

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053034.D
 Acq On : 20 Dec 2018 2:23
 Operator : MD\SY
 Sample : J6411-10
 Misc : 5.85g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

Quant Time: Dec 20 05:30:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1372094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2070227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1933157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	883695	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	645263	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	529389	55.98	ug/l	0.00
Spiked Amount			Recovery	=	111.96%	
50) Toluene-d8	10.09	98	2622074	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	1301859	73.05	ug/l	0.00
Spiked Amount			Recovery	=	146.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	1619	0.593	ug/l #	77
18) Methyl Acetate	4.33	43	3505	1.269	ug/l #	76
31) Cyclohexane	7.66	56	34002	0.368	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	87461	4.402	ug/l #	48
38) Carbon Tetrachloride	7.67	117	118811	6.523	ug/l #	15
39) Methylcyclohexane	9.08	83	138888	5.754	ug/l	99
43) Isopropyl Acetate	8.32	43	124194	4.842	ug/l #	54
48) Methyl methacrylate	9.14	41	6366	0.591	ug/l #	30
51) 4-Methyl-2-Pentanone	10.08	43	34723	3.232	ug/l #	71
55) 1,1,2-Trichloroethane	10.53	97	165820	12.974	ug/l #	19
56) Ethyl methacrylate	10.43	69	78361	4.632	ug/l #	17
59) 2-Hexanone	10.72	43	672574	92.537	ug/l #	28
64) Tetrachloroethene	10.63	164	5128	0.245	ug/l	89
65) Chlorobenzene	11.54	112	58631	1.368	ug/l #	43
67) Ethyl Benzene	11.62	91	4462377	60.552	ug/l #	66
68) m/p-Xylenes	11.62	106	2194980	78.348	ug/l	100
71) Bromoform	12.40	173	5088	0.473	ug/l #	1
73) Isopropylbenzene	12.25	105	2872751	41.549	ug/l	99
74) N-amyl acetate	12.05	43	3543230	184.580	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.47	83	369878	27.268	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	44007	2.958	ug/l #	100
77) Bromobenzene	12.51	156	3906	0.217	ug/l #	1
78) n-propylbenzene	12.59	91	7922707	100.611	ug/l	99
79) 2-Chlorotoluene	12.69	91	1118766	22.921	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	11892594	211.025	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.25	75	28936	6.269	ug/l #	2
82) 4-Chlorotoluene	12.73	91	1210179	25.328	ug/l #	50
83) tert-Butylbenzene	12.99	119	510917	10.251	ug/l	93
84) 1,2,4-Trimethylbenzene	13.17	105	4012445	70.824	ug/l #	30
85) sec-Butylbenzene	13.17	105	4012445	59.518	ug/l #	72
86) p-Isopropyltoluene	13.29	119	3771180	64.738	ug/l	100
89) n-Butylbenzene	13.62	91	3559141	71.018	ug/l #	79
90) Hexachloroethane	13.89	117	489391	54.745	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21431	9.138	ug/l #	1

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Response via : Initial Calibration

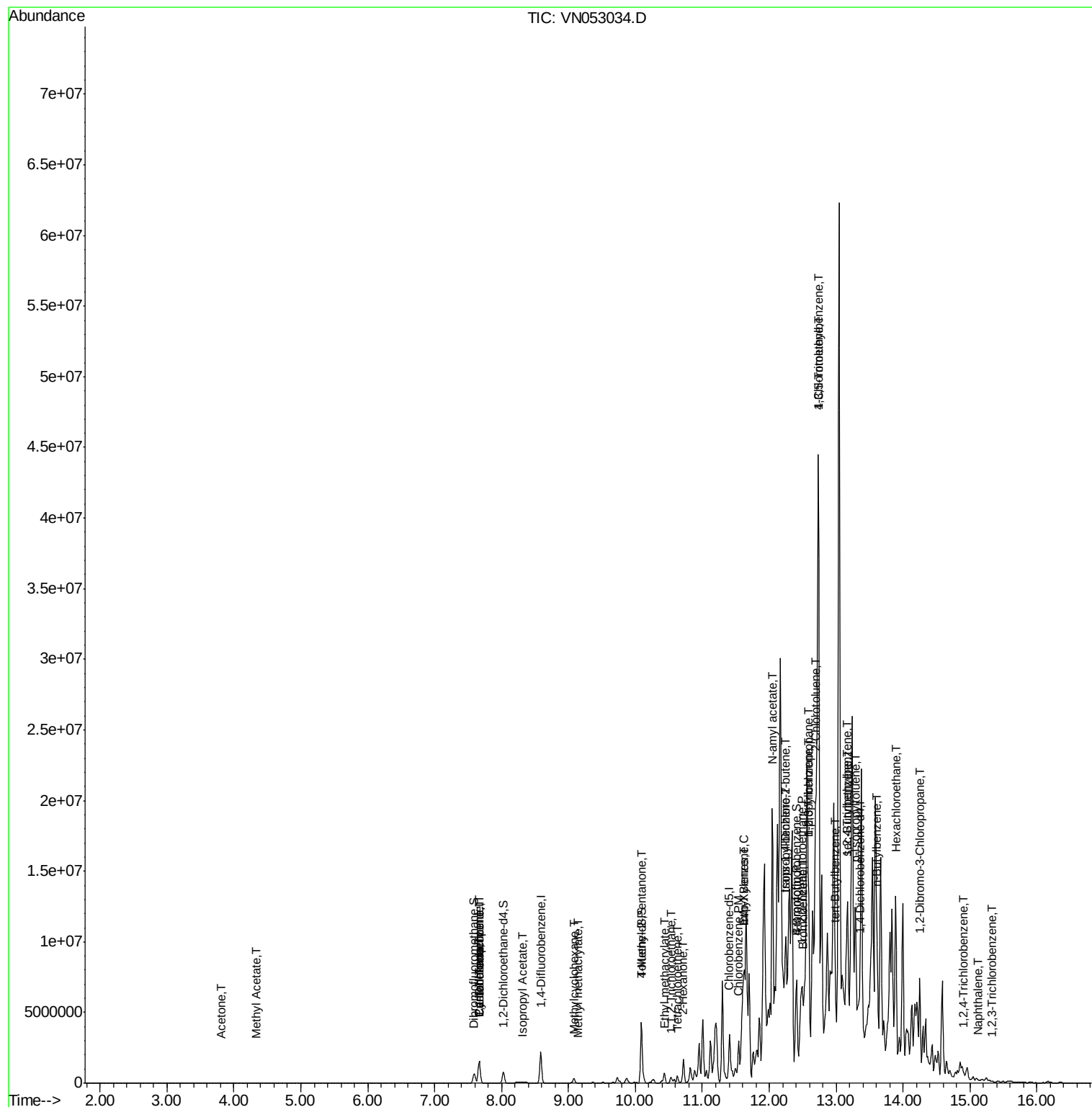
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1088	0.664	ug/l #	1
94) Hexachlorobutadiene	15.01	225	62	Below Cal	#	19
95) Naphthalene	15.13	128	8520	1.386	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	102	0.515	ug/l #	1

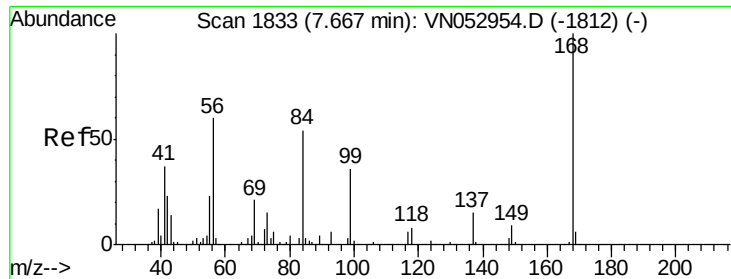
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

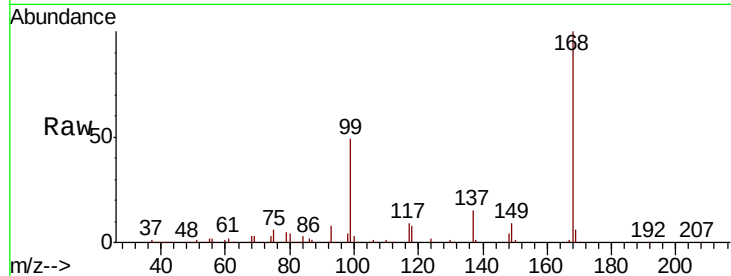
EP1-SBR-3B(17-18FT)1218

Tot Ion:168 Resp: 1372094

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

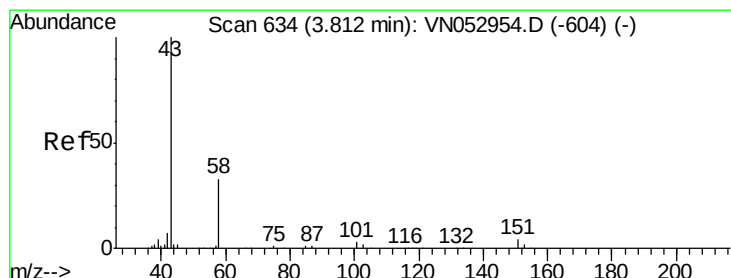
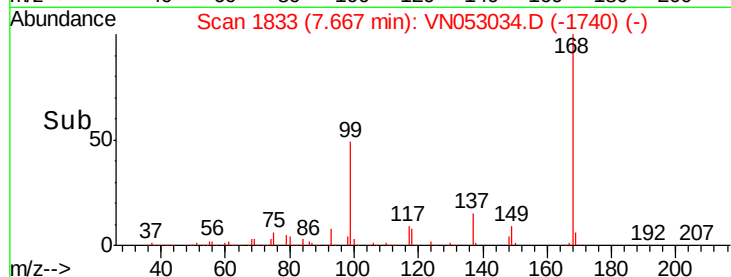
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.593 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN053034.D

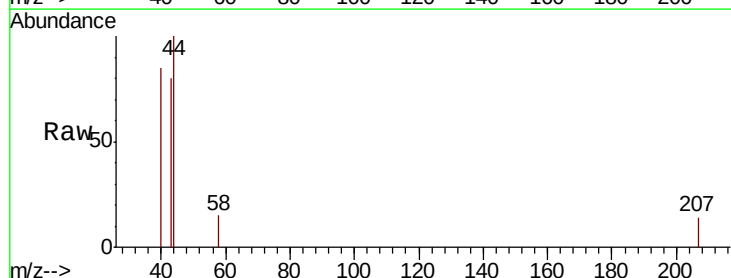
Acq: 20 Dec 2018 2:23

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

58 19.1 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

1000

800

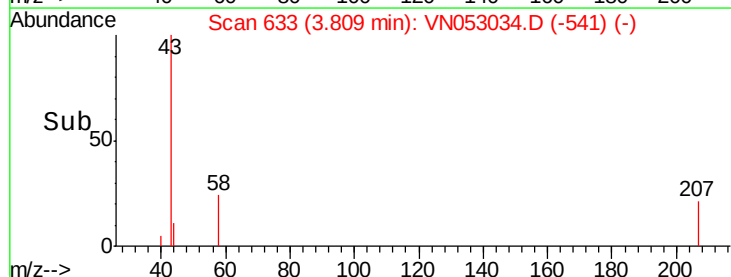
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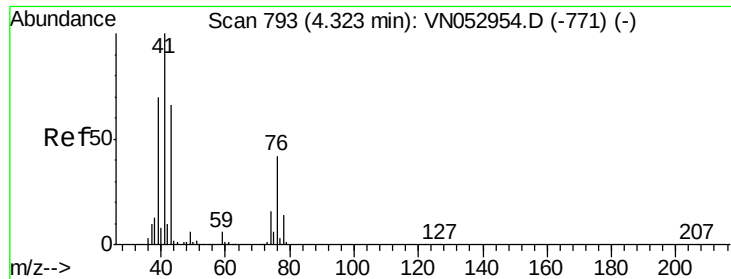
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200

0

Time-->

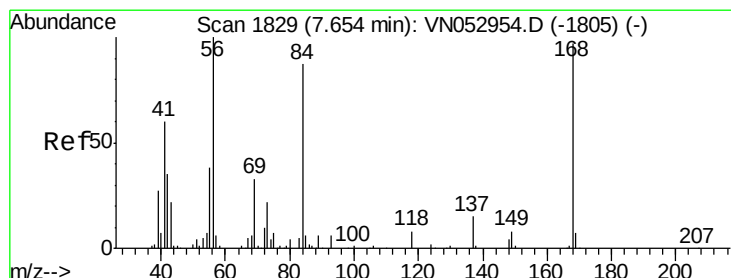
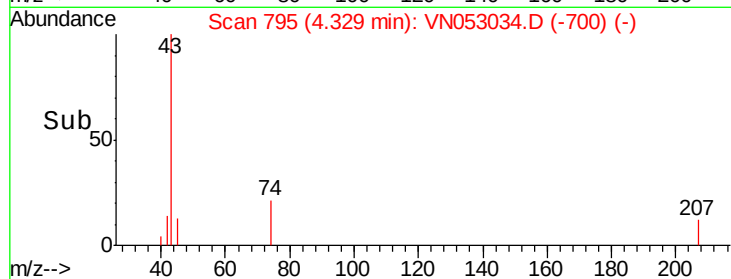
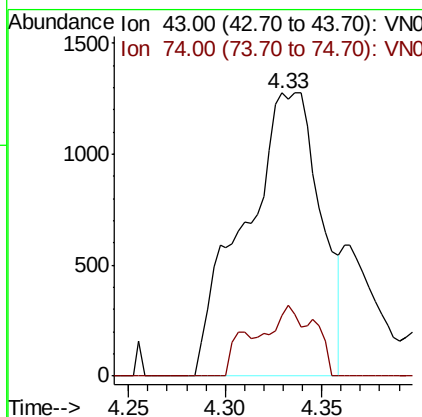
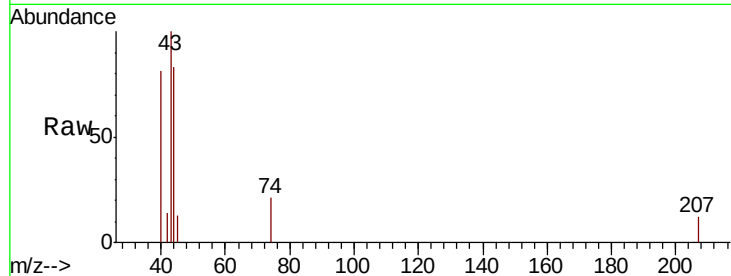




#18
Methvl Acetate
Concen: 1.269 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

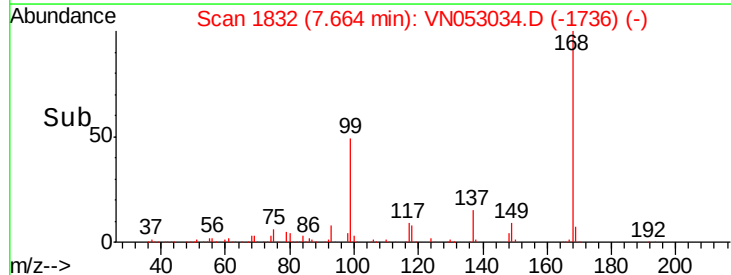
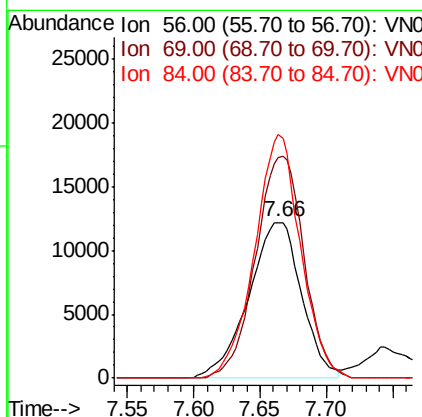
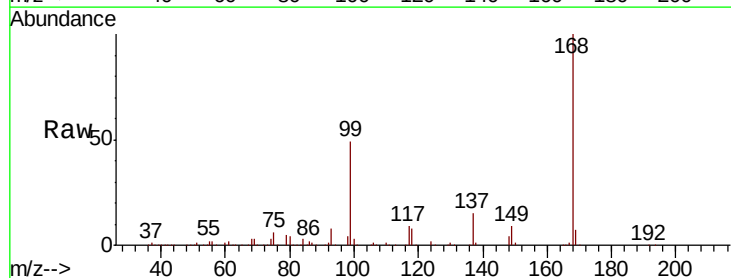
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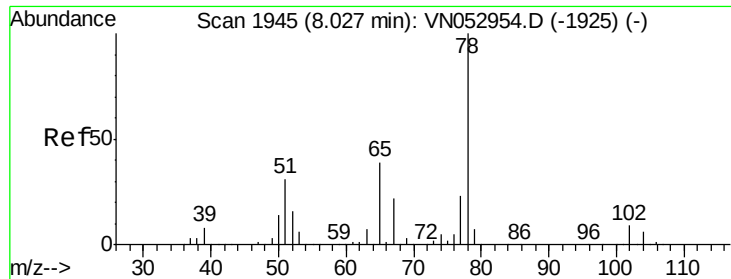
Tot Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
74 11.9 19.2 28.8#



