

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
 Data File : VN053056.D
 Acq On : 20 Dec 2018 15:01
 Operator : MD\SY
 Sample : J6411-04DL 100X
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2A(15-16FT)1218DL

Quant Time: Dec 21 00:17:30 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	1301302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1996094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1806645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	802187	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	630423	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	7.59	113	519194	56.94	ug/l	0.00
Spiked Amount			Recovery	=	113.88%	
50) Toluene-d8	10.09	98	2429899	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	855637	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1399	0.540	ug/l #	88
18) Methyl Acetate	4.33	43	1604	1.126	ug/l #	73
31) Cyclohexane	7.66	56	21845	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	85672	4.472	ug/l #	49
38) Carbon Tetrachloride	7.66	117	113841	6.483	ug/l #	15
39) Methylcyclohexane	9.08	83	8301	0.357	ug/l	96
43) Isopropyl Acetate	8.22	43	19413	Below Cal	#	53
55) 1,1,2-Trichloroethane	10.53	97	15271	1.239	ug/l #	19
56) Ethyl methacrylate	10.43	69	7104	0.436	ug/l #	18
59) 2-Hexanone	10.72	43	62106	8.862	ug/l #	27
67) Ethyl Benzene	11.51	91	20141	0.292	ug/l	97
68) m/p-Xylenes	11.63	106	49384	1.886	ug/l	93
71) Bromoform	12.40	173	5180	0.515	ug/l #	1
73) Isopropylbenzene	12.25	105	340039	5.418	ug/l	100
74) N-amyl acetate	12.04	43	239889	13.766	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.47	83	22877	1.858	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	391256	28.973	ug/l #	100
78) n-propylbenzene	12.59	91	793061	11.094	ug/l	100
79) 2-Chlorotoluene	12.69	91	104587	2.360	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	607915	11.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	391256	93.385	ug/l #	13
82) 4-Chlorotoluene	12.73	91	67220	1.550	ug/l #	50
83) tert-Butylbenzene	12.99	119	73318	1.620	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	4723068	91.838	ug/l	99
85) sec-Butylbenzene	13.17	105	531438	8.684	ug/l #	75
86) p-Isopropyltoluene	13.29	119	440332	8.327	ug/l	99
89) n-Butylbenzene	13.62	91	605522	13.310	ug/l #	73
90) Hexachloroethane	13.89	117	61883	7.626	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2807	1.318	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	346	0.620	ug/l #	1
95) Naphthalene	15.13	128	17796	1.698	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	171	0.521	ug/l #	27

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Response via : Initial Calibration

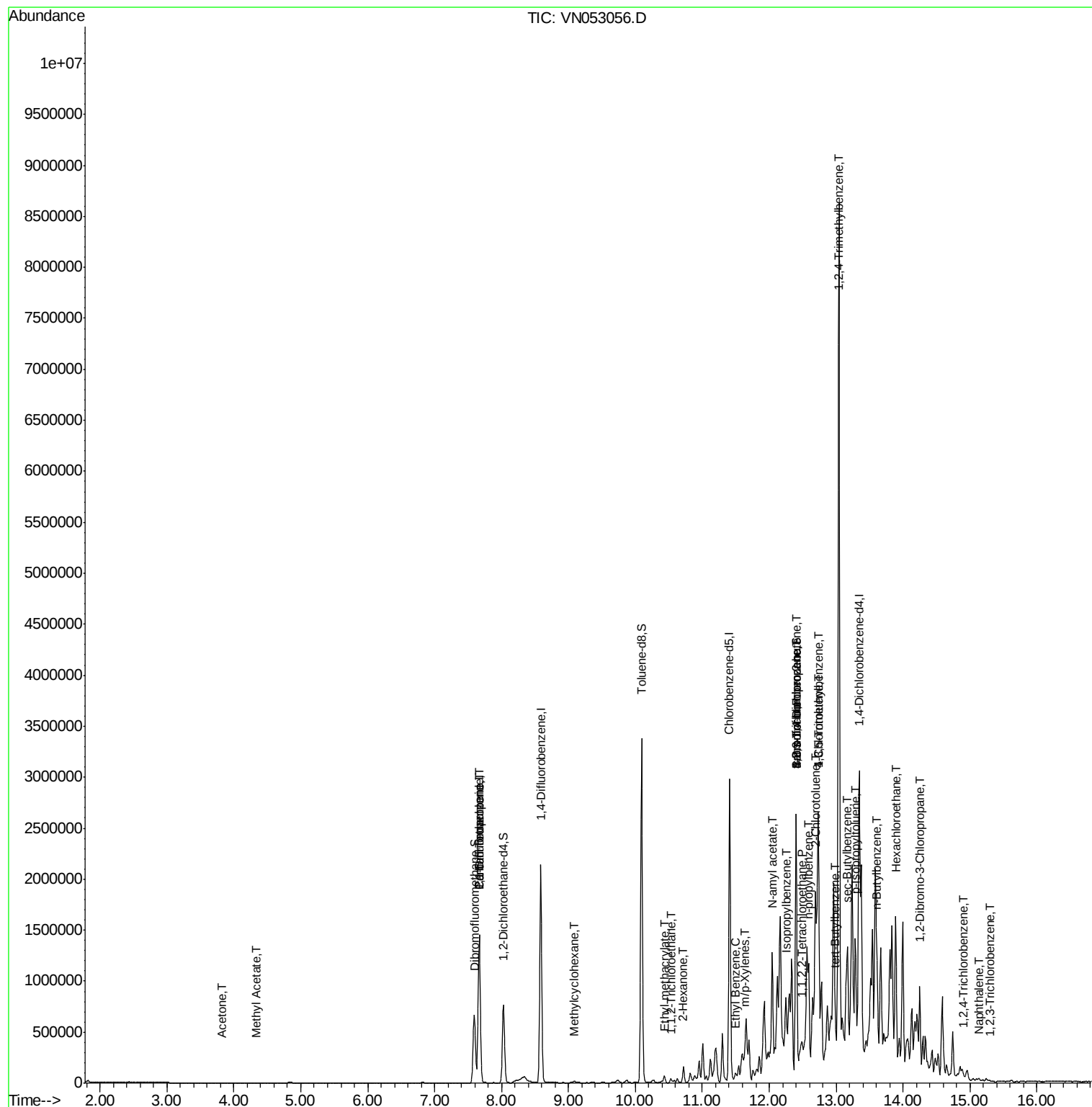
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

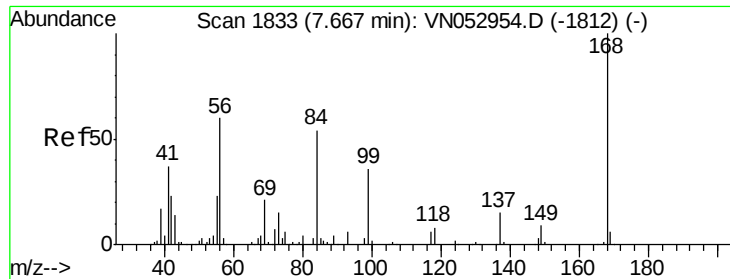
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

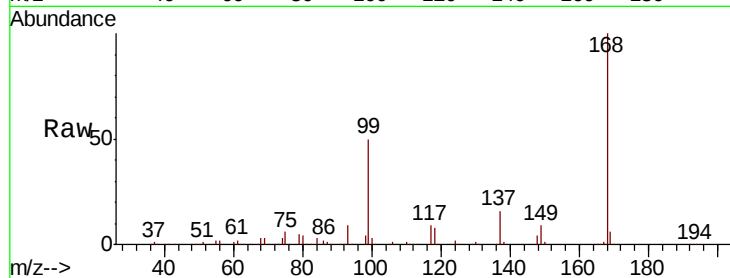
EP1-SBR-2A(15-16FT)1218DL

Tot Ion:168 Resp: 1301302

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

600000

500000

400000

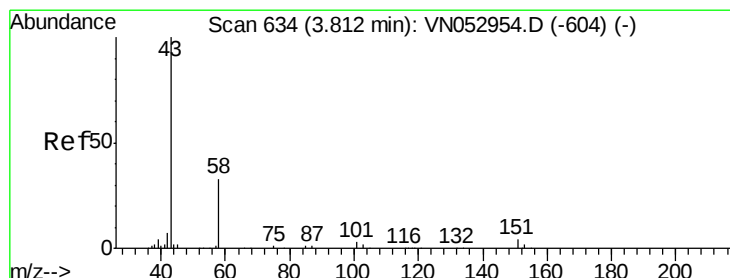
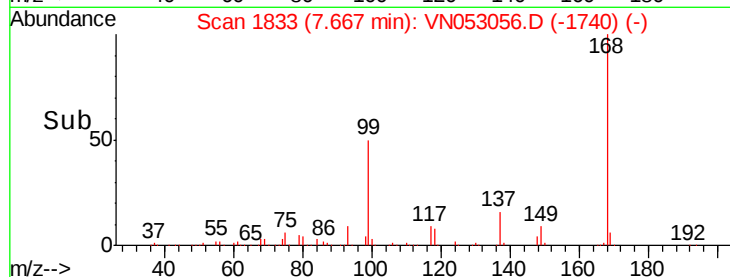
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 0.540 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053056.D

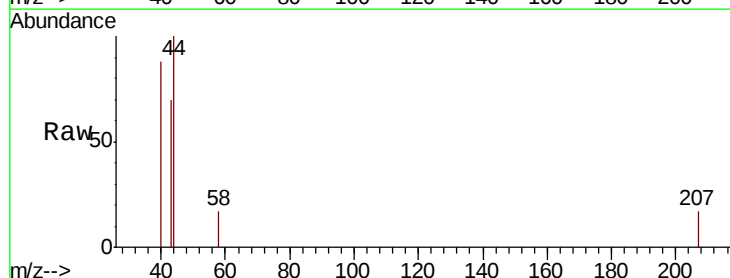
Acq: 20 Dec 2018 15:01

Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

43 100

58 24.8 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.82

800

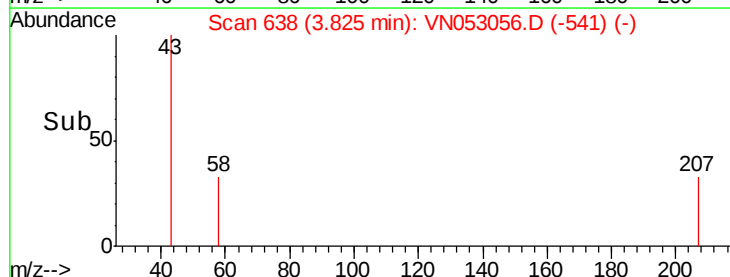
600

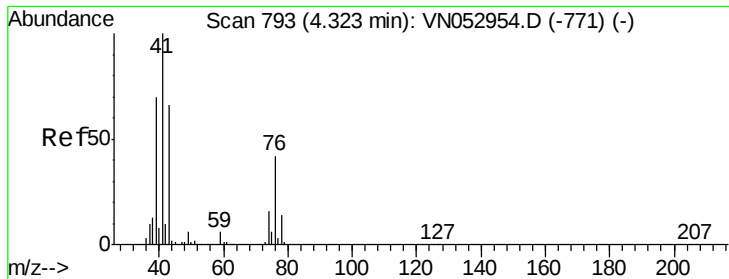
400

200

0

Time--> 3.78 3.80 3.82 3.84

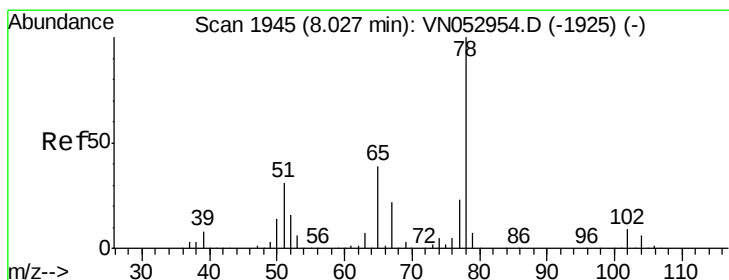
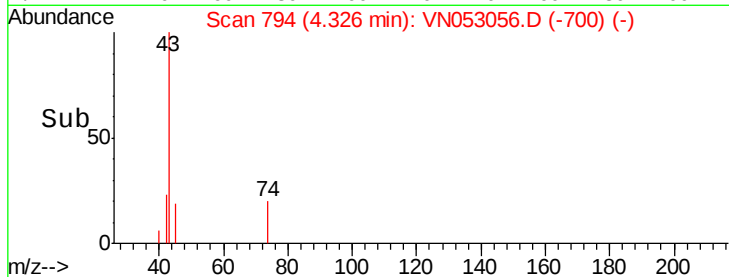
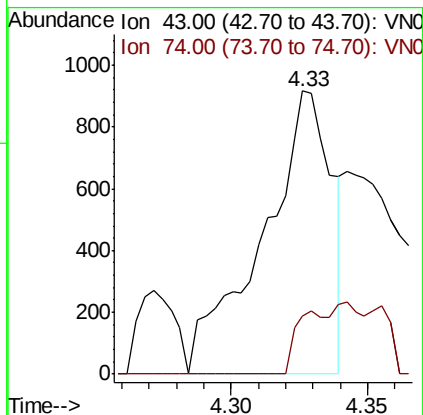
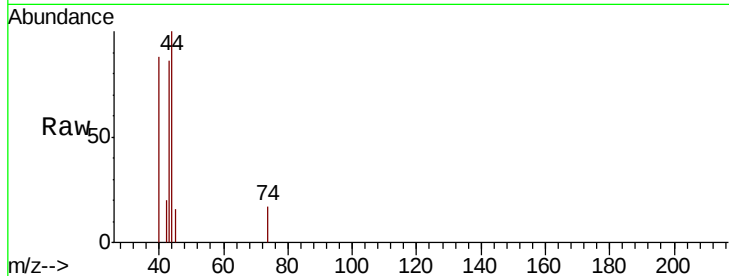




