

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051133.D
 Acq On : 11 Sep 2018 17:40
 Operator : MD\SY
 Sample : J4849-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

Quant Time: Sep 12 01:08:12 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	713125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	959115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417117	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	411576	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
35) Dibromofluoromethane	7.59	113	401954	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1501944	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	481137	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	12254	0.85	ug/l	100
5) Bromomethane	2.56	94	3088	Below	Cal	99
10) Methyl Iodide	3.95	142	1326	5.79	ug/l #	53
11) Tert butyl alcohol	4.81	59	228	0.38	ug/l #	73
13) Acrolein	3.61	56	123	24.43	ug/l #	43
16) Acetone	3.83	43	7060	Below	Cal	89
17) Carbon Disulfide	4.05	76	10460	0.58	ug/l #	94
25) 2-Butanone	6.86	43	1245	0.40	ug/l #	46
27) cis-1,2-Dichloroethene	6.84	96	6394	0.71	ug/l	93
31) Cyclohexane	7.66	56	12307	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45719	3.86	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61018	5.23	ug/l #	16
43) Isopropyl Acetate	8.25	43	16802	1.39	ug/l #	50
44) Trichloroethene	8.83	130	3211	0.33	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	6676	0.84	ug/l #	19
56) Ethyl methacrylate	10.44	69	4575	2.86	ug/l #	11
59) 2-Hexanone	10.72	43	1753	0.39	ug/l #	21
69) o-Xylene	11.95	106	15904	1.09	ug/l	79
73) Isopropylbenzene	12.25	105	551360	15.76	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.47	83	5449	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	222516	33.93	ug/l #	100
78) n-propylbenzene	12.59	91	1054502	27.43	ug/l	100
79) 2-Chlorotoluene	12.59	91	1054502	43.88	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	301365	10.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	222516	101.31	ug/l #	15
82) 4-Chlorotoluene	12.59	91	1055095	44.23	ug/l #	40
83) tert-Butylbenzene	12.99	119	354115	14.18	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	8035697	288.97	ug/l	100
85) sec-Butylbenzene	13.17	105	1402509	43.80	ug/l	83
86) p-Isopropyltoluene	13.29	119	548701	20.21	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3854	0.28	ug/l #	1
89) n-Butylbenzene	13.61	91	352725	16.69	ug/l #	43
90) Hexachloroethane	13.89	117	66043	12.90	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9247	8.29	ug/l #	1

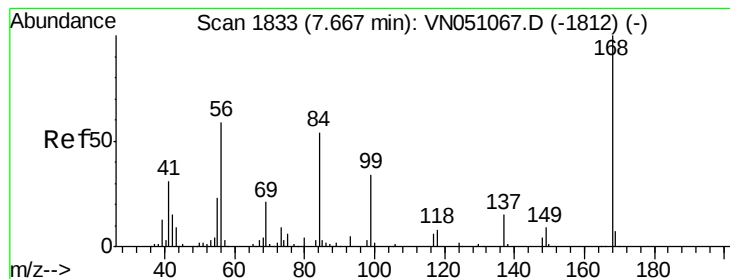
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051133.D
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2794	4.32	ug/l #	1
94) Hexachlorobutadiene	15.01	225	1235	Below Cal		92
95) Naphthalene	15.13	128	27737	6.92	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	3500	3.41	ug/l #	80

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

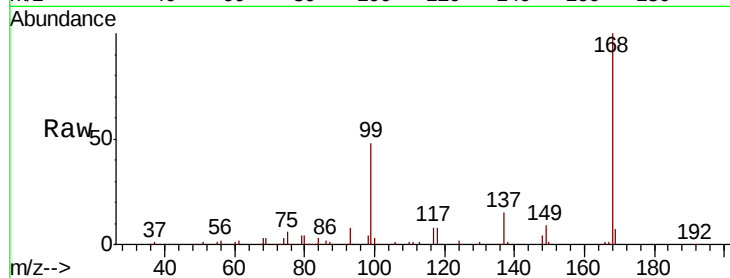
EP1-MW-H

Tot Ion:168 Resp: 713125

Ion Ratio Lower Upper

168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

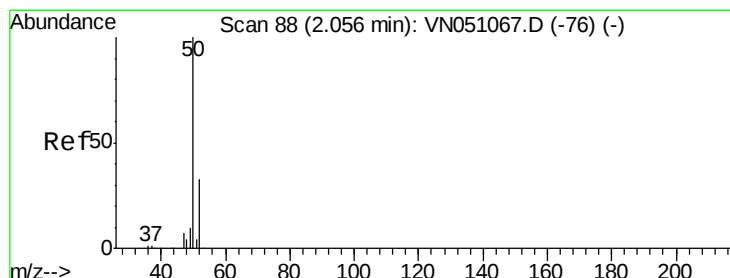
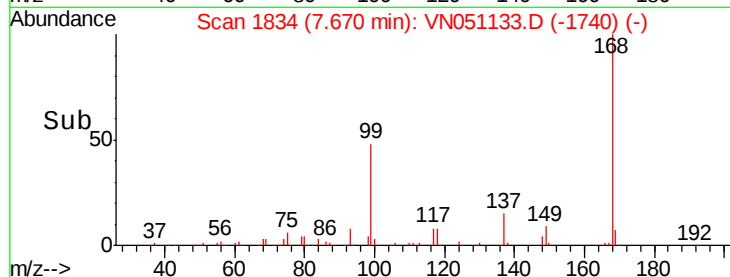
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.85 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051133.D

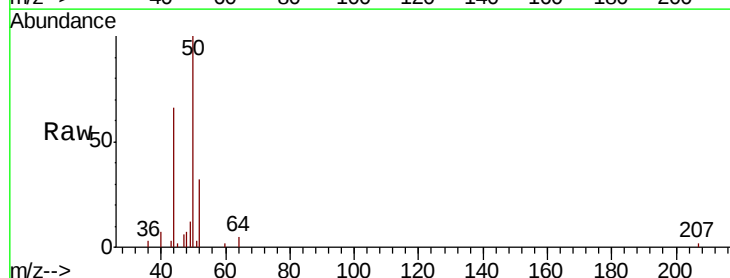
Acq: 11 Sep 2018 17:40

Tgt Ion: 50 Resp: 12254

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

10000

8000

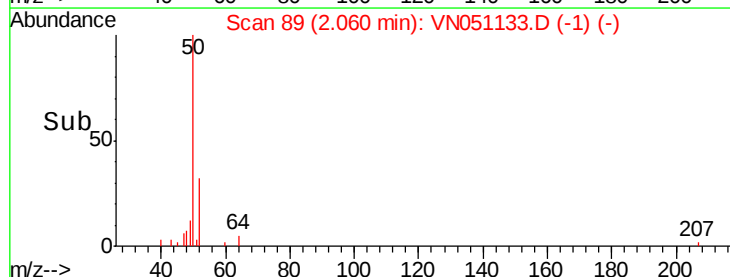
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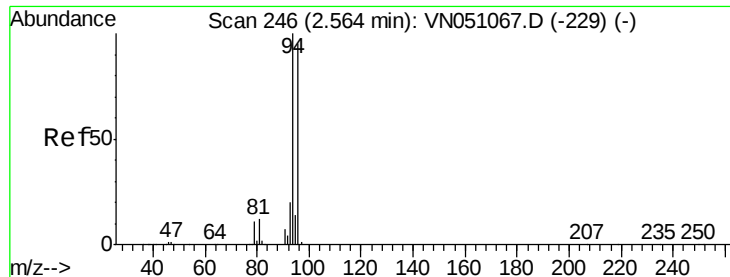
4000

2000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

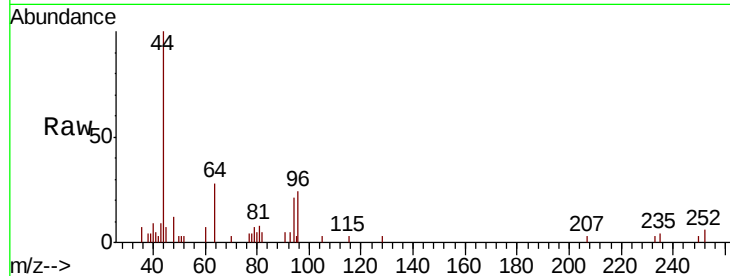
EP1-MW-H

Tot Ion: 94 Resp: 3088

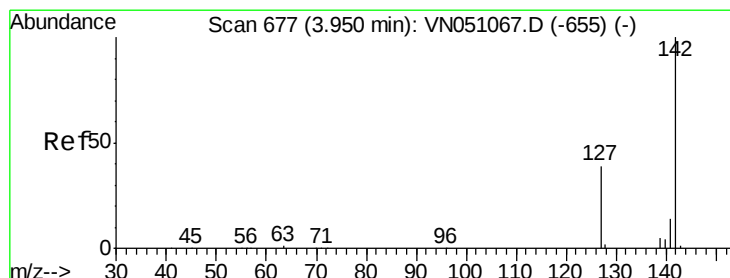
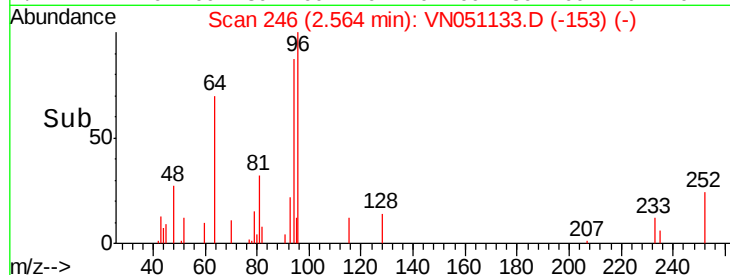
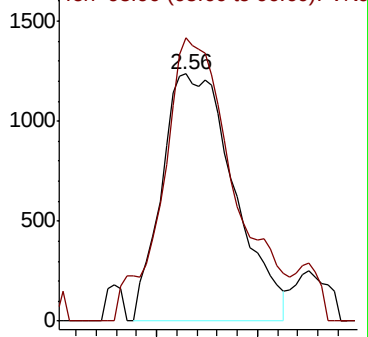
Ion Ratio Lower Upper

94 100

96 96.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051133.D (-153) (-)



#10

Methyl Iodide

Concen: 5.79 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

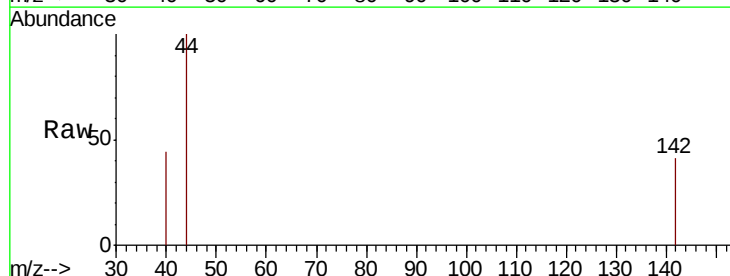
Tgt Ion: 142 Resp: 1326

Ion Ratio Lower Upper

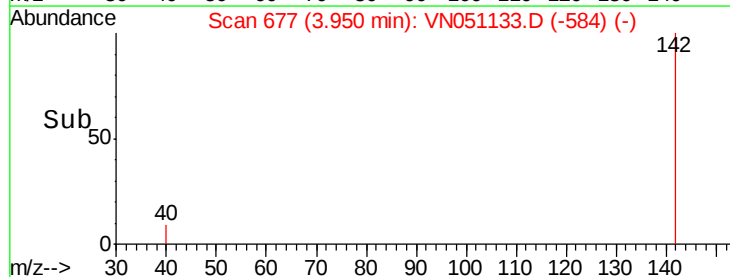
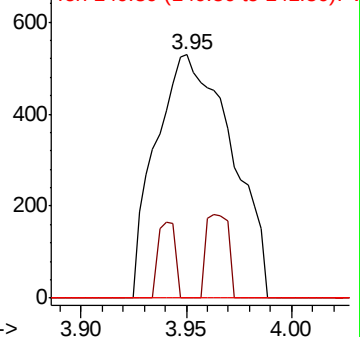
142 100

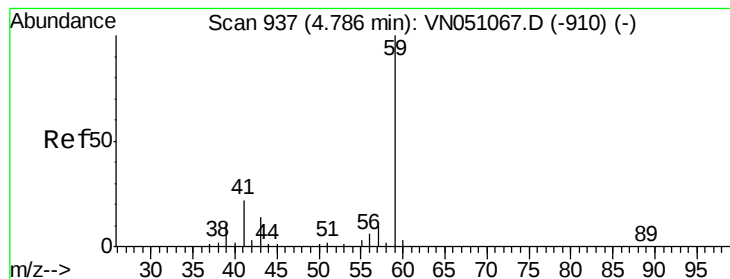
127 7.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051133.D (-584) (-)



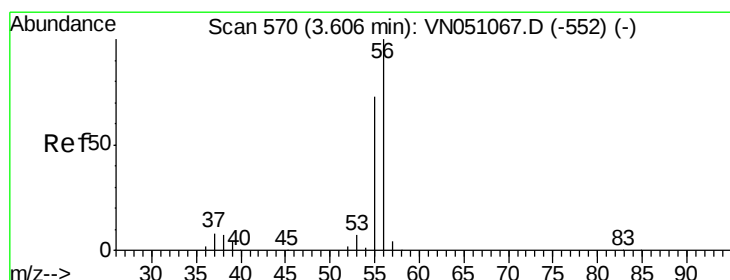
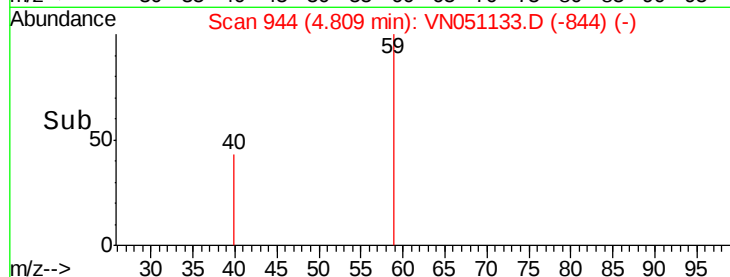
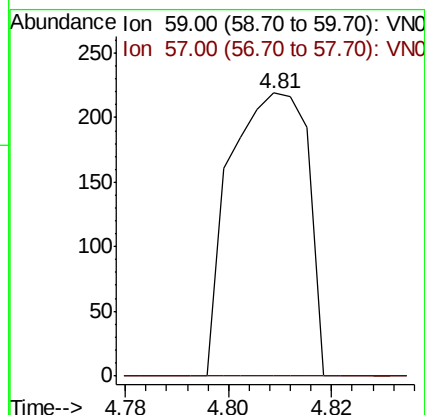
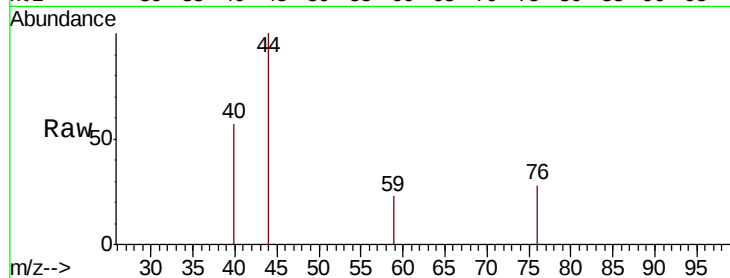