#31
Cyclohexane
Concen: 0.368 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 56 Resp: 34002
Ion Ratio Lower Upper
56 100
69 141.9 26.6 39.8#
84 156.3 68.4 102.6#

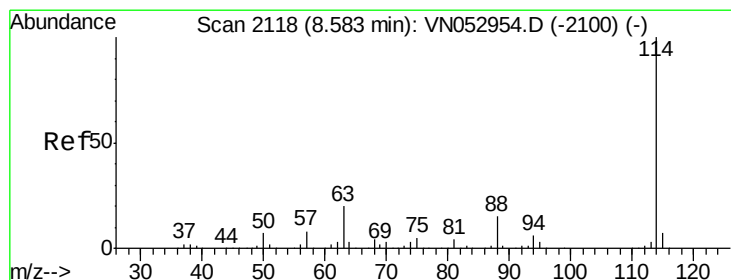
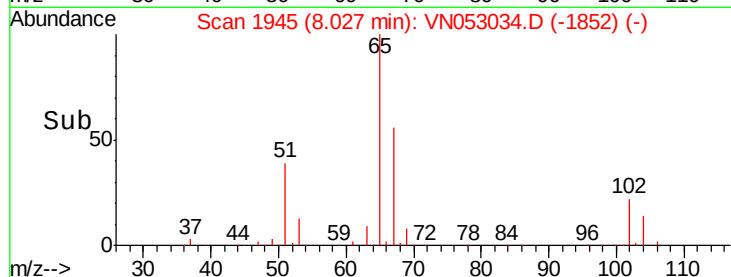
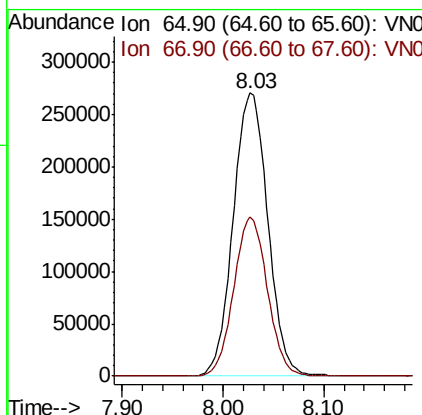
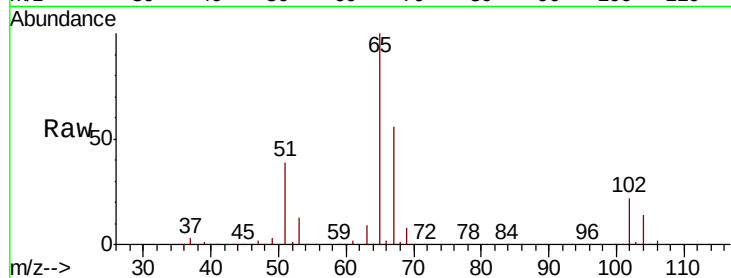




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

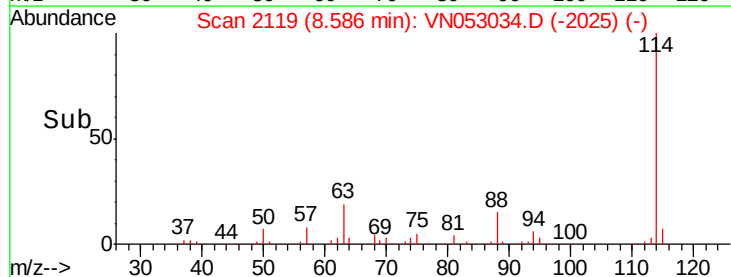
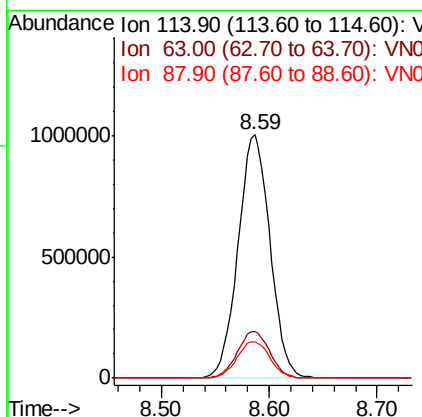
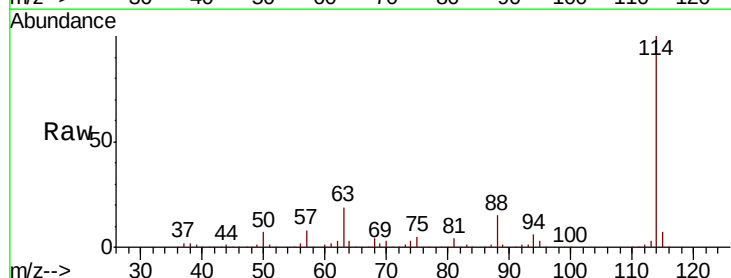
Instrument :
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 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

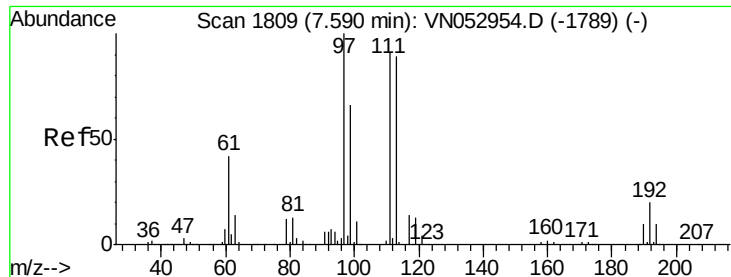
Tot Ion: 65 Resp: 645263
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Tgt Ion: 114 Resp: 2070227
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.0 0.0 31.0

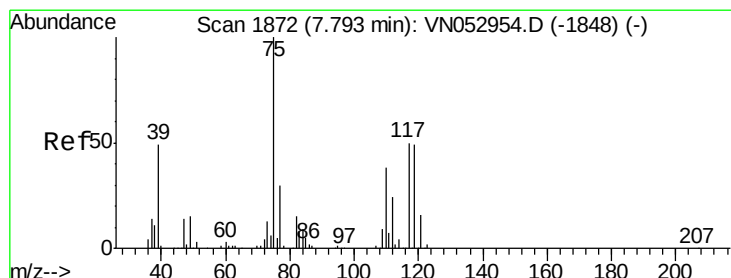
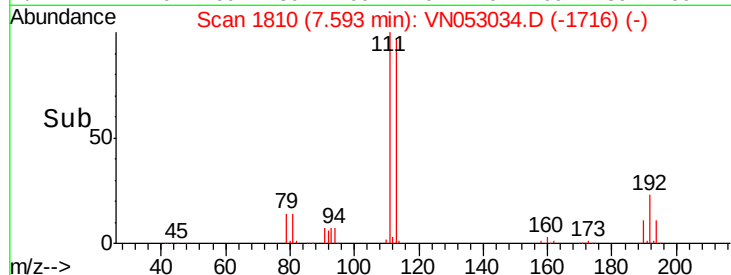
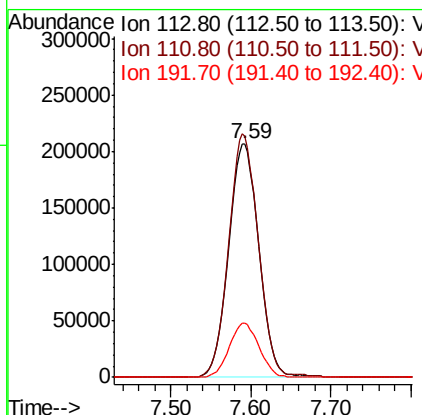
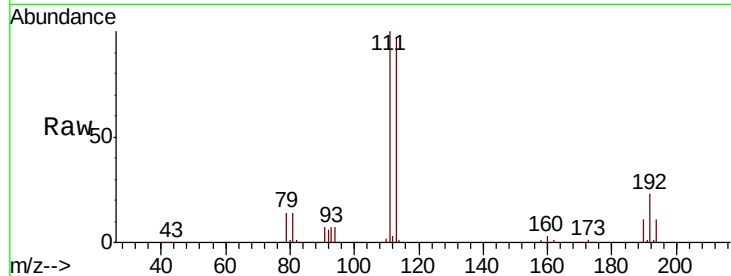




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

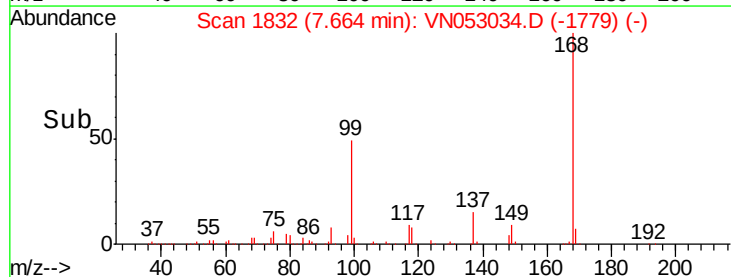
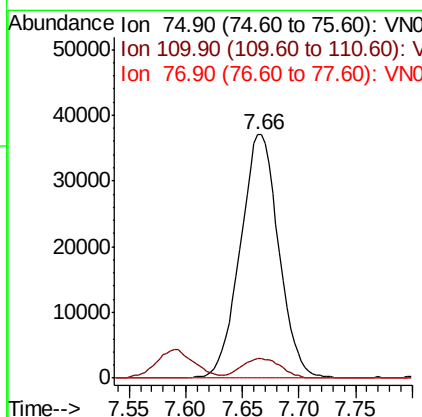
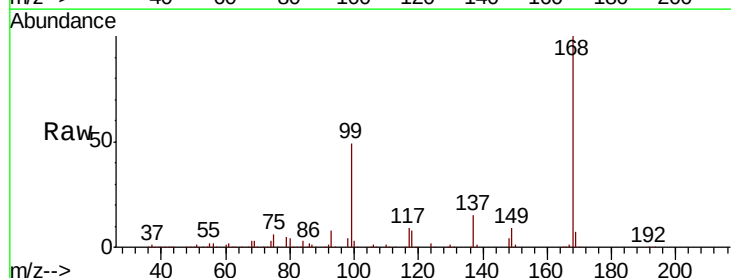
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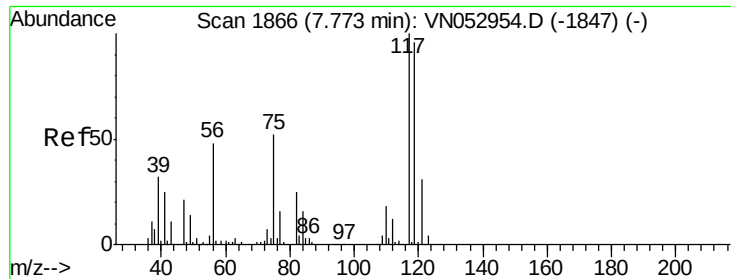
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	22.8	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.402 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#

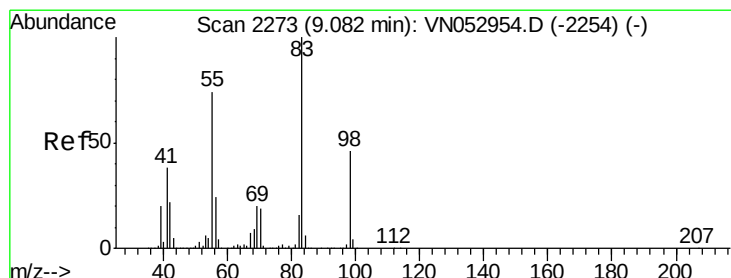
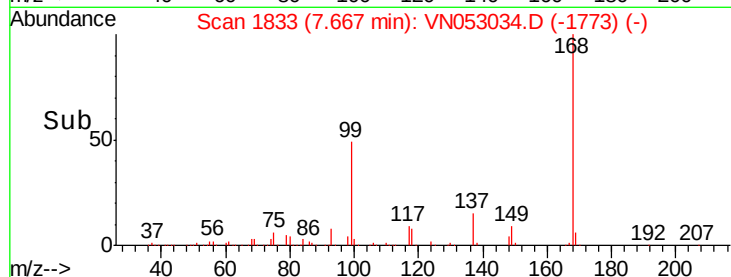
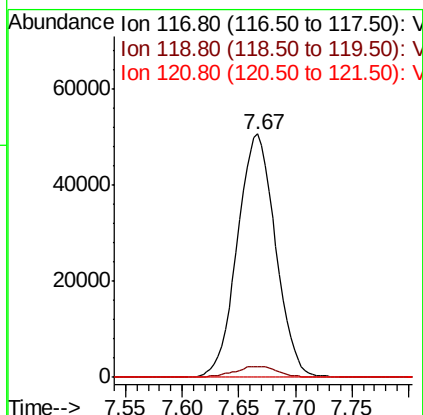
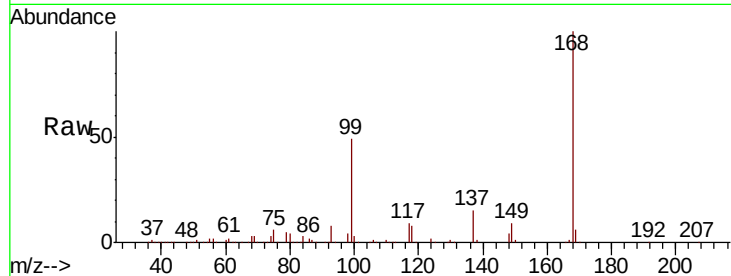




#38
Carbon Tetrachloride
Concen: 6.523 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

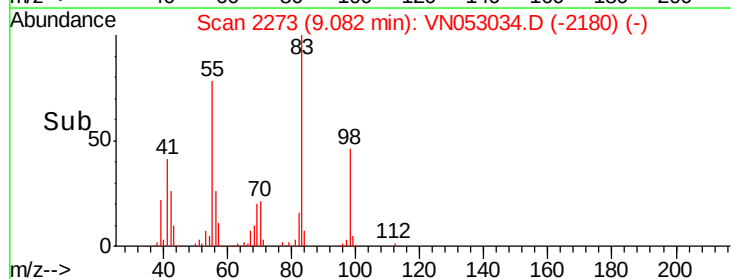
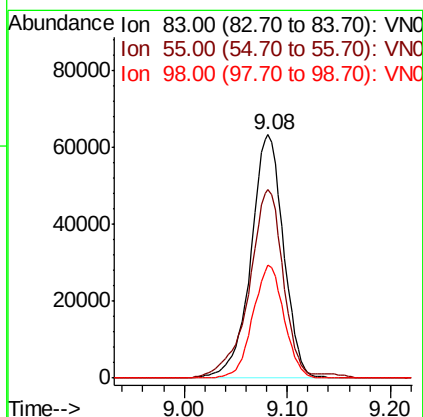
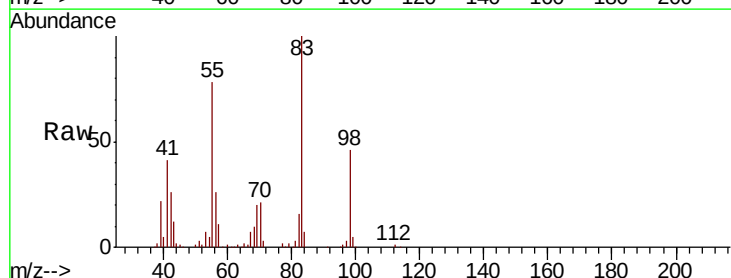
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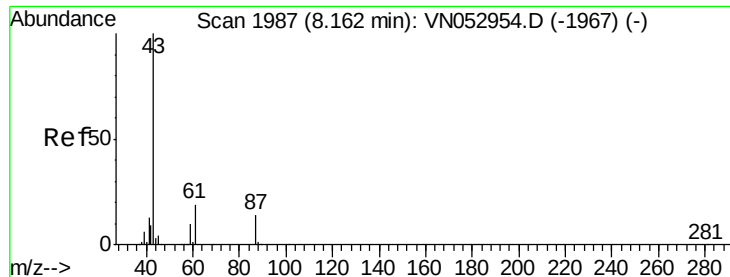
Tot Ion:117 Resp: 118811
Ion Ratio Lower Upper
117 100
119 4.4 77.1 115.7#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 5.754 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 83 Resp: 138888
Ion Ratio Lower Upper
83 100
55 77.6 61.3 91.9
98 46.4 37.0 55.4





