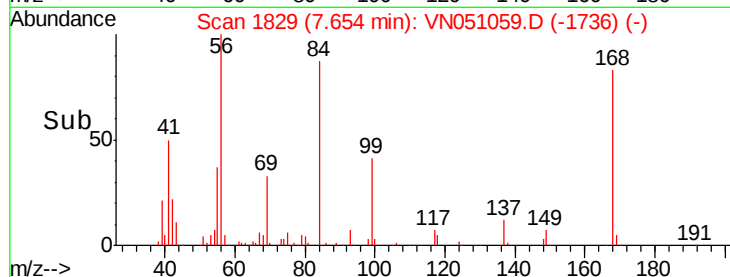
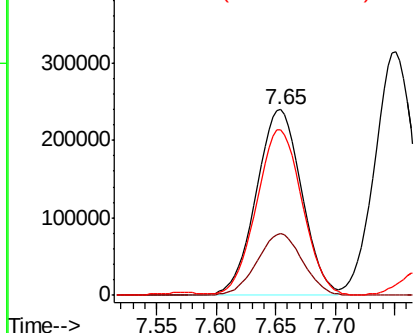
#31
Cyclohexane
Concen: 50.65 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

Tot Ion: 56 Resp: 634459
Ion Ratio Lower Upper
56 100
69 33.3 26.2 39.4
84 88.0 68.3 102.5

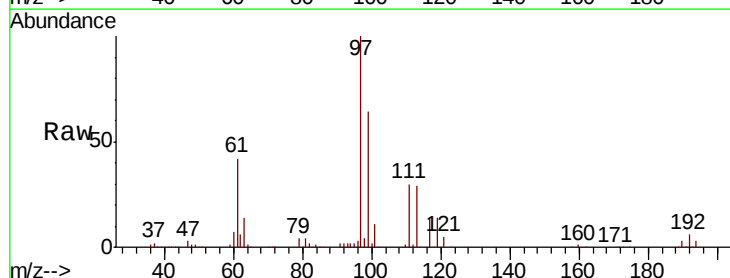


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

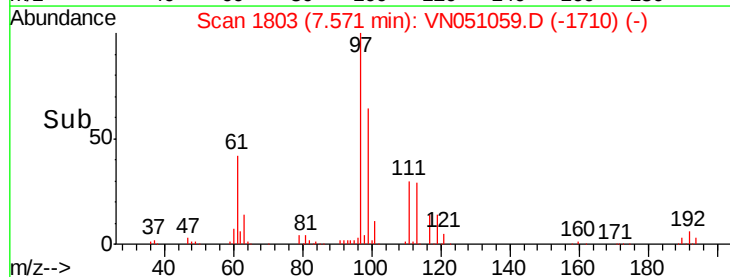
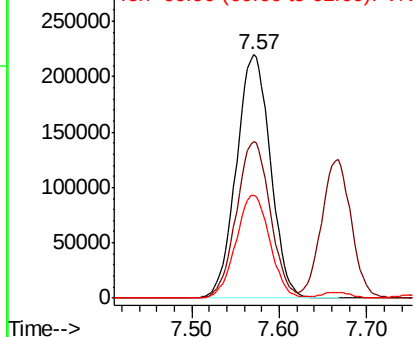


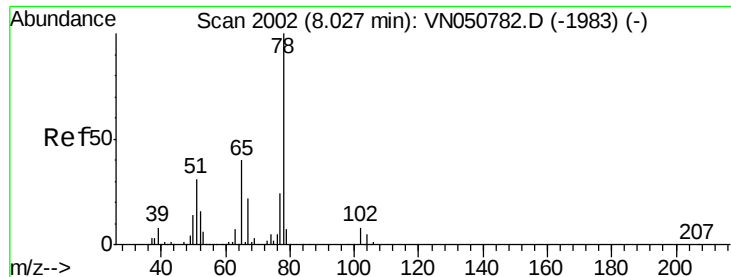
#32
1,1,1-Trichloroethane
Concen: 50.57 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 97 Resp: 592711
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 42.1 34.9 52.3



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

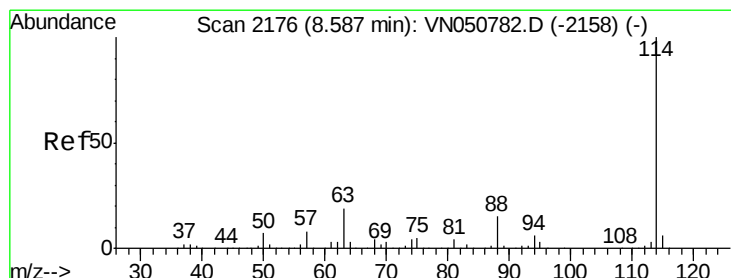
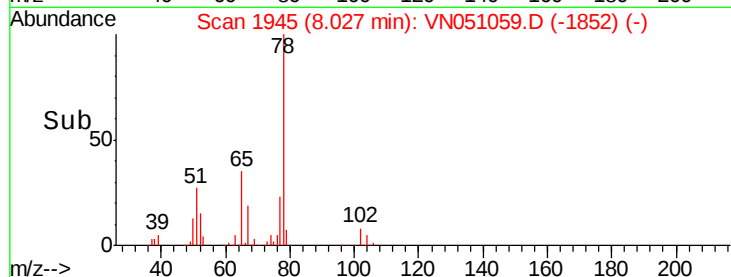
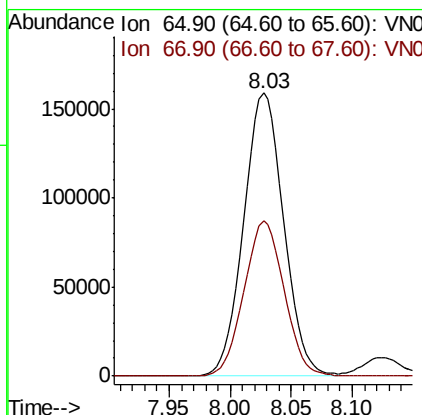
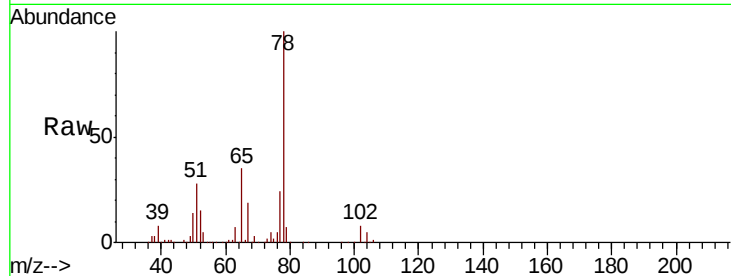




#33
 1,2-Dichloroethane-d4
 Concen: 48.60 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

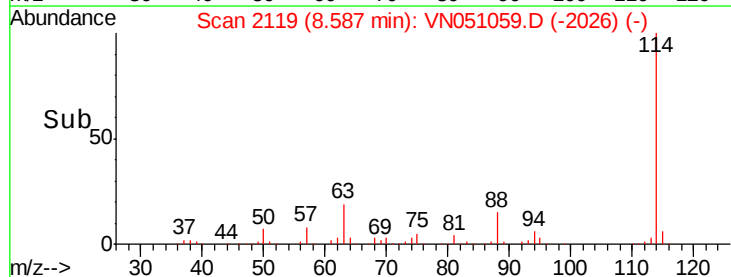
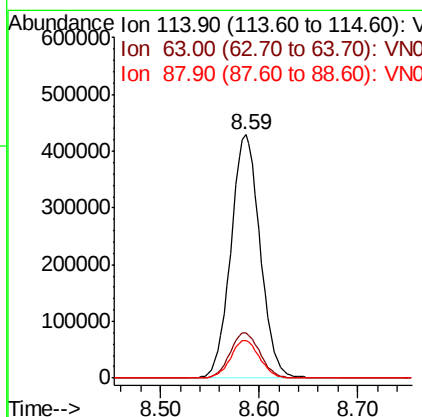
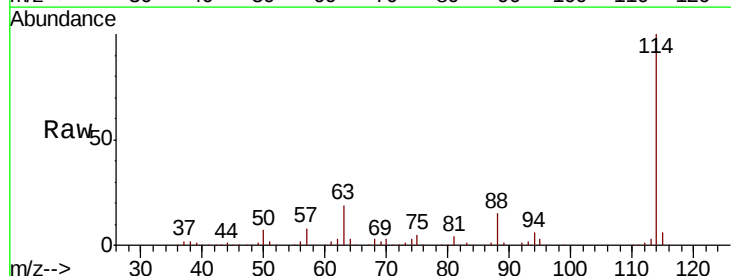
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

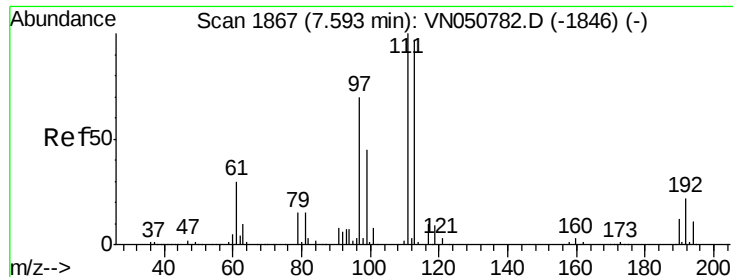
Tot Ion: 65 Resp: 360072
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion: 114 Resp: 884937
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.5 0.0 30.6

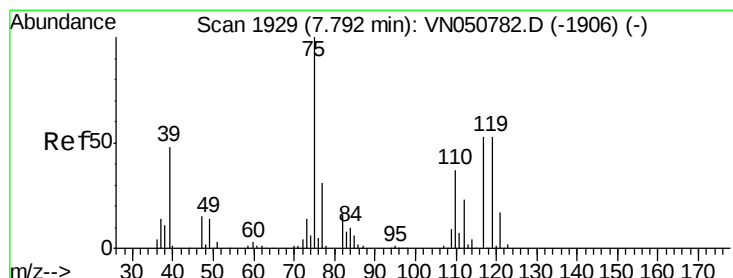
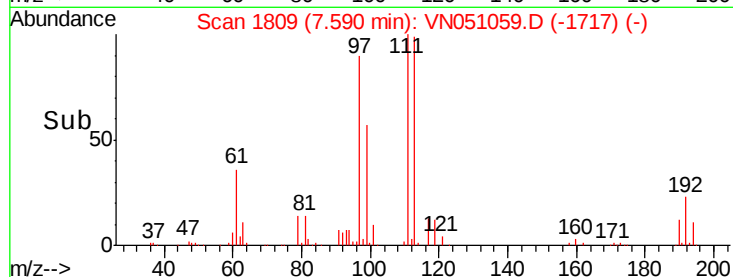
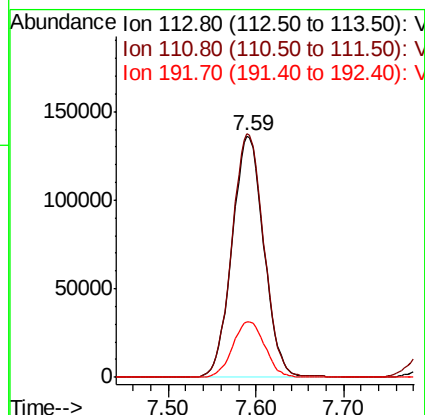
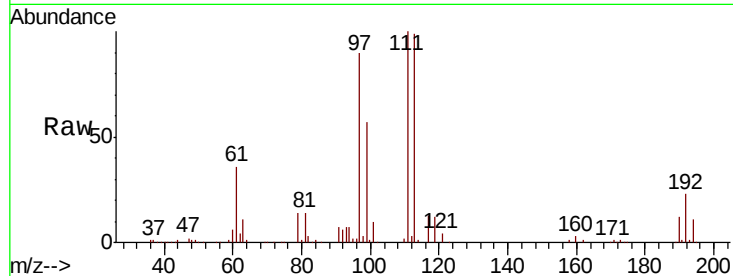




#35
 Dibromofluoromethane
 Concen: 48.80 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

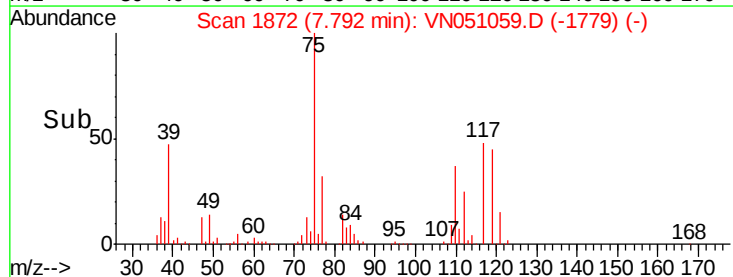
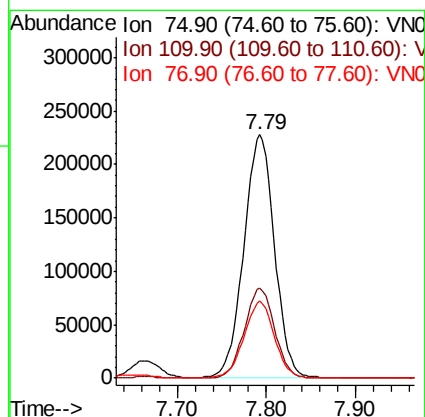
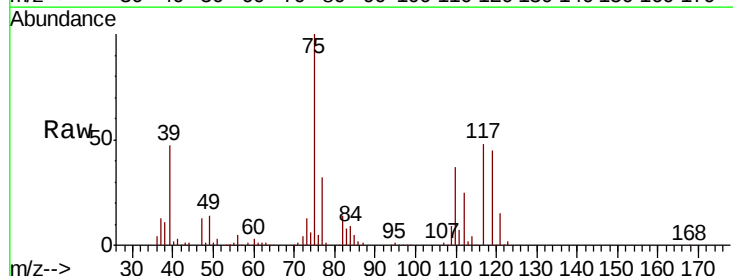
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

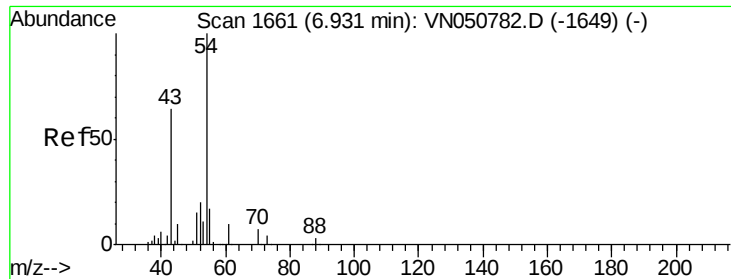
Tot Ion:113 Resp: 343561
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 23.3 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 51.95 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion: 75 Resp: 542489
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.4
 77 31.5 24.8 37.2

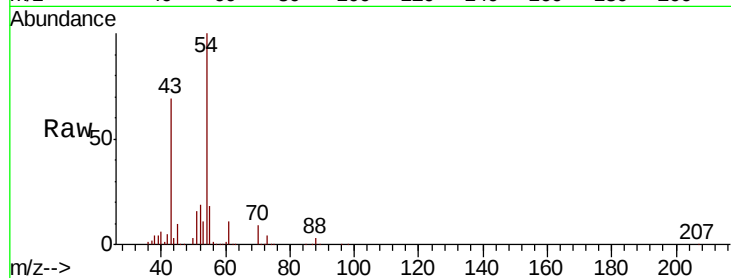




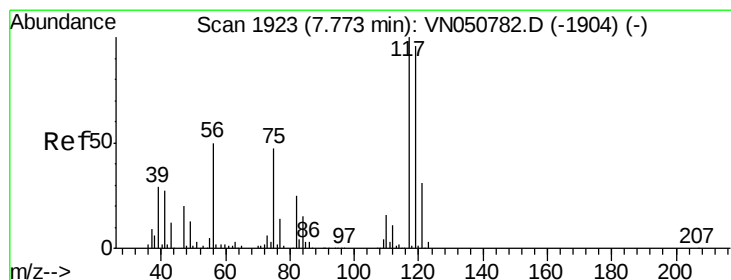
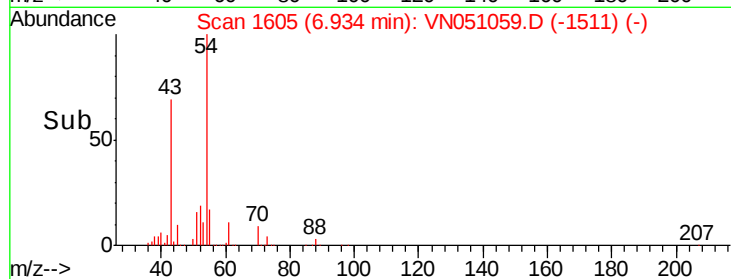
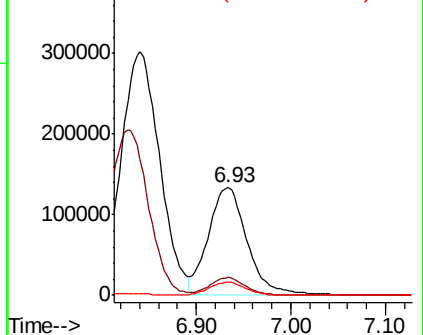
#37
Ethyl Acetate
Concen: 63.16 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

Tot Ion: 43 Resp: 378862
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 11.5 8.6 13.0

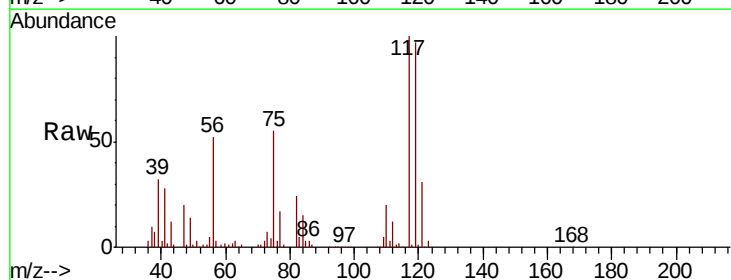


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

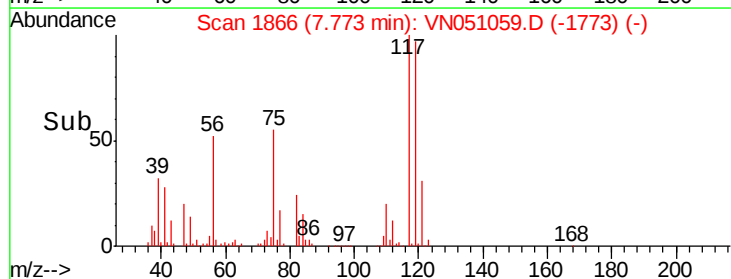
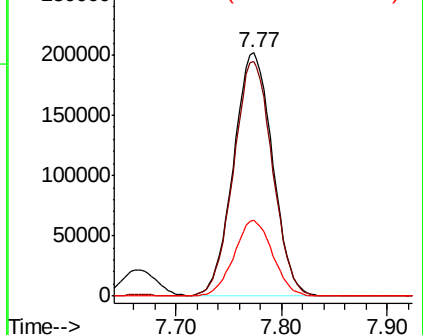


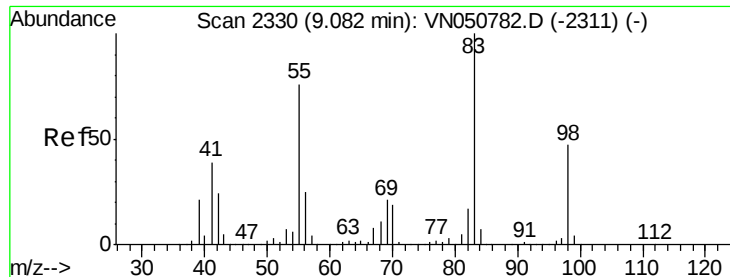
#38
Carbon Tetrachloride
Concen: 49.15 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 117 Resp: 518834
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5
121 31.1 24.6 36.8



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

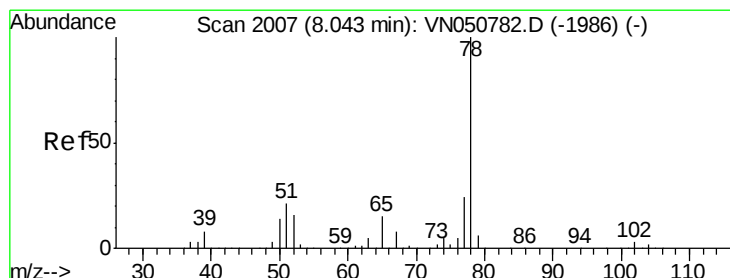
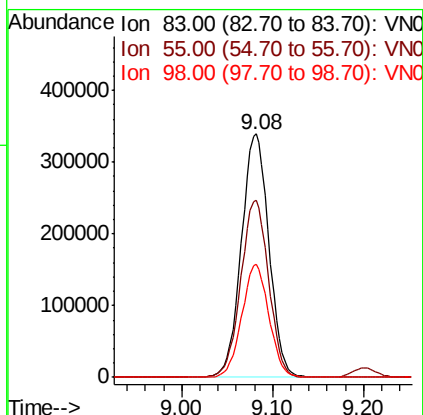
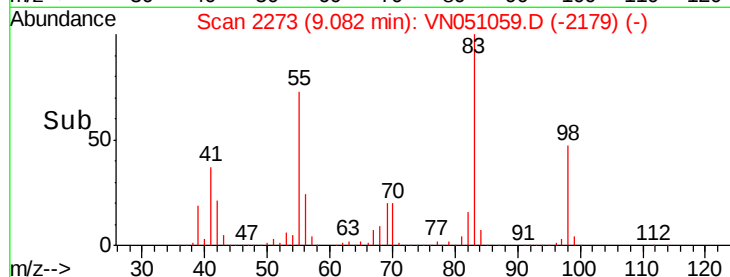
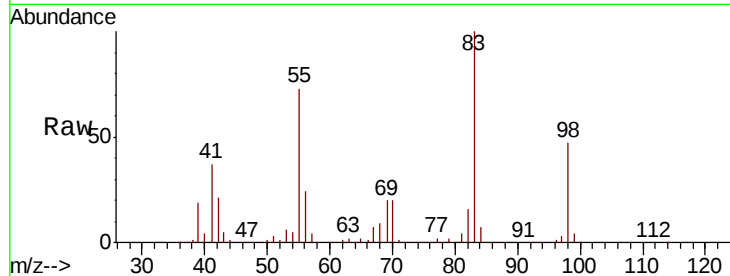