#18
Methyl Acetate
Concen: 1.126 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

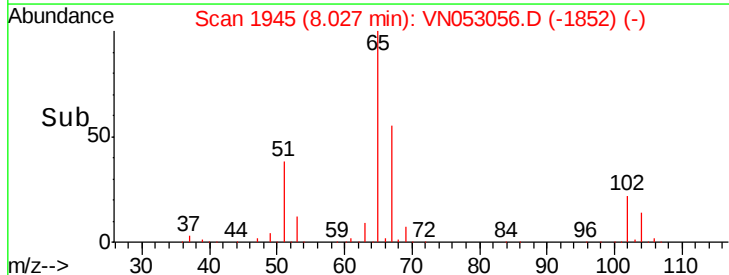
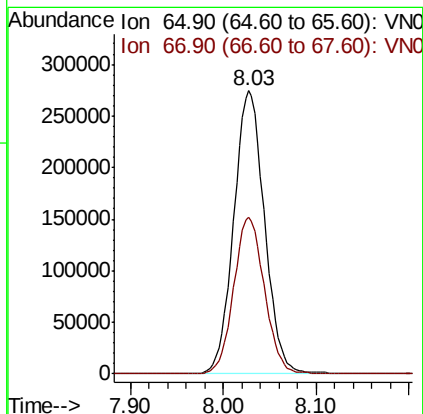
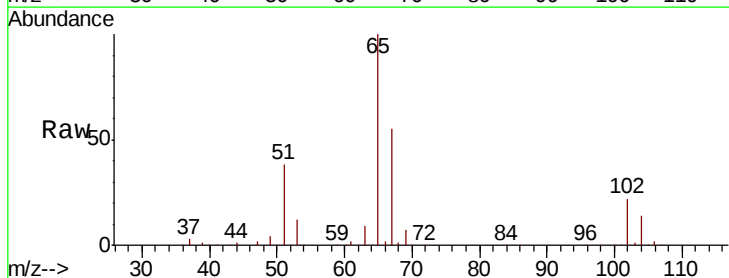
Instrument :
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EP1-SBR-2A(15-16FT)1218DL

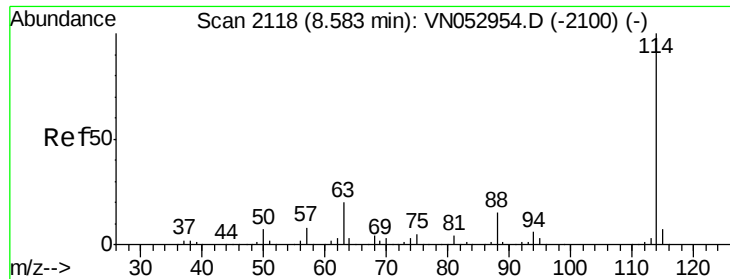
Tot Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
74 10.9 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion: 65 Resp: 630423
Ion Ratio Lower Upper
65 100
67 55.3 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: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

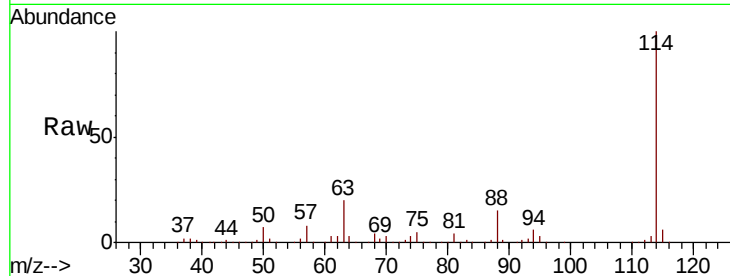
Tot Ion:114 Resp: 1996094

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

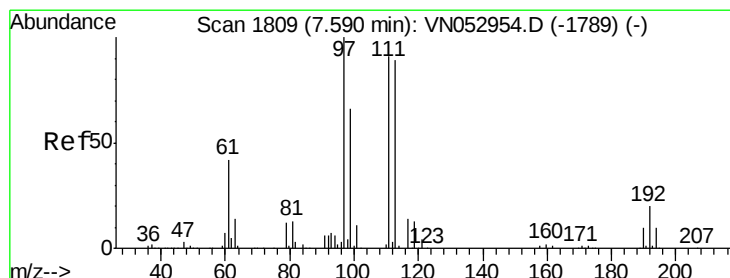
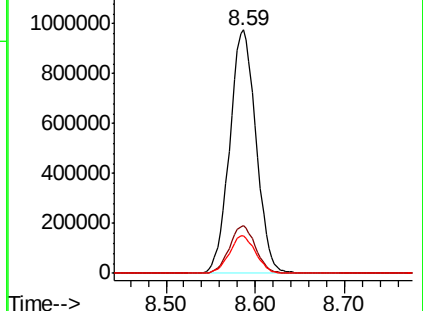
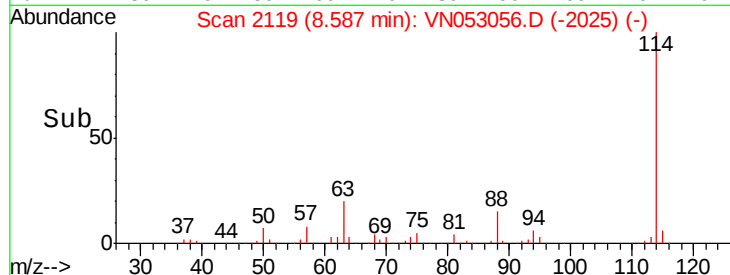
88 15.3 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

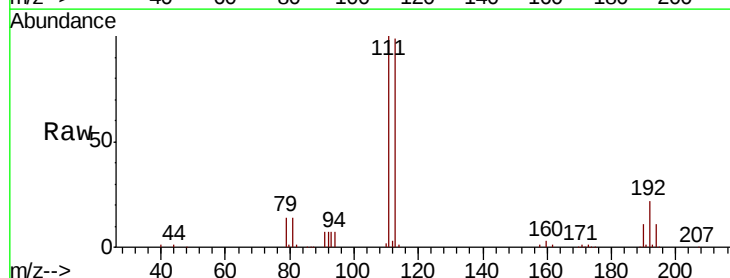
Tgt Ion:113 Resp: 519194

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

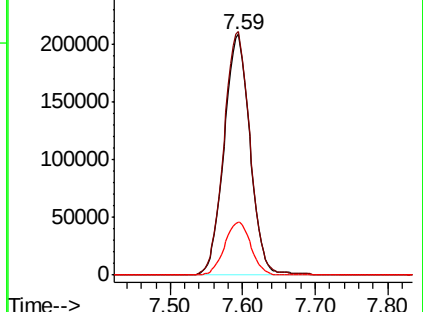
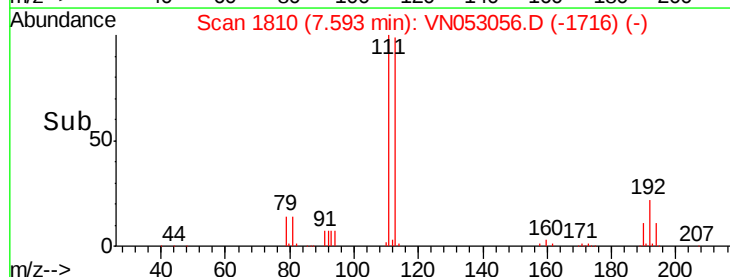
192 22.3 17.5 26.3

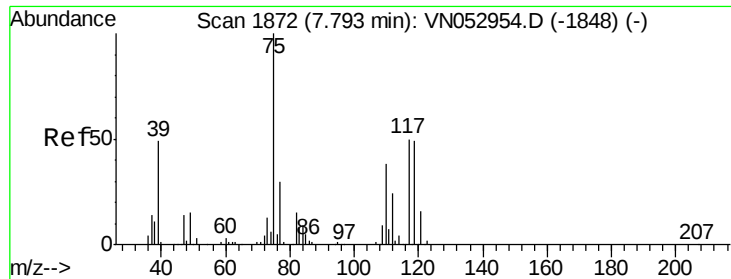


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

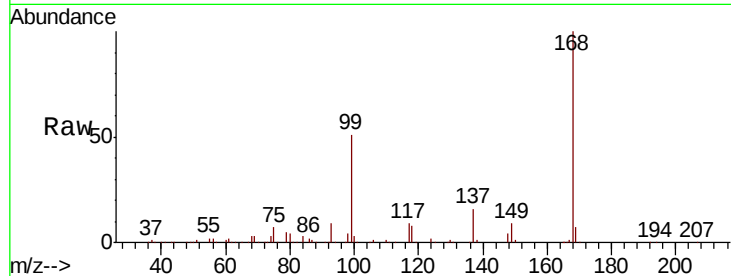




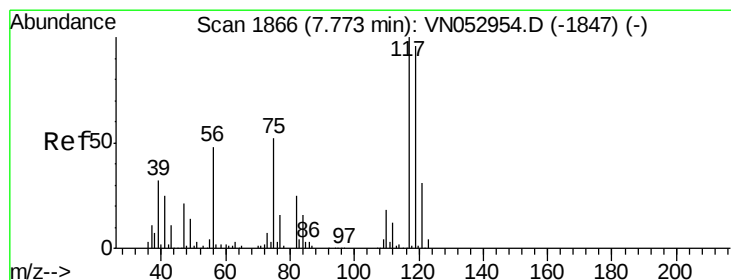
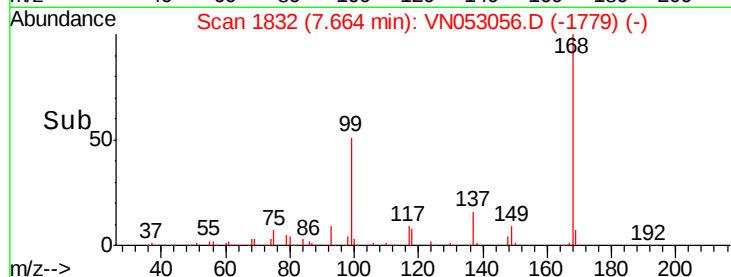
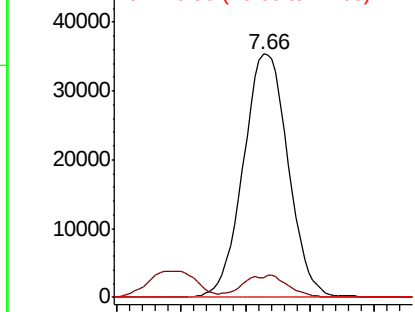
#36
 1,1-Dichloropropene
 Concen: 4.472 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

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Tot Ion	75	Resp	85672
Ion Ratio	Lower	Upper	
75	100		
110	9.1	18.2	54.6#
77	0.0	24.9	37.3#

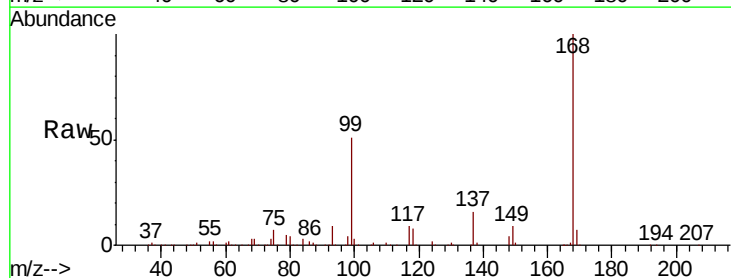


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

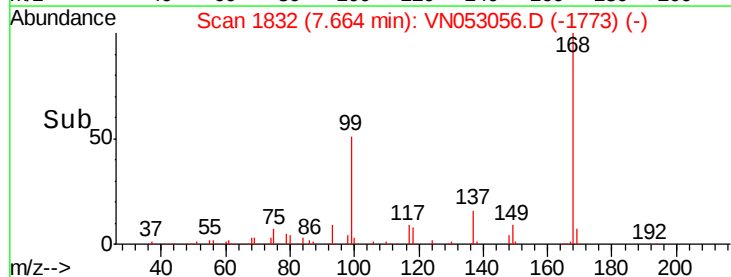
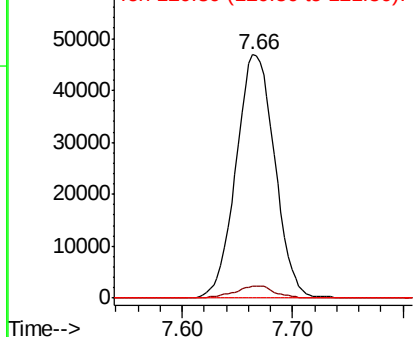