#43

Isopropyl Acetate

Concen: 4.842 ug/l

RT: 8.32 min Scan# 2035

Delta R.T. 0.15 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

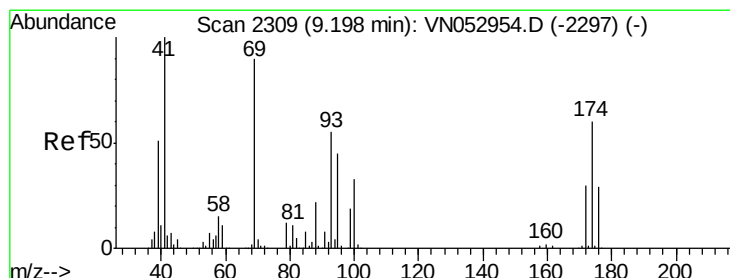
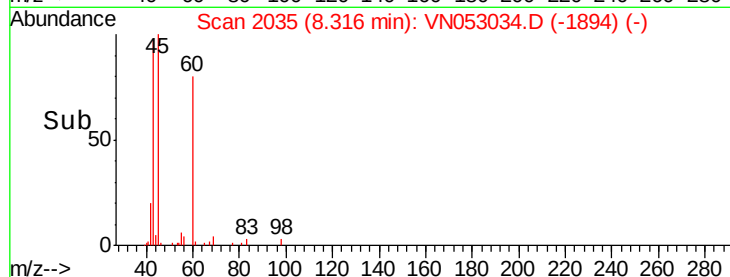
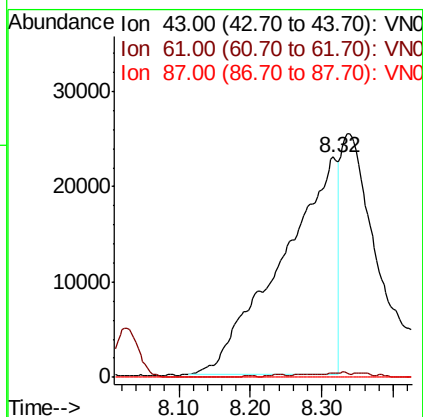
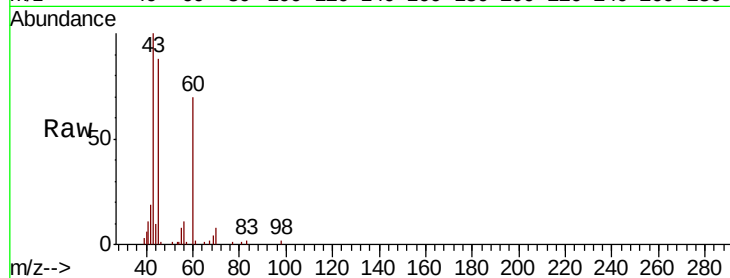
Tot Ion: 43 Resp: 124194

Ion Ratio Lower Upper

43 100

61 0.7 22.9 34.3#

87 0.0 10.6 15.8#



#48

Methyl methacrylate

Concen: 0.591 ug/l

RT: 9.14 min Scan# 2291

Delta R.T. -0.06 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

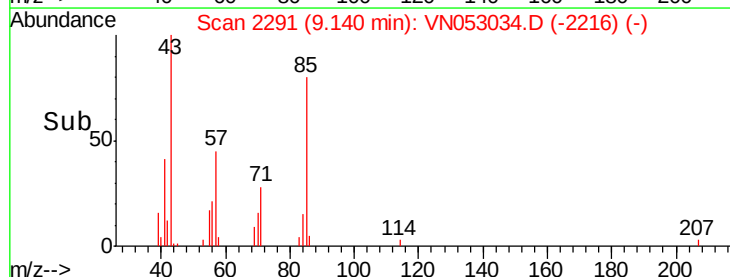
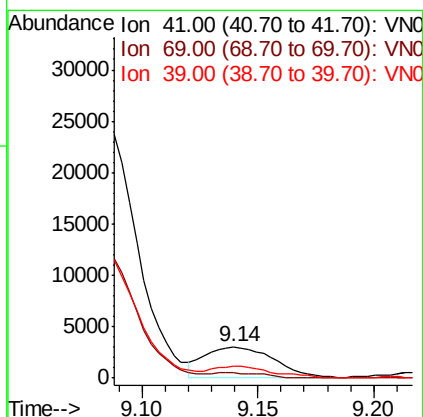
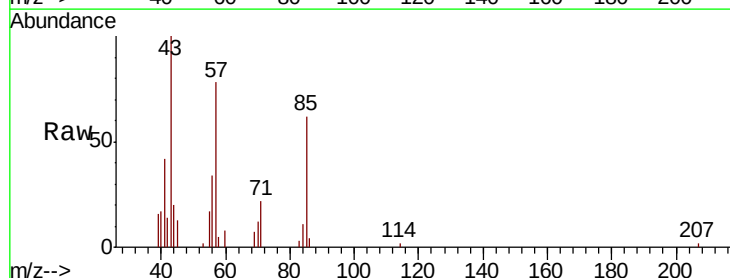
Tgt Ion: 41 Resp: 6366

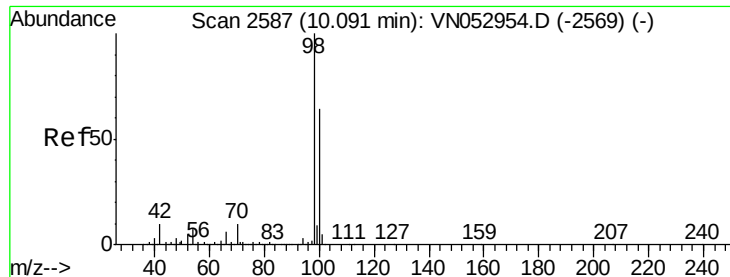
Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

39 34.2 41.9 62.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

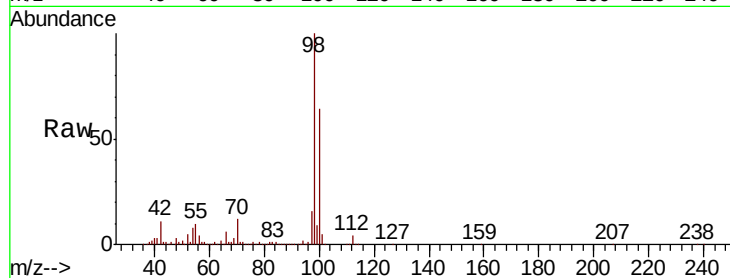
EP1-SBR-3B(17-18FT)1218

Tot Ion: 98 Resp: 2622074

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

500000

0

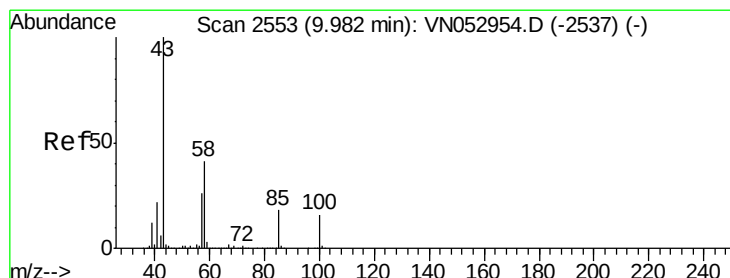
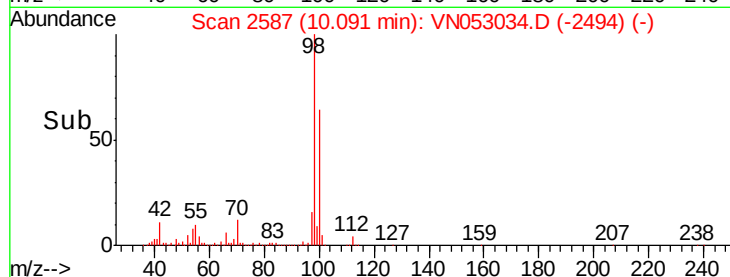
10.09

10.00

10.10

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.232 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN053034.D

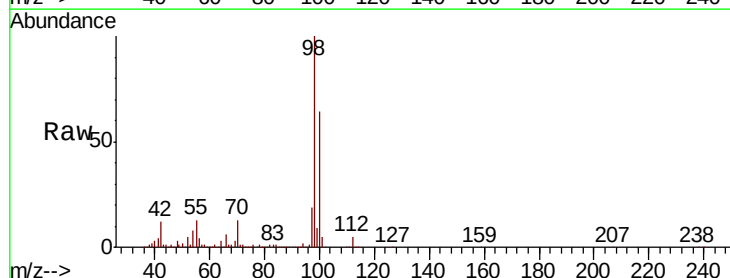
Acq: 20 Dec 2018 2:23

Tgt Ion: 43 Resp: 34723

Ion Ratio Lower Upper

43 100

58 58.3 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

20000

15000

10000

5000

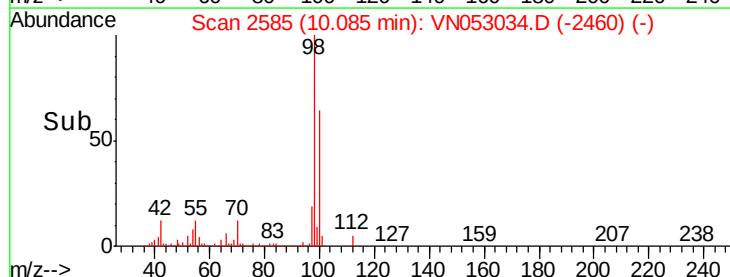
0

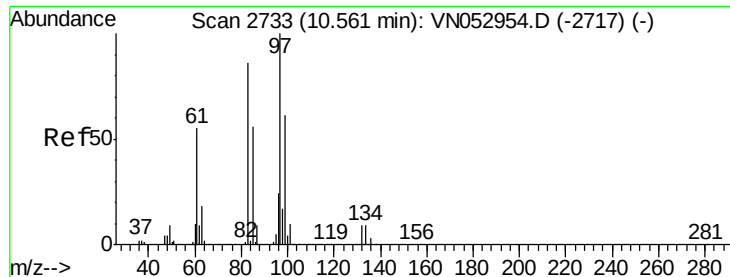
10.08

10.05

10.10

Time-->

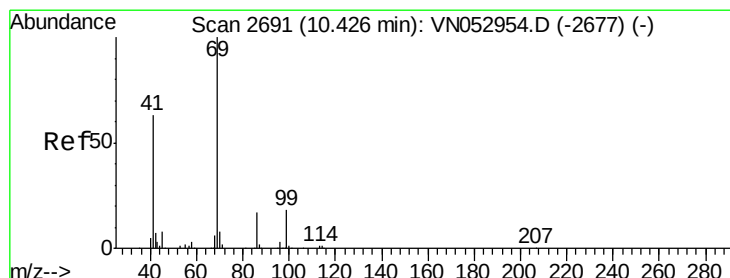
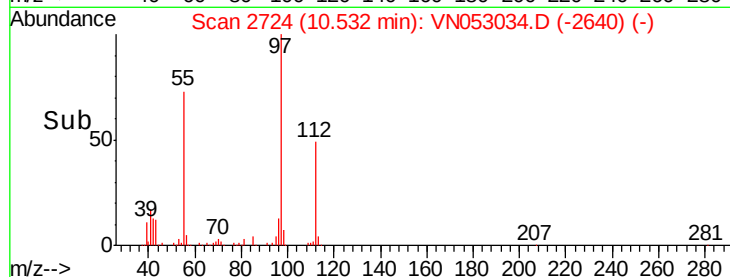
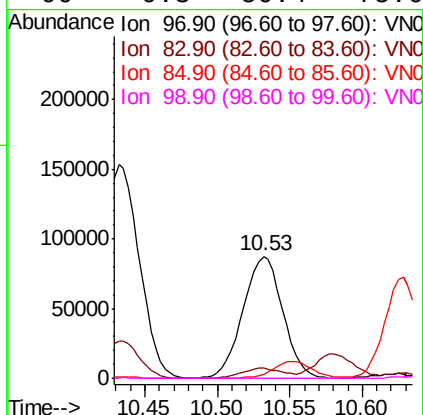
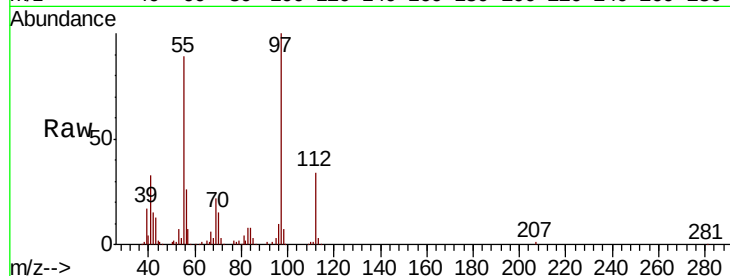




#55
 1,1,2-Trichloroethane
 Concen: 12.974 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

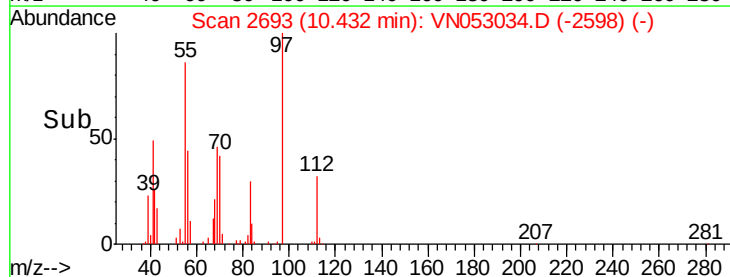
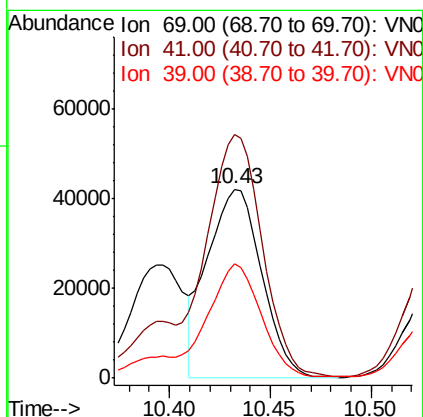
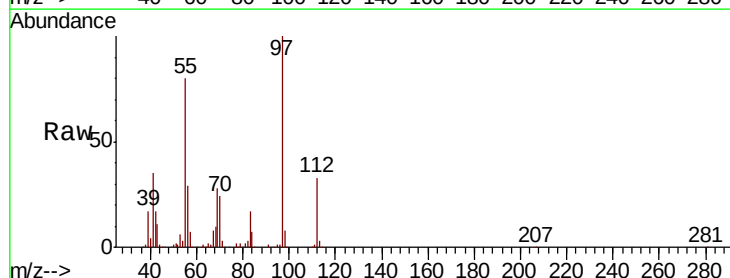
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

