

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051081.D
 Acq On : 10 Sep 2018 16:34
 Operator : MD\SY
 Sample : J4693-08DL 100X
 Misc : 5.90µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

Quant Time: Sep 11 03:20:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	670553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1002197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	378123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	387068	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
35) Dibromofluoromethane	7.59	113	381806	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1417426	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	461690	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2652	Below Cal		96
5) Bromomethane	2.57	94	3227	Below Cal		96
10) Methyl Iodide	3.95	142	1205	5.78 ug/l	#	79
13) Acrolein	3.61	56	394	24.79 ug/l	#	33
15) Acrylonitrile	5.01	53	521	0.21 ug/l	#	18
16) Acetone	3.82	43	1307	Below Cal		98
17) Carbon Disulfide	4.05	76	6784	0.43 ug/l	#	95
18) Methyl Acetate	4.33	43	2793	0.47 ug/l	#	57
31) Cyclohexane	7.66	56	11088	0.68 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	42958	3.90 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	55793	5.15 ug/l	#	17
39) Methylcyclohexane	9.08	83	3860	0.32 ug/l		96
43) Isopropyl Acetate	8.26	43	4814	0.43 ug/l	#	50
55) 1,1,2-Trichloroethane	10.53	97	4691	0.64 ug/l	#	19
56) Ethyl methacrylate	10.44	69	2451	2.69 ug/l	#	1
59) 2-Hexanone	10.72	43	17821	4.23 ug/l	#	25
68) m/p-Xylenes	11.63	106	26316	1.82 ug/l		94
73) Isopropylbenzene	12.25	105	97937	3.09 ug/l		98
74) N-amyl acetate	12.04	43	112210	14.06 ug/l	#	65
75) 1,1,2,2-Tetrachloroethane	12.47	83	9287	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	213047	35.92 ug/l	#	100
78) n-propylbenzene	12.59	91	247017	7.09 ug/l		100
79) 2-Chlorotoluene	12.69	91	35980	1.65 ug/l	#	45
80) 1,3,5-Trimethylbenzene	12.69	105	255286	9.96 ug/l		72
81) trans-1,4-Dichloro-2-buten	12.40	75	213047	107.01 ug/l	#	16
82) 4-Chlorotoluene	12.69	91	36147	1.67 ug/l	#	46
83) tert-Butylbenzene	12.99	119	20921	0.92 ug/l		92
84) 1,2,4-Trimethylbenzene	13.04	105	1388270	55.07 ug/l		100
85) sec-Butylbenzene	13.17	105	143846	4.96 ug/l		78
86) p-Isopropyltoluene	13.29	119	131742	5.35 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	3666	0.25 ug/l	#	1
88) 1,4-Dichlorobenzene	13.36	146	4910	0.38 ug/l	#	1
89) n-Butylbenzene	13.62	91	116226	6.07 ug/l	#	77
90) Hexachloroethane	13.89	117	19172	3.71 ug/l	#	2

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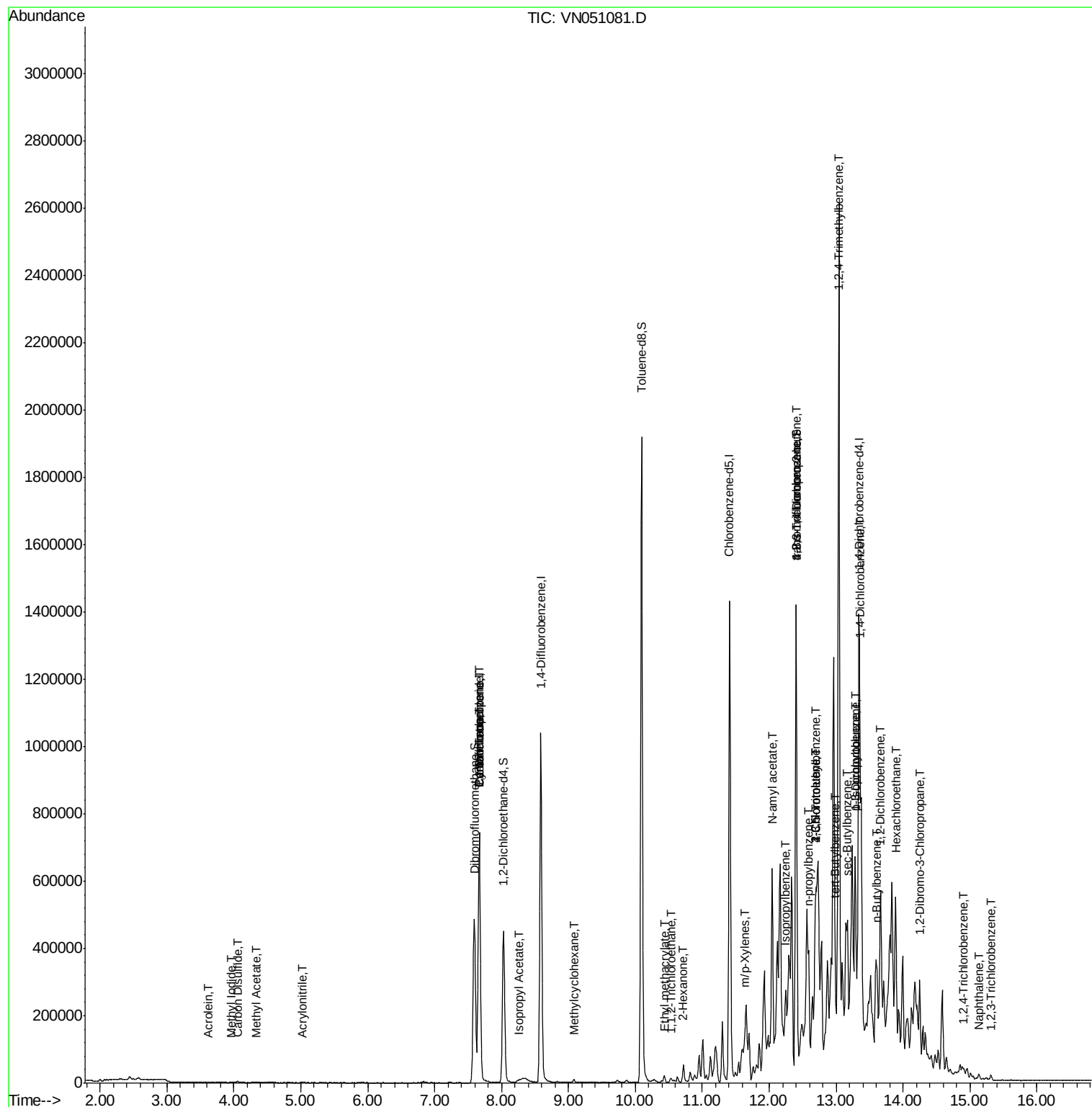
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.66	146	3423	0.24	ug/l #	72
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1258	1.80	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	5536	4.73	ug/l #	62
94) Hexachlorobutadiene	15.01	225	2967	Below Cal		95
95) Naphthalene	15.13	128	13634	6.20	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	6051	3.82	ug/l #	90

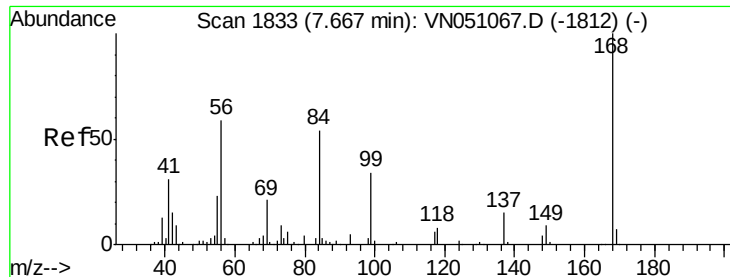
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

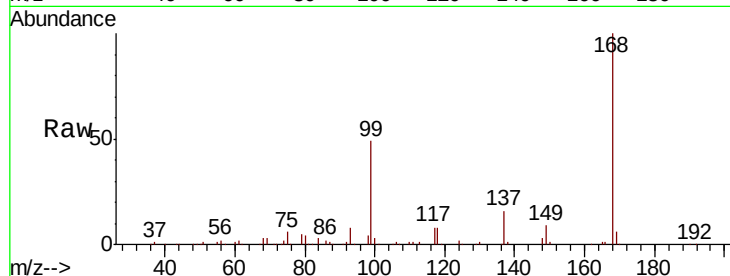
EP1-MW-C(7-10)DL

Tot Ion:168 Resp: 670553

Ion Ratio Lower Upper

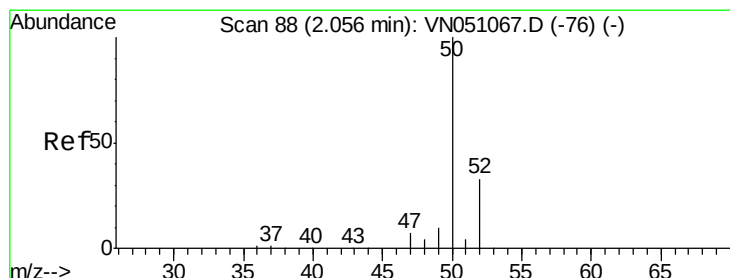
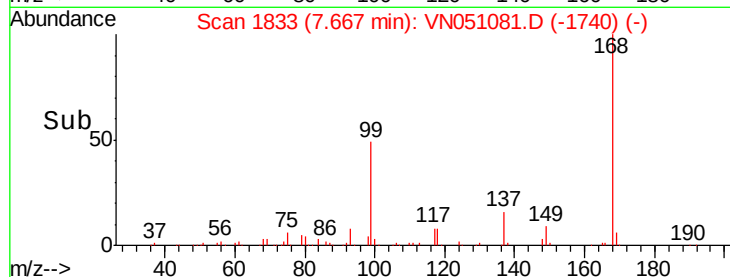
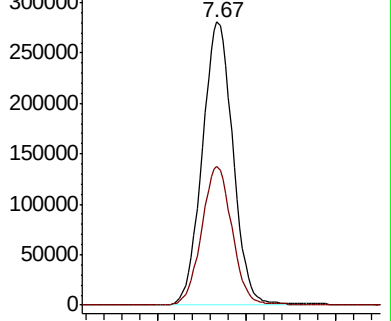
168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051081.D

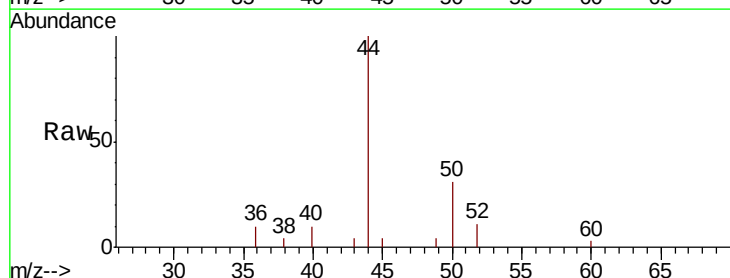
Acq: 10 Sep 2018 16:34

Tgt Ion: 50 Resp: 2652

Ion Ratio Lower Upper

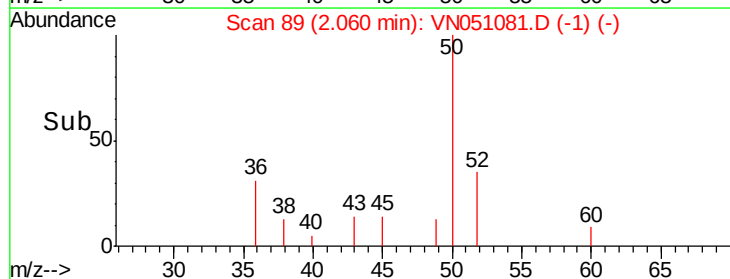
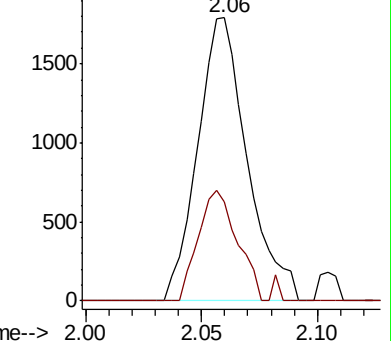
50 100

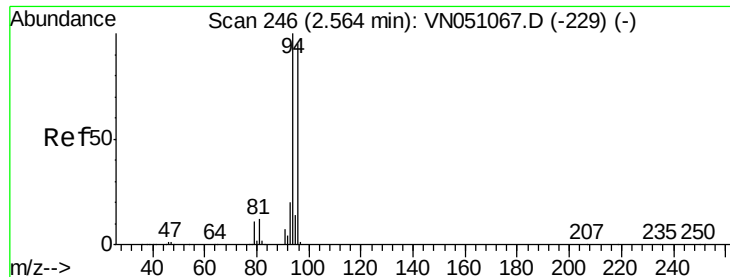
52 34.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

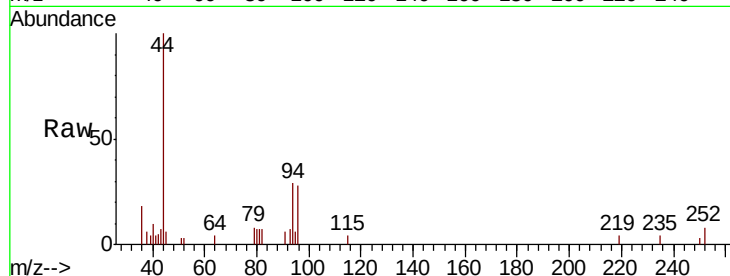
EP1-MW-C(7-10)DL

Tot Ion: 94 Resp: 3227

Ion Ratio Lower Upper

94 100

96 99.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

2.57

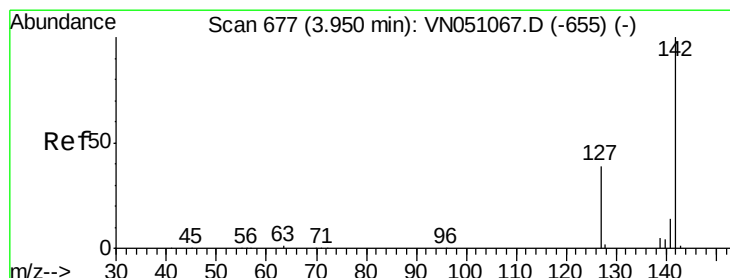
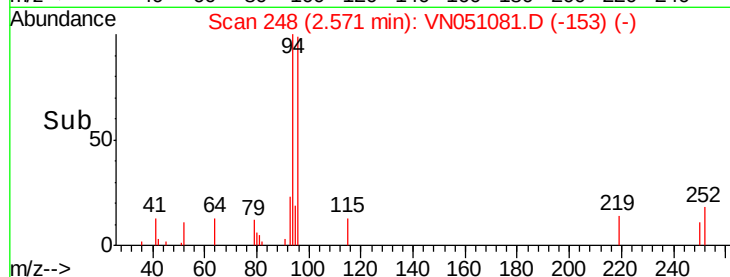
1500

1000

500

0

Time-->



#10

Methyl Iodide

Concen: 5.78 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

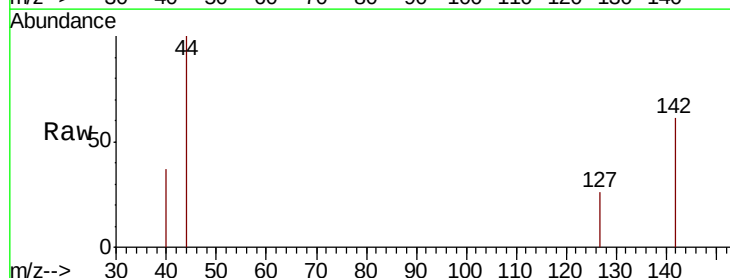
Tgt Ion: 142 Resp: 1205

Ion Ratio Lower Upper

142 100

127 28.7 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051067.D (-655) (-)

Ion 126.80 (126.50 to 127.50): VN051067.D (-655) (-)

Ion 140.80 (140.50 to 141.50): VN051067.D (-655) (-)