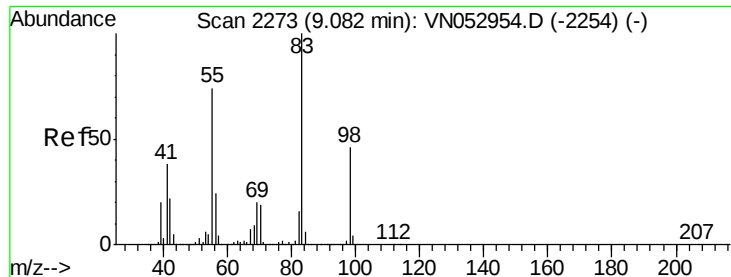
#38
 Carbon Tetrachloride
 Concen: 6.483 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Tgt Ion	117	Resp	113841
Ion Ratio	Lower	Upper	
117	100		
119	4.7	77.1	115.7#
121	0.0	24.9	37.3#



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

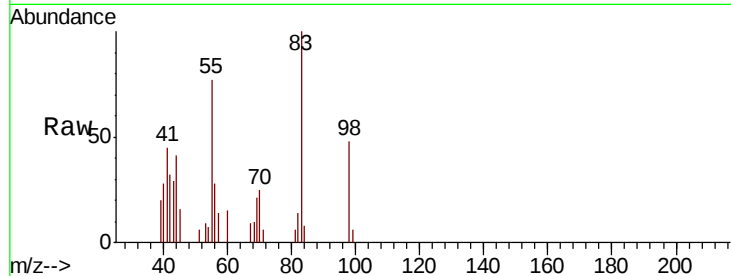




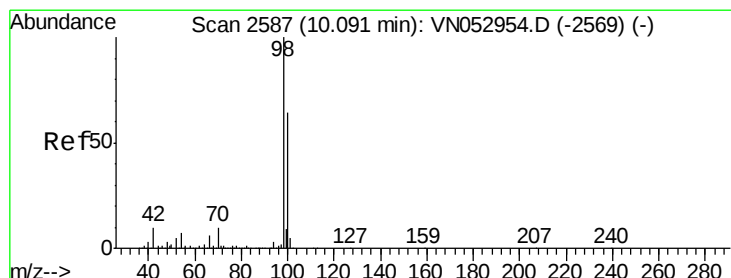
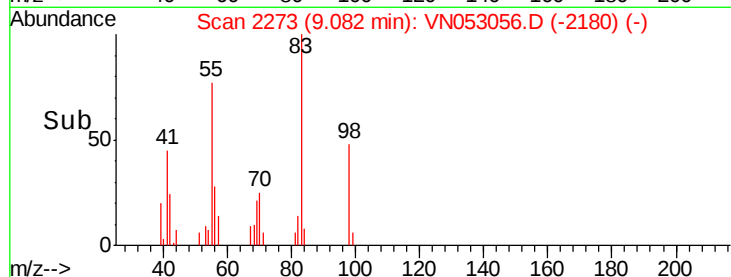
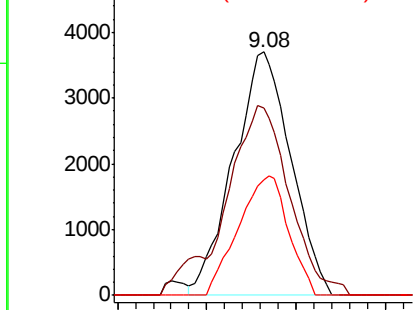
#39
Methylcyclohexane
Concen: 0.357 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053056.D
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Tot Ion: 83 Resp: 8301
Ion Ratio Lower Upper
83 100
55 72.0 61.3 91.9
98 47.6 37.0 55.4

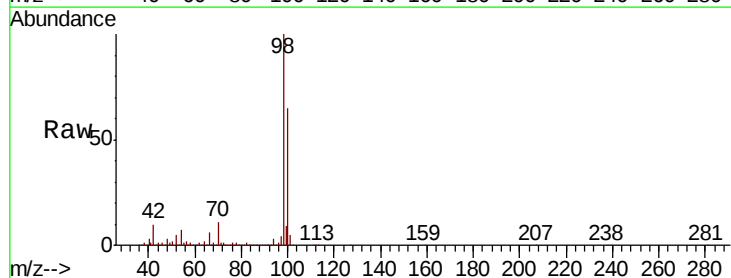


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

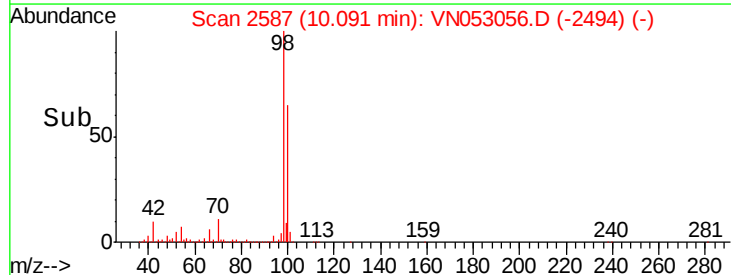
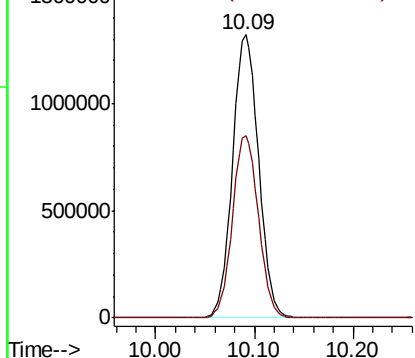


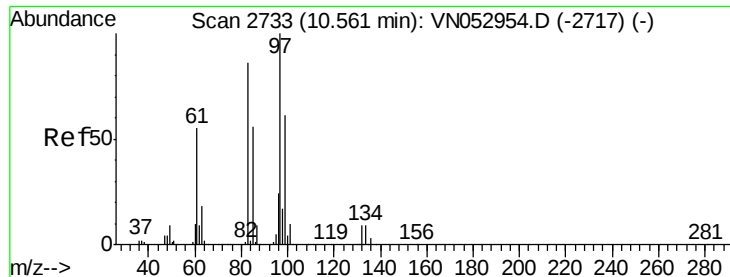
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion: 98 Resp: 2429899
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#55

1,1,2-Trichloroethane

Concen: 1.239 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

Tot Ion: 97 Resp: 15271

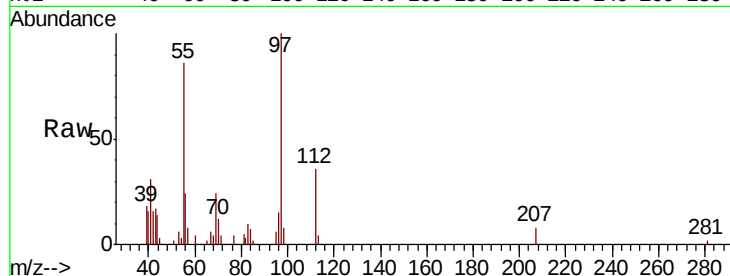
Ion Ratio Lower Upper

97 100

83 9.7 70.9 106.3#

85 2.5 45.4 68.2#

99 0.0 50.4 75.6#

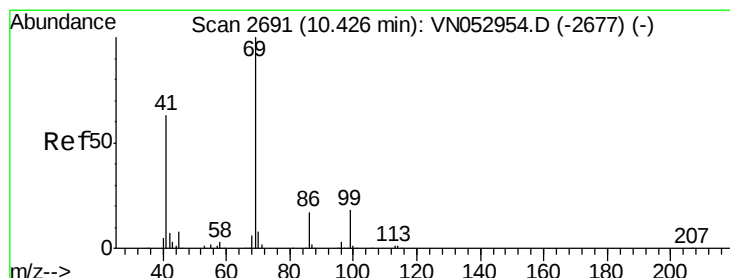
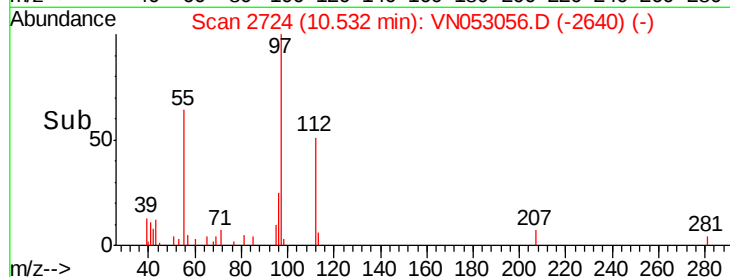
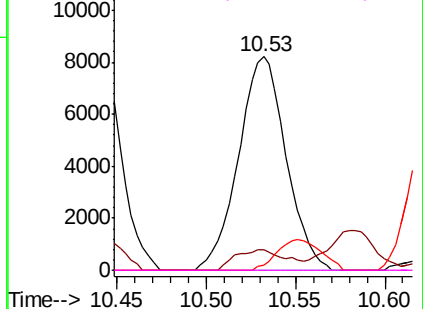


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.436 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

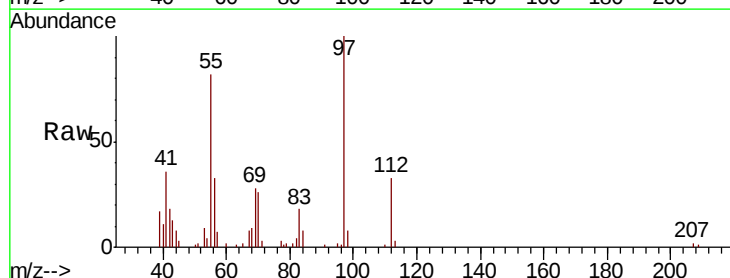
Tgt Ion: 69 Resp: 7104

Ion Ratio Lower Upper

69 100

41 137.0 51.7 77.5#

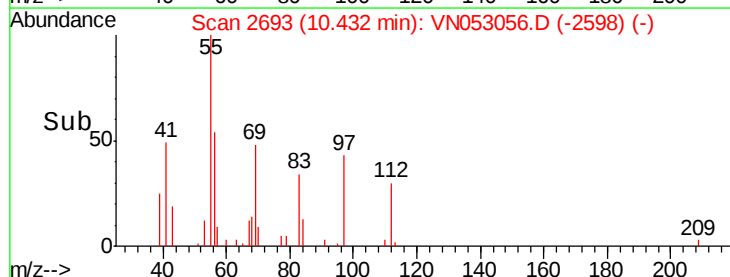
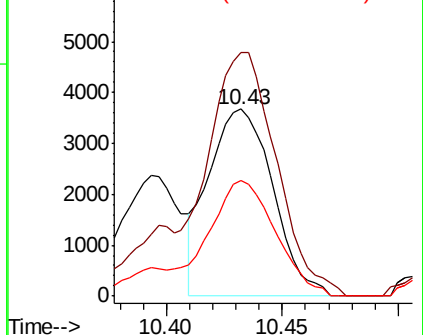
39 63.8 24.6 37.0#

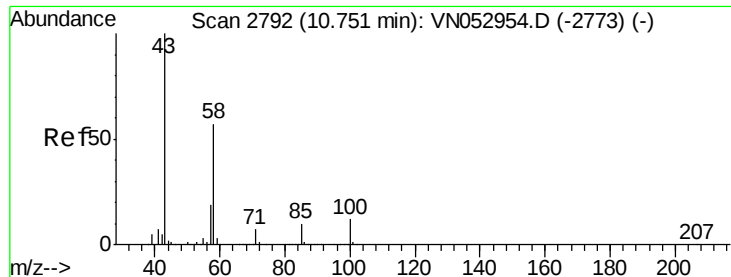


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

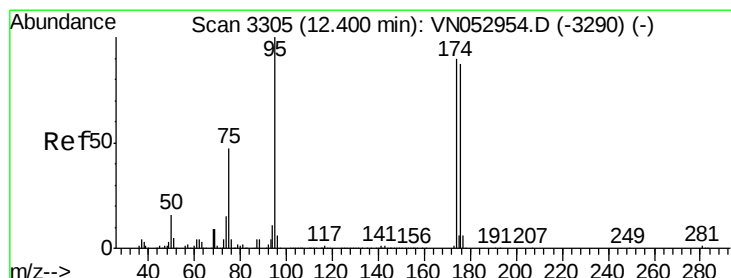
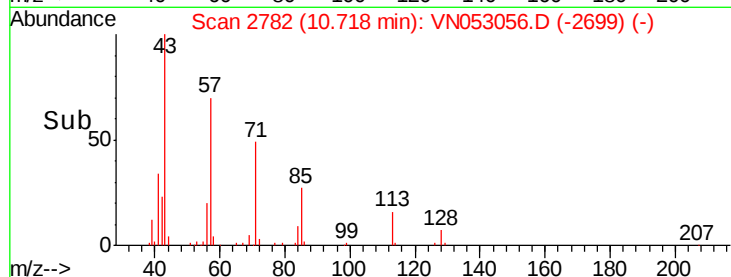
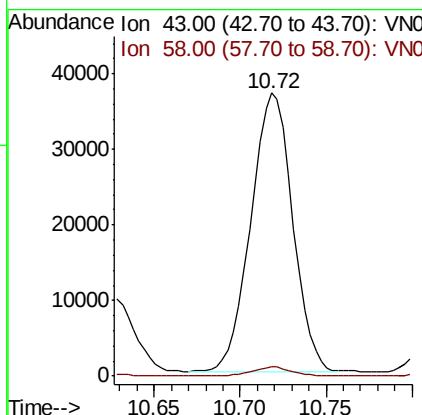
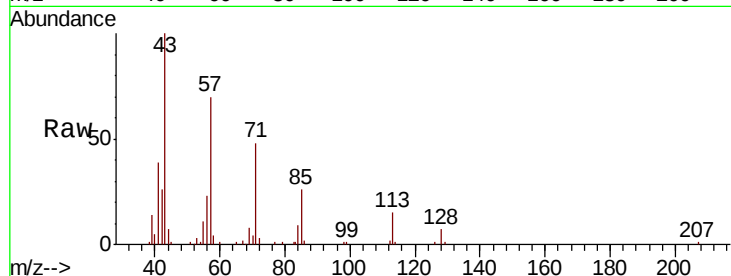




