

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051058.D
 Acq On : 7 Sep 2018 17:05
 Operator : MD\SY
 Sample : J4693-10DL 5X
 Misc : 5.91g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 07 23:14:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	460040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	396505	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	373896	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.09	98	1465904	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.40	95	591486	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2611	0.24	ug/l	100
5) Bromomethane	2.53	94	2204	Below	Cal #	80
10) Methyl Iodide	3.95	142	677	6.42	ug/l #	49
11) Tert butyl alcohol	4.73	59	869	1.71	ug/l #	72
16) Acetone	3.83	43	995	Below	Cal #	77
18) Methyl Acetate	4.34	43	3341	0.44	ug/l #	83
31) Cyclohexane	7.66	56	14880	1.56	ug/l #	11
36) 1,1-Dichloropropene	7.67	75	40877	3.45	ug/l #	44
38) Carbon Tetrachloride	7.67	117	56959	4.76	ug/l #	17
39) Methylcyclohexane	9.08	83	49889	3.90	ug/l	98
43) Isopropyl Acetate	8.30	43	18636	1.59	ug/l #	58
48) Methyl methacrylate	9.14	41	1680	0.28	ug/l #	26
55) 1,1,2-Trichloroethane	10.53	97	51496	6.56	ug/l #	20
56) Ethyl methacrylate	10.43	69	24142	4.60	ug/l #	23
59) 2-Hexanone	10.72	43	180079	38.77	ug/l #	28
65) Chlorobenzene	11.54	112	15177	0.60	ug/l #	43
73) Isopropylbenzene	12.25	105	691445	18.15	ug/l	100
74) N-amyl acetate	12.04	43	1273935	133.10	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	119041	11.86	ug/l #	48
76) 1,2,3-Trichloropropane	12.59	75	12370	1.54	ug/l #	100
77) Bromobenzene	12.50	156	3180	0.31	ug/l #	1
78) n-propylbenzene	12.59	91	2026386	47.62	ug/l	99
79) 2-Chlorotoluene	12.59	91	2026386	76.45	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	22561	0.73	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.25	75	7450	3.13	ug/l #	9
82) 4-Chlorotoluene	12.59	91	2027282	77.47	ug/l #	40
83) tert-Butylbenzene	12.99	119	113633	4.27	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	157739	5.10	ug/l	99
85) sec-Butylbenzene	13.17	105	822610	23.58	ug/l #	68
86) p-Isopropyltoluene	13.44	119	217953	7.33	ug/l	96
89) n-Butylbenzene	13.62	91	490544	20.64	ug/l #	88
90) Hexachloroethane	13.89	117	116792	20.73	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	1833	1.34	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	569	4.14	ug/l #	1

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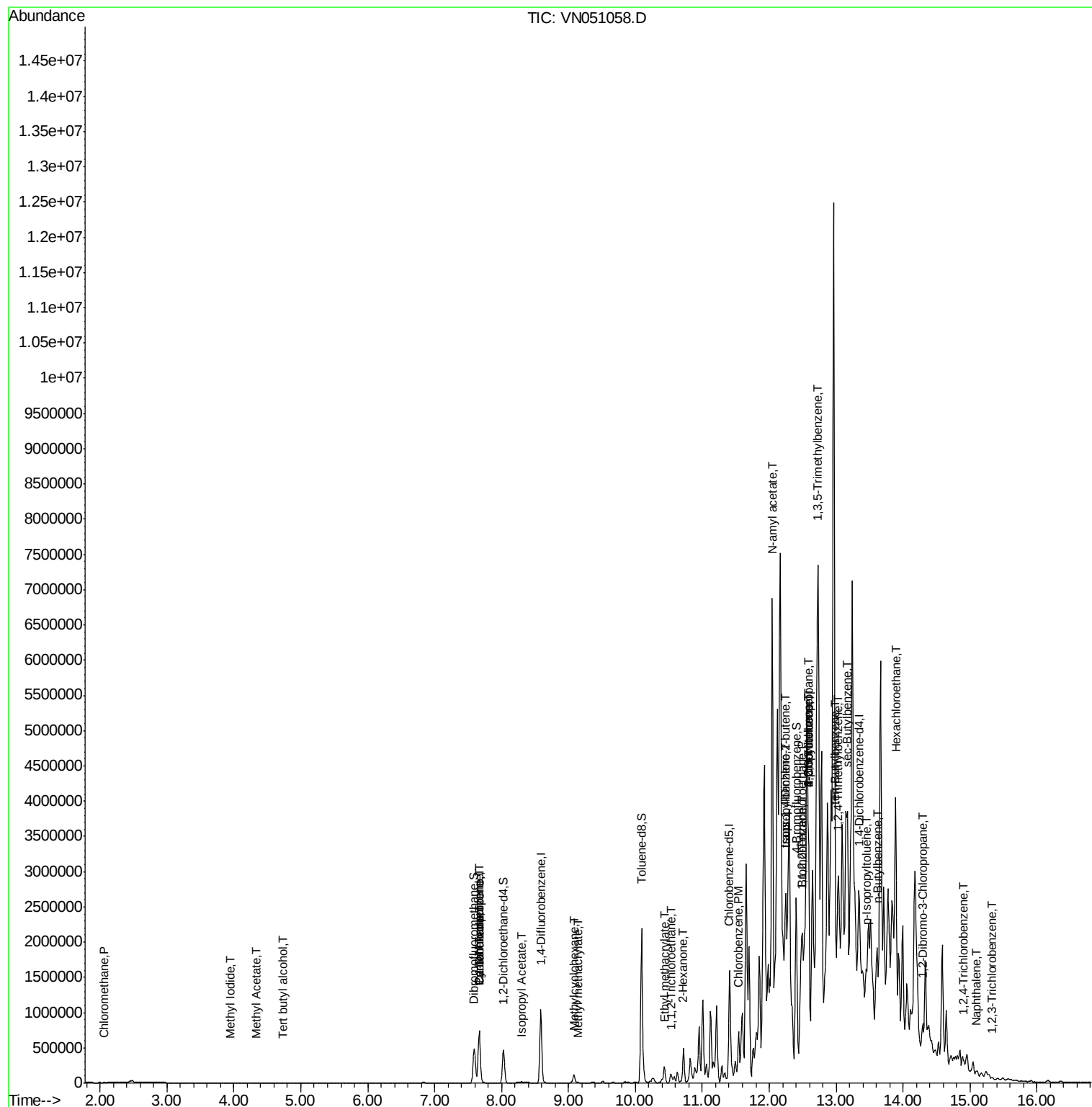
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.09	128	935	5.45	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.32	180	351	3.34	ug/l #	60

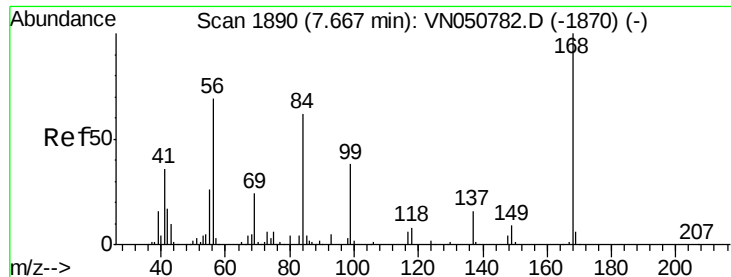
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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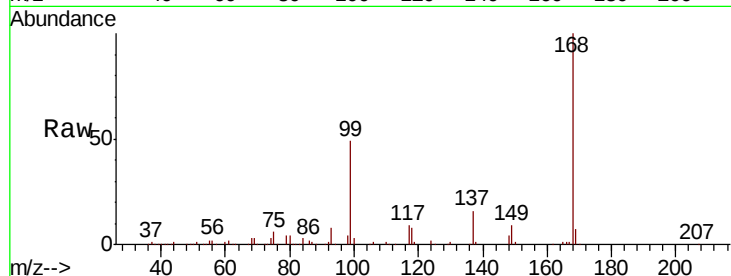


#1

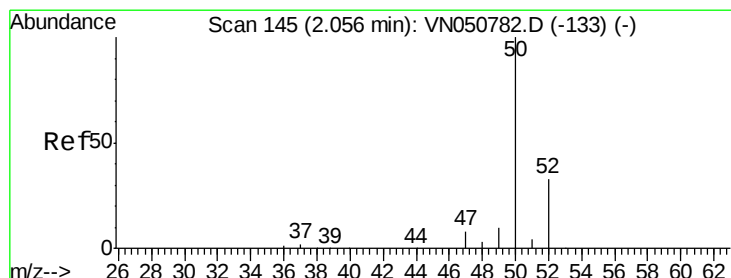
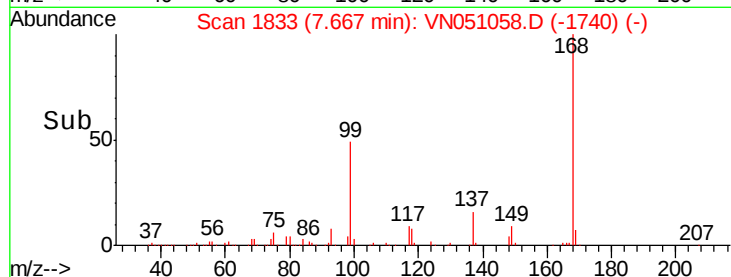
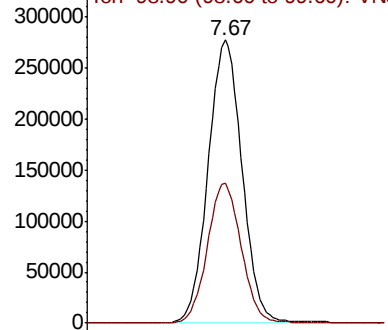
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

Instrument :
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 ClientSampleId :
 EP1-MW-C(15-20)DL

Tot Ion:168 Resp: 661797
 Ion Ratio Lower Upper
 168 100
 99 49.3 39.6 59.4



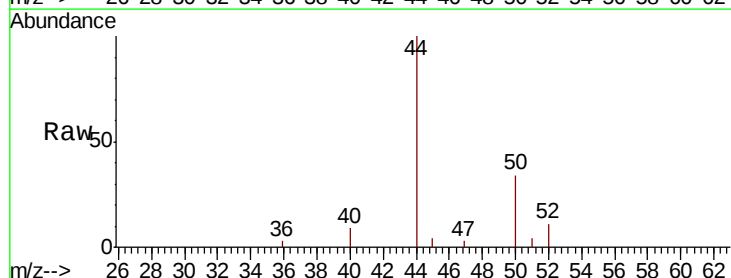
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN0



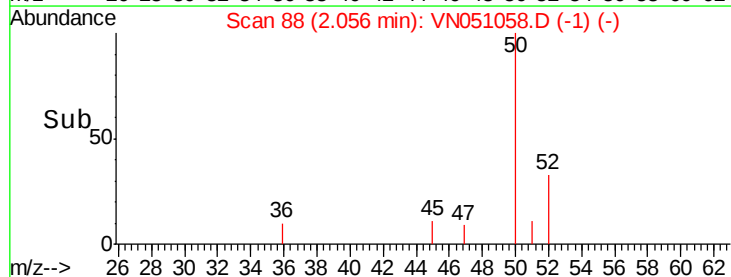
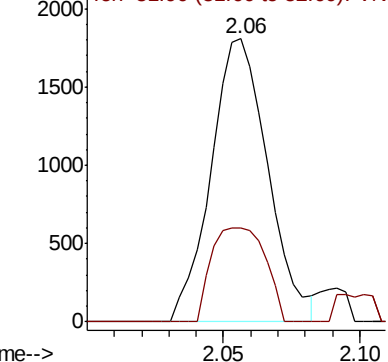
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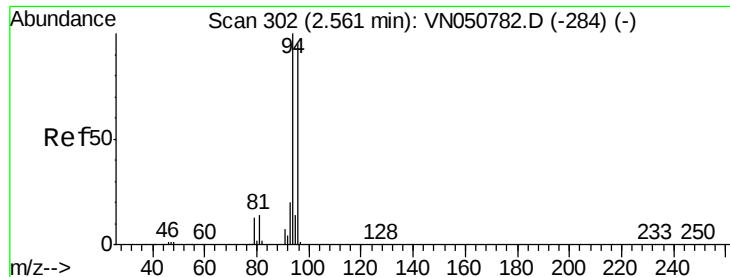
Chloromethane
 Concen: 0.24 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

Tgt Ion: 50 Resp: 2611
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0
 Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 235

Delta R.T. -0.03 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

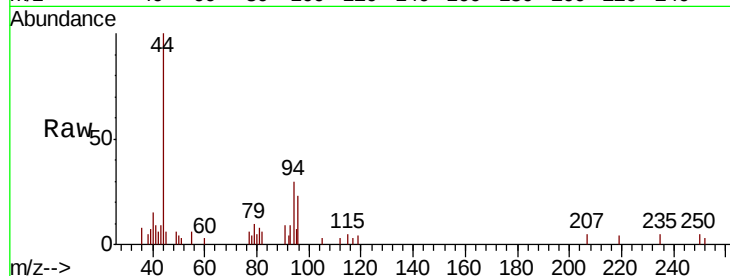
EP1-MW-C(15-20)DL

Tot Ion: 94 Resp: 2204

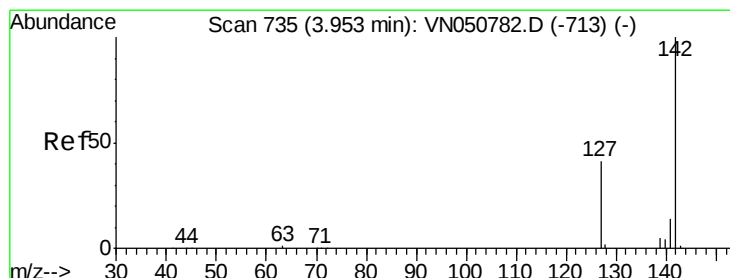
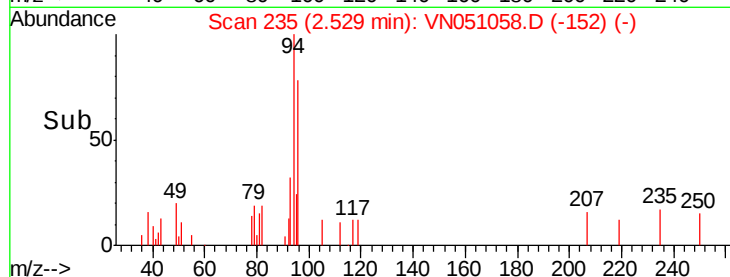
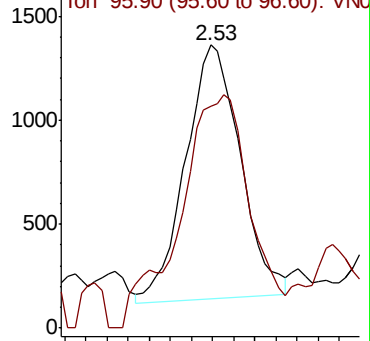
Ion Ratio Lower Upper

94 100

96 75.5 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN051058.D (-152) (-)