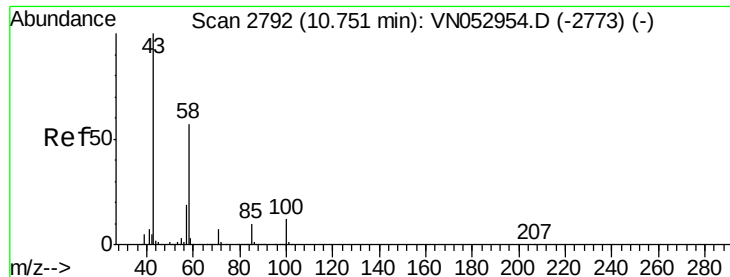
Tot Ion: 97 Resp: 165820
 Ion Ratio Lower Upper
 97 100
 83 8.0 70.9 106.3#
 85 3.4 45.4 68.2#
 99 0.3 50.4 75.6#



#56
 Ethyl methacrylate
 Concen: 4.632 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Tgt Ion: 69 Resp: 78361
 Ion Ratio Lower Upper
 69 100
 41 131.9 51.7 77.5#
 39 72.5 24.6 37.0#

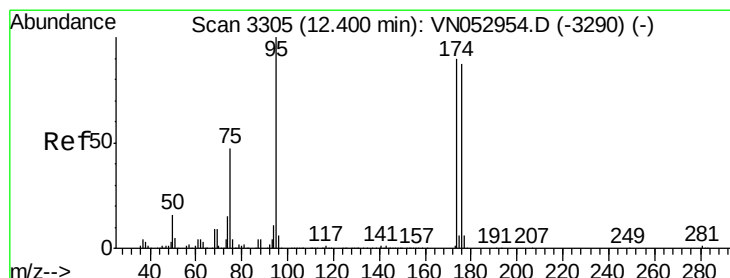
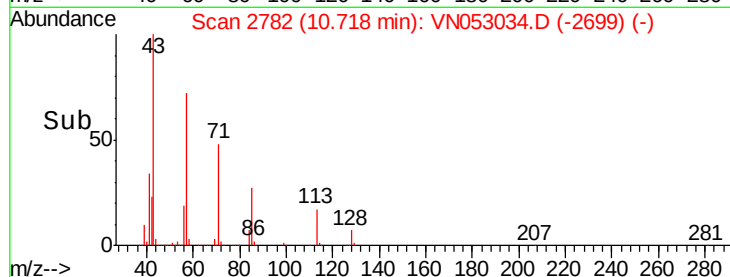
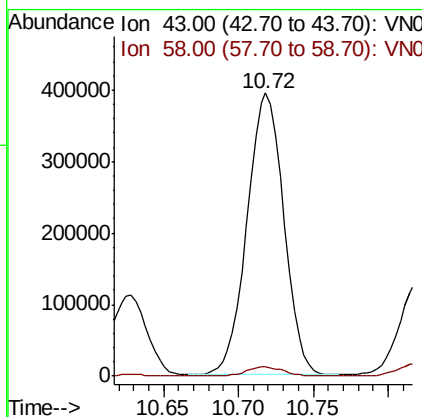
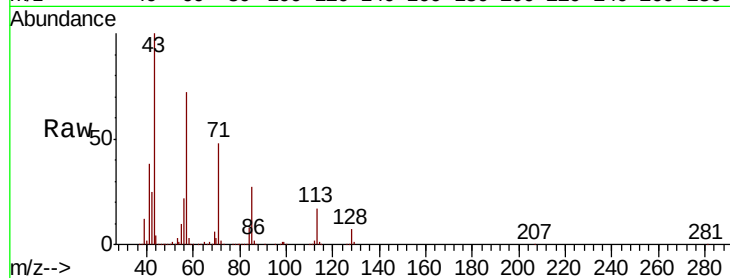




#59
2-Hexanone
Concen: 92.537 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

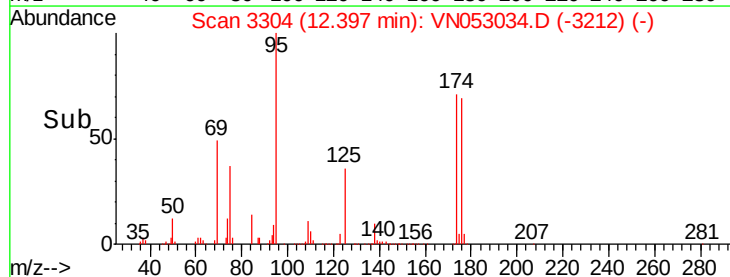
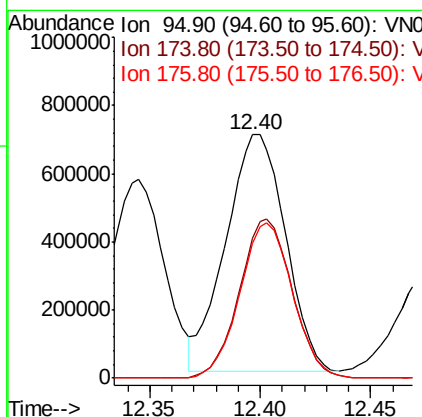
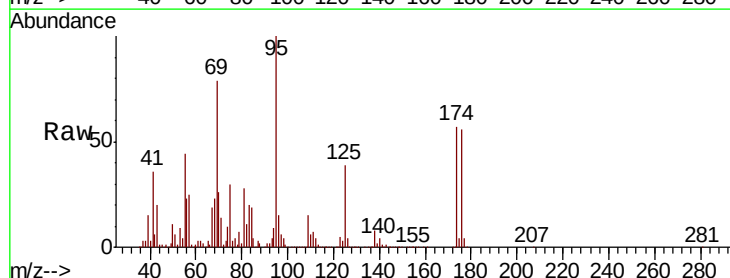
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

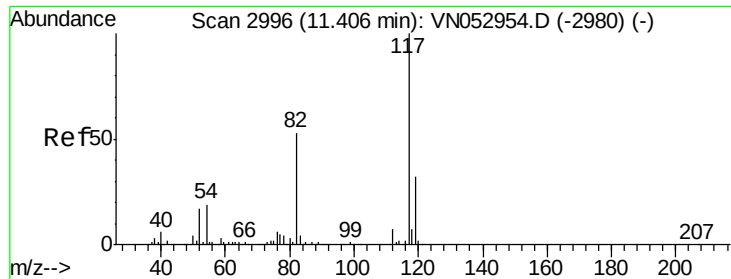
Tot Ion: 43 Resp: 672574
Ion Ratio Lower Upper
43 100
58 3.4 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 95 Resp: 1301859
Ion Ratio Lower Upper
95 100
174 59.7 0.0 178.8
176 58.3 0.0 173.8

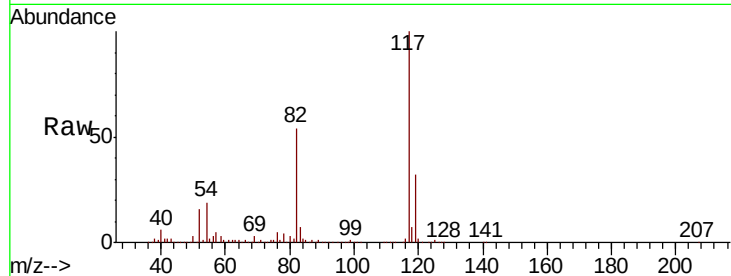




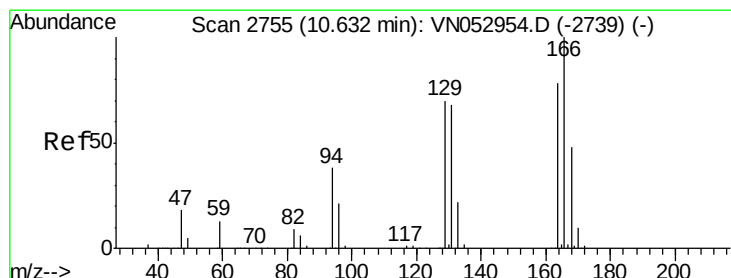
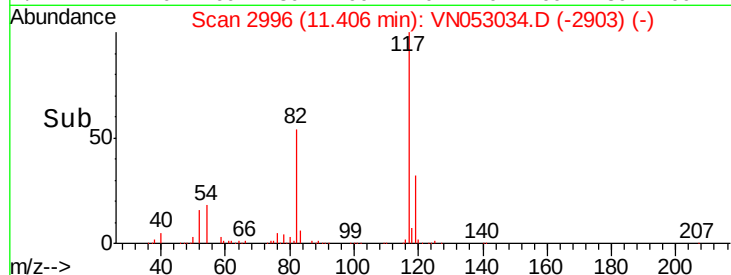
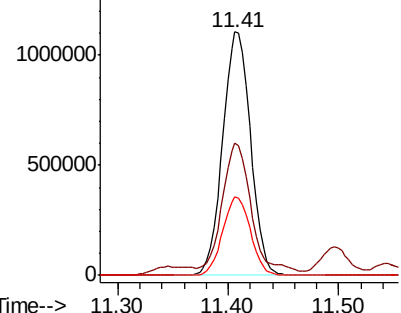
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

Tot Ion:117 Resp: 1933157
Ion Ratio Lower Upper
117 100
82 50.9 42.8 64.2
119 32.1 25.5 38.3

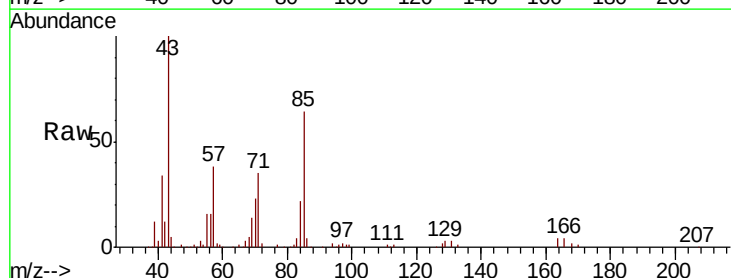


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

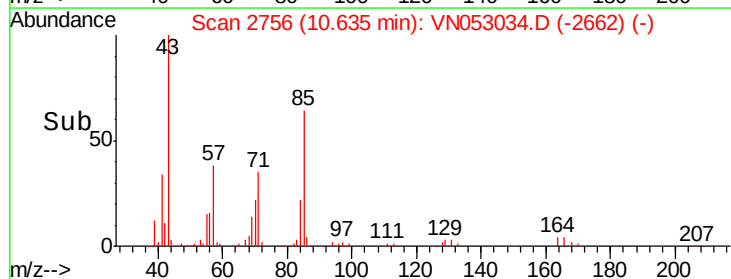
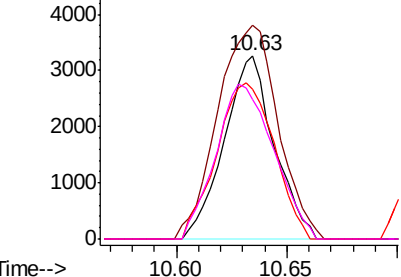


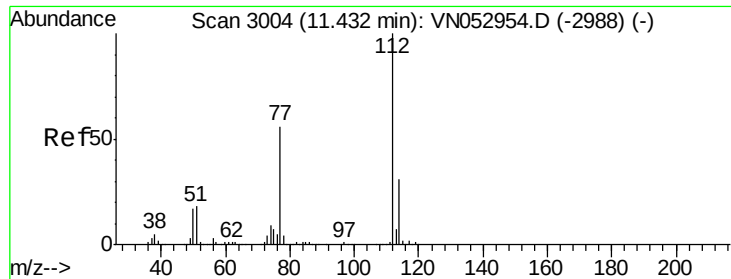
#64
Tetrachloroethene
Concen: 0.245 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion:164 Resp: 5128
Ion Ratio Lower Upper
164 100
166 116.6 102.9 154.3
129 82.1 73.7 110.5
131 76.3 70.7 106.1



Abundance Ion 163.80 (163.50 to 164.50): V
6000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

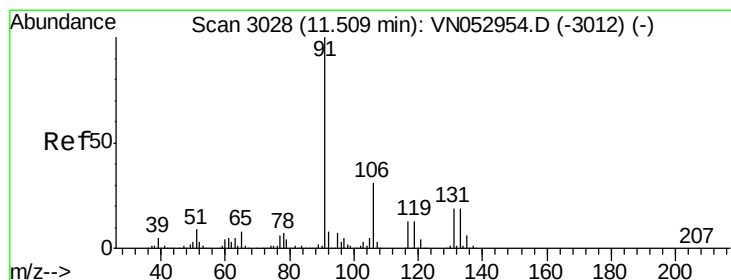
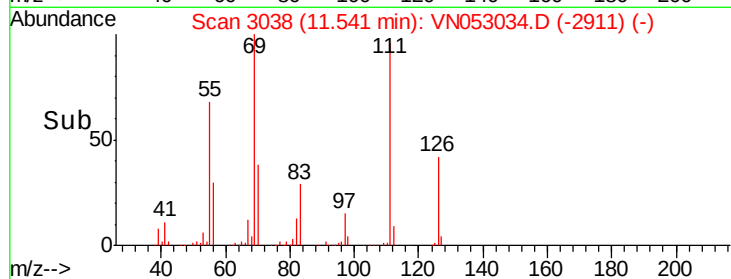
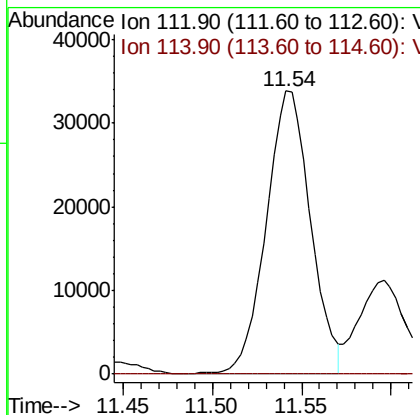
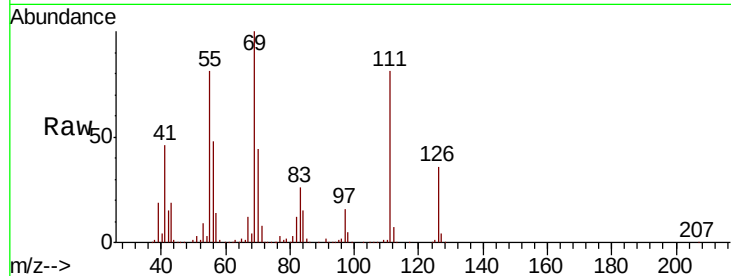




#65
Chlorobenzene
Concen: 1.368 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

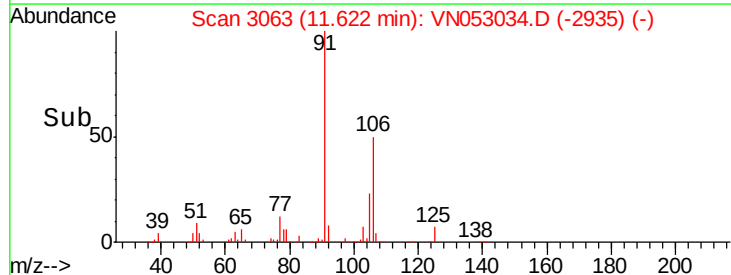
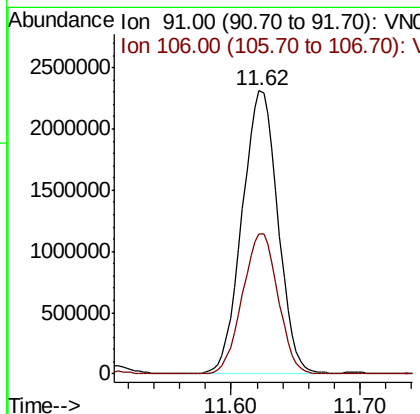
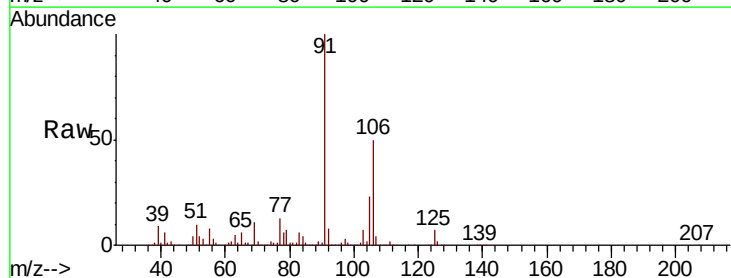
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