#11

Tert butyl alcohol
 Concen: 0.38 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.02 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

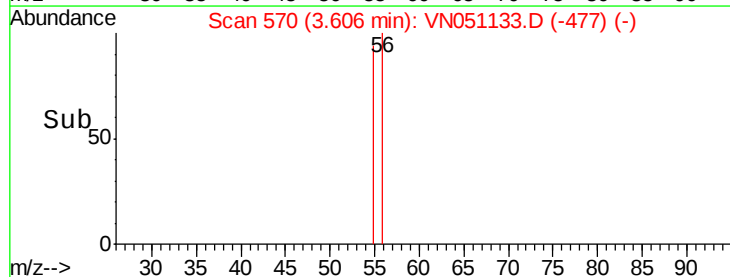
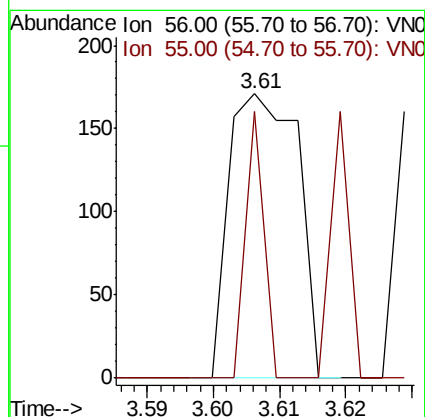
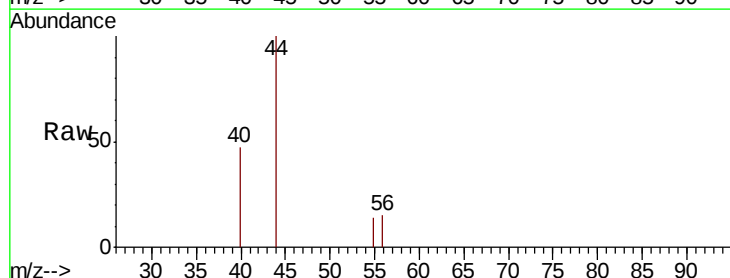
Tot Ion: 59 Resp: 228
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

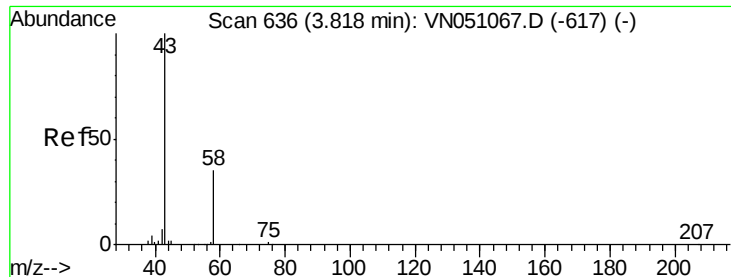


#13

Acrolein
 Concen: 24.43 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion: 56 Resp: 123
 Ion Ratio Lower Upper
 56 100
 55 25.2 58.0 87.0#





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

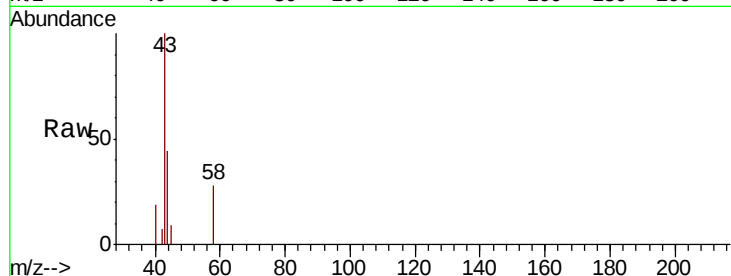
EP1-MW-H

Tot Ion: 43 Resp: 7060

Ion Ratio Lower Upper

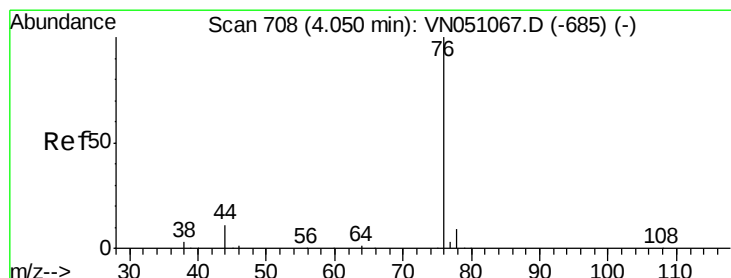
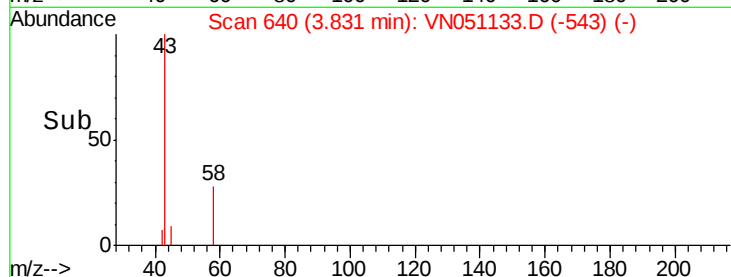
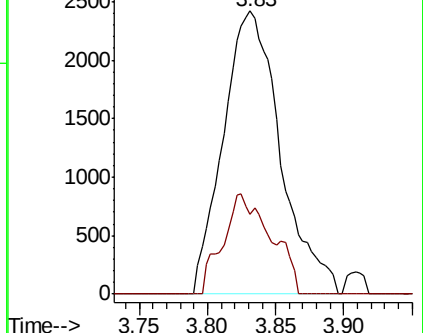
43 100

58 28.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)



#17

Carbon Disulfide

Concen: 0.58 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051133.D

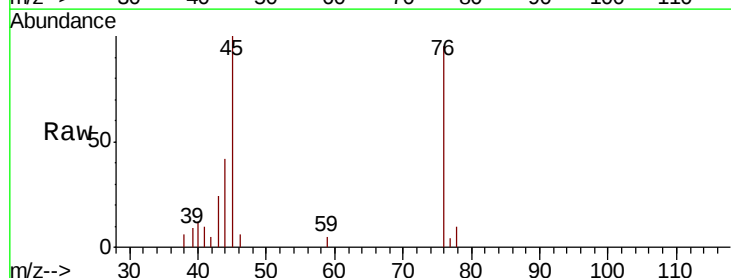
Acq: 11 Sep 2018 17:40

Tgt Ion: 76 Resp: 10460

Ion Ratio Lower Upper

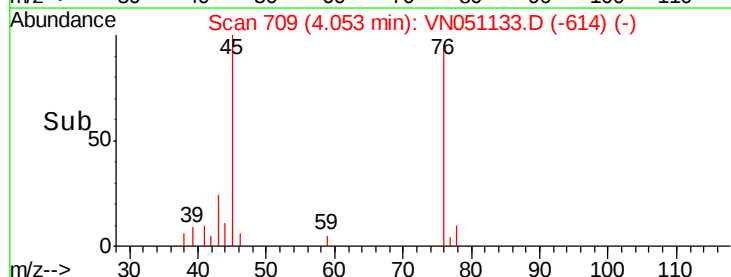
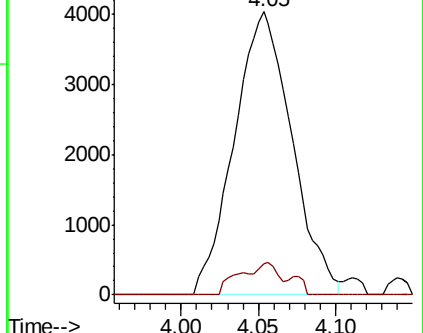
76 100

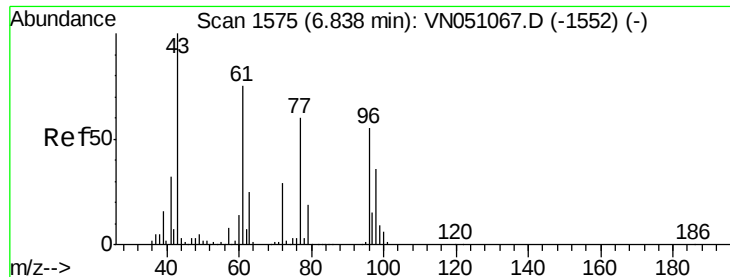
78 11.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)

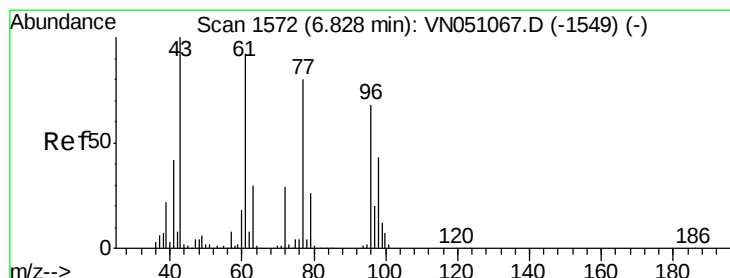
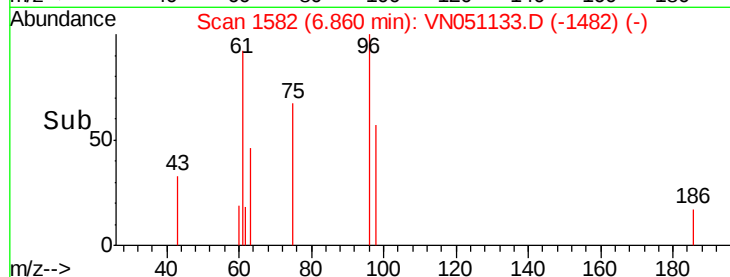
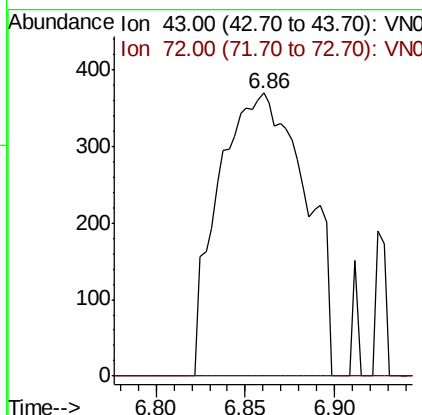
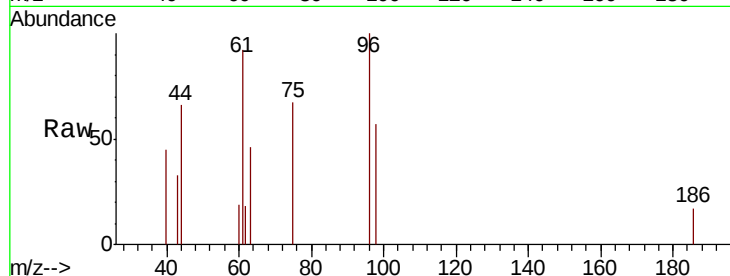




#25
 2-Butanone
 Concen: 0.40 ug/l
 RT: 6.86 min Scan# 1582
 Delta R.T. 0.02 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

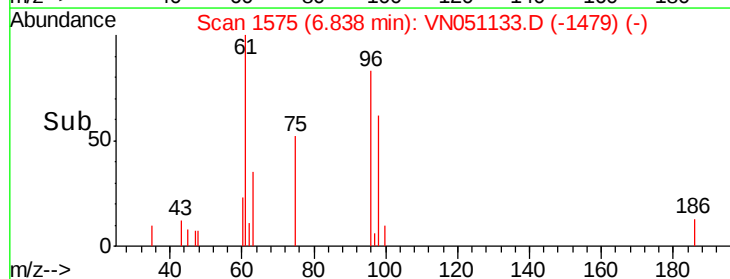
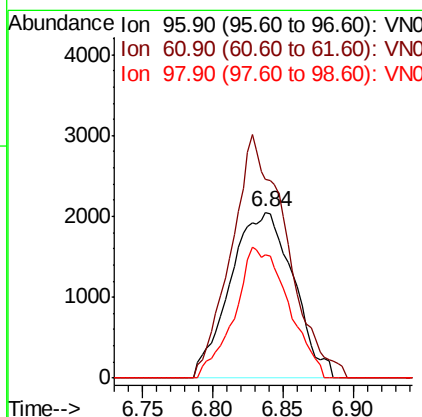
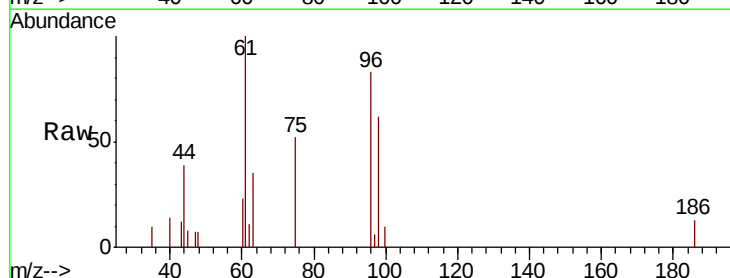
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-H

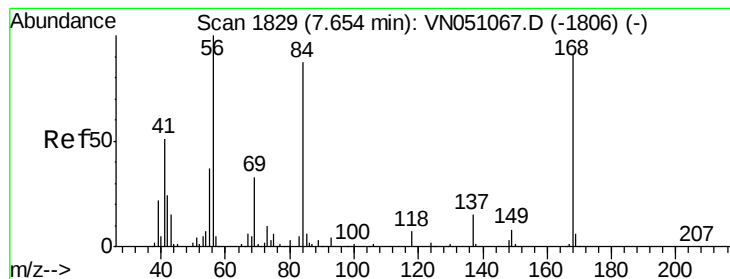
Tot Ion: 43 Resp: 1245
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.0 34.6#



#27
 cis-1,2-Dichloroethene
 Concen: 0.71 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion: 96 Resp: 6394
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 278.2
 98 67.2 0.0 129.4