3.95

800

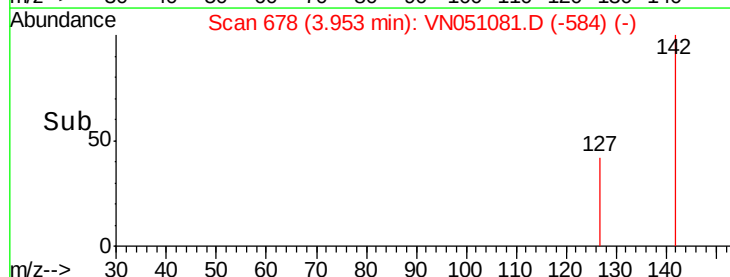
600

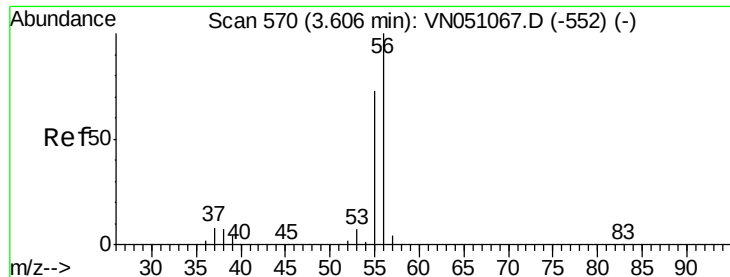
400

200

0

Time-->





#13

Acrolein

Concen: 24.79 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

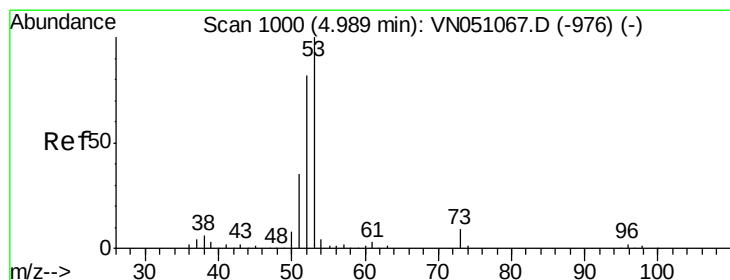
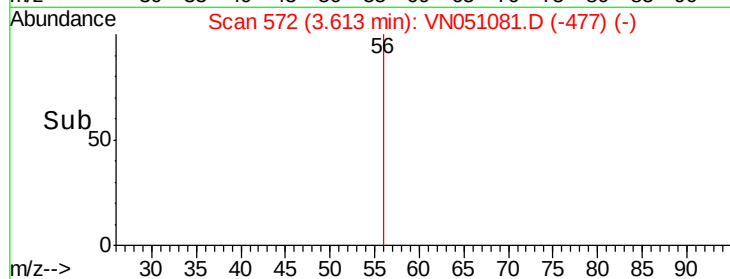
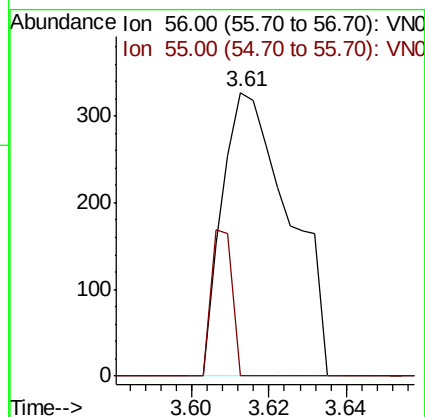
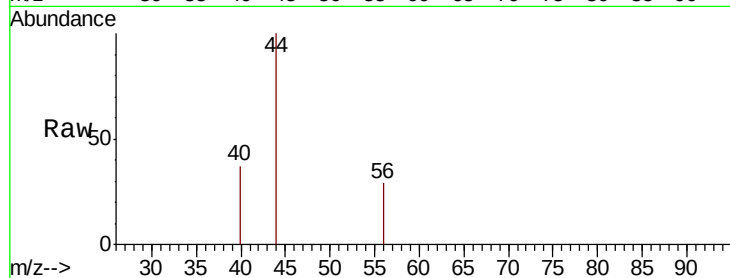
EP1-MW-C(7-10)DL

Tot Ion: 56 Resp: 394

Ion Ratio Lower Upper

56 100

55 16.2 58.0 87.0#



#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.03 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

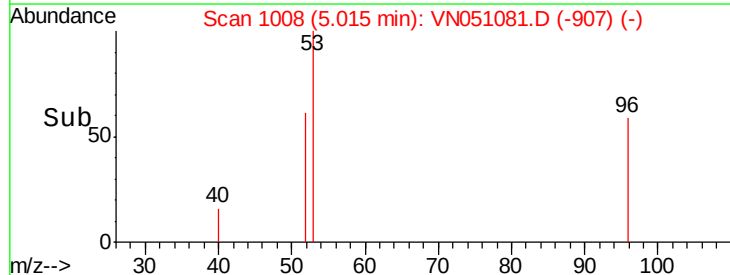
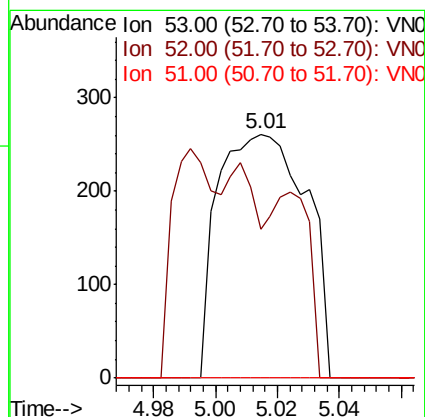
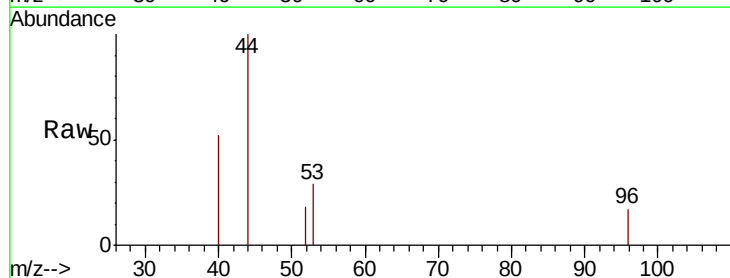
Tgt Ion: 53 Resp: 521

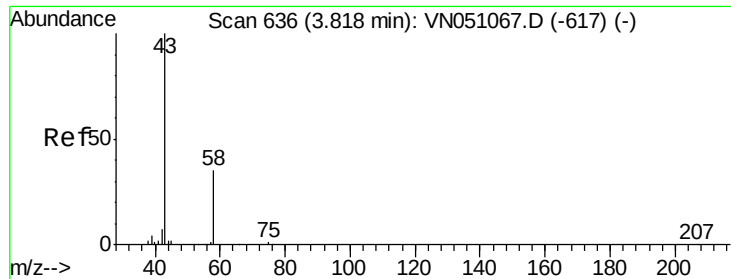
Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

51 0.0 28.2 42.2#

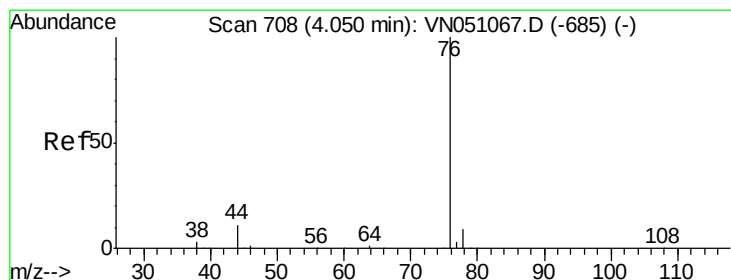
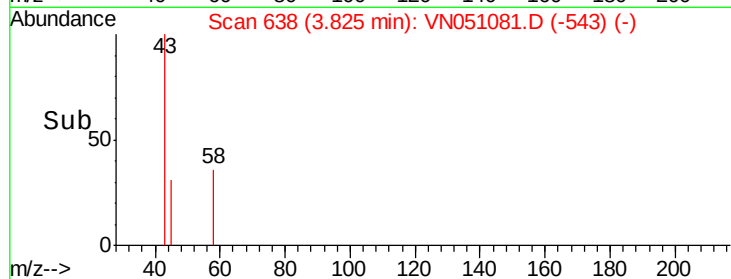
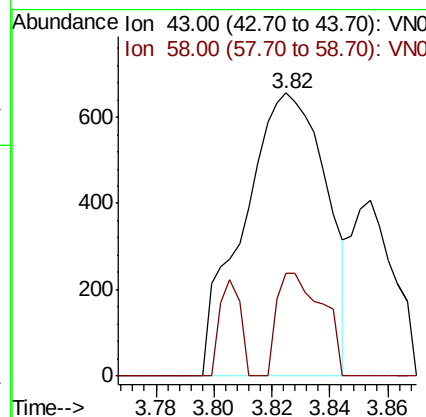
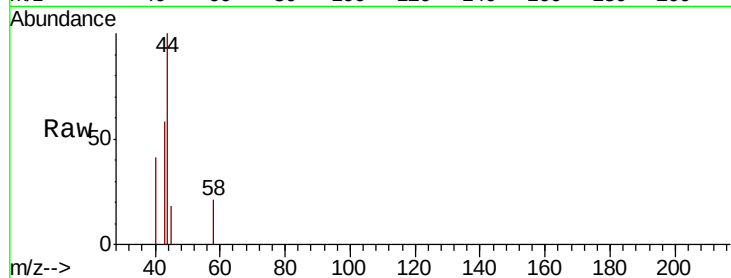




#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

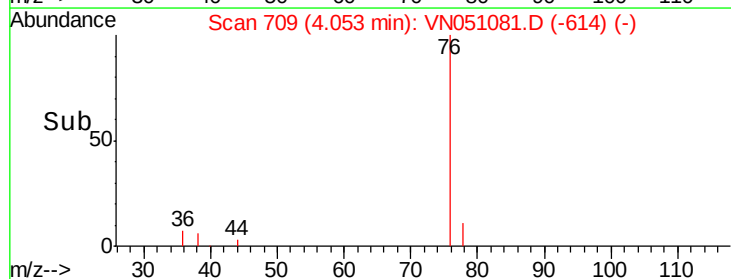
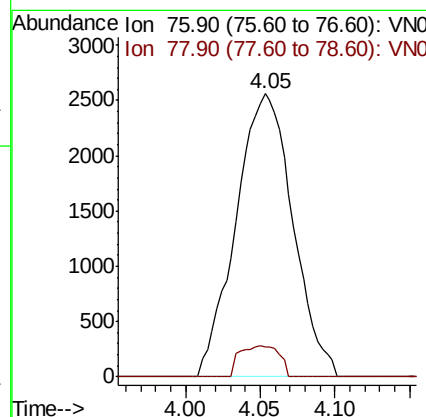
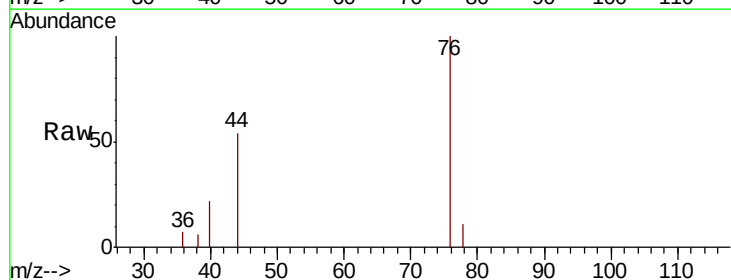
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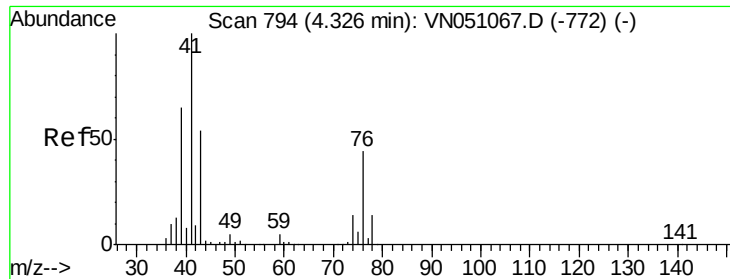
Tot Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 36.1 27.8 41.6



#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion: 76 Resp: 6784
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#

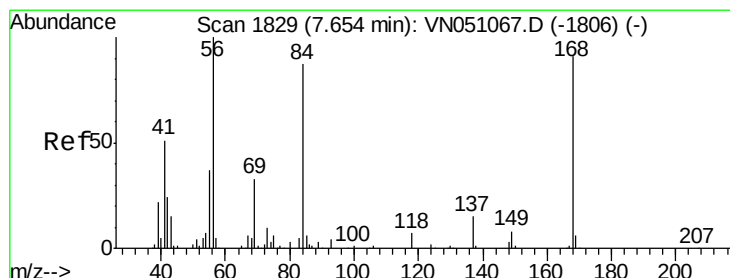
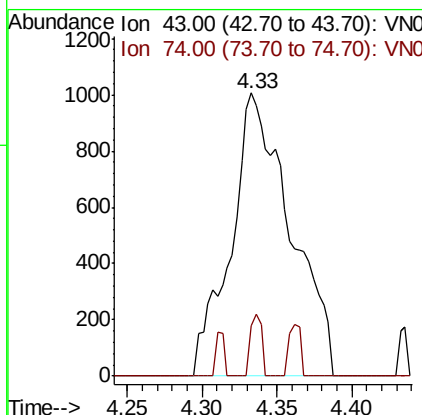
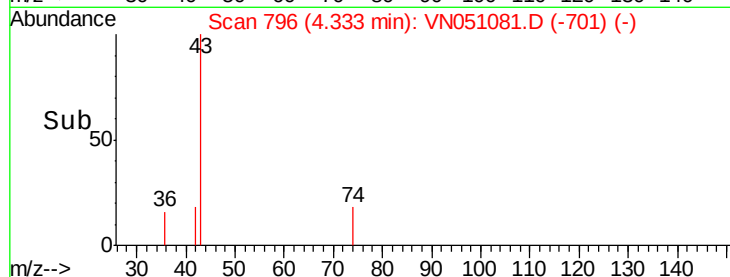
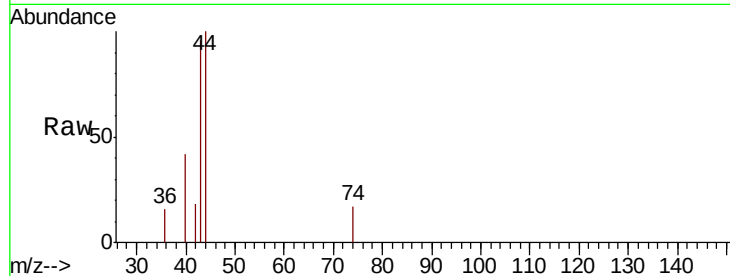




#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

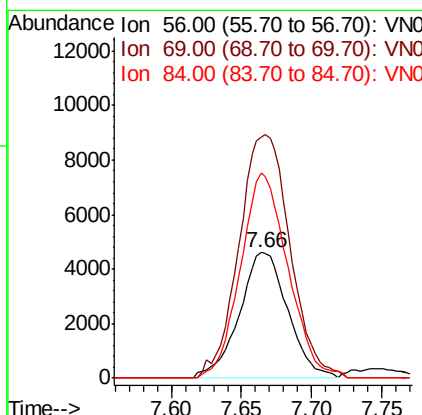
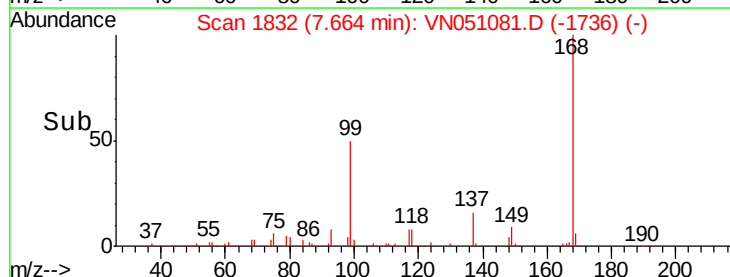
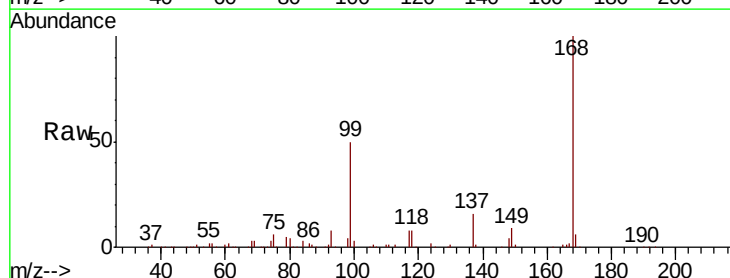
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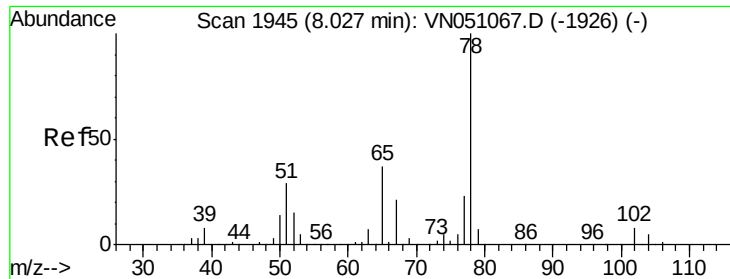
Tot Ion: 43 Resp: 2793
Ion Ratio Lower Upper
43 100
74 4.0 20.7 31.1#