#10

Methyl Iodide

Concen: 6.42 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

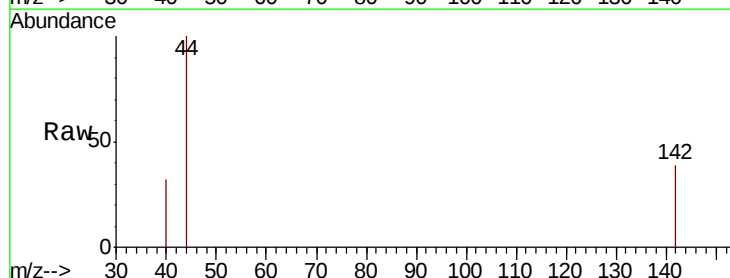
Tgt Ion: 142 Resp: 677

Ion Ratio Lower Upper

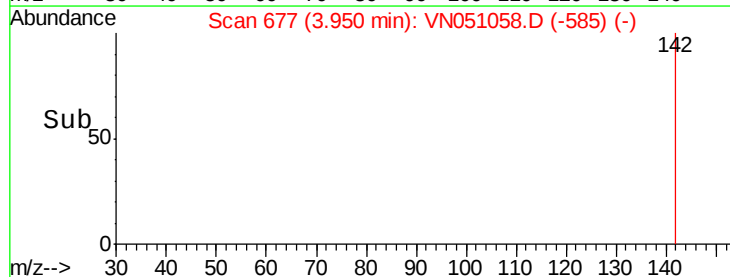
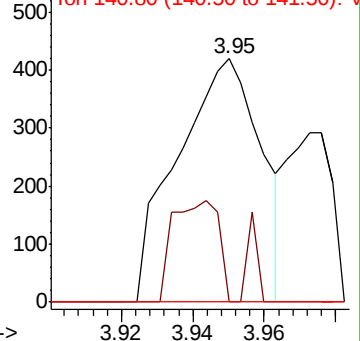
142 100

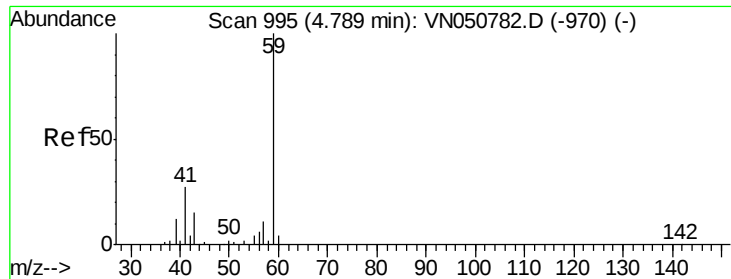
127 4.4 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN051058.D (-585) (-)

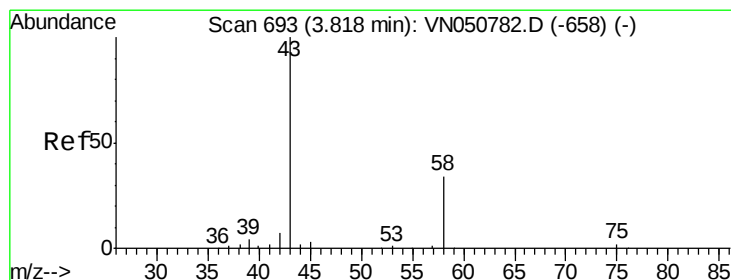
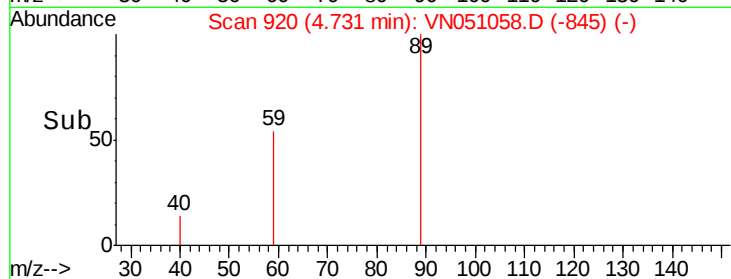
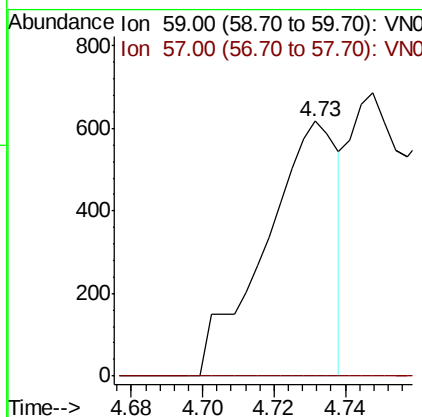
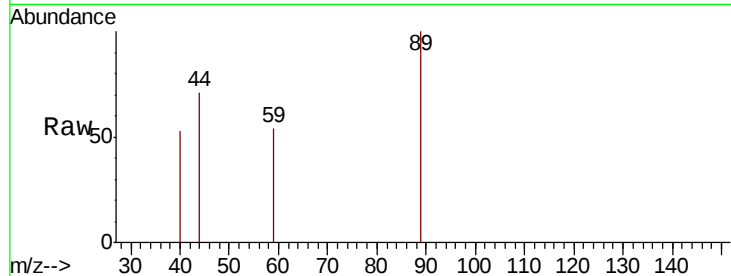




#11
Tert butyl alcohol
Concen: 1.71 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.06 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

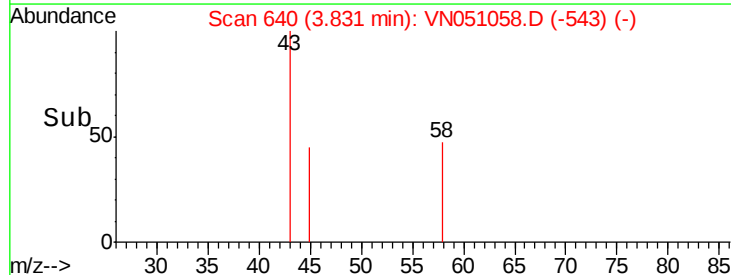
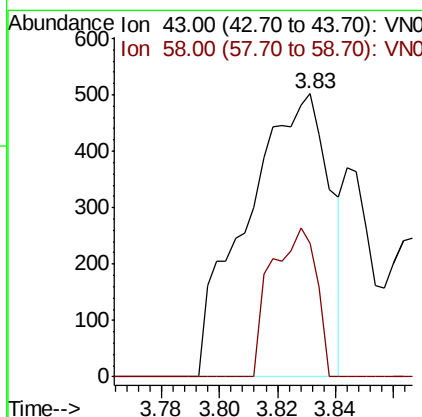
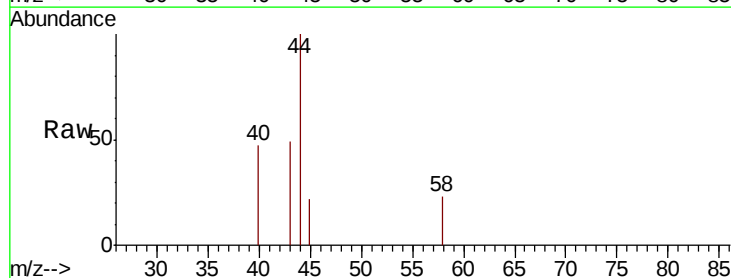
Instrument :
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EP1-MW-C(15-20)DL

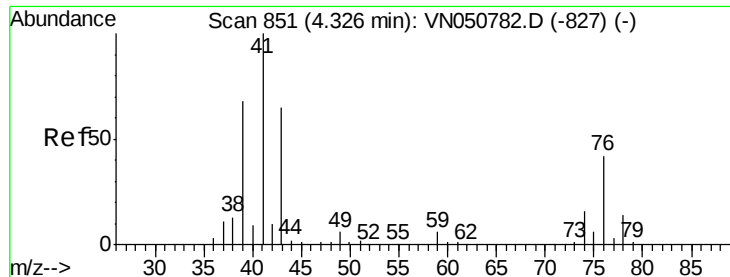
Tot Ion: 59 Resp: 869
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 47.2 27.2 40.8#

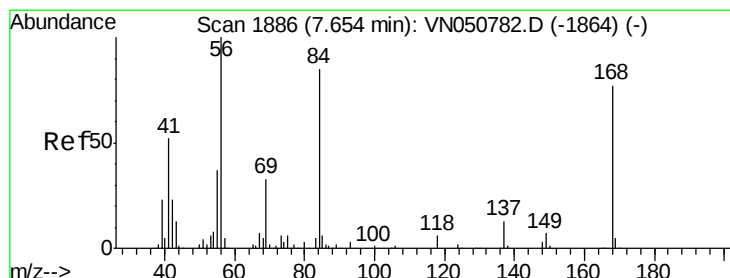
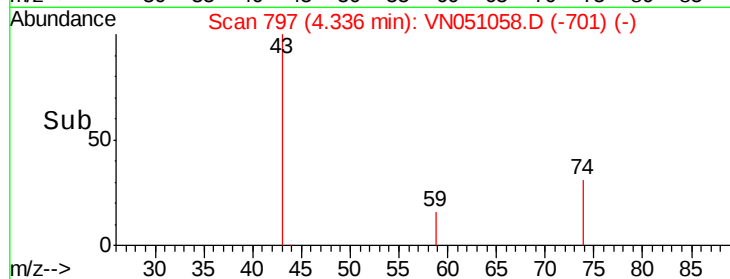
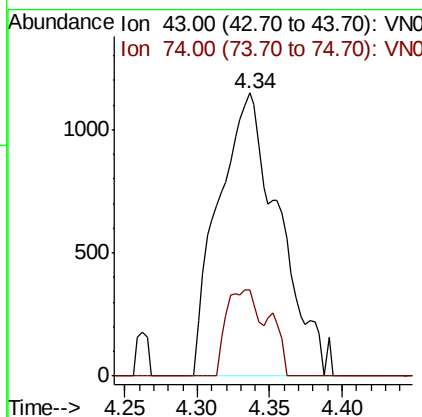
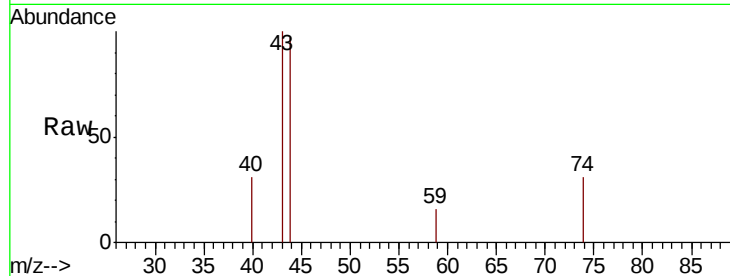




#18
Methvl Acetate
Concen: 0.44 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

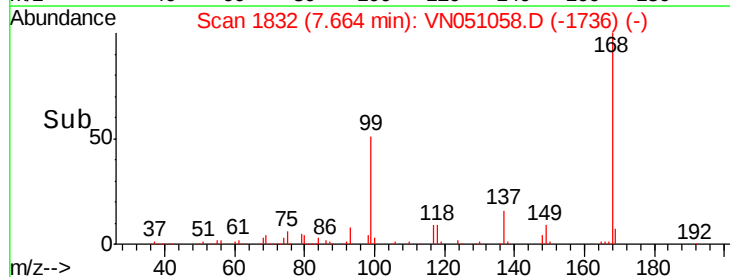
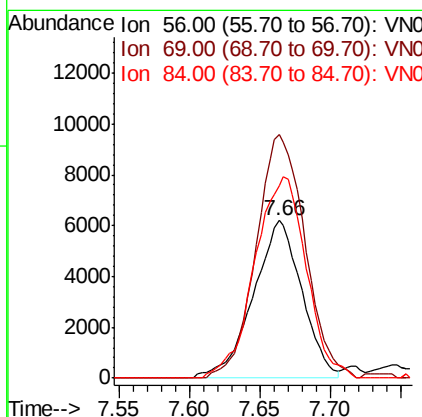
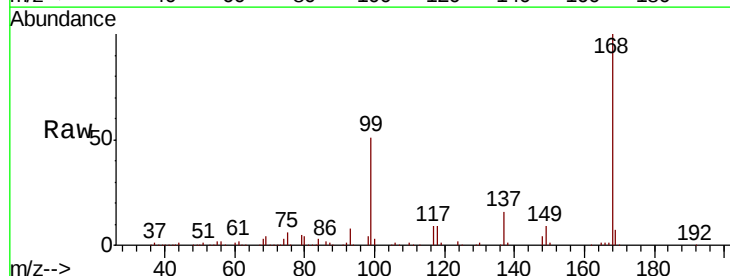
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)DL

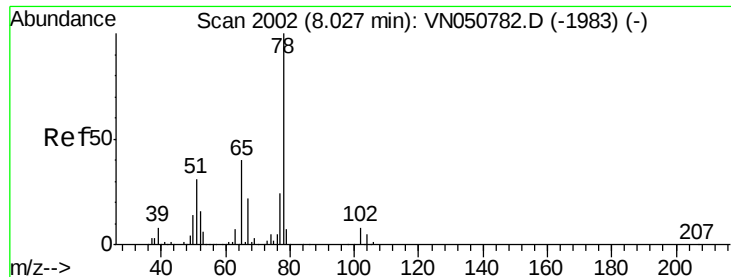
Tot Ion: 43 Resp: 3341
Ion Ratio Lower Upper
43 100
74 16.3 19.8 29.8#



#31
Cyclohexane
Concen: 1.56 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion: 56 Resp: 14880
Ion Ratio Lower Upper
56 100
69 154.4 26.2 39.4#
84 121.9 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 49.77 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

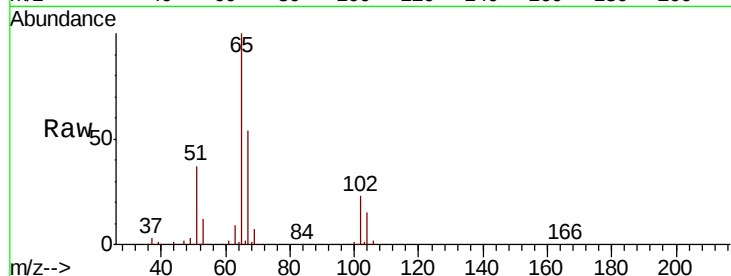
EP1-MW-C(15-20)DL

Tot Ion: 65 Resp: 396505

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN051058.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN051058.D (-1983) (-)

8.03

200000

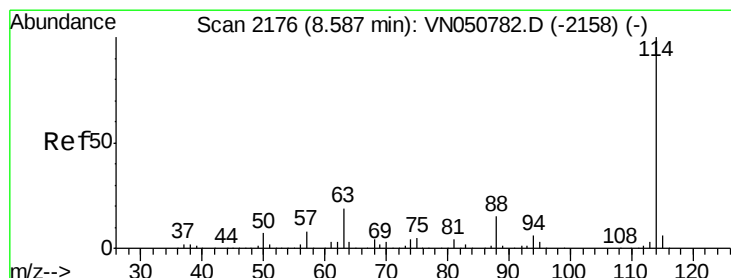
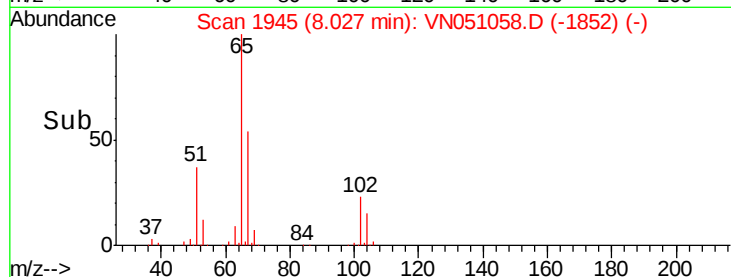
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