#39
Methvlcvclohexane
Concen: 63.15 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

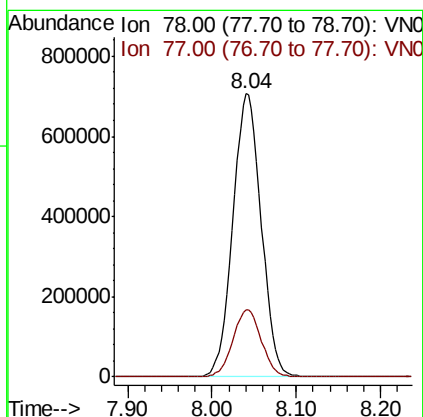
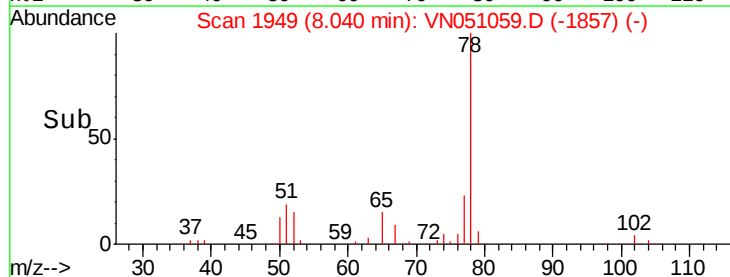
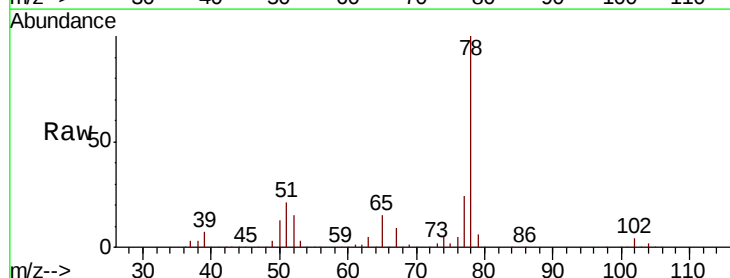
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

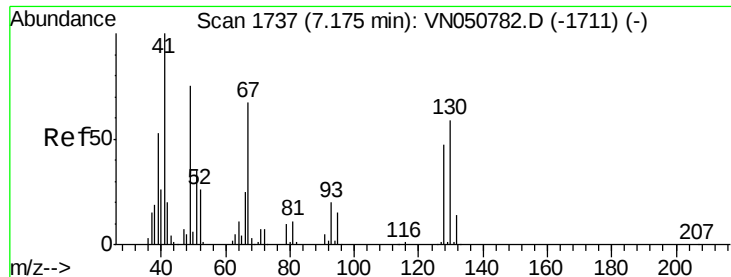
Tot Ion: 83 Resp: 713479
Ion Ratio Lower Upper
83 100
55 72.9 61.0 91.4
98 46.6 37.5 56.3



#40
Benzene
Concen: 52.42 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 78 Resp: 1650652
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

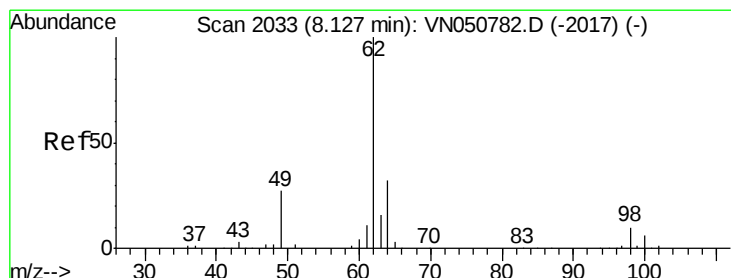
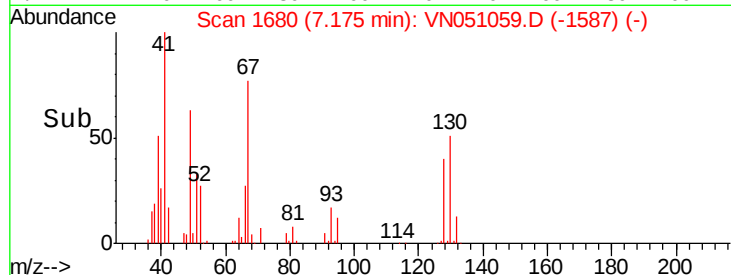
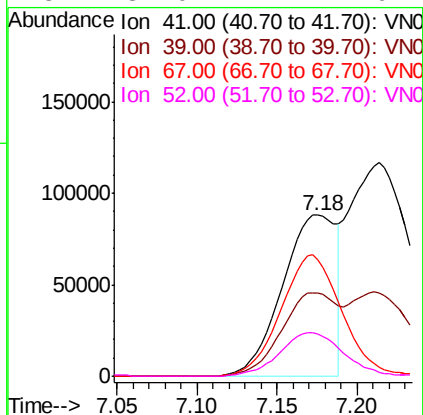
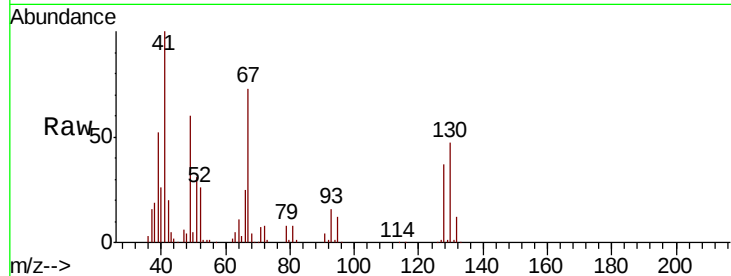




#41
Methacrylonitrile
Concen: 63.91 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

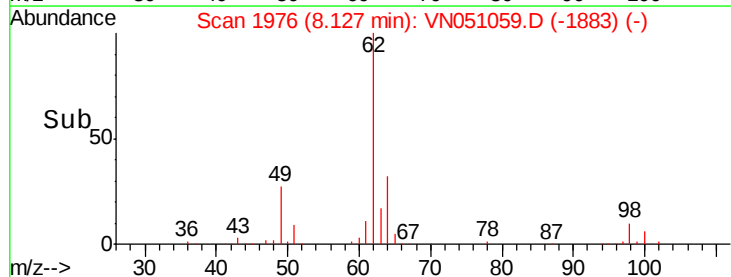
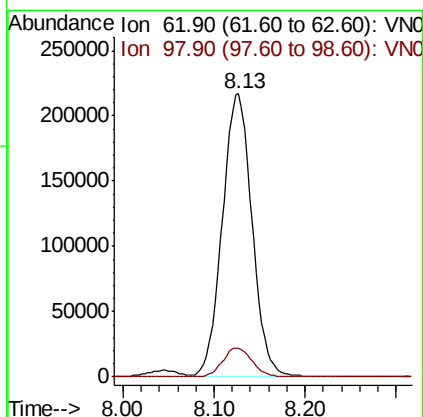
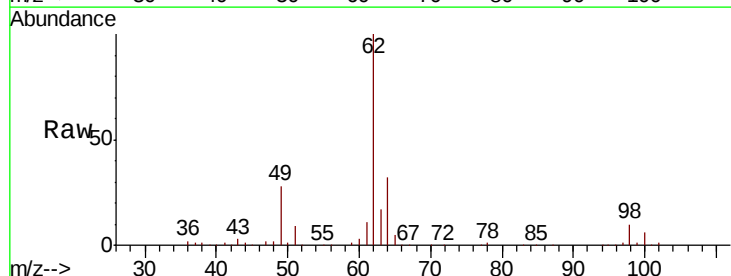
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

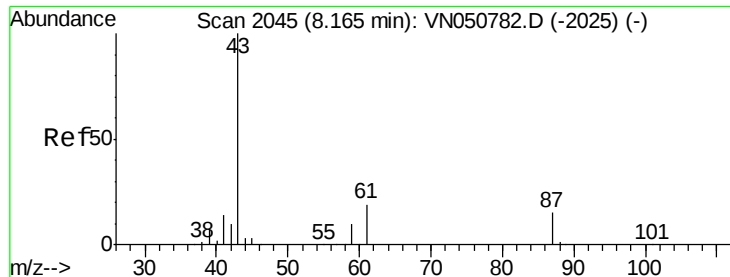
Tot Ion:	41	Resp:	207465
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.4	68.0
67	85.1	70.6	106.0
52	31.0	27.1	40.7



#42
1,2-Dichloroethane
Concen: 52.14 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion:	62	Resp:	490835
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.6





#43

Isopropyl Acetate

Concen: 62.54 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

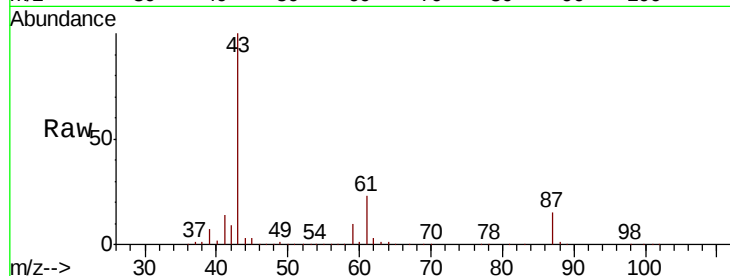
Tot Ion: 43 Resp: 644996

Ion Ratio Lower Upper

43 100

61 30.2 17.5 26.3#

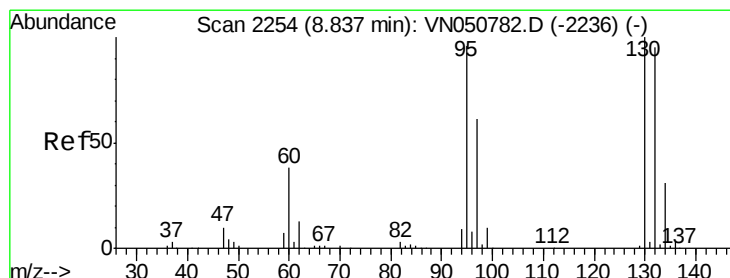
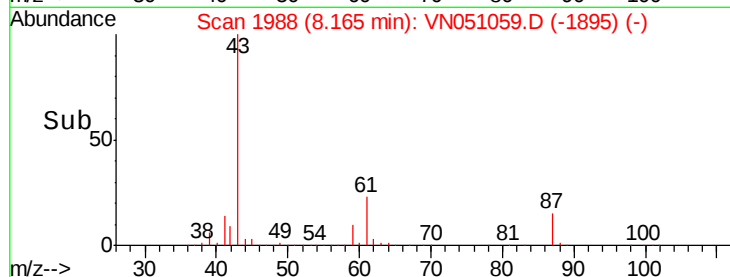
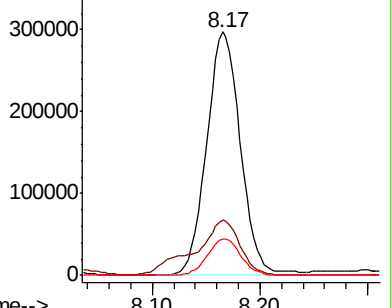
87 14.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#44

Trichloroethene

Concen: 52.44 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051059.D

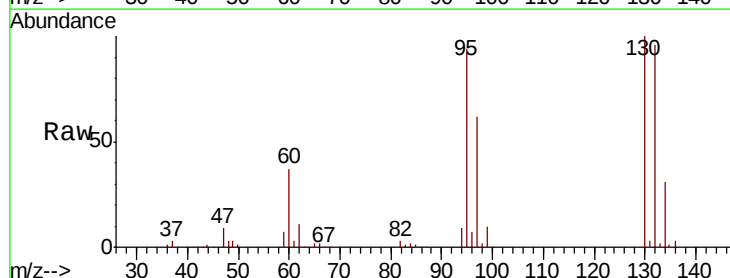
Acq: 7 Sep 2018 17:29

Tgt Ion:130 Resp: 435536

Ion Ratio Lower Upper

130 100

95 93.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050782.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050782.D (-2236) (-)

Ion 130.00 (129.70 to 130.30): VN050782.D (-2236) (-)

Ion 137.00 (136.70 to 137.30): VN050782.D (-2236) (-)

Ion 139.00 (138.70 to 139.30): VN050782.D (-2236) (-)

Ion 141.00 (140.70 to 141.30): VN050782.D (-2236) (-)

Ion 143.00 (142.70 to 143.30): VN050782.D (-2236) (-)

Ion 145.00 (144.70 to 145.30): VN050782.D (-2236) (-)

Ion 147.00 (146.70 to 147.30): VN050782.D (-2236) (-)

Ion 149.00 (148.70 to 149.30): VN050782.D (-2236) (-)

Ion 151.00 (150.70 to 151.30): VN050782.D (-2236) (-)

Ion 153.00 (152.70 to 153.30): VN050782.D (-2236) (-)

Ion 155.00 (154.70 to 155.30): VN050782.D (-2236) (-)

Ion 157.00 (156.70 to 157.30): VN050782.D (-2236) (-)

Ion 159.00 (158.70 to 159.30): VN050782.D (-2236) (-)

Ion 161.00 (160.70 to 161.30): VN050782.D (-2236) (-)

Ion 163.00 (162.70 to 163.30): VN050782.D (-2236) (-)

Ion 165.00 (164.70 to 165.30): VN050782.D (-2236) (-)

Ion 167.00 (166.70 to 167.30): VN050782.D (-2236) (-)

Ion 169.00 (168.70 to 169.30): VN050782.D (-2236) (-)

Ion 171.00 (170.70 to 171.30): VN050782.D (-2236) (-)

Ion 173.00 (172.70 to 173.30): VN050782.D (-2236) (-)

Ion 175.00 (174.70 to 175.30): VN050782.D (-2236) (-)

Ion 177.00 (176.70 to 177.30): VN050782.D (-2236) (-)

Ion 179.00 (178.70 to 179.30): VN050782.D (-2236) (-)

Ion 181.00 (180.70 to 181.30): VN050782.D (-2236) (-)

Ion 183.00 (182.70 to 183.30): VN050782.D (-2236) (-)

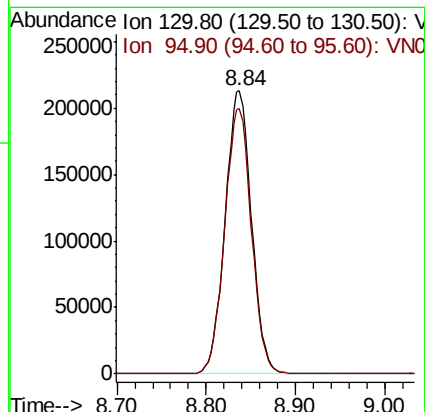
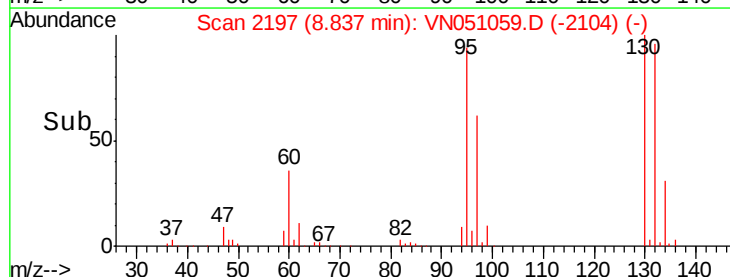
Ion 185.00 (184.70 to 185.30): VN050782.D (-2236) (-)

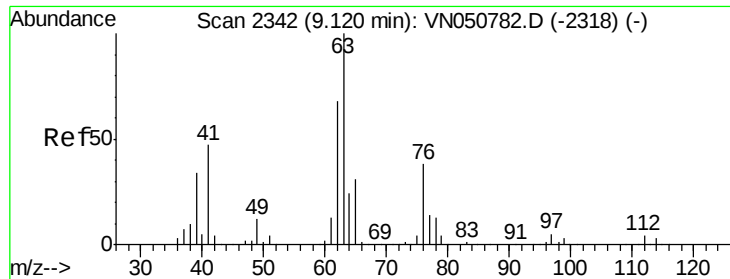
Ion 187.00 (186.70 to 187.30): VN050782.D (-2236) (-)

Ion 189.00 (188.70 to 189.30): VN050782.D (-2236) (-)

Ion 191.00 (190.70 to 191.30): VN050782.D (-2236) (-)

Ion 193.00 (192.70 to 193.30): VN050782.D (-2236) (-)

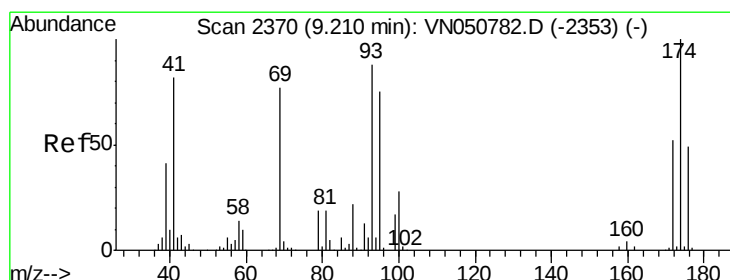
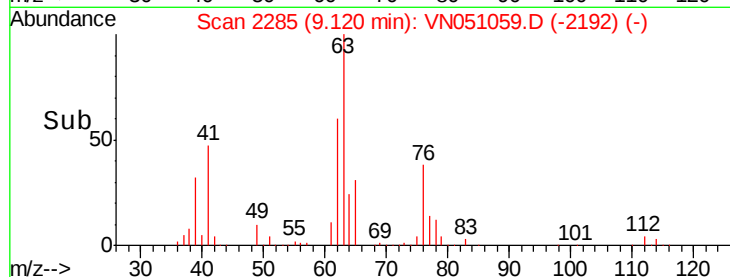
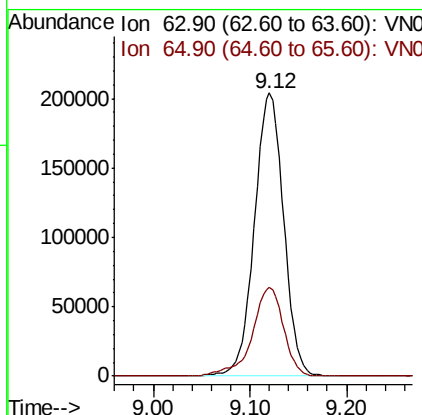
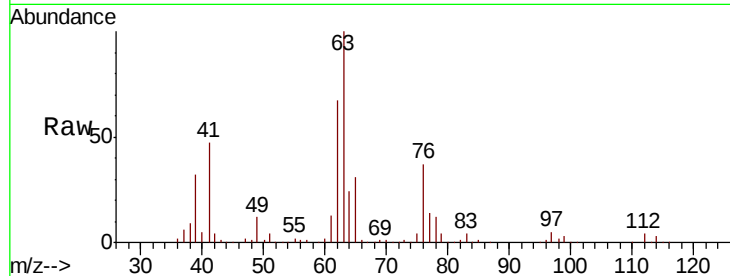




#45
 1,2-Dichloropropane
 Concen: 51.66 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

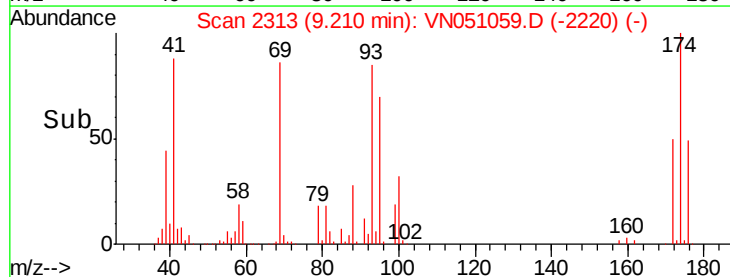
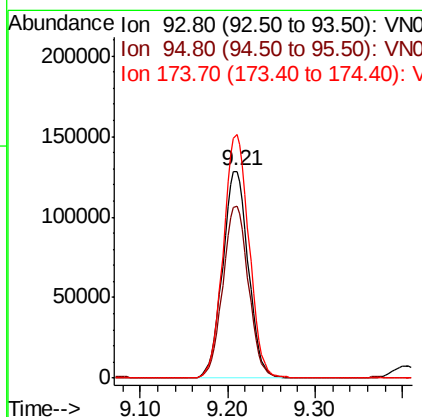
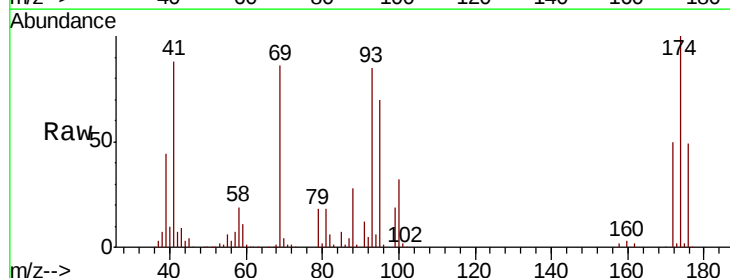
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

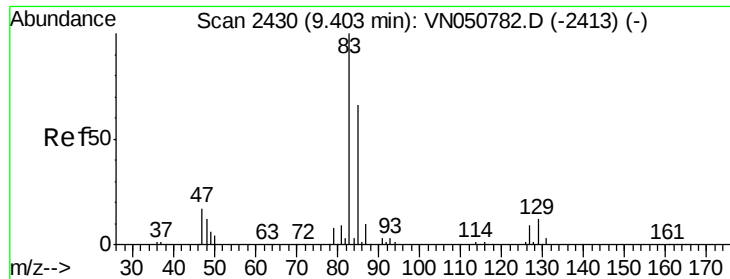
Tot Ion: 63 Resp: 427569
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 53.94 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion: 93 Resp: 262299
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.7 100.1
 174 117.3 89.8 134.6