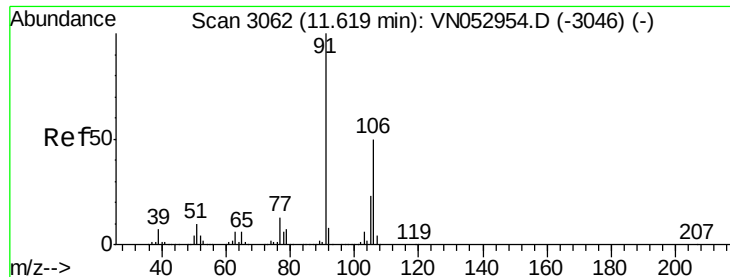
Tot Ion:112 Resp: 58631
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 60.552 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.11 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 91 Resp: 4462377
Ion Ratio Lower Upper
91 100
106 49.6 24.9 37.3#

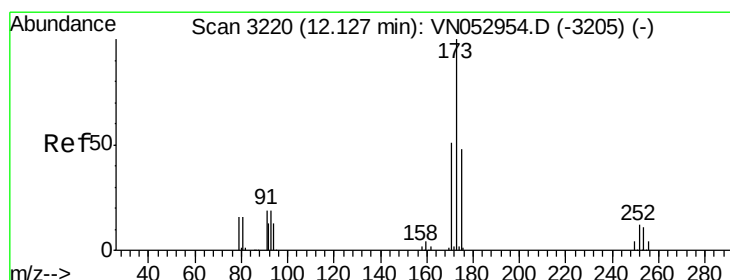
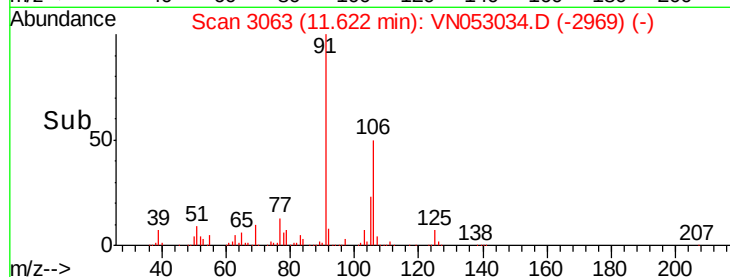
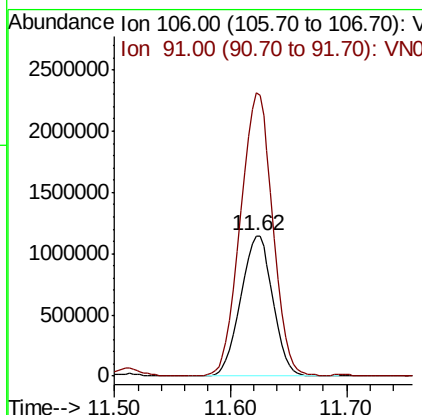
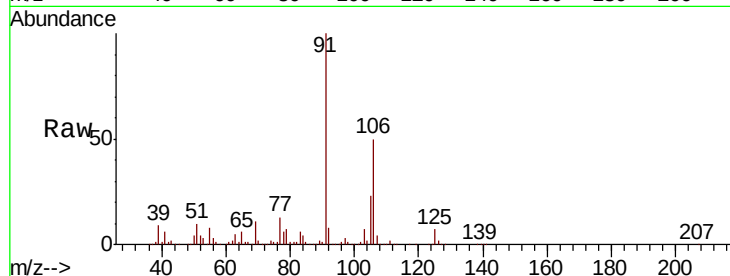




#68
m/p-Xvlenes
Concen: 78.348 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

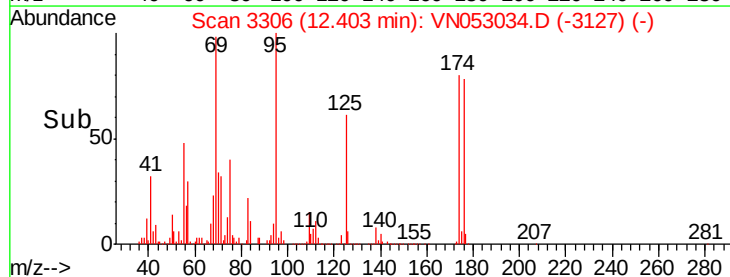
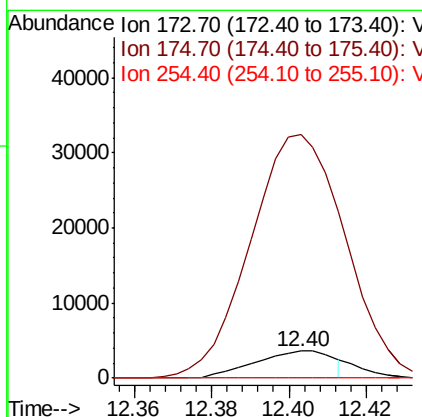
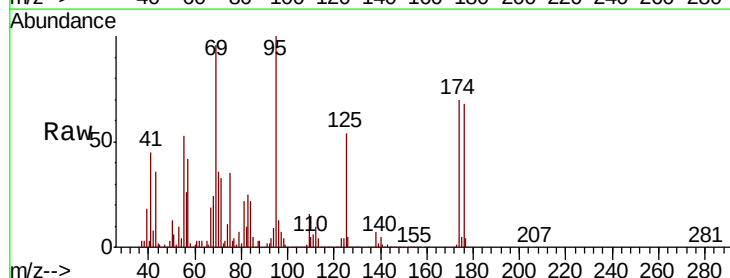
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

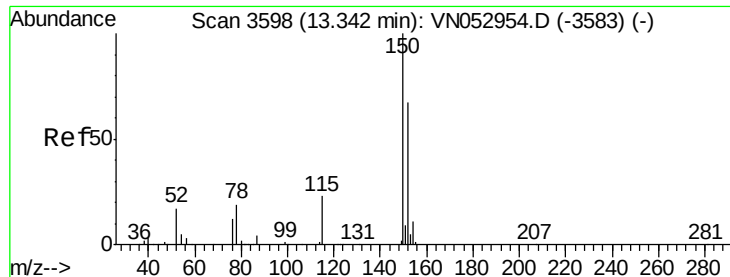
Tot Ion:106 Resp: 2194980
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4



#71
Bromoform
Concen: 0.473 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion:173 Resp: 5088
Ion Ratio Lower Upper
173 100
175 934.4 24.3 72.9#
254 0.0 0.1 0.1#

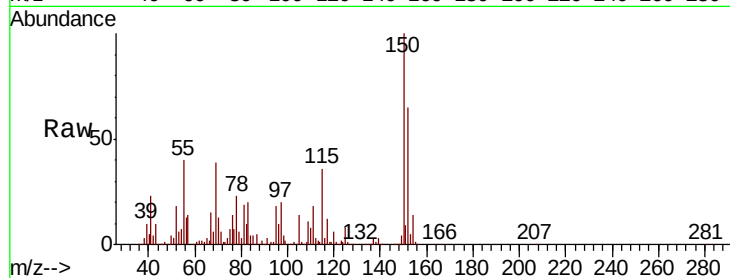




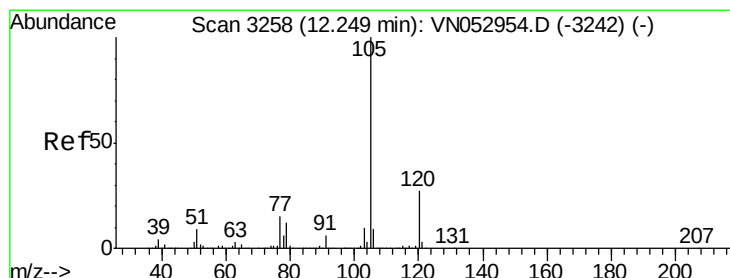
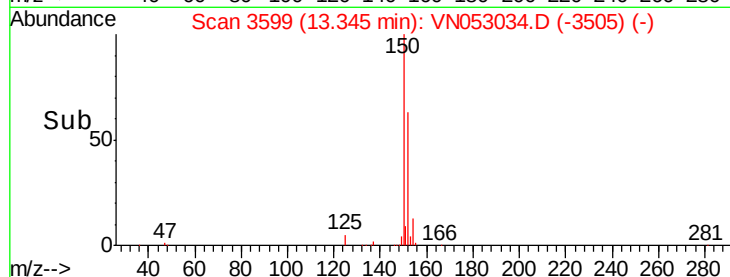
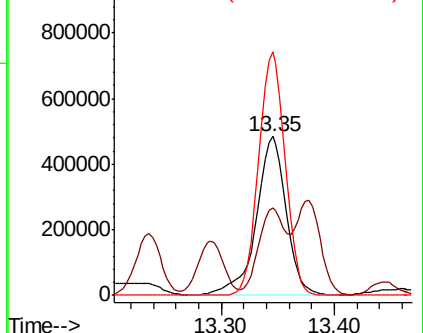
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

Tot Ion:152 Resp: 883695
 Ion Ratio Lower Upper
 152 100
 115 48.9 28.3 85.0
 150 136.4 0.0 347.8

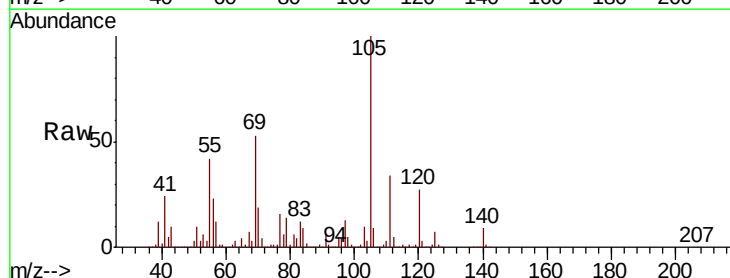


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

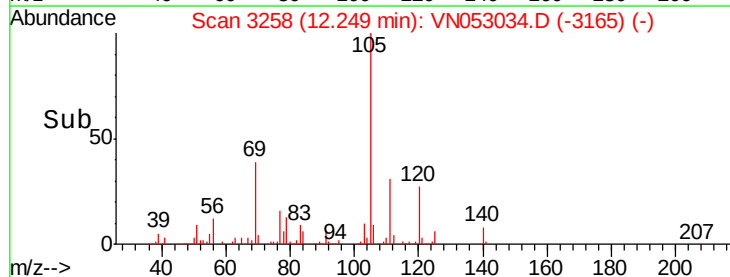
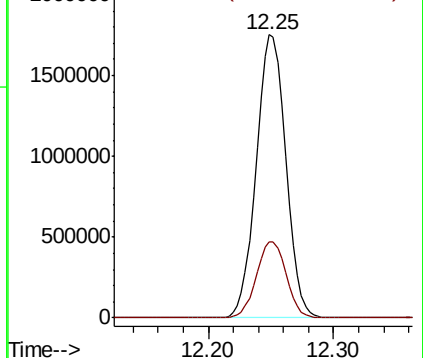


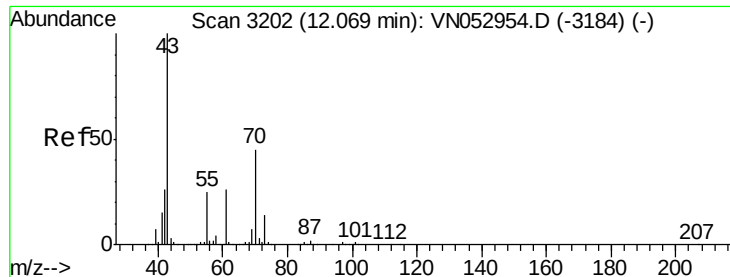
#73
 Isopropylbenzene
 Concen: 41.549 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Tgt Ion:105 Resp: 2872751
 Ion Ratio Lower Upper
 105 100
 120 27.1 13.3 39.9



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





#74

N-amvl acetate

Concen: 184.580 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

Tot Ion: 43 Resp: 3543230

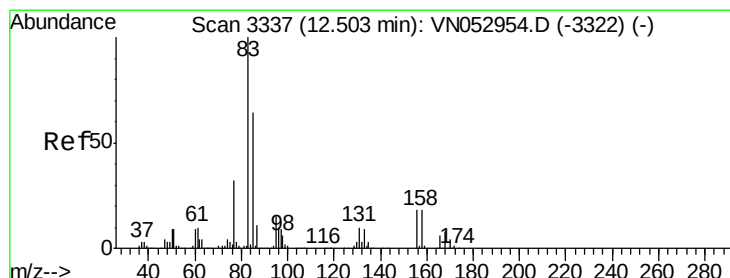
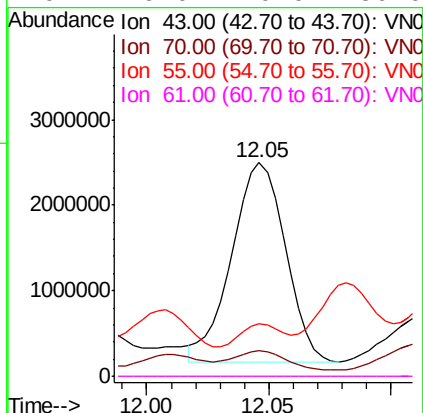
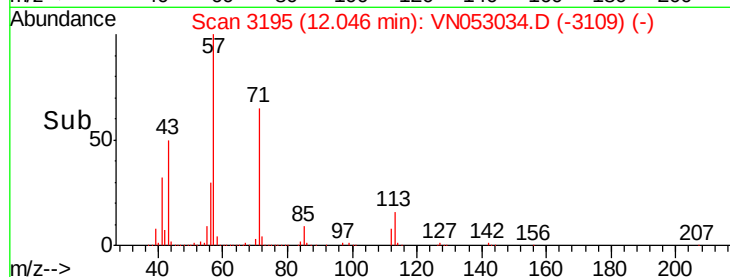
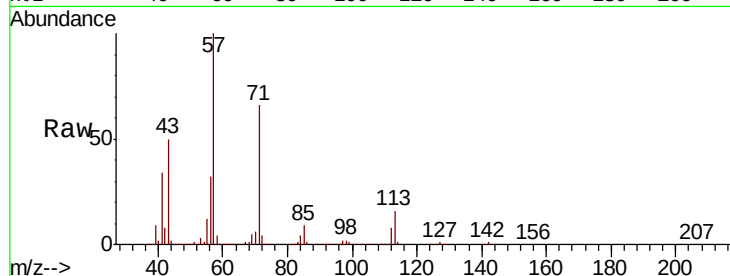
Ion Ratio Lower Upper

43 100

70 8.9 34.2 51.4#

55 9.4 20.3 30.5#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 27.268 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

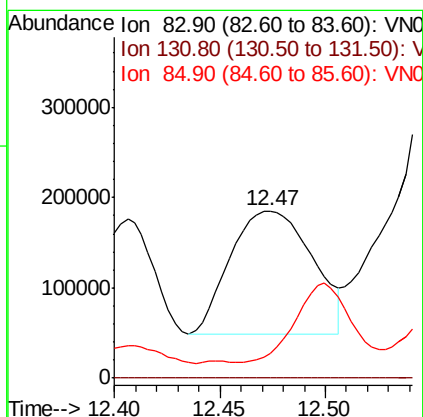
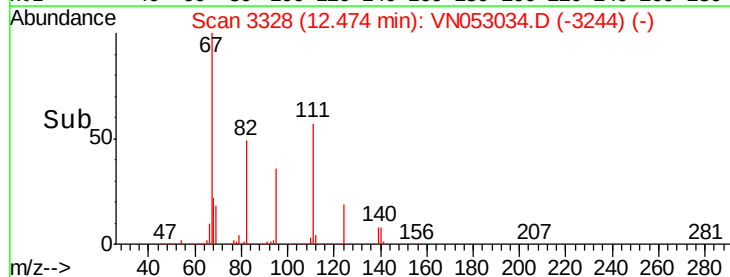
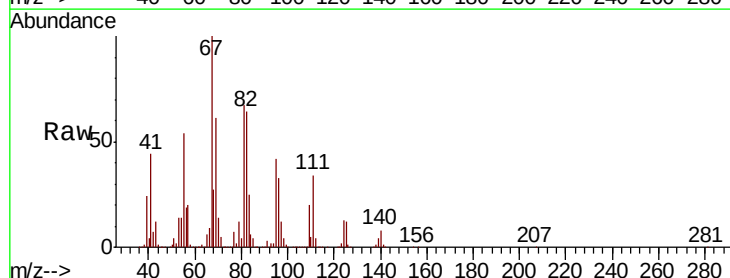
Tgt Ion: 83 Resp: 369878