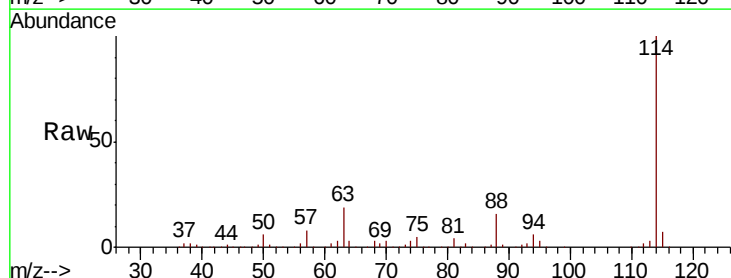
Tgt Ion: 114 Resp: 1003252

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 15.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN051058.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN051058.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN051058.D (-2158) (-)

8.59

600000

500000

400000

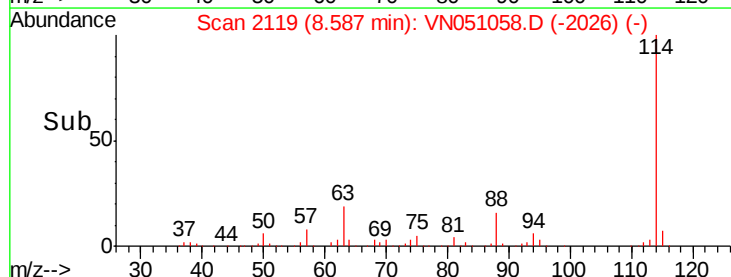
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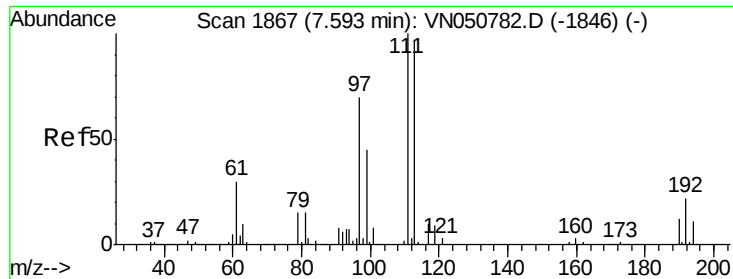
200000

100000

0

Time-->

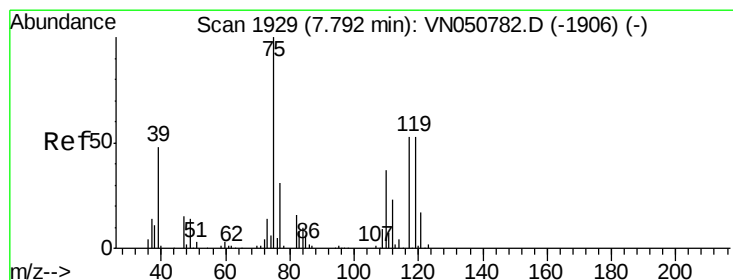
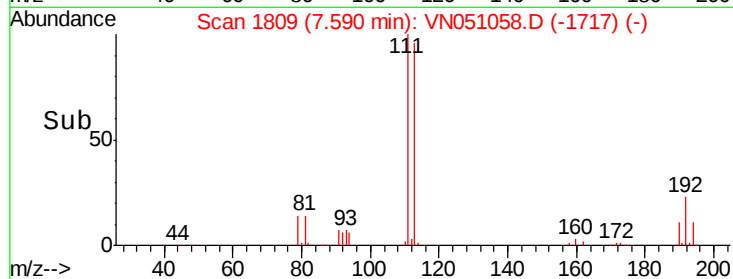
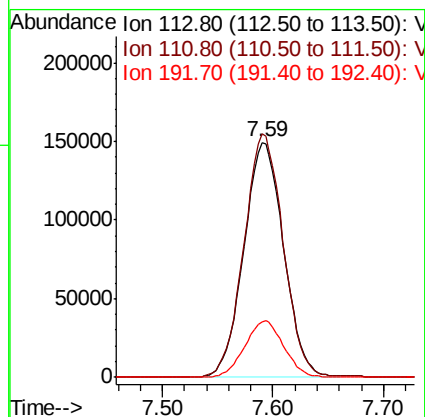
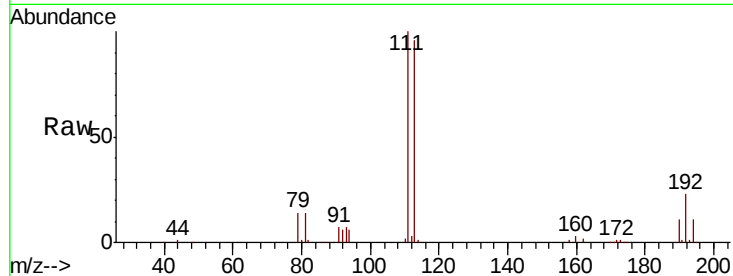




#35
 Dibromofluoromethane
 Concen: 46.85 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

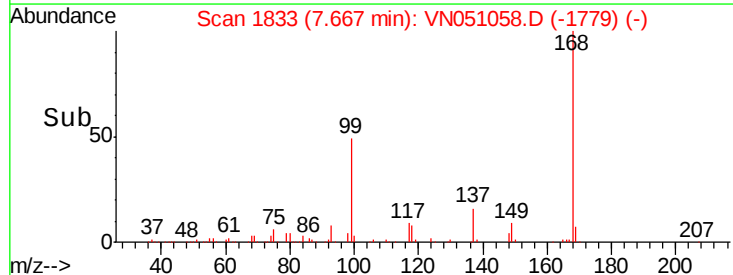
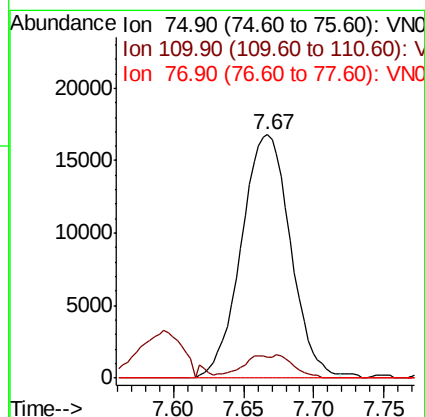
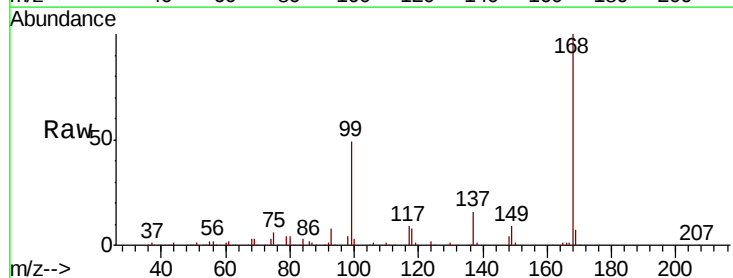
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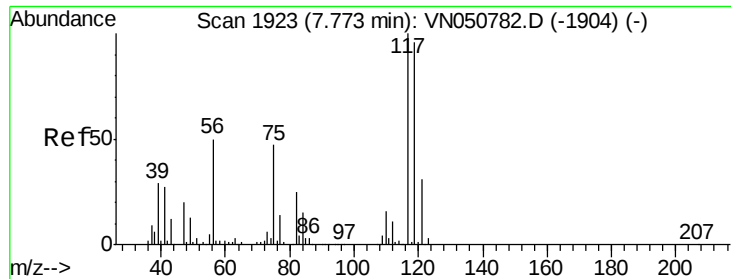
Tot Ion:113 Resp: 373896
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 23.7 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 3.45 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

Tgt Ion: 75 Resp: 40877
 Ion Ratio Lower Upper
 75 100
 110 3.7 18.1 54.4#
 77 0.0 24.8 37.2#

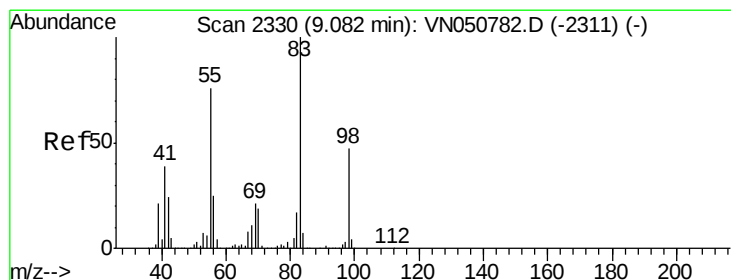
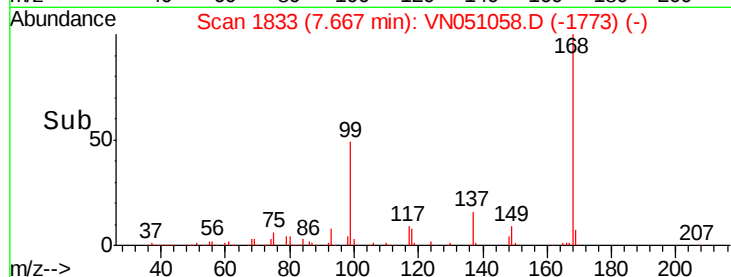
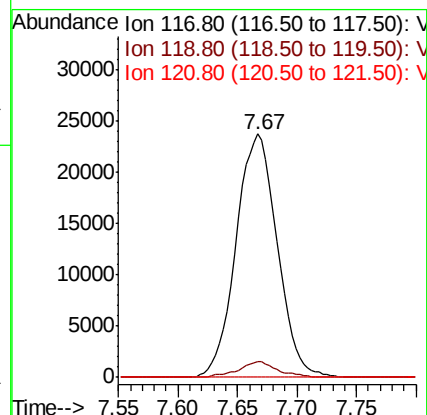
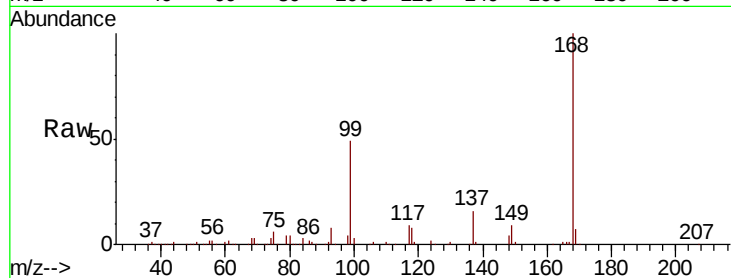




#38
Carbon Tetrachloride
Concen: 4.76 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

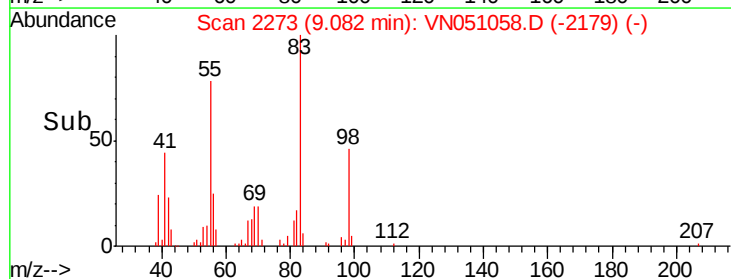
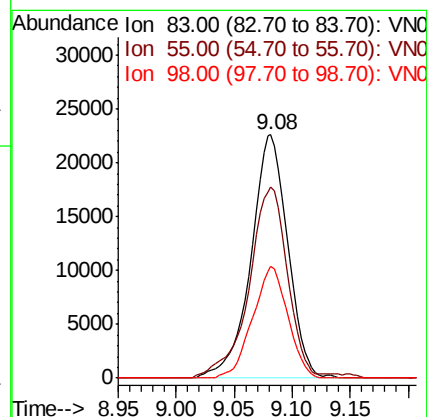
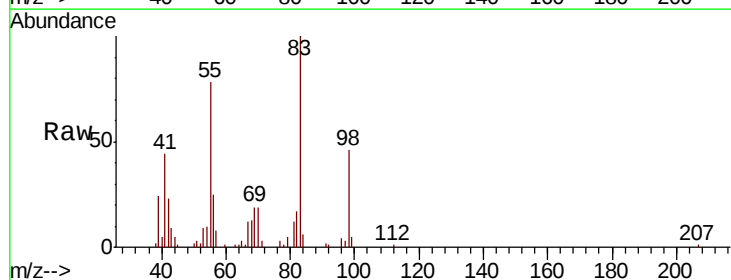
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)DL

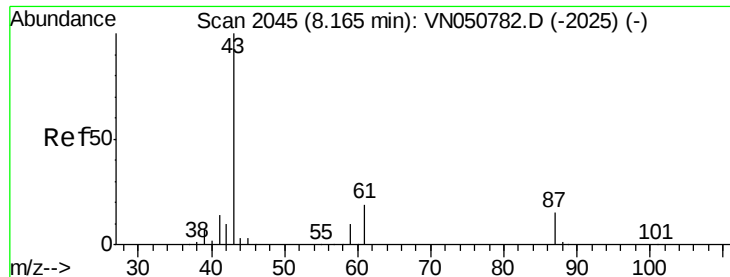
Tot Ion:117 Resp: 56959
Ion Ratio Lower Upper
117 100
119 6.5 76.3 114.5#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 3.90 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion: 83 Resp: 49889
Ion Ratio Lower Upper
83 100
55 78.4 61.0 91.4
98 45.8 37.5 56.3





#43

Isopropyl Acetate

Concen: 1.59 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.13 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

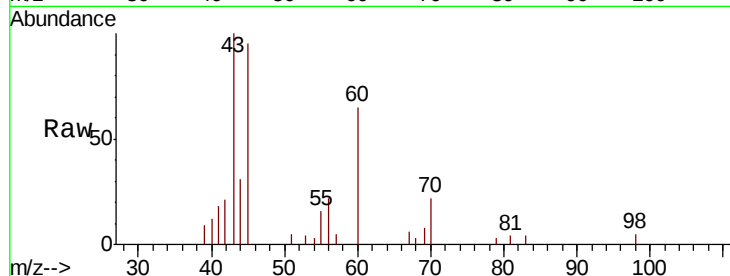
Tot Ion: 43 Resp: 18636

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

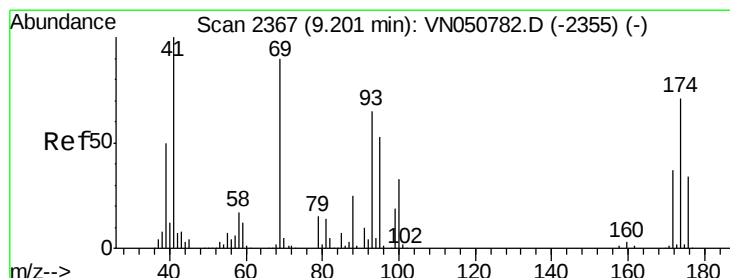
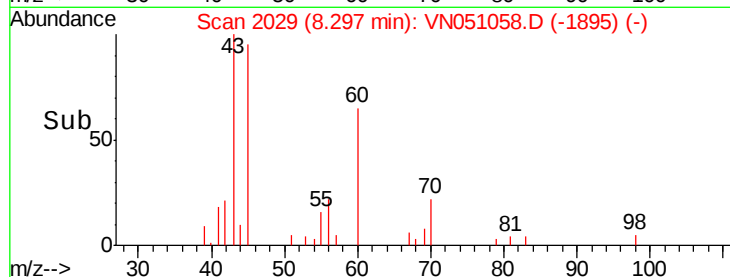
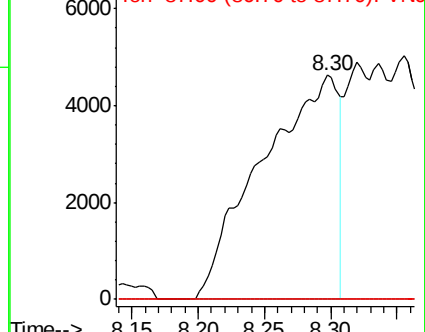
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 0.28 ug/l