#31

Cvclohexane

Concen: 0.72 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

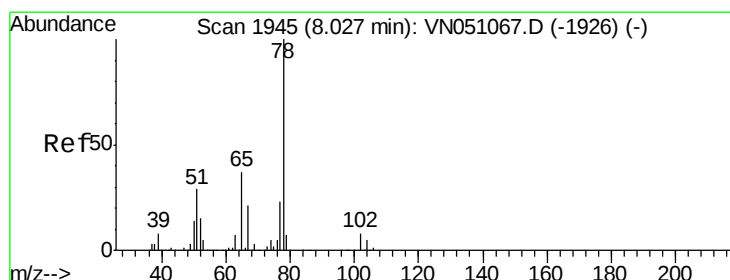
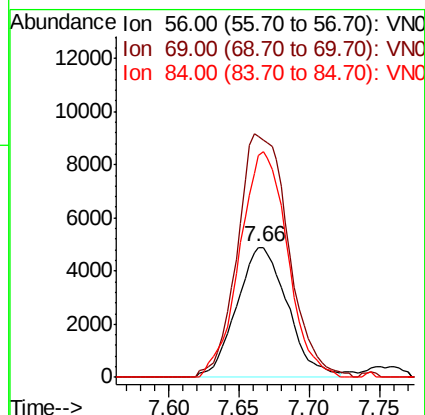
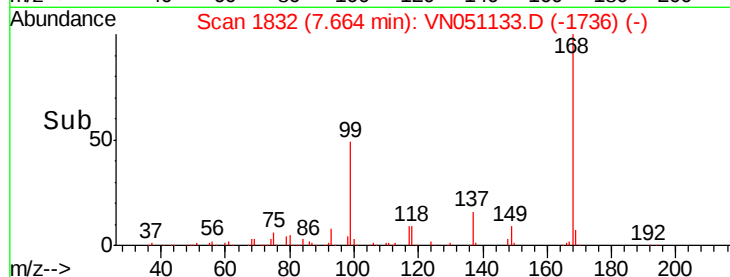
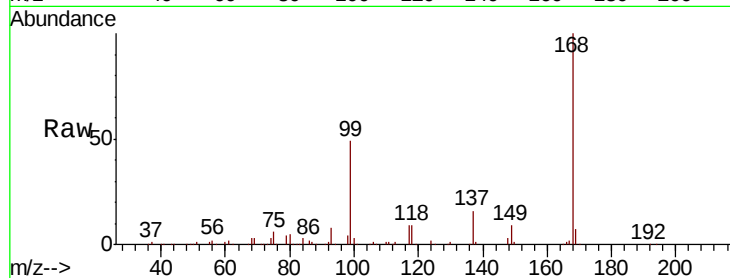
Tot Ion: 56 Resp: 12307

Ion Ratio Lower Upper

56 100

69 184.9 26.3 39.5#

84 170.2 69.4 104.0#



#33

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051133.D

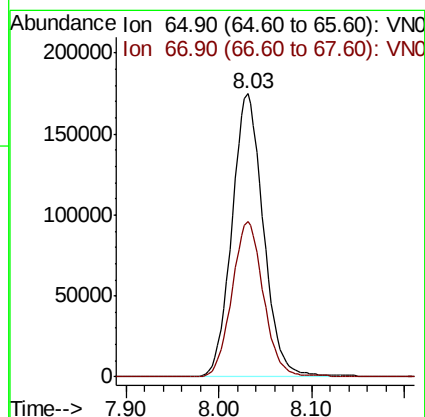
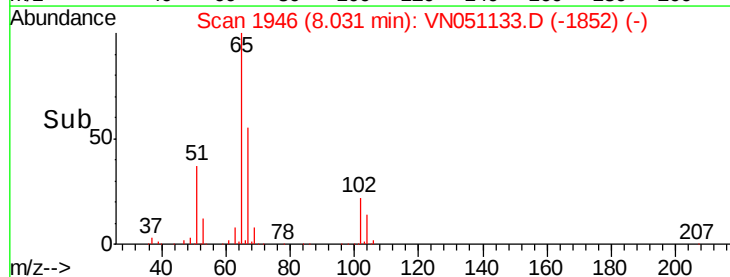
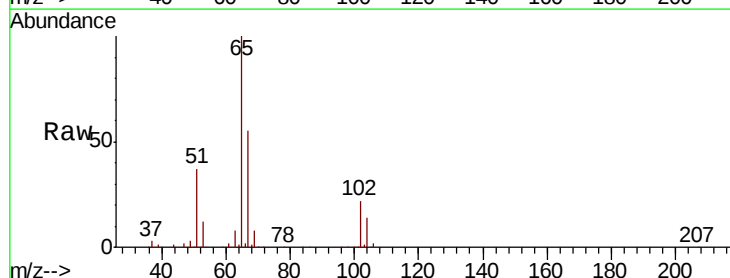
Acq: 11 Sep 2018 17:40

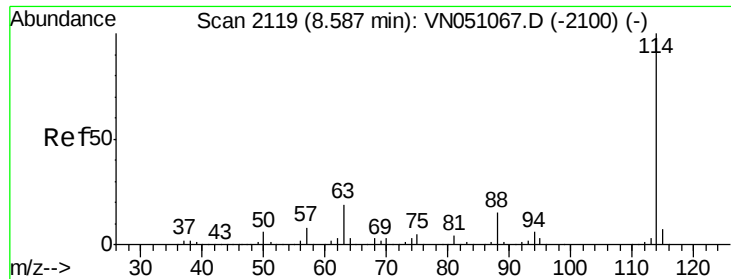
Tgt Ion: 65 Resp: 411576

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.0

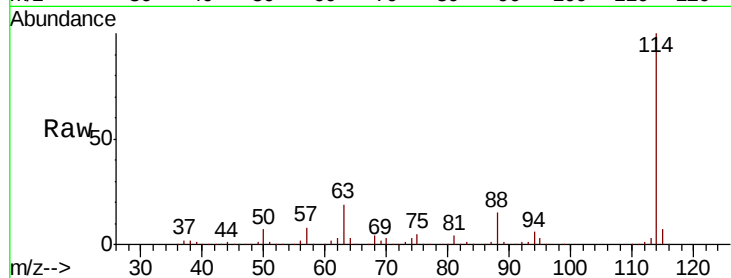




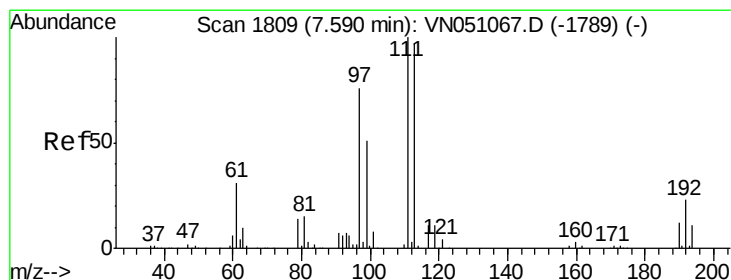
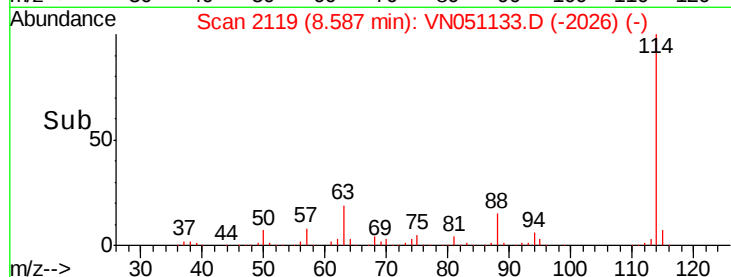
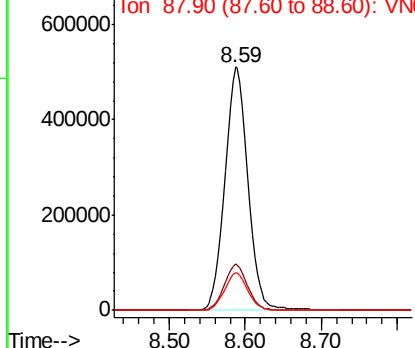
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

Tot Ion:114 Resp: 1079995
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.3 0.0 30.8

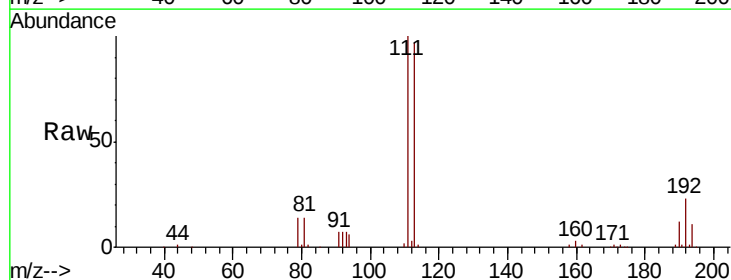


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

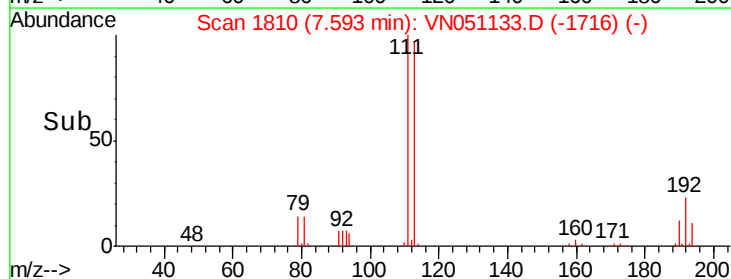
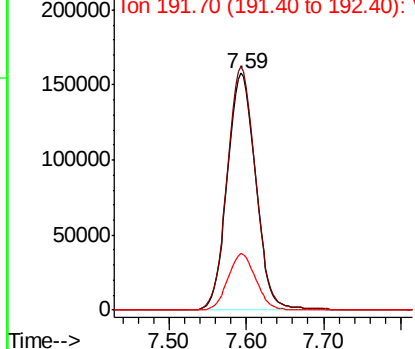


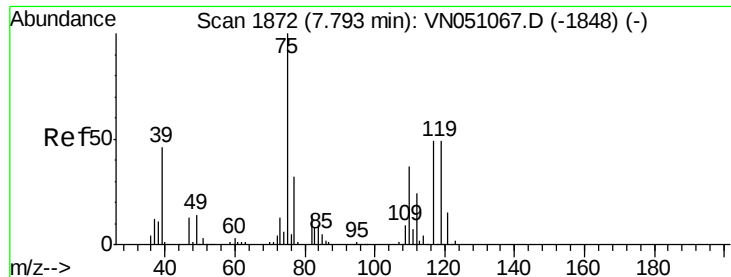
#35
 Dibromofluoromethane
 Concen: 49.53 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion:113 Resp: 401954
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.6
 192 23.1 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

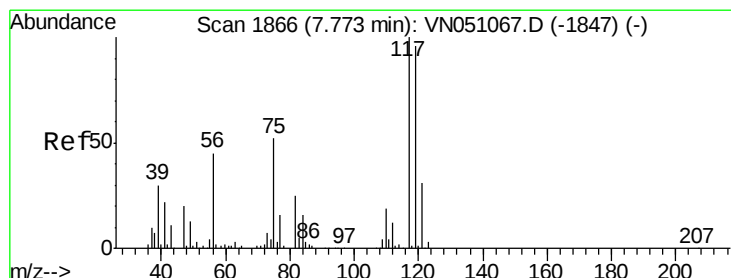
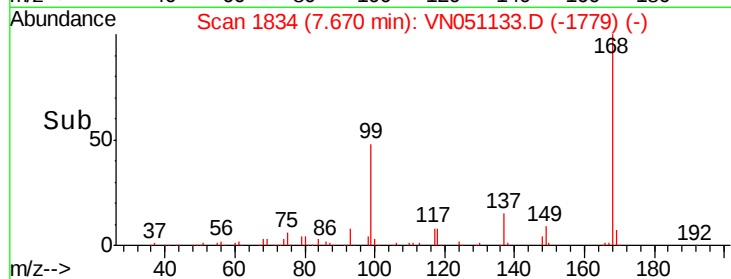
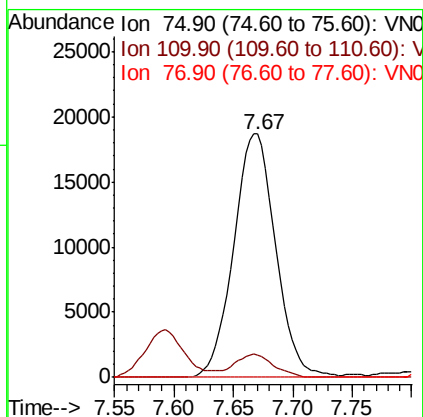
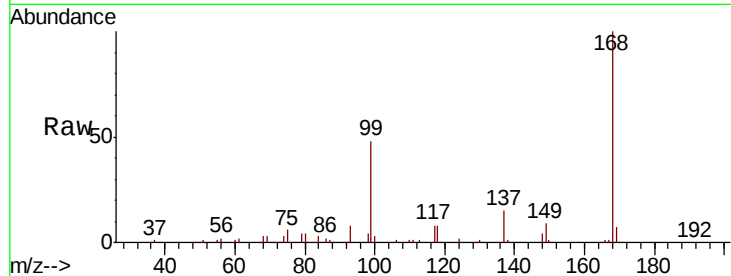




#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

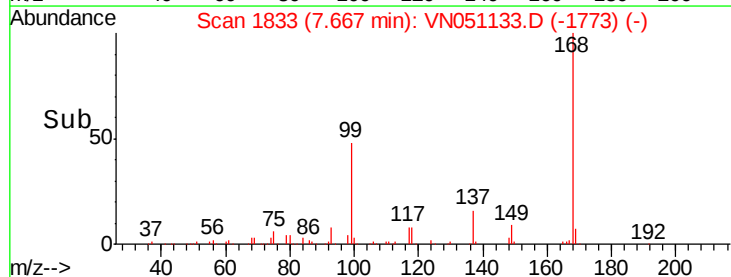
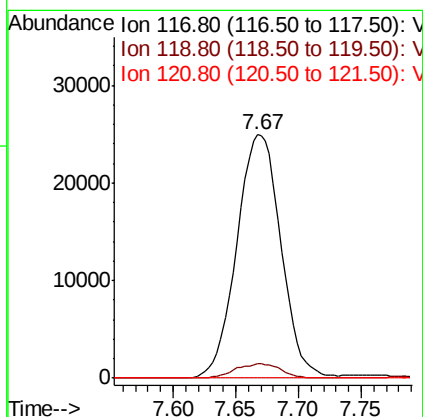
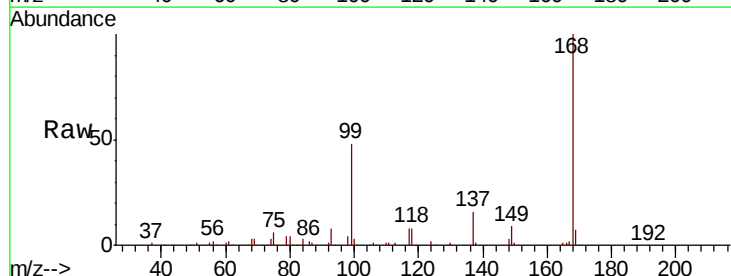
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-H

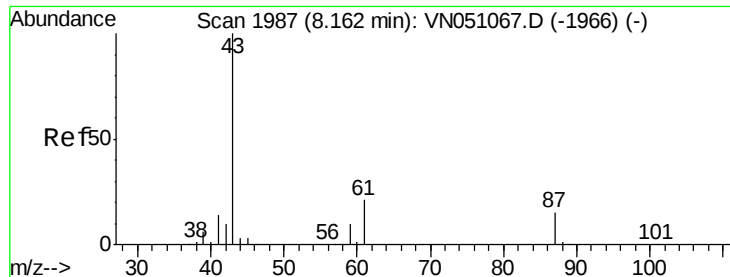
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.23 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.8	115.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.39 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.09 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

