

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122118\
 Data File : VN053113.D
 Acq On : 21 Dec 2018 20:16
 Operator : MD\SY
 Sample : J6392-06ME 10X
 Misc : 5.65µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

Quant Time: Dec 22 01:19:59 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	1400844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2119127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1937794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	813148	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	672117	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	7.59	113	540189	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
50) Toluene-d8	10.09	98	2625689	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	897699	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	1365	0.490	ug/l #	82
18) Methyl Acetate	4.33	43	1857	1.136	ug/l	92
20) Methylene Chloride	4.55	84	3320	0.218	ug/l #	92
31) Cyclohexane	7.65	56	64605	1.609	ug/l #	65
36) 1,1-Dichloropropene	7.67	75	90670	4.458	ug/l #	48
38) Carbon Tetrachloride	7.67	117	120485	6.463	ug/l #	15
39) Methylcyclohexane	9.08	83	111513	4.513	ug/l	94
40) Benzene	8.04	78	34485	0.570	ug/l	99
43) Isopropyl Acetate	8.15	43	12772	Below Cal	#	53
47) Bromodichloromethane	9.39	83	8635	0.443	ug/l #	25
48) Methyl methacrylate	9.22	41	11691	1.061	ug/l #	26
51) 4-Methyl-2-Pentanone	10.02	43	22665	2.061	ug/l #	82
52) Toluene	10.16	92	7949	0.212	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	65874	5.035	ug/l #	20
59) 2-Hexanone	10.72	43	65606	8.818	ug/l #	29
67) Ethyl Benzene	11.51	91	1600208	21.662	ug/l	99
68) m/p-Xylenes	11.63	106	475334	16.926	ug/l	99
69) o-Xylene	11.95	106	47328	1.756	ug/l	99
71) Bromoform	12.40	173	4405	0.408	ug/l #	1
73) Isopropylbenzene	12.25	105	487138	7.657	ug/l	100
74) N-amyl acetate	12.04	43	53873	3.050	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.55	83	5374	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	413702	30.223	ug/l #	100
78) n-propylbenzene	12.59	91	1483716	20.477	ug/l	100
79) 2-Chlorotoluene	12.69	91	142607	3.175	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	1499893	28.924	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	413702	97.411	ug/l #	12
82) 4-Chlorotoluene	12.73	91	146977	3.343	ug/l #	41
83) tert-Butylbenzene	13.04	119	625712	13.643	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	5063439	97.129	ug/l	99
85) sec-Butylbenzene	13.17	105	172335	2.778	ug/l #	50
86) p-Isopropyltoluene	13.24	119	150261	2.803	ug/l	97
89) n-Butylbenzene	13.62	91	284471	6.169	ug/l #	72
90) Hexachloroethane	13.89	117	106776	12.981	ug/l #	4

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

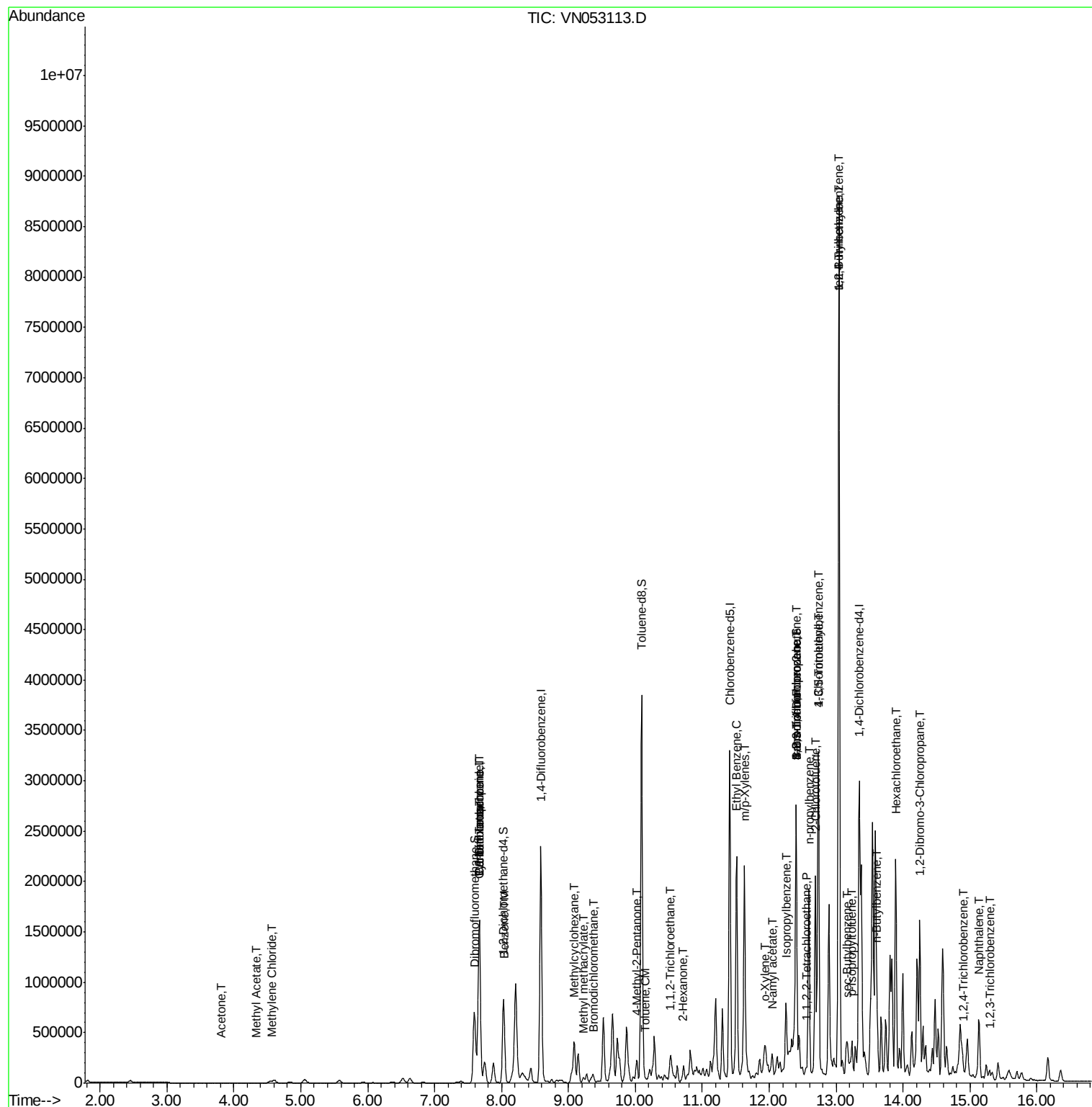
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	5486	2.542	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	528	0.632	ug/l #	48
95) Naphthalene	15.13	128	503980	16.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	547	0.549	ug/l #	1

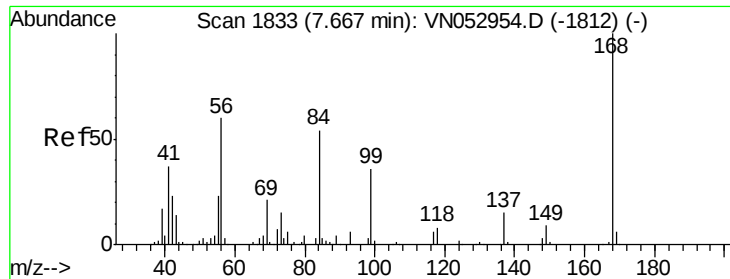
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122118\
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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: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

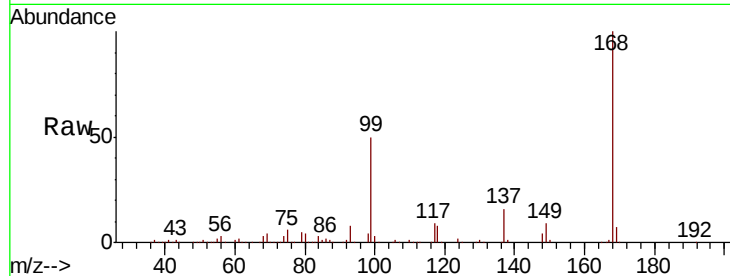
KY001SB103-121118-(20-22)MEDL

Tot Ion:168 Resp: 1400844

Ion Ratio Lower Upper

168 100

99 49.7 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

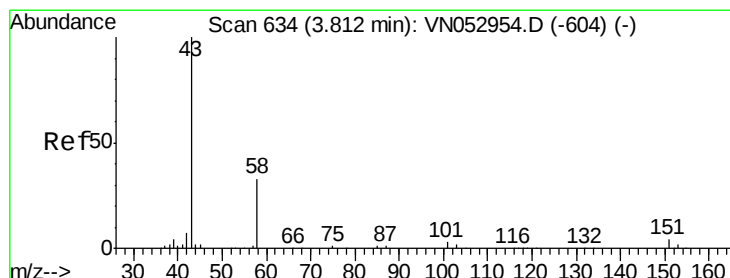
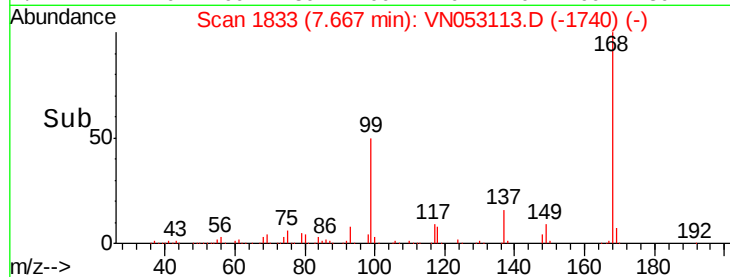
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.490 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN053113.D