#31
Cyclohexane
Concen: 0.68 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion: 56 Resp: 11088
Ion Ratio Lower Upper
56 100
69 192.0 26.3 39.5#
84 162.9 69.4 104.0#

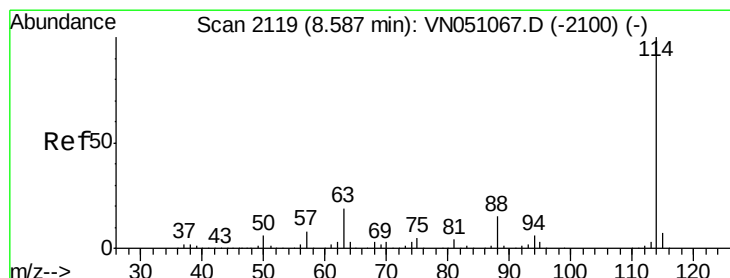
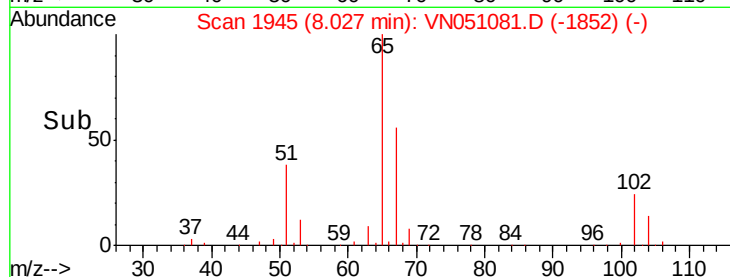
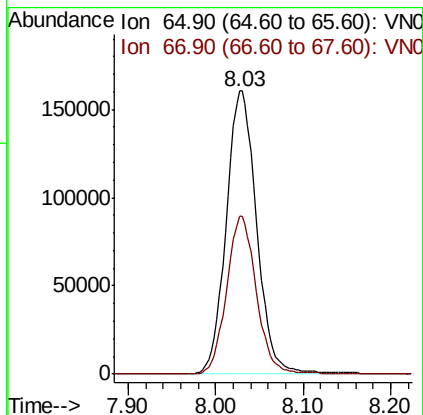
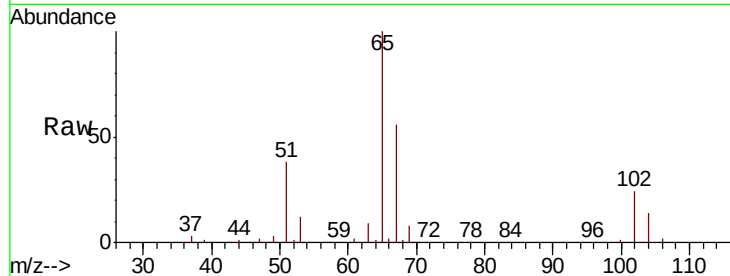




#33
 1,2-Dichloroethane-d4
 Concen: 51.87 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

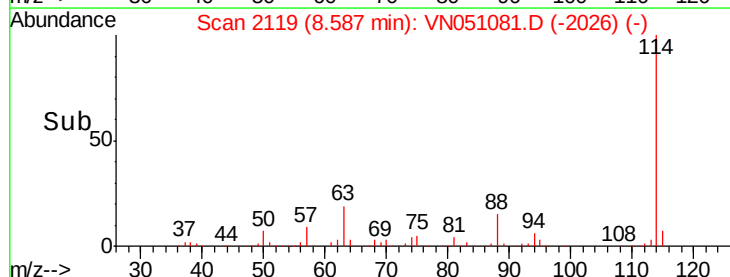
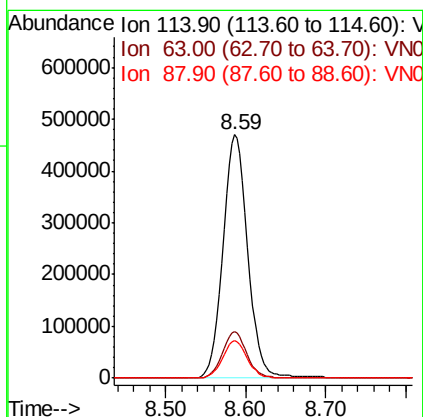
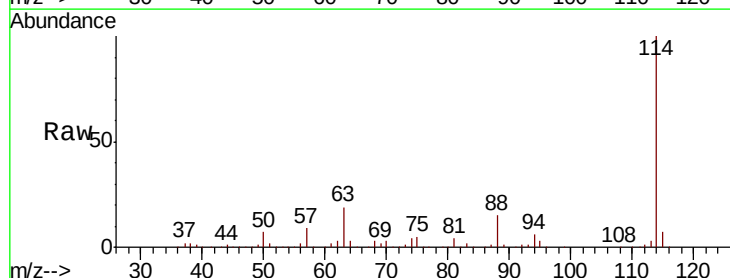
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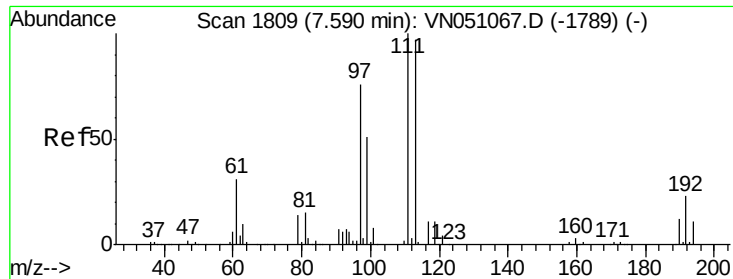
Tot Ion: 65 Resp: 387068
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion: 114 Resp: 1002197
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.3 0.0 30.8

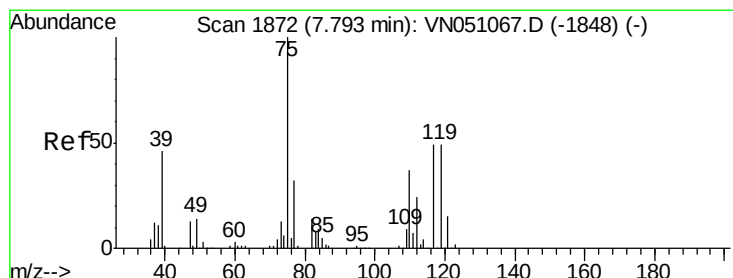
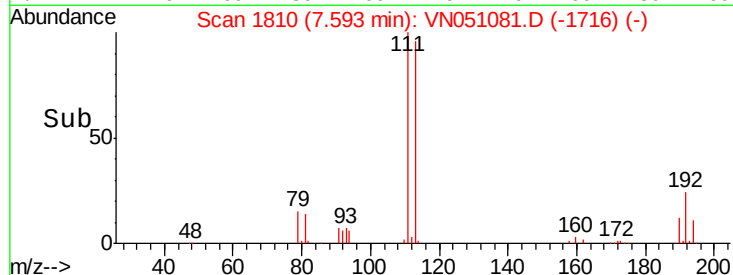
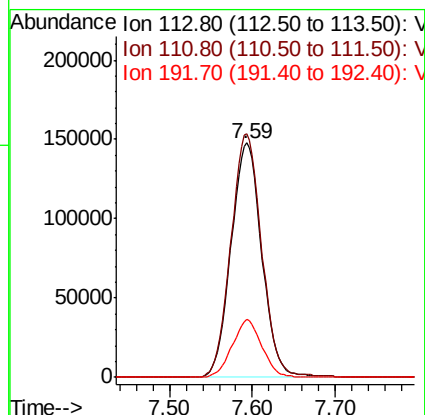
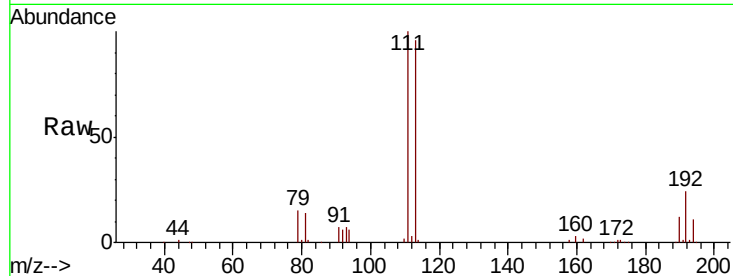




#35
 Dibromofluoromethane
 Concen: 50.70 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

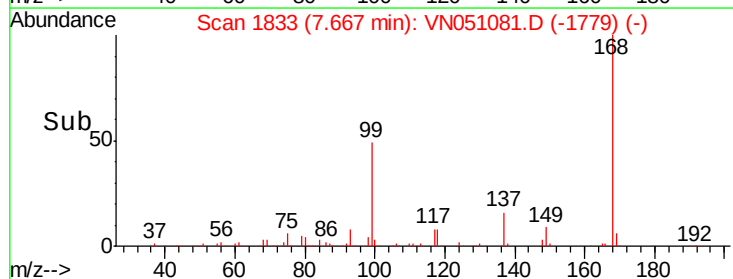
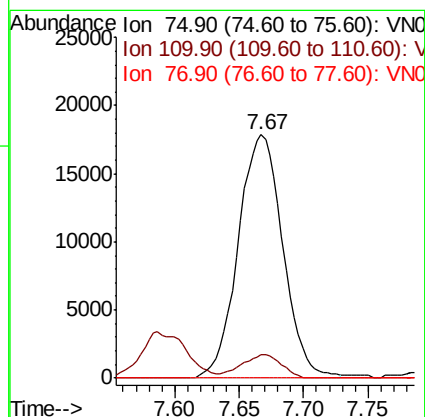
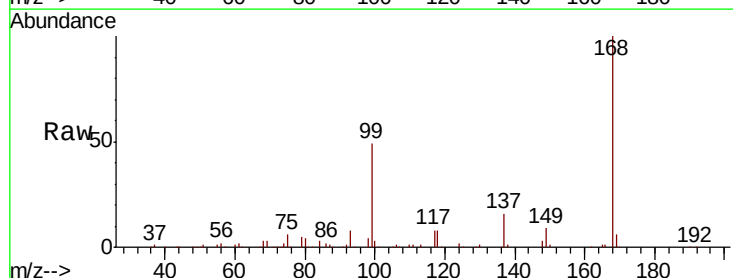
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

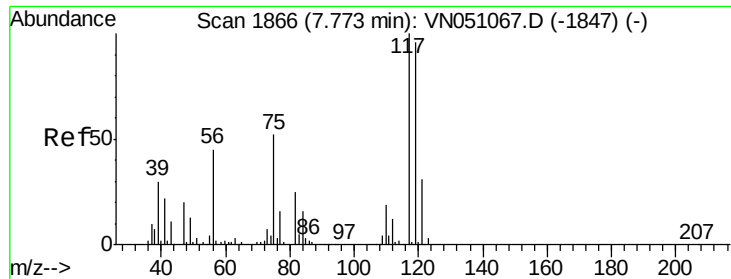
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.6
192	23.6	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.6	55.8#
77	0.0	25.2	37.8#

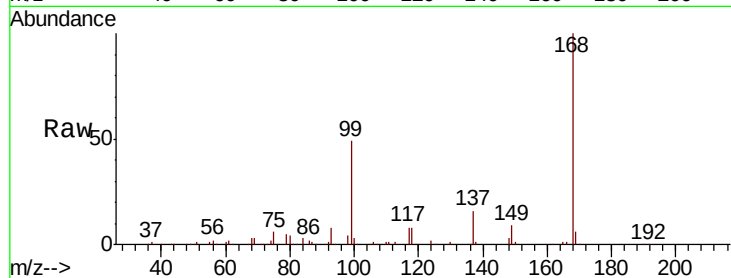




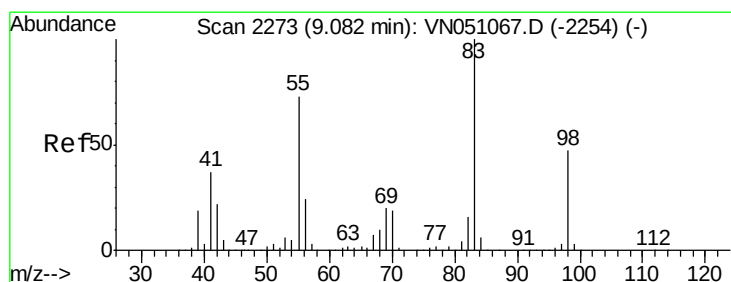
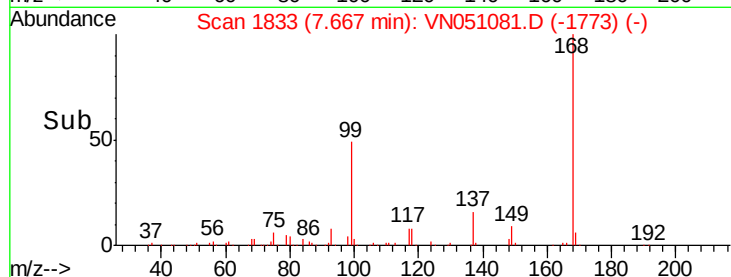
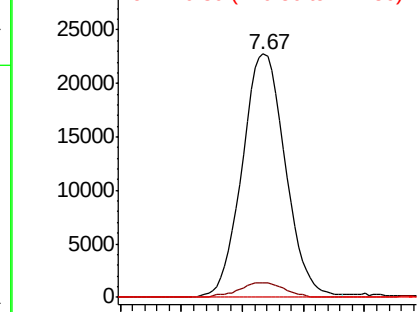
#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

Tot Ion:117 Resp: 55793
Ion Ratio Lower Upper
117 100
119 6.0 76.8 115.2#
121 0.0 24.6 36.8#

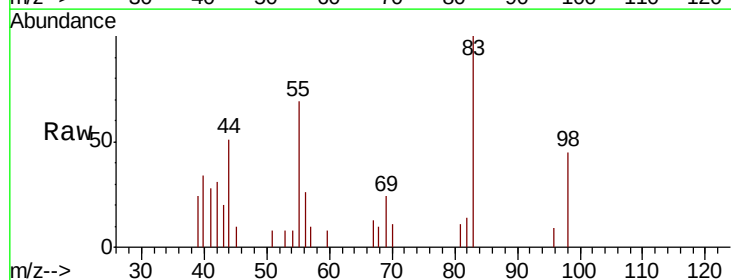


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

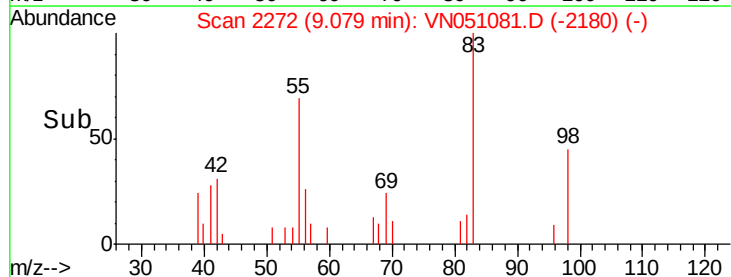
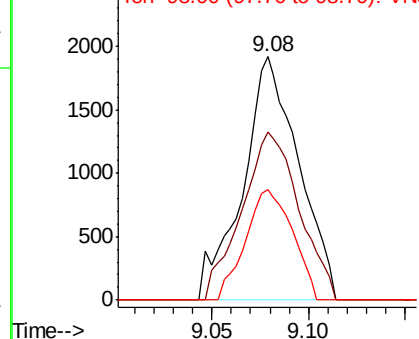