#59
2-Hexanone
Concen: 8.862 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

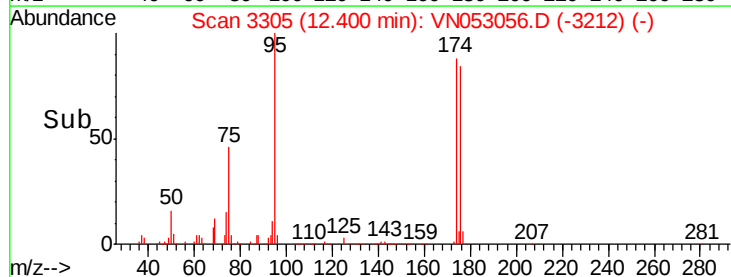
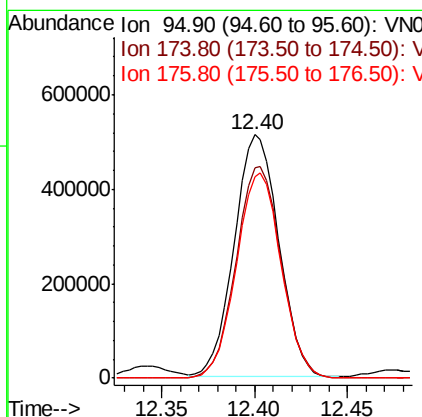
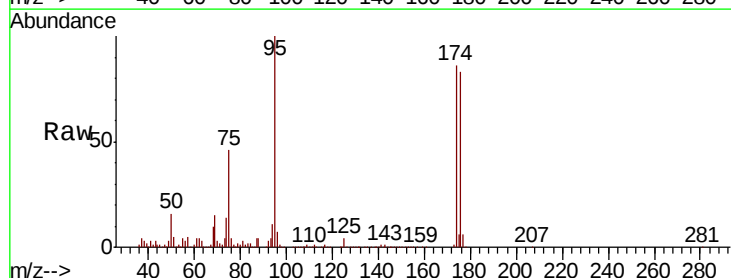
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2A(15-16FT)1218DL

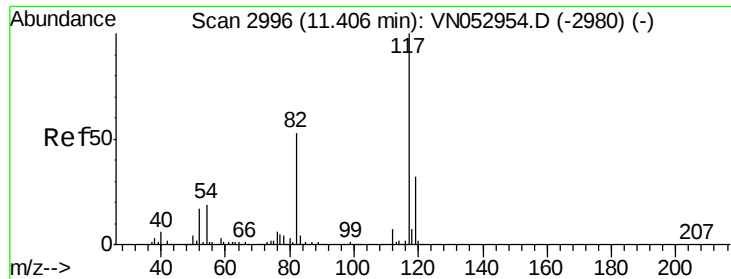
Tot Ion: 43 Resp: 62106
Ion Ratio Lower Upper
43 100
58 3.1 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion: 95 Resp: 855637
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.8
176 85.2 0.0 173.8

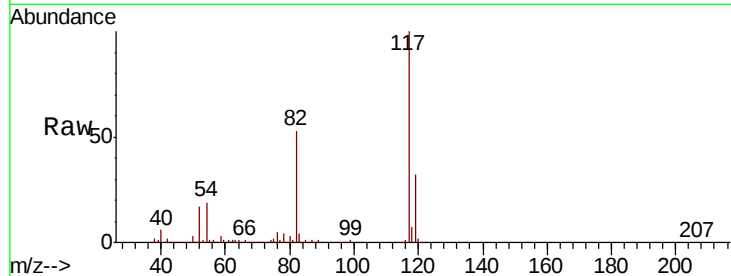




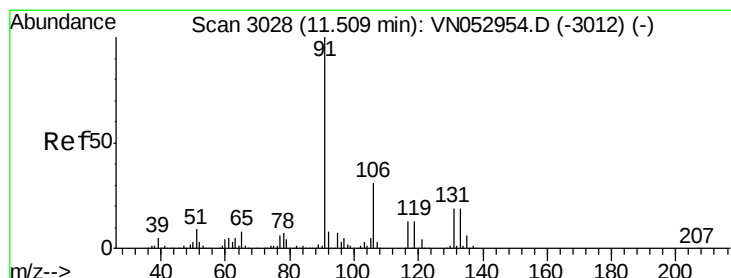
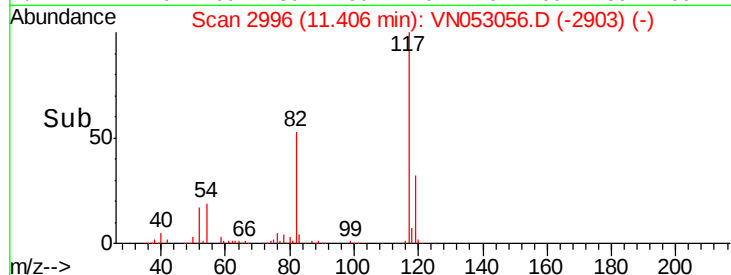
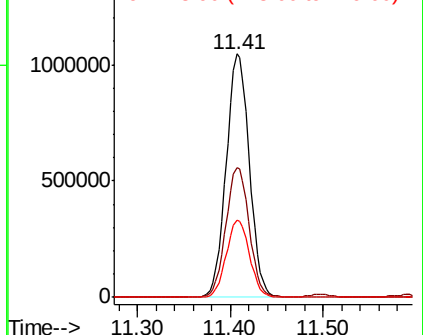
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2A(15-16FT)1218DL

Tot Ion:117 Resp: 1806645
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.7 25.5 38.3

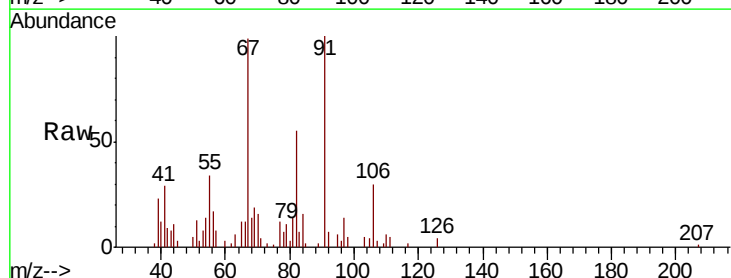


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

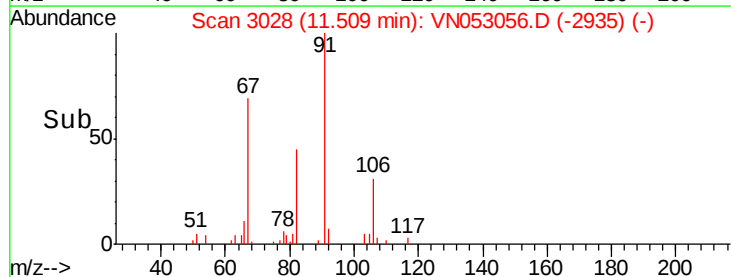
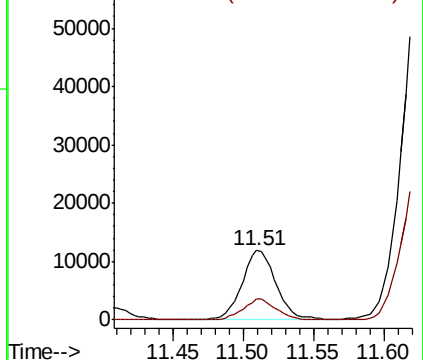


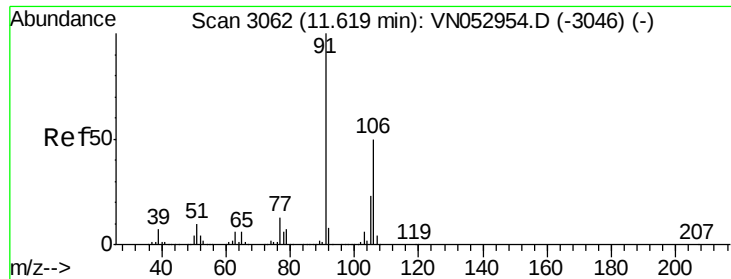
#67
Ethyl Benzene
Concen: 0.292 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion: 91 Resp: 20141
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3



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

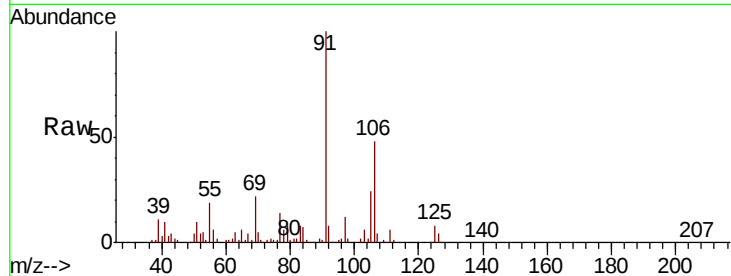




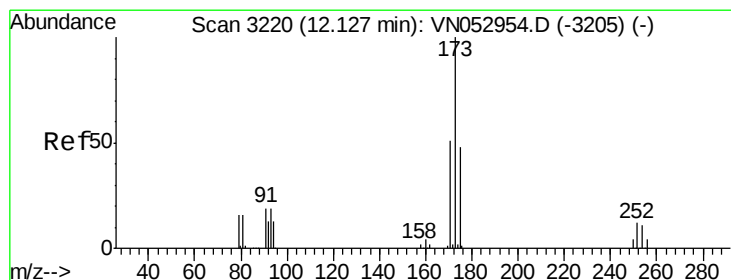
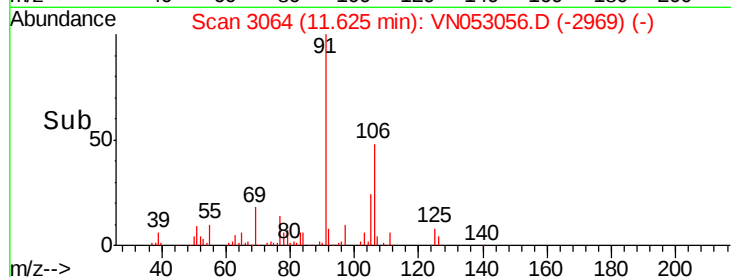
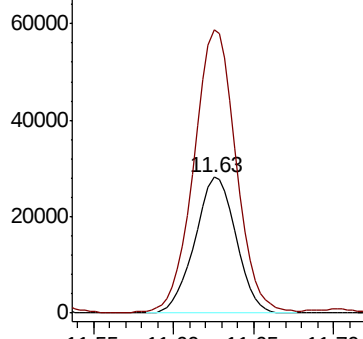
#68
m/p-Xvlenes
Concen: 1.886 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2A(15-16FT)1218DL

Tot Ion:106 Resp: 49384
Ion Ratio Lower Upper
106 100
91 213.9 162.2 243.4

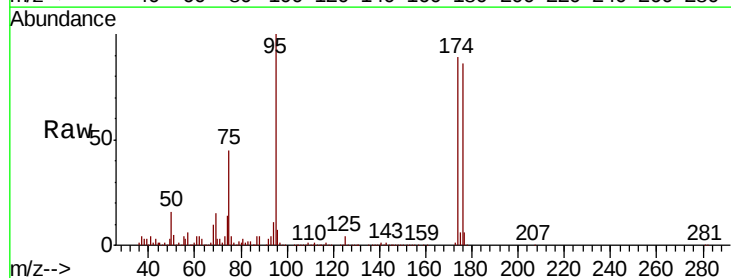


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

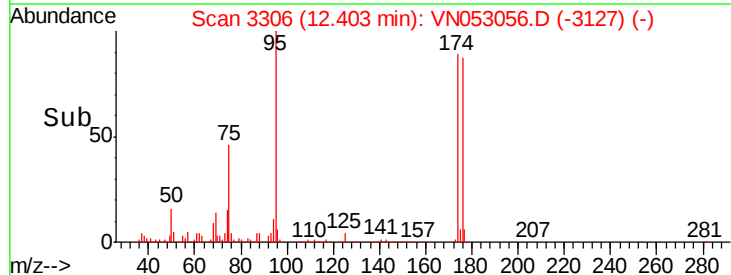
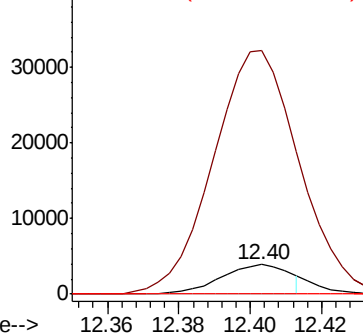