#47

Bromodichloromethane

Concen: 51.68 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

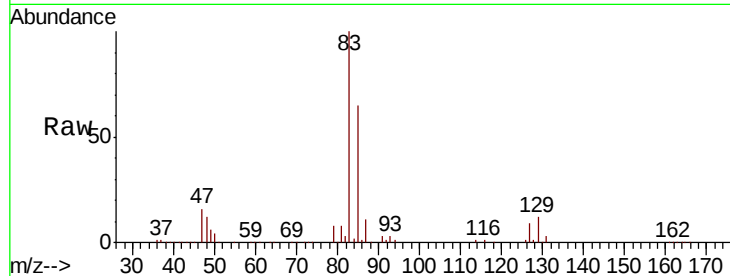
Tot Ion: 83 Resp: 526335

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8

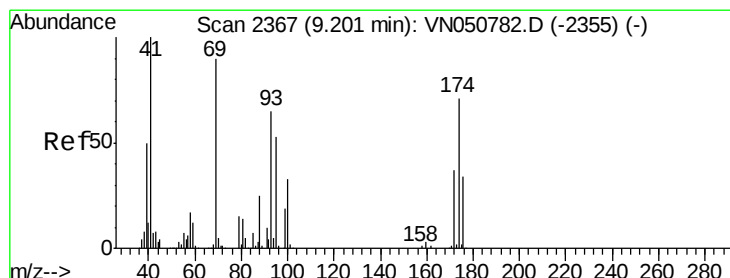
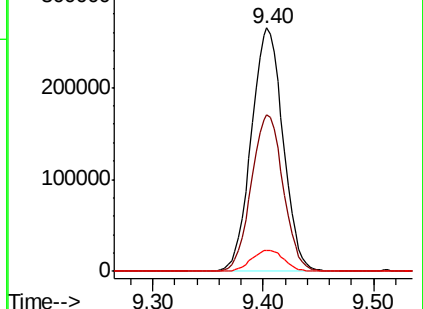
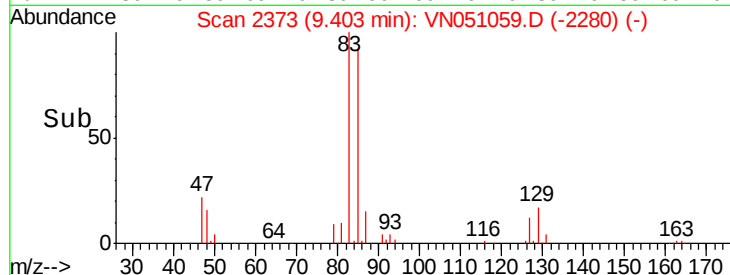
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051059.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051059.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051059.D (-2280) (-)



#48

Methyl methacrylate

Concen: 62.09 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

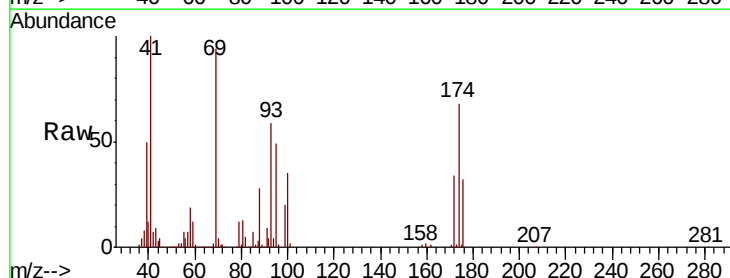
Tgt Ion: 41 Resp: 326389

Ion Ratio Lower Upper

41 100

69 97.0 74.7 112.1

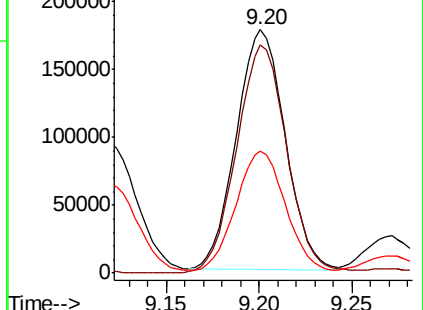
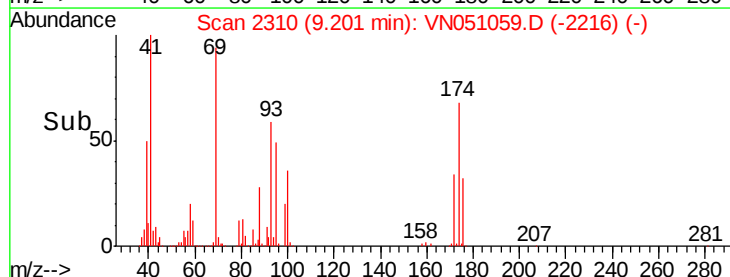
39 52.1 42.2 63.2

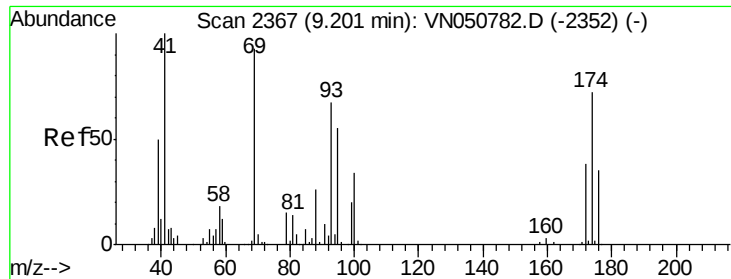


Abundance Ion 41.00 (40.70 to 41.70): VN051059.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN051059.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN051059.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1497.05 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

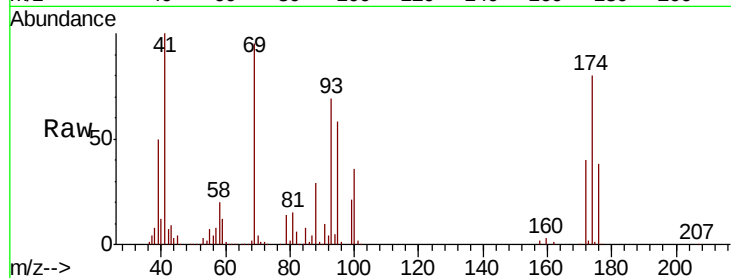
Tot Ion: 88 Resp: 107272

Ion Ratio Lower Upper

88 100

43 25.7 25.9 38.9#

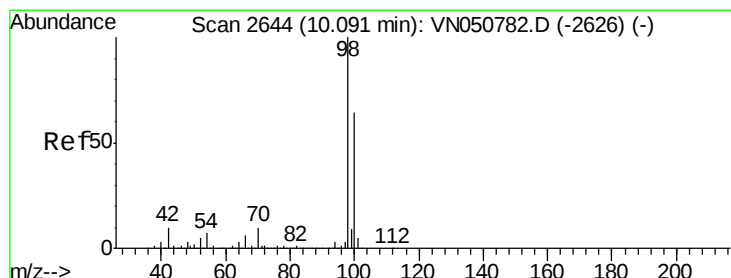
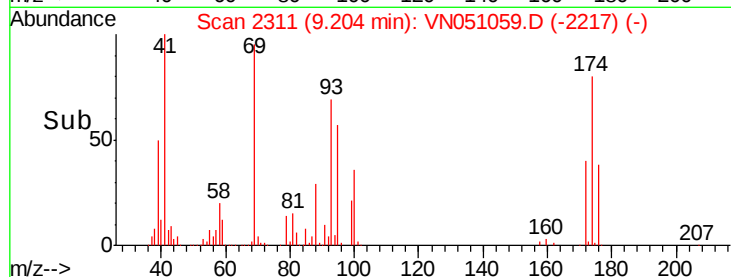
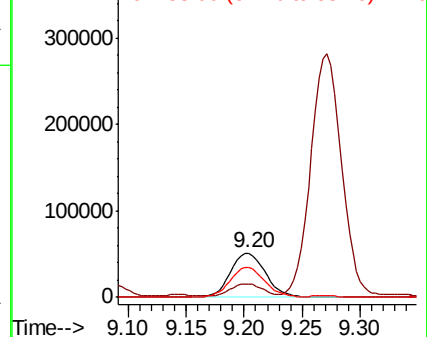
58 67.0 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.53 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051059.D

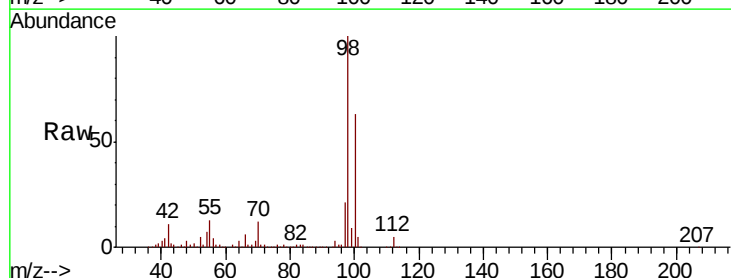
Acq: 7 Sep 2018 17:29

Tgt Ion: 98 Resp: 1329972

Ion Ratio Lower Upper

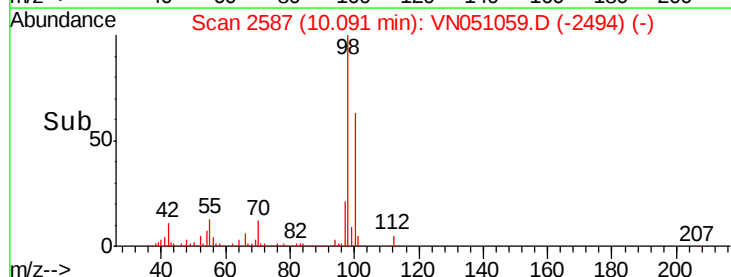
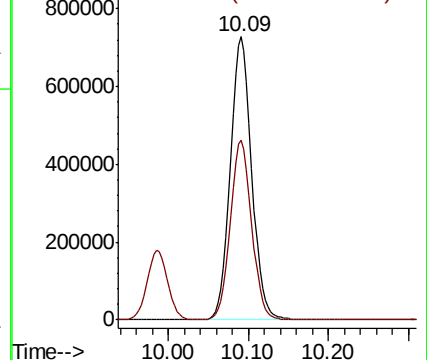
98 100

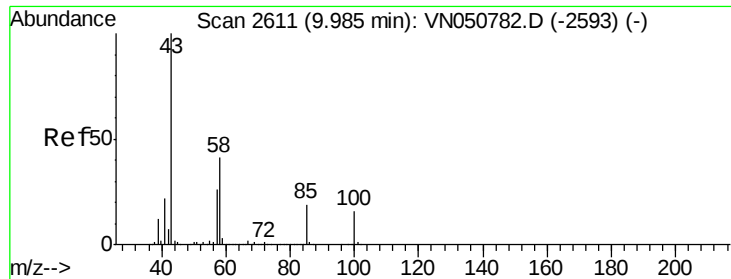
100 63.3 51.5 77.3



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: 310.75 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

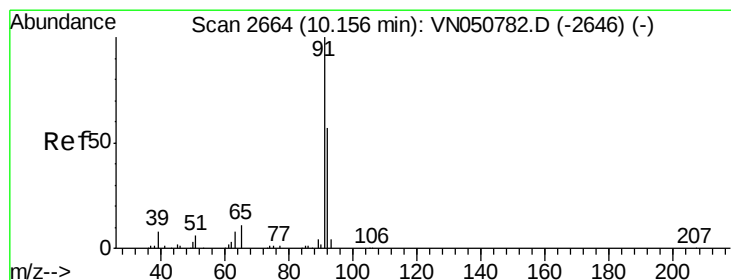
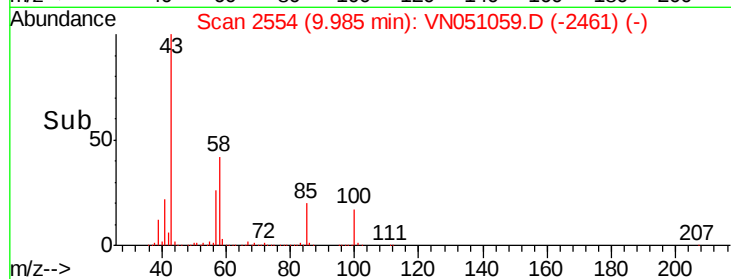
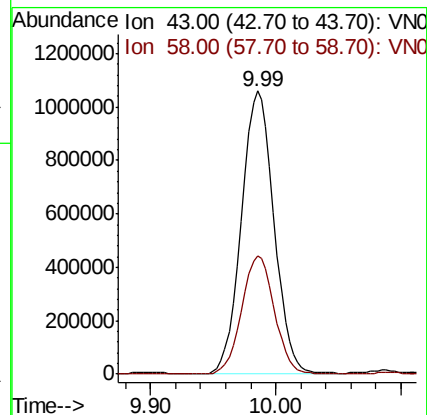
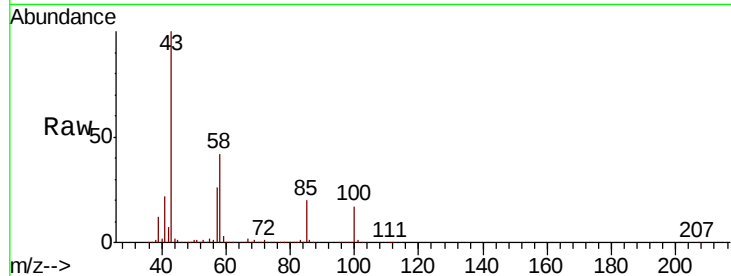
EP1-MW-C(15-20)MS

Tot Ion: 43 Resp: 1912622

Ion Ratio Lower Upper

43 100

58 42.0 32.4 48.6



#52

Toluene

Concen: 55.52 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051059.D

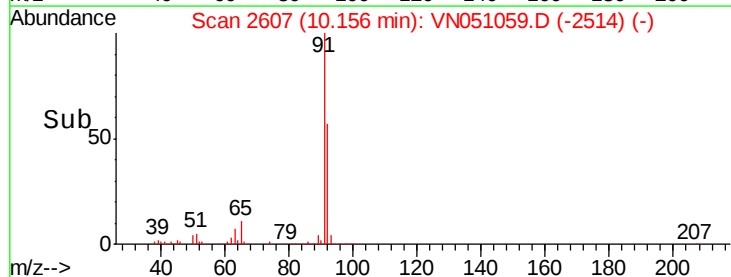
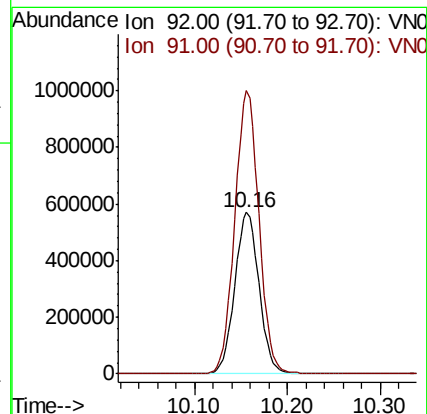
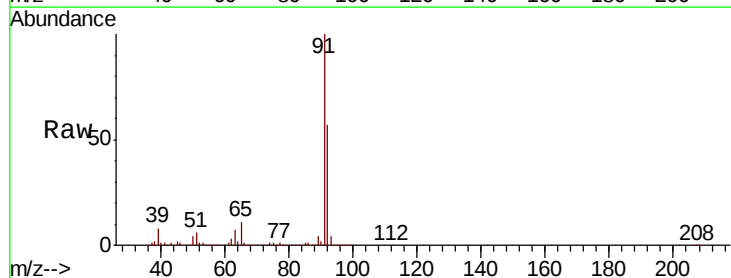
Acq: 7 Sep 2018 17:29

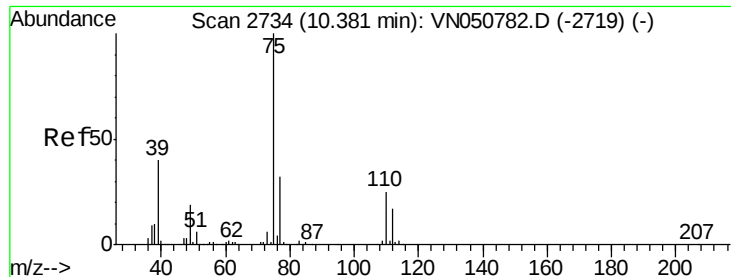
Tgt Ion: 92 Resp: 1035729

Ion Ratio Lower Upper

92 100

91 174.0 140.6 211.0

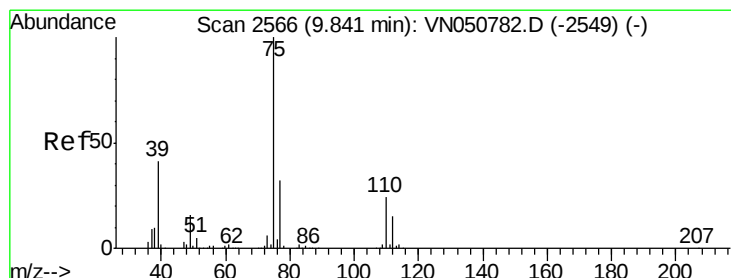
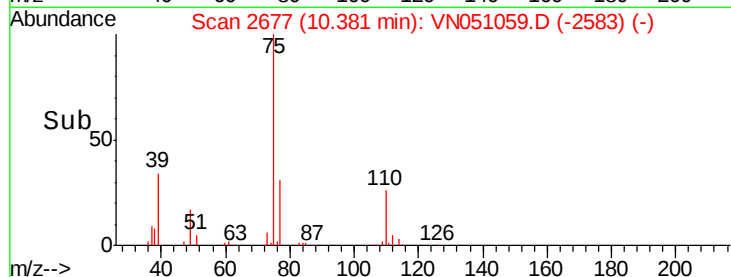
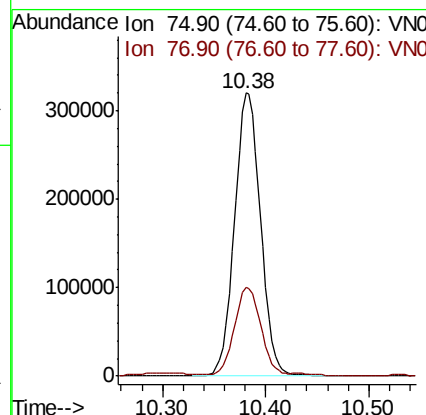
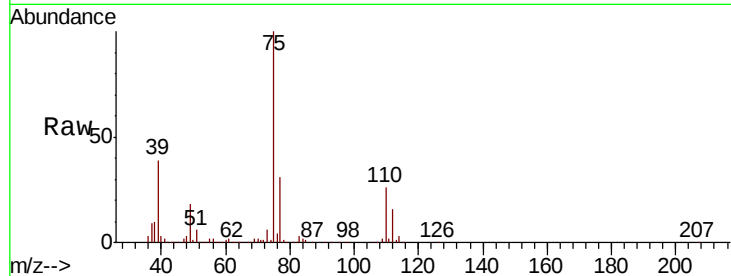




#53
t-1,3-Dichloropropene
Concen: 55.49 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

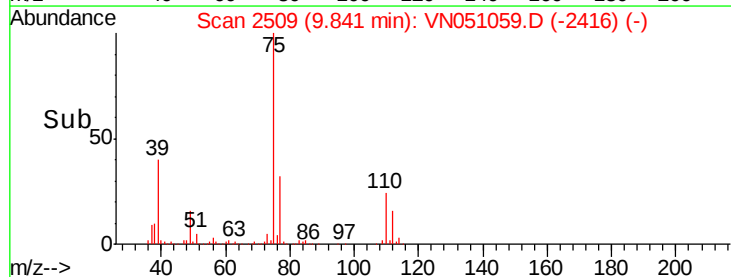
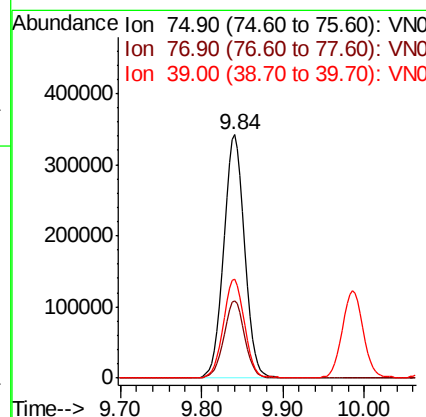
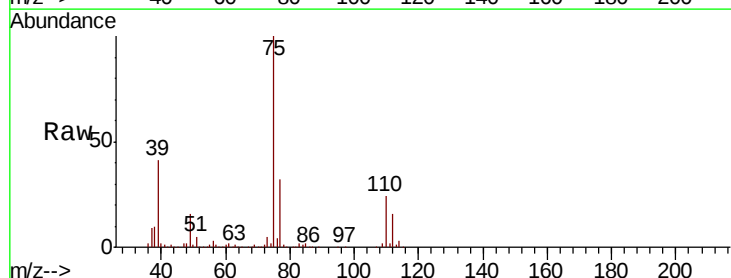
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

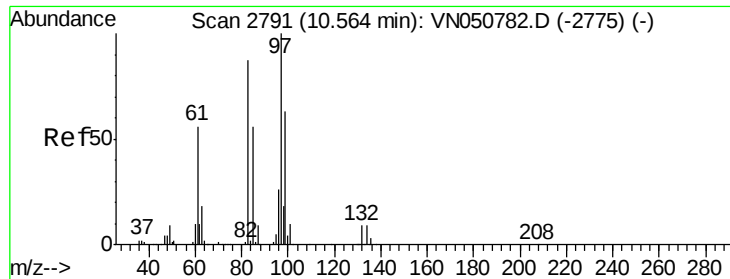
Tot Ion: 75 Resp: 562510
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 53.54 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 75 Resp: 621513
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 40.5 33.0 49.4