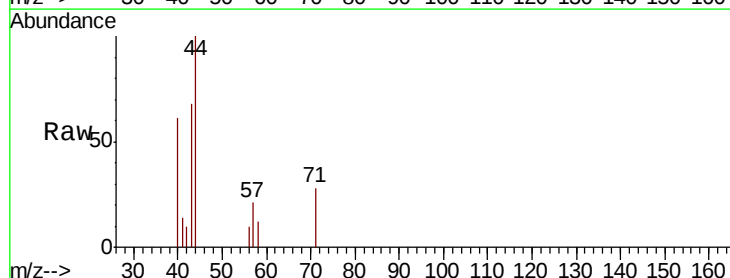
Acq: 21 Dec 2018 20:16

Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

58 21.8 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) (-)

3.81

1200

1000

800

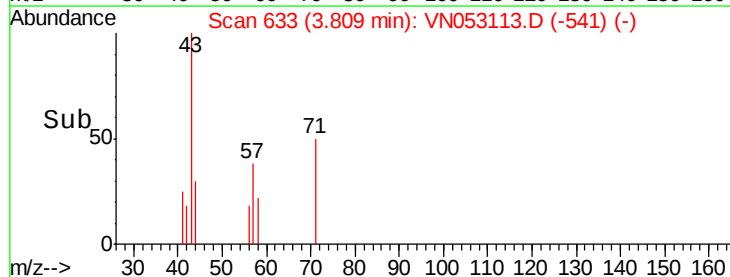
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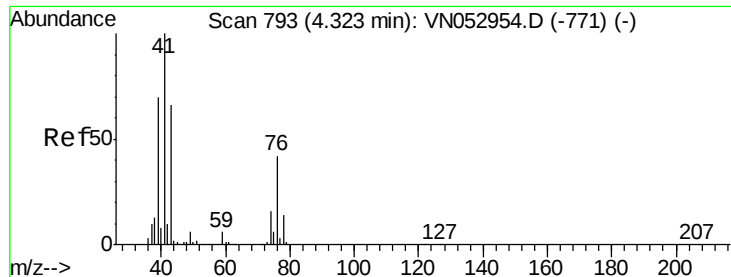
400

200

0

Time-->

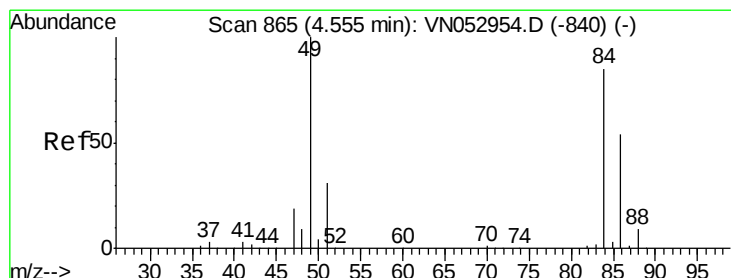
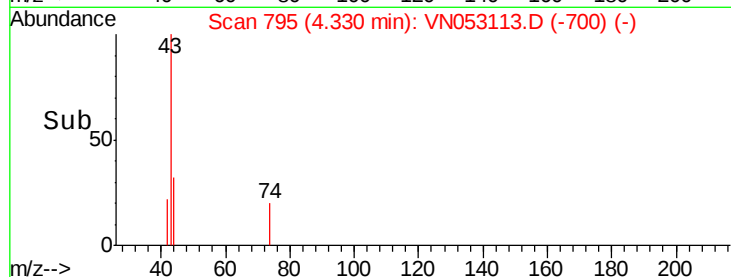
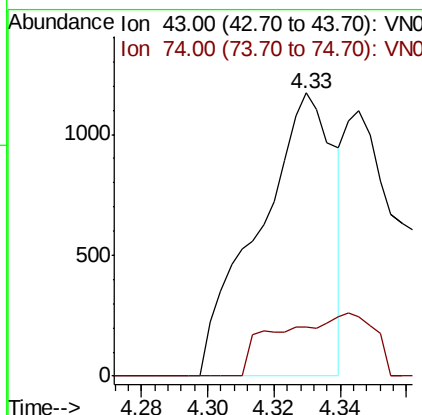
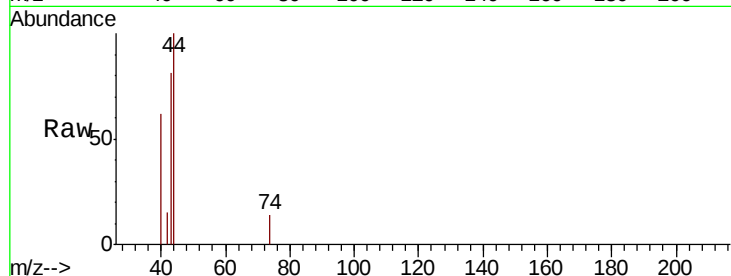




#18
Methyl Acetate
Concen: 1.136 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

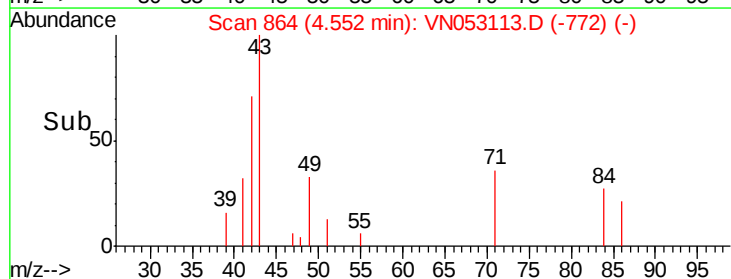
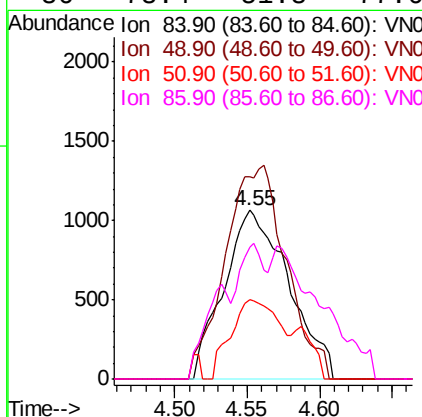
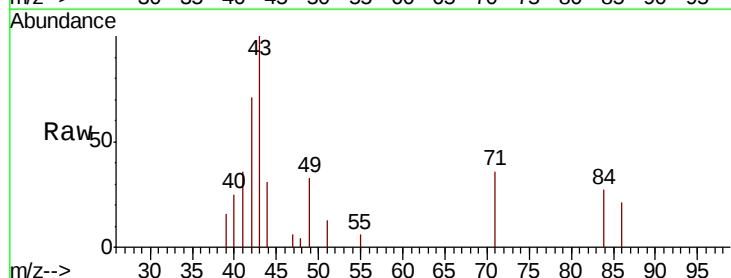
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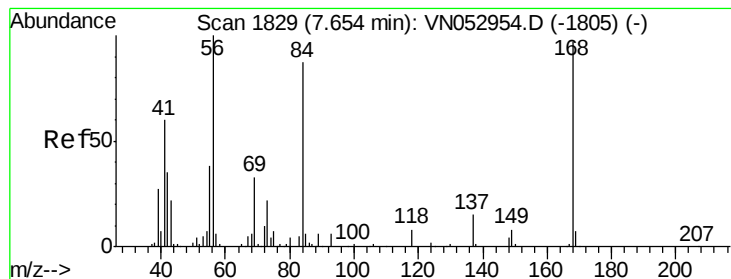
Tot Ion: 43 Resp: 1857
Ion Ratio Lower Upper
43 100
74 27.9 19.2 28.8



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion: 84 Resp: 3320
Ion Ratio Lower Upper
84 100
49 119.7 96.8 145.2
51 46.9 29.9 44.9#
86 78.4 51.8 77.6#





#31

Cyclohexane

Concen: 1.609 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

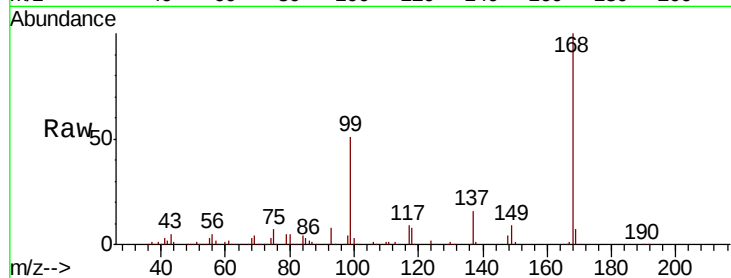
Tot Ion: 56 Resp: 64605

Ion Ratio Lower Upper

56 100

69 89.8 26.6 39.8#

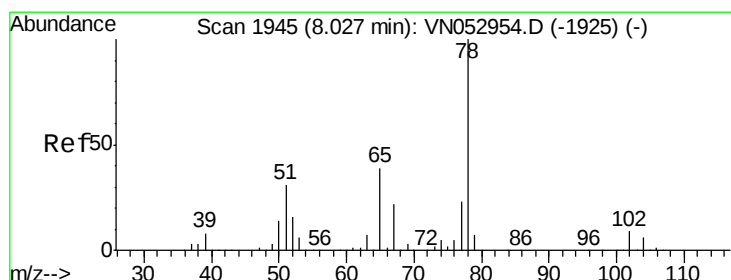
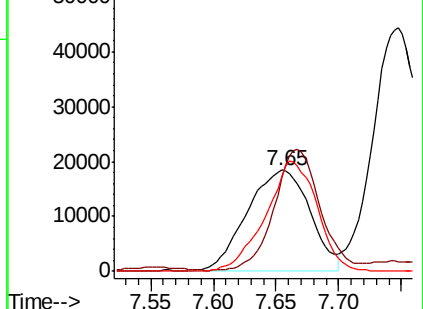
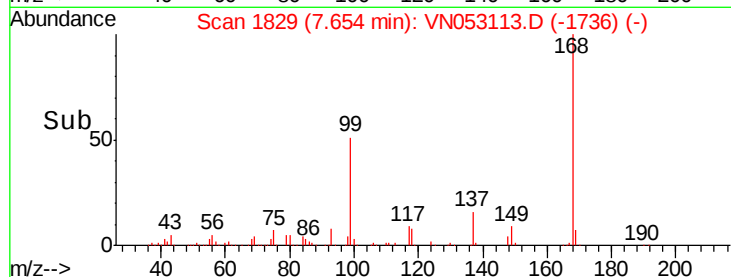
84 93.9 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN053113.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN053113.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053113.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053113.D