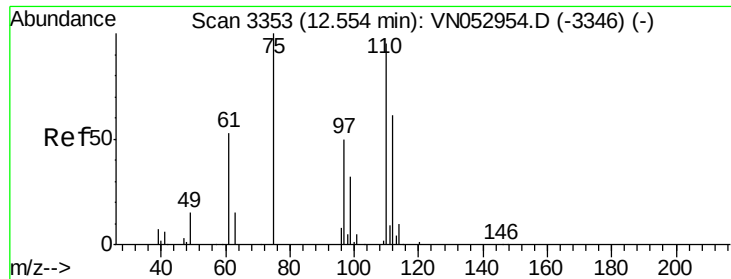
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 2.958 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

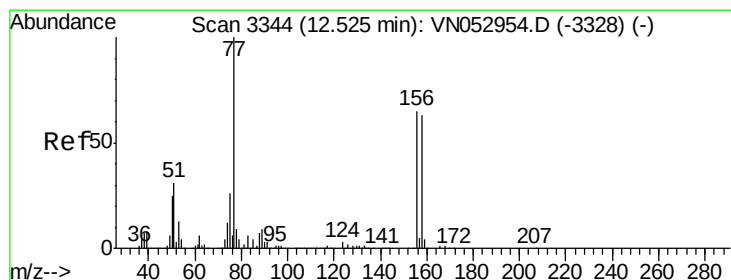
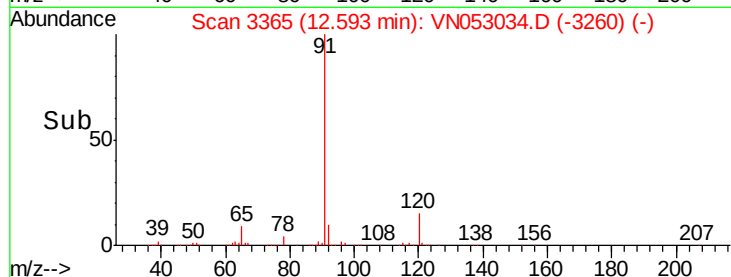
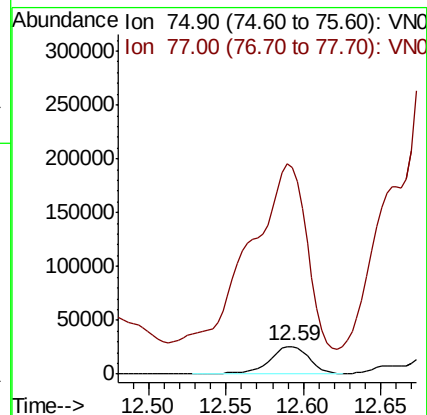
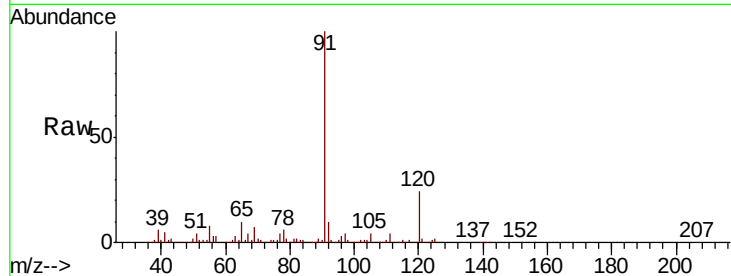
EP1-SBR-3B(17-18FT)1218

Tot Ion: 75 Resp: 44007

Ion Ratio Lower Upper

75 100

77 1062.2 0.0 0.0#



#77

Bromobenzene

Concen: 0.217 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.02 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

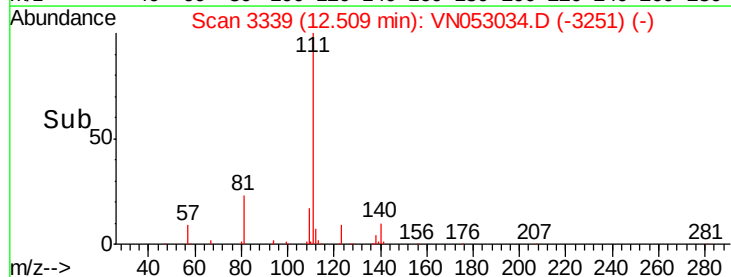
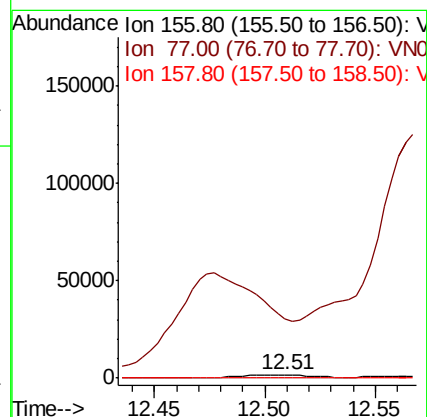
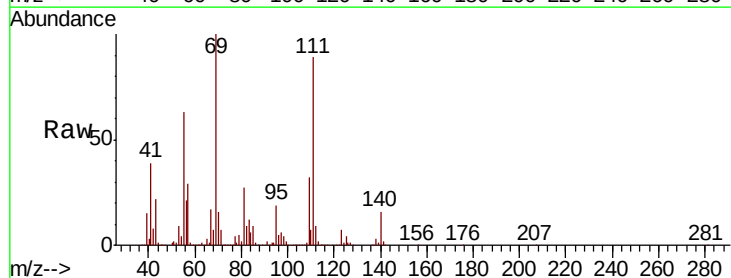
Tgt Ion: 156 Resp: 3906

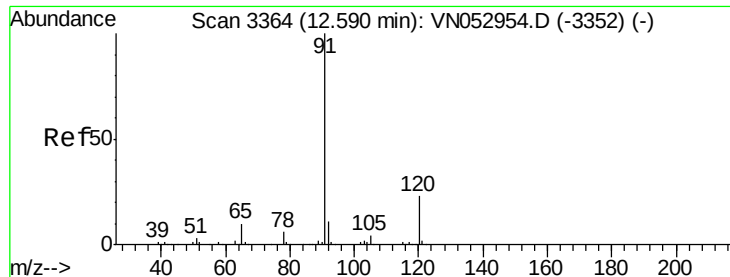
Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

158 3.2 49.0 147.2#





#78

n-propylbenzene

Concen: 100.611 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

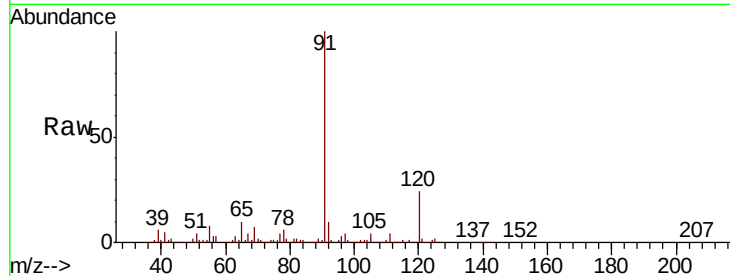
EP1-SBR-3B(17-18FT)1218

Tot Ion: 91 Resp: 7922707

Ion Ratio Lower Upper

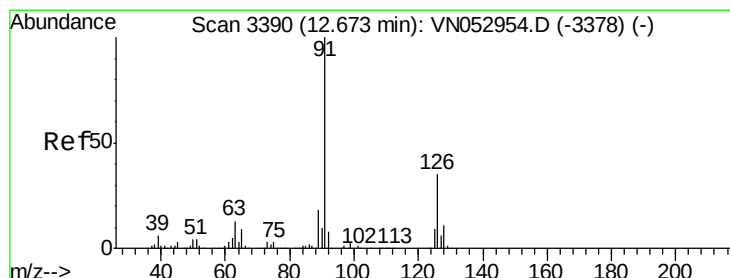
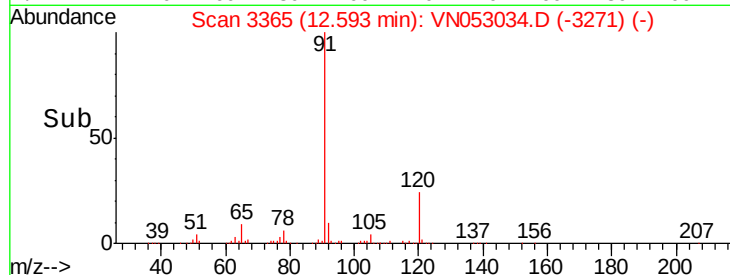
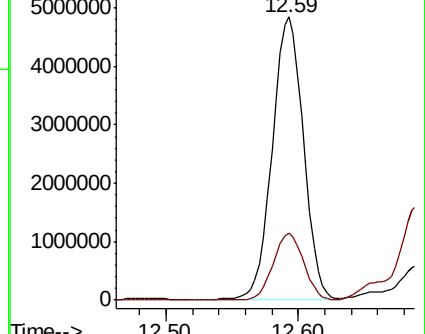
91 100

120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 22.921 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN053034.D

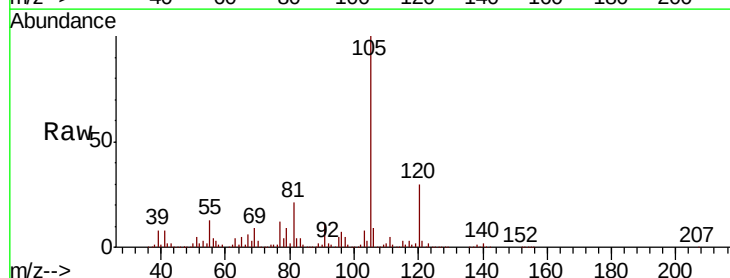
Acq: 20 Dec 2018 2:23

Tgt Ion: 91 Resp: 1118766

Ion Ratio Lower Upper

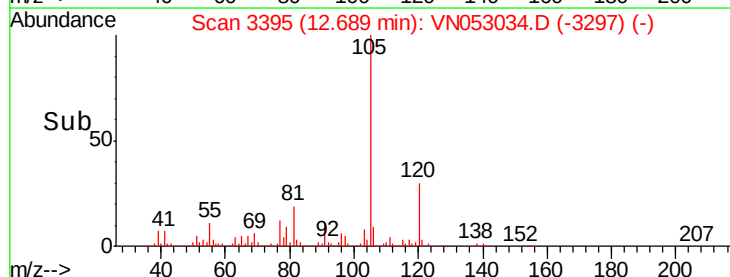
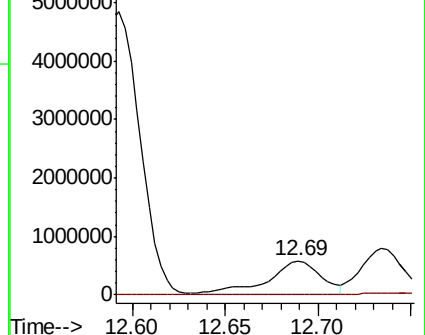
91 100

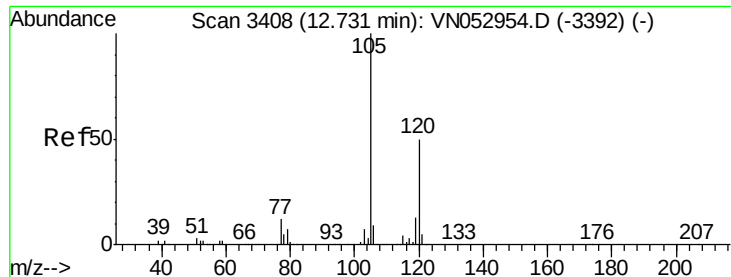
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 211.025 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

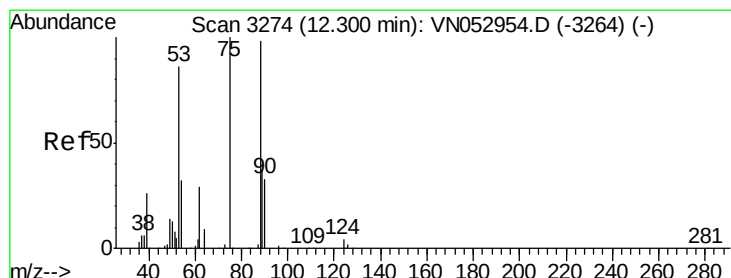
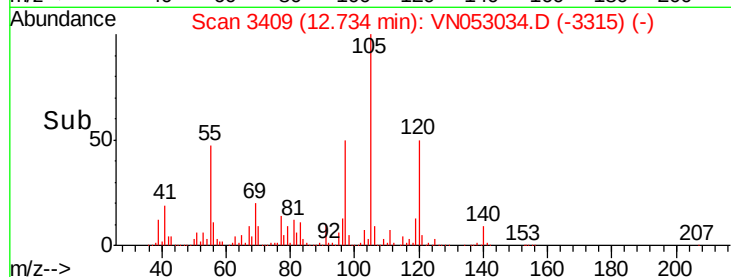
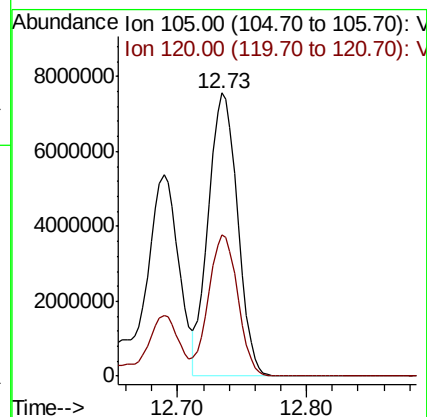
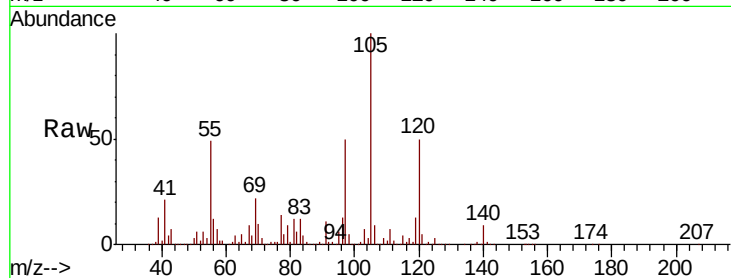
EP1-SBR-3B(17-18FT)1218

Tot Ion:105 Resp:11892594

Ion Ratio Lower Upper

105 100

120 50.5 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 6.269 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

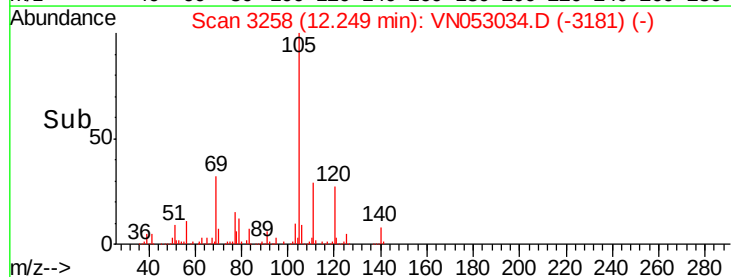
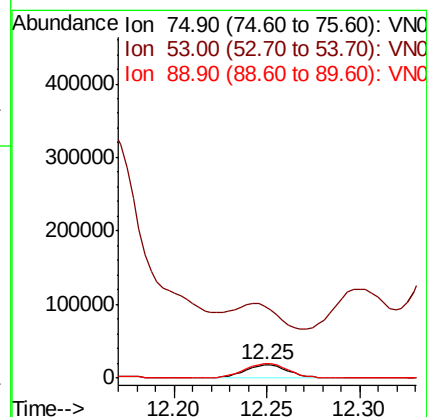
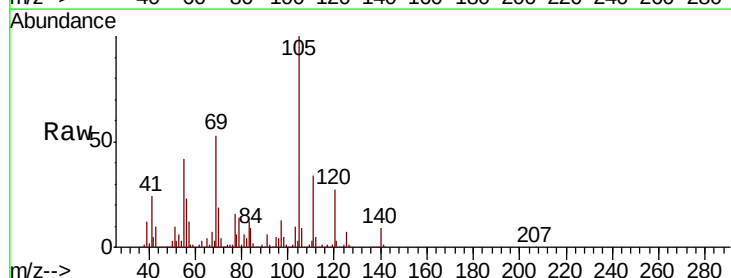
Tgt Ion: 75 Resp: 28936