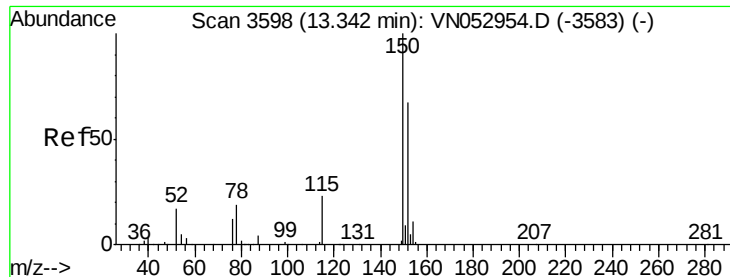
#71
Bromoform
Concen: 0.515 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion:173 Resp: 5180
Ion Ratio Lower Upper
173 100
175 901.4 24.3 72.9#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

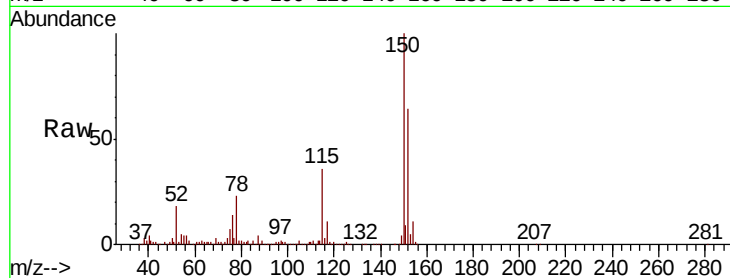
Tot Ion:152 Resp: 802187

Ion Ratio Lower Upper

152 100

115 60.9 28.3 85.0

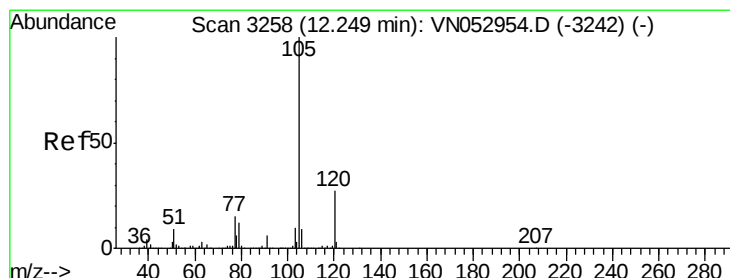
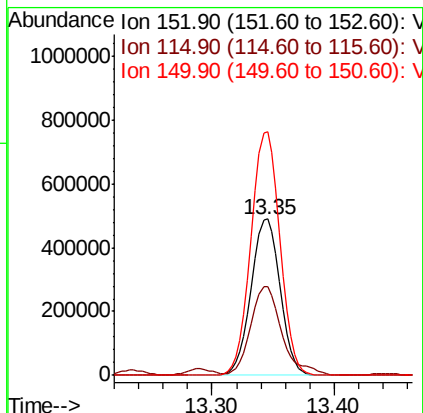
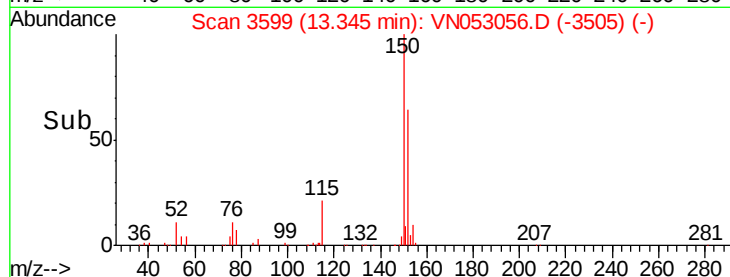
150 155.1 0.0 347.8



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: 5.418 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053056.D

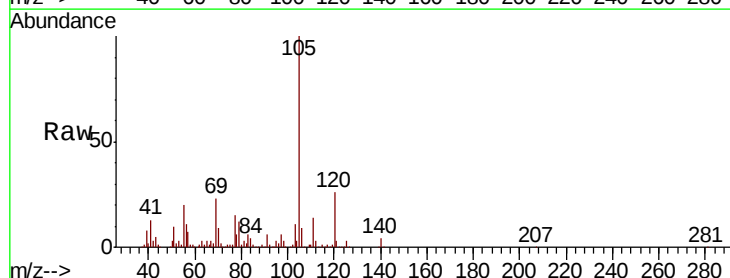
Acq: 20 Dec 2018 15:01

Tgt Ion:105 Resp: 340039

Ion Ratio Lower Upper

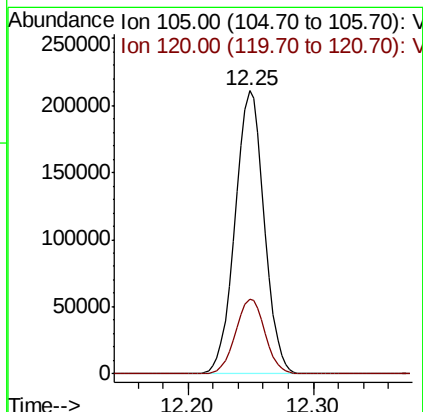
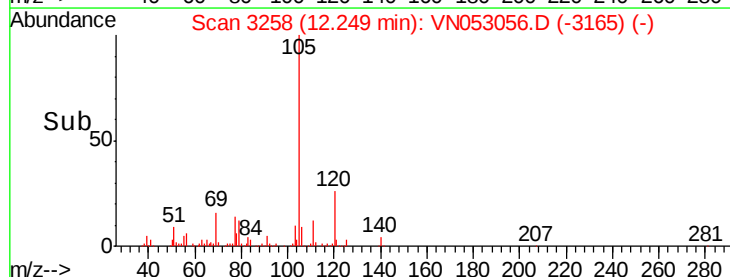
105 100

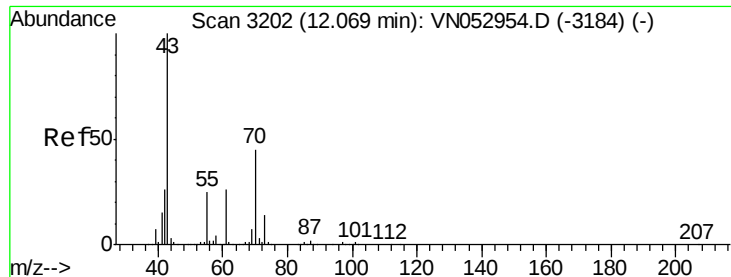
120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 13.766 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

Tot Ion: 43 Resp: 239889

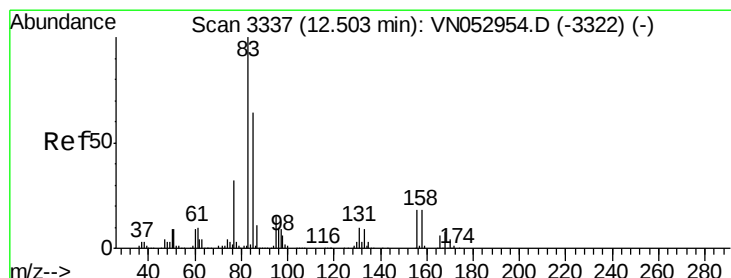
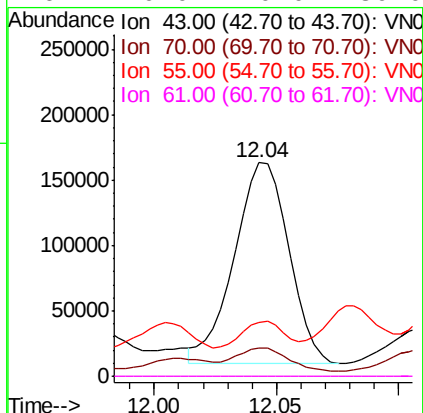
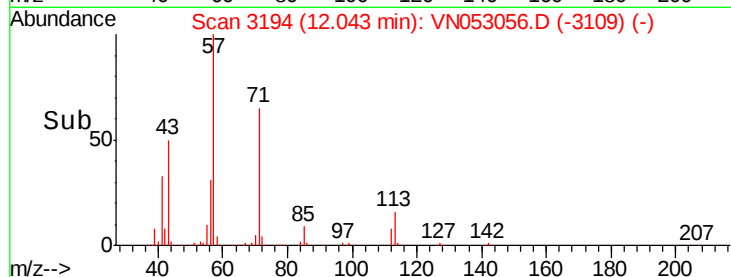
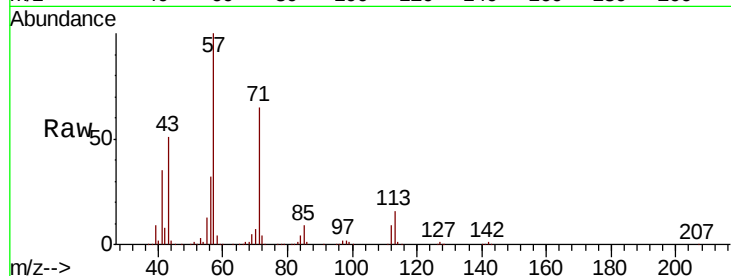
Ion Ratio Lower Upper

43 100

70 11.5 34.2 51.4#

55 20.0 20.3 30.5#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.858 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

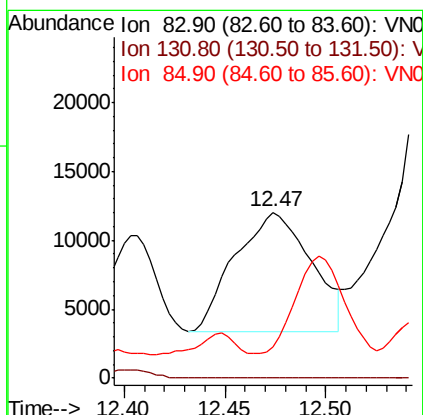
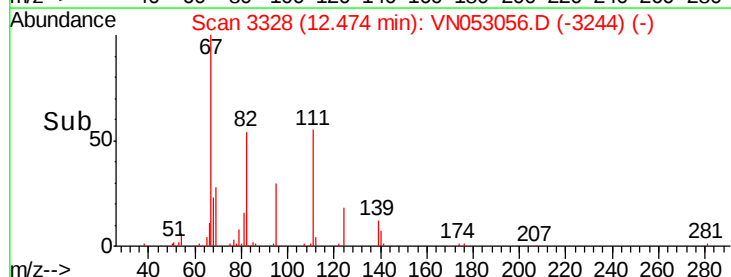
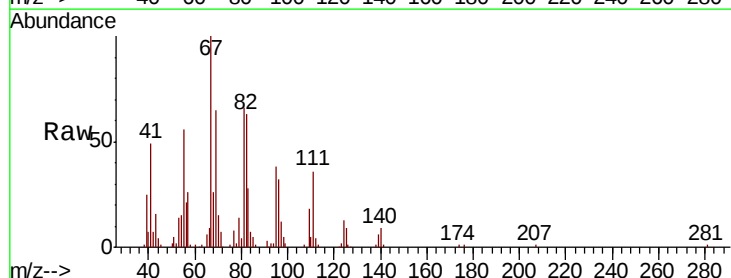
Tgt Ion: 83 Resp: 22877

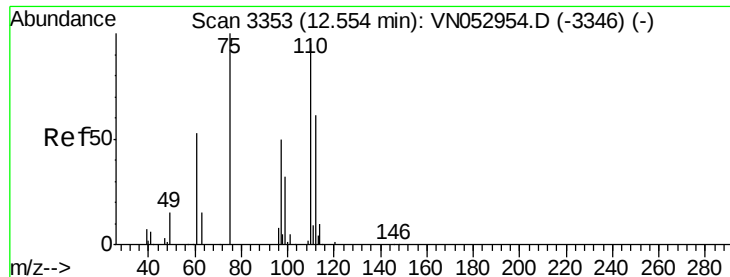
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 28.973 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