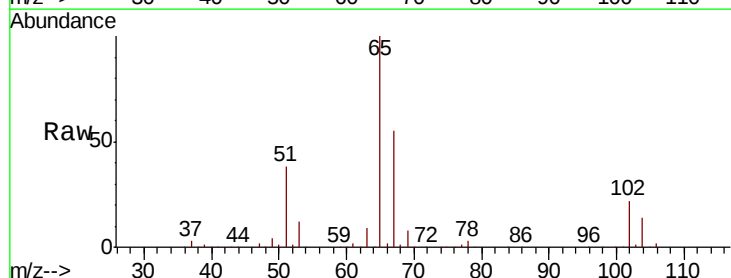
Acq: 21 Dec 2018 20:16

Tgt Ion: 65 Resp: 672117

Ion Ratio Lower Upper

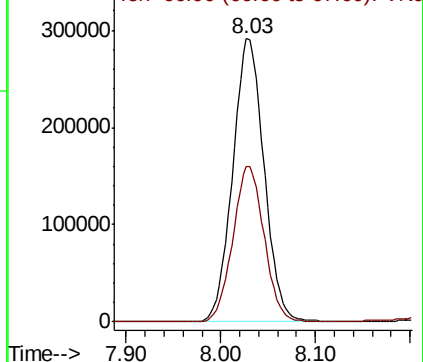
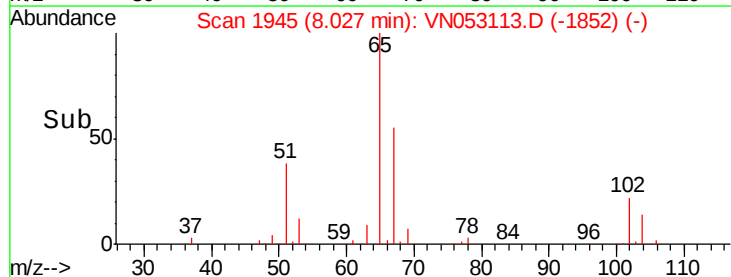
65 100

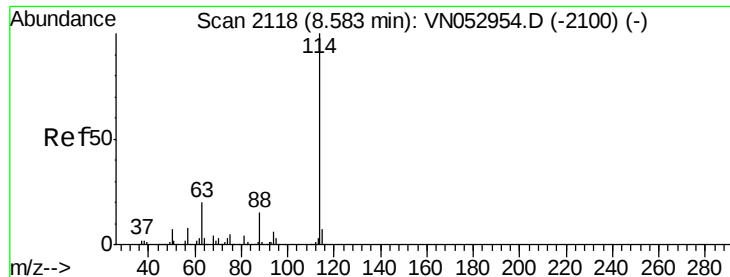
67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053113.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053113.D (-1852) (-)

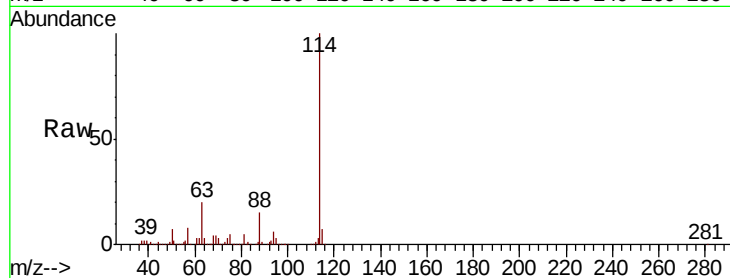




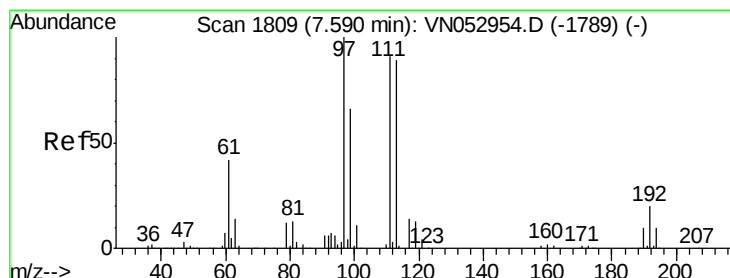
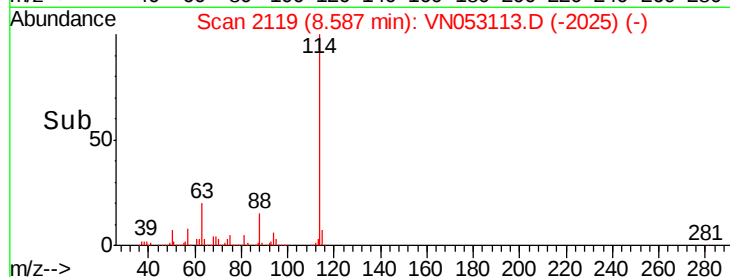
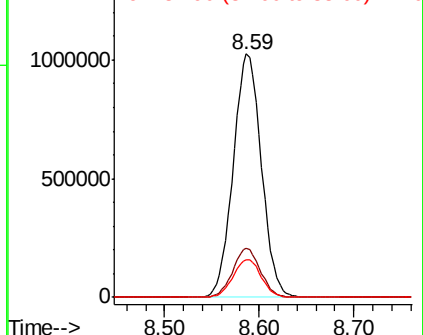
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

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Tot Ion:114 Resp: 2119127
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.8
88 15.4 0.0 31.0

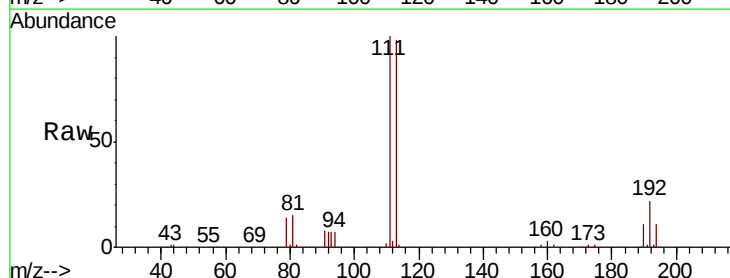


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

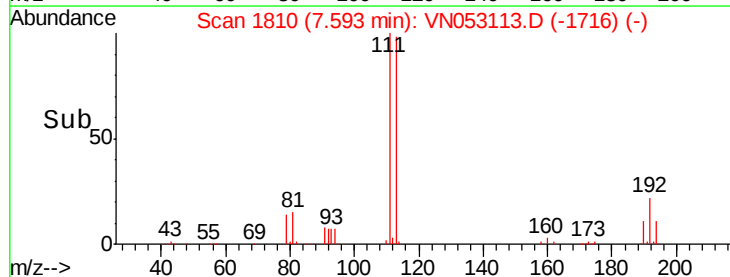
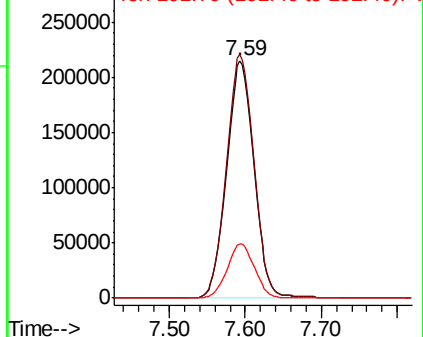


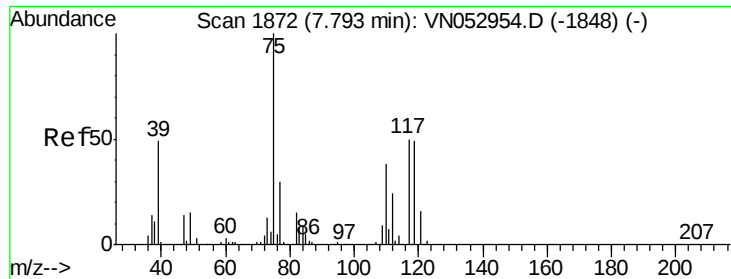
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion:113 Resp: 540189
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 22.7 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