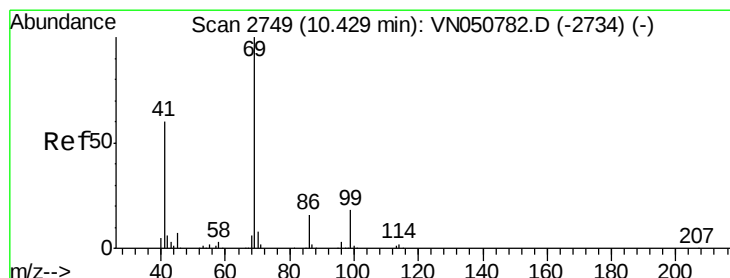
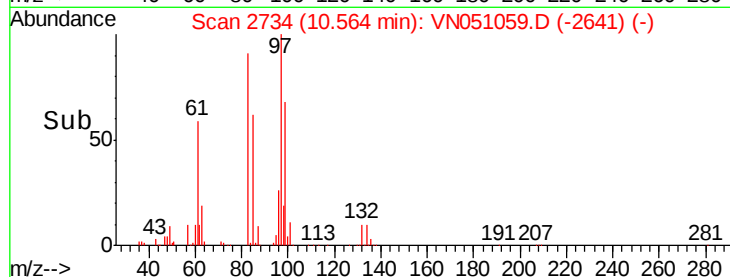
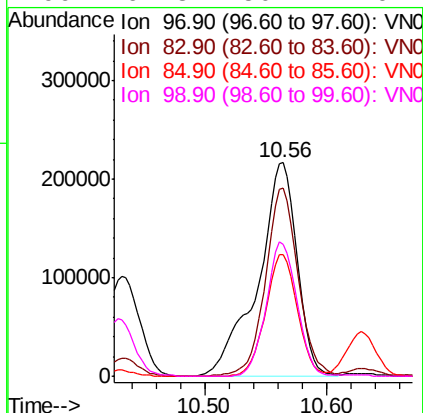
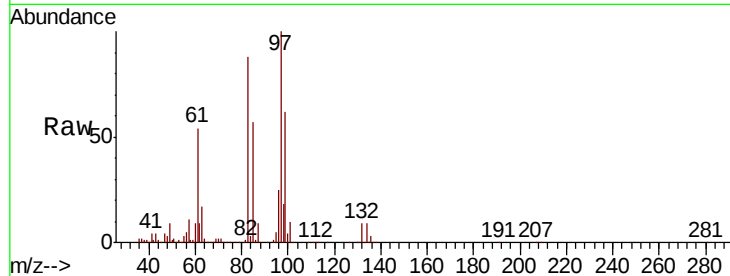




#55
 1,1,2-Trichloroethane
 Concen: 70.51 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

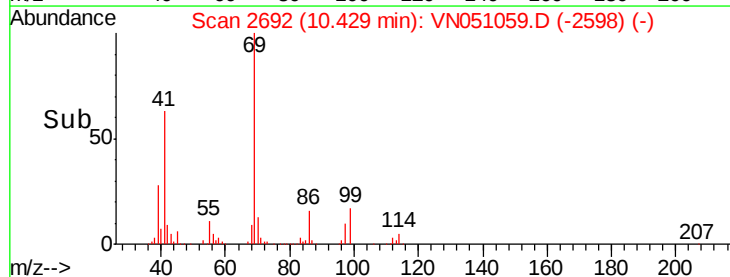
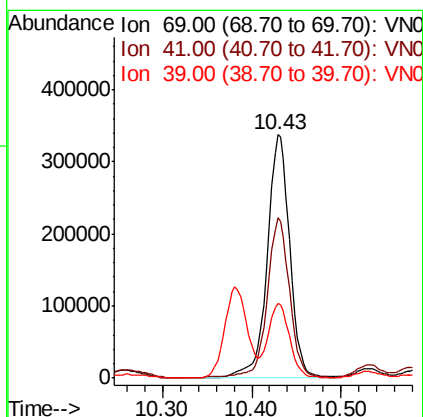
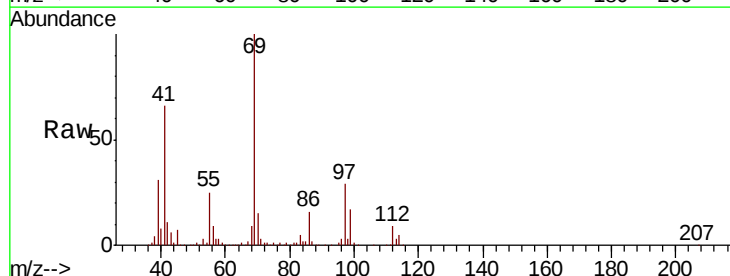
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

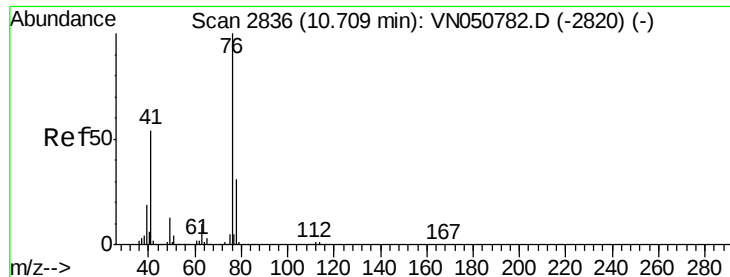
Tot Ion	97	Resp	488153
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.7	104.5
85	57.2	44.5	66.7
99	61.8	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 65.49 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion	69	Resp	596690
Ion	Ratio	Lower	Upper
69	100		
41	65.8	48.3	72.5
39	29.1	24.0	36.0

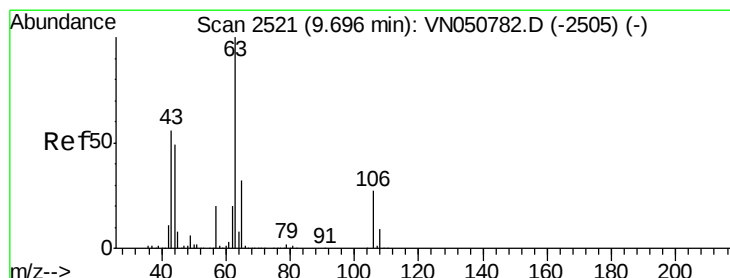
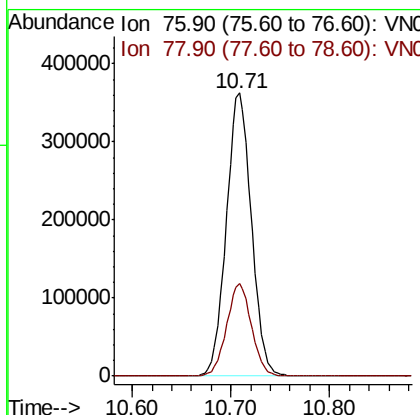
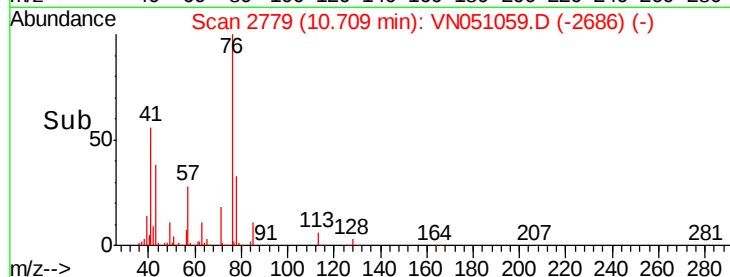
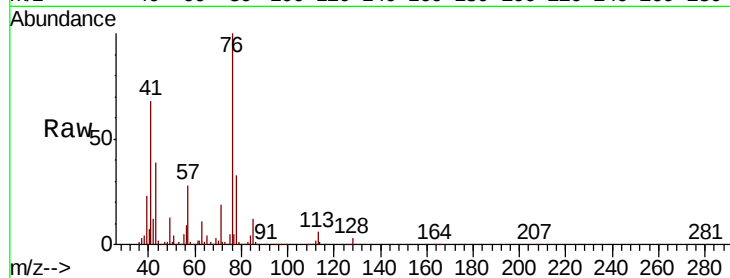




#57
 1,3-Dichloropropane
 Concen: 56.40 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

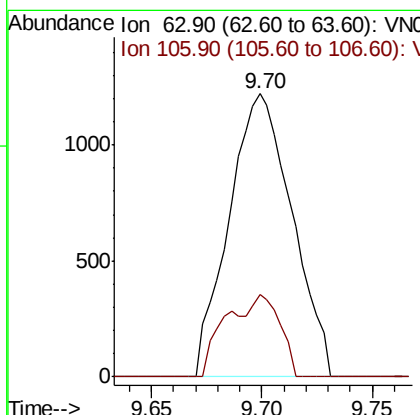
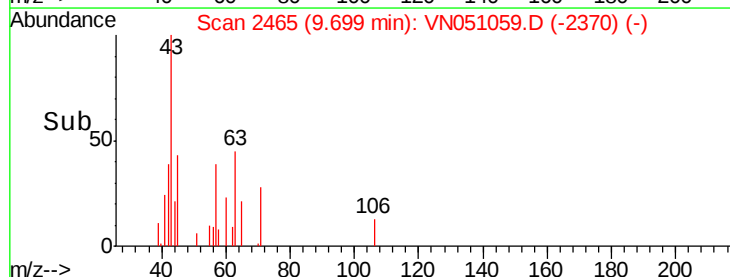
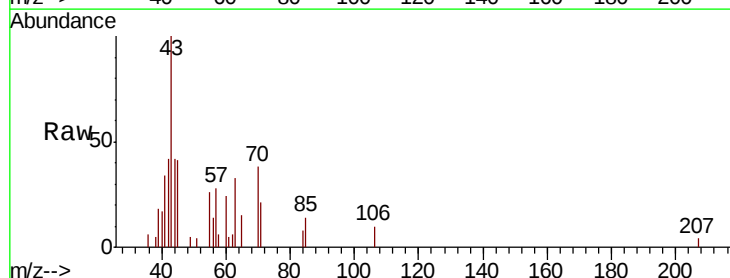
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

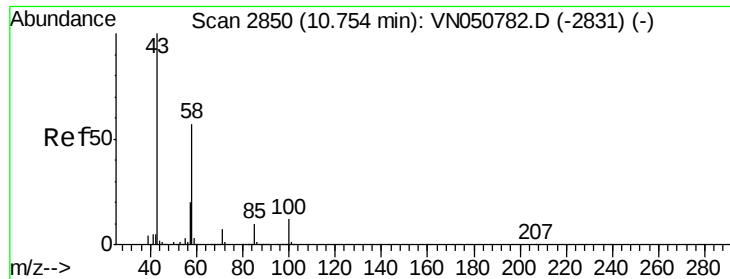
Tot Ion: 76 Resp: 644517
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.81 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion: 63 Resp: 2417
 Ion Ratio Lower Upper
 63 100
 106 13.2 21.9 32.9#

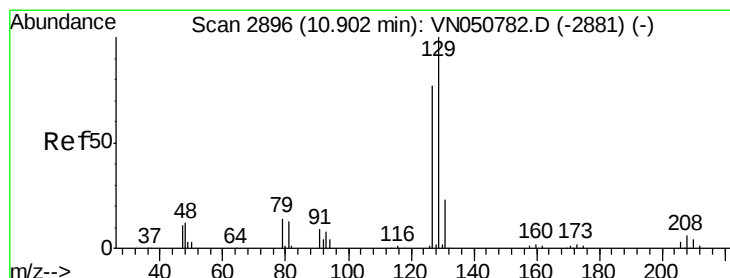
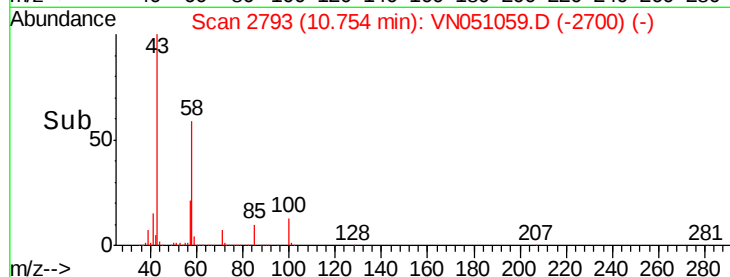
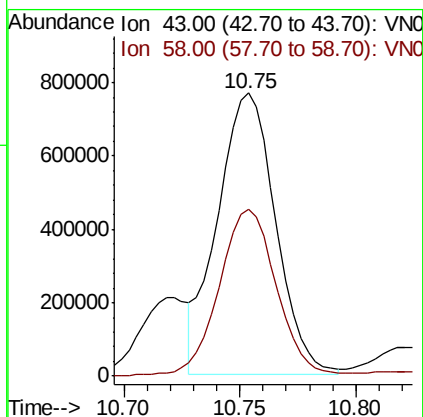
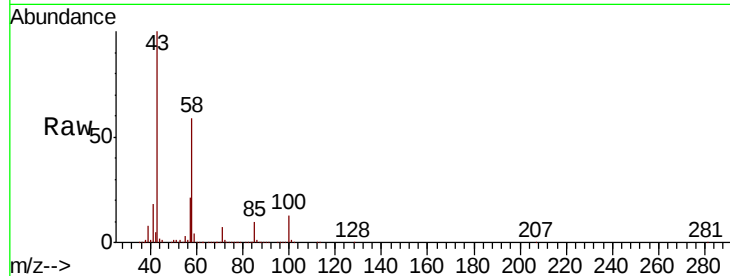




#59
2-Hexanone
Concen: 326.63 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

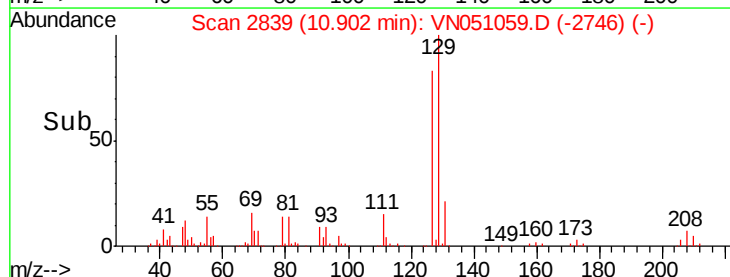
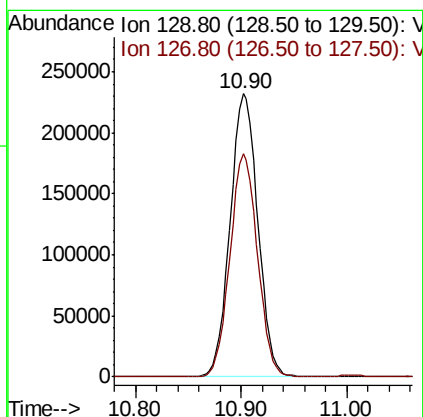
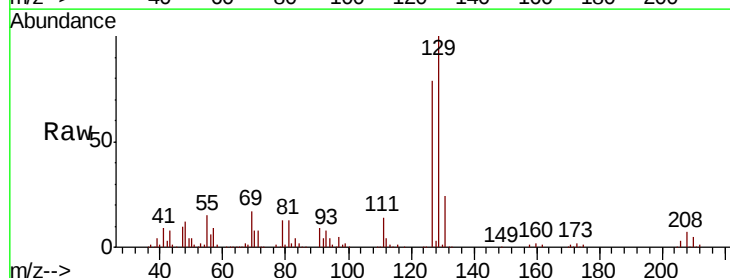
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

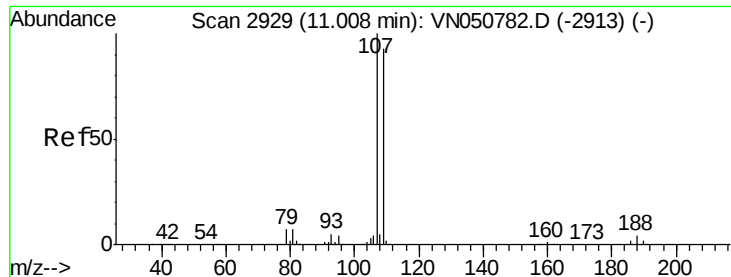
Tot Ion: 43 Resp: 1338340
Ion Ratio Lower Upper
43 100
58 58.7 28.3 85.0



#60
Dibromochloromethane
Concen: 54.33 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 129 Resp: 421141
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 59.14 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

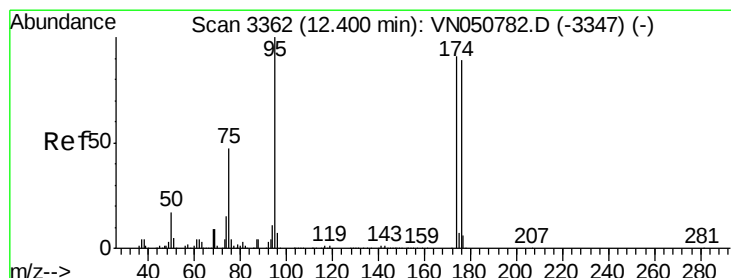
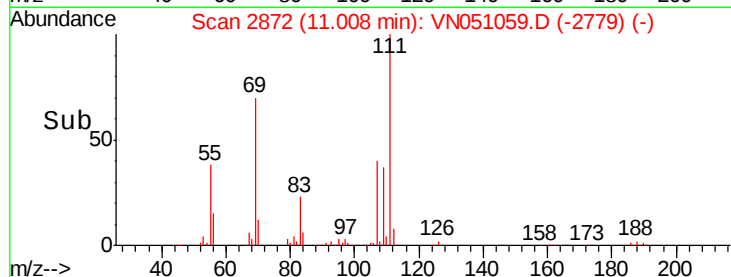
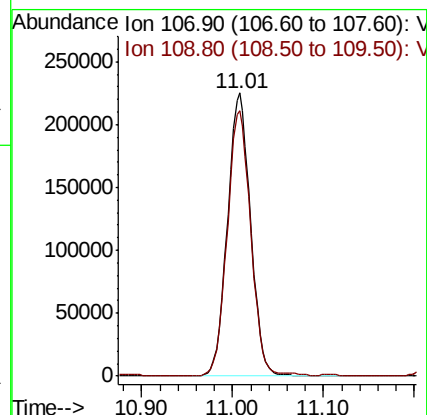
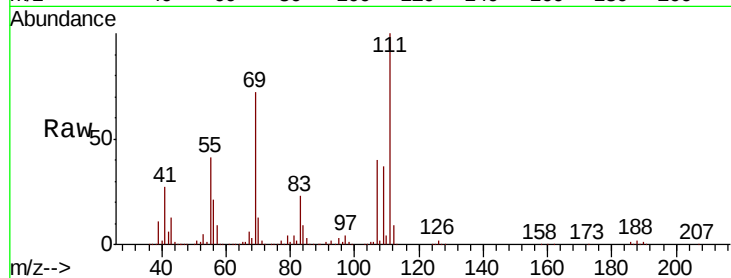
EP1-MW-C(15-20)MS

Tot Ion:107 Resp: 395909

Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 74.27 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

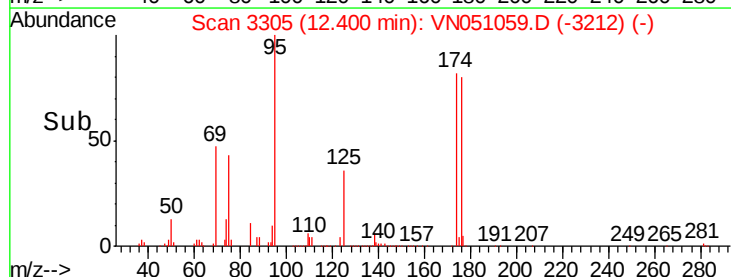
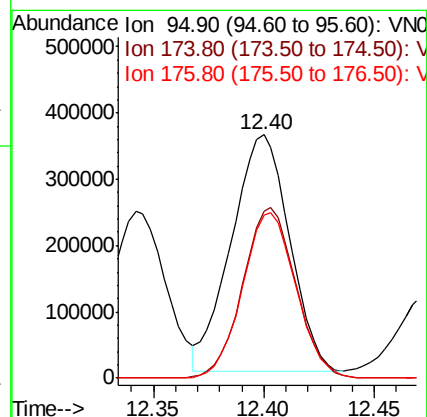
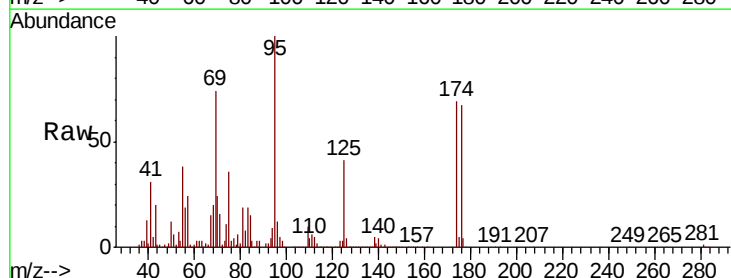
Tgt Ion: 95 Resp: 649619

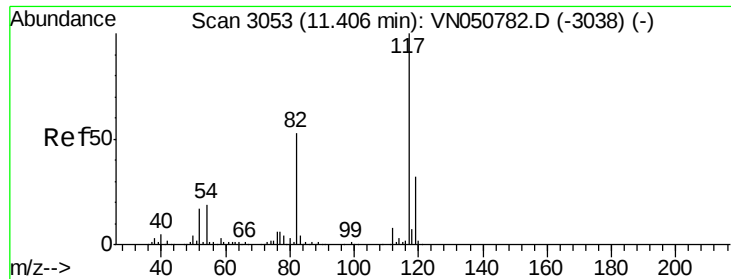
Ion Ratio Lower Upper

95 100

174 66.0 0.0 183.0

176 64.4 0.0 178.8

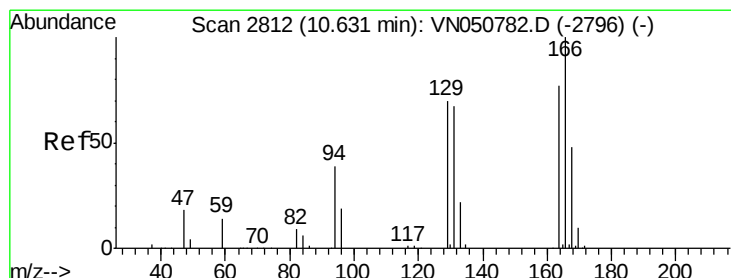
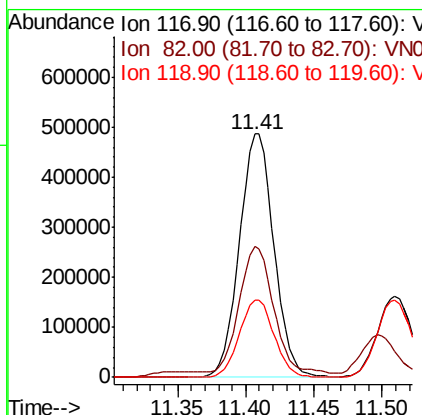
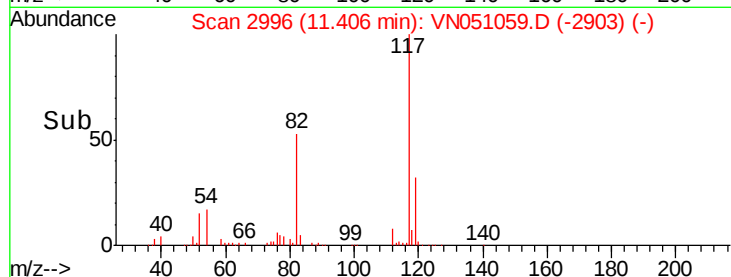
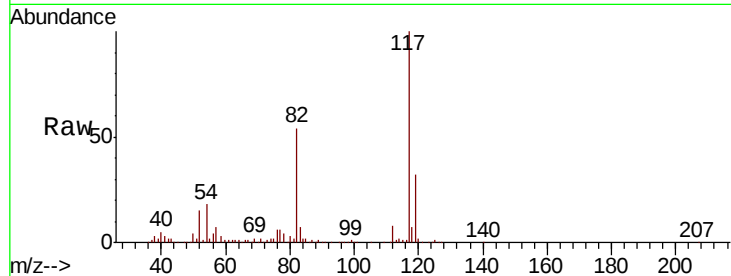