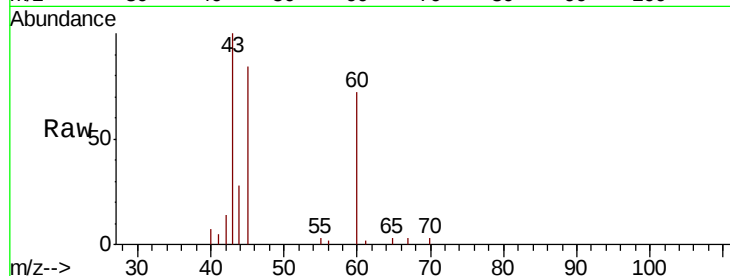
Tot Ion: 43 Resp: 16802

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

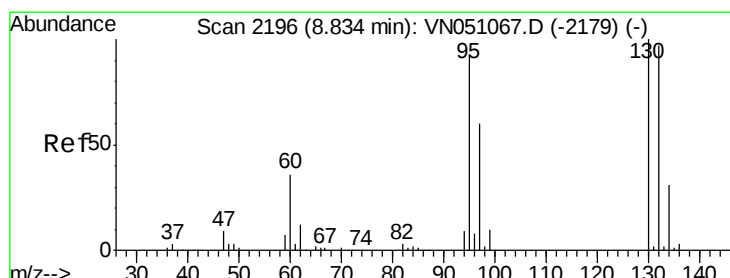
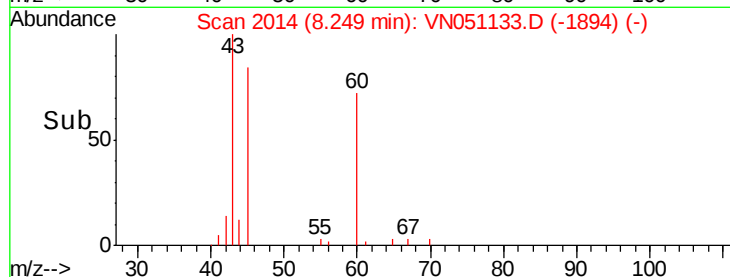
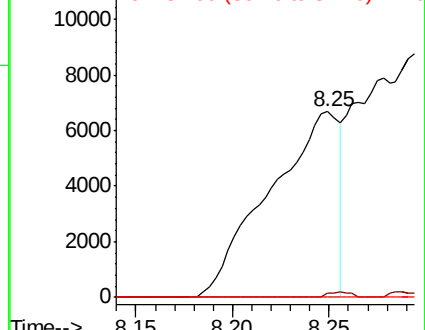
87 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051133.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN051133.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN051133.D (-2014) (-)



#44

Trichloroethene

Concen: 0.33 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN051133.D

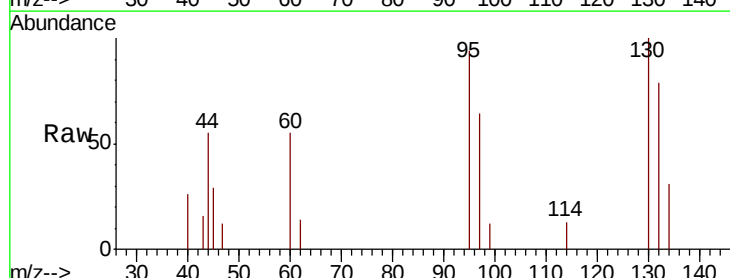
Acq: 11 Sep 2018 17:40

Tgt Ion:130 Resp: 3211

Ion Ratio Lower Upper

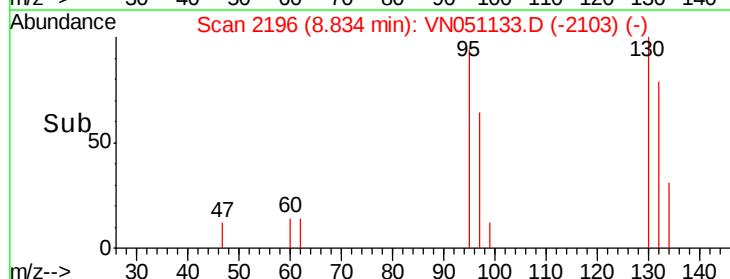
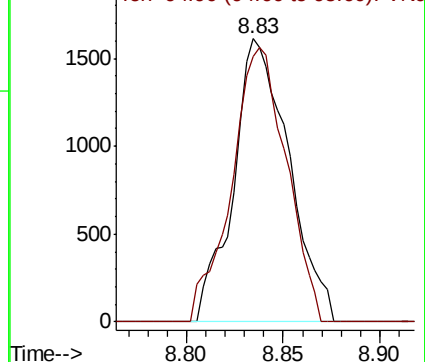
130 100

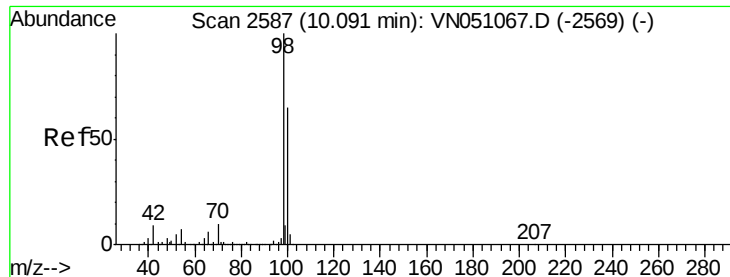
95 94.0 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051133.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN051133.D (-2196) (-)





#50

Toluene-d8

Concen: 48.77 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

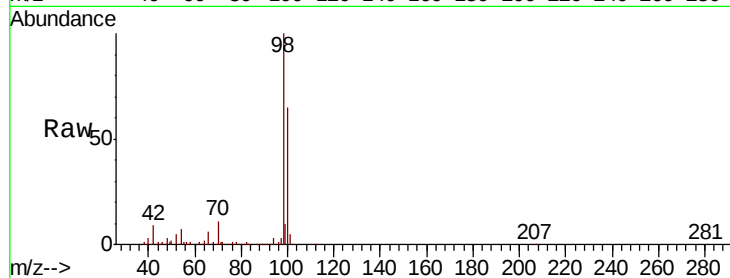
EP1-MW-H

Tot Ion: 98 Resp: 1501944

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051067.D (-2569) (-)

10.09

800000

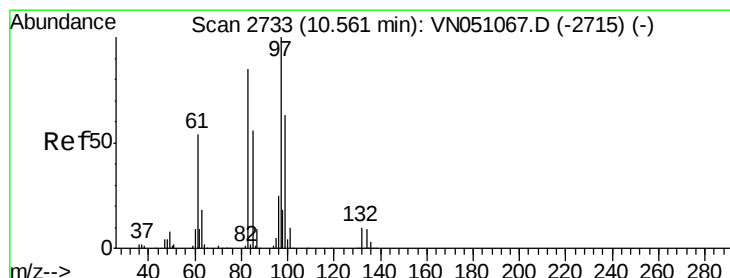
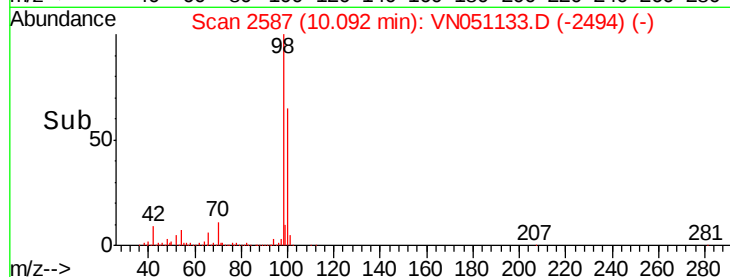
600000

400000

200000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.84 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Tgt Ion: 97 Resp: 6676

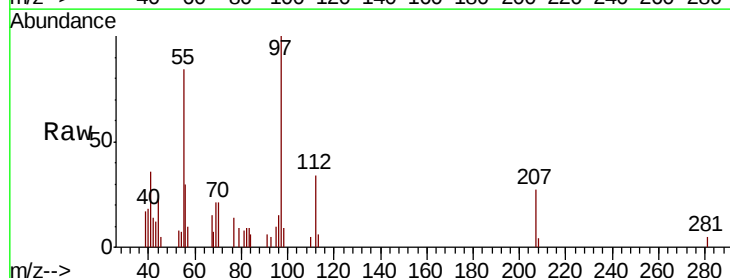
Ion Ratio Lower Upper

97 100

83 9.0 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): VN051067.D (-2715) (-)

Ion 82.90 (82.60 to 83.60): VN051067.D (-2715) (-)

Ion 84.90 (84.60 to 85.60): VN051067.D (-2715) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-2715) (-)

5000

4000

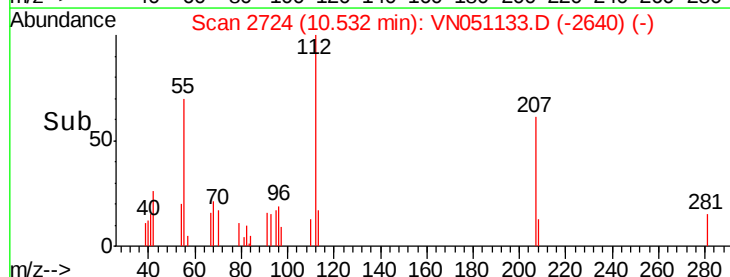
3000

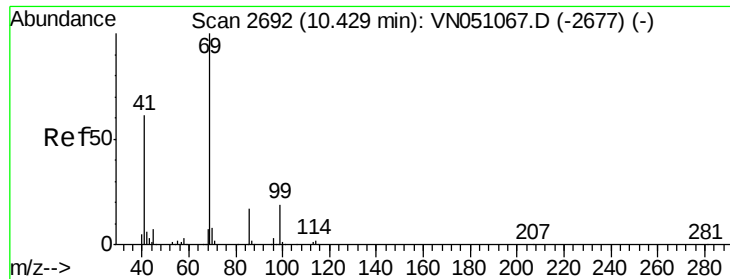
2000

1000

0

Time-->





#56

Ethyl methacrylate

Concen: 2.86 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-H

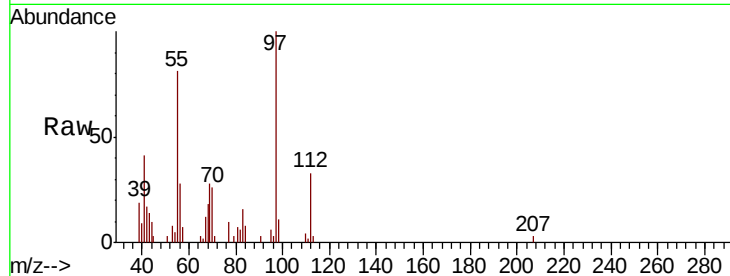
Tot Ion: 69 Resp: 4575

Ion Ratio Lower Upper

69 100

41 131.8 47.8 71.8#

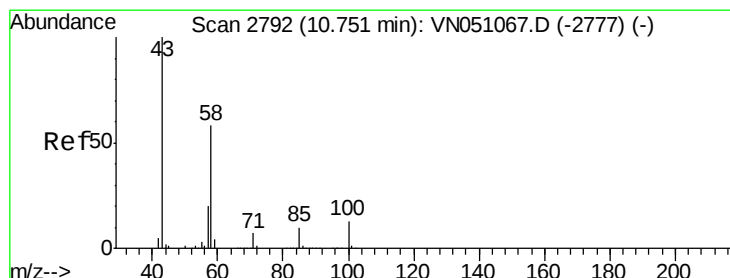
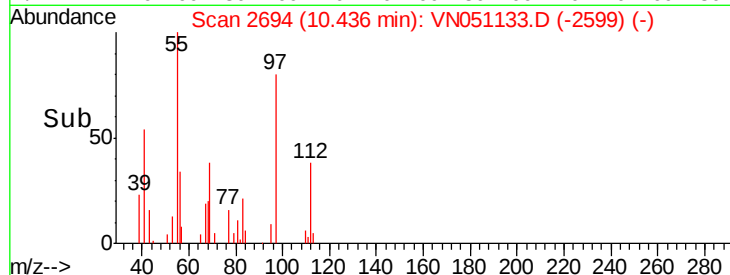
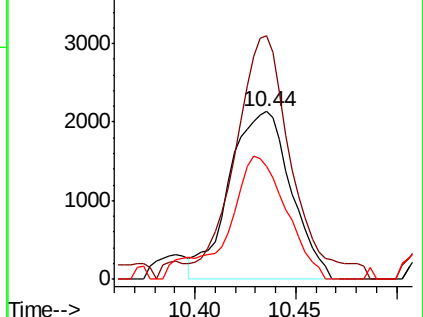
39 69.5 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 0.39 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN051133.D

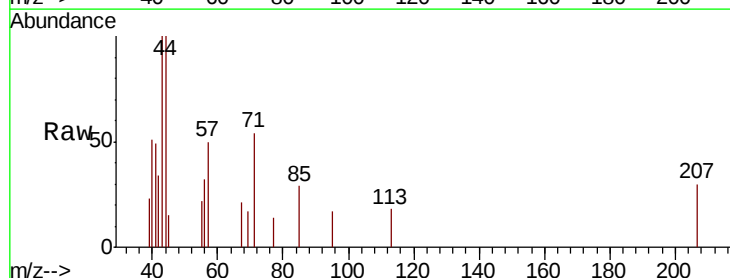
Acq: 11 Sep 2018 17:40

Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

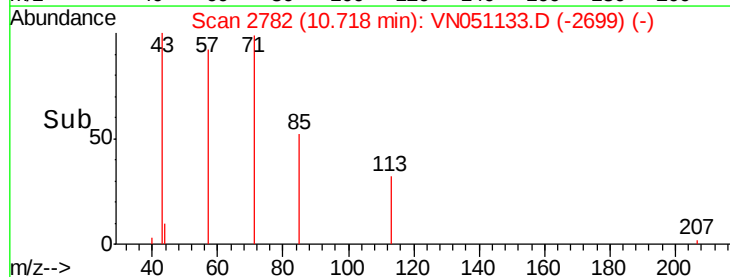
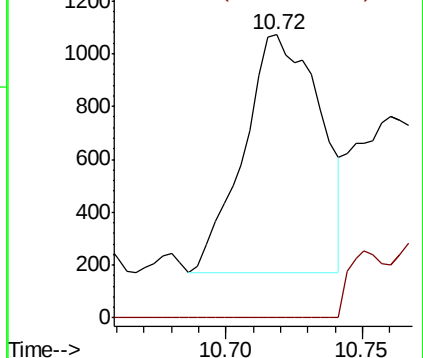
43 100

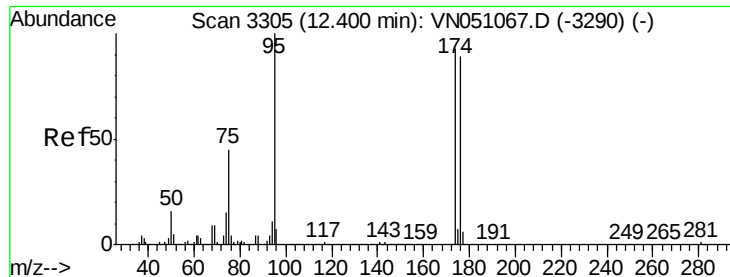
58 0.0 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.23 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