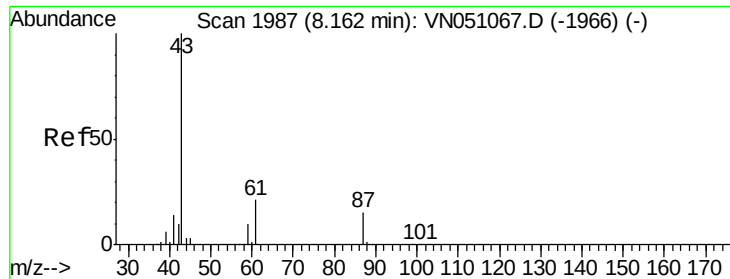
#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion: 83 Resp: 3860
Ion Ratio Lower Upper
83 100
55 68.9 58.4 87.6
98 45.2 37.3 55.9



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





#43

Isopropyl Acetate

Concen: 0.43 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.09 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)DL

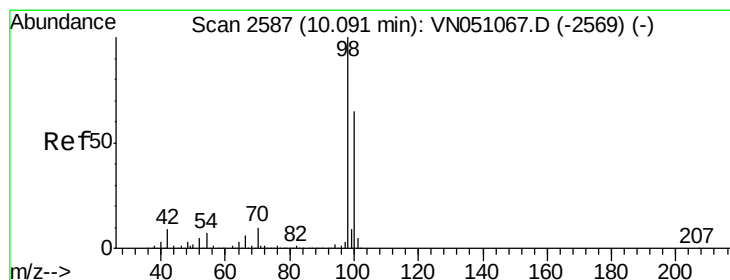
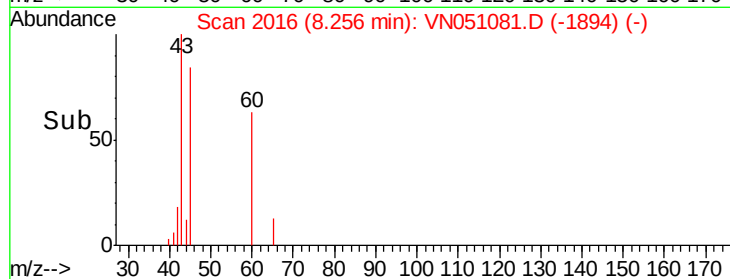
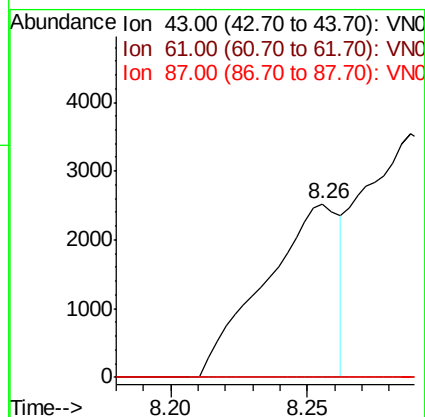
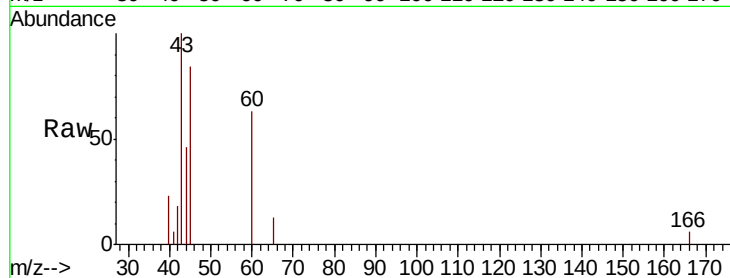
Tot Ion: 43 Resp: 4814

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 11.8 17.8#



#50

Toluene-d8

Concen: 49.60 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051081.D

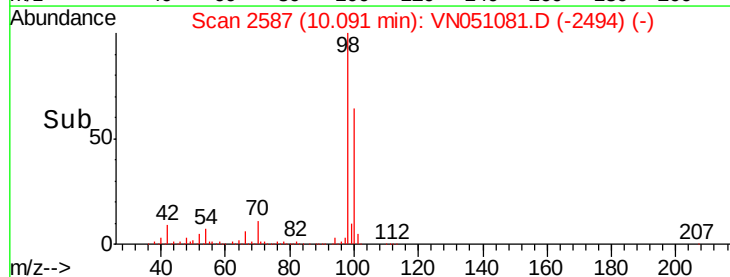
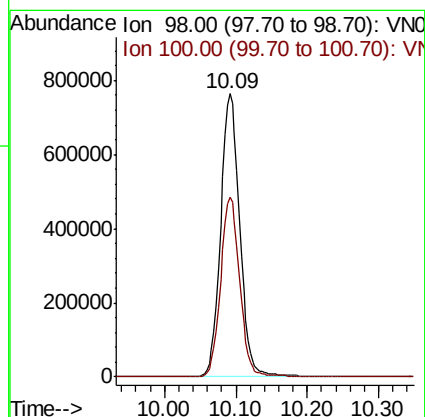
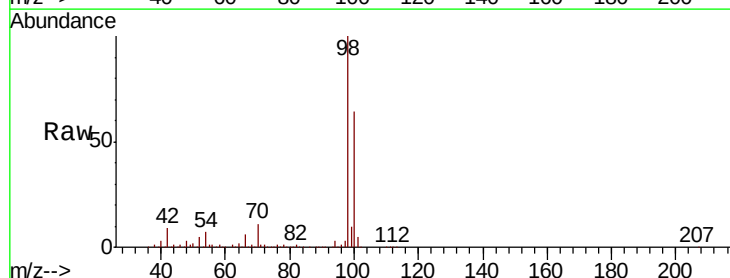
Acq: 10 Sep 2018 16:34

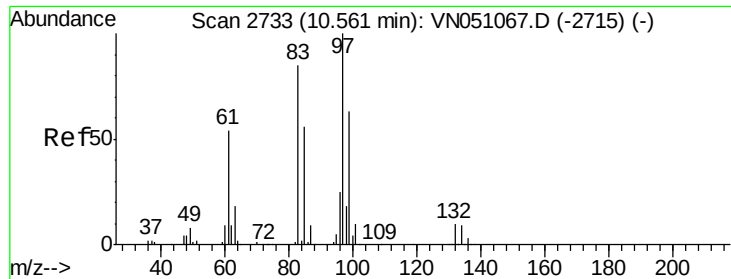
Tgt Ion: 98 Resp: 1417426

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





#55

1,1,2-Trichloroethane

Concen: 0.64 ug/l

RT: 10.53 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)DL

Tot Ion: 97 Resp: 4691

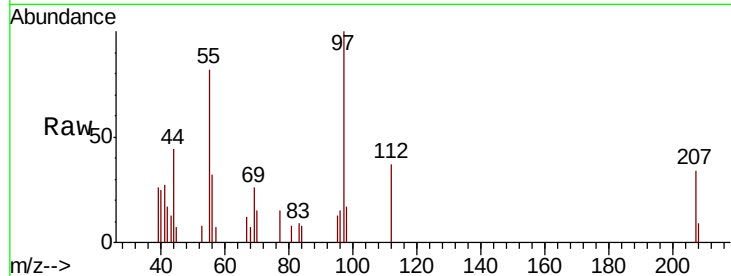
Ion Ratio Lower Upper

97 100

83 9.1 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#

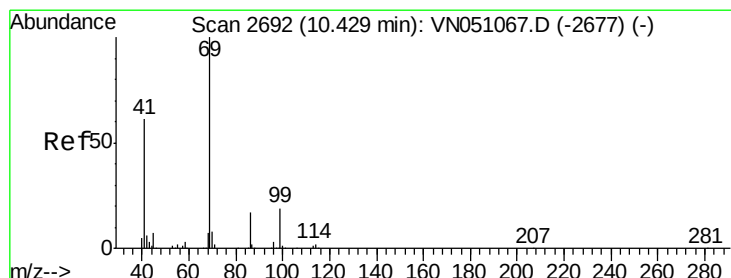
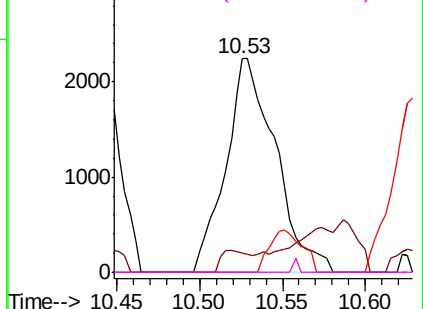
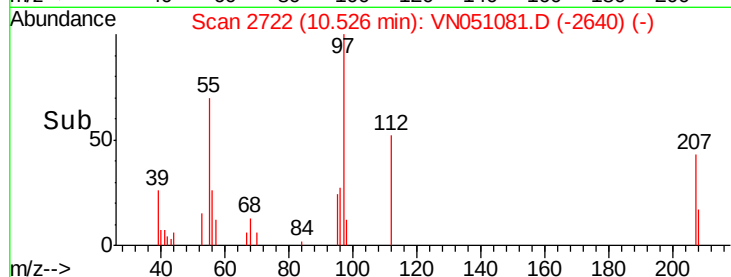


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.69 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

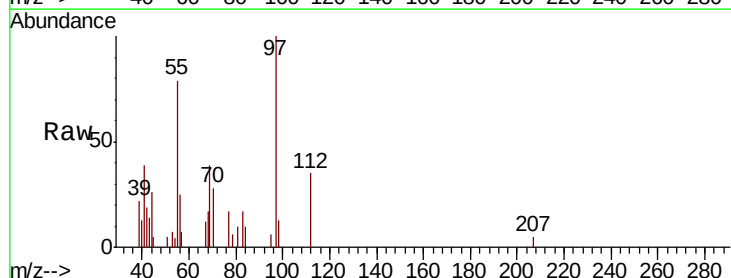
Tgt Ion: 69 Resp: 2451

Ion Ratio Lower Upper

69 100

41 130.2 47.8 71.8#

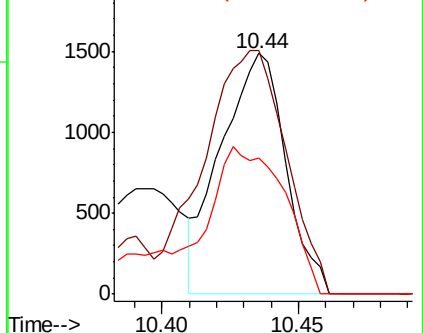
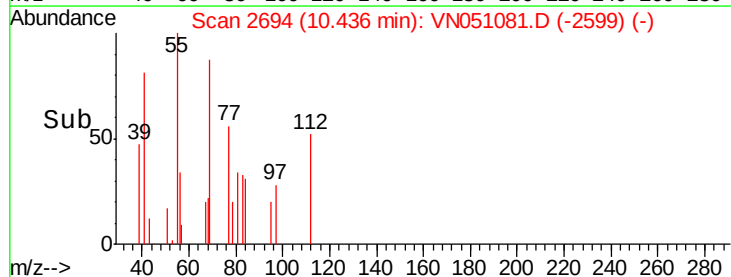
39 87.3 23.0 34.4#

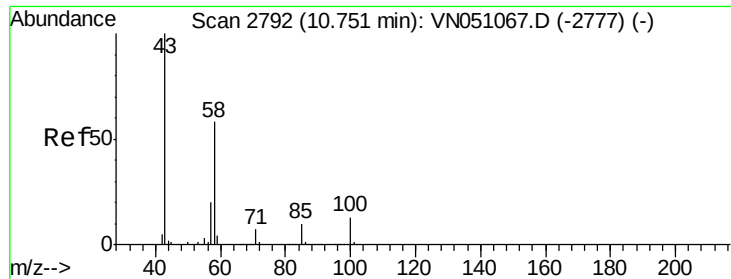


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

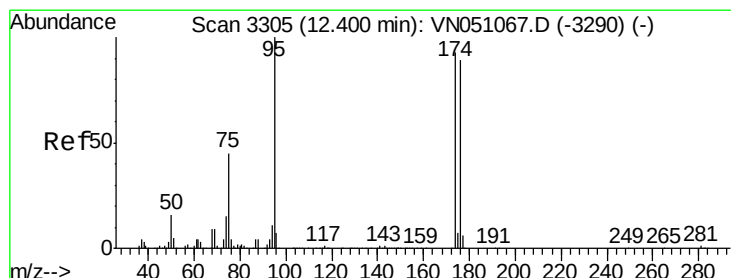
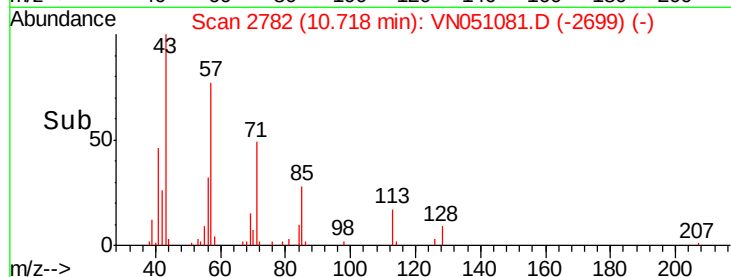
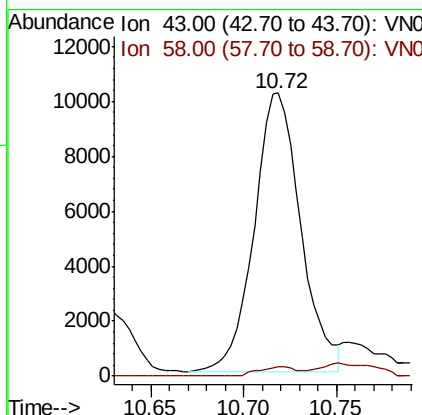
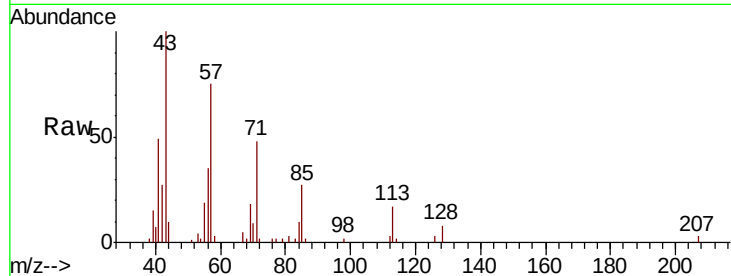




#59
2-Hexanone
Concen: 4.23 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

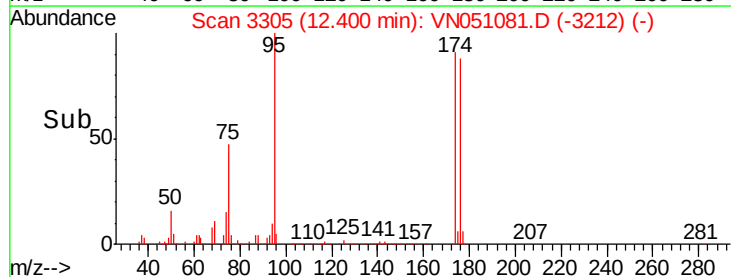
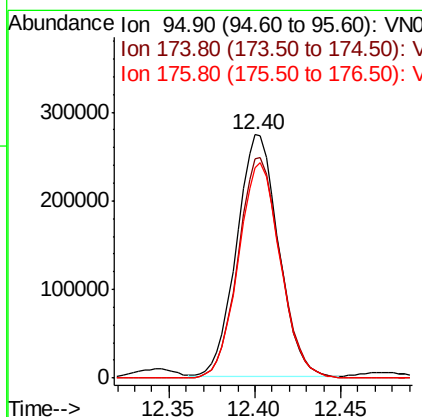
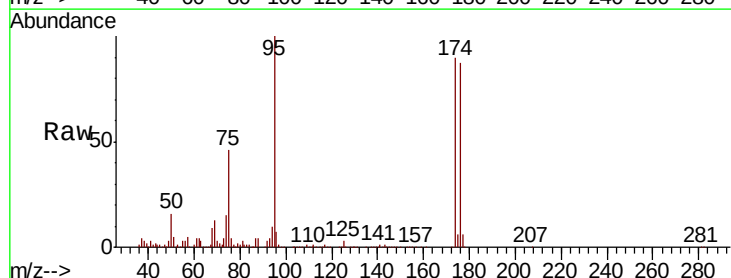
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