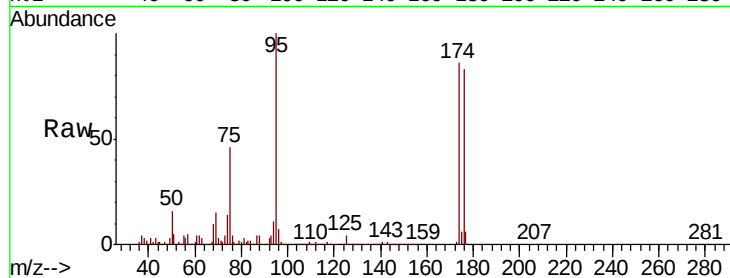
EP1-SBR-2A(15-16FT)1218DL

Tot Ion: 75 Resp: 391256

Ion Ratio Lower Upper

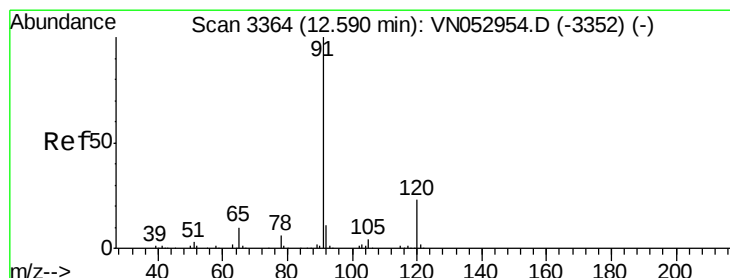
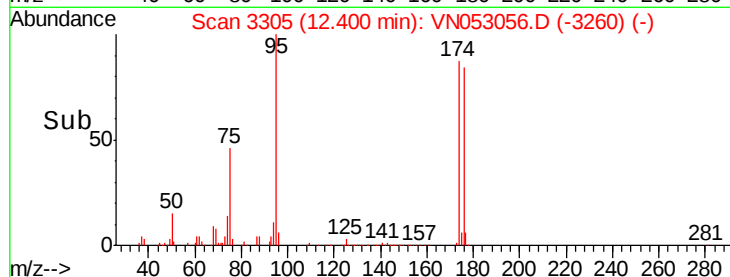
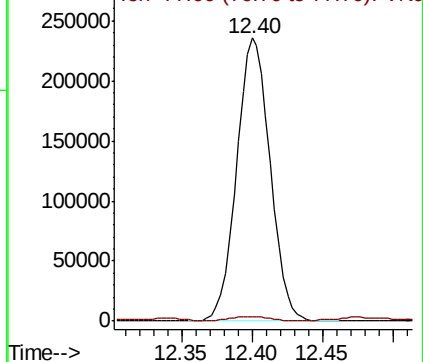
75 100

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: 11.094 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053056.D

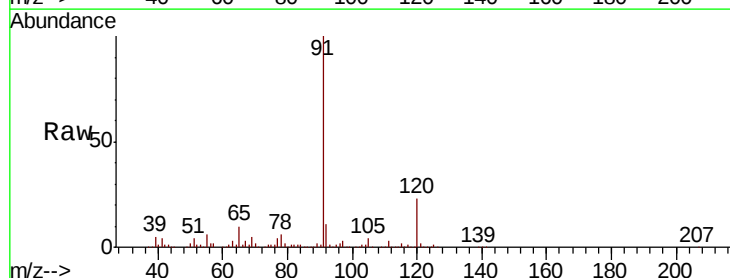
Acq: 20 Dec 2018 15:01

Tgt Ion: 91 Resp: 793061

Ion Ratio Lower Upper

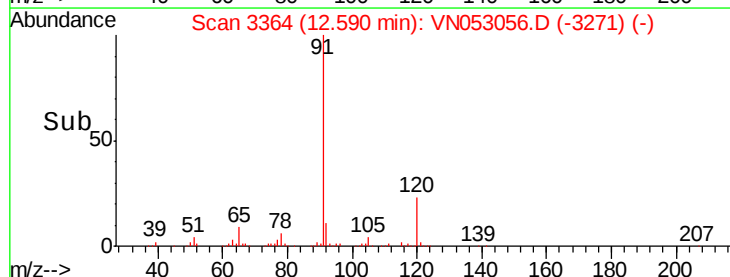
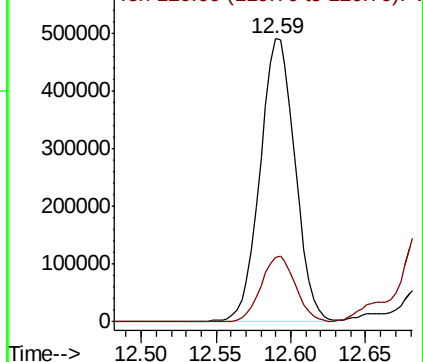
91 100

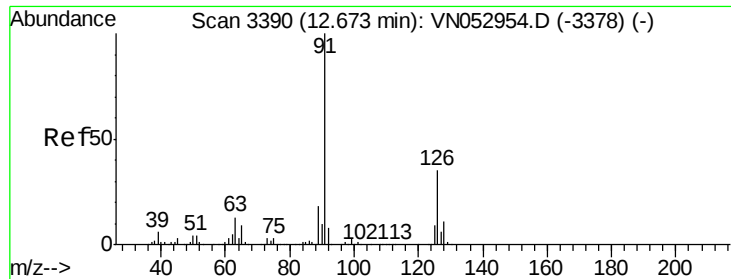
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

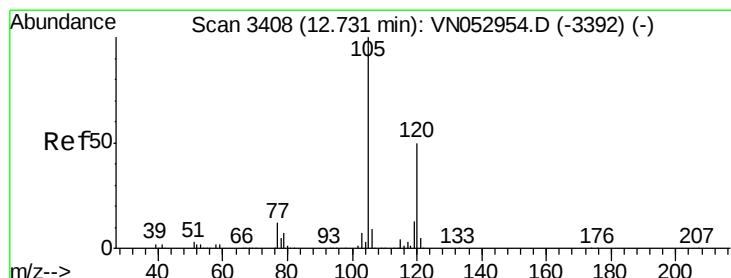
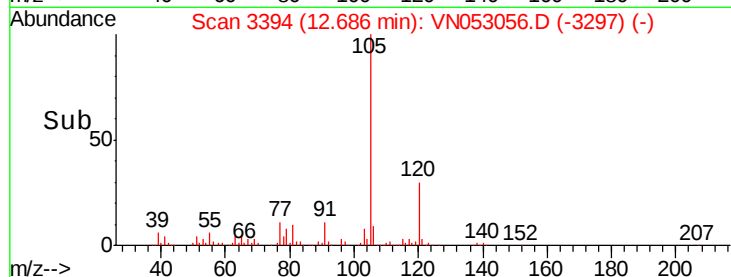
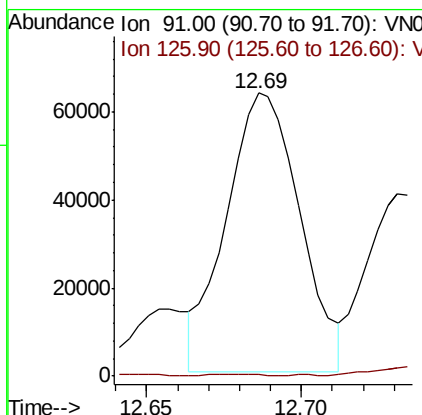
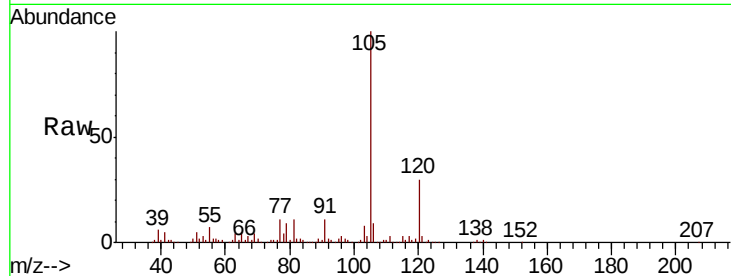




#79
 2-Chlorotoluene
 Concen: 2.360 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

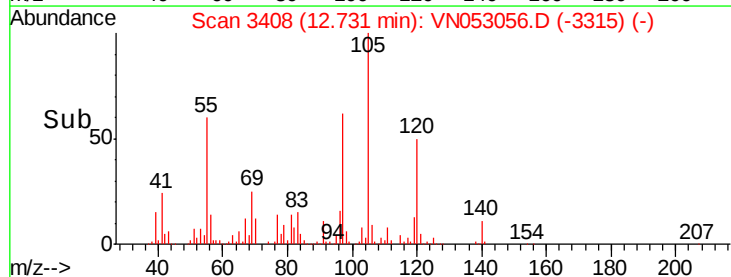
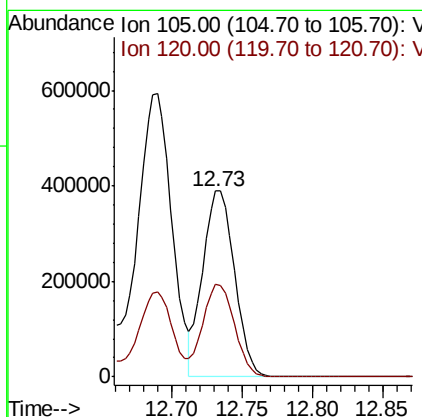
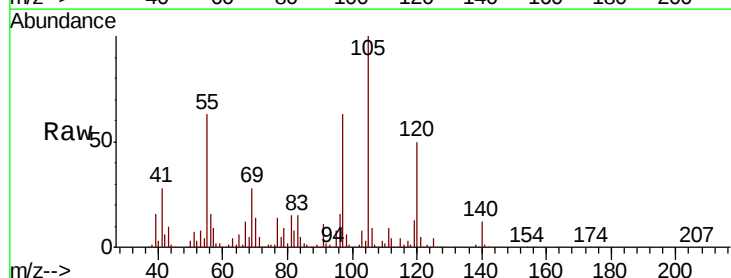
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2A(15-16FT)1218DL

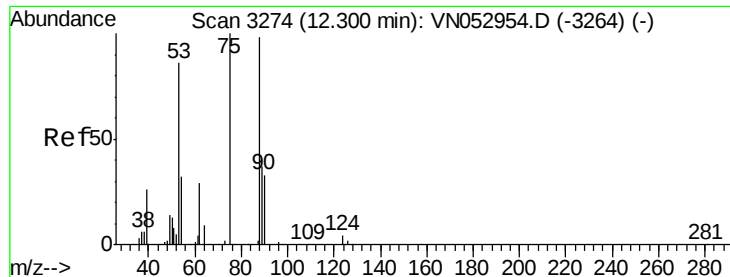
Tot Ion: 91 Resp: 104587
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 11.883 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Tgt Ion: 105 Resp: 607915
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 93.385 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

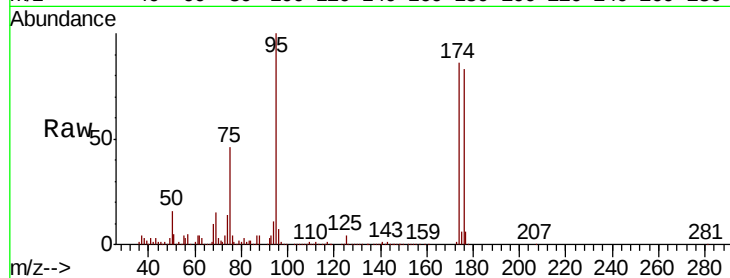
Tot Ion: 75 Resp: 391256

Ion Ratio Lower Upper

75 100

53 1.2 74.7 112.1#

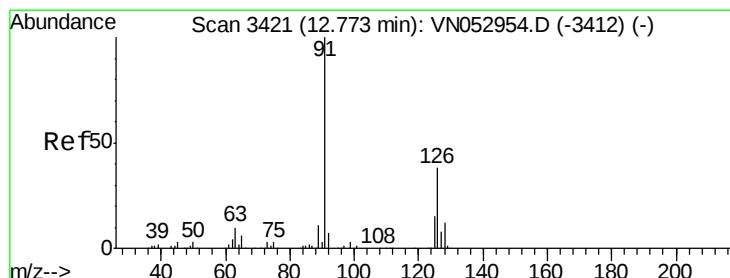
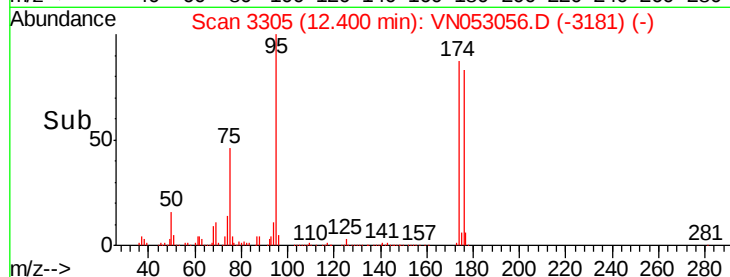
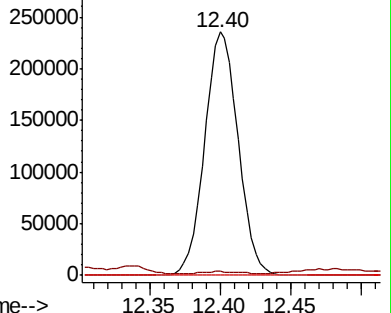
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.550 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053056.D

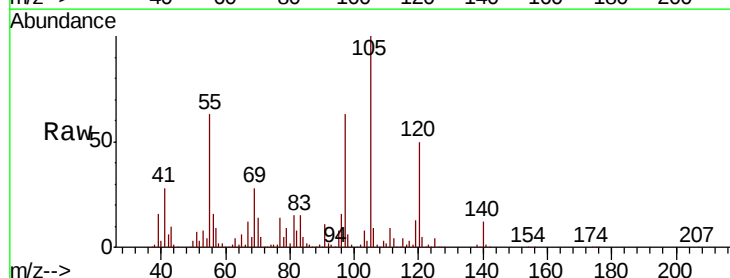
Acq: 20 Dec 2018 15:01

Tgt Ion: 91 Resp: 67220

Ion Ratio Lower Upper

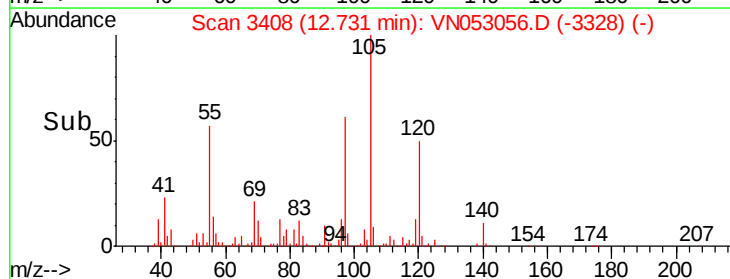
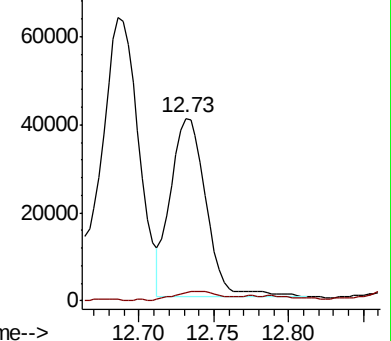
91 100