RT: 9.14 min Scan# 2292

Delta R.T. -0.06 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

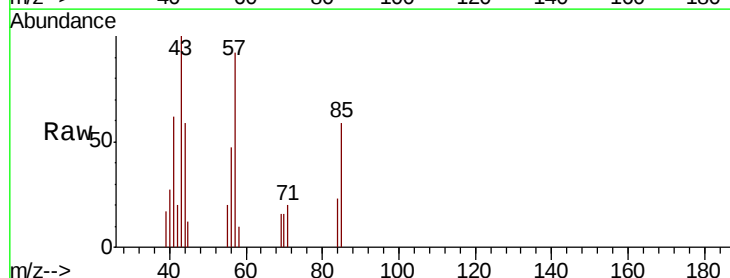
Tgt Ion: 41 Resp: 1680

Ion Ratio Lower Upper

41 100

69 21.9 74.7 112.1#

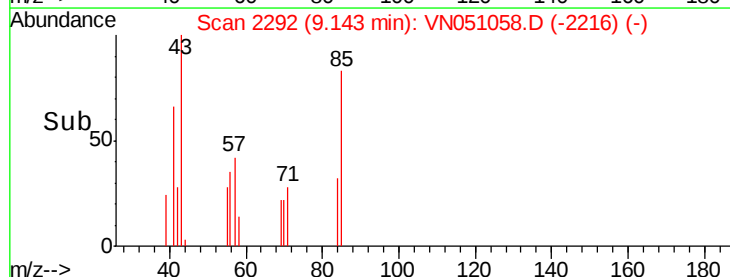
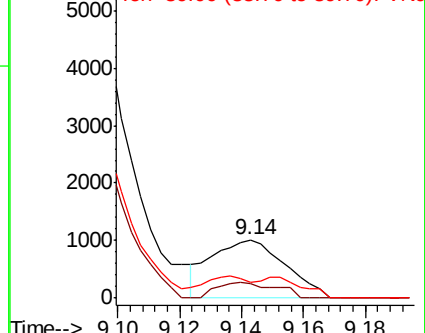
39 0.0 42.2 63.2#

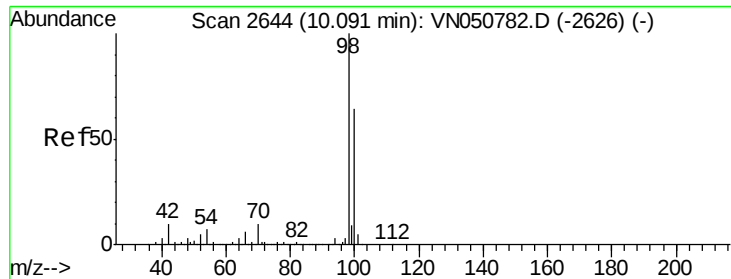


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.12 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

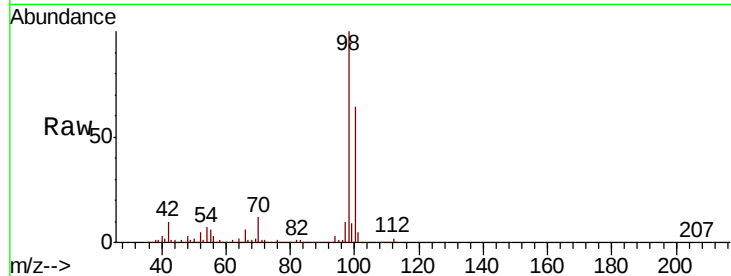
EP1-MW-C(15-20)DL

Tot Ion: 98 Resp: 1465904

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

10.09

800000

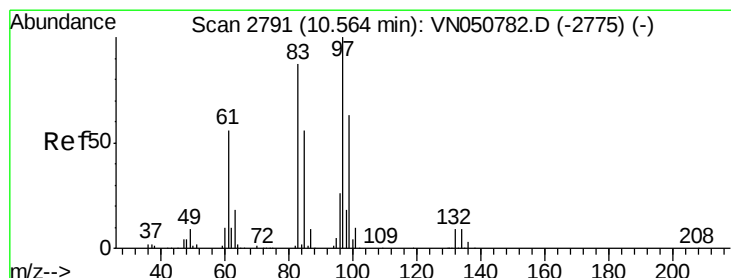
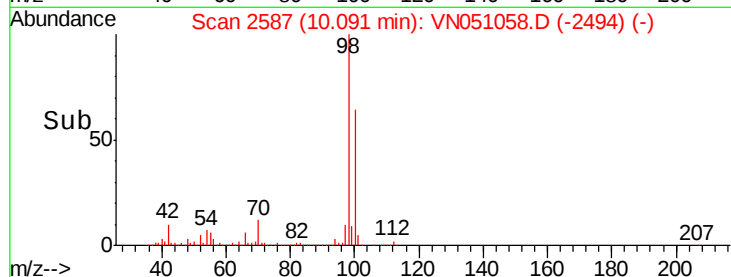
600000

400000

200000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 6.56 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Tgt Ion: 97 Resp: 51496

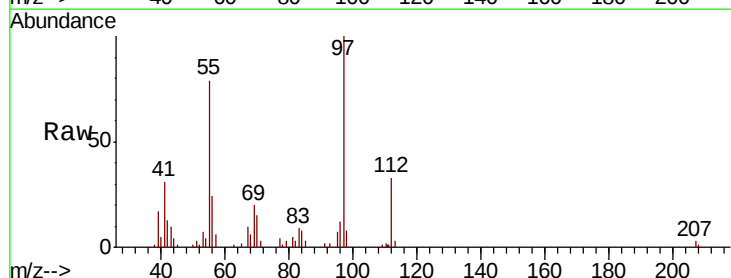
Ion Ratio Lower Upper

97 100

83 9.0 69.7 104.5#

85 2.6 44.5 66.7#

99 0.0 50.7 76.1#



Abundance Ion 96.90 (96.60 to 97.60): VN050782.D (-2775) (-)

Ion 82.90 (82.60 to 83.60): VN050782.D (-2775) (-)

Ion 84.90 (84.60 to 85.60): VN050782.D (-2775) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-2775) (-)

10.53

50000

40000

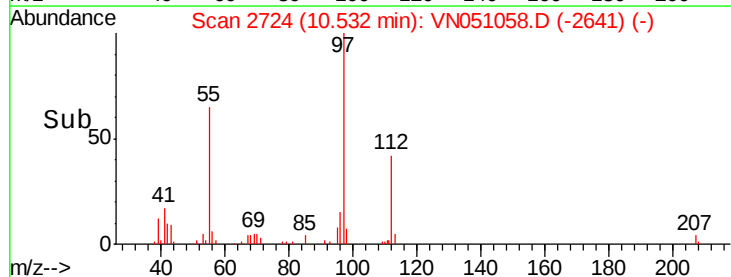
30000

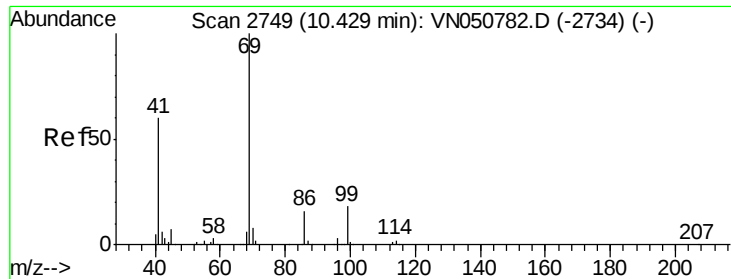
20000

10000

0

Time-->





#56

Ethyl methacrylate

Concen: 4.60 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

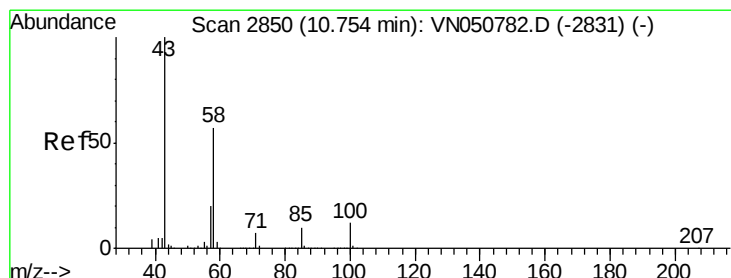
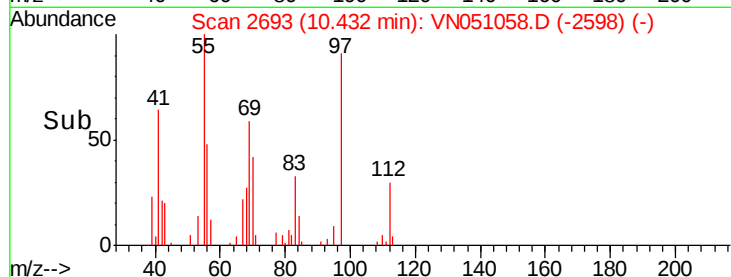
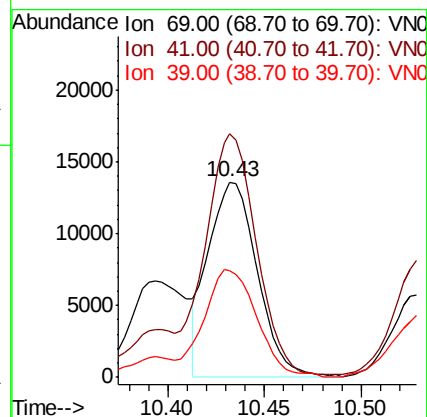
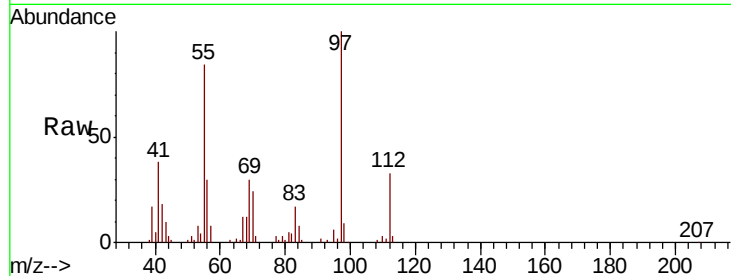
Tot Ion: 69 Resp: 24142

Ion Ratio Lower Upper

69 100

41 127.7 48.3 72.5#

39 59.6 24.0 36.0#



#59

2-Hexanone

Concen: 38.77 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN051058.D

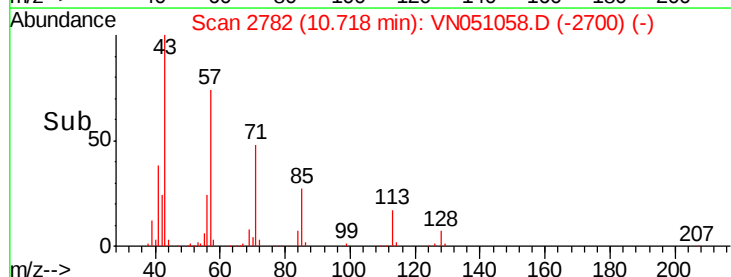
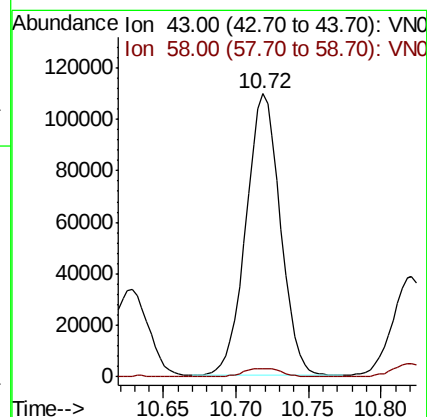
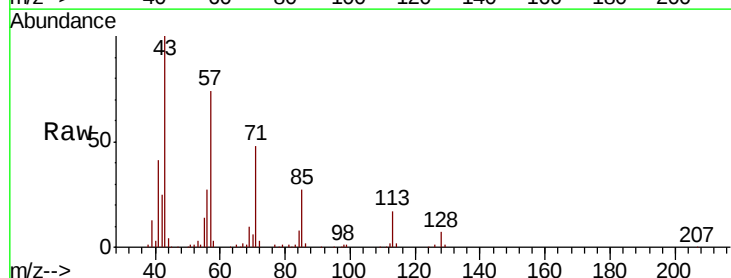
Acq: 7 Sep 2018 17:05

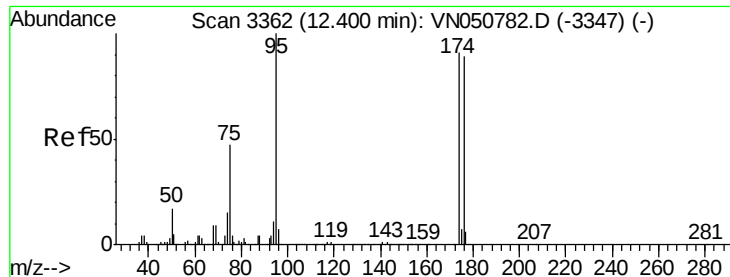
Tgt Ion: 43 Resp: 180079

Ion Ratio Lower Upper

43 100

58 3.6 28.3 85.0#

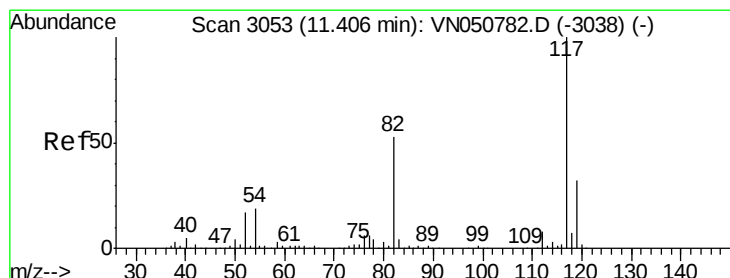
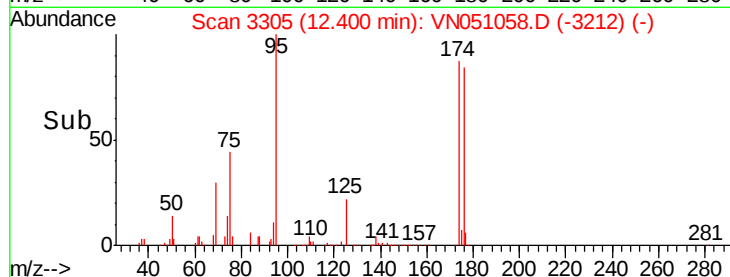
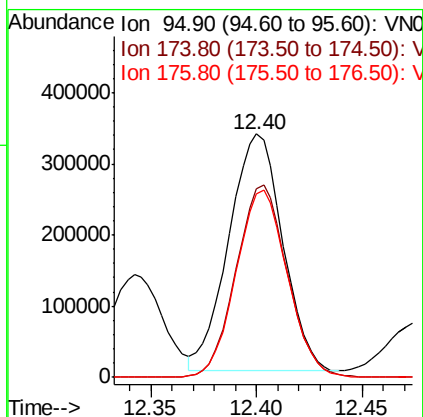
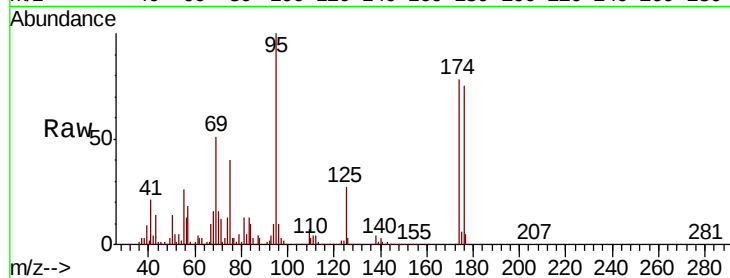