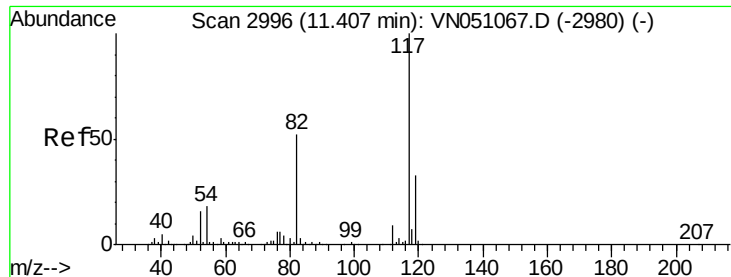
Tot Ion: 43 Resp: 17821
Ion Ratio Lower Upper
43 100
58 2.8 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 48.84 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion: 95 Resp: 461690
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.8
176 89.1 0.0 178.6

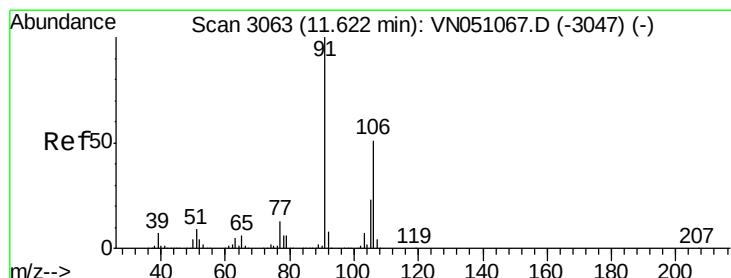
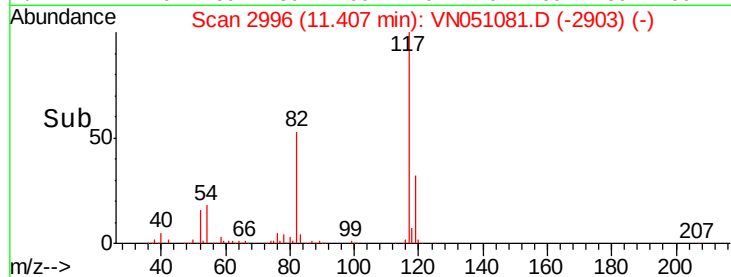
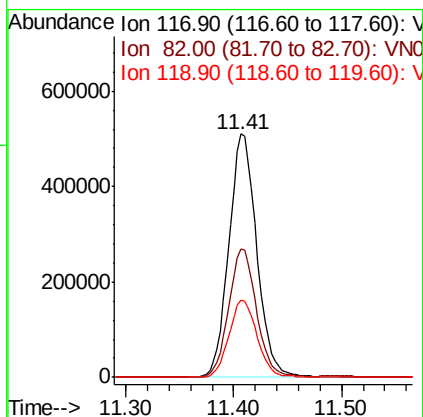
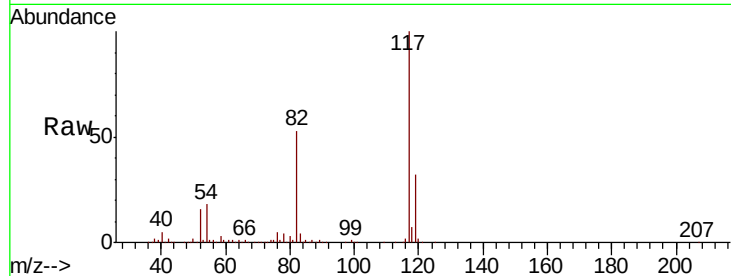




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

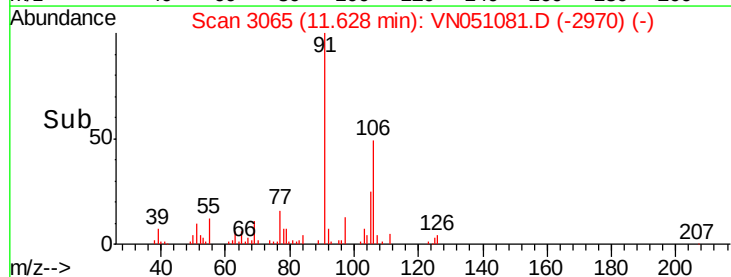
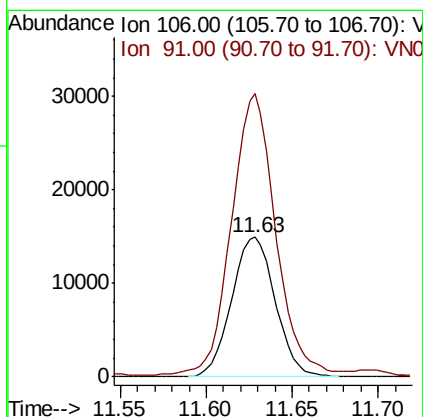
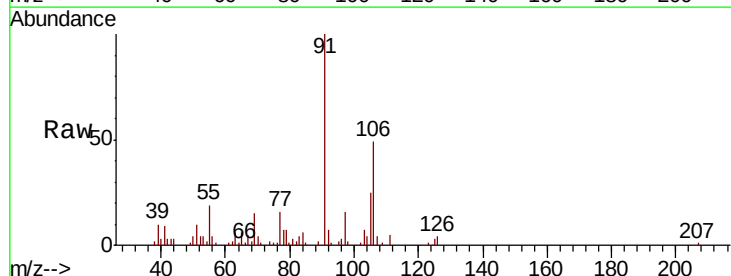
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

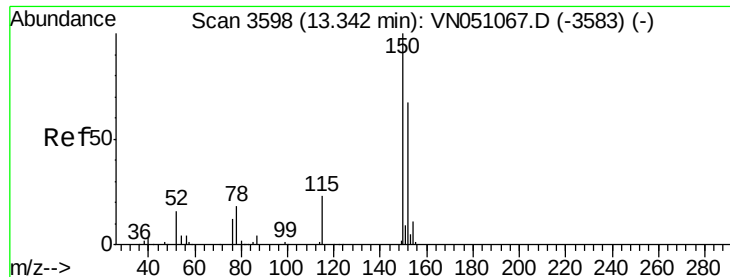
Tot Ion:117 Resp: 921994
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 31.8 26.2 39.2



#68
m/p-Xylenes
Concen: 1.82 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion:106 Resp: 26316
Ion Ratio Lower Upper
106 100
91 208.6 159.8 239.6

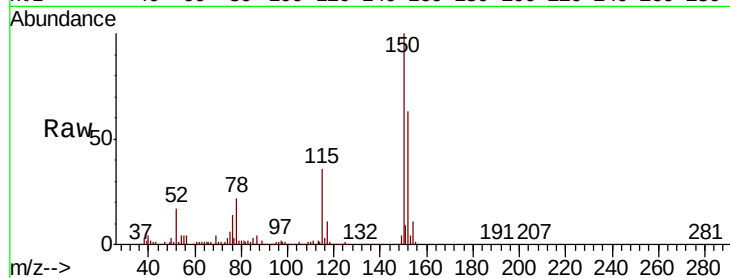




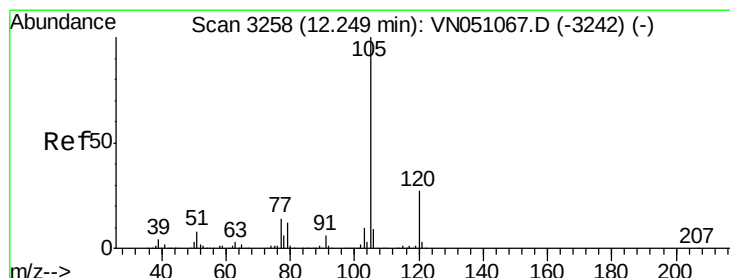
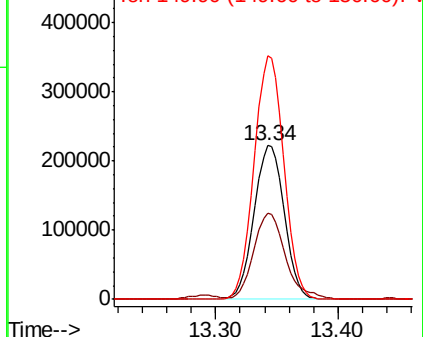
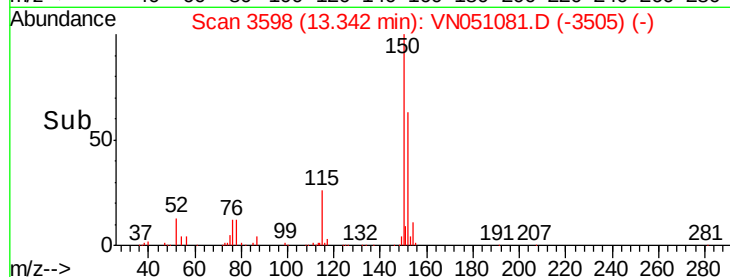
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

Tot Ion:152 Resp: 378123
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 156.3 0.0 349.0

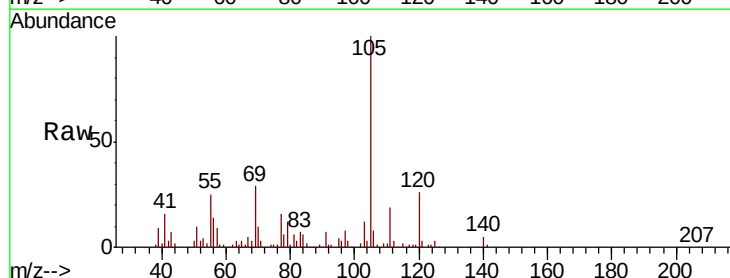


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

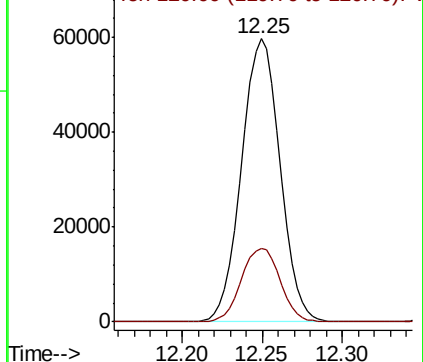
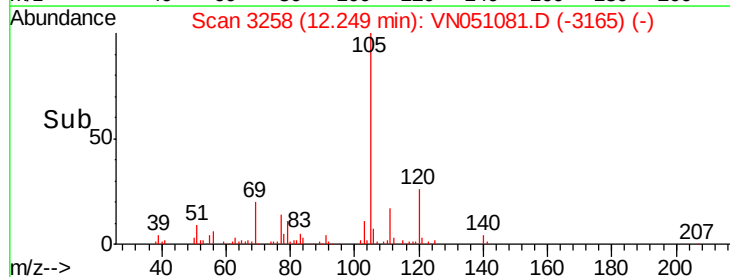


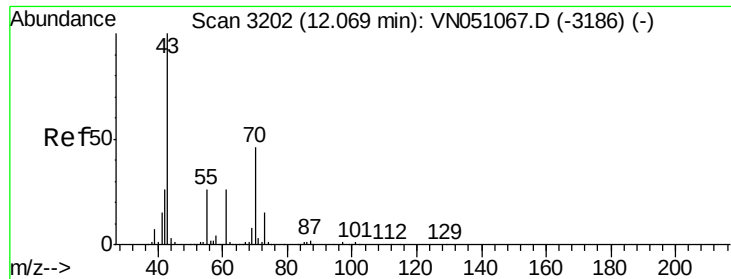
#73
 Isopropylbenzene
 Concen: 3.09 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion:105 Resp: 97937
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.6 40.7



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





#74

N-amvl acetate

Concen: 14.06 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)DL

Tot Ion: 43 Resp: 112210

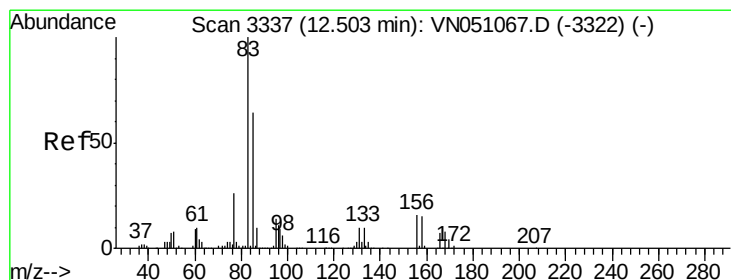
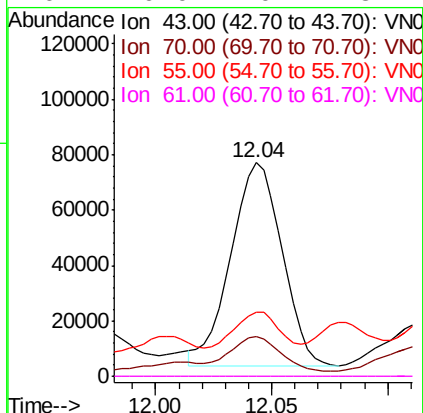
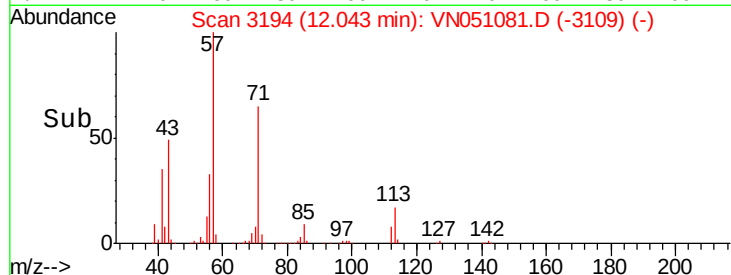
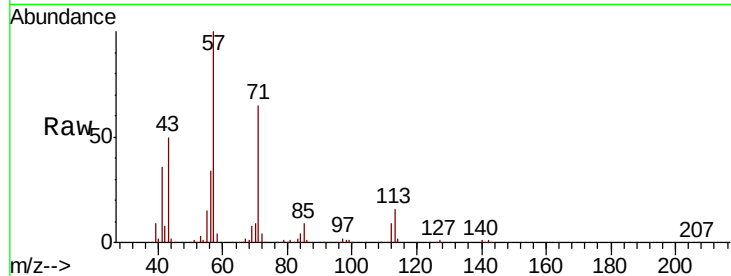
Ion Ratio Lower Upper

43 100

70 16.6 37.0 55.4#

55 28.1 21.3 31.9

61 0.0 20.7 31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

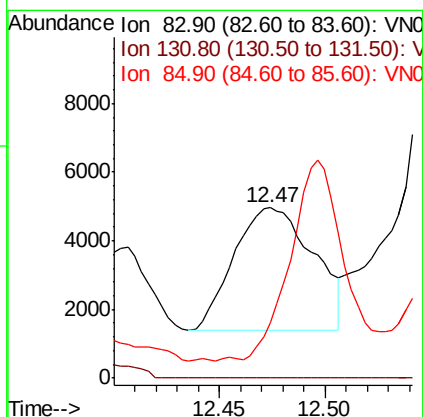
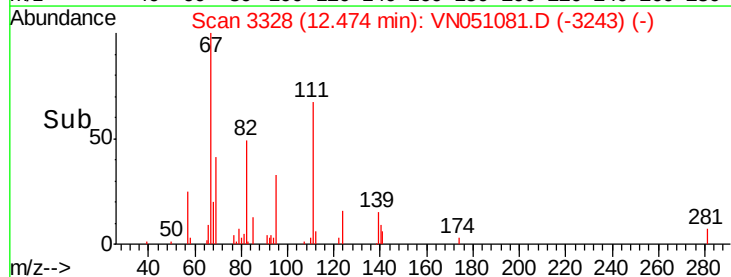
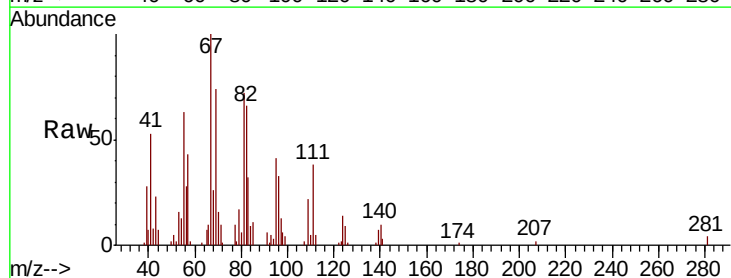
Tgt Ion: 83 Resp: 9287