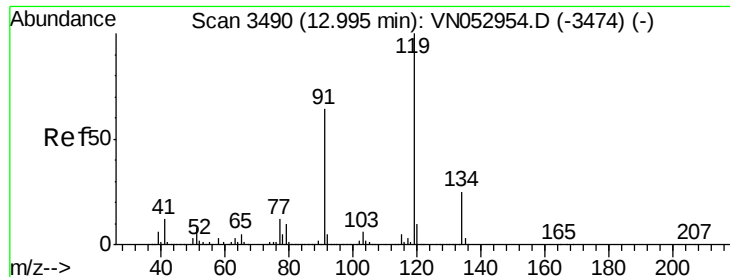
126 5.8 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

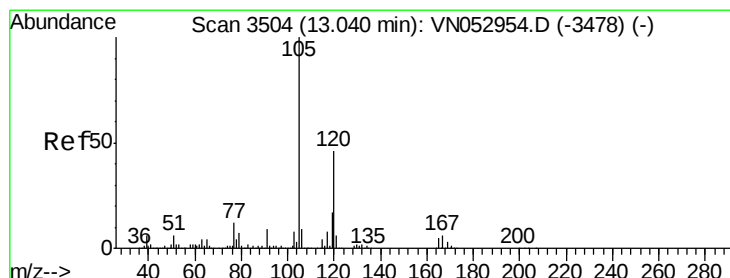
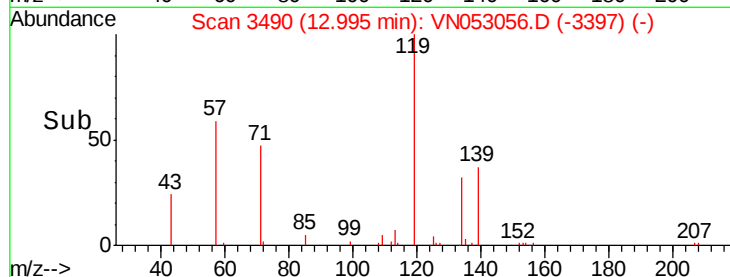
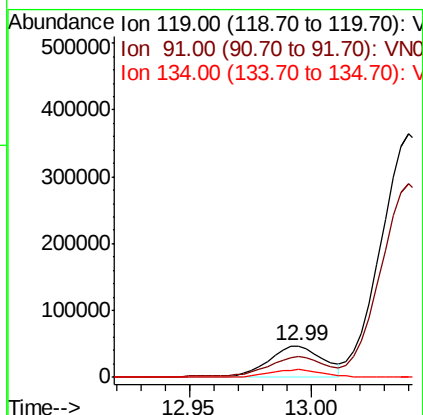
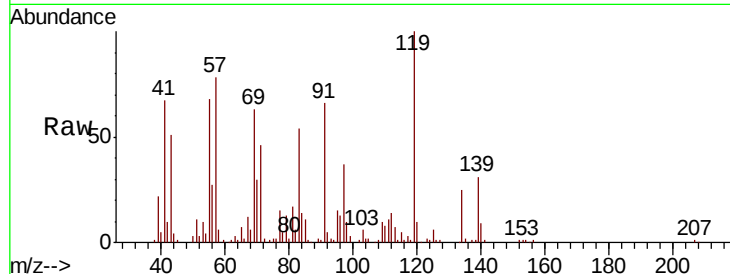




#83
tert-Butylbenzene
Concen: 1.620 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

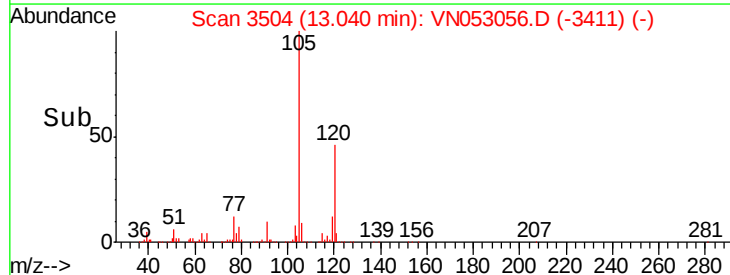
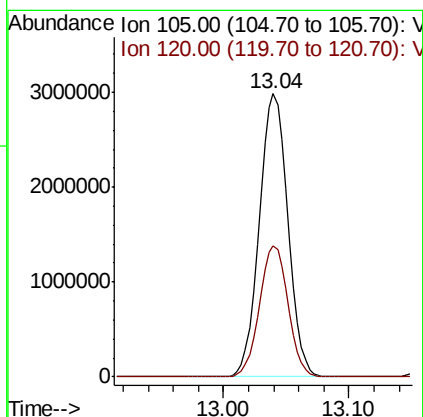
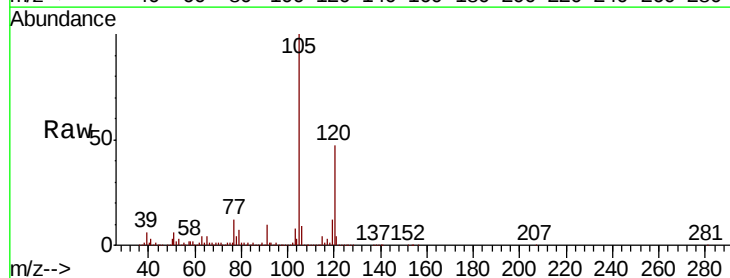
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2A(15-16FT)1218DL

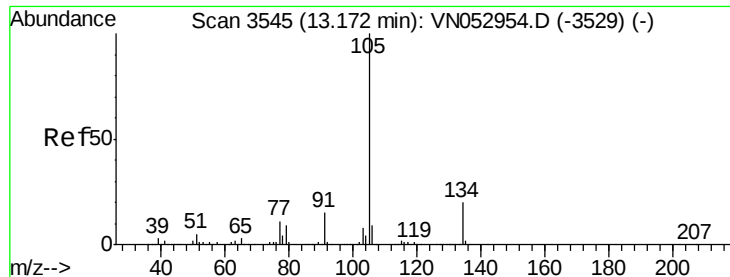
Tot Ion:119 Resp: 73318
Ion Ratio Lower Upper
119 100
91 66.6 31.9 95.5
134 24.8 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 91.838 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion:105 Resp: 4723068
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 8.684 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

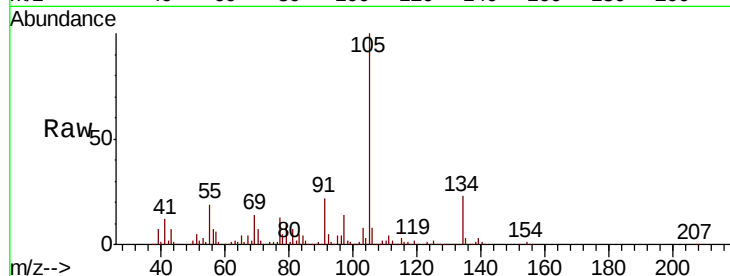
EP1-SBR-2A(15-16FT)1218DL

Tot Ion:105 Resp: 531438

Ion Ratio Lower Upper

105 100

134 31.5 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

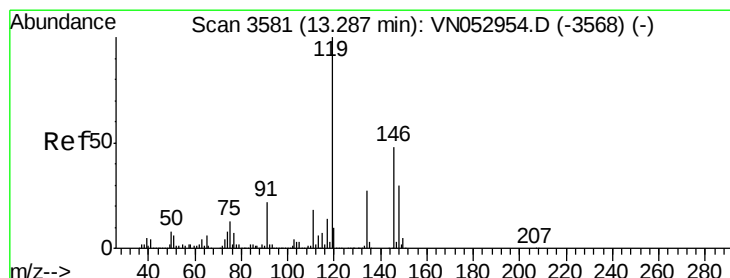
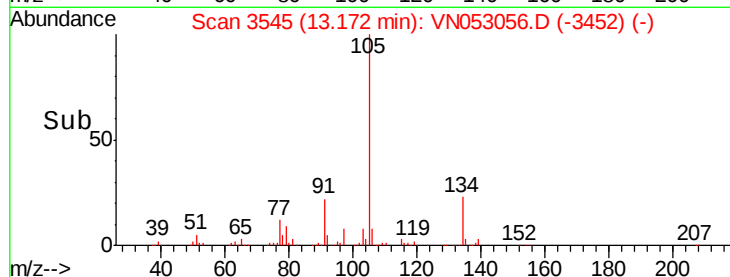
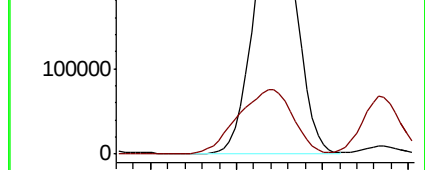
13.17

300000

200000

100000

0



#86

p-Isopropyltoluene

Concen: 8.327 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

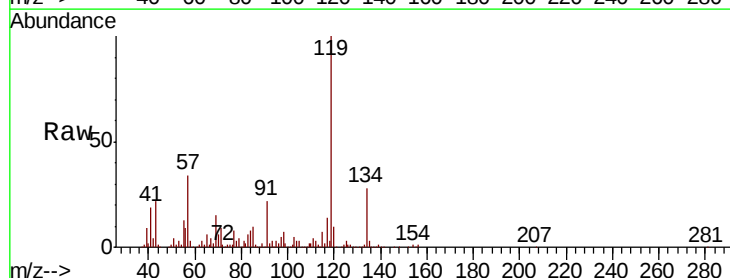
Tgt Ion:119 Resp: 440332

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 21.7 11.1 33.3



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

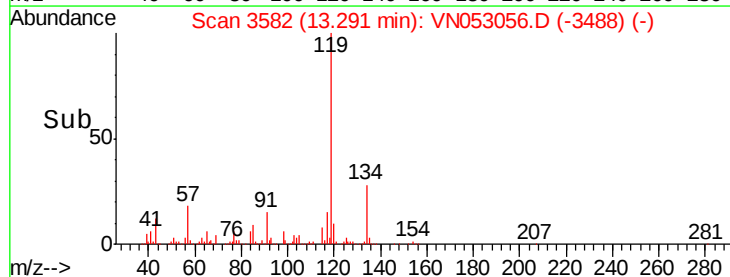
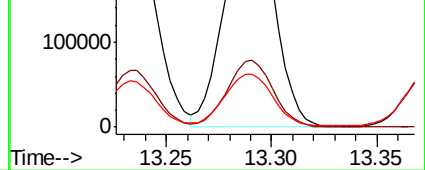
400000

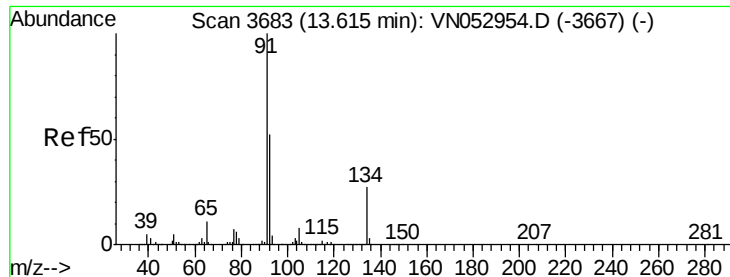
300000

200000

100000

0





#89

n-Butylbenzene

Concen: 13.310 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

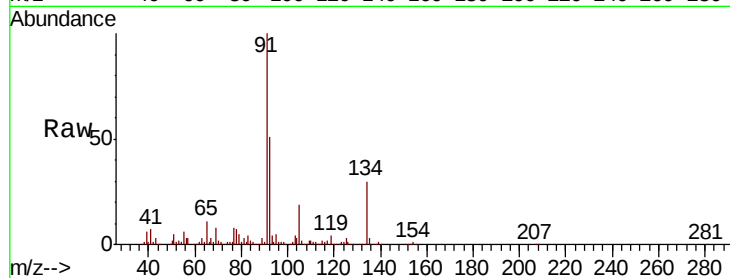
Tot Ion: 91 Resp: 605522

Ion Ratio Lower Upper

91 100

92 41.8 26.3 78.9

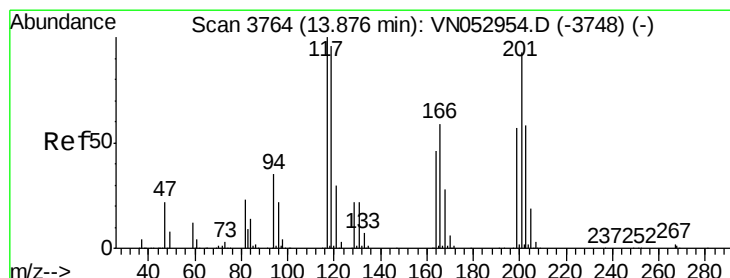
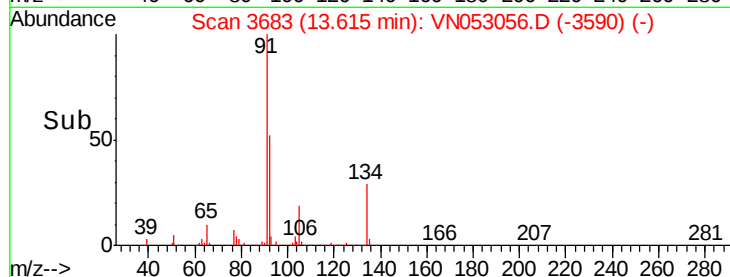
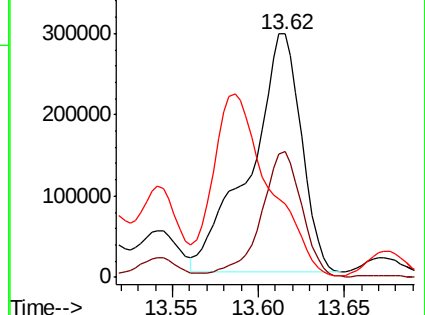
134 0.0 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)