#62
4-Bromofluorobenzene
Concen: 59.65 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

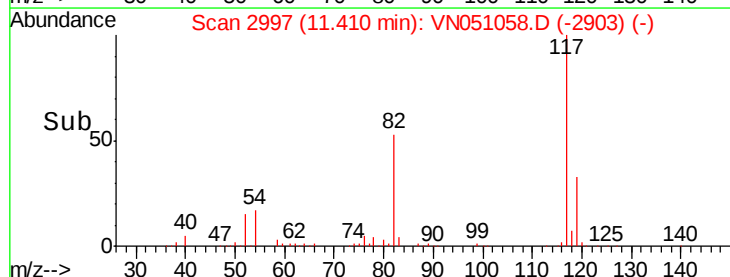
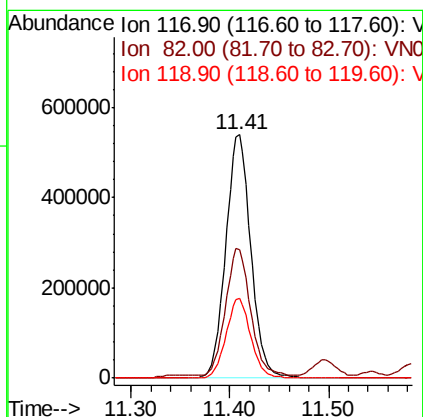
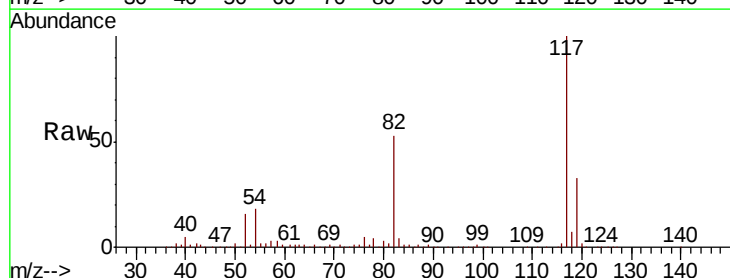
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)DL

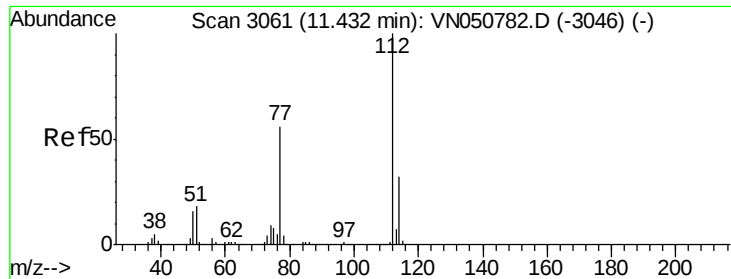
Tot Ion: 95 Resp: 591486
Ion Ratio Lower Upper
95 100
174 77.2 0.0 183.0
176 75.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion: 117 Resp: 960079
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.5 25.8 38.6

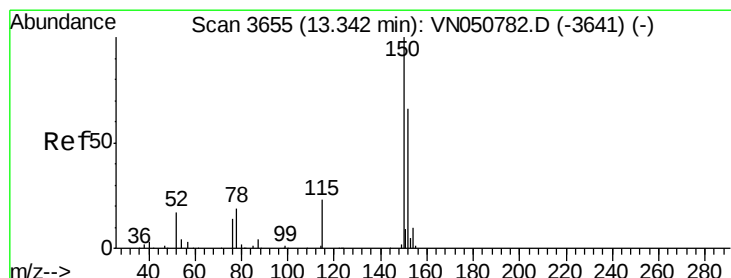
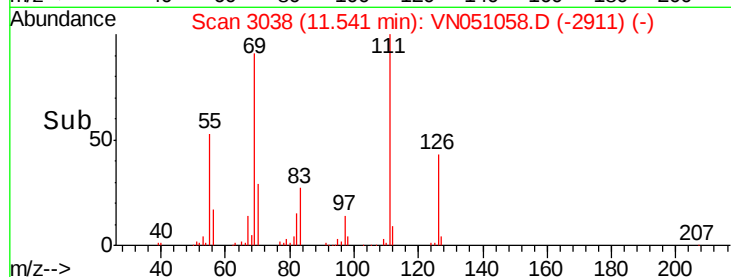
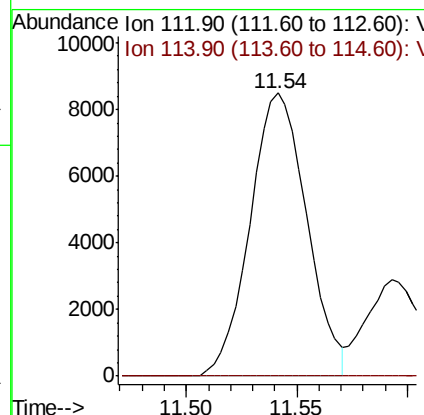
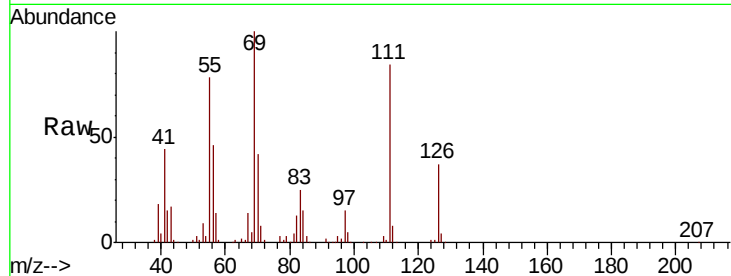




#65
Chlorobenzene
Concen: 0.60 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

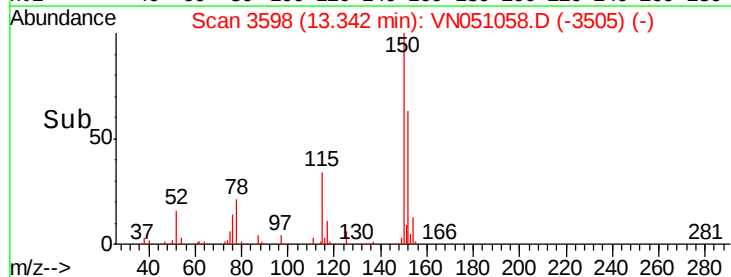
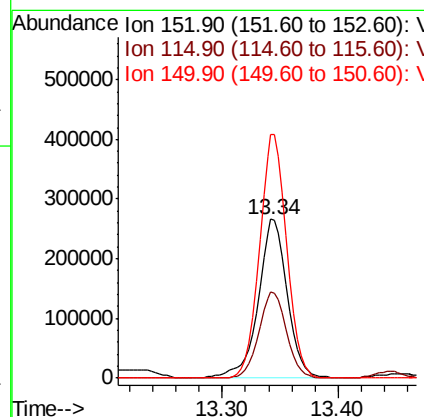
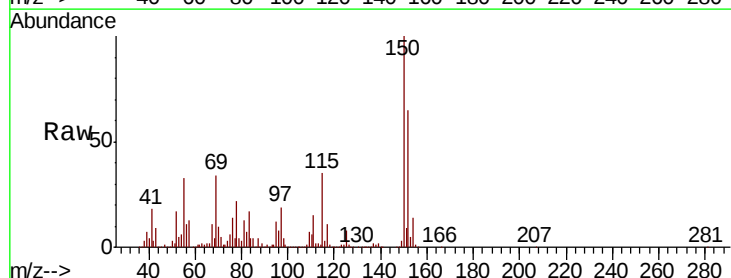
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(15-20)DL

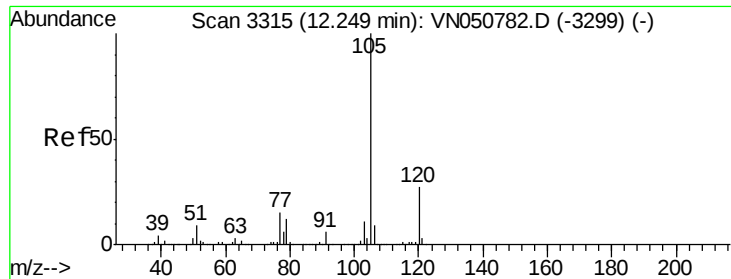
Tot Ion:112 Resp: 15177
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051058.D
Acq: 7 Sep 2018 17:05

Tgt Ion:152 Resp: 460040
Ion Ratio Lower Upper
152 100
115 51.9 27.8 83.4
150 144.7 0.0 351.4





#73

Isopropylbenzene

Concen: 18.15 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

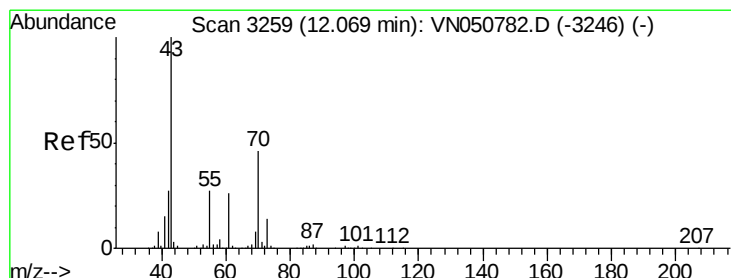
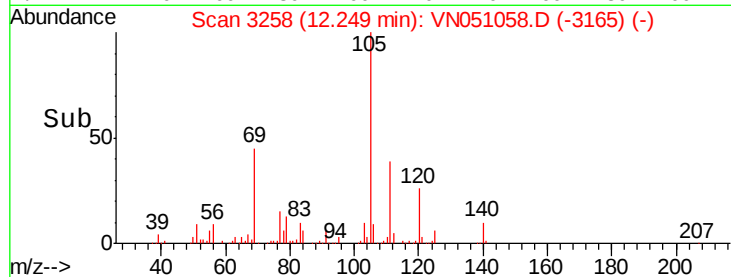
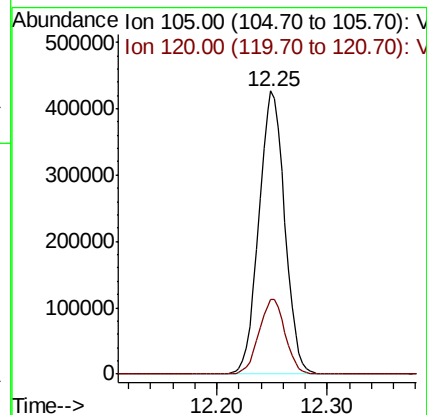
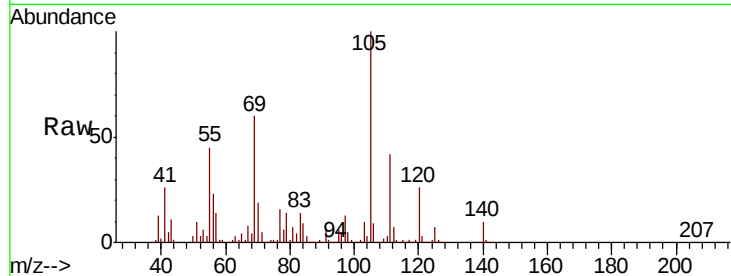
EP1-MW-C(15-20)DL

Tot Ion:105 Resp: 691445

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 133.10 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Tgt Ion: 43 Resp: 1273935

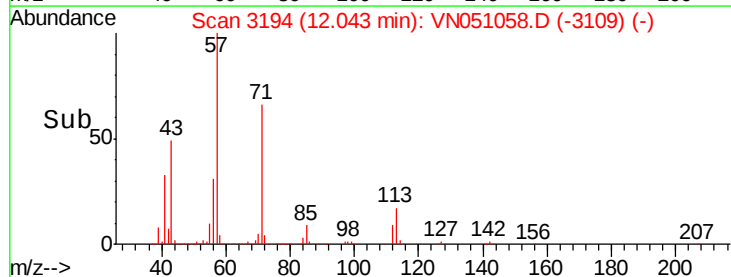
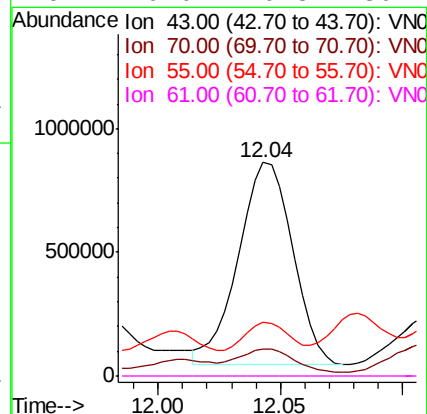
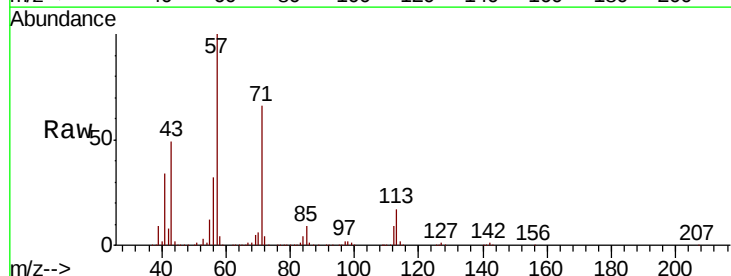
Ion Ratio Lower Upper

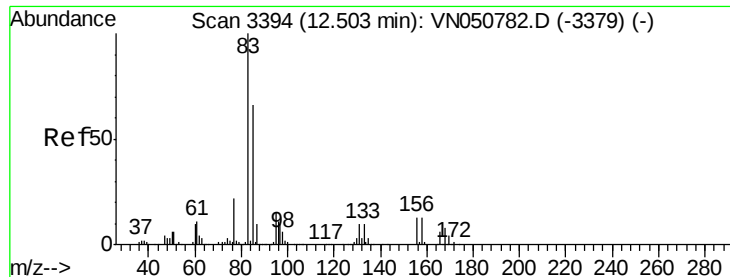
43 100

70 11.5 36.2 54.2#

55 22.7 21.8 32.8

61 0.0 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.86 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