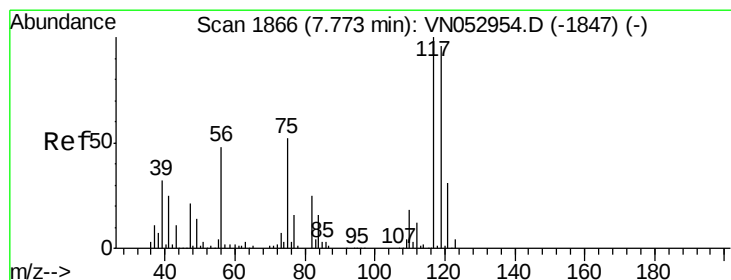
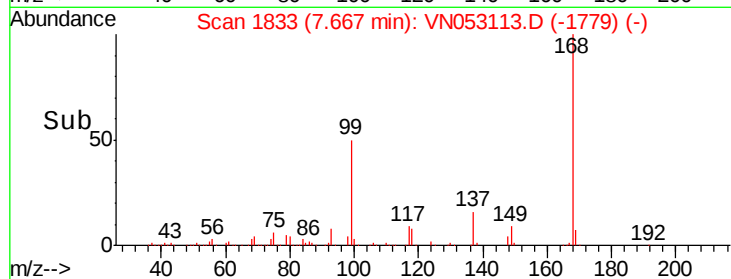
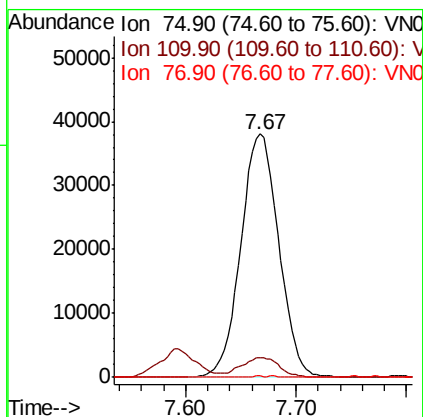
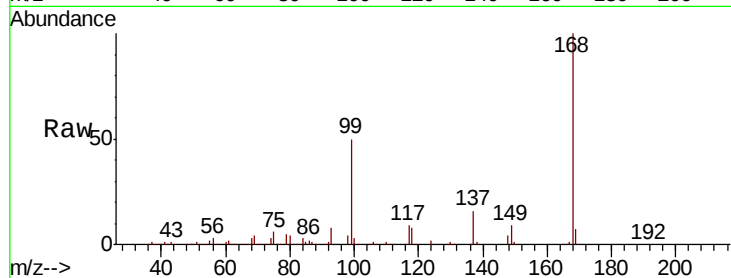




#36
 1,1-Dichloropropene
 Concen: 4.458 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

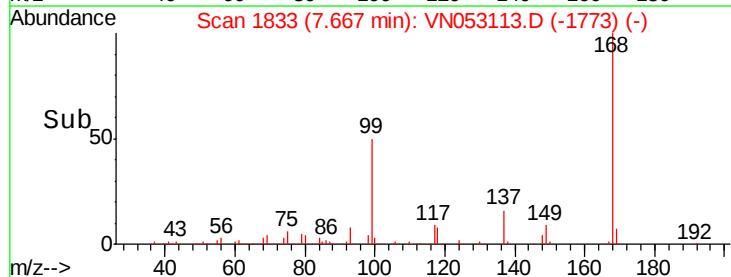
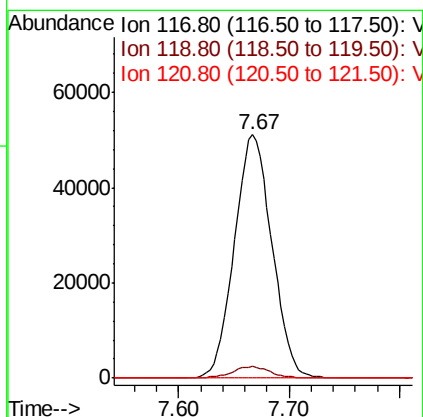
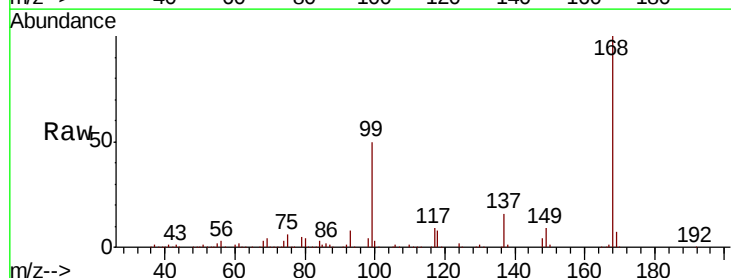
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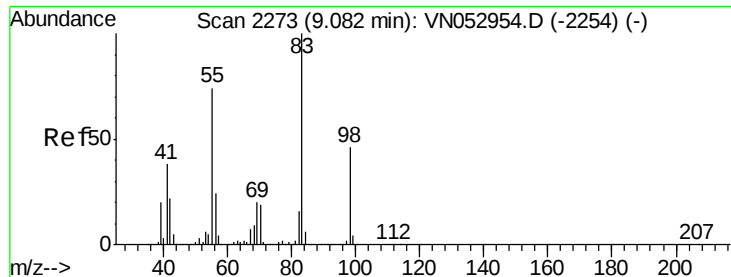
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.463 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

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

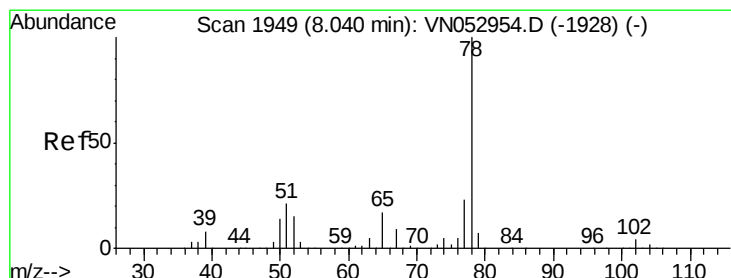
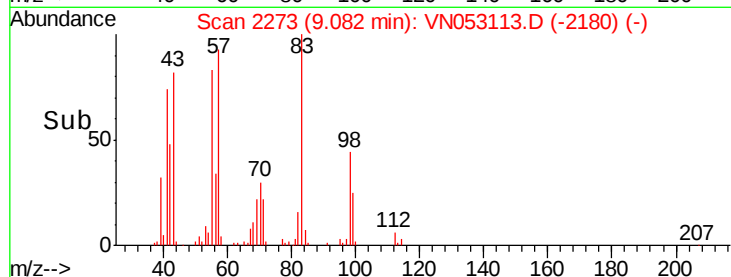
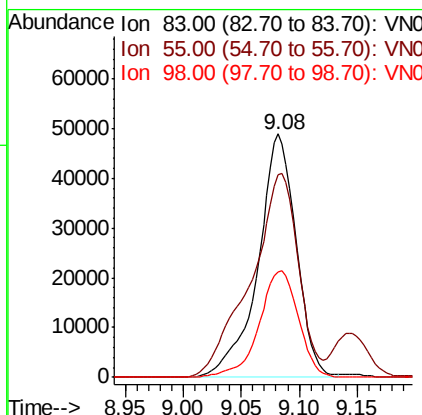
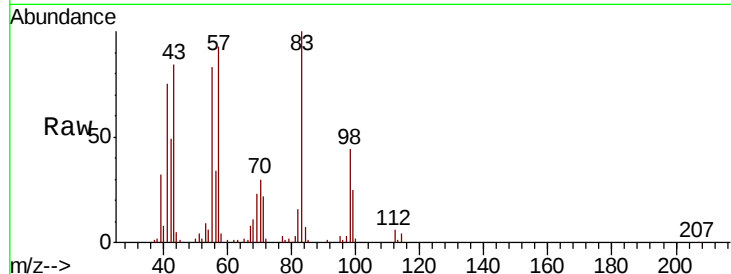




#39
Methvlcvclohexane
Concen: 4.513 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

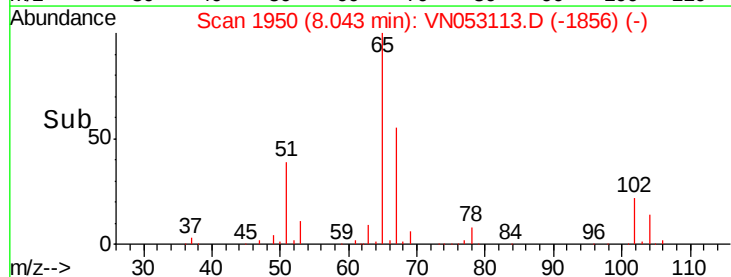
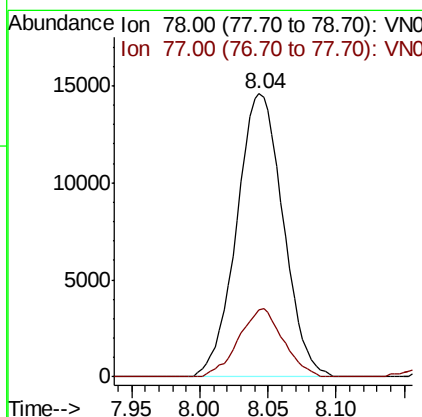
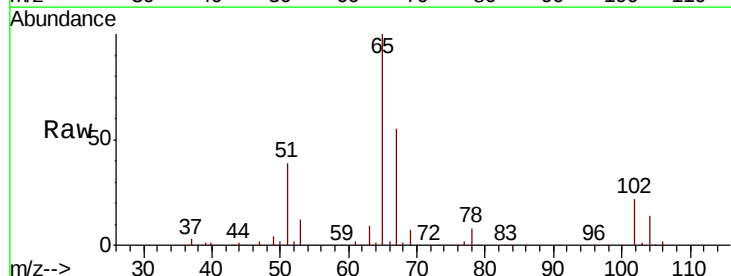
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

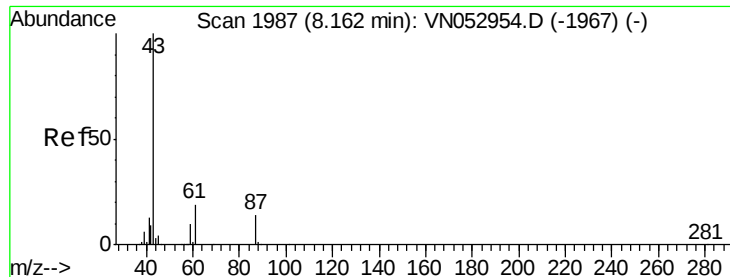
Tot Ion: 83 Resp: 111513
Ion Ratio Lower Upper
83 100
55 82.9 61.3 91.9
98 43.5 37.0 55.4