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

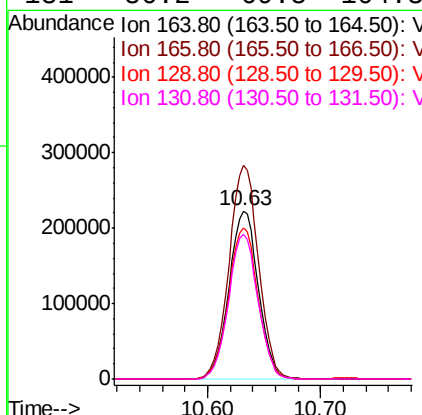
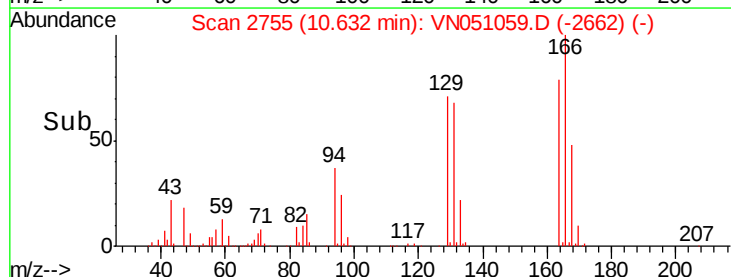
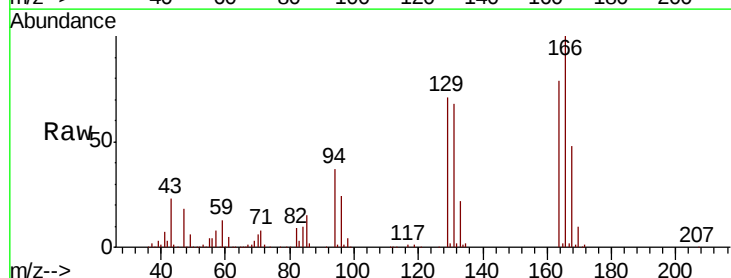
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

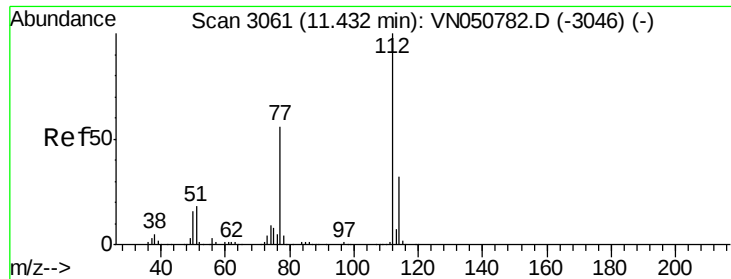
Tot Ion:117 Resp: 855309
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 49.55 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion:164 Resp: 402535
Ion Ratio Lower Upper
164 100
166 127.0 103.5 155.3
129 89.8 72.7 109.1
131 86.2 69.5 104.3

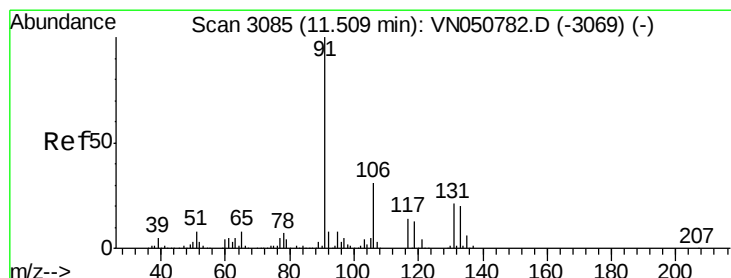
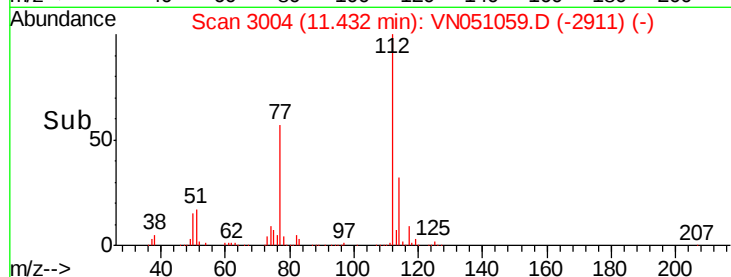
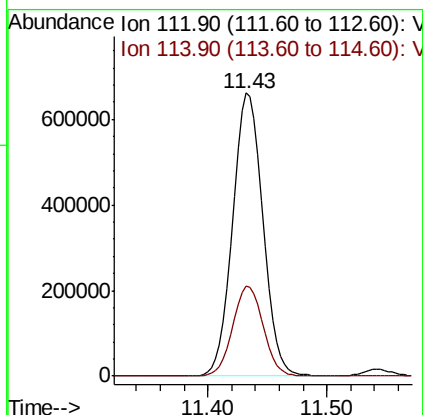
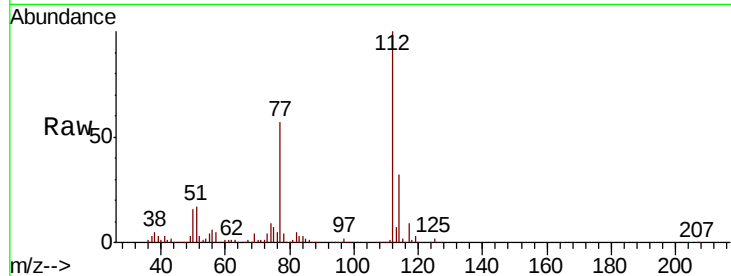




#65
Chlorobenzene
Concen: 52.16 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

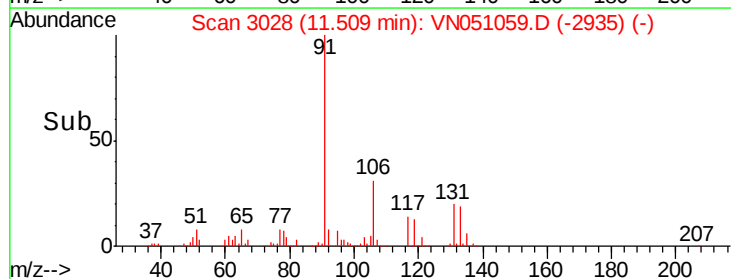
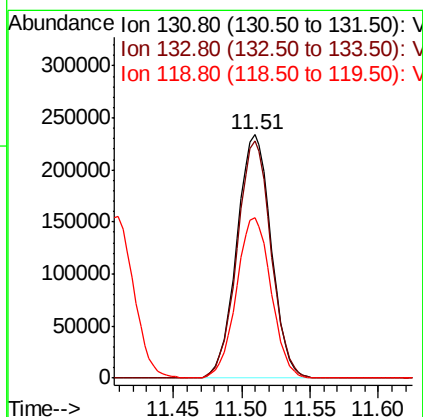
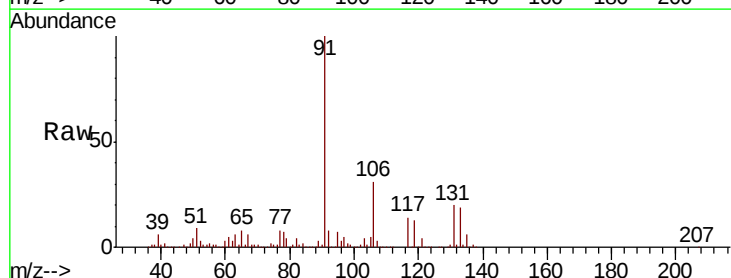
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

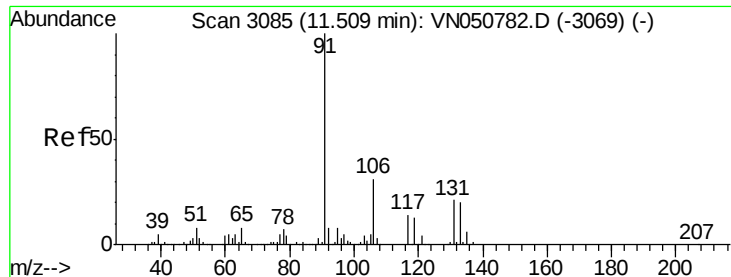
Tot Ion:112 Resp: 1166170
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.97 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion:131 Resp: 408776
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 66.2 32.8 98.4





#67

Ethyl Benzene

Concen: 55.25 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

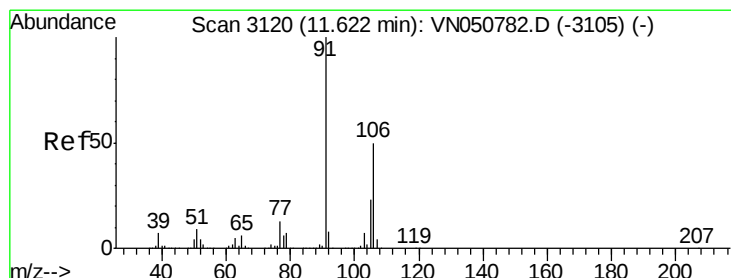
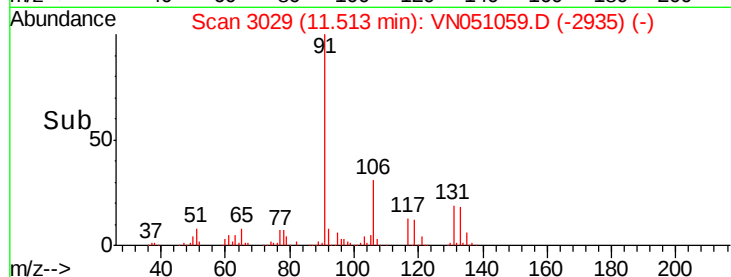
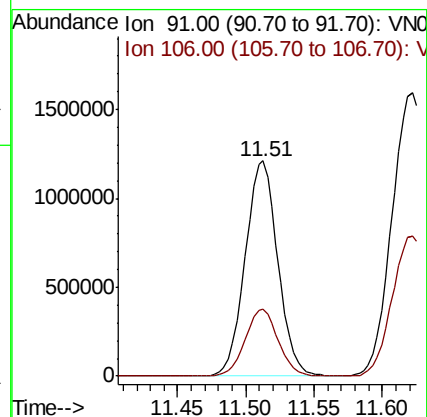
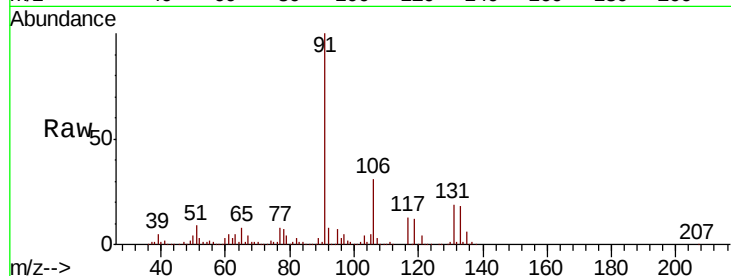
EP1-MW-C(15-20)MS

Tot Ion: 91 Resp: 2007884

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 112.10 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051059.D

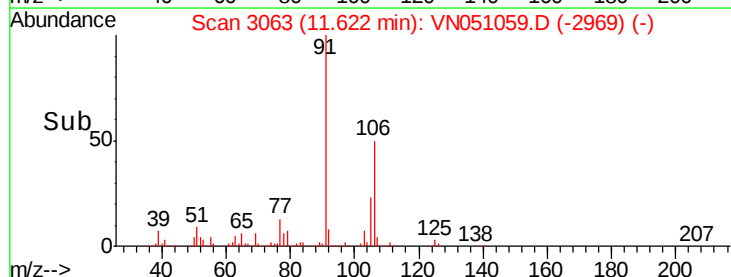
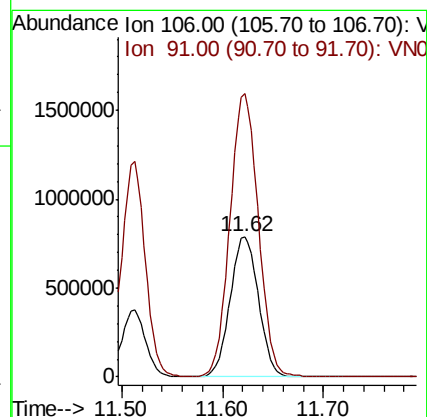
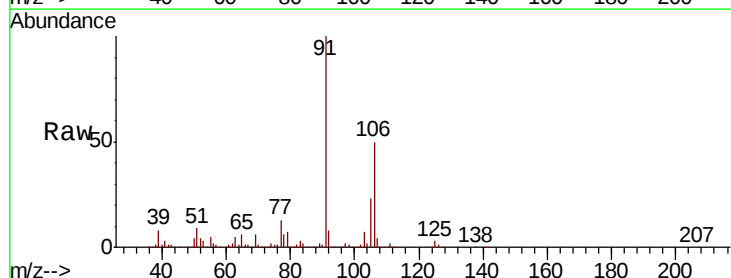
Acq: 7 Sep 2018 17:29

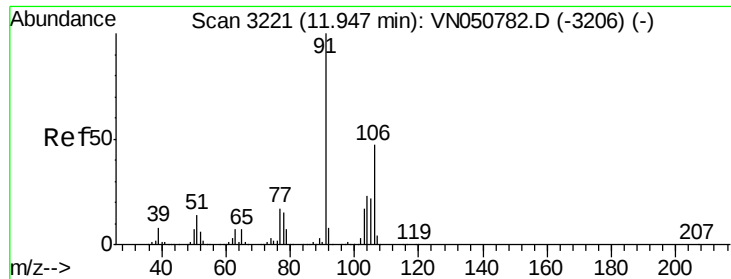
Tgt Ion: 106 Resp: 1546496

Ion Ratio Lower Upper

106 100

91 201.3 161.0 241.6

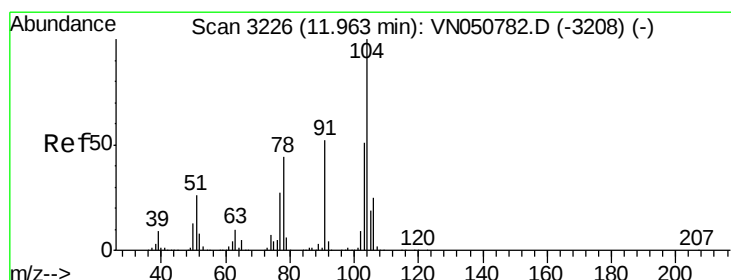
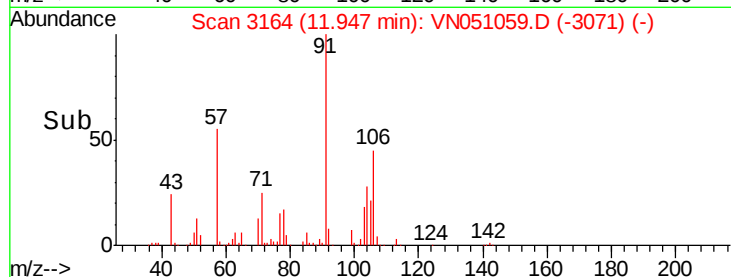
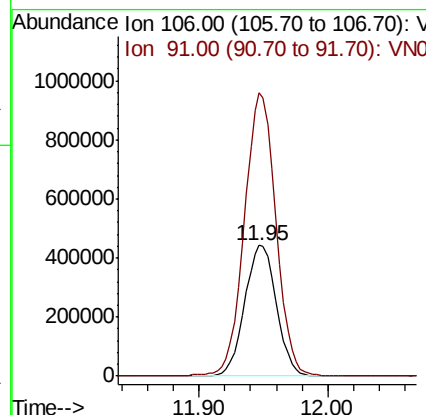
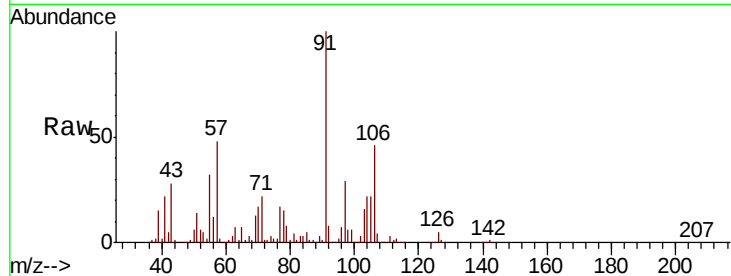




#69
o-Xylene
Concen: 57.00 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

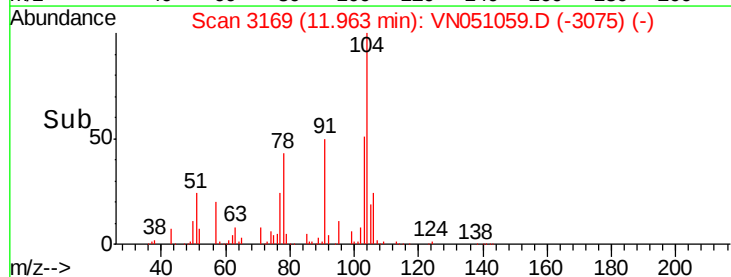
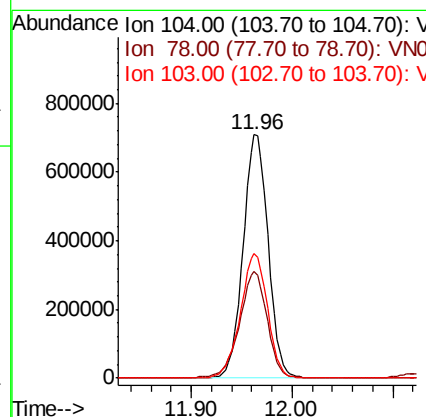
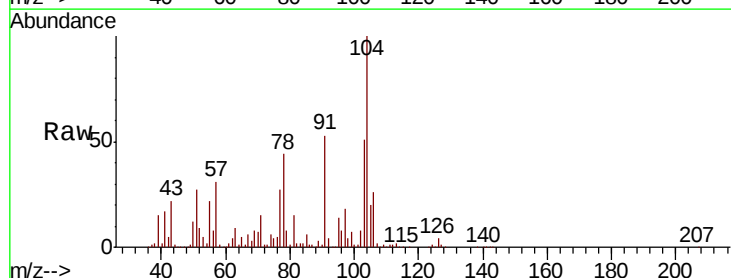
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

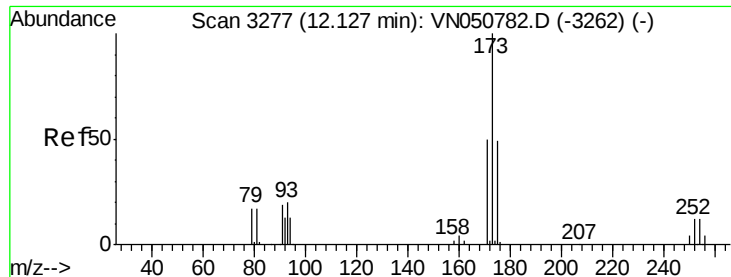
Tot Ion:106 Resp: 755930
Ion Ratio Lower Upper
106 100
91 215.6 106.5 319.5



#70
Styrene
Concen: 51.91 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion:104 Resp: 1214493
Ion Ratio Lower Upper
104 100
78 48.6 38.2 57.4
103 55.4 44.4 66.6

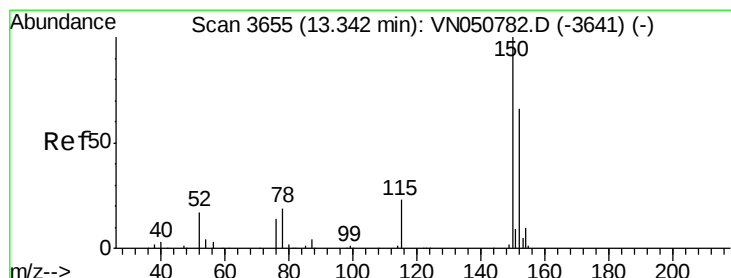
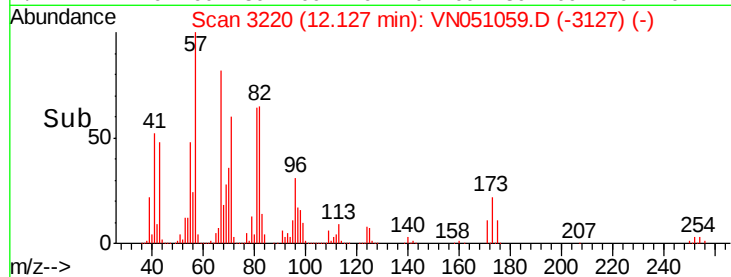
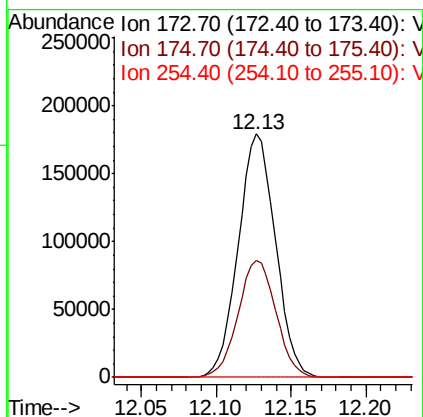
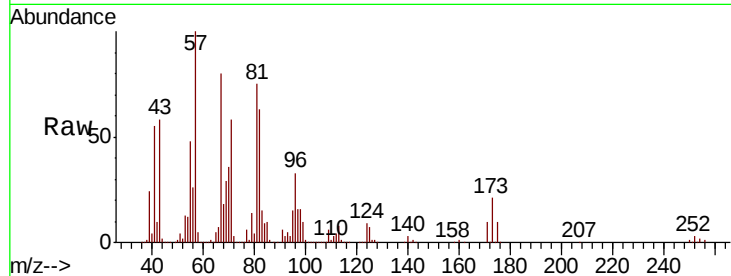