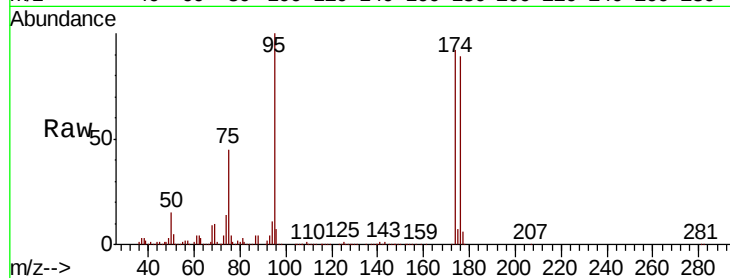
Tot Ion: 95 Resp: 481137

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.8

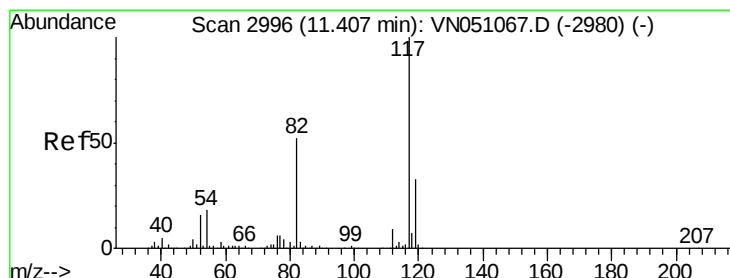
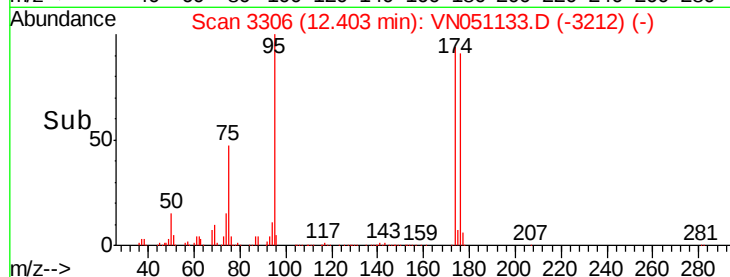
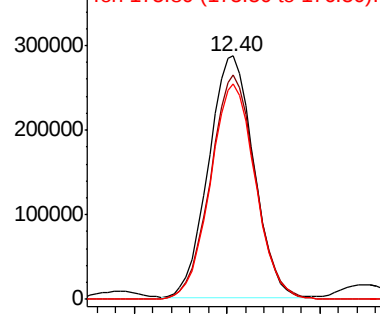
176 89.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

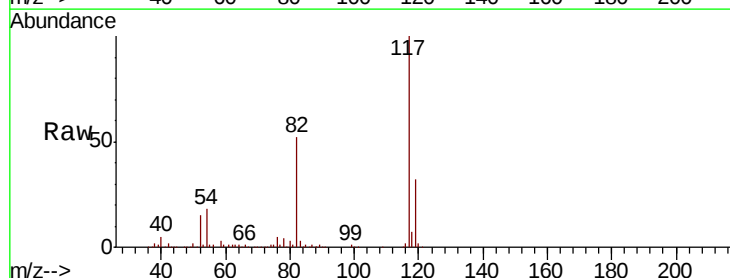
Tgt Ion: 117 Resp: 959115

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.6

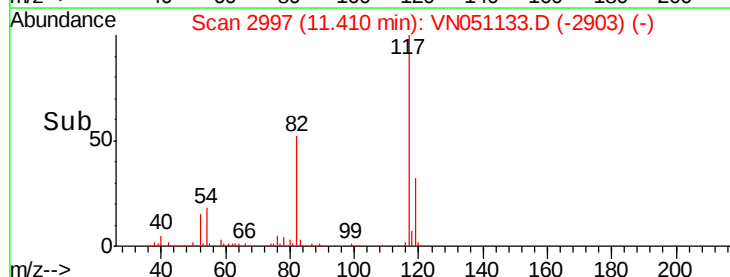
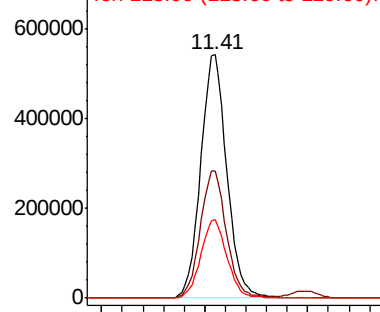
119 32.1 26.2 39.2

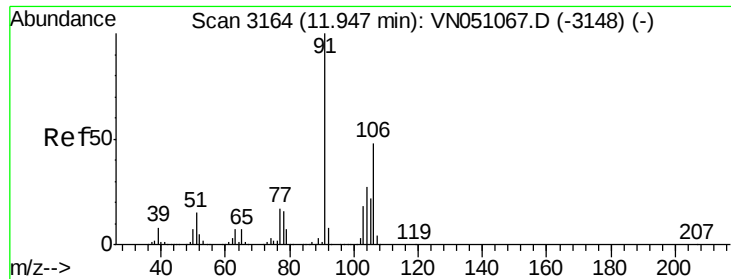


Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051067.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051067.D (-2980) (-)

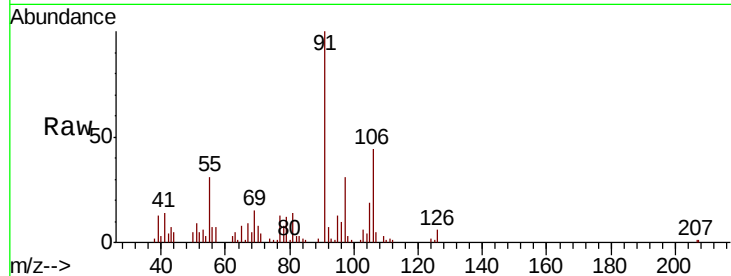




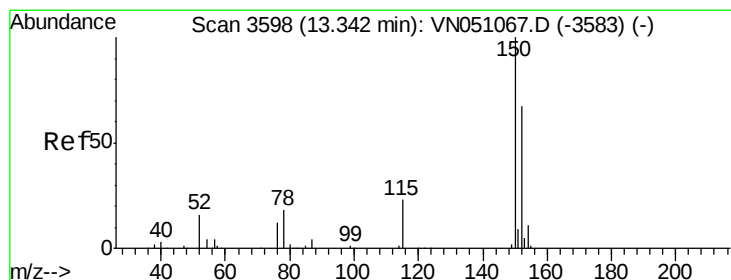
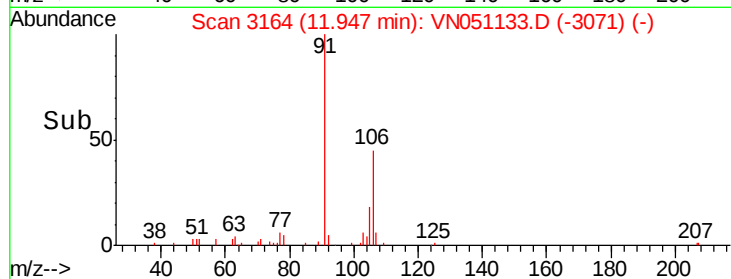
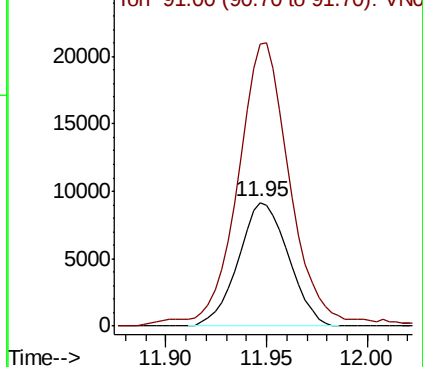
#69
o-Xylene
Concen: 1.09 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-H

Tot Ion:106 Resp: 15904
Ion Ratio Lower Upper
106 100
91 243.1 105.1 315.1

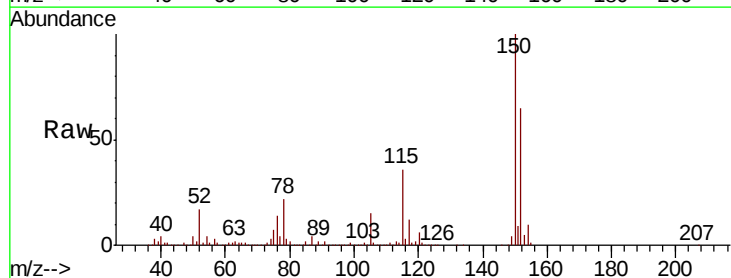


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

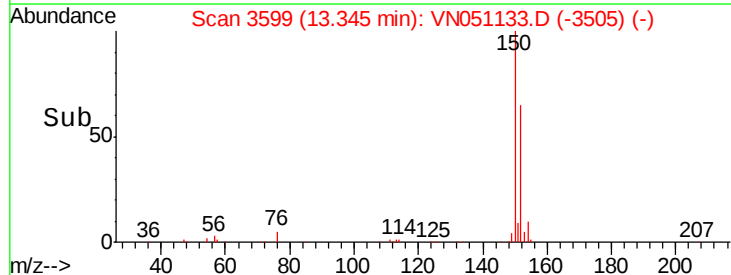
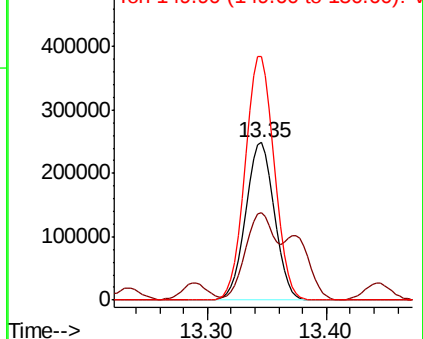


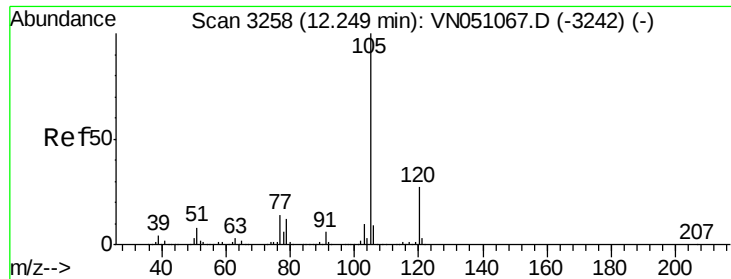
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Tgt Ion:152 Resp: 417117
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.0 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: 15.76 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

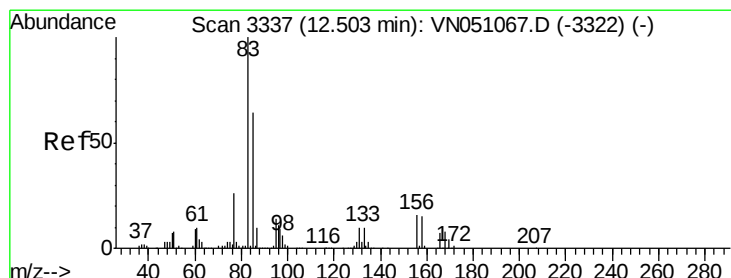
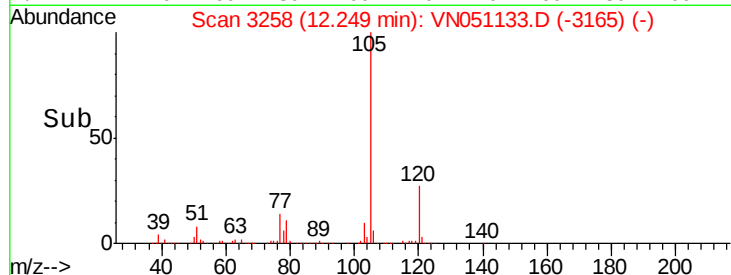
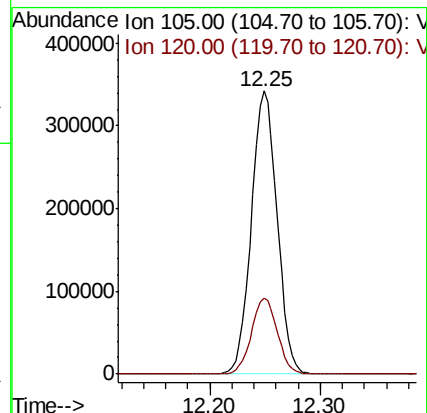
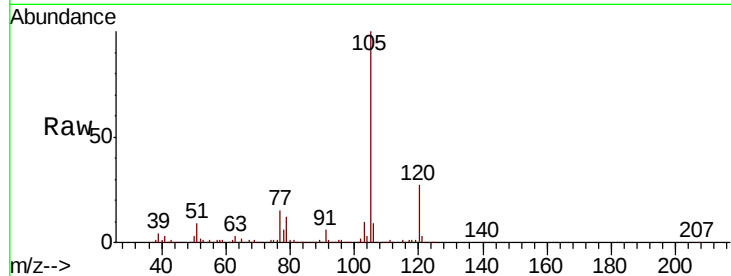
EP1-MW-H

Tot Ion:105 Resp: 551360

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

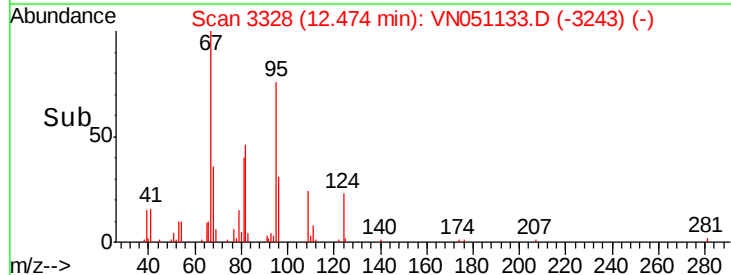
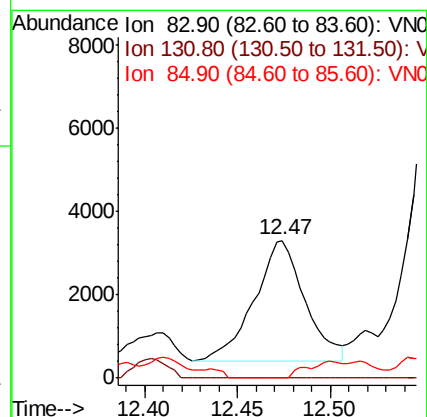
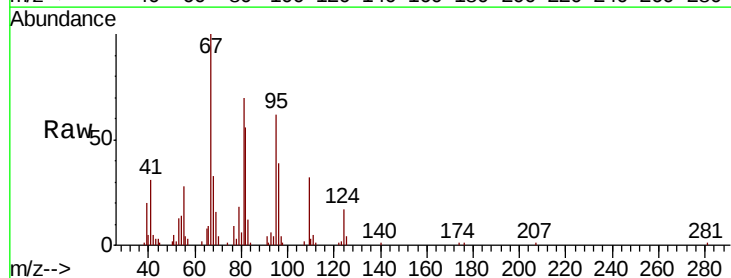
Tgt Ion: 83 Resp: 5449

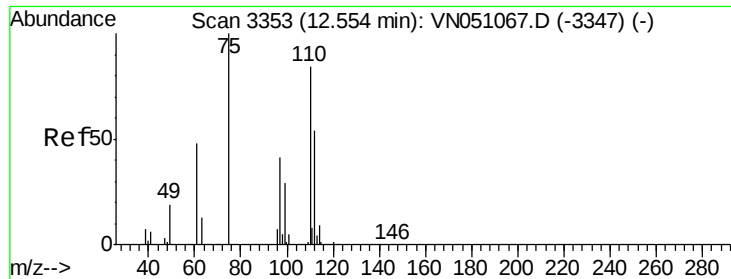
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 33.93 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