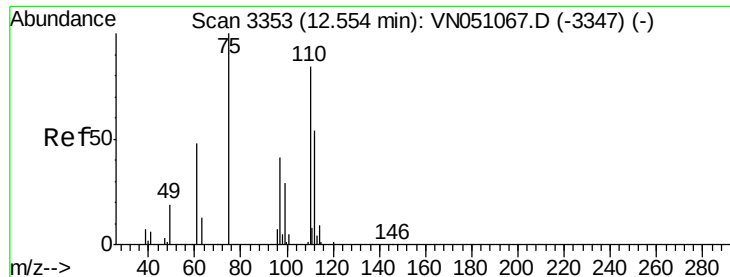
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 35.92 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

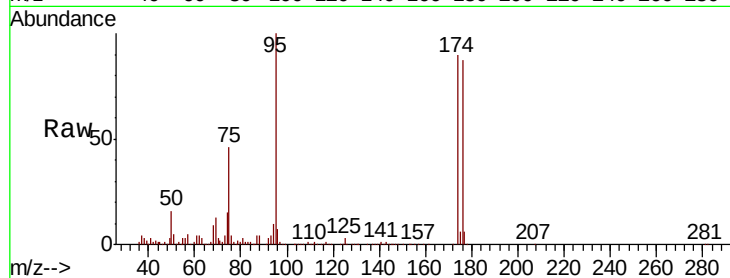
EP1-MW-C(7-10)DL

Tot Ion: 75 Resp: 213047

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

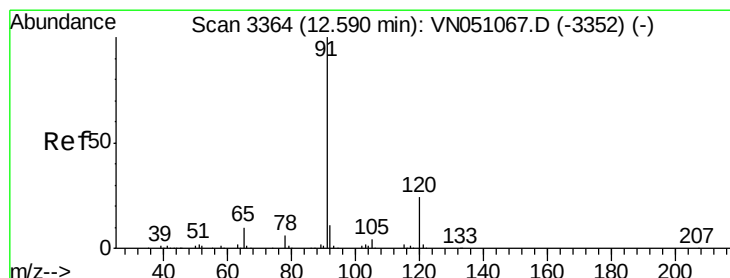
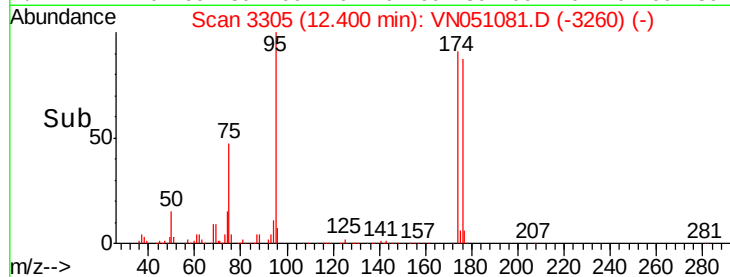
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 7.09 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051081.D

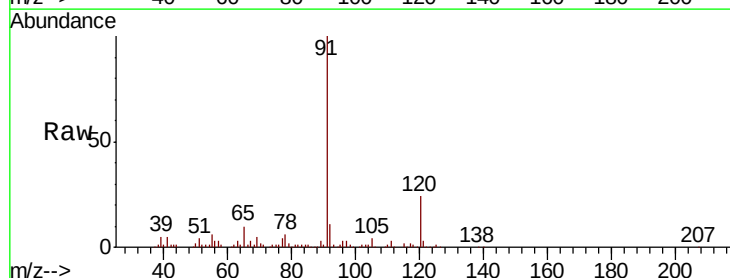
Acq: 10 Sep 2018 16:34

Tgt Ion: 91 Resp: 247017

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

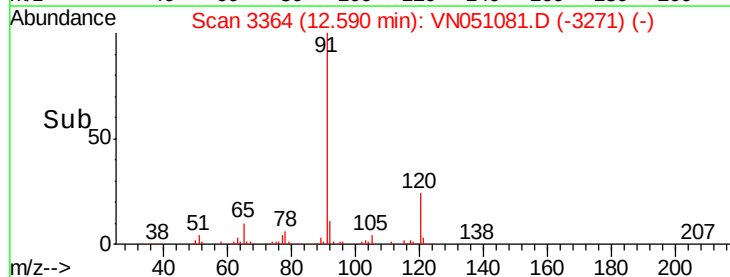
150000

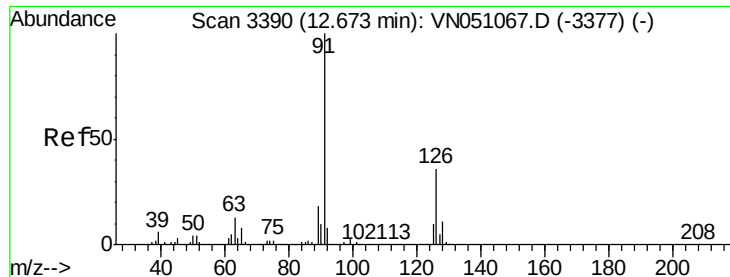
100000

50000

0

Time-->





#79

2-Chlorotoluene

Concen: 1.65 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

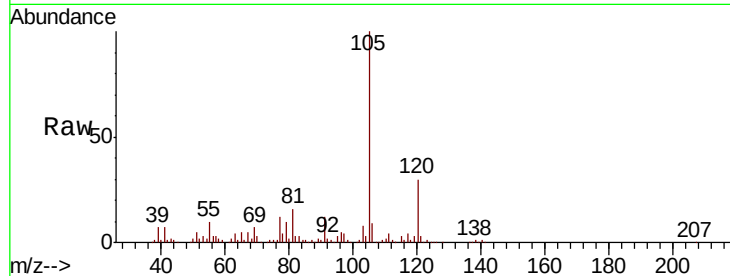
EP1-MW-C(7-10)DL

Tot Ion: 91 Resp: 35980

Ion Ratio Lower Upper

91 100

126 3.6 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN051067.D (-3377) (-)

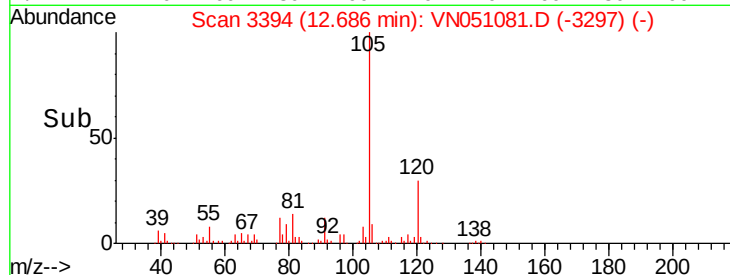
150000

100000

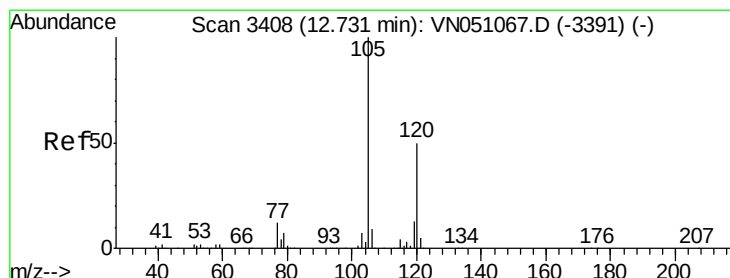
50000

0

12.60 12.65 12.70 12.75



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 9.96 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN051081.D

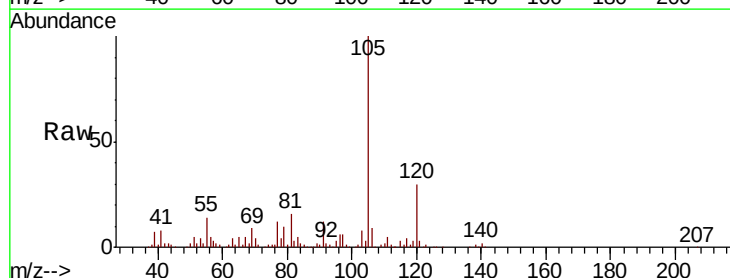
Acq: 10 Sep 2018 16:34

Tgt Ion: 105 Resp: 255286

Ion Ratio Lower Upper

105 100

120 30.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)

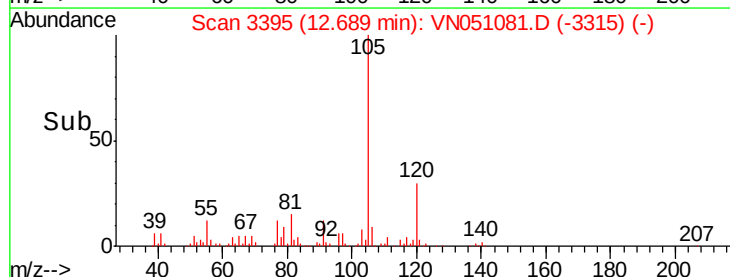
150000

100000

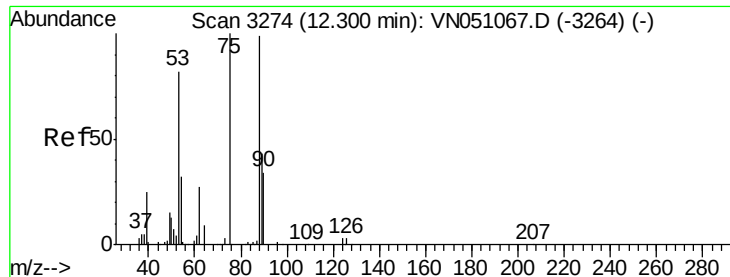
50000

0

12.60 12.65 12.70 12.75



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 107.01 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)DL

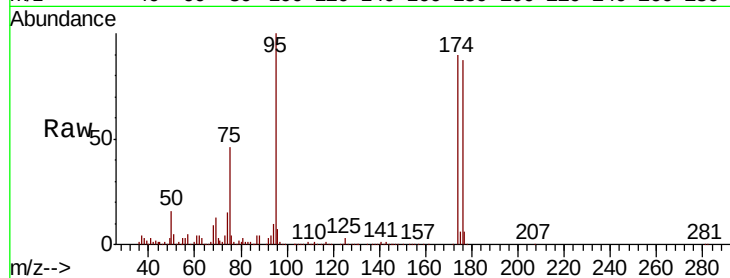
Tot Ion: 75 Resp: 213047

Ion Ratio Lower Upper

75 100

53 1.0 67.8 101.8#

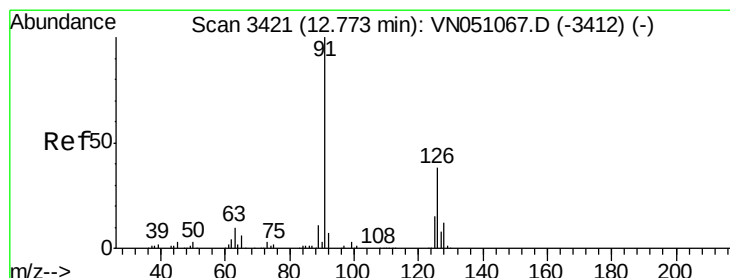
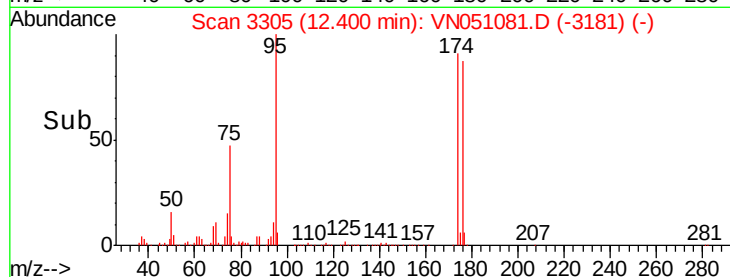
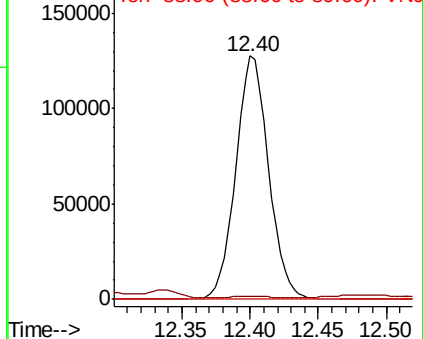
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.67 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN051081.D

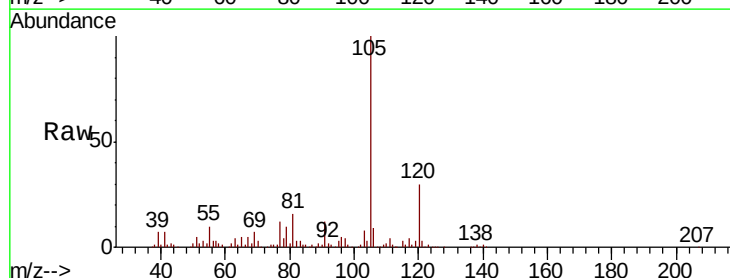
Acq: 10 Sep 2018 16:34

Tgt Ion: 91 Resp: 36147

Ion Ratio Lower Upper

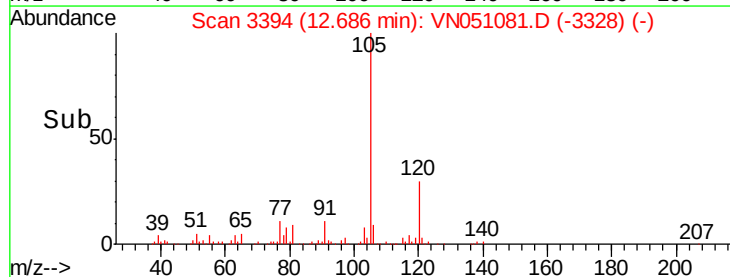
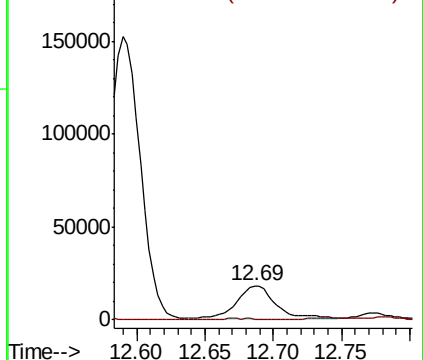
91 100

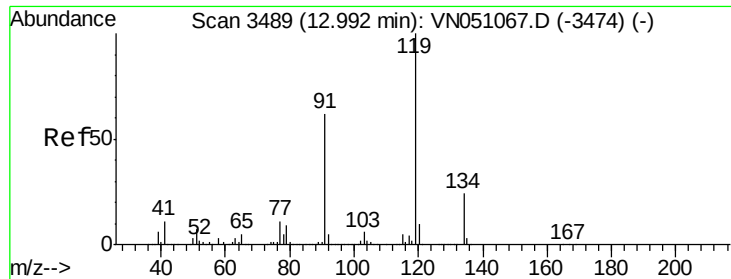
126 3.5 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

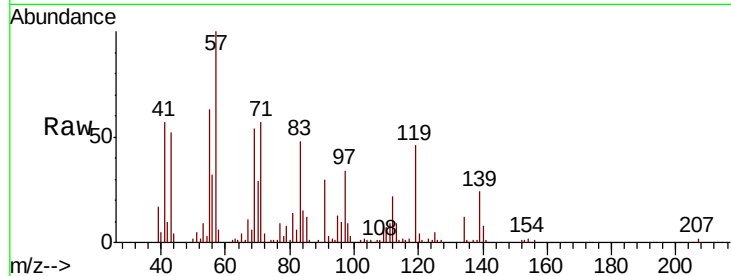




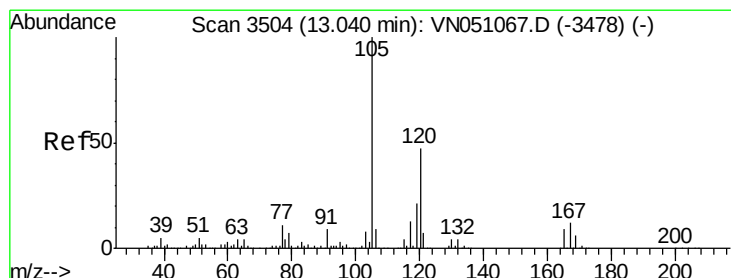
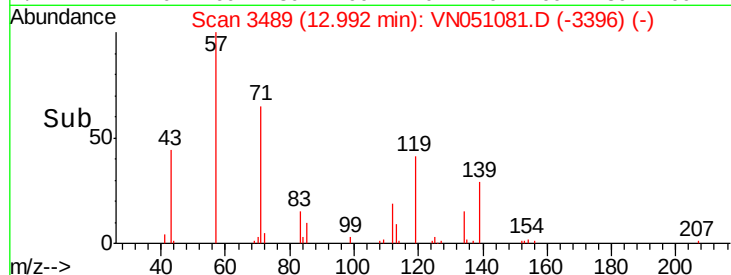
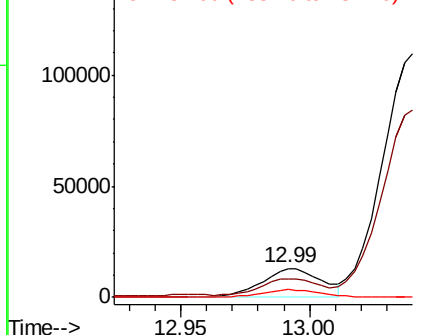
#83
 tert-Butylbenzene
 Concen: 0.92 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