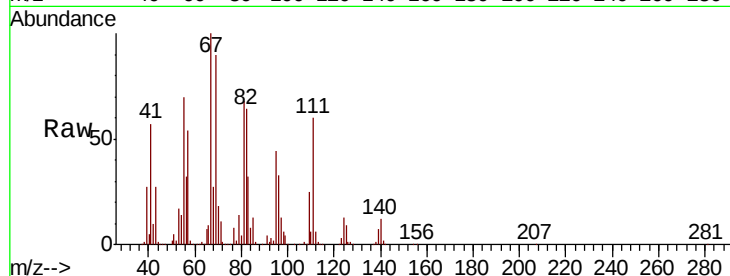
Tot Ion: 83 Resp: 119041

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

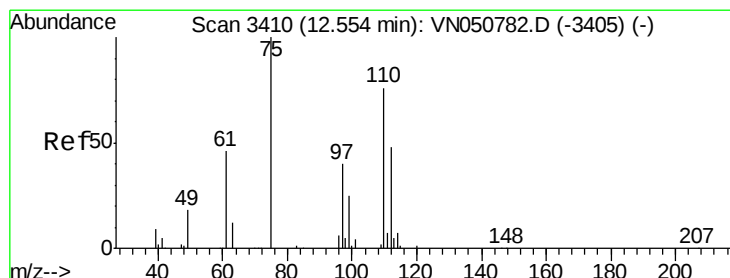
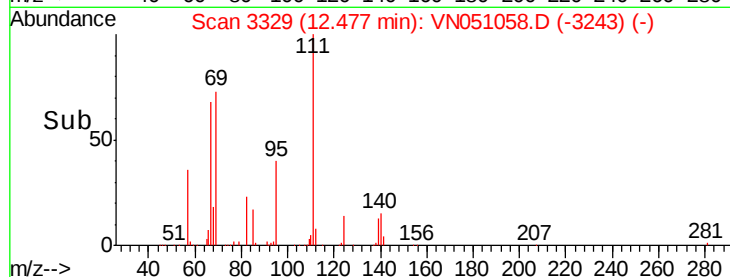
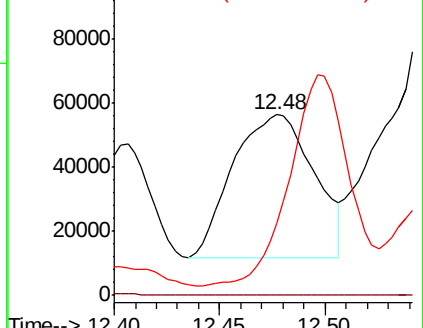
85 107.2 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN051058.D (-3329) (-)

Ion 130.80 (130.50 to 131.50): VN051058.D (-3329) (-)

Ion 84.90 (84.60 to 85.60): VN051058.D (-3329) (-)



#76

1,2,3-Trichloropropane

Concen: 1.54 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051058.D

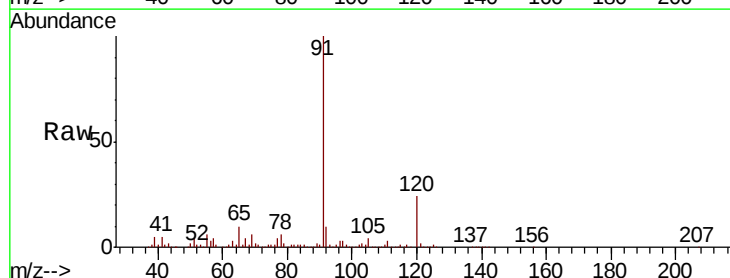
Acq: 7 Sep 2018 17:05

Tgt Ion: 75 Resp: 12370

Ion Ratio Lower Upper

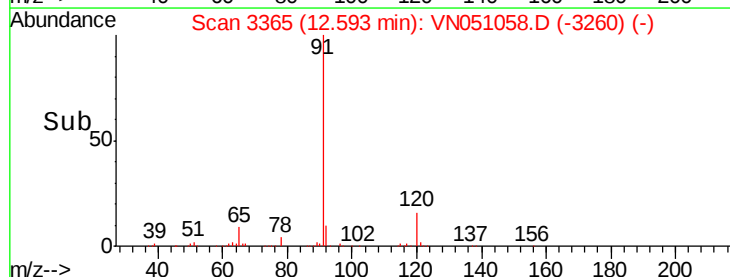
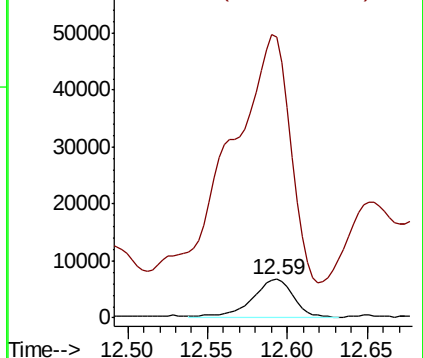
75 100

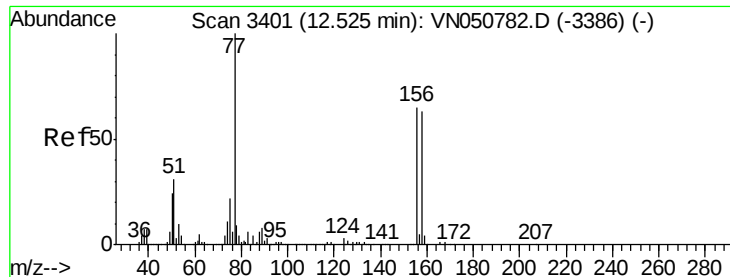
77 908.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051058.D (-3365) (-)

Ion 77.00 (76.70 to 77.70): VN051058.D (-3365) (-)





#77

Bromobenzene

Concen: 0.31 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

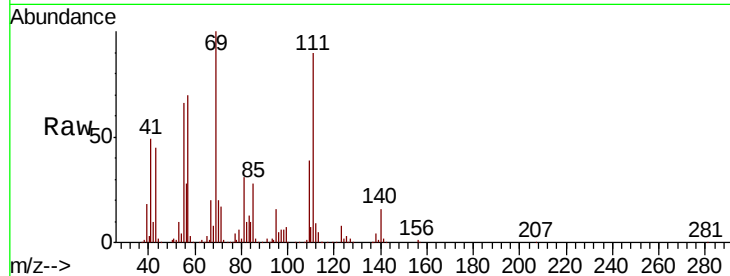
Tot Ion:156 Resp: 3180

Ion Ratio Lower Upper

156 100

77 0.0 89.9 269.7#

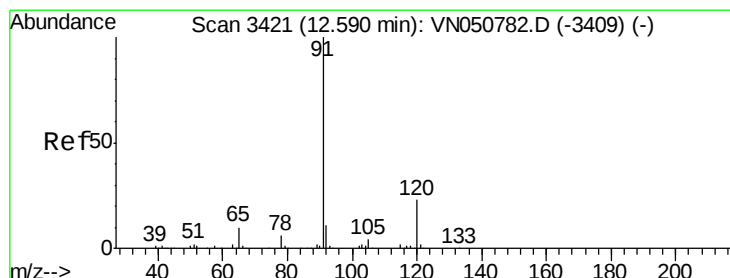
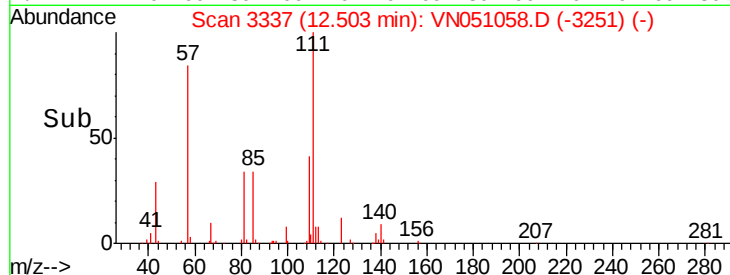
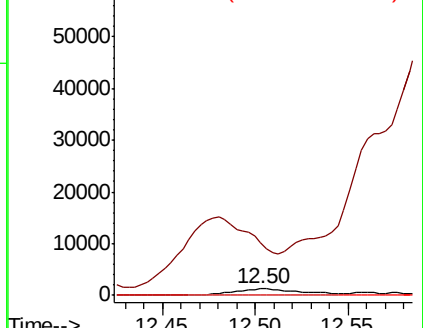
158 0.0 49.3 147.9#



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: 47.62 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051058.D

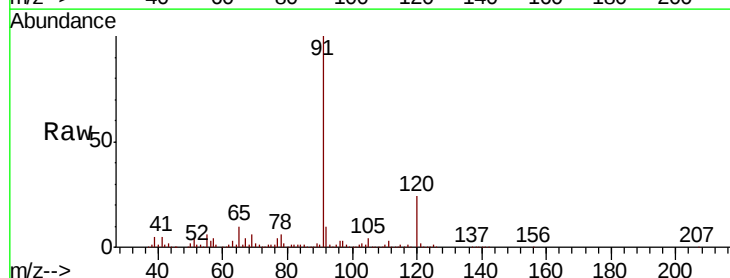
Acq: 7 Sep 2018 17:05

Tgt Ion: 91 Resp: 2026386

Ion Ratio Lower Upper

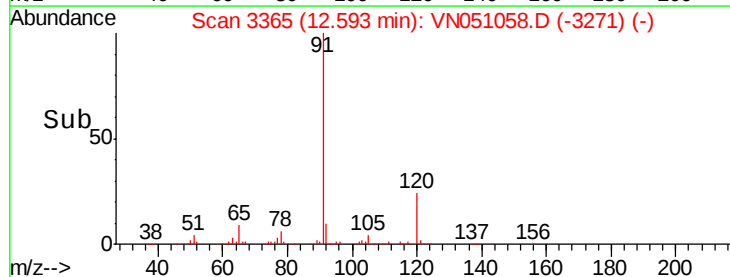
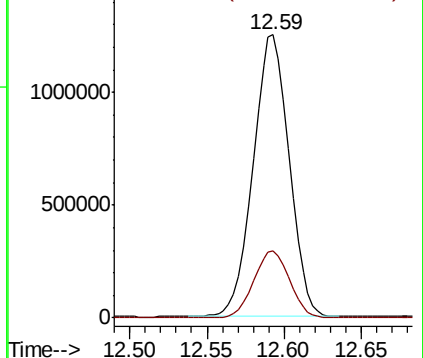
91 100

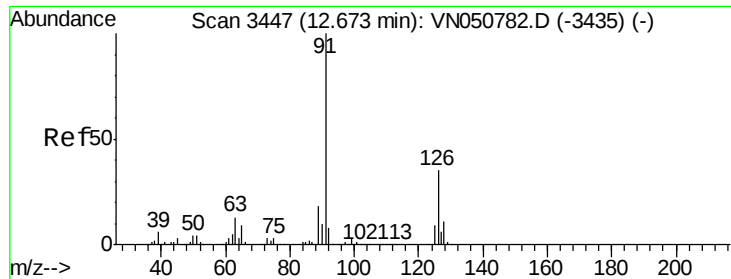
120 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

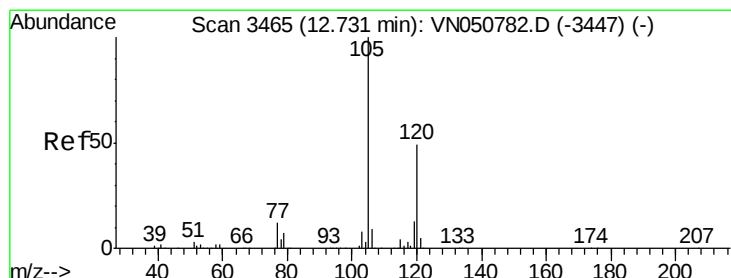
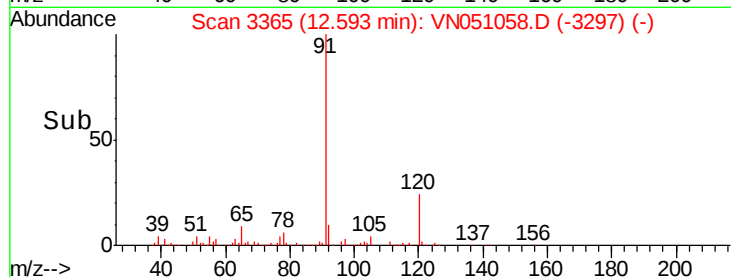
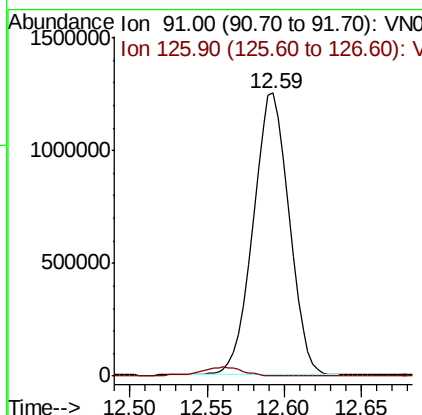
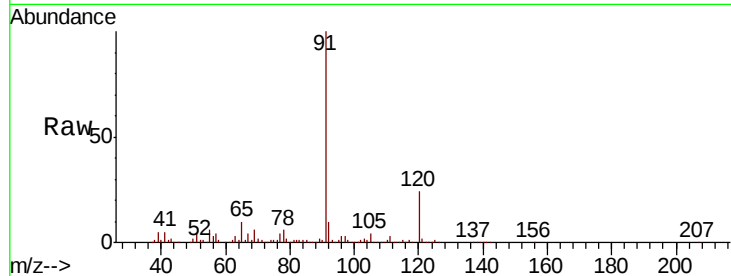




#79
 2-Chlorotoluene
 Concen: 76.45 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

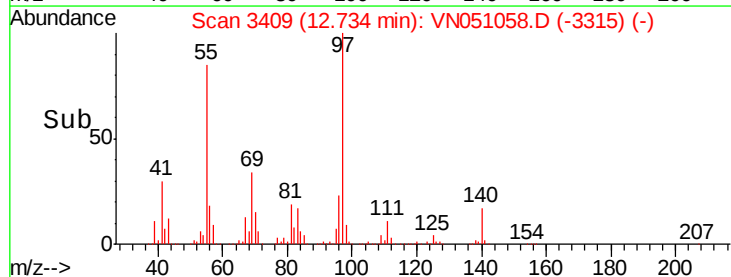
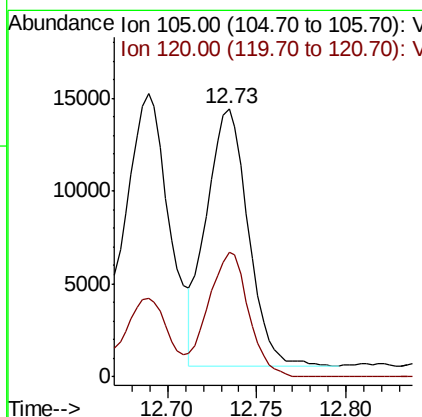
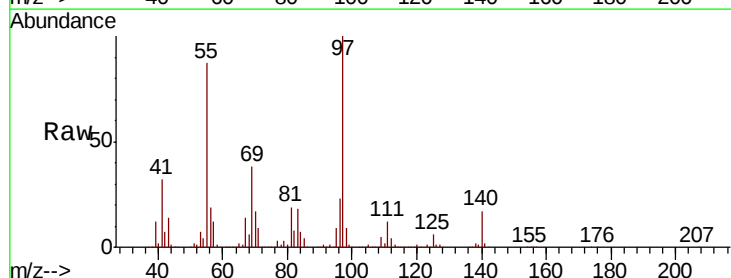
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)DL

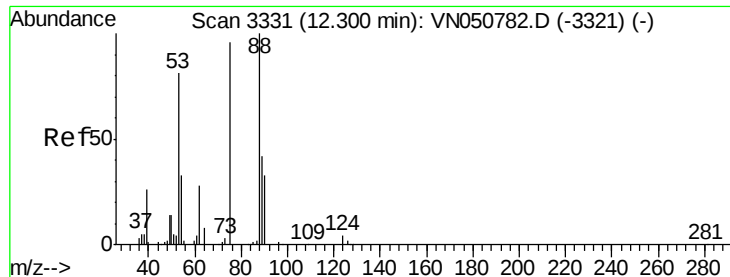
Tot Ion: 91 Resp: 2026386
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.73 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

Tgt Ion:105 Resp: 22561
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.6 74.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 3.13 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