#71
Bromoform
Concen: 55.27 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

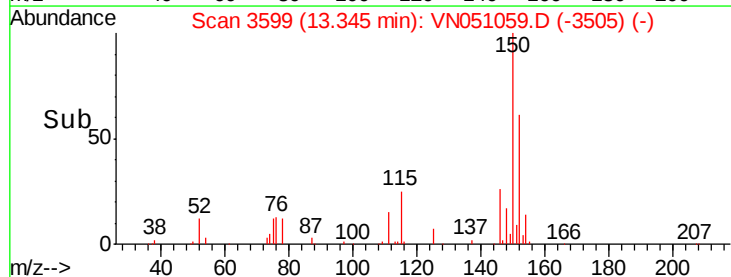
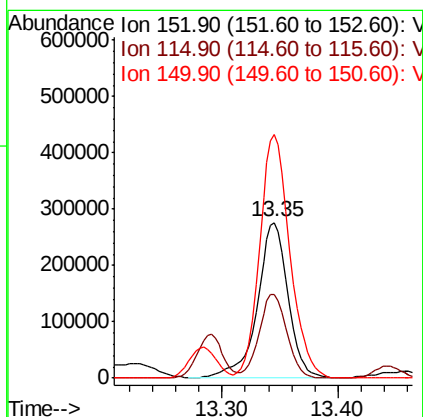
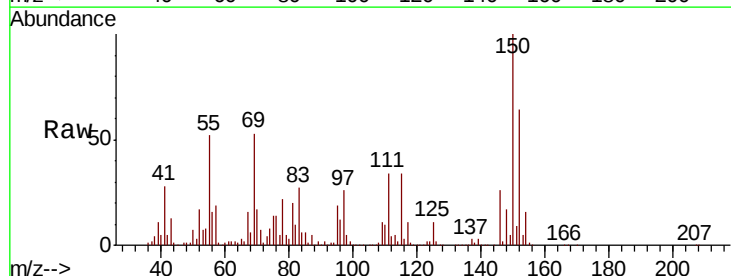
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

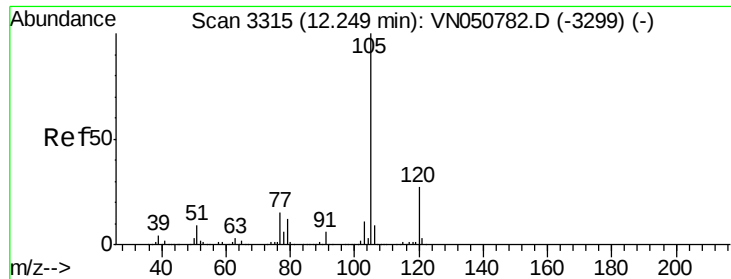
Tot Ion:173 Resp: 310883
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion:152 Resp: 502006
Ion Ratio Lower Upper
152 100
115 49.2 27.8 83.4
150 155.4 0.0 351.4





#73

Isopropylbenzene

Concen: 71.78 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

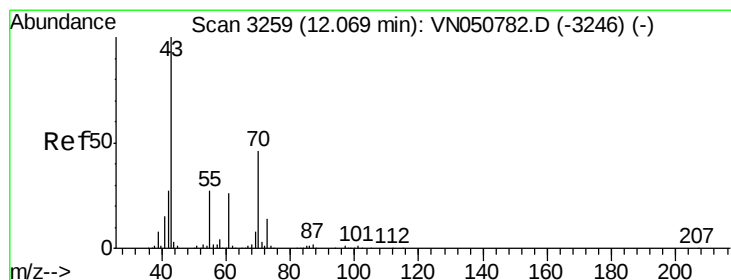
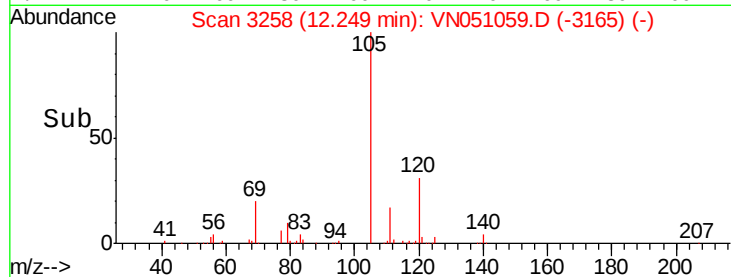
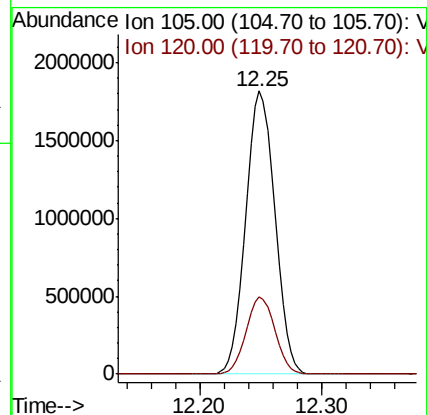
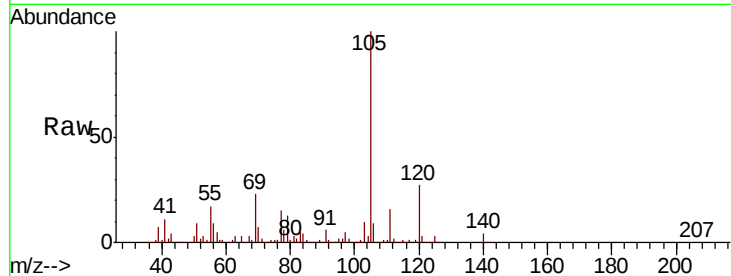
EP1-MW-C(15-20)MS

Tot Ion:105 Resp: 2983766

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 222.96 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Tgt Ion: 43 Resp: 2328715

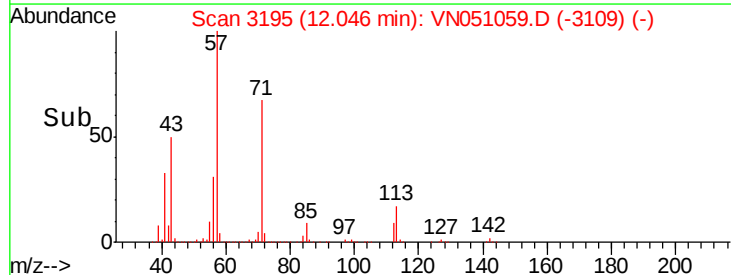
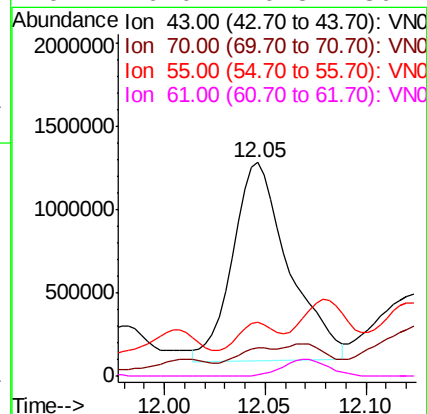
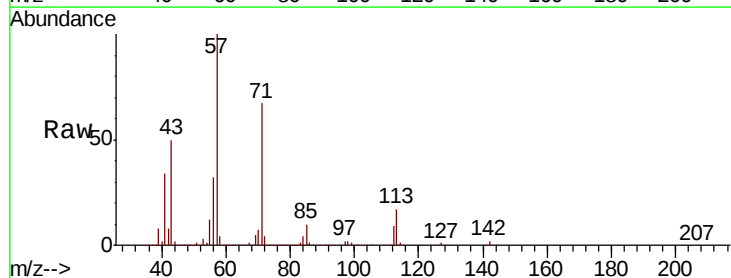
Ion Ratio Lower Upper

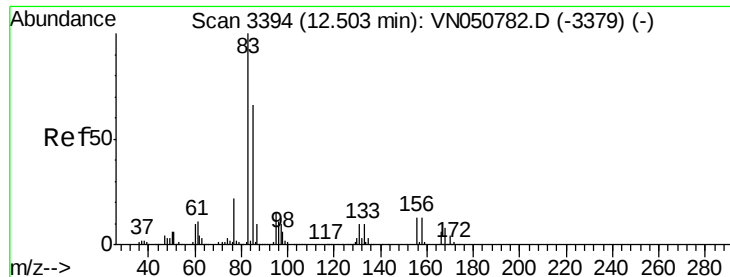
43 100

70 4.0 36.2 54.2#

55 17.8 21.8 32.8#

61 0.0 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 79.81 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

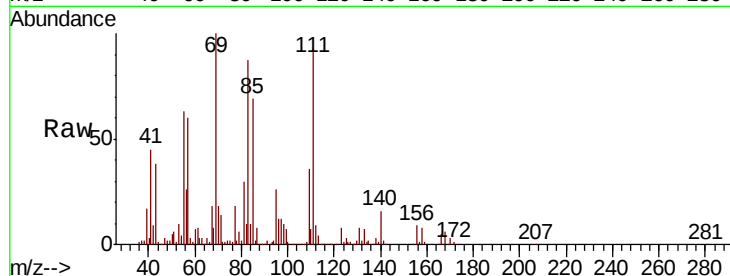
Tot Ion: 83 Resp: 781282

Ion Ratio Lower Upper

83 100

131 6.9 5.3 15.9

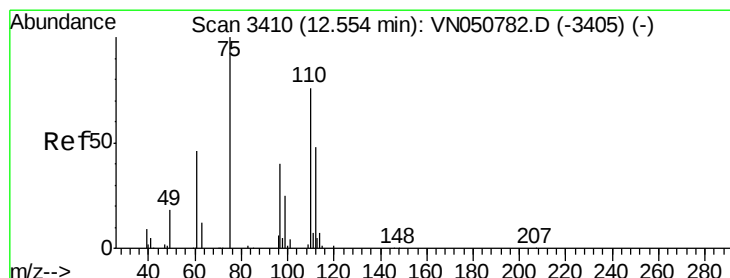
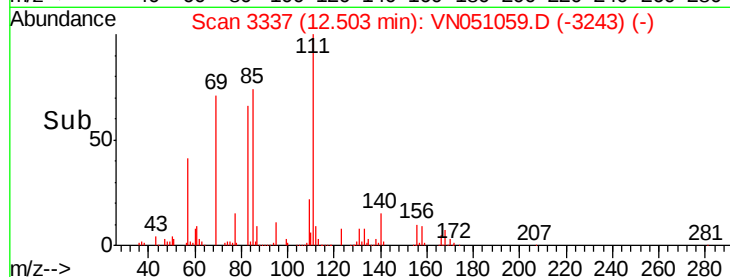
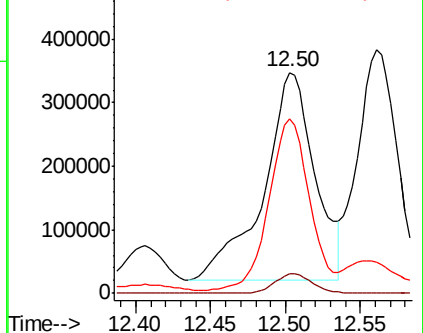
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 72.41 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051059.D

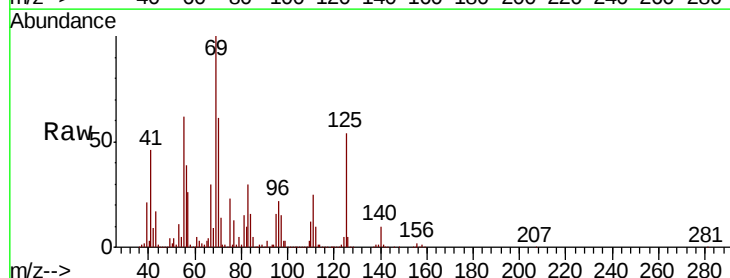
Acq: 7 Sep 2018 17:29

Tgt Ion: 75 Resp: 636710

Ion Ratio Lower Upper

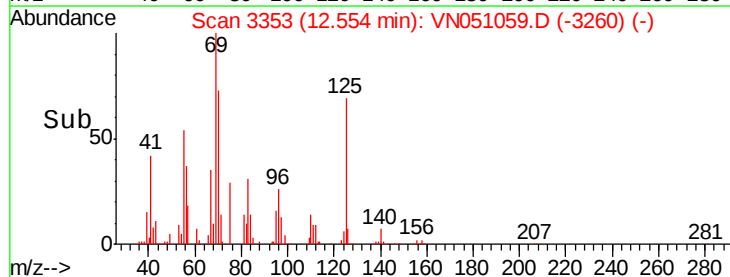
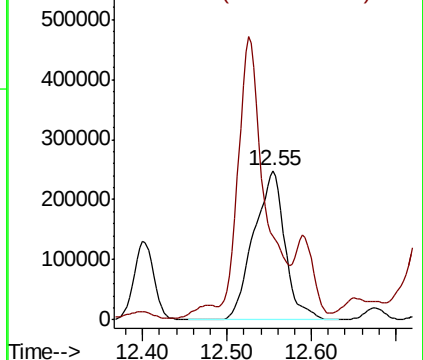
75 100

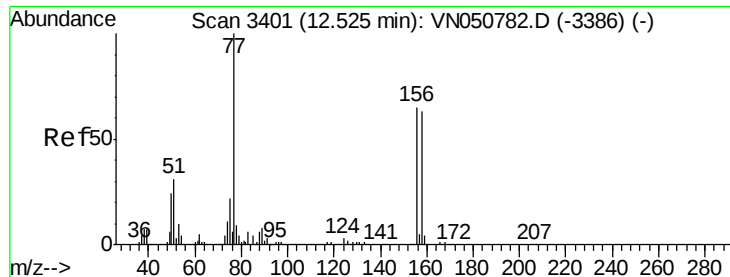
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 45.45 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

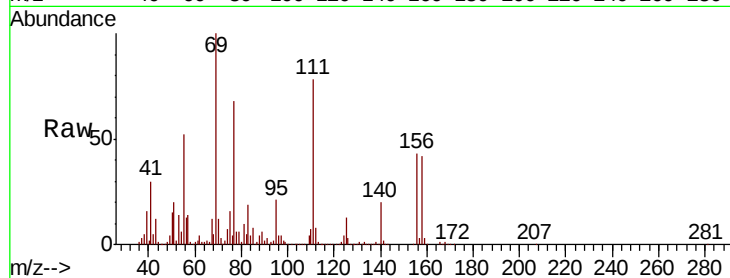
Tot Ion:156 Resp: 513465

Ion Ratio Lower Upper

156 100

77 180.4 89.9 269.7

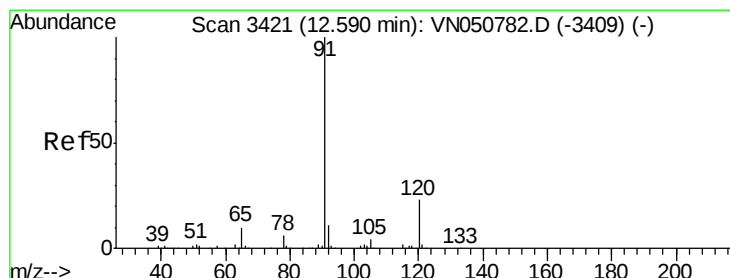
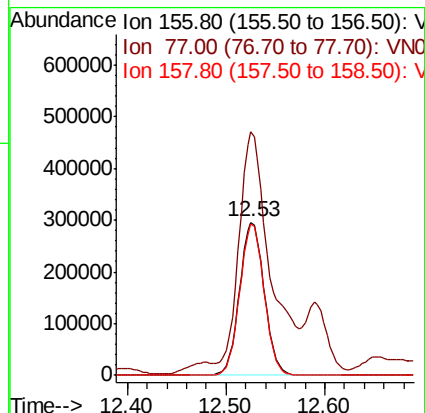
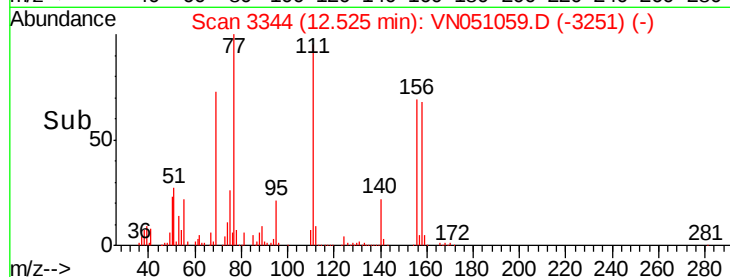
158 97.2 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 123.03 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051059.D

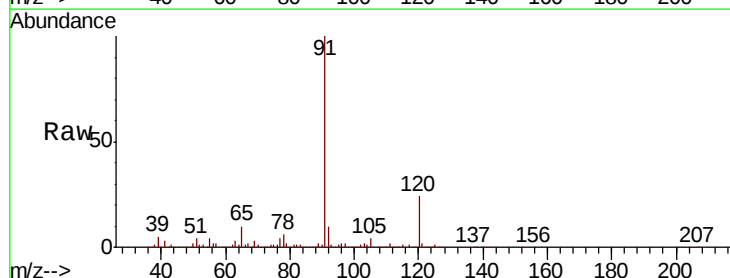
Acq: 7 Sep 2018 17:29

Tgt Ion: 91 Resp: 5713137

Ion Ratio Lower Upper

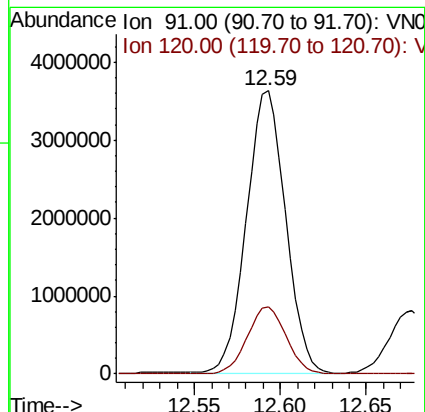
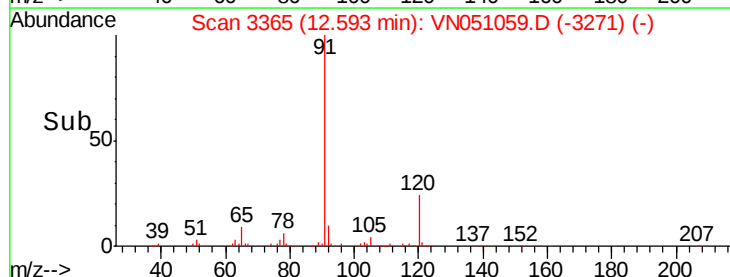
91 100

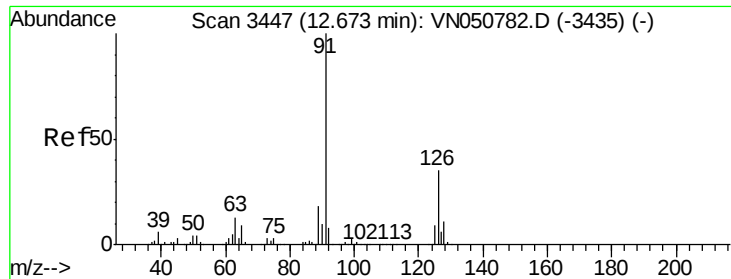
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.35 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

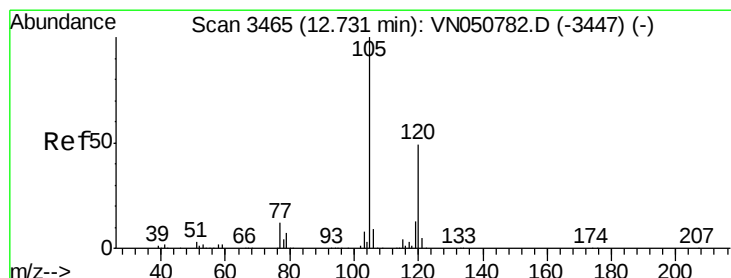
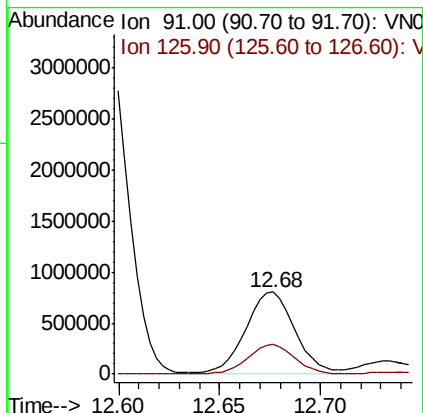
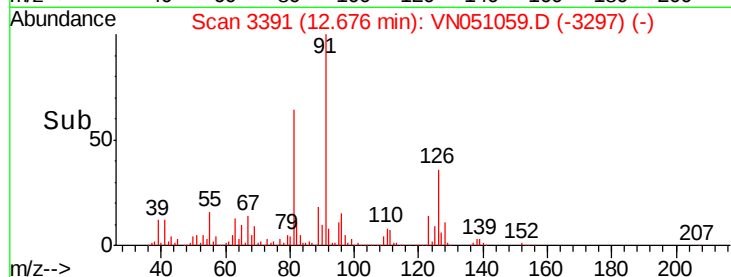
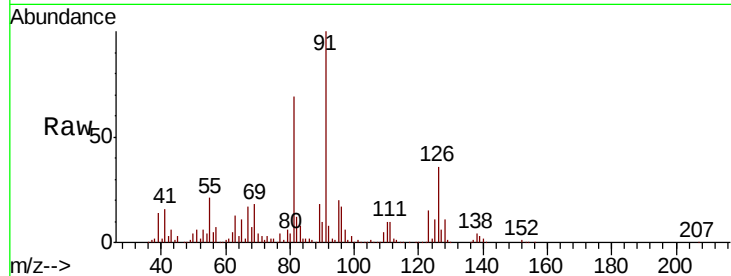
EP1-MW-C(15-20)MS