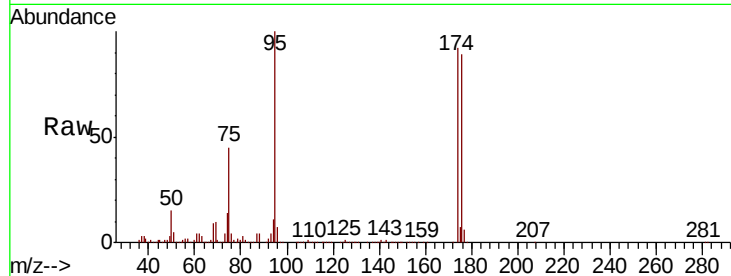
EP1-MW-H

Tot Ion: 75 Resp: 222516

Ion Ratio Lower Upper

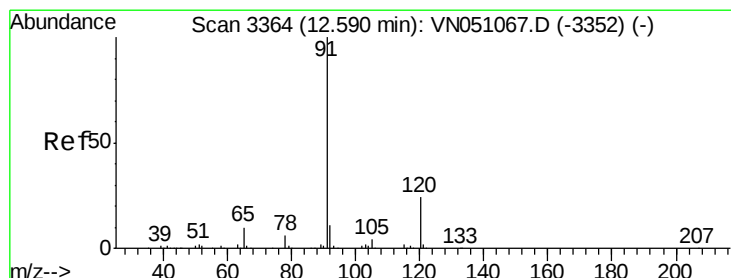
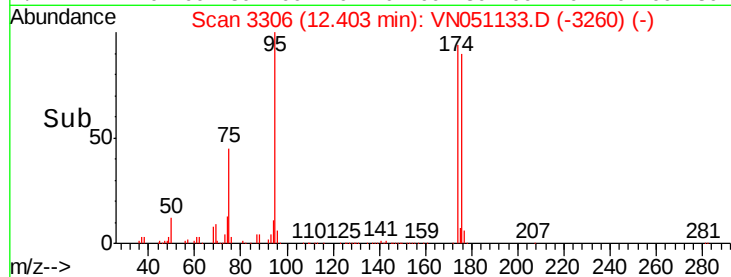
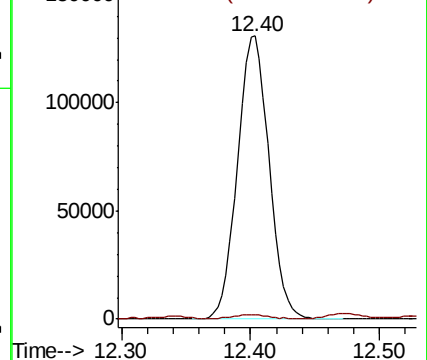
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 27.43 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051133.D

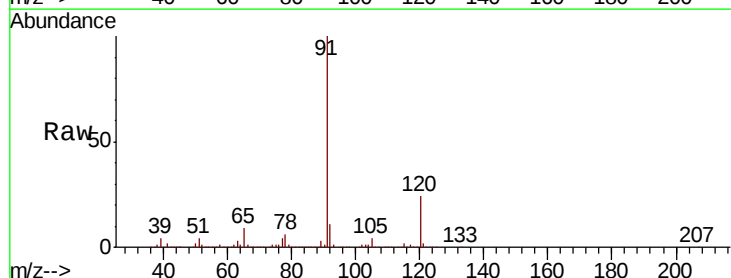
Acq: 11 Sep 2018 17:40

Tgt Ion: 91 Resp: 1054502

Ion Ratio Lower Upper

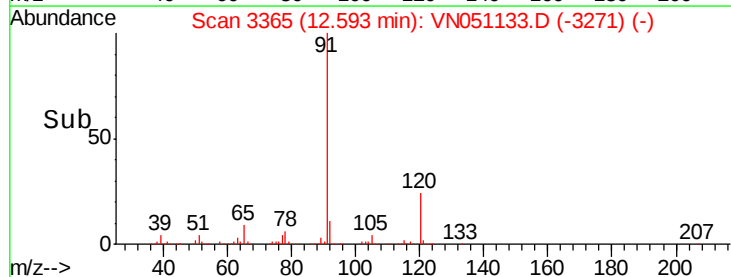
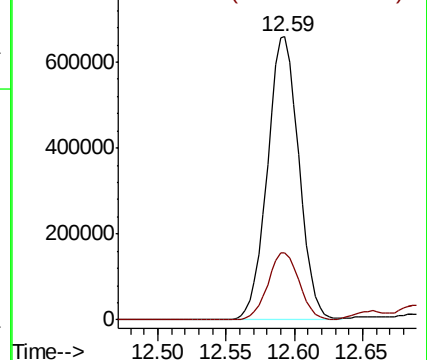
91 100

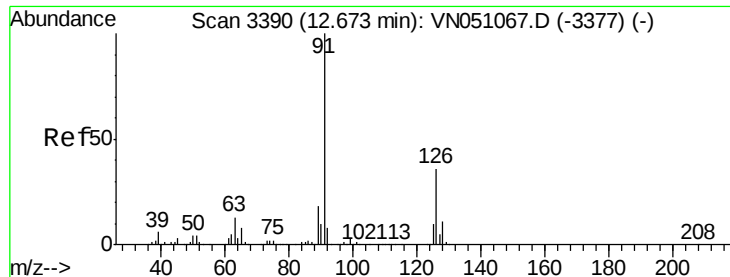
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

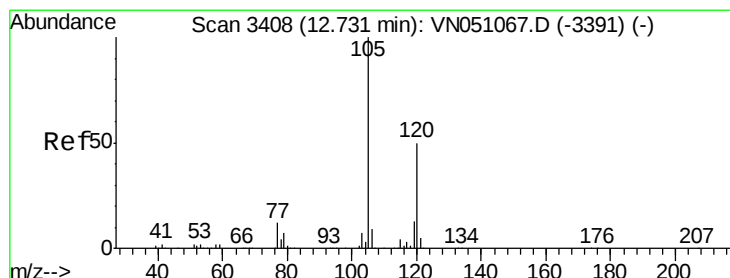
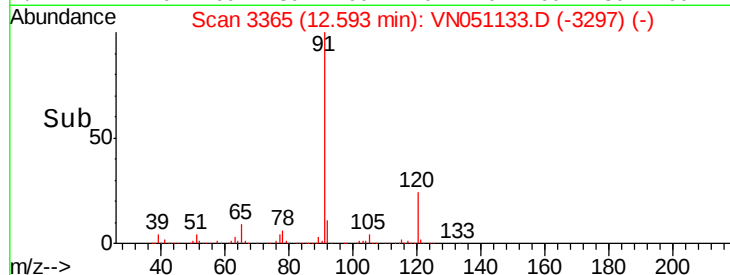
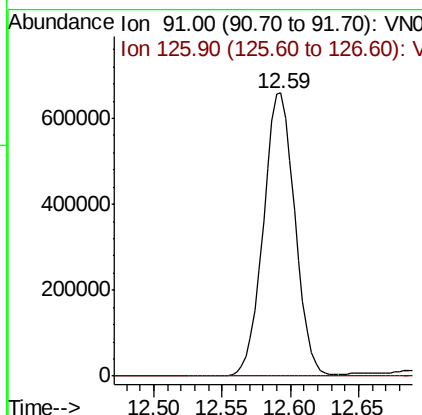
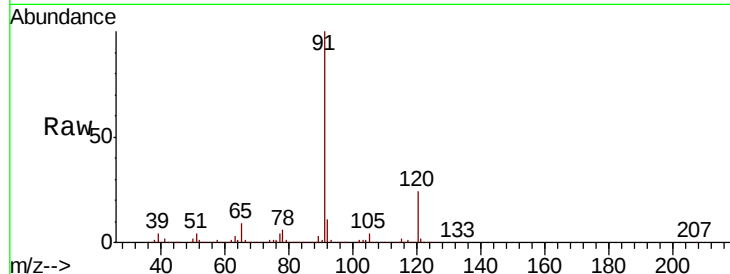




#79
 2-Chlorotoluene
 Concen: 43.88 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

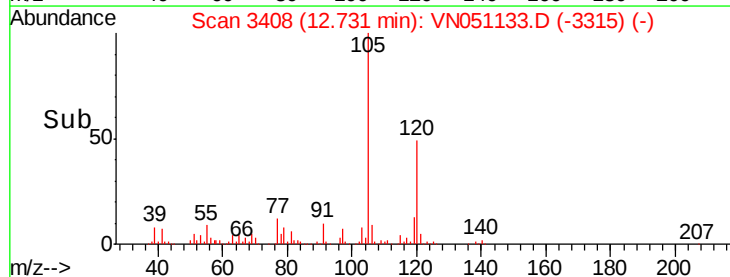
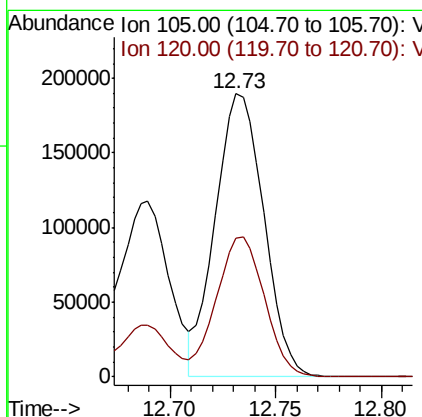
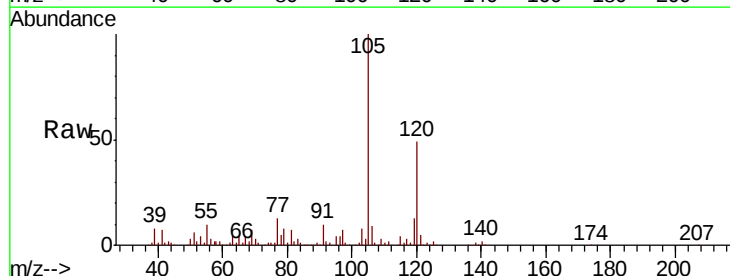
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

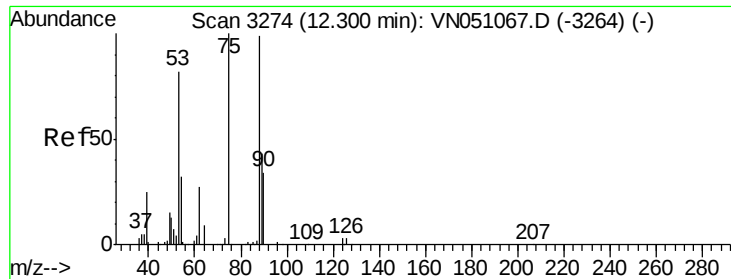
Tot Ion: 91 Resp: 1054502
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 10.66 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion:105 Resp: 301365
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 101.31 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-H

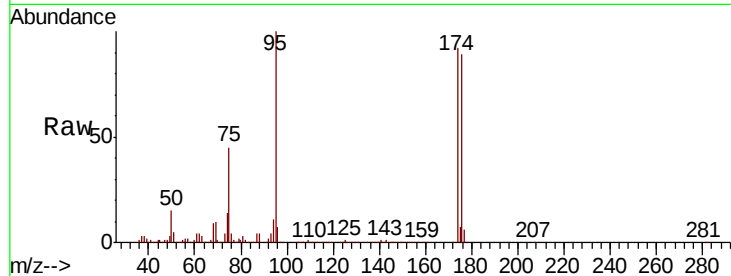
Tot Ion: 75 Resp: 222516

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

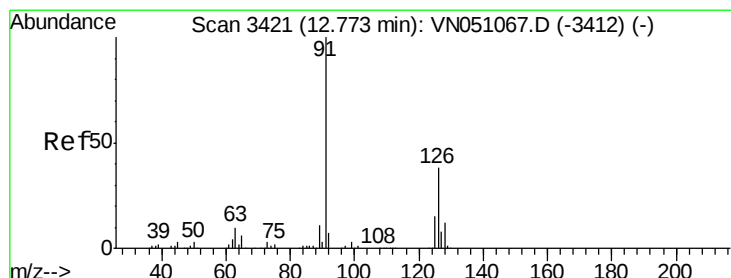
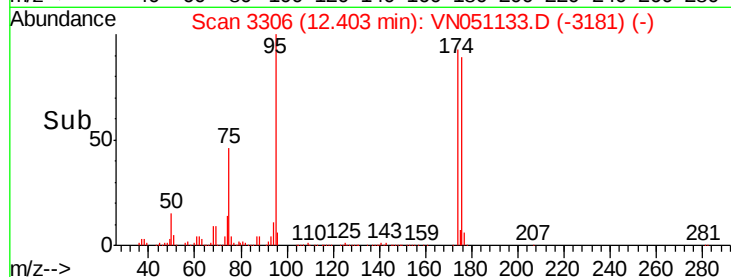
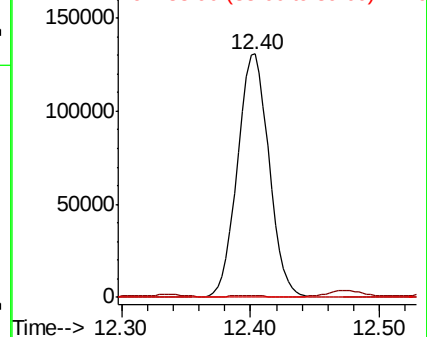
89 0.0 36.0 54.0#



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: 44.23 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN051133.D

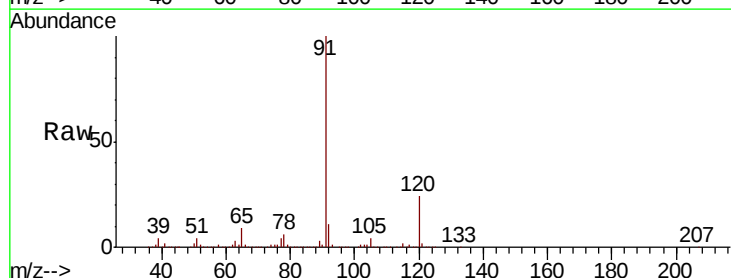
Acq: 11 Sep 2018 17:40

Tgt Ion: 91 Resp: 1055095

Ion Ratio Lower Upper

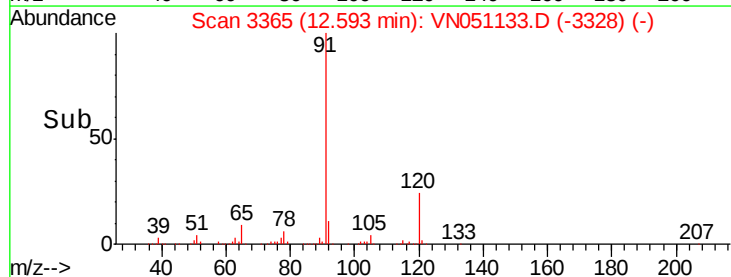
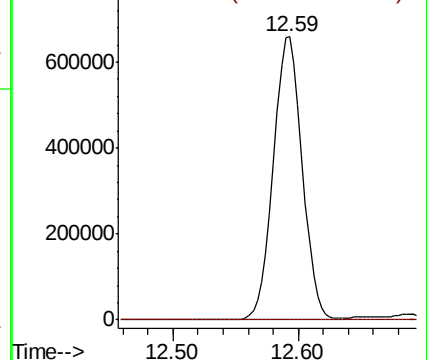
91 100