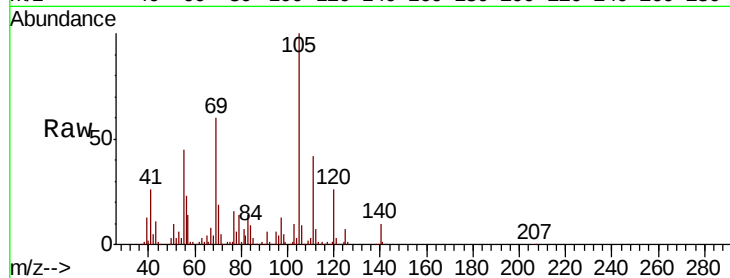
Tot Ion: 75 Resp: 7450

Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

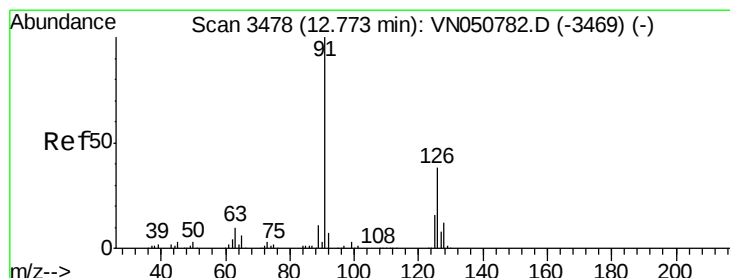
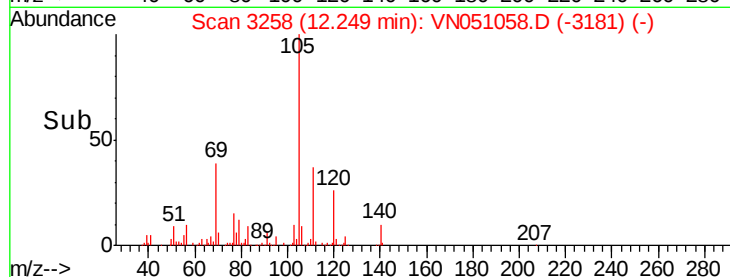
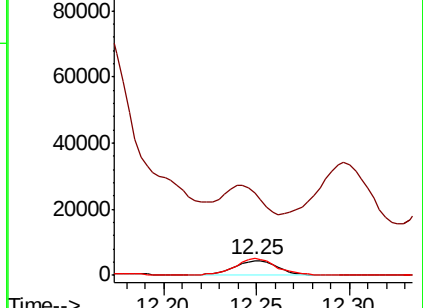
89 100.9 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 77.47 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN051058.D

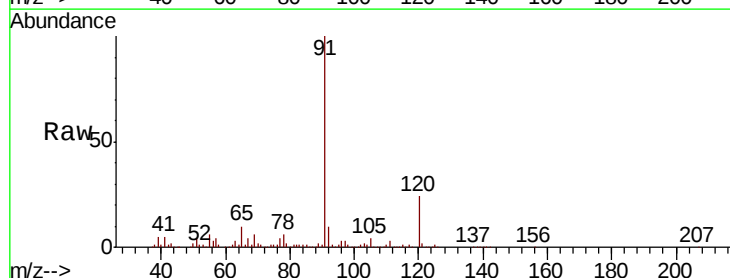
Acq: 7 Sep 2018 17:05

Tgt Ion: 91 Resp: 2027282

Ion Ratio Lower Upper

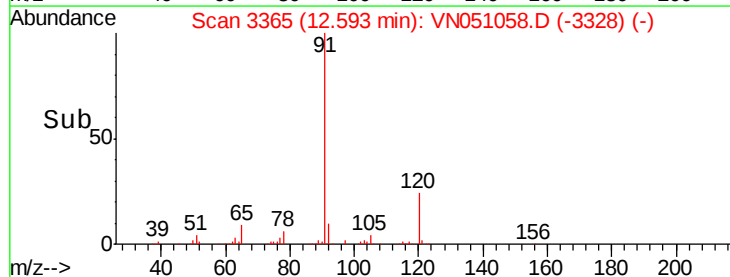
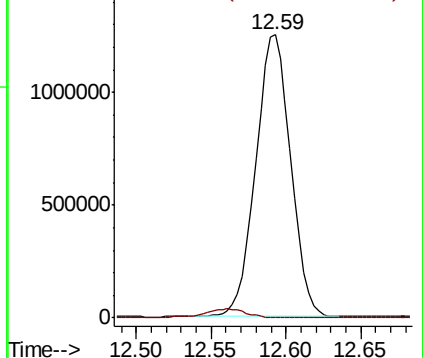
91 100

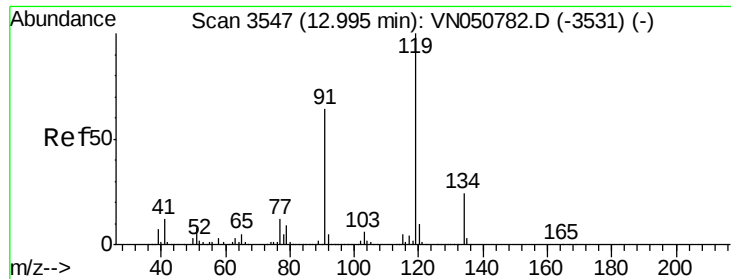
126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

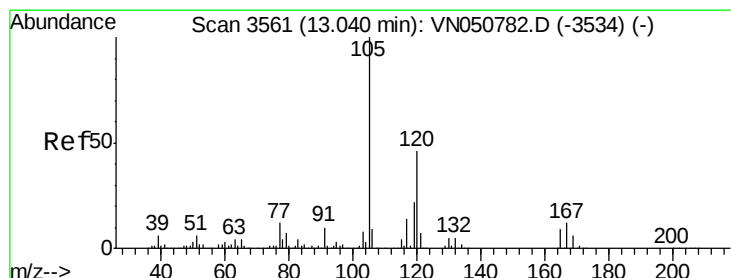
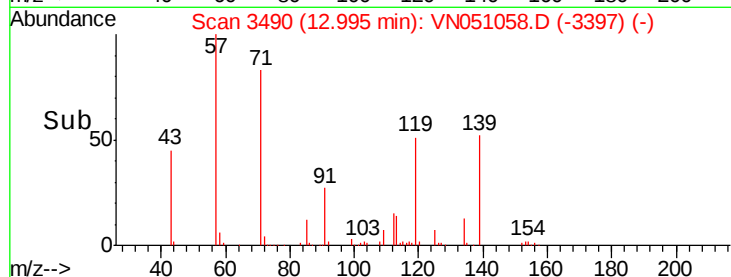
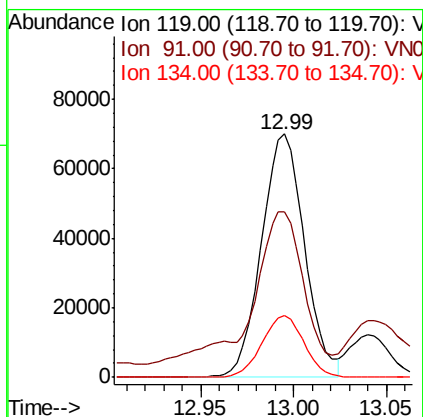
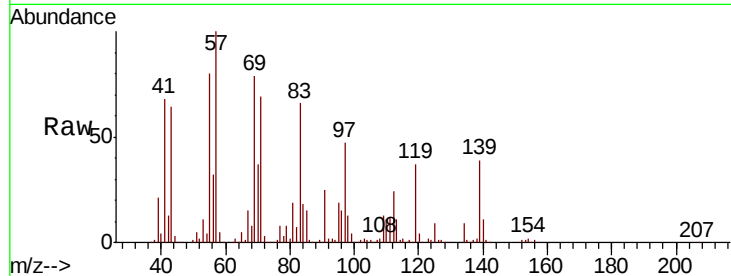




#83
 tert-Butylbenzene
 Concen: 4.27 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

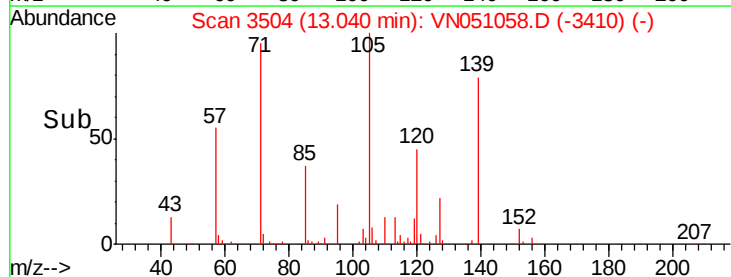
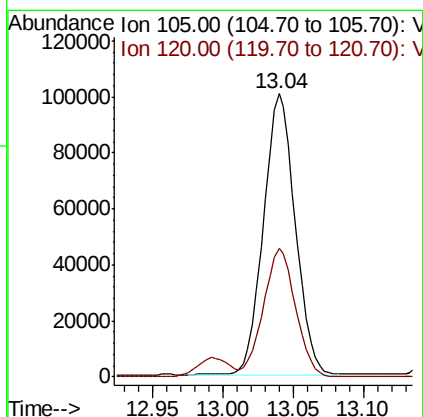
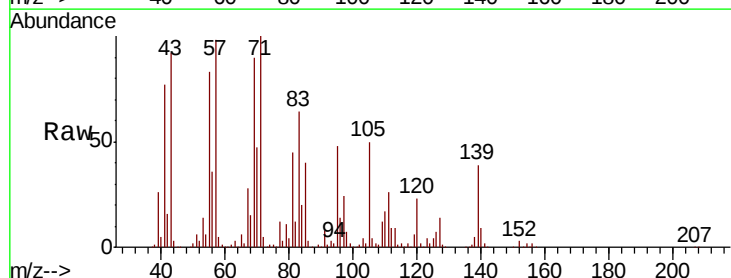
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)DL

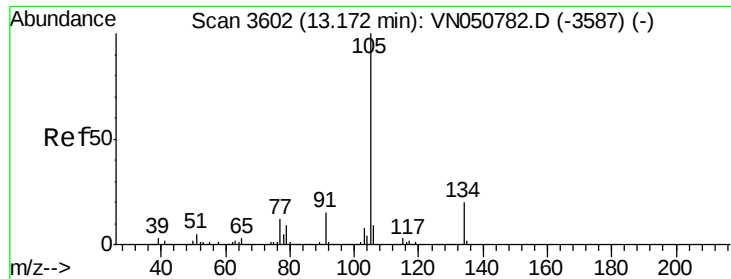
Tot Ion:119 Resp: 113633
 Ion Ratio Lower Upper
 119 100
 91 72.8 31.6 94.7
 134 24.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.10 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051058.D
 Acq: 7 Sep 2018 17:05

Tgt Ion:105 Resp: 157739
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 23.58 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

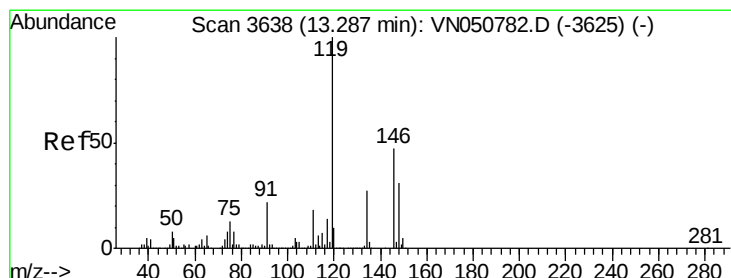
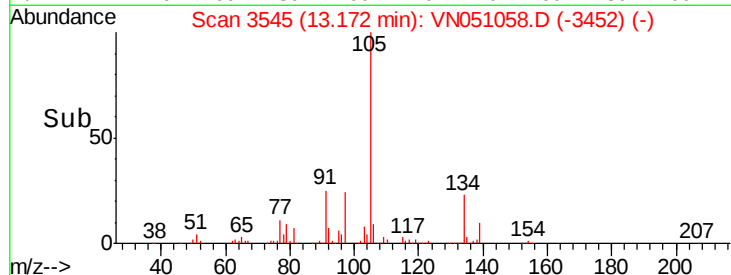
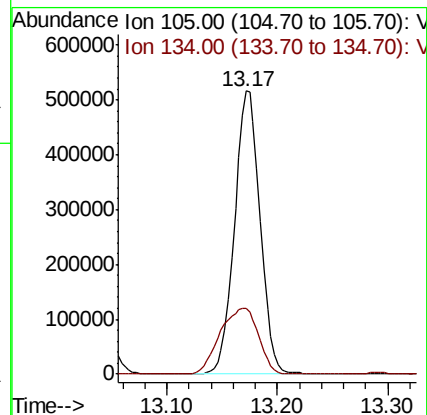
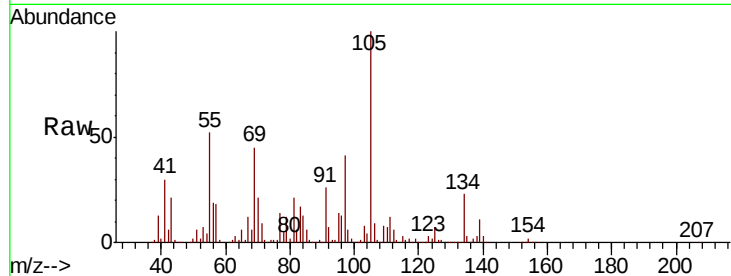
EP1-MW-C(15-20)DL

Tot Ion:105 Resp: 822610

Ion Ratio Lower Upper

105 100

134 35.2 10.3 30.8#



#86

p-Isopropyltoluene

Concen: 7.33 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

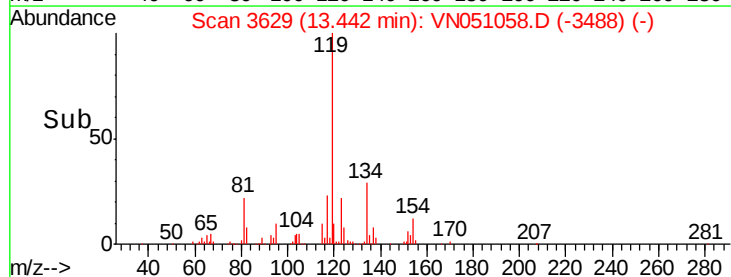
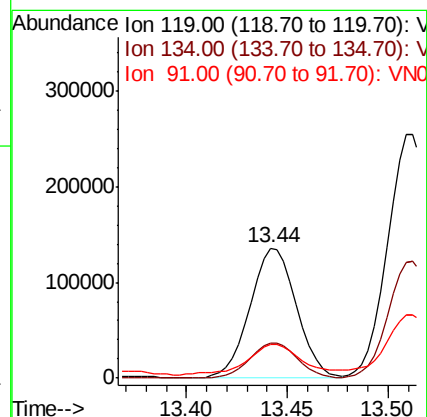
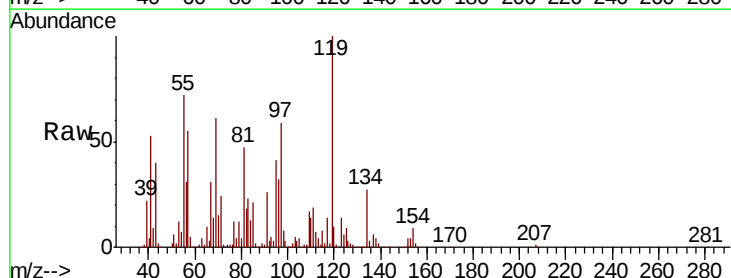
Tgt Ion:119 Resp: 217953