#90

Hexachloroethane

Concen: 7.626 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053056.D

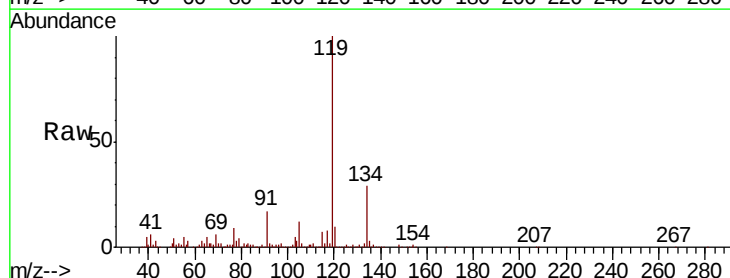
Acq: 20 Dec 2018 15:01

Tgt Ion: 117 Resp: 61883

Ion Ratio Lower Upper

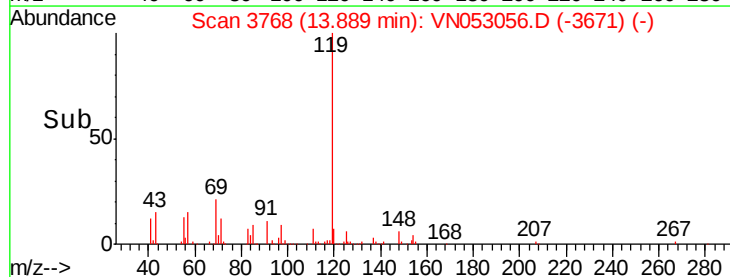
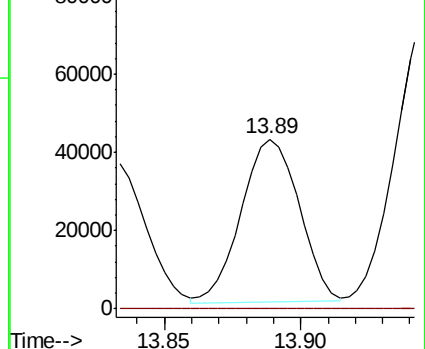
117 100

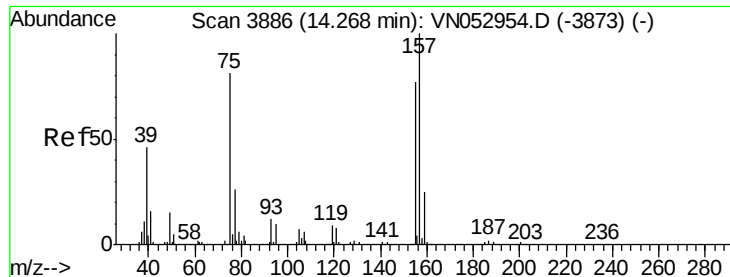
201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

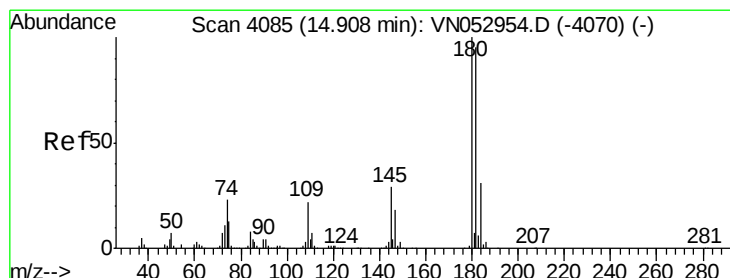
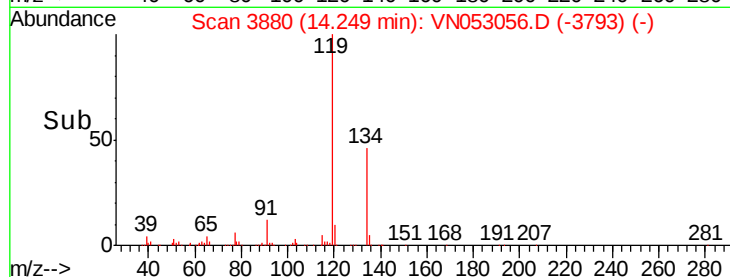
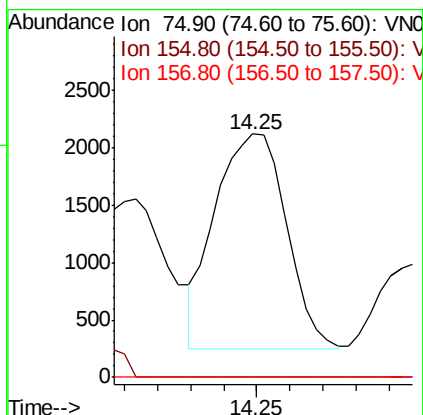
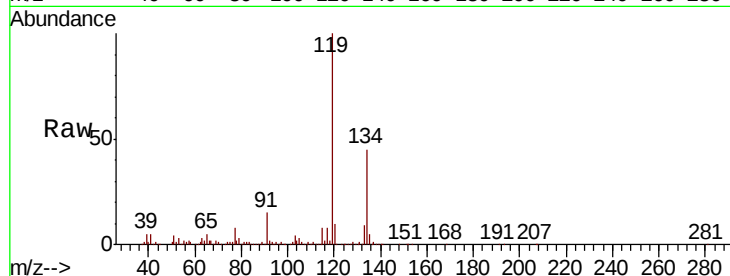




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.318 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

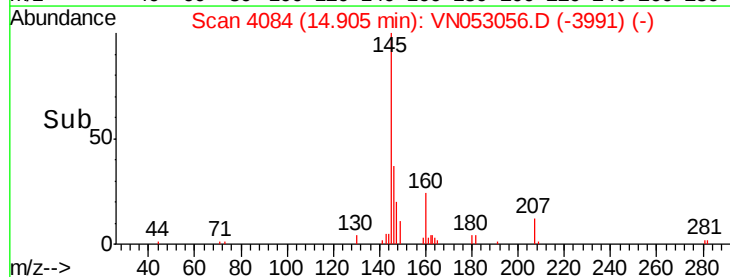
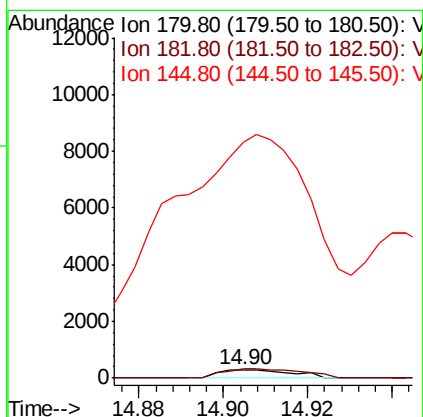
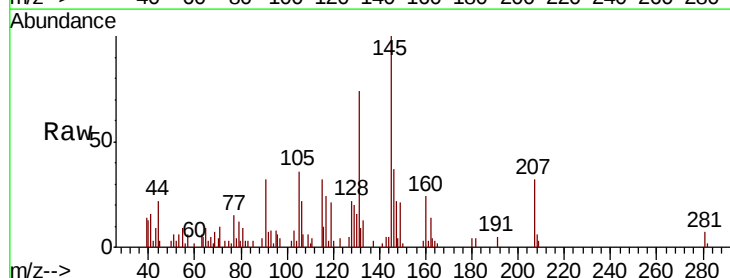
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2A(15-16FT)1218DL

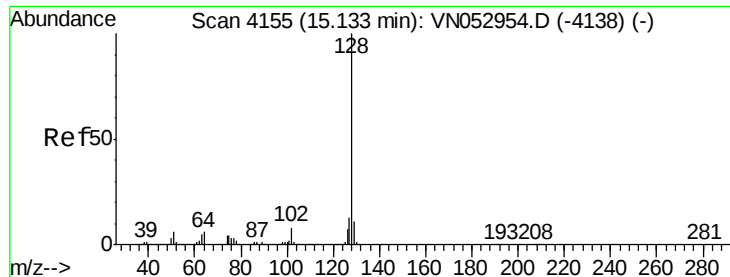
Tot Ion: 75 Resp: 2807
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 0.0 61.2 183.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.620 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Tgt Ion:180 Resp: 346
 Ion Ratio Lower Upper
 180 100
 182 126.9 47.8 143.3
 145 6035.3 14.2 42.6#





#95

Naphthalene

Concen: 1.698 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

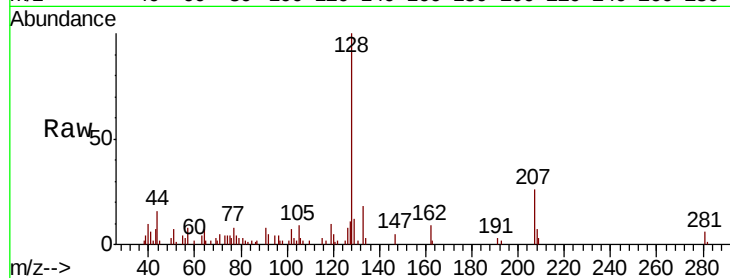
Tot Ion:128 Resp: 17796

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

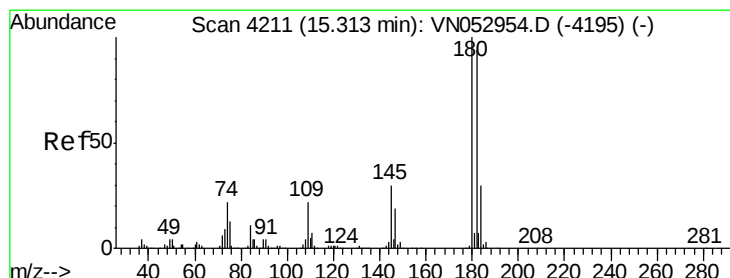
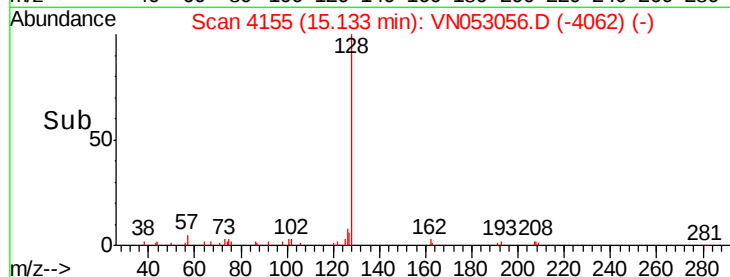
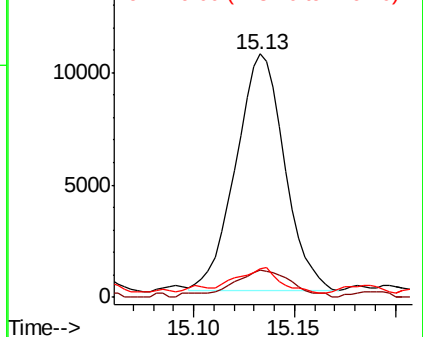
129 9.1 8.6 13.0



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: 0.521 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

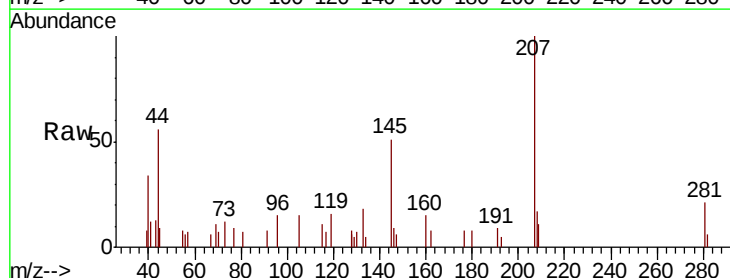
Tgt Ion:180 Resp: 171

Ion Ratio Lower Upper

180 100

182 18.7 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