Tot Ion:119 Resp: 20921
 Ion Ratio Lower Upper
 119 100
 91 52.6 30.8 92.3
 134 26.2 13.2 39.6

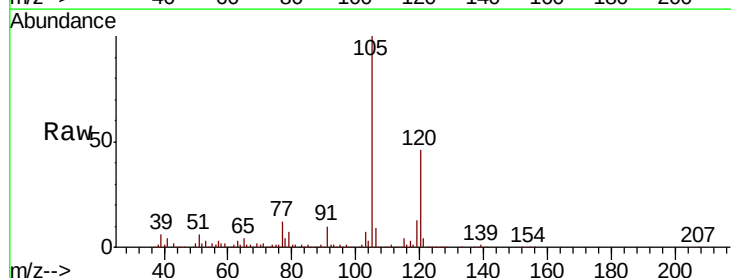


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

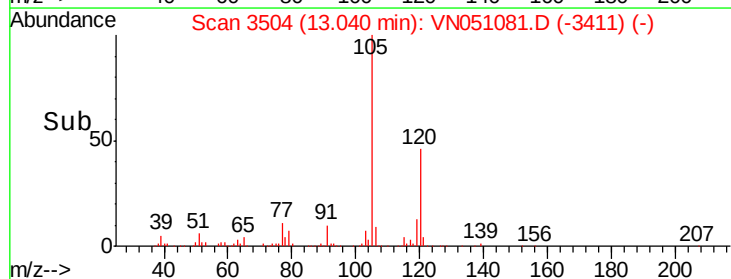
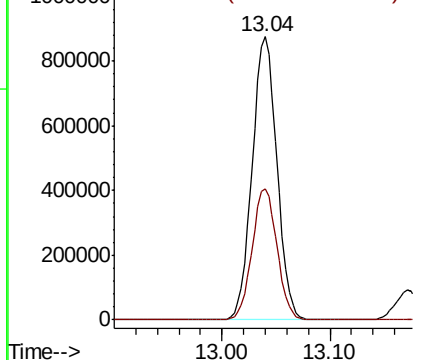


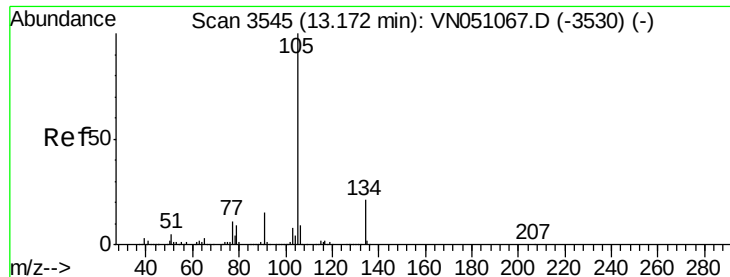
#84
 1,2,4-Trimethylbenzene
 Concen: 55.07 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion:105 Resp: 1388270
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.8



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





#85

sec-Butylbenzene

Concen: 4.96 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

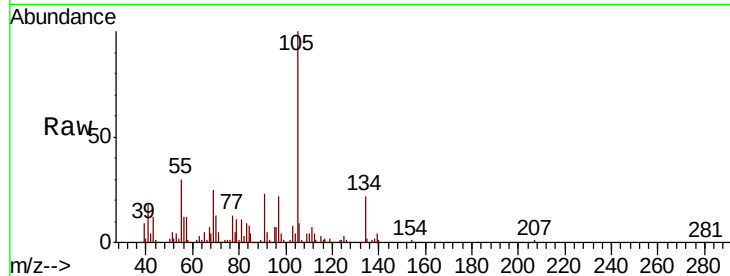
EP1-MW-C(7-10)DL

Tot Ion:105 Resp: 143846

Ion Ratio Lower Upper

105 100

134 31.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

100000

80000

60000

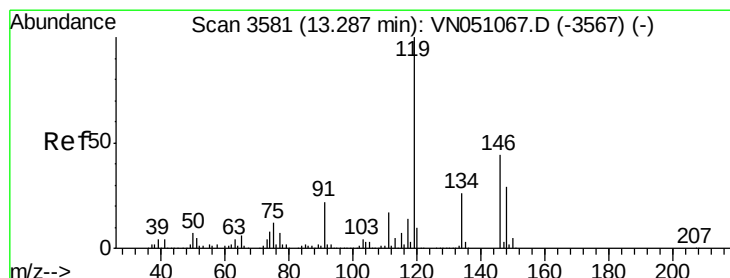
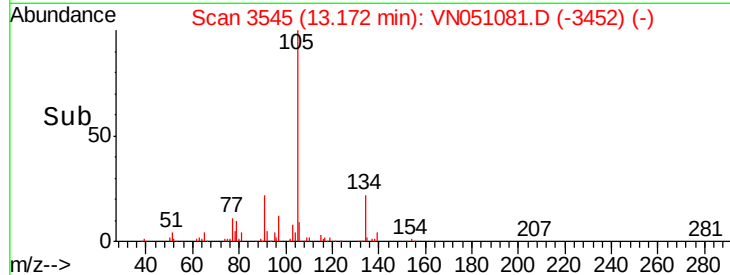
40000

20000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 5.35 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

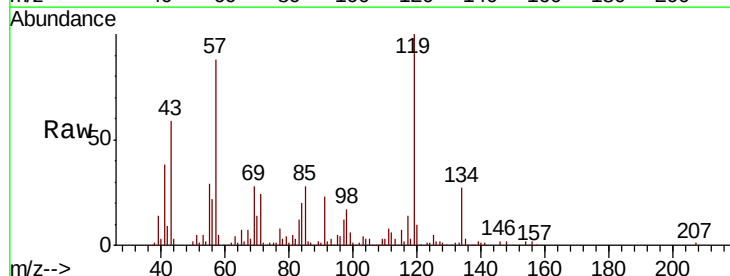
Tgt Ion:119 Resp: 131742

Ion Ratio Lower Upper

119 100

134 27.7 13.5 40.4

91 22.5 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

100000

80000

60000

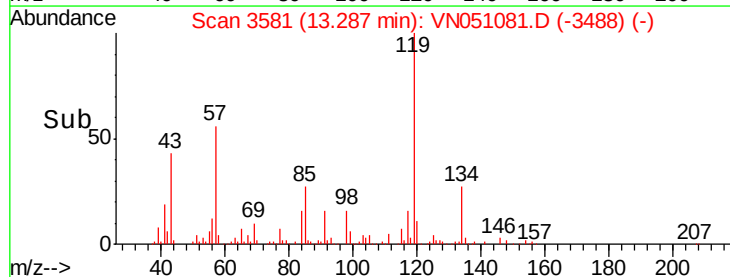
40000

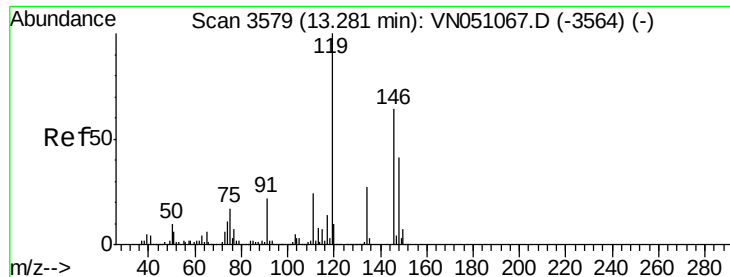
20000

0

Time-->

13.25 13.30 13.35

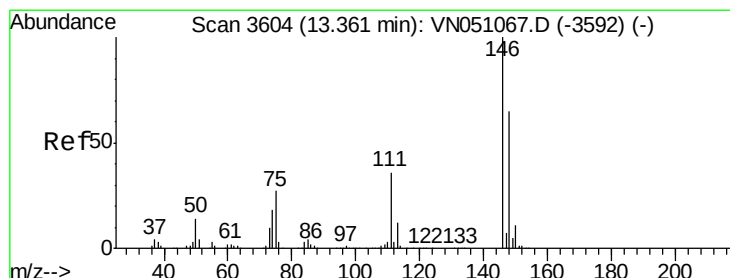
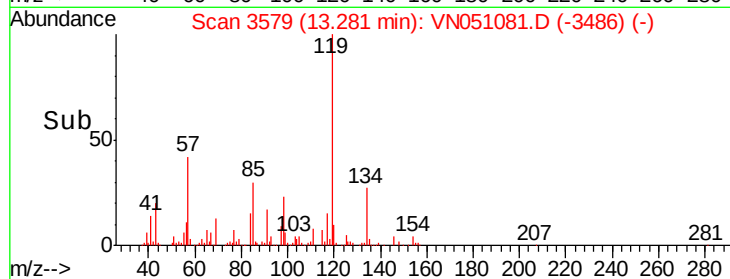
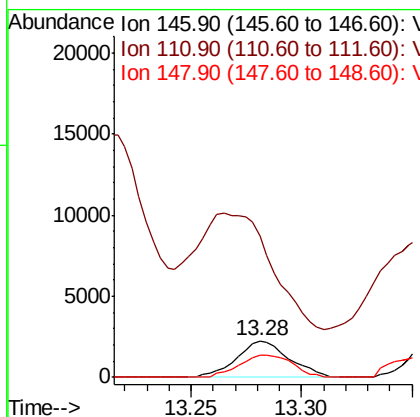
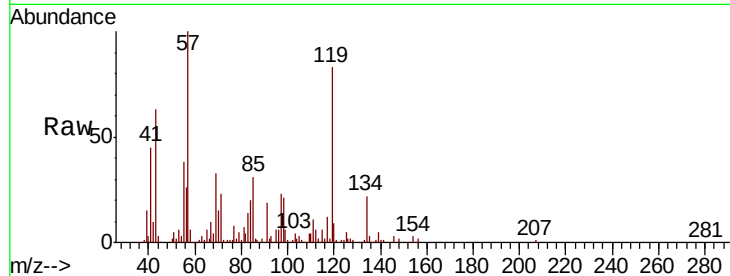




#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

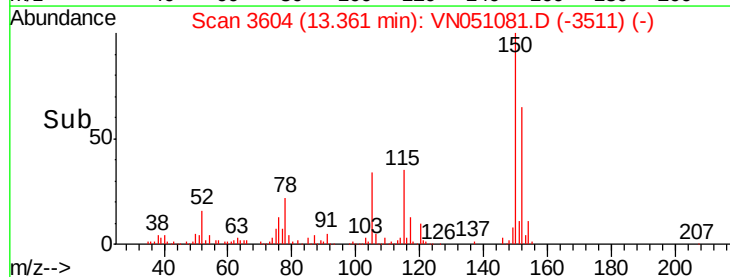
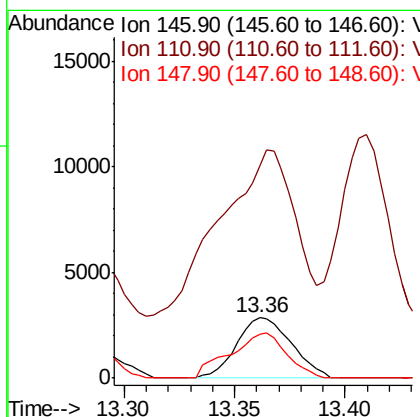
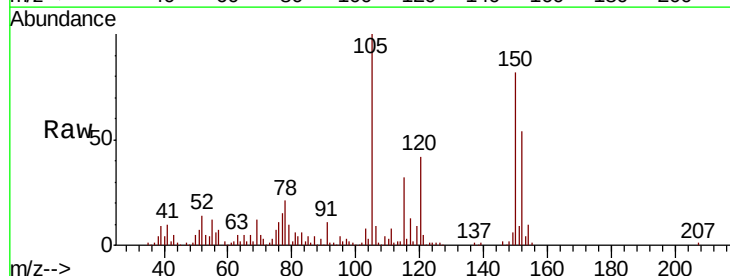
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

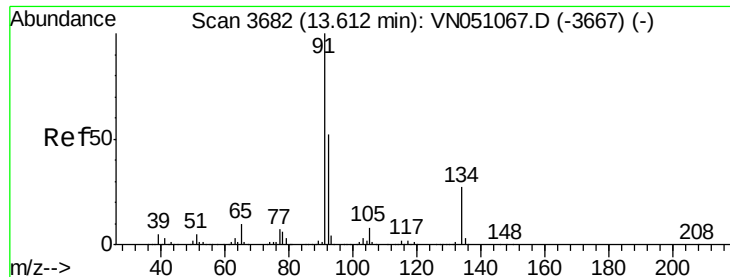
Tot Ion:146 Resp: 3666
 Ion Ratio Lower Upper
 146 100
 111 451.2 19.1 57.1#
 148 62.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.38 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion:146 Resp: 4910
 Ion Ratio Lower Upper
 146 100
 111 372.1 18.4 55.0#
 148 77.5 32.2 96.6

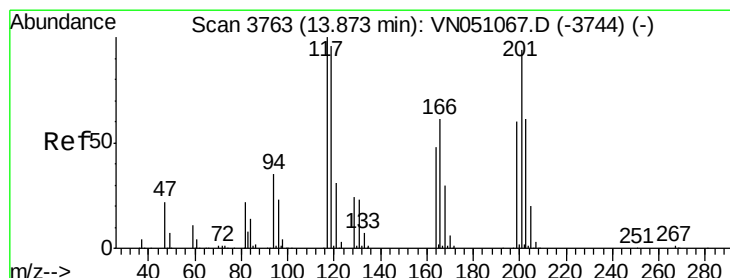
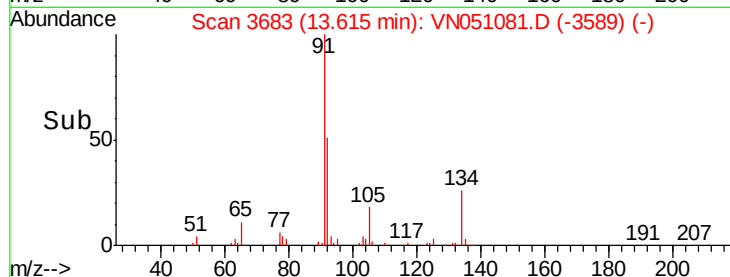
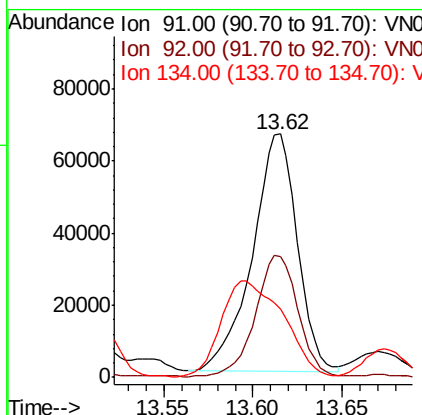
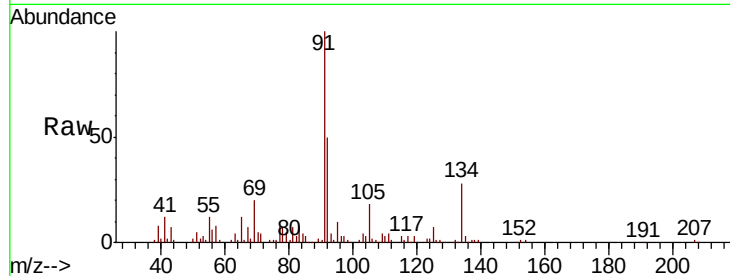