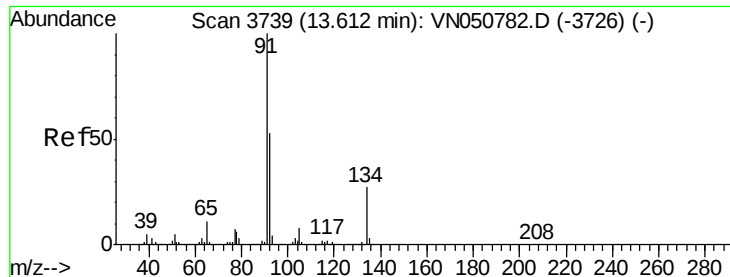
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.0

91 26.2 11.2 33.5





#89

n-Butylbenzene

Concen: 20.64 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

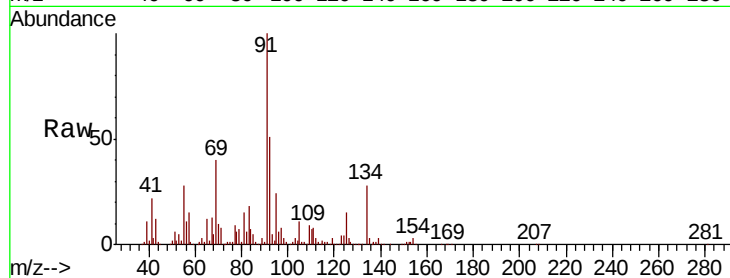
Tot Ion: 91 Resp: 490544

Ion Ratio Lower Upper

91 100

92 50.0 26.1 78.2

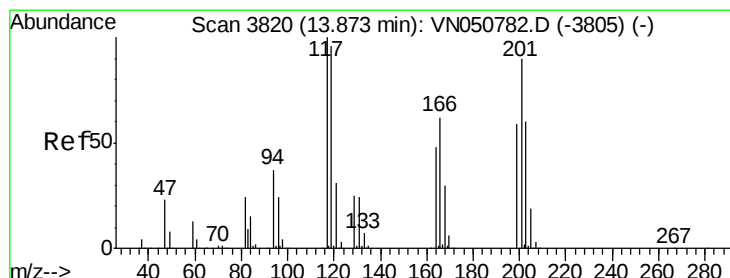
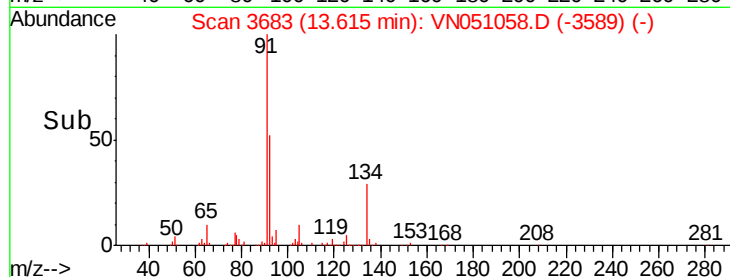
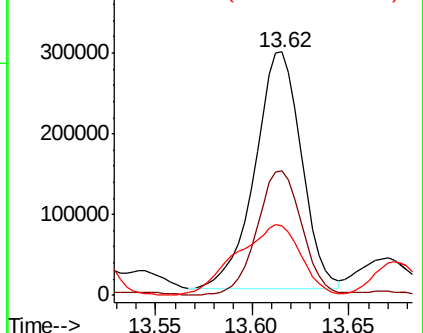
134 41.1 13.2 39.6#



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3726) (-)

Ion 92.00 (91.70 to 92.70): VN050782.D (-3726) (-)

Ion 134.00 (133.70 to 134.70): VN050782.D (-3726) (-)



#90

Hexachloroethane

Concen: 20.73 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051058.D

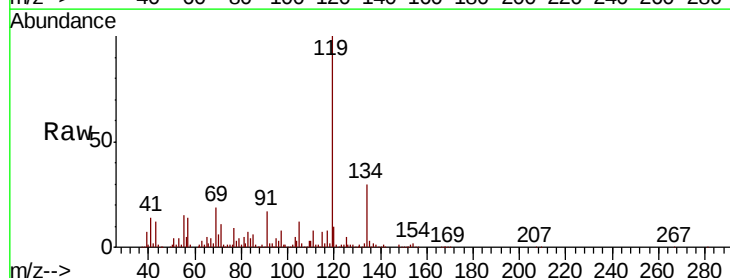
Acq: 7 Sep 2018 17:05

Tgt Ion: 117 Resp: 116792

Ion Ratio Lower Upper

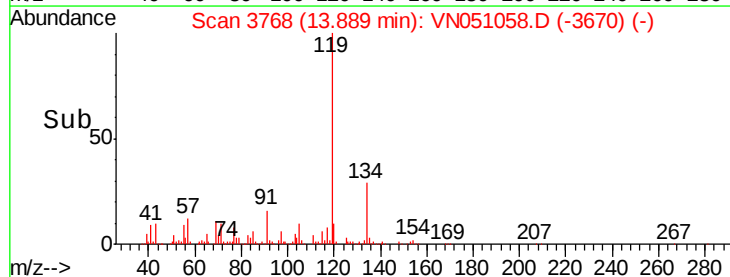
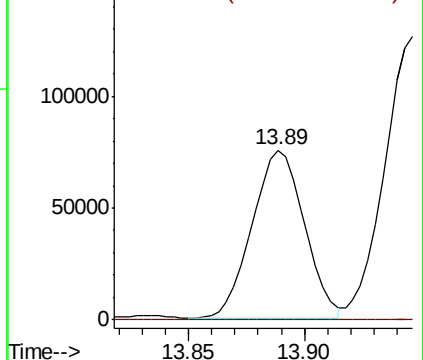
117 100

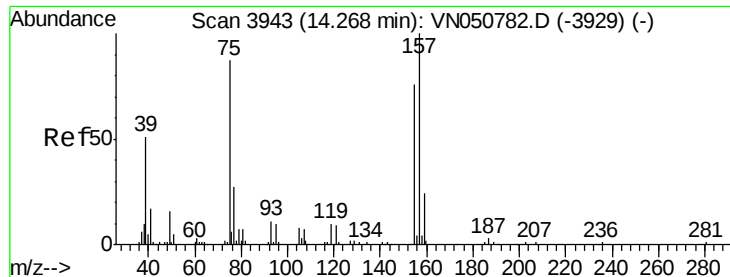
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN050782.D (-3805) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.34 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

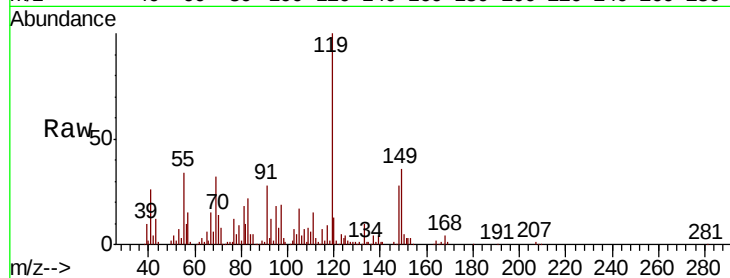
Tot Ion: 75 Resp: 1833

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

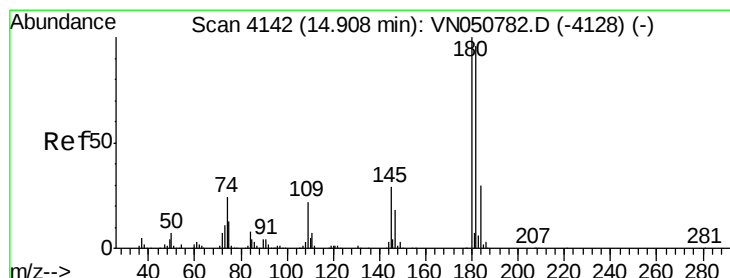
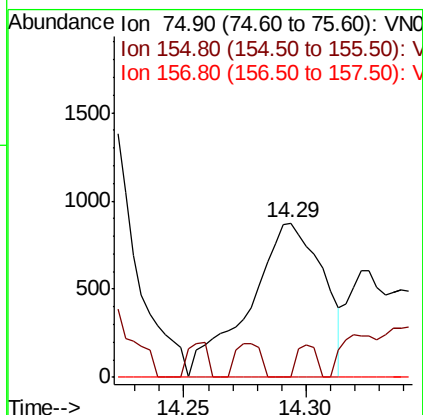
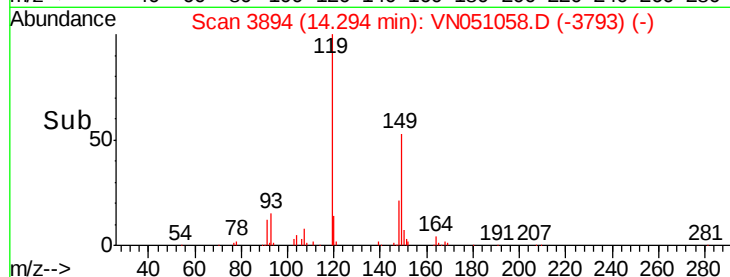
157 0.0 60.7 182.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 4.14 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

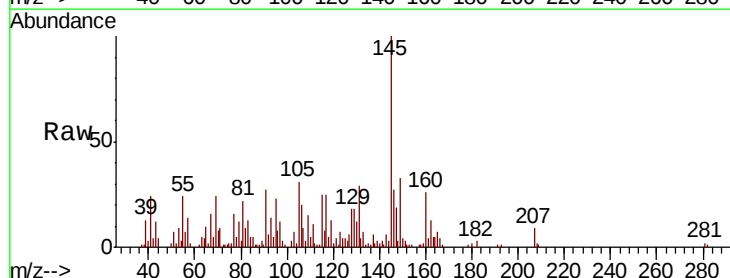
Tgt Ion:180 Resp: 569

Ion Ratio Lower Upper

180 100

182 252.5 48.2 144.6#

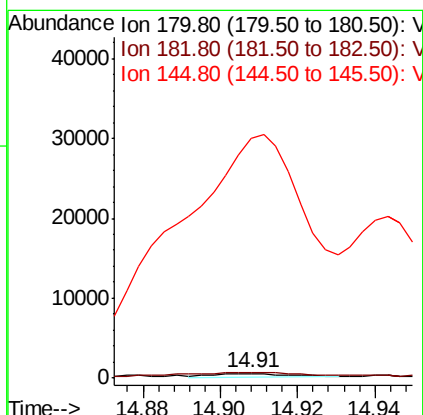
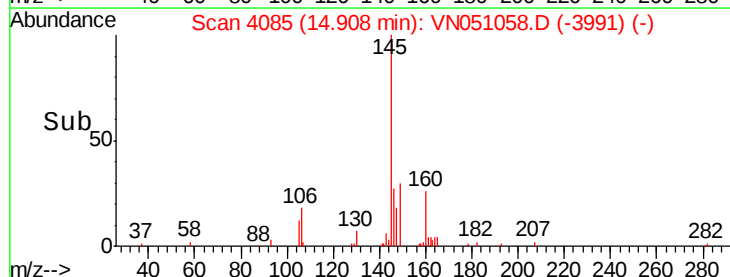
145 13546.7 14.1 42.2#

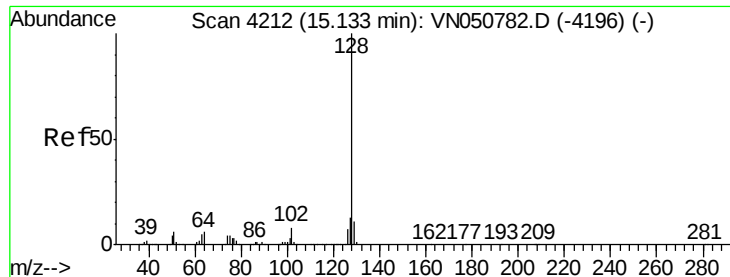


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.45 ug/l

RT: 15.09 min Scan# 4143

Delta R.T. -0.04 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(15-20)DL

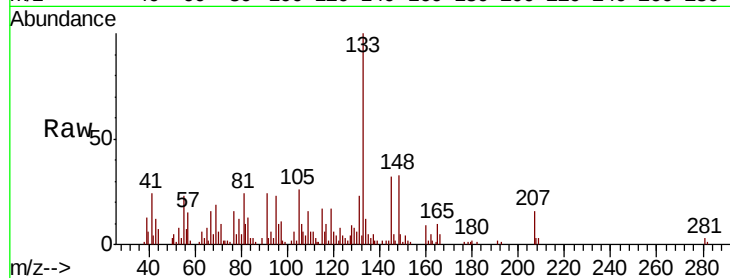
Tot Ion:128 Resp: 935

Ion Ratio Lower Upper

128 100

127 200.1 10.5 15.7#

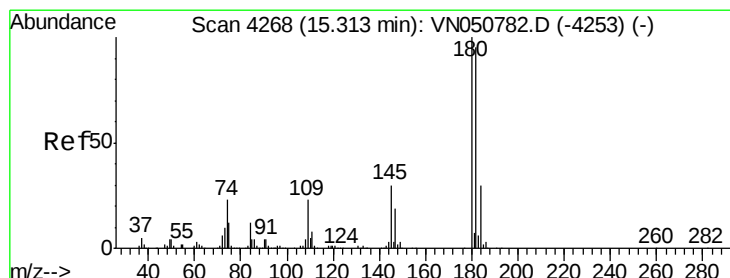
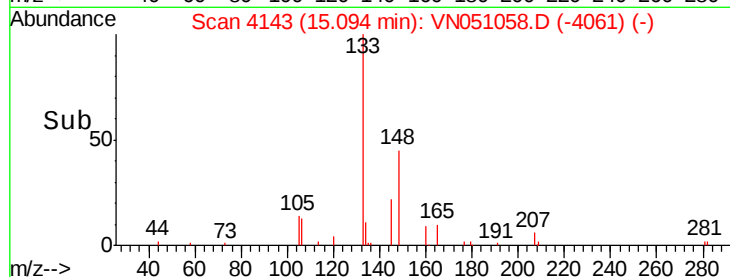
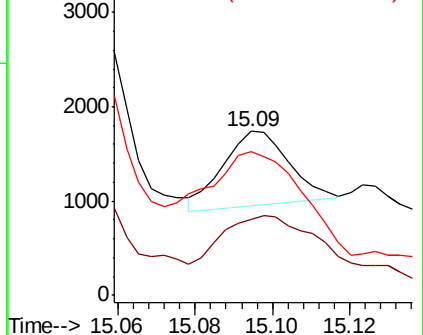
129 153.8 8.7 13.1#



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: 3.34 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN051058.D

Acq: 7 Sep 2018 17:05

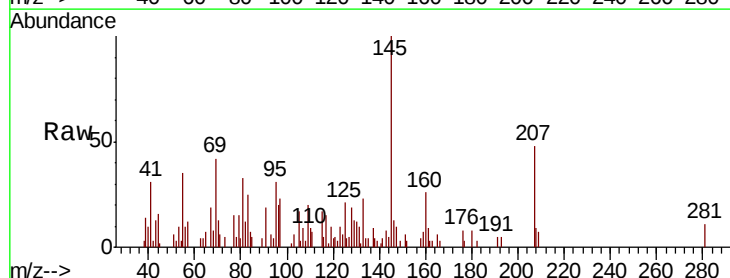
Tgt Ion:180 Resp: 351

Ion Ratio Lower Upper

180 100

182 61.8 48.0 144.2

145 0.0 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