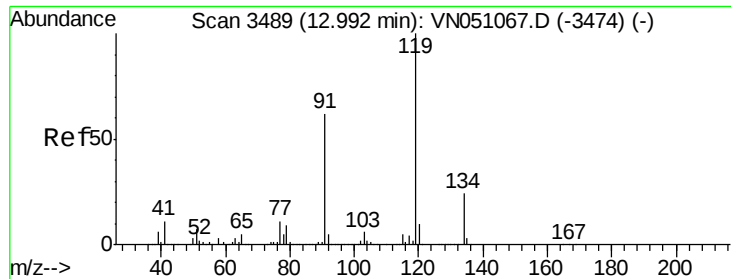
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 14.18 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

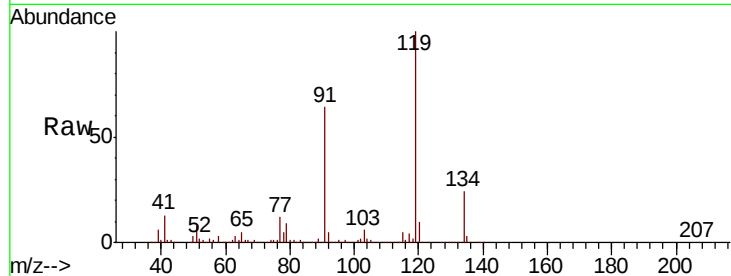
Tot Ion:119 Resp: 354115

Ion Ratio Lower Upper

119 100

91 65.4 30.8 92.3

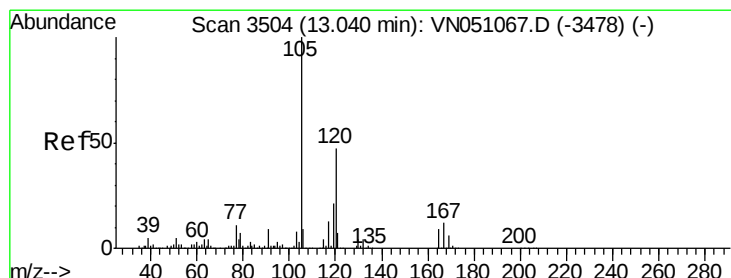
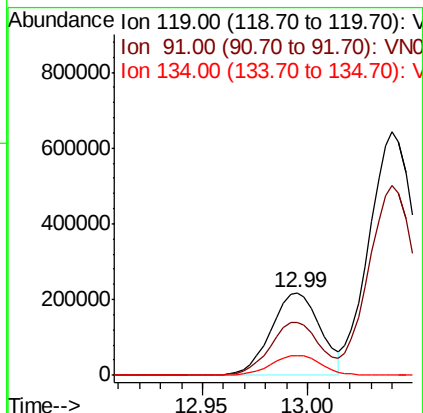
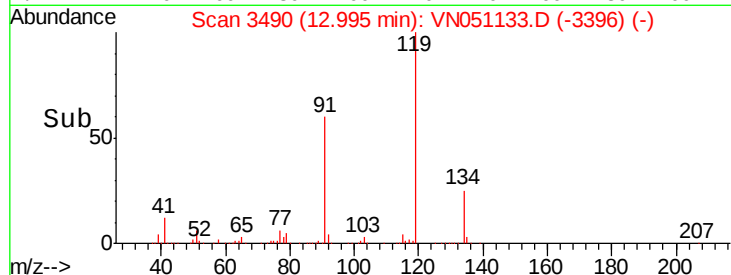
134 24.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 288.97 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051133.D

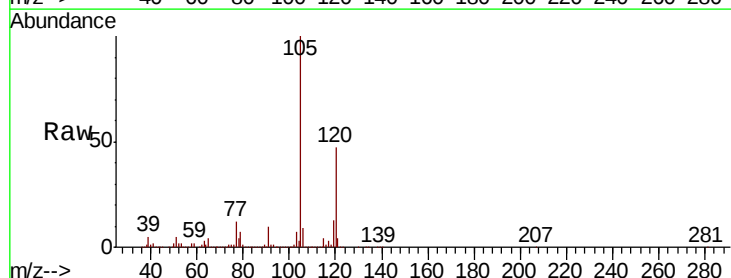
Acq: 11 Sep 2018 17:40

Tgt Ion:105 Resp: 8035697

Ion Ratio Lower Upper

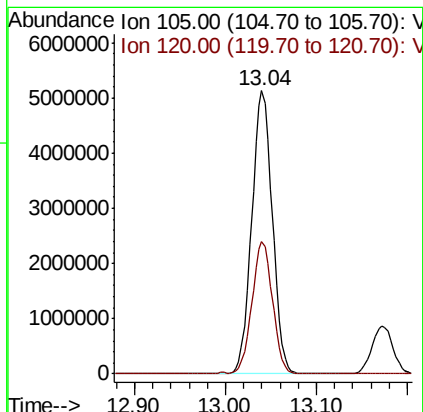
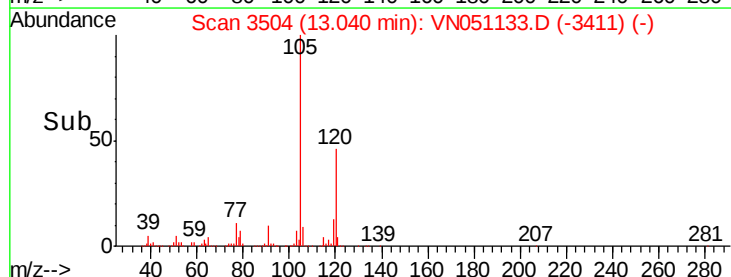
105 100

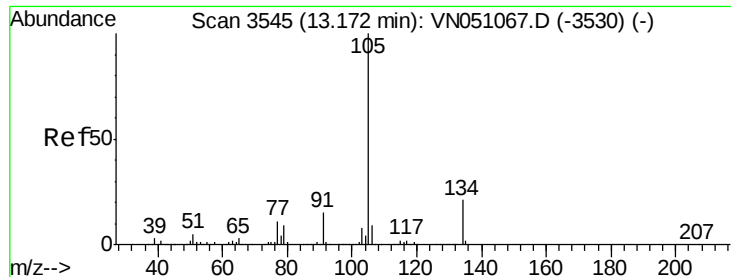
120 46.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 43.80 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

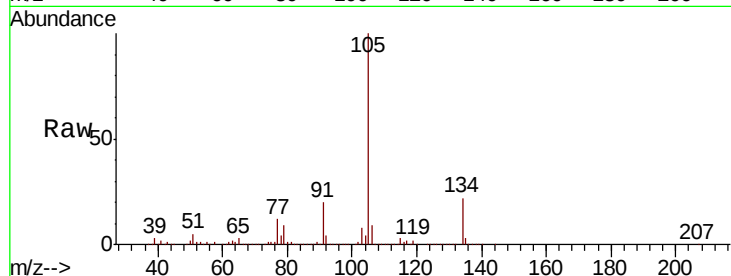
EP1-MW-H

Tot Ion:105 Resp: 1402509

Ion Ratio Lower Upper

105 100

134 28.9 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

800000

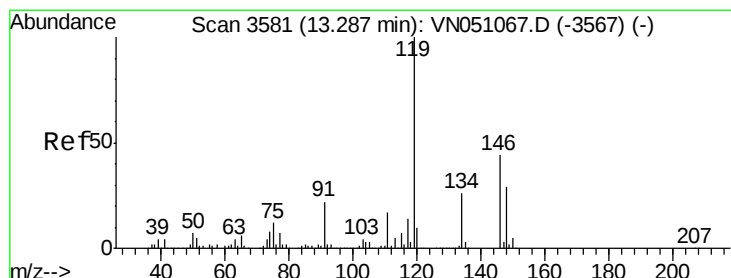
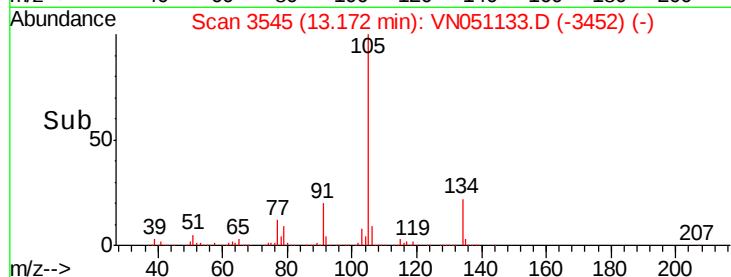
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.21 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

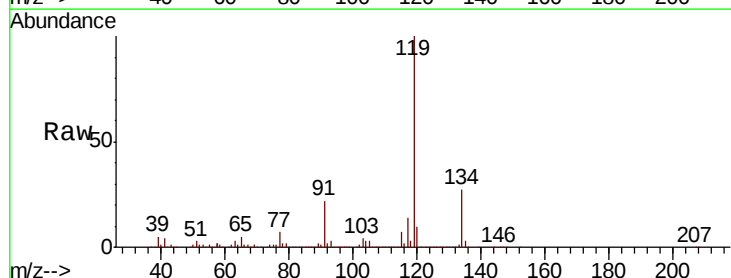
Tgt Ion:119 Resp: 548701

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 21.7 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

500000

400000

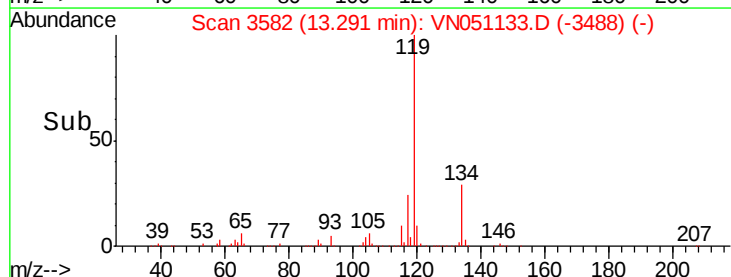
300000

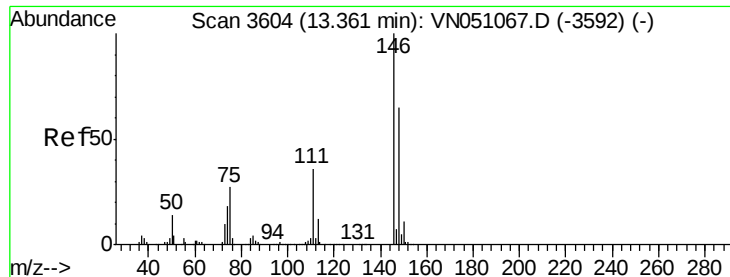
200000

100000

0

Time-->





#88

1,4-Dichlorobenzene

Concen: 0.28 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

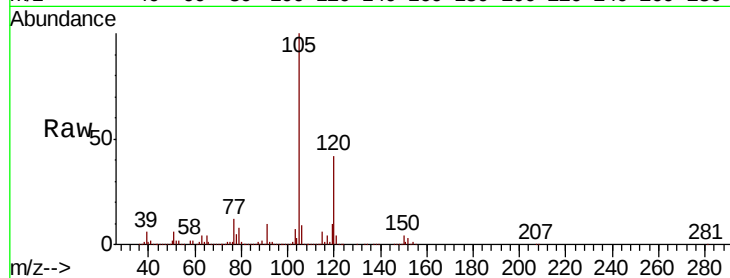
Tot Ion:146 Resp: 3854

Ion Ratio Lower Upper

146 100

111 193.7 18.4 55.0#

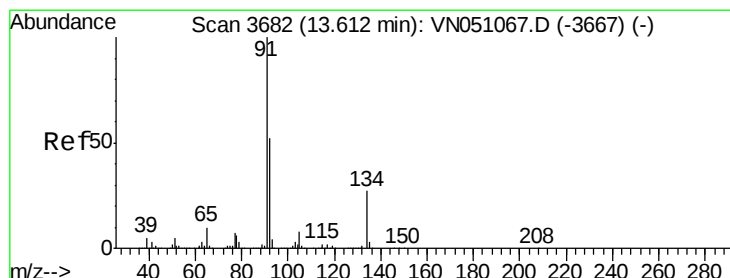
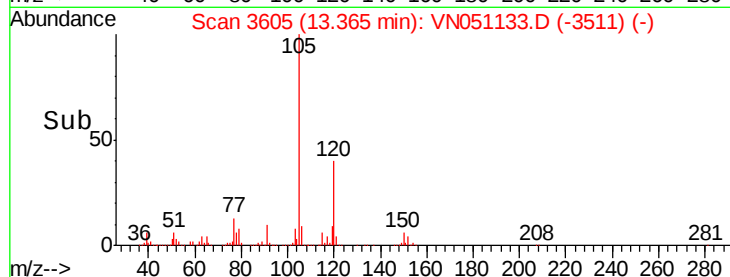
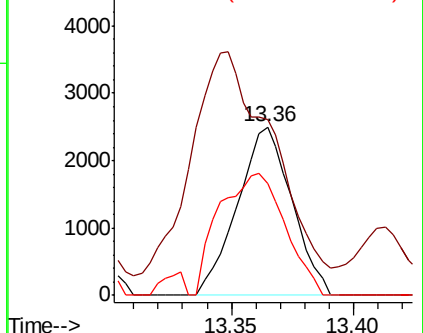
148 88.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 16.69 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

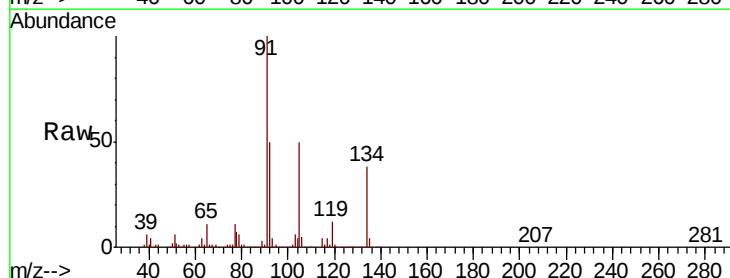
Tgt Ion: 91 Resp: 352725

Ion Ratio Lower Upper

91 100

92 41.9 26.2 78.6

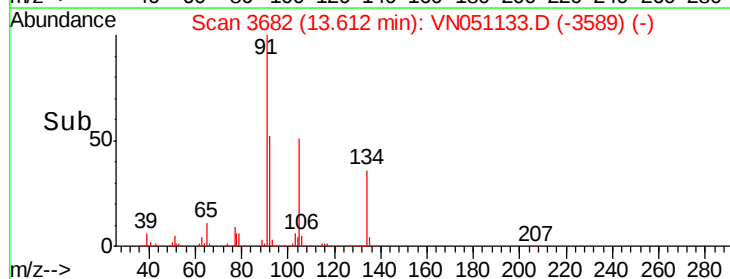
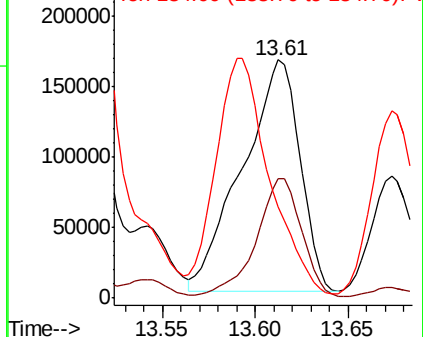
134 98.5 13.7 41.1#