#40
Benzene
Concen: 0.570 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion: 78 Resp: 34485
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.15 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

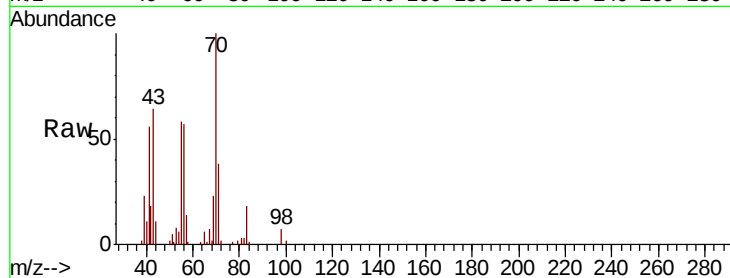
Tot Ion: 43 Resp: 12772

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

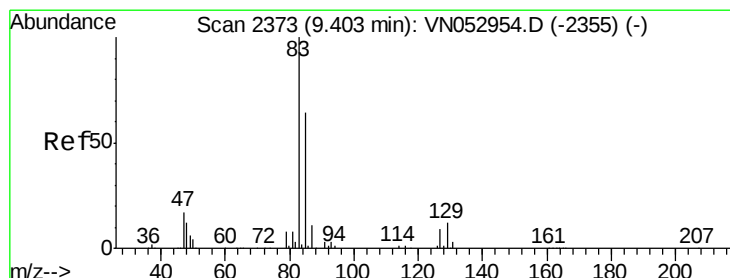
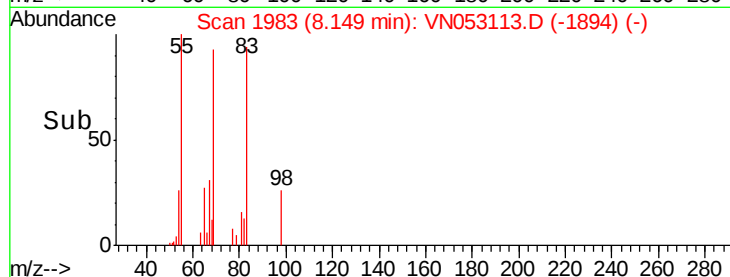
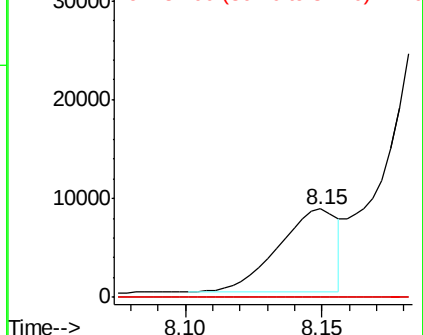
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.443 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

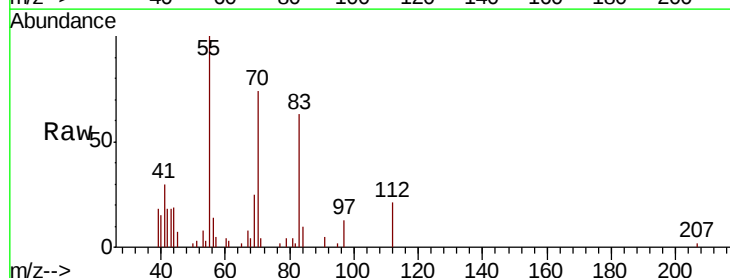
Tgt Ion: 83 Resp: 8635

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#

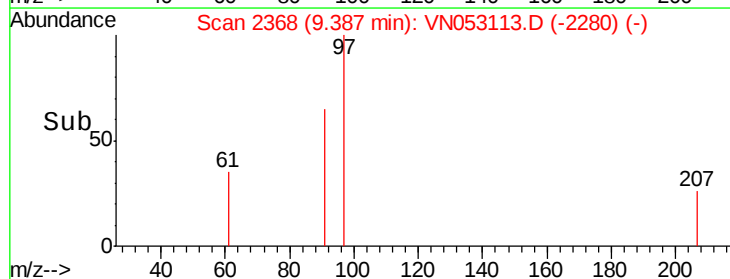
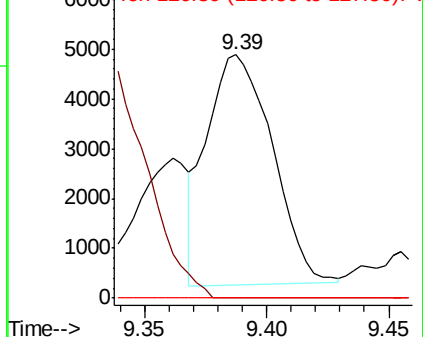
127 0.0 7.1 10.7#

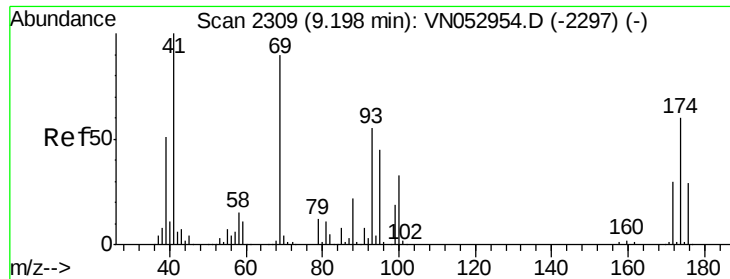


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

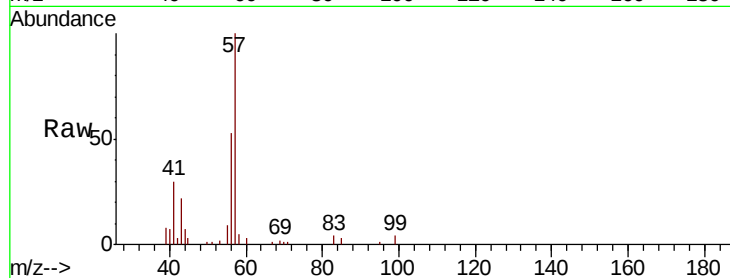




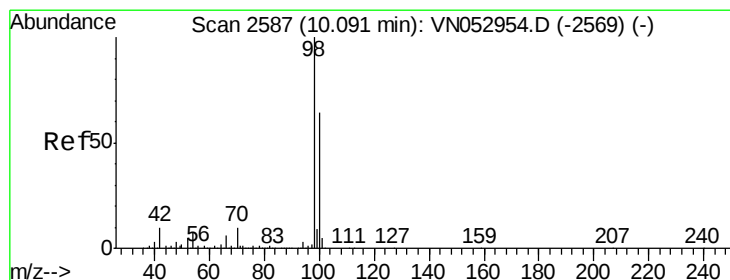
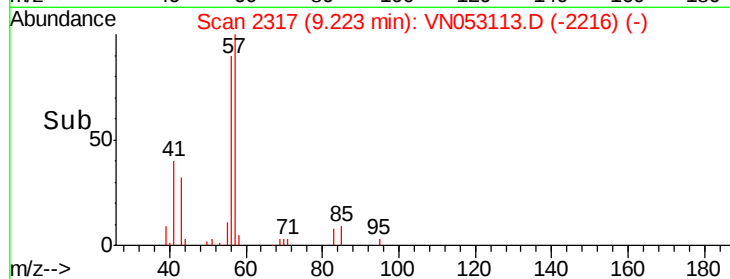
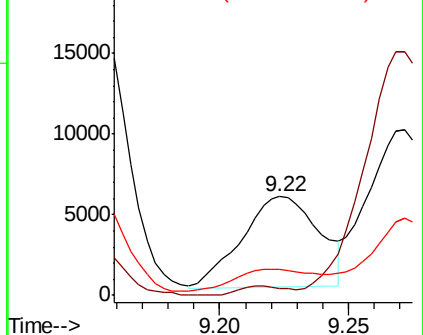
#48
Methvl methacrylate
Concen: 1.061 ug/l
RT: 9.22 min Scan# 2317
Delta R.T. 0.03 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

Tot Ion: 41 Resp: 11691
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 26.4 41.9 62.9#

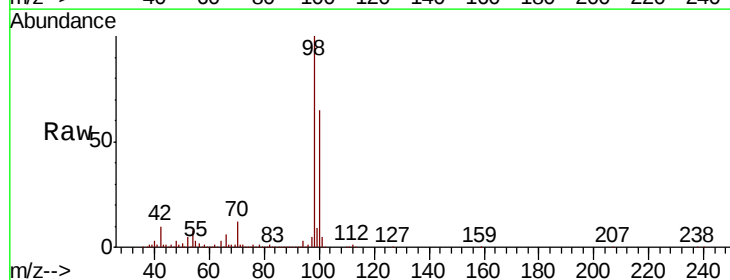


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

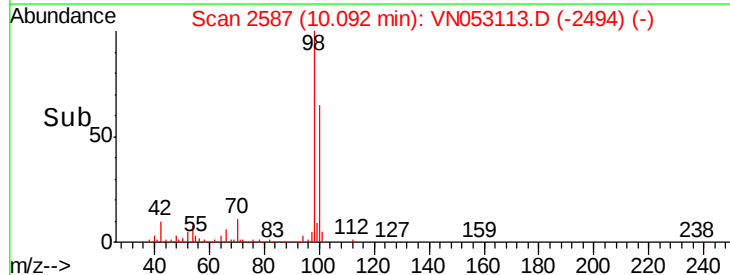
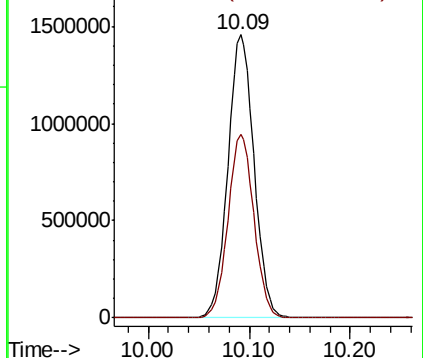