#89
n-Butylbenzene
Concen: 6.07 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

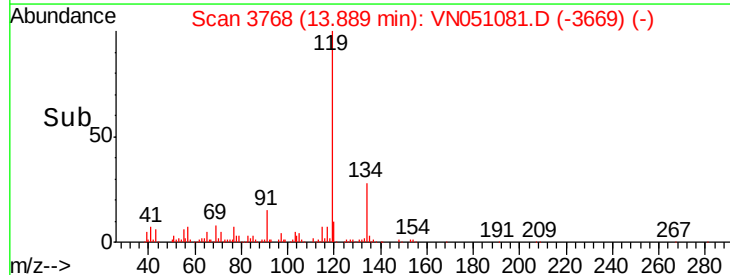
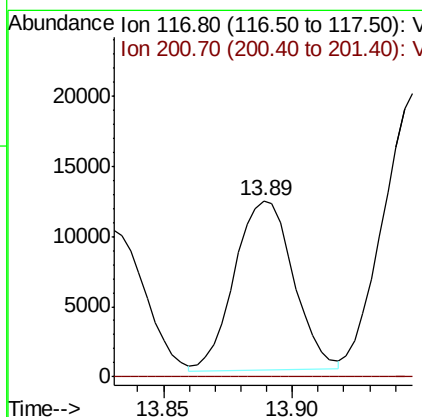
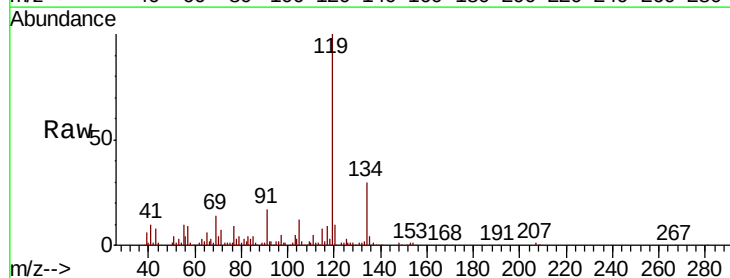
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)DL

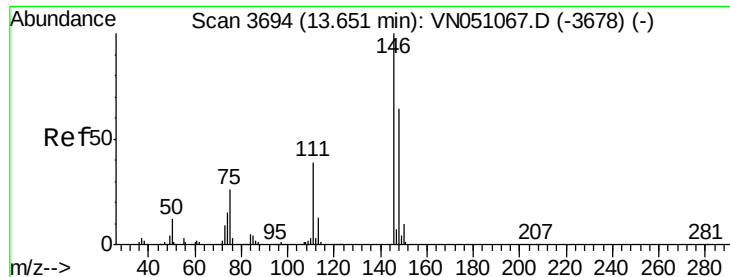
Tot Ion: 91 Resp: 116226
Ion Ratio Lower Upper
91 100
92 48.0 26.2 78.6
134 56.3 13.7 41.1#



#90
Hexachloroethane
Concen: 3.71 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051081.D
Acq: 10 Sep 2018 16:34

Tgt Ion: 117 Resp: 19172
Ion Ratio Lower Upper
117 100
201 0.0 47.3 142.0#





#91

1,2-Dichlorobenzene

Concen: 0.24 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)DL

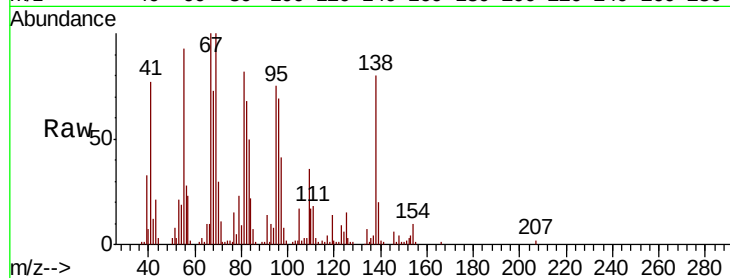
Tot Ion:146 Resp: 3423

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.0#

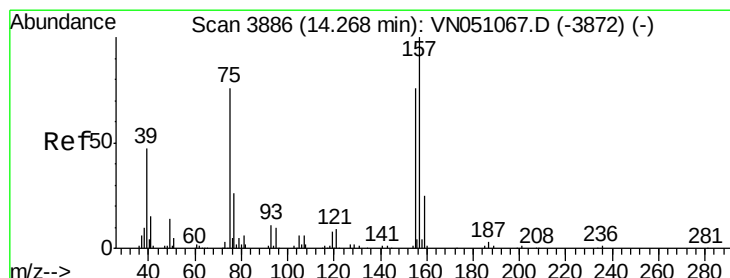
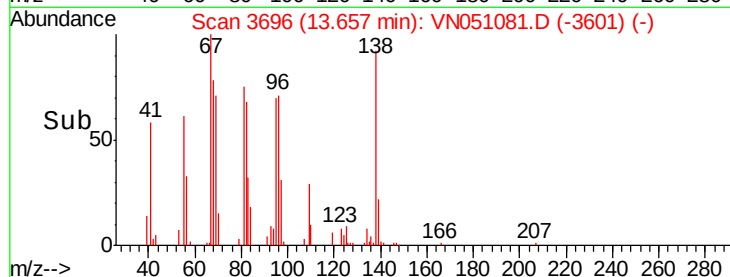
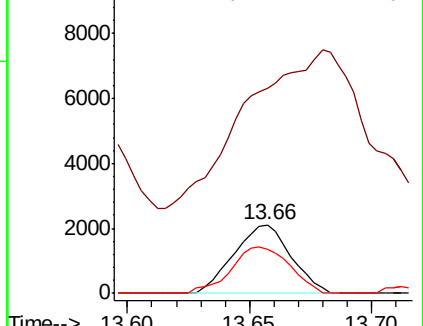
148 69.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.80 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

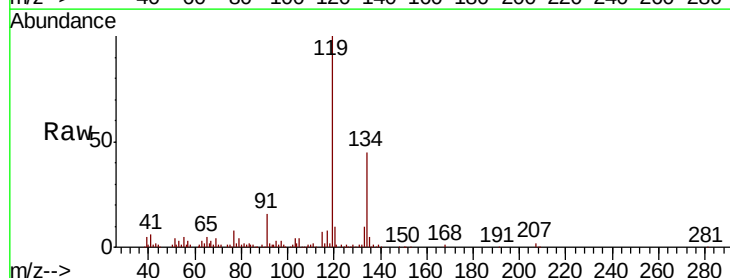
Tgt Ion: 75 Resp: 1258

Ion Ratio Lower Upper

75 100

155 17.4 48.7 146.1#

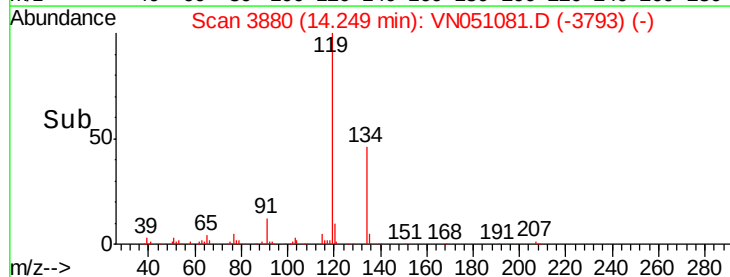
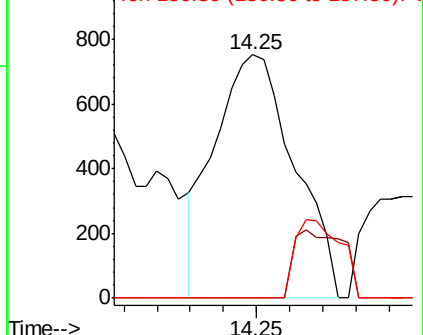
157 18.4 63.6 190.9#

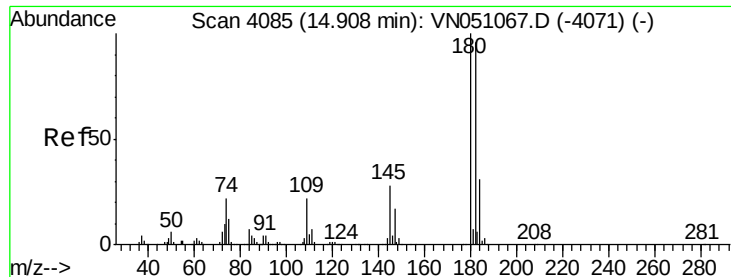


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

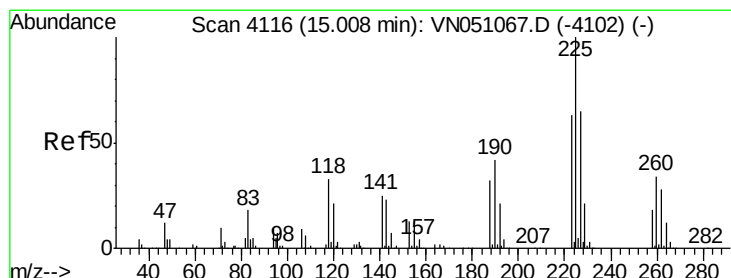
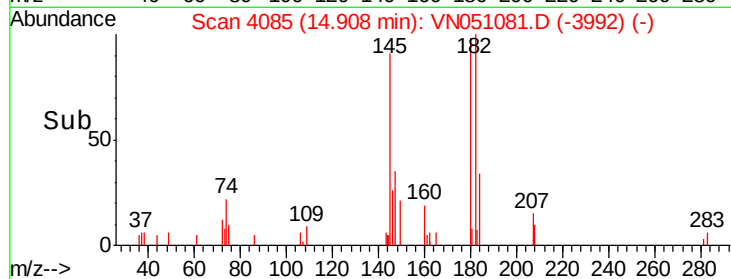
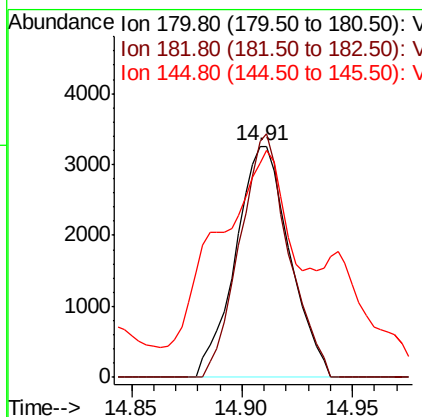
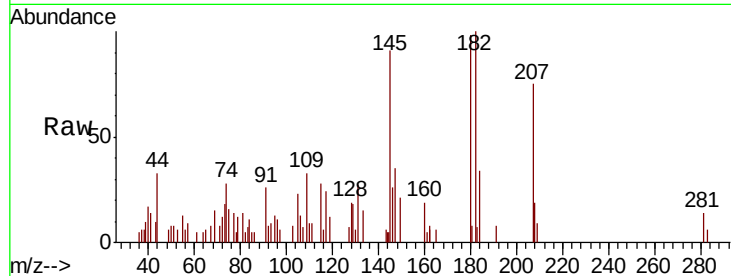




#93
 1,2,4-Trichlorobenzene
 Concen: 4.73 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

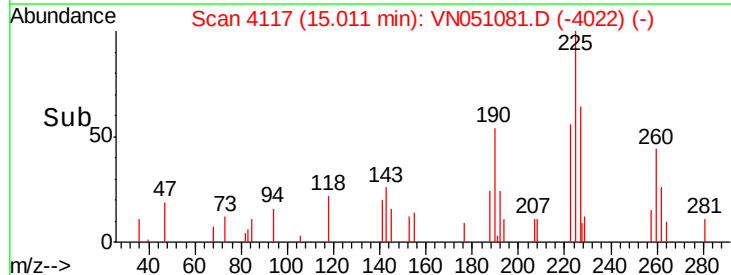
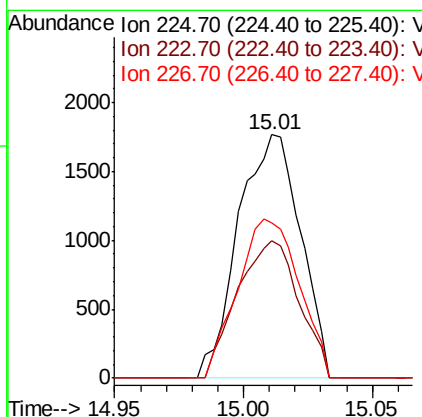
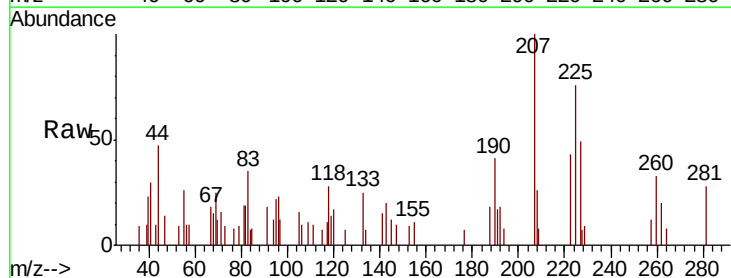
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)DL

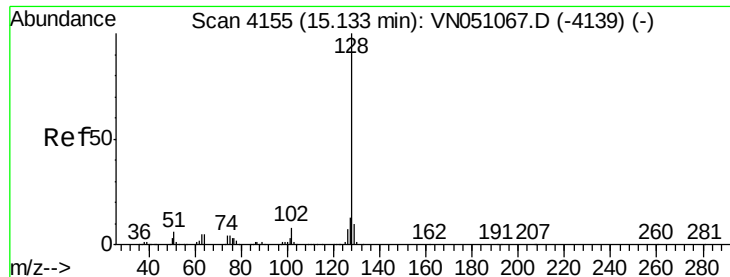
Tot Ion:180 Resp: 5536
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.8
 145 113.0 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051081.D
 Acq: 10 Sep 2018 16:34

Tgt Ion:225 Resp: 2967
 Ion Ratio Lower Upper
 225 100
 223 56.1 31.4 94.0
 227 64.7 32.1 96.3





#95

Naphthalene

Concen: 6.20 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)DL

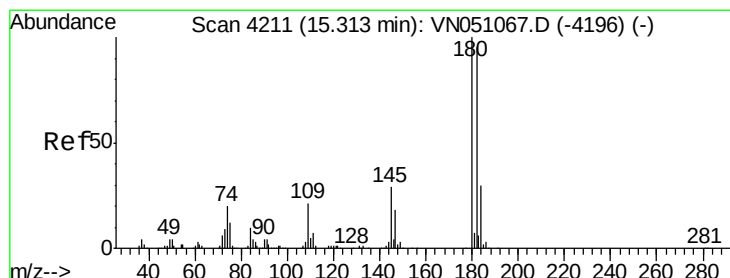
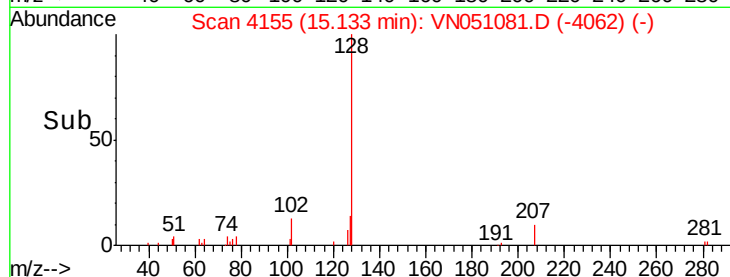
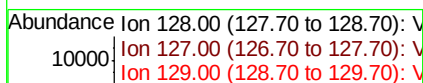
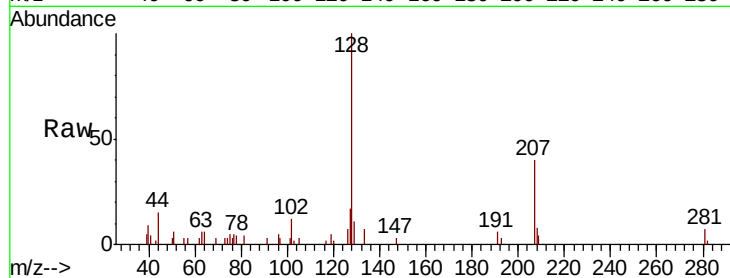
Tot Ion:128 Resp: 13634

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 13.4 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 3.82 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051081.D

Acq: 10 Sep 2018 16:34

Tgt Ion:180 Resp: 6051

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

145 52.0 14.6 43.8#