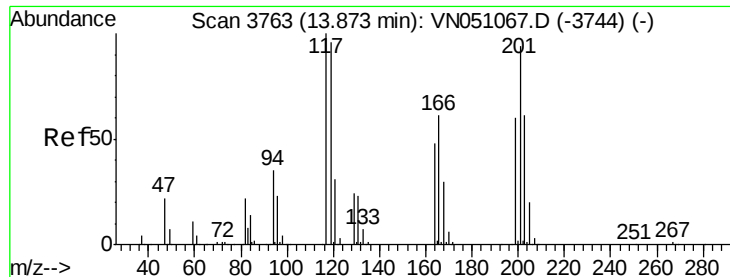


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 12.90 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

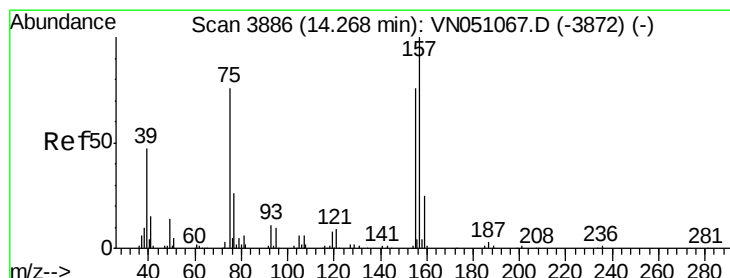
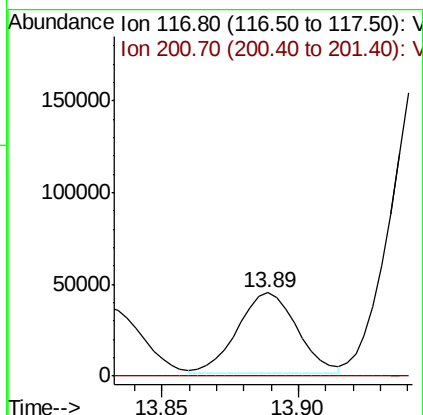
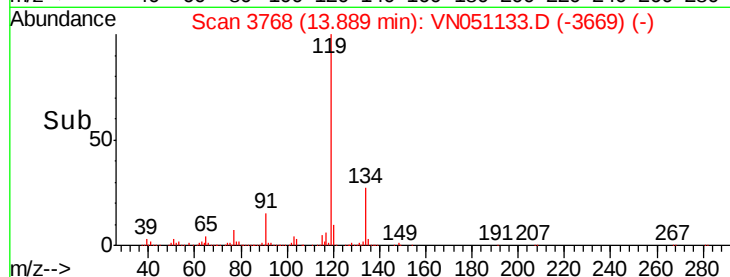
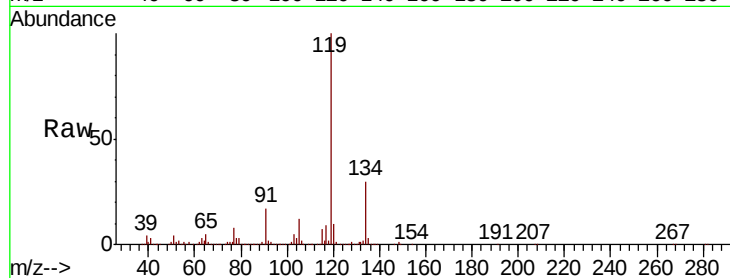
EP1-MW-H

Tot Ion:117 Resp: 66043

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.29 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

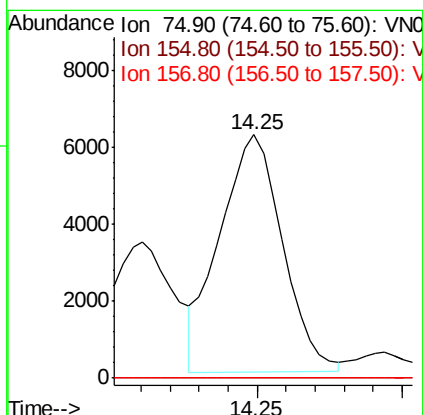
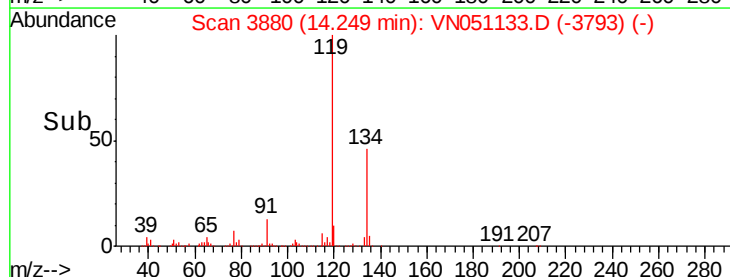
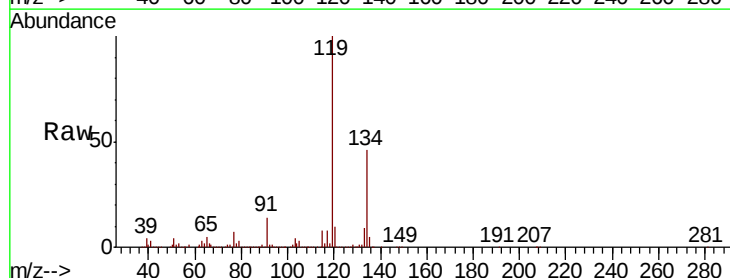
Tgt Ion: 75 Resp: 9247

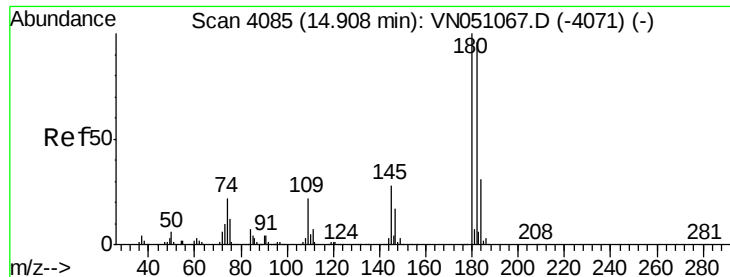
Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 63.6 190.9#

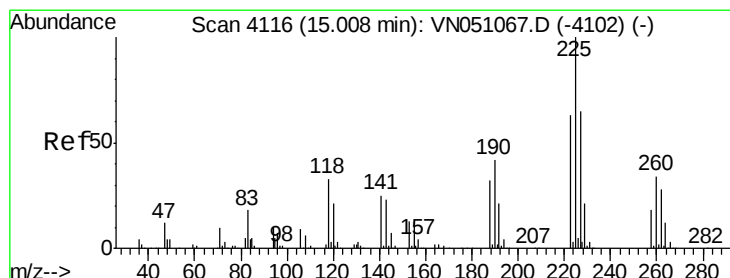
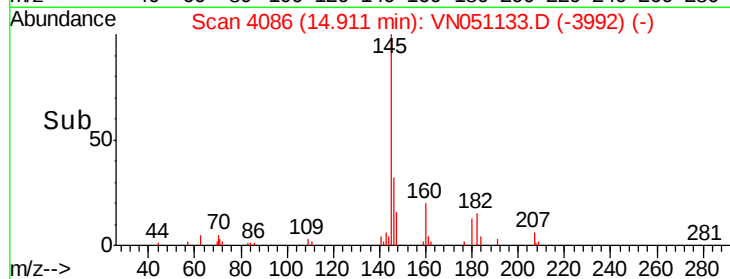
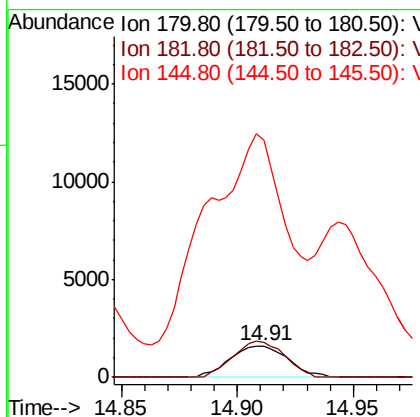
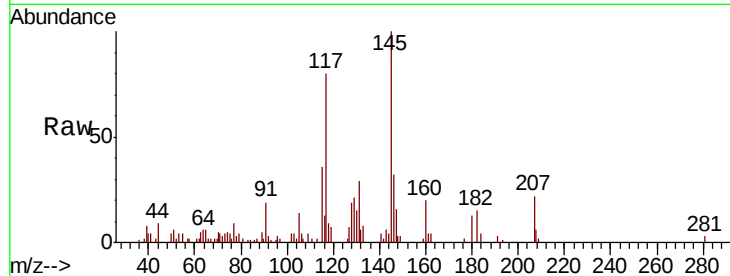




#93
 1,2,4-Trichlorobenzene
 Concen: 4.32 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

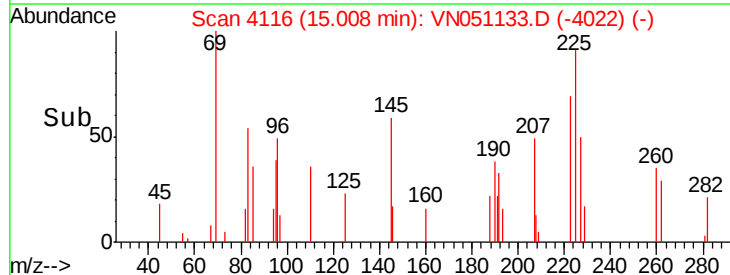
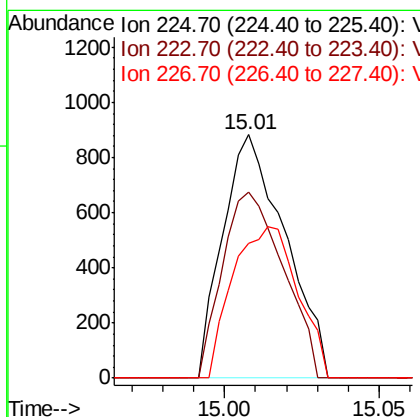
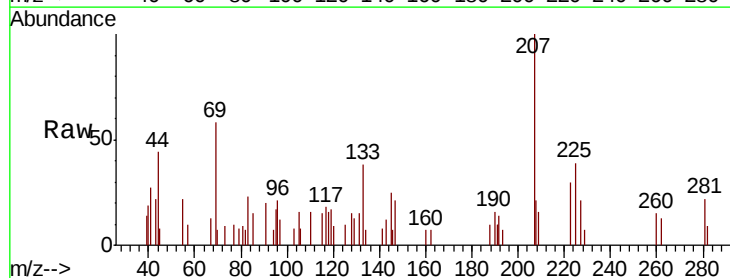
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

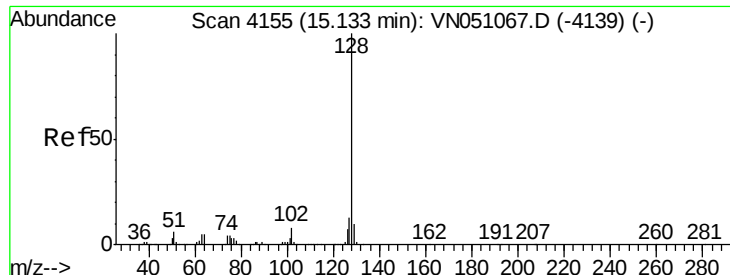
Tot Ion:180 Resp: 2794
 Ion Ratio Lower Upper
 180 100
 182 102.0 47.3 141.8
 145 1082.5 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion:225 Resp: 1235
 Ion Ratio Lower Upper
 225 100
 223 74.7 31.4 94.0
 227 64.9 32.1 96.3





#95

Naphthalene

Concen: 6.92 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

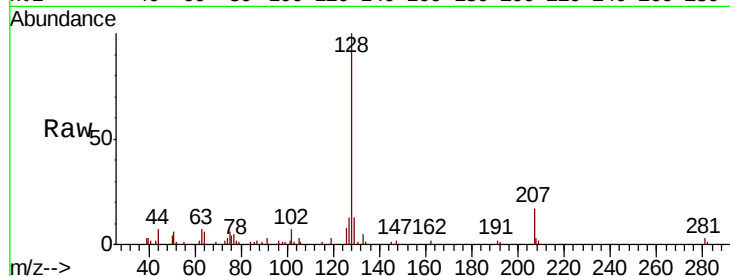
Tot Ion:128 Resp: 27737

Ion Ratio Lower Upper

128 100

127 15.1 10.6 15.8

129 9.4 8.6 12.8



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

15.13

20000

15000

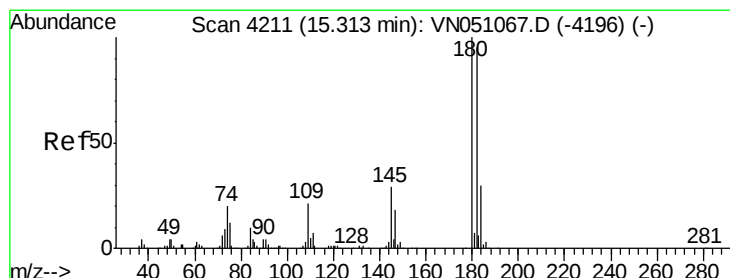
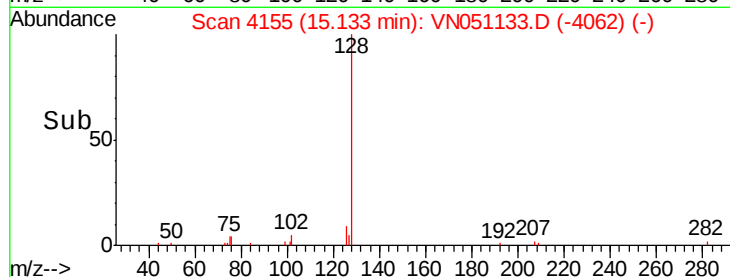
10000

5000

0

Time-->

15.05 15.10 15.15 15.20



#96

1,2,3-Trichlorobenzene

Concen: 3.41 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

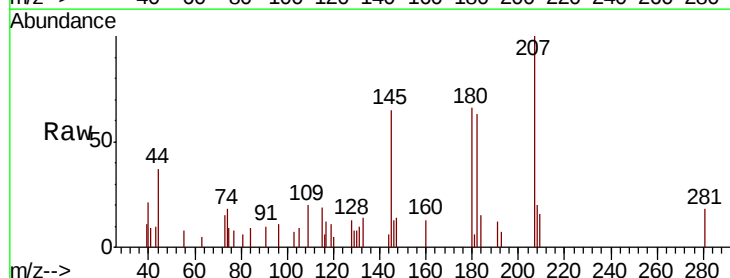
Tgt Ion:180 Resp: 3500

Ion Ratio Lower Upper

180 100

182 86.2 47.8 143.3

145 0.0 14.6 43.8#



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

4000

3000

2000

1000

0

Time-->

15.25 15.30 15.35