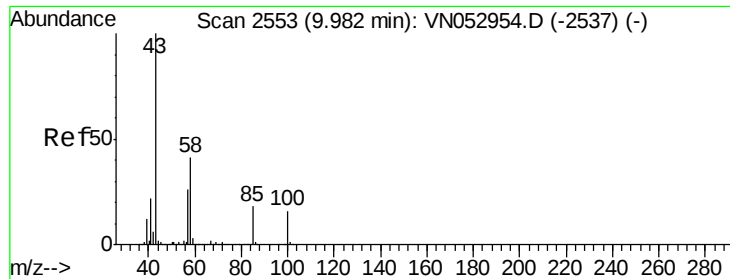
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion: 98 Resp: 2625689
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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

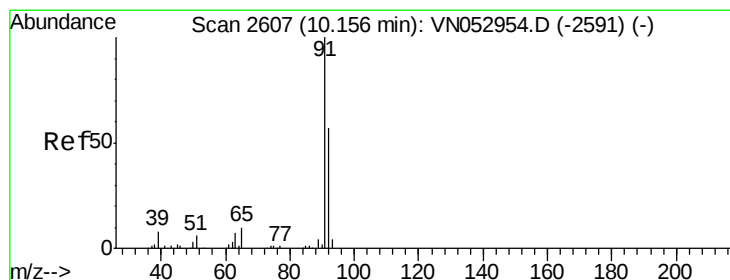
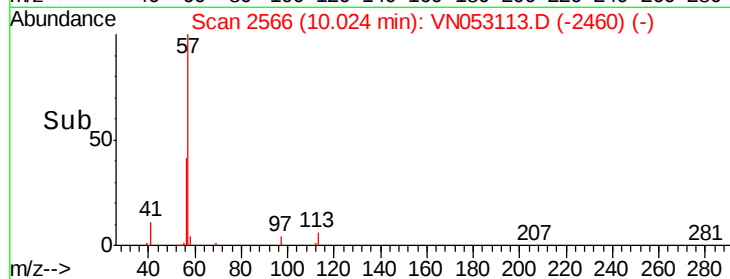
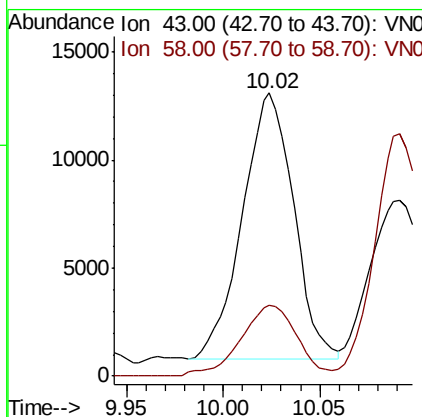
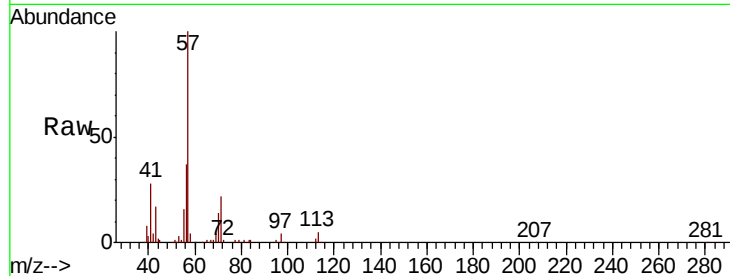




#51
 4-Methyl-2-Pentanone
 Concen: 2.061 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

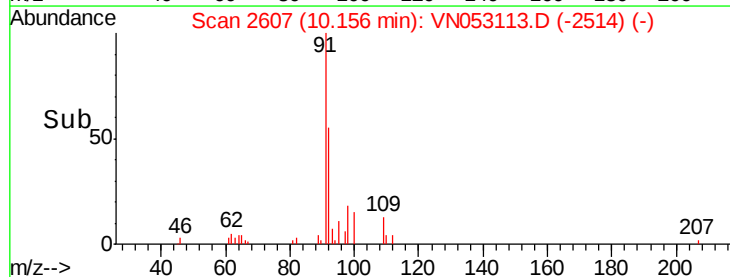
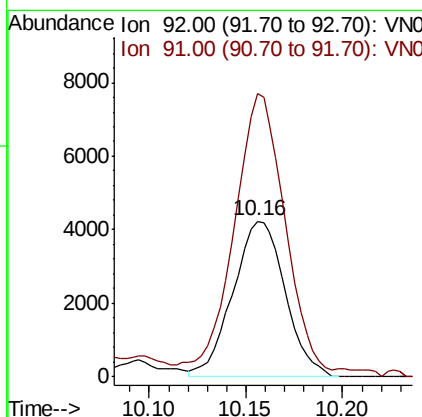
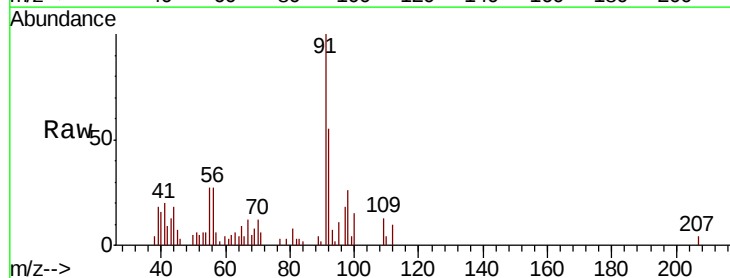
Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

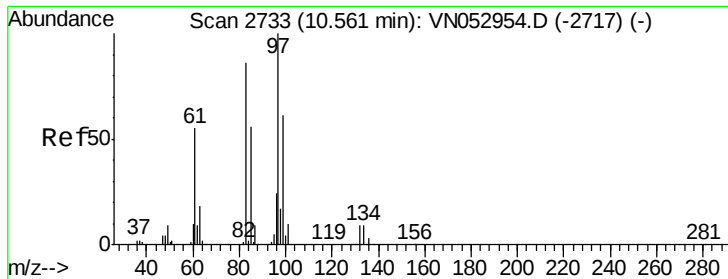
Tot Ion: 43 Resp: 22665
 Ion Ratio Lower Upper
 43 100
 58 29.2 32.2 48.4#



#52
 Toluene
 Concen: 0.212 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Tgt Ion: 92 Resp: 7949
 Ion Ratio Lower Upper
 92 100
 91 167.7 139.8 209.6





#55

1,1,2-Trichloroethane

Concen: 5.035 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

Tot Ion: 97 Resp: 65874

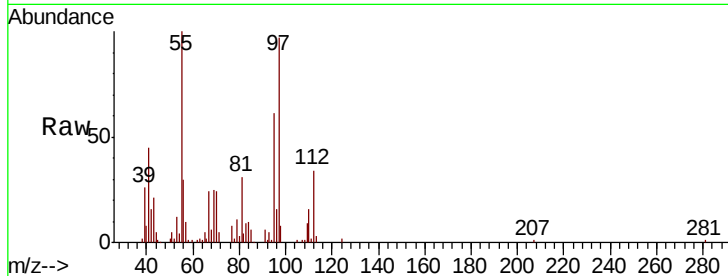
Ion Ratio Lower Upper

97 100

83 7.0 70.9 106.3#

85 6.6 45.4 68.2#

99 0.0 50.4 75.6#



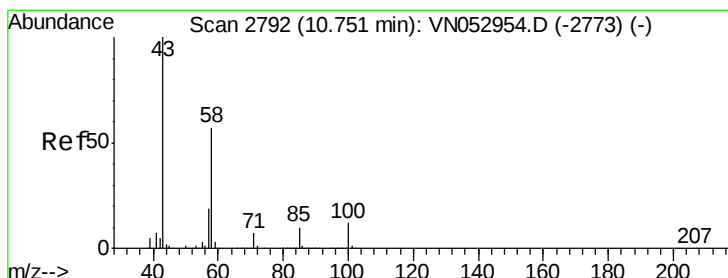
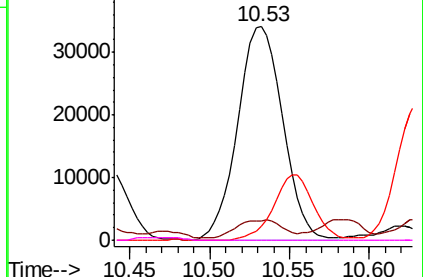
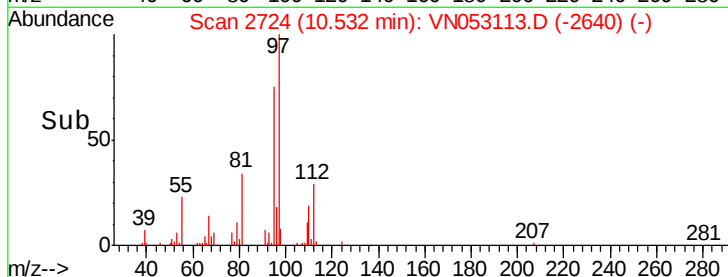
Abundance Ion 96.90 (96.60 to 97.60): VN0