Tot Ion: 91 Resp: 1340643

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 48.67 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051059.D

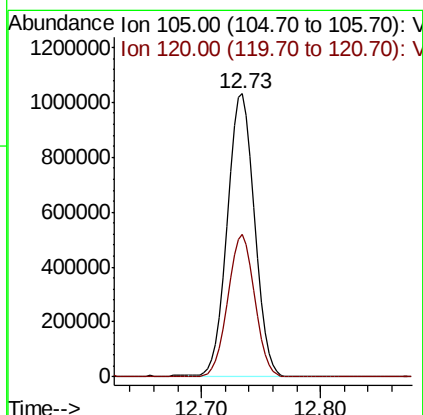
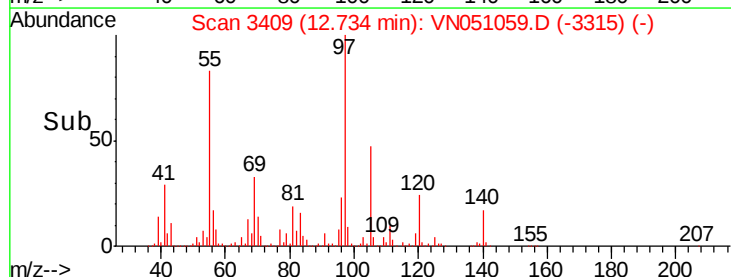
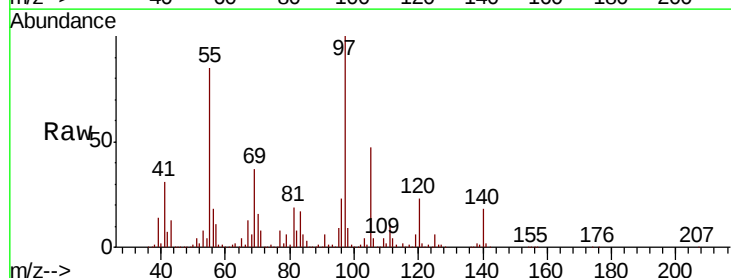
Acq: 7 Sep 2018 17:29

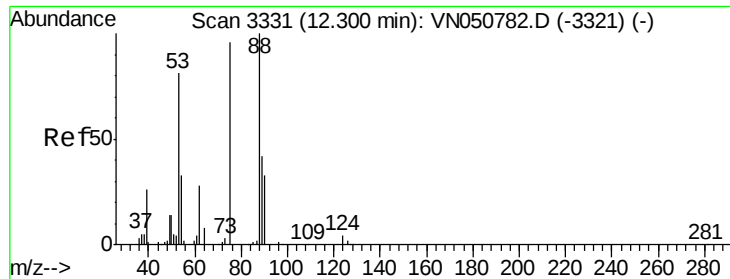
Tgt Ion: 105 Resp: 1632314

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.35 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

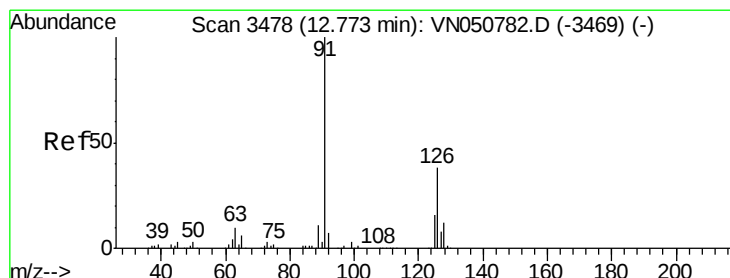
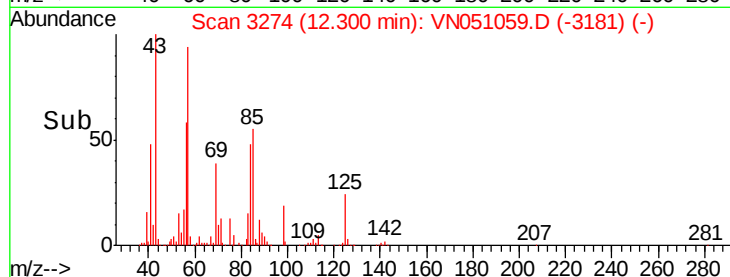
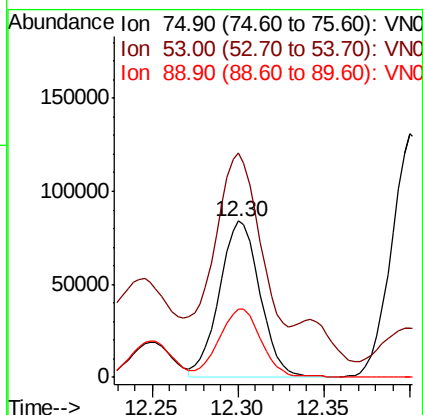
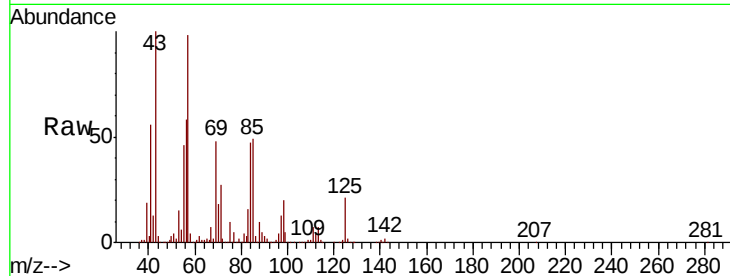
Tot Ion: 75 Resp: 136170

Ion Ratio Lower Upper

75 100

53 111.5 68.9 103.3#

89 45.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 46.37 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051059.D

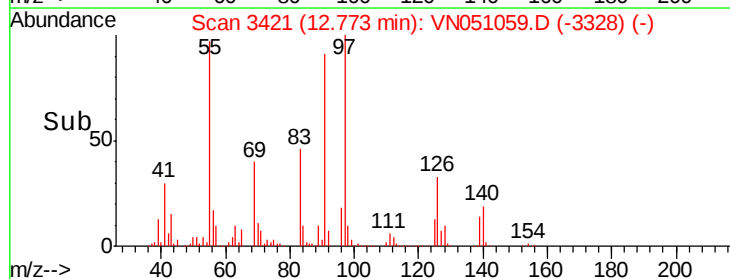
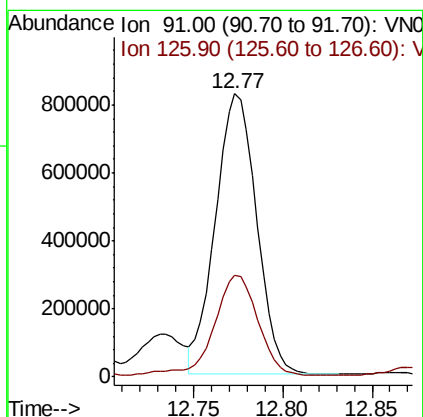
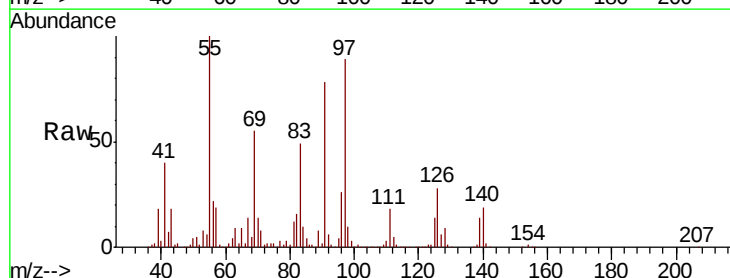
Acq: 7 Sep 2018 17:29

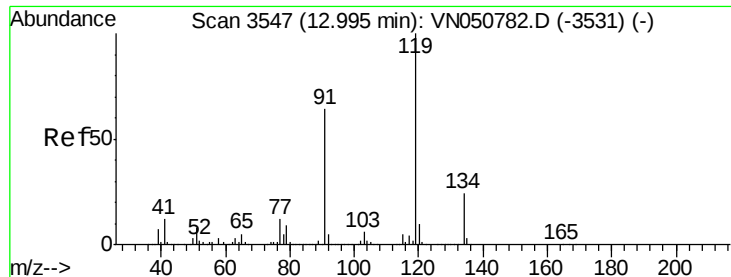
Tgt Ion: 91 Resp: 1323958

Ion Ratio Lower Upper

91 100

126 38.8 17.5 52.5

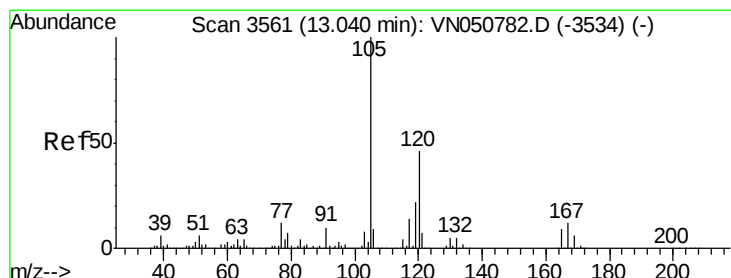
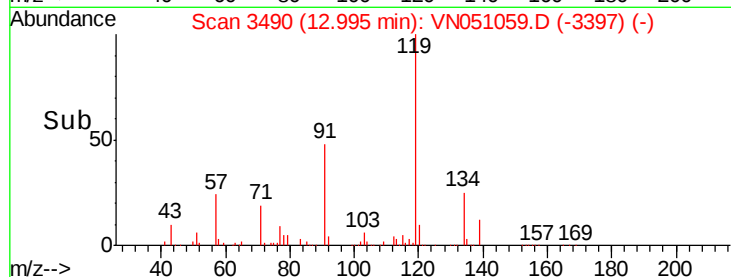
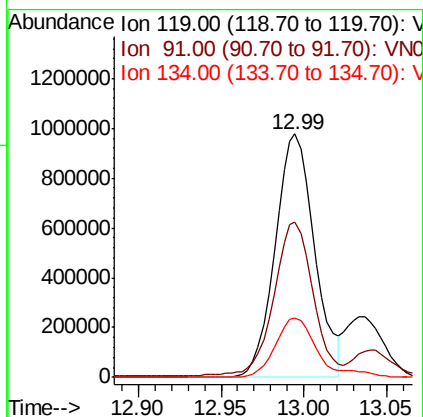
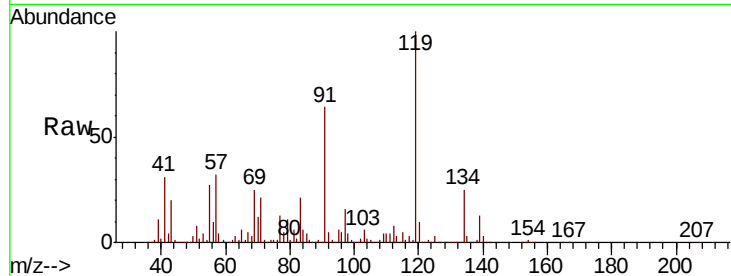




#83
 tert-Butylbenzene
 Concen: 55.61 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

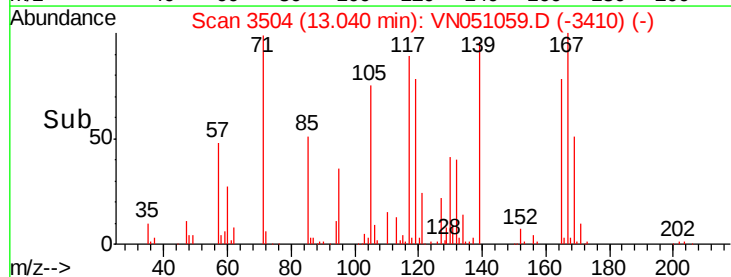
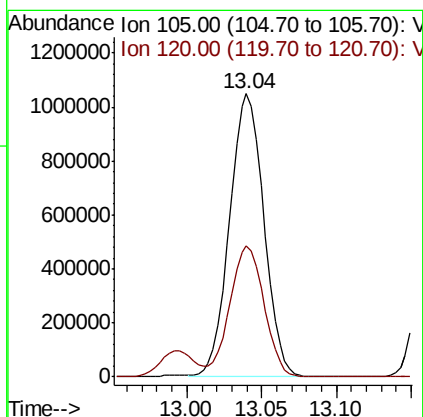
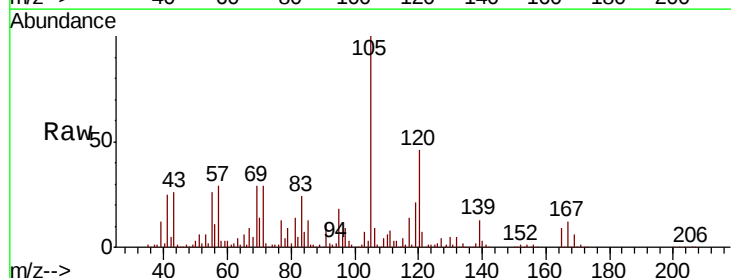
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

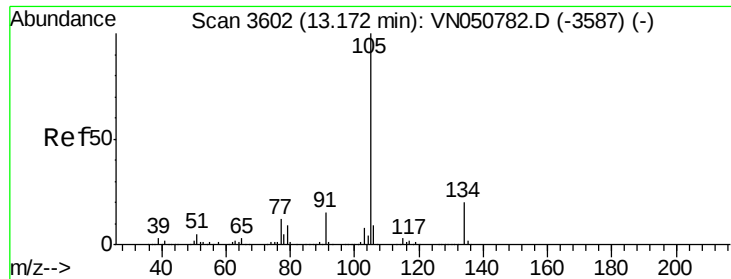
Tot Ion:119 Resp: 1615392
 Ion Ratio Lower Upper
 119 100
 91 62.9 31.6 94.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.40 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion:105 Resp: 1666551
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.8

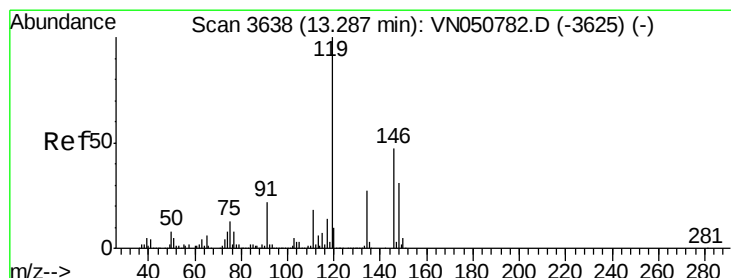
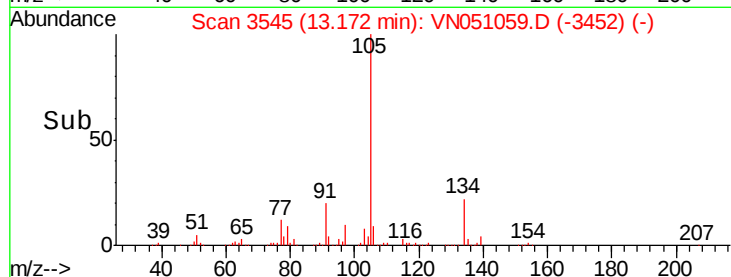
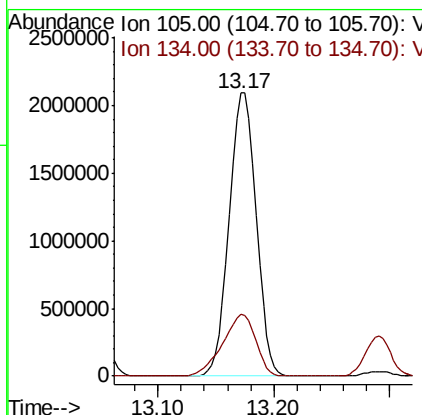
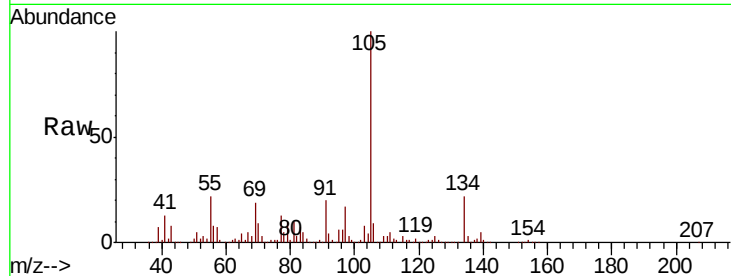




#85
 sec-Butylbenzene
 Concen: 88.14 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

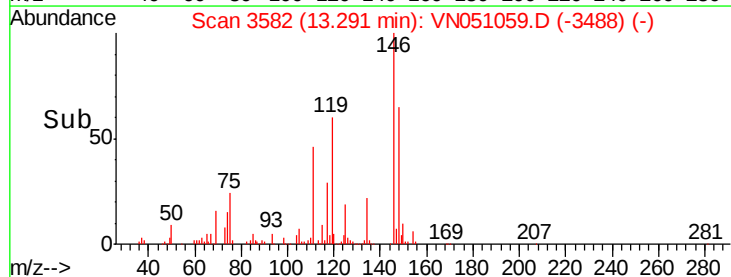
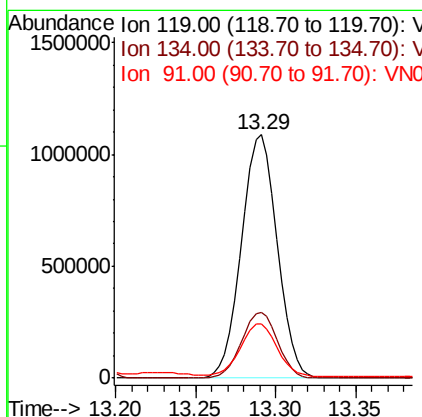
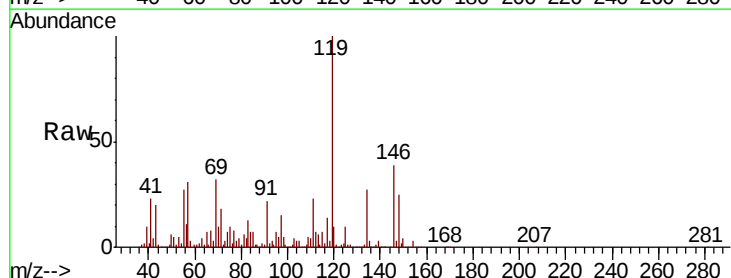
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

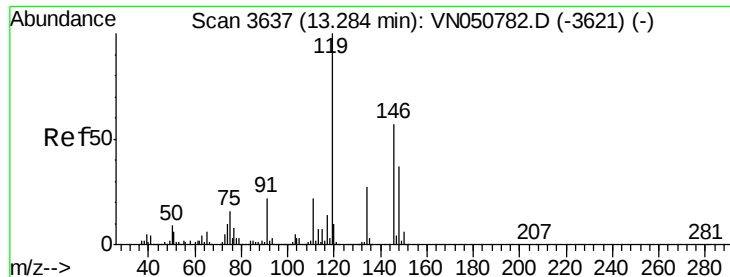
Tot Ion:105 Resp: 3355068
 Ion Ratio Lower Upper
 105 100
 134 27.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.88 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion:119 Resp: 1650034
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.0
 91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 44.94 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

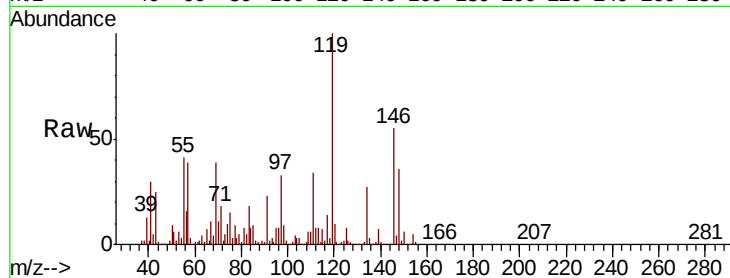
Tot Ion:146 Resp: 861545

Ion Ratio Lower Upper

146 100

111 66.2 19.1 57.3#

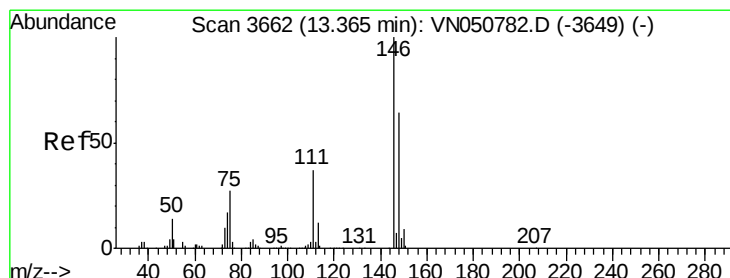
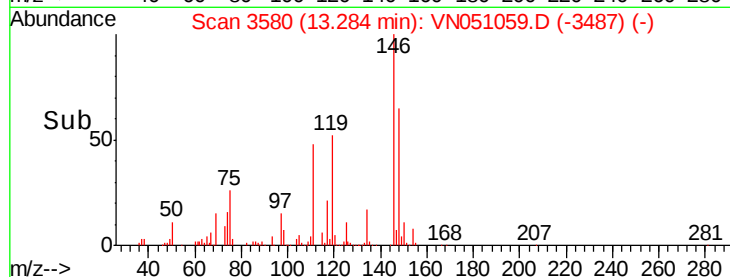
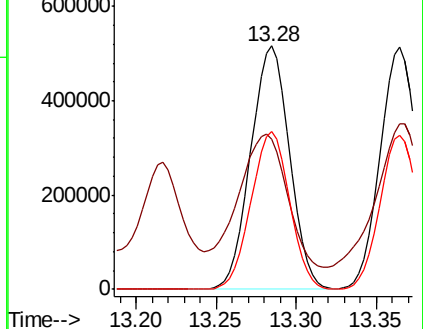
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.69 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