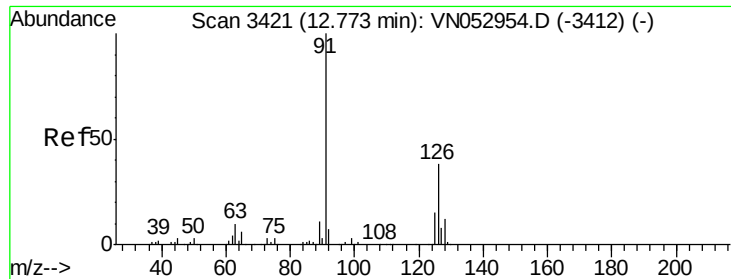
Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 110.9 36.1 54.1#





#82

4-Chlorotoluene

Concen: 25.328 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

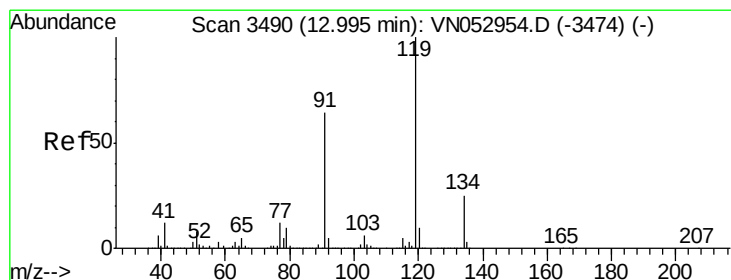
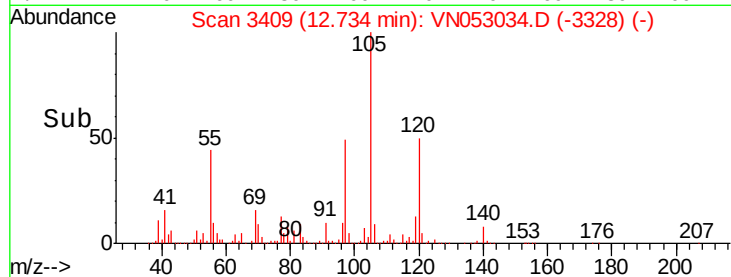
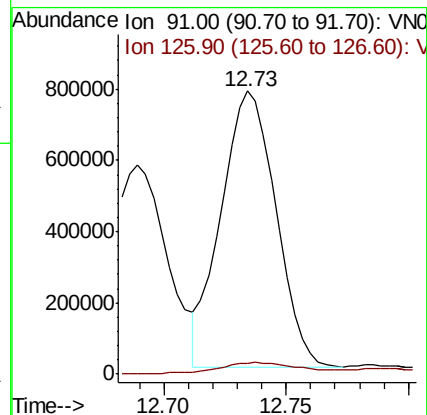
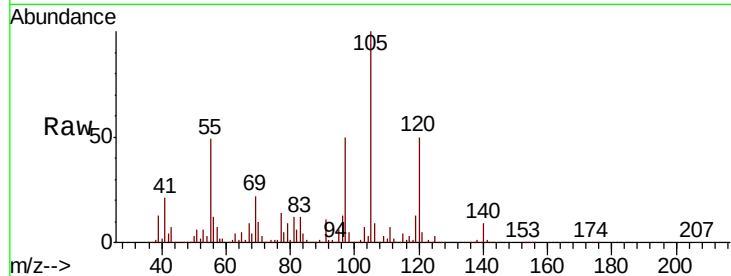
EP1-SBR-3B(17-18FT)1218

Tot Ion: 91 Resp: 1210179

Ion Ratio Lower Upper

91 100

126 5.7 17.3 51.7#



#83

tert-Butylbenzene

Concen: 10.251 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

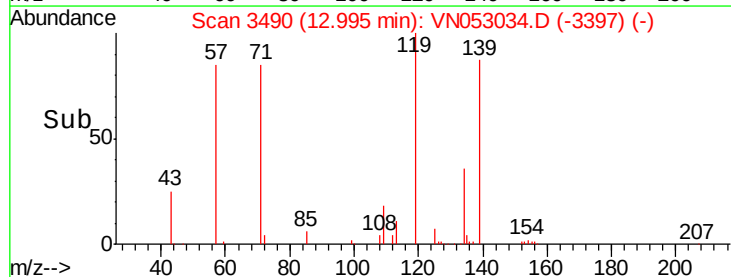
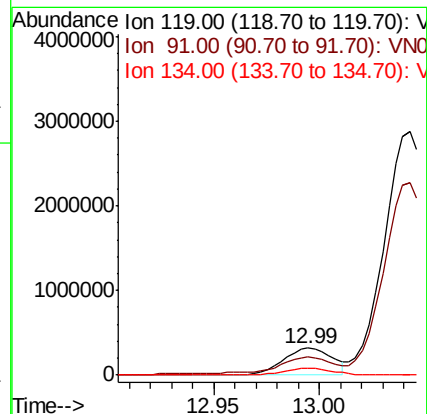
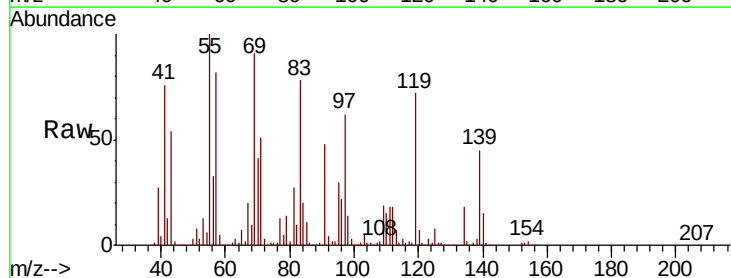
Tgt Ion: 119 Resp: 510917

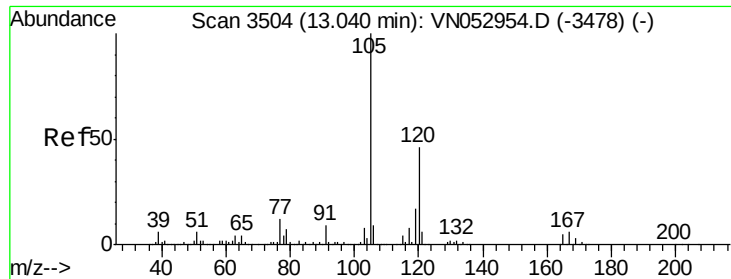
Ion Ratio Lower Upper

119 100

91 70.8 31.9 95.5

134 25.4 12.8 38.4

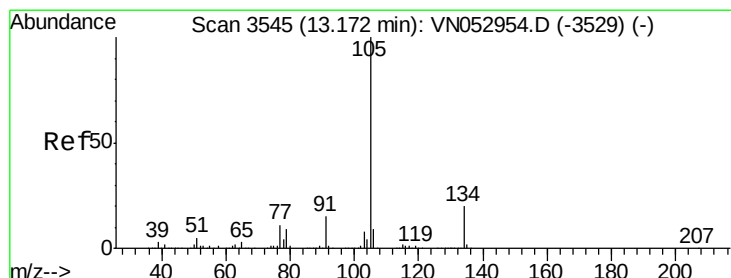
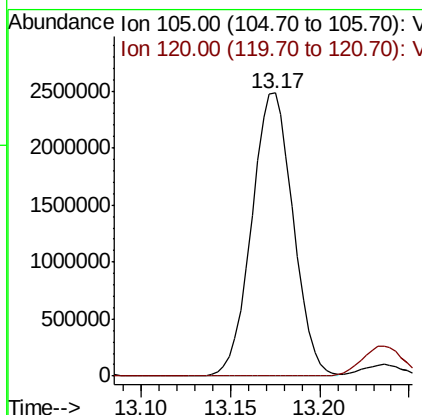
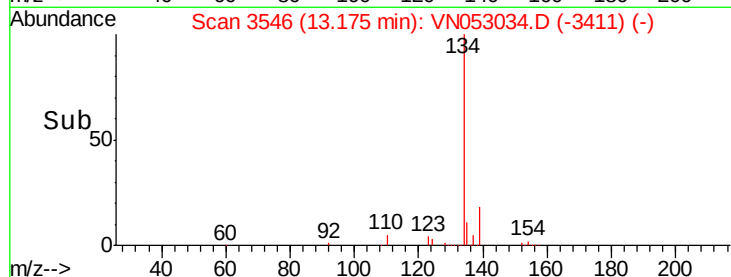
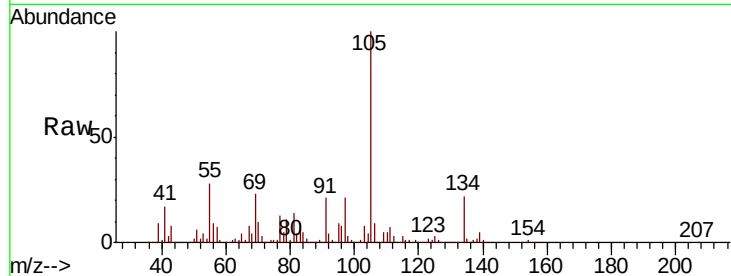




#84
 1,2,4-Trimethylbenzene
 Concen: 70.824 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.13 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

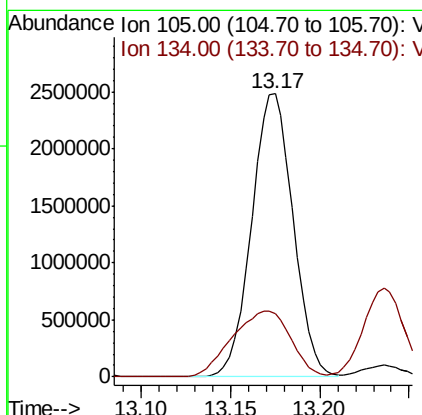
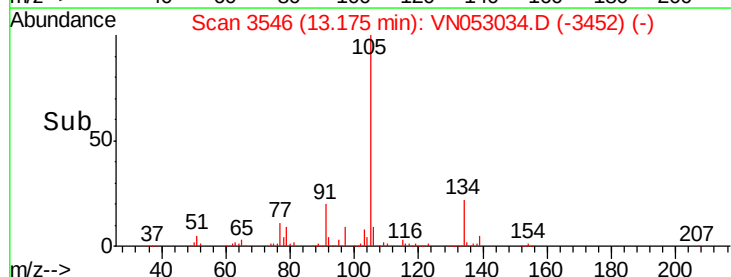
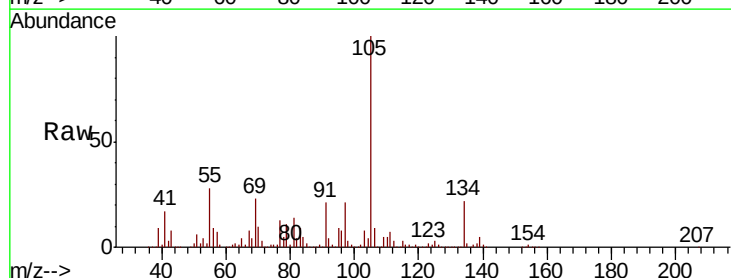
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

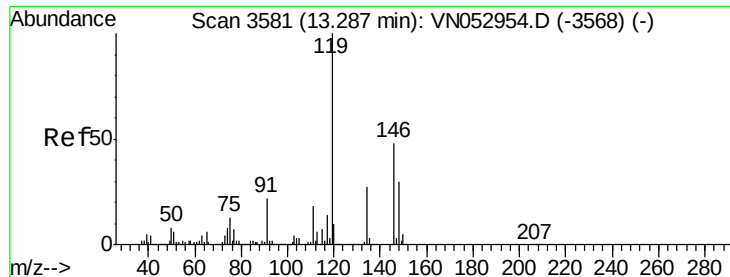
Tot Ion:105 Resp: 4012445
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#



#85
 sec-Butylbenzene
 Concen: 59.518 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Tgt Ion:105 Resp: 4012445
 Ion Ratio Lower Upper
 105 100
 134 32.9 10.1 30.3#

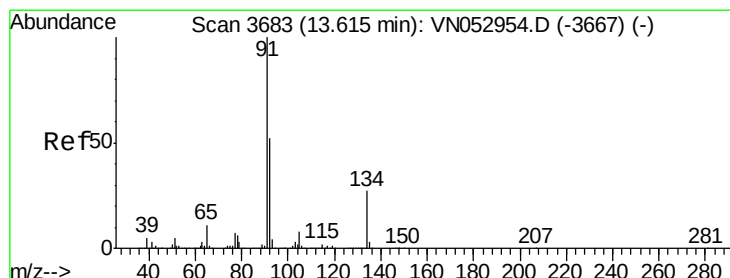
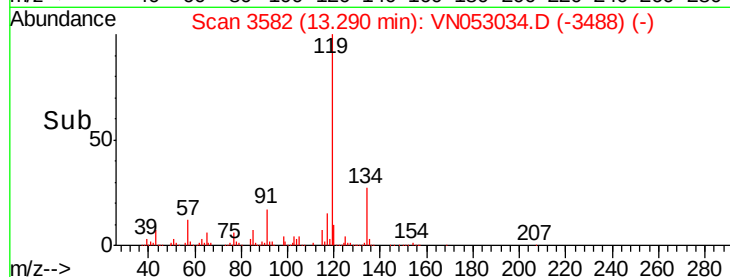
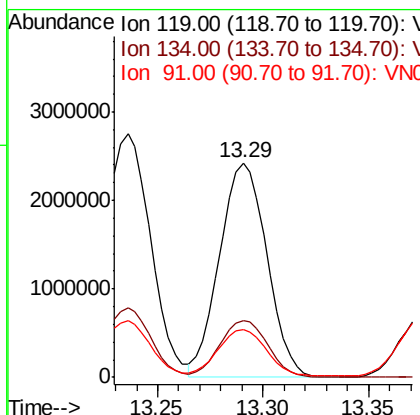
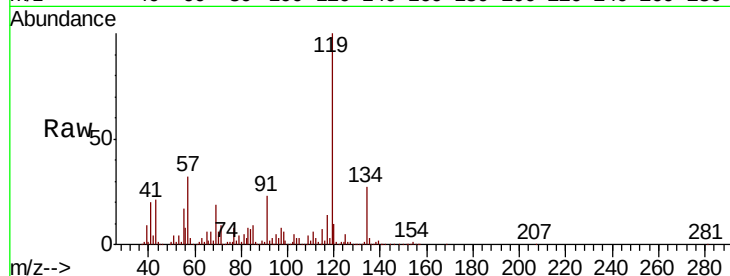




#86
p-Isopropyltoluene
Concen: 64.738 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

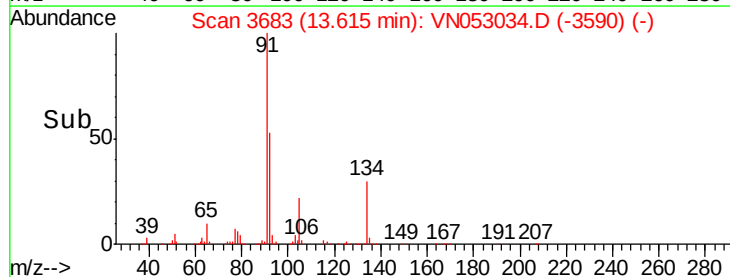
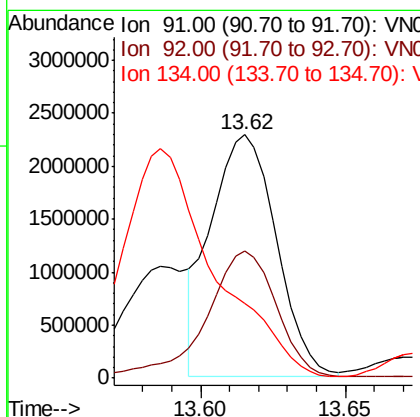
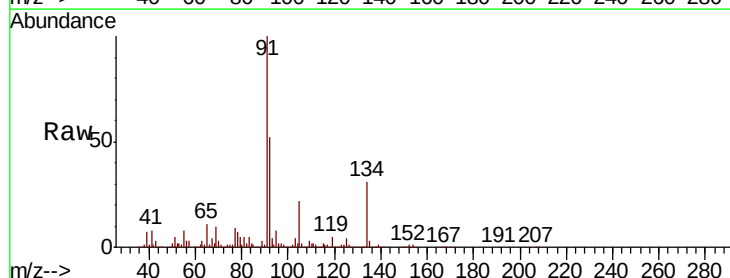
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