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

Time-->



#59

2-Hexanone

Concen: 8.818 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN053113.D

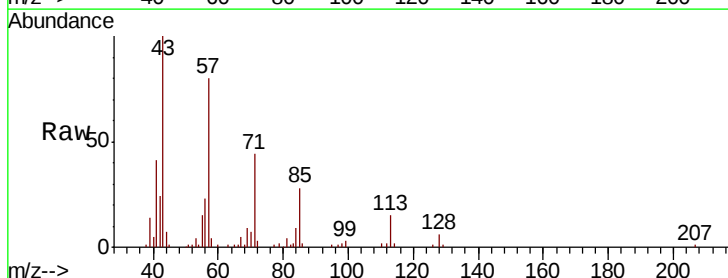
Acq: 21 Dec 2018 20:16

Tgt Ion: 43 Resp: 65606

Ion Ratio Lower Upper

43 100

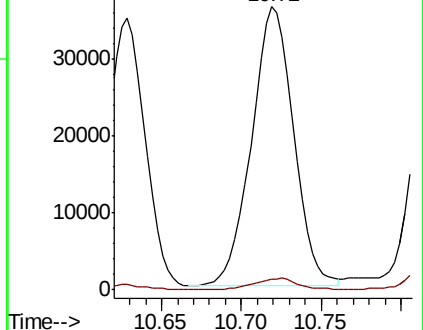
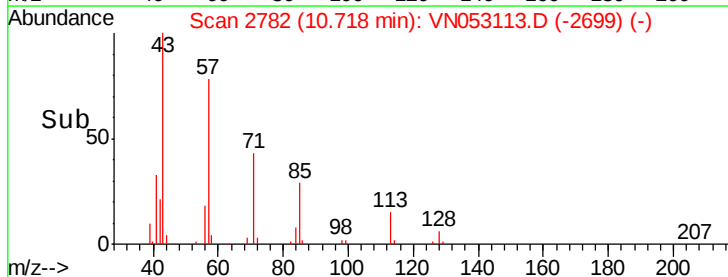
58 4.3 28.1 84.3#

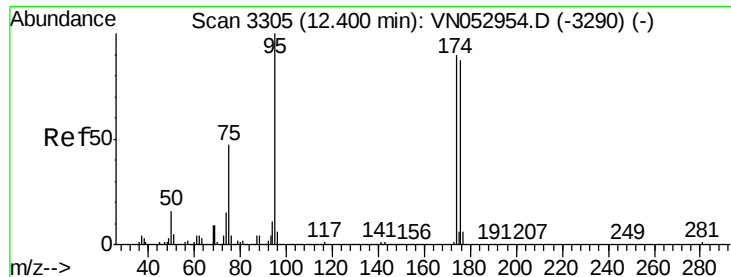


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

Time-->





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

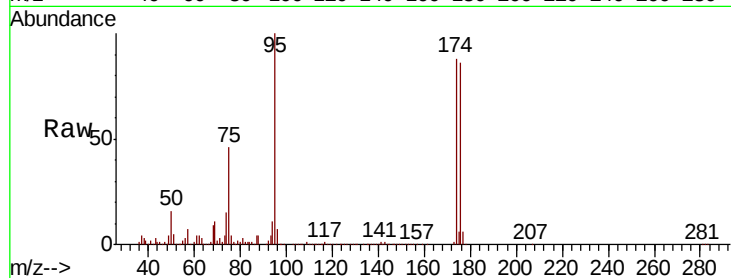
Tot Ion: 95 Resp: 897699

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

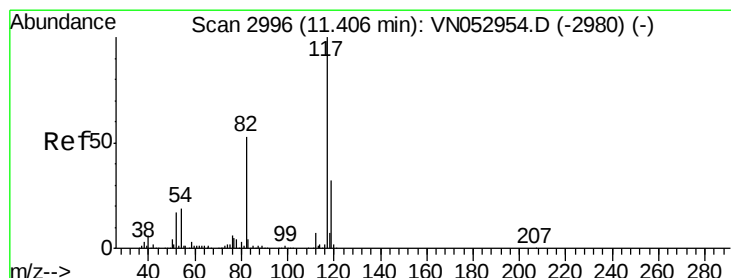
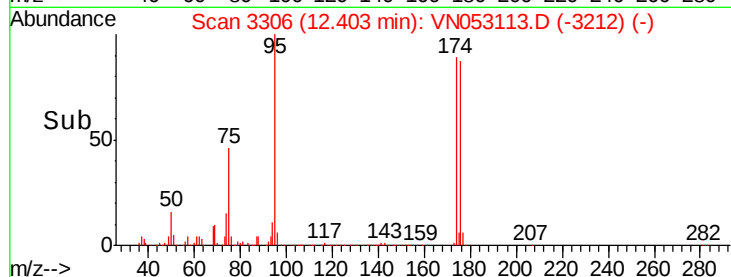
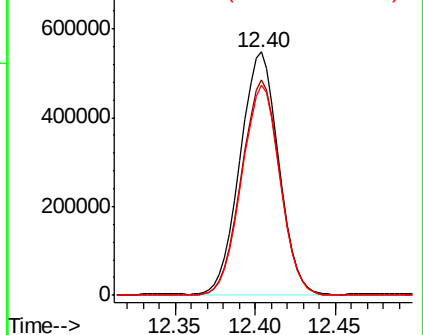
176 86.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

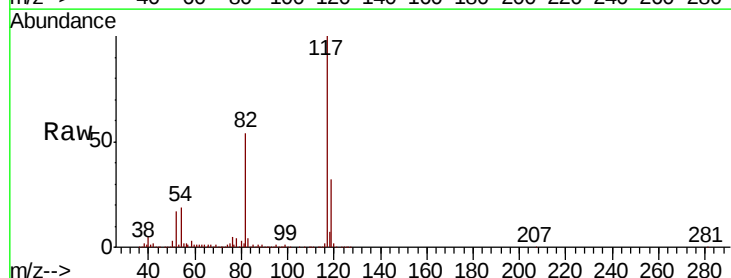
Tgt Ion: 117 Resp: 1937794

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

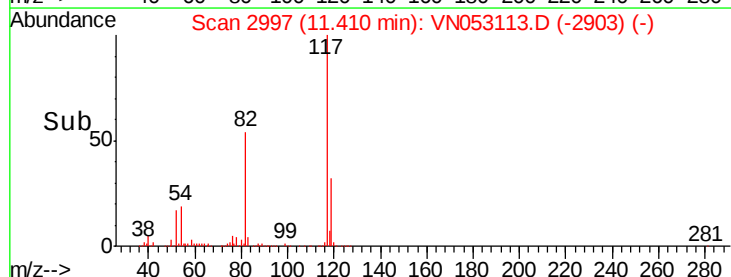
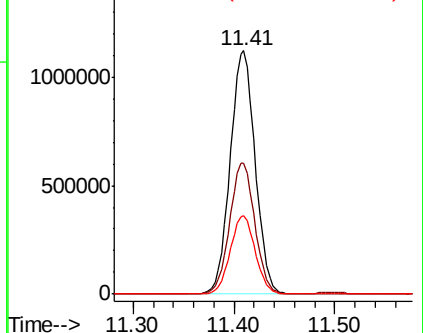
119 32.1 25.5 38.3

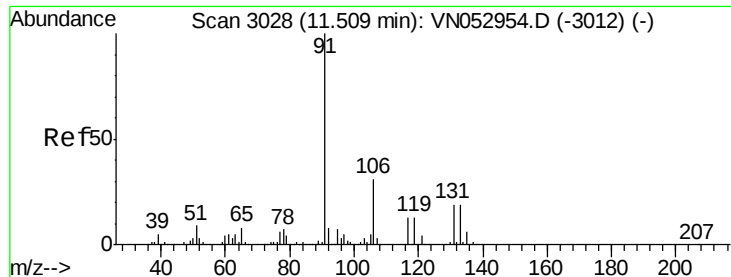


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

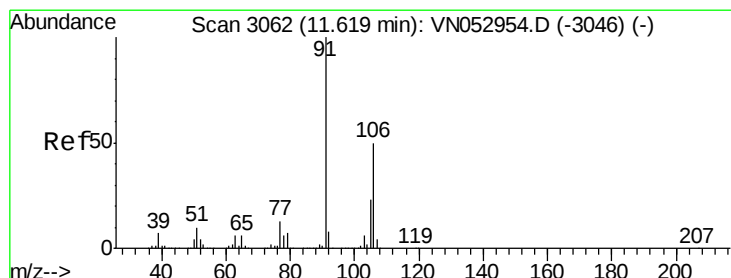
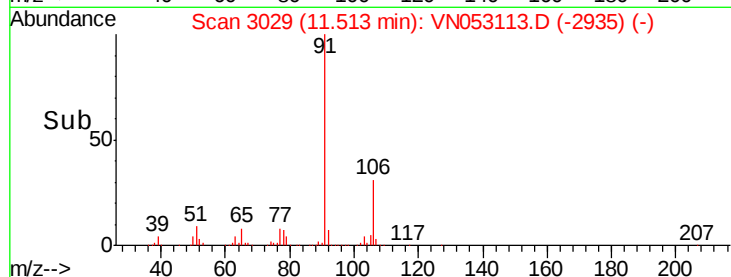
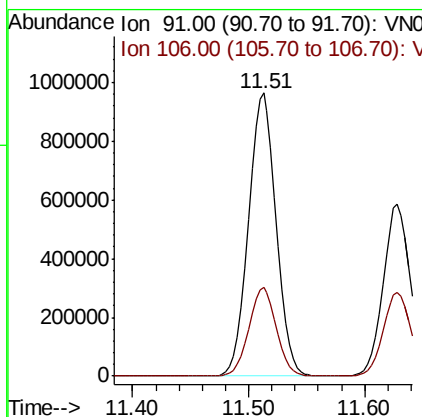
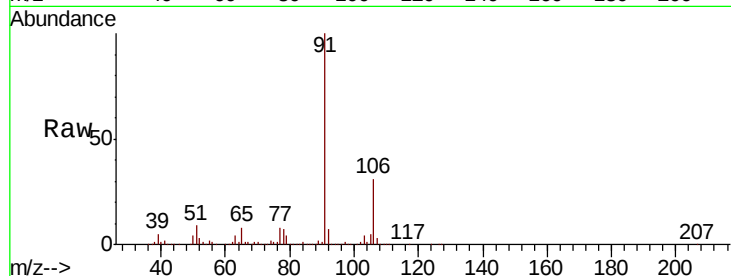