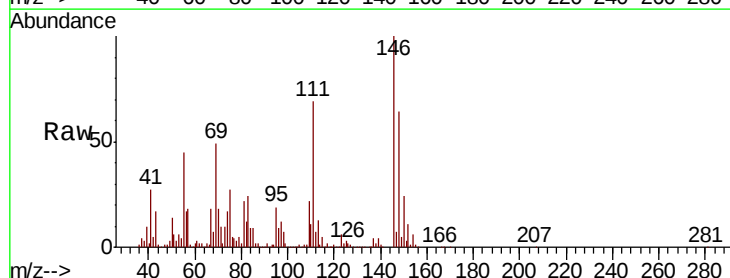
Tgt Ion:146 Resp: 843249

Ion Ratio Lower Upper

146 100

111 69.2 18.8 56.3#

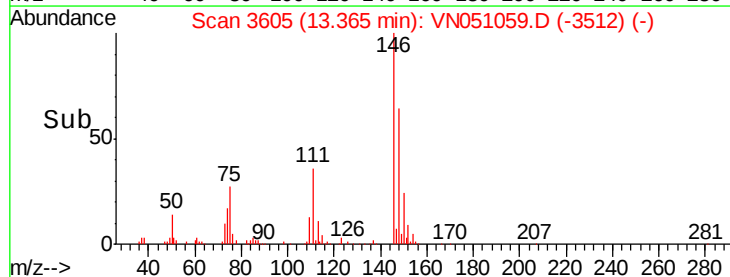
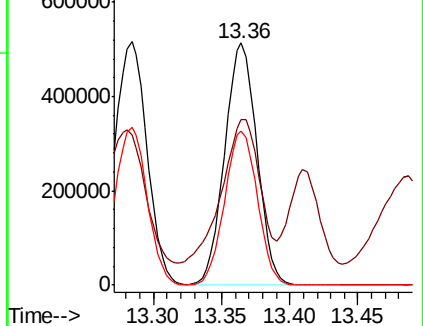
148 64.6 32.2 96.6

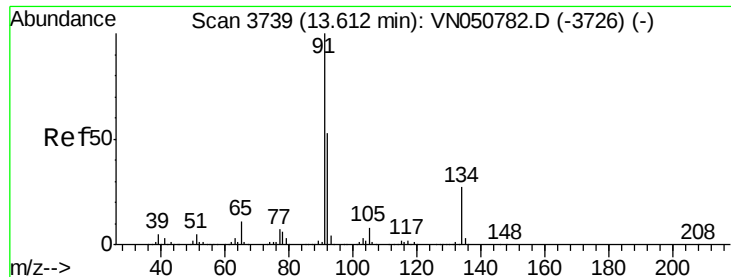


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

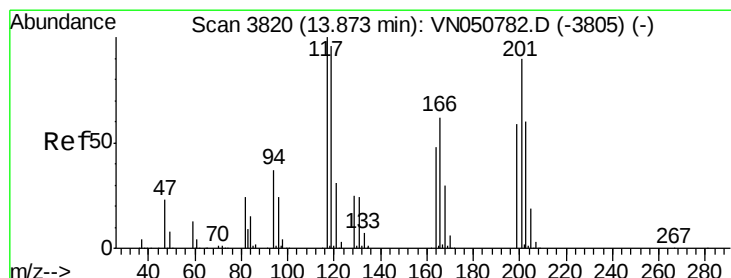
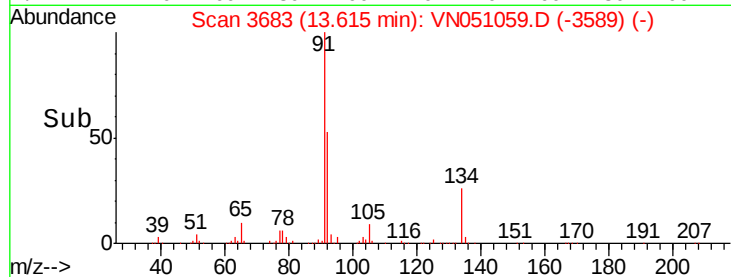
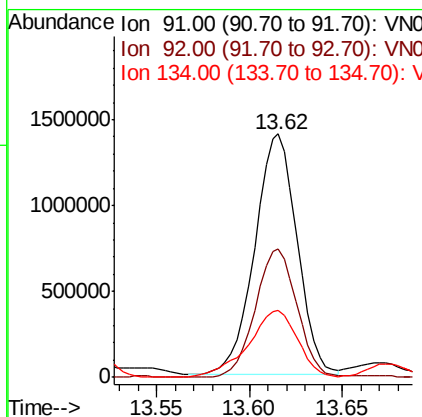
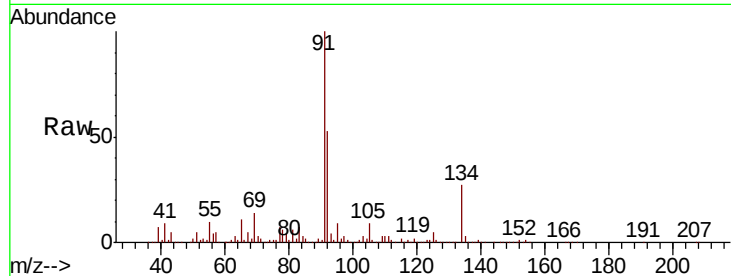




#89
n-Butylbenzene
Concen: 86.59 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

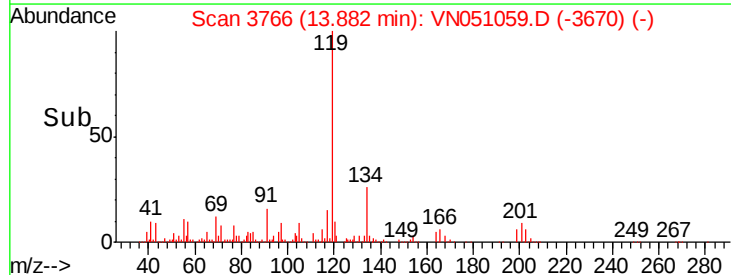
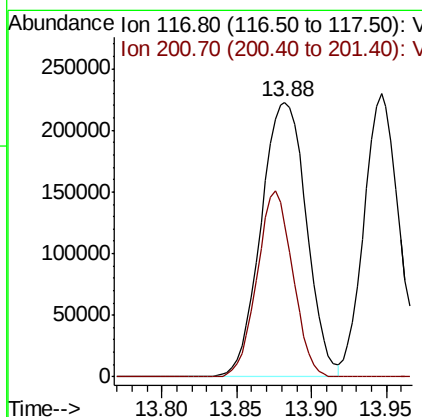
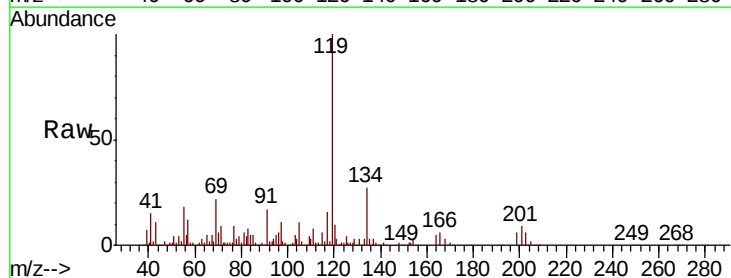
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)MS

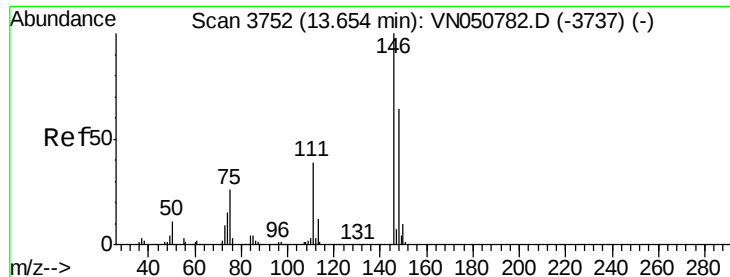
Tot Ion: 91 Resp: 2246068
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.2
134 32.3 13.2 39.6



#90
Hexachloroethane
Concen: 75.36 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN051059.D
Acq: 7 Sep 2018 17:29

Tgt Ion: 117 Resp: 466411
Ion Ratio Lower Upper
117 100
201 53.6 46.0 137.8





#91

1,2-Dichlorobenzene

Concen: 45.36 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

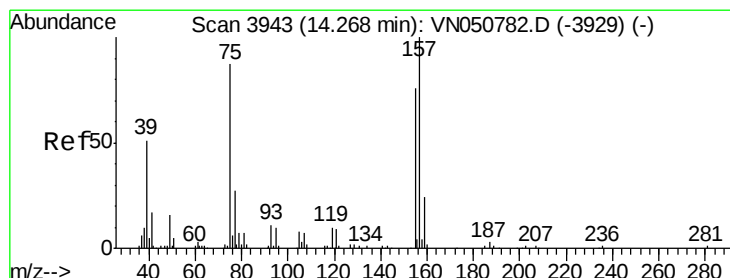
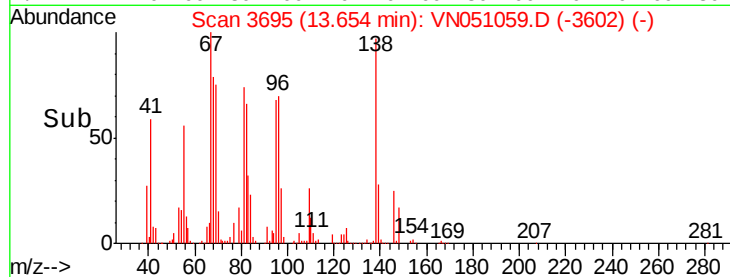
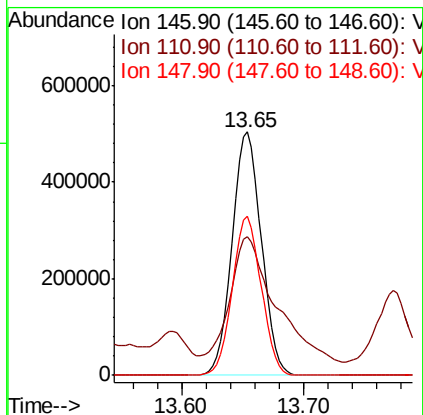
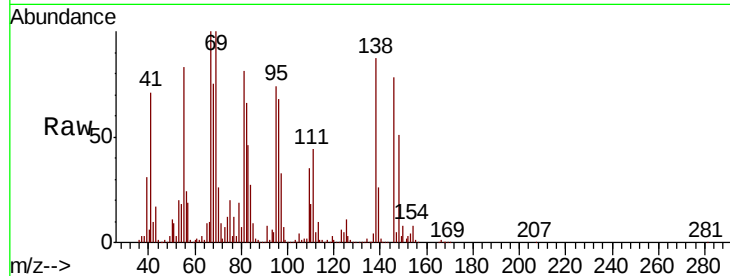
Tot Ion:146 Resp: 838948

Ion Ratio Lower Upper

146 100

111 79.1 19.8 59.3#

148 64.8 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.31 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

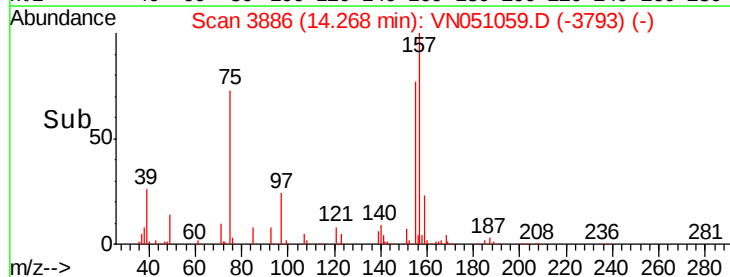
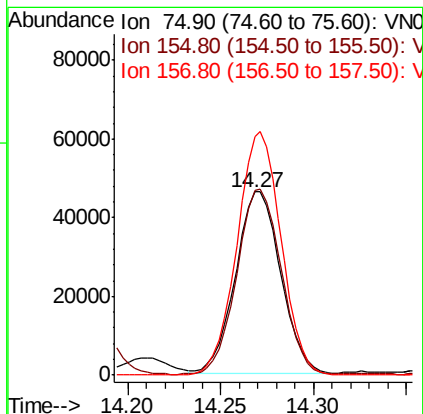
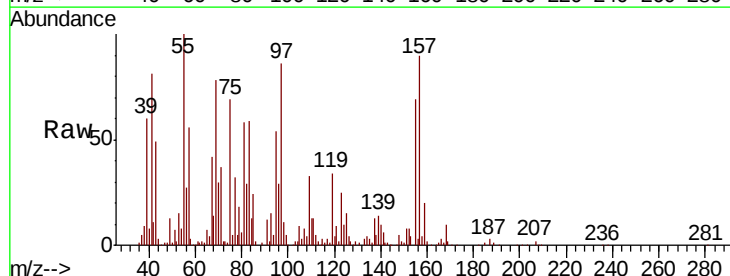
Tgt Ion: 75 Resp: 78098

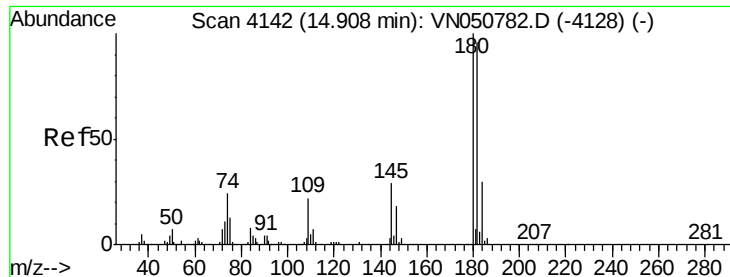
Ion Ratio Lower Upper

75 100

155 100.4 46.4 139.1

157 130.6 60.7 182.0

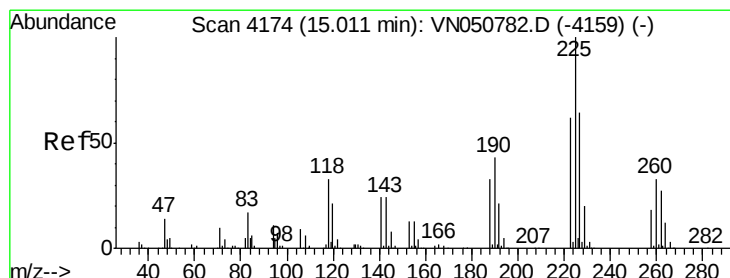
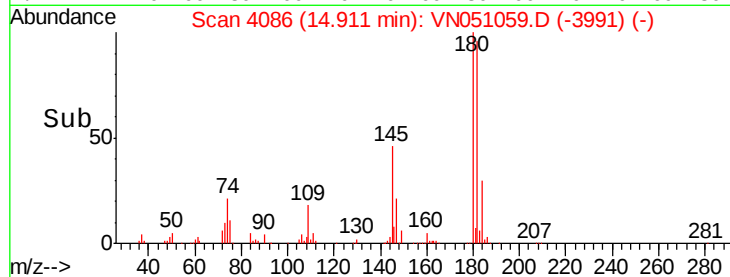
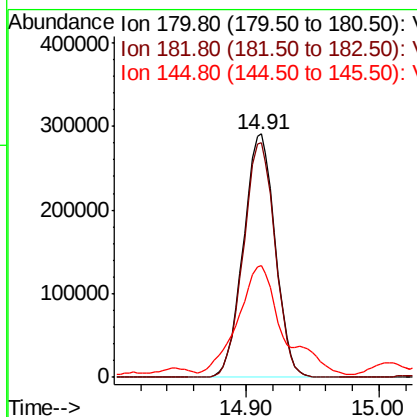
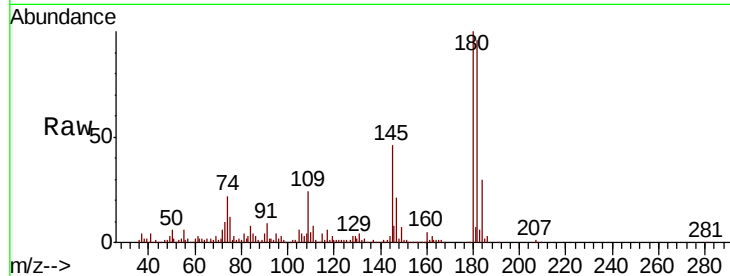




#93
 1,2,4-Trichlorobenzene
 Concen: 50.11 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

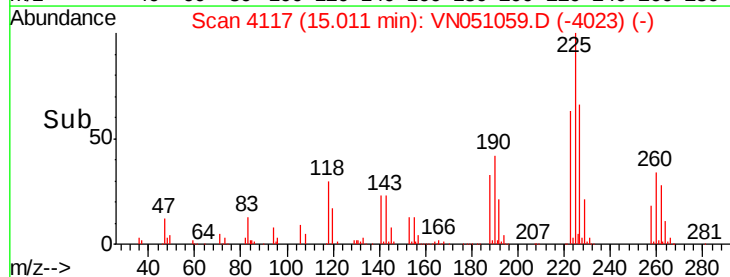
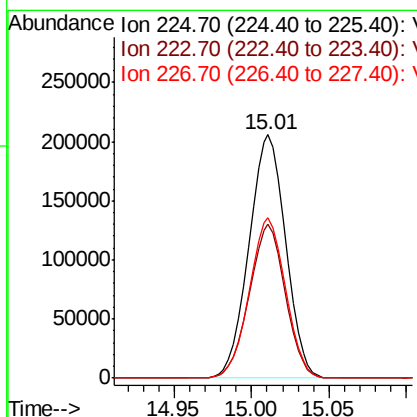
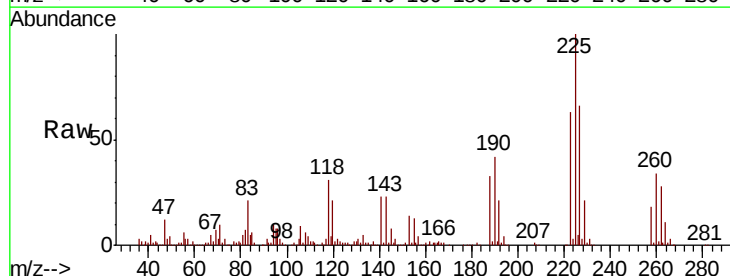
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

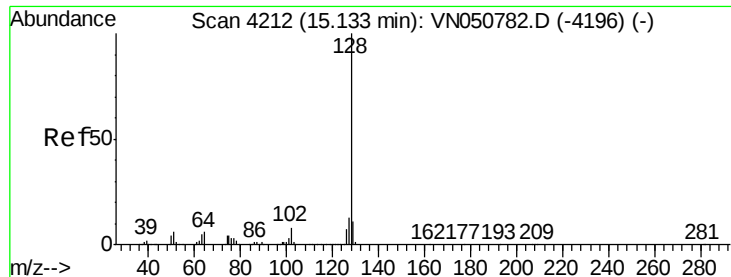
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.2	144.6
145	53.3	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 62.25 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051059.D
 Acq: 7 Sep 2018 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.8
227	64.9	32.0	96.2





#95

Naphthalene

Concen: 54.91 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)MS

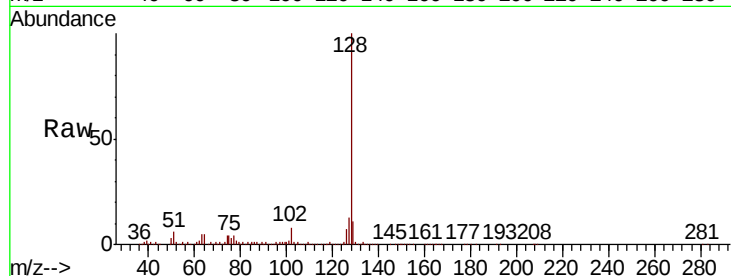
Tot Ion:128 Resp: 1113319

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

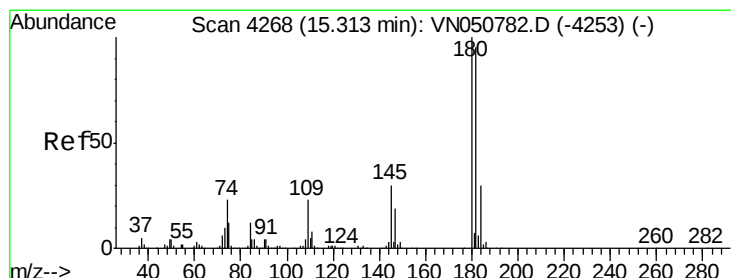
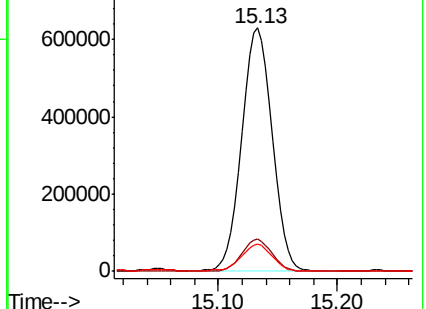
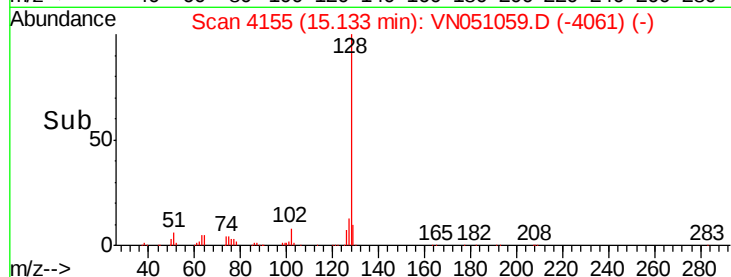
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.64 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051059.D

Acq: 7 Sep 2018 17:29

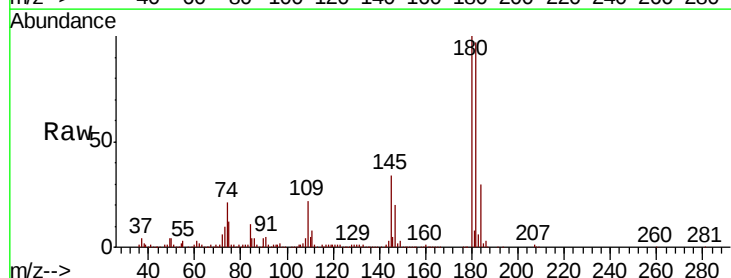
Tgt Ion:180 Resp: 466843

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.2

145 37.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