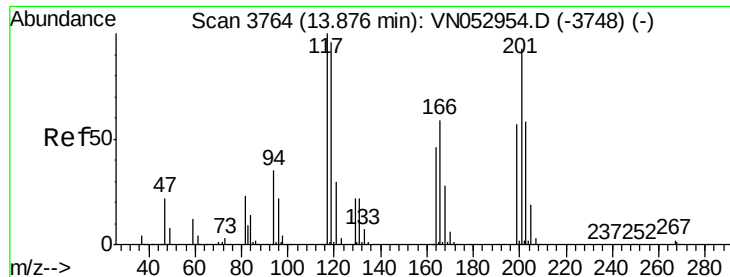
Tot Ion:119 Resp: 3771180
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.2
91 22.1 11.1 33.3



#89
n-Butylbenzene
Concen: 71.018 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 91 Resp: 3559141
Ion Ratio Lower Upper
91 100
92 56.2 26.3 78.9
134 0.0 13.3 39.8#





#90

Hexachloroethane

Concen: 54.745 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

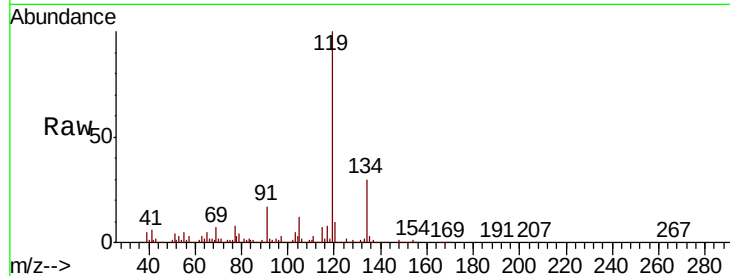
EP1-SBR-3B(17-18FT)1218

Tot Ion:117 Resp: 489391

Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

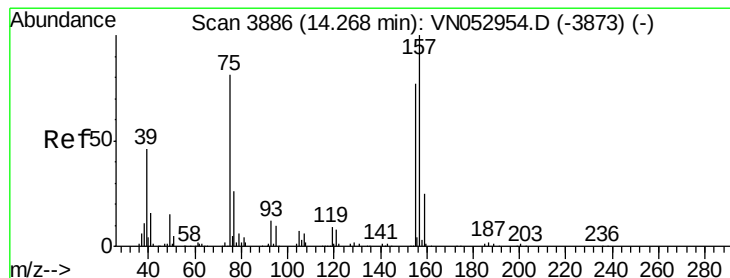
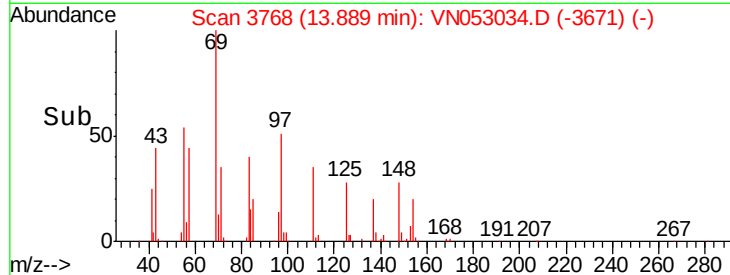
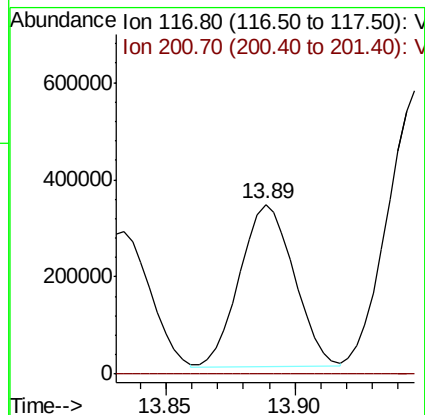
600000

400000

200000

0

13.85 13.90



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.138 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

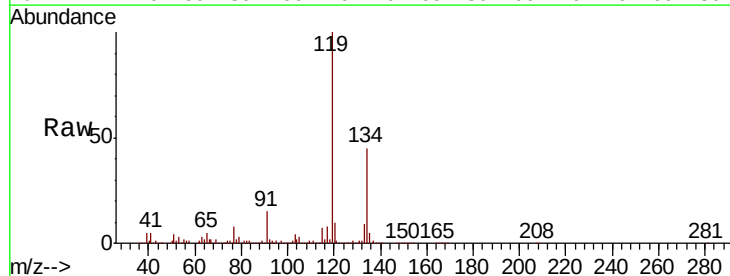
Tgt Ion: 75 Resp: 21431

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

157 0.0 61.2 183.5#



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

20000

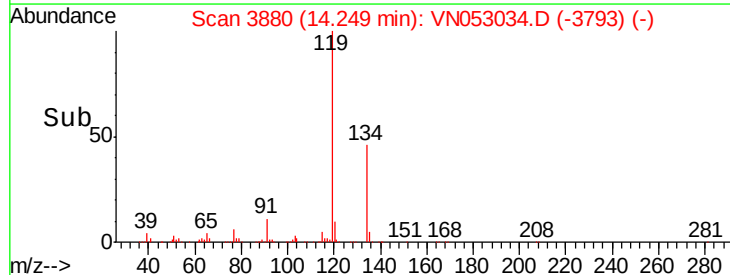
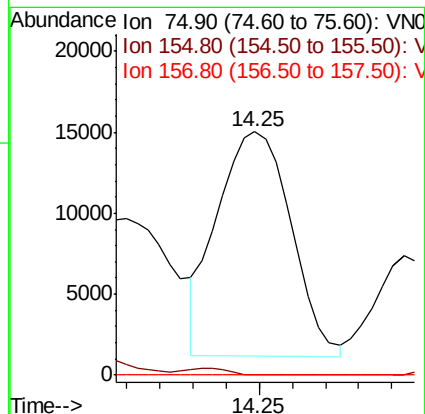
15000

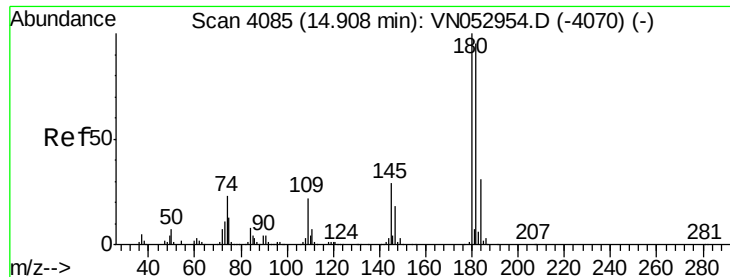
10000

5000

0

14.25





#93

1,2,4-Trichlorobenzene

Concen: 0.664 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

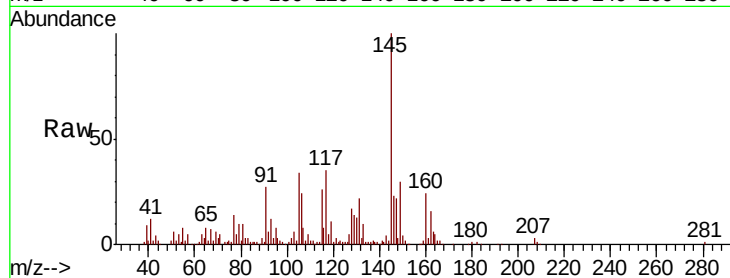
Tot Ion:180 Resp: 1088

Ion Ratio Lower Upper

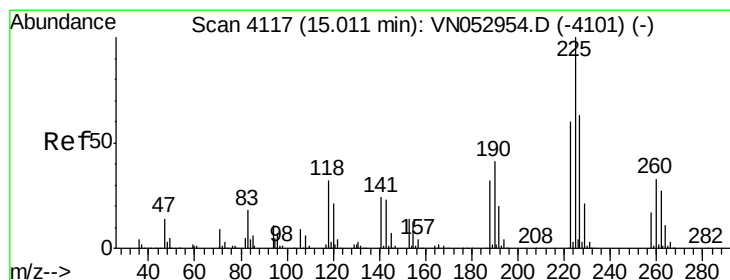
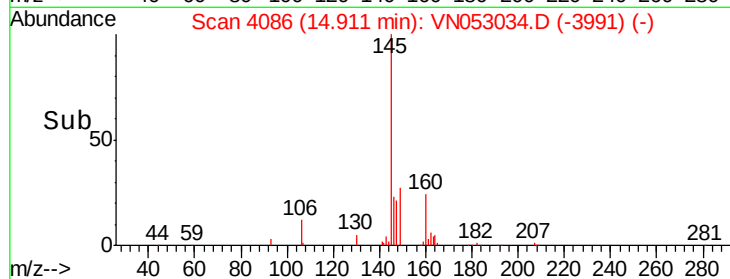
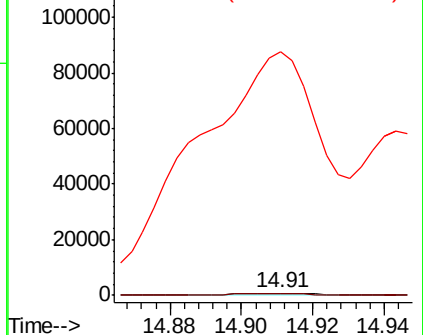
180 100

182 83.1 47.8 143.3

145 20262.5 14.2 42.6#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

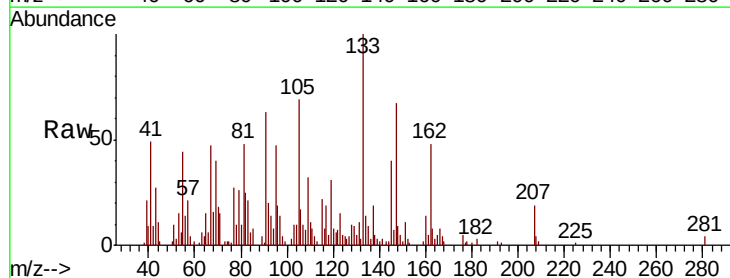
Tgt Ion:225 Resp: 62

Ion Ratio Lower Upper

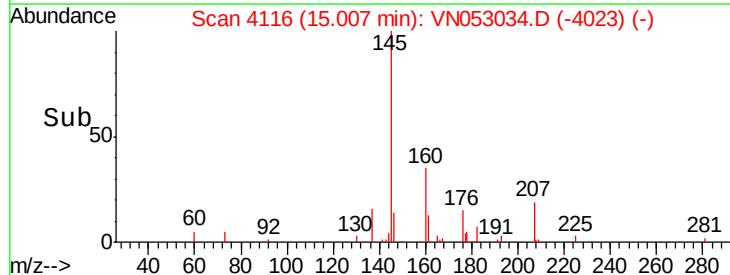
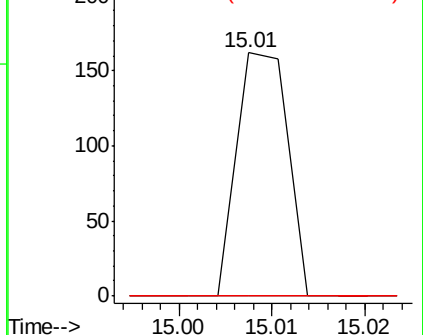
225 100

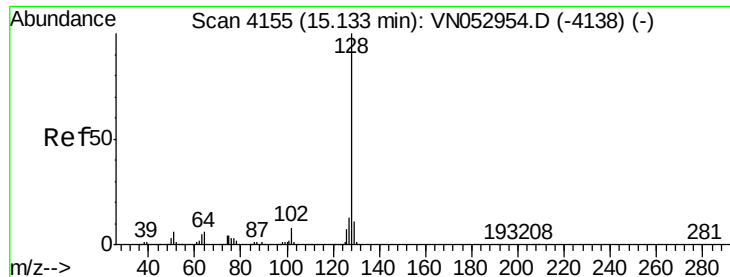
223 0.0 31.5 94.5#

227 0.0 31.9 95.7#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.386 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

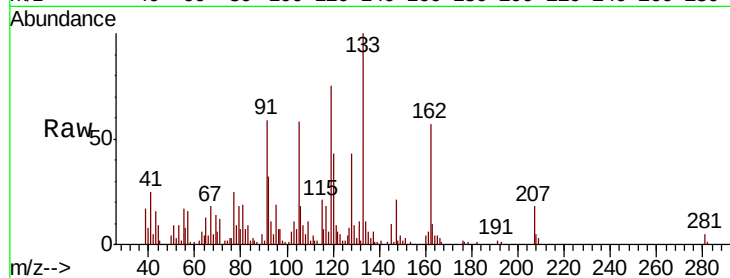
Tot Ion:128 Resp: 8520

Ion Ratio Lower Upper

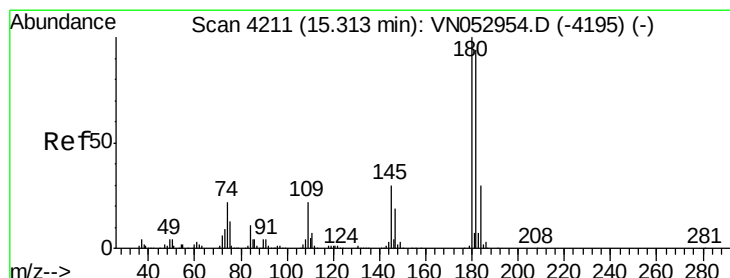
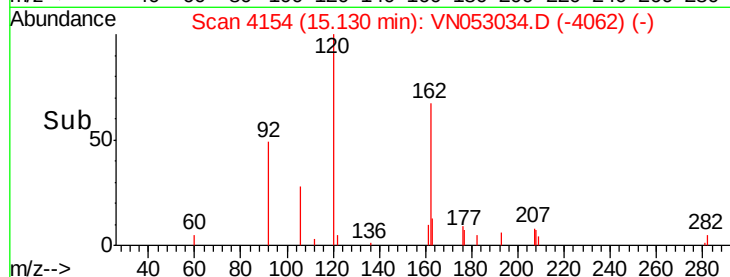
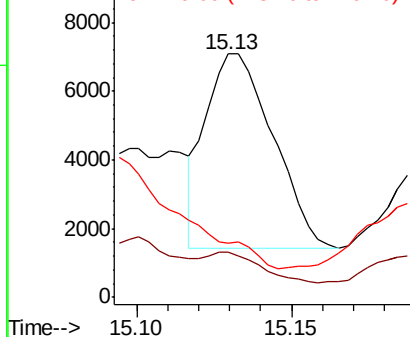
128 100

127 0.0 10.2 15.4#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.515 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

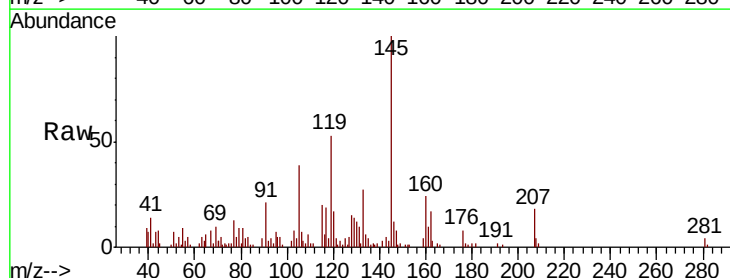
Tgt Ion:180 Resp: 102

Ion Ratio Lower Upper

180 100

182 526.5 47.9 143.7#

145 0.0 15.0 45.0#



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