#67
Ethyl Benzene
Concen: 21.662 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

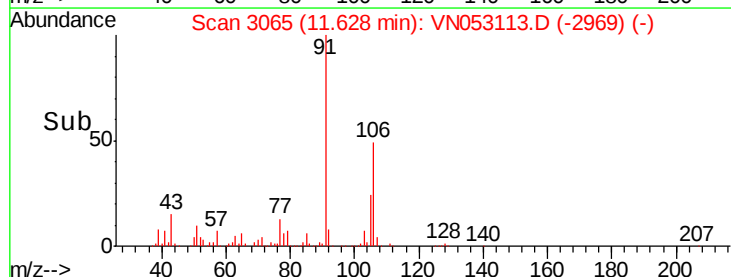
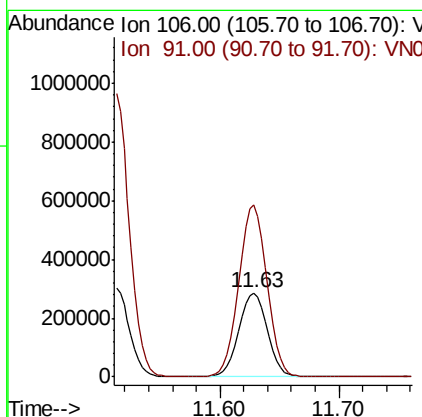
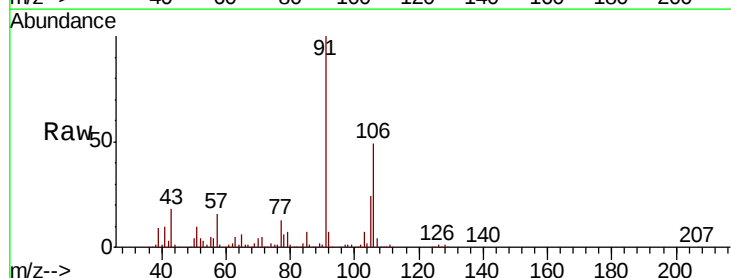
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

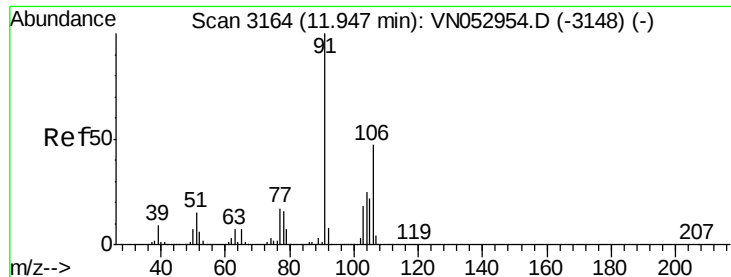
Tot Ion: 91 Resp: 1600208
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 16.926 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion: 106 Resp: 475334
Ion Ratio Lower Upper
106 100
91 201.4 162.2 243.4

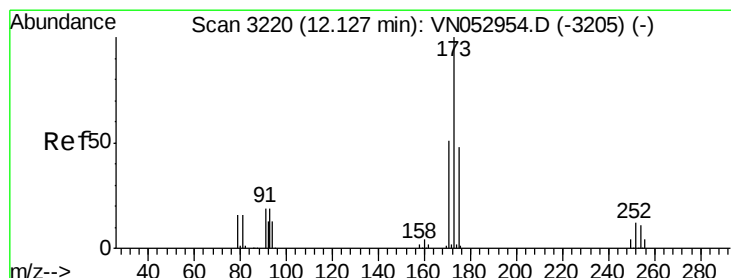
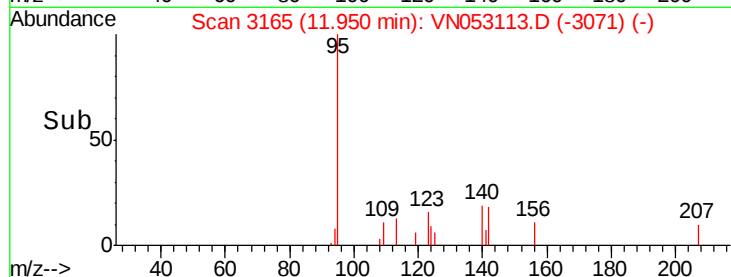
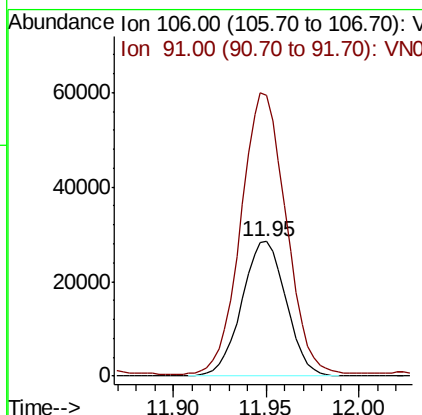
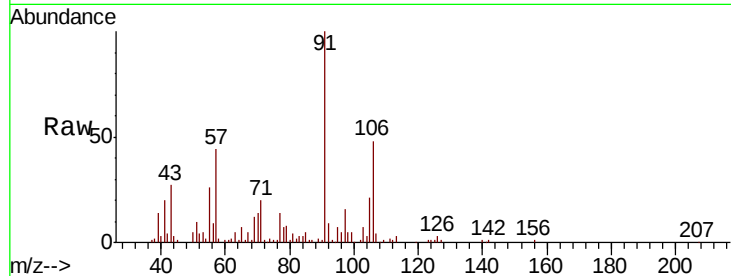




#69
o-Xylene
Concen: 1.756 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

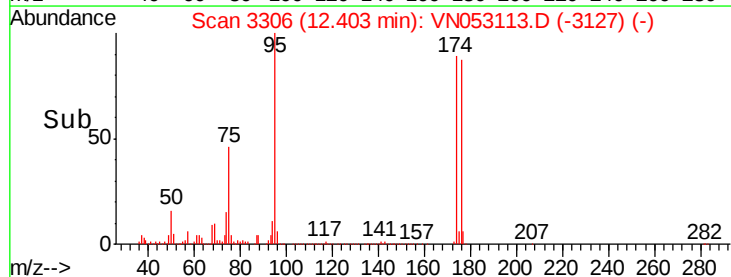
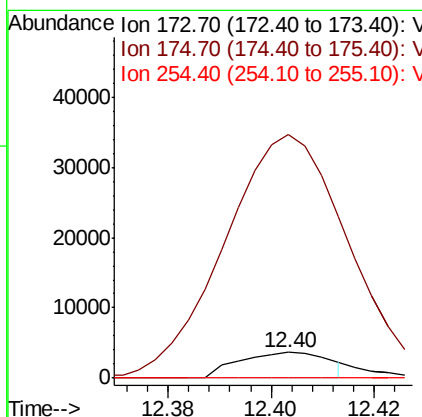
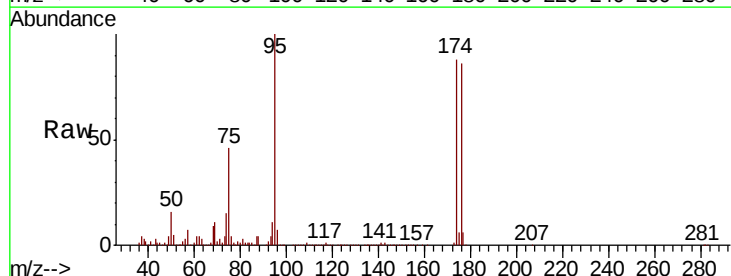
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

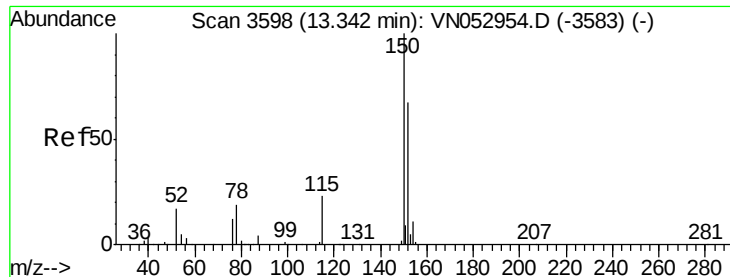
Tot Ion:106 Resp: 47328
Ion Ratio Lower Upper
106 100
91 212.2 106.6 319.8



#71
Bromoform
Concen: 0.408 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion:173 Resp: 4405
Ion Ratio Lower Upper
173 100
175 1118.5 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: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

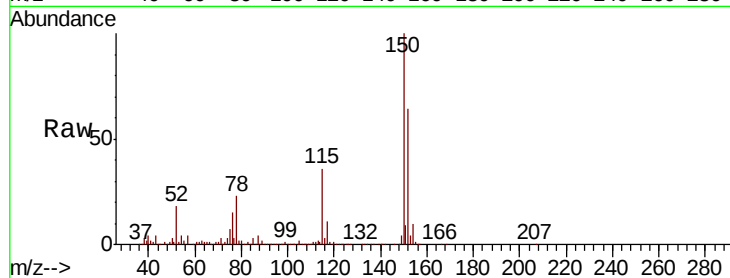
Tot Ion:152 Resp: 813148

Ion Ratio Lower Upper

152 100

115 61.5 28.3 85.0

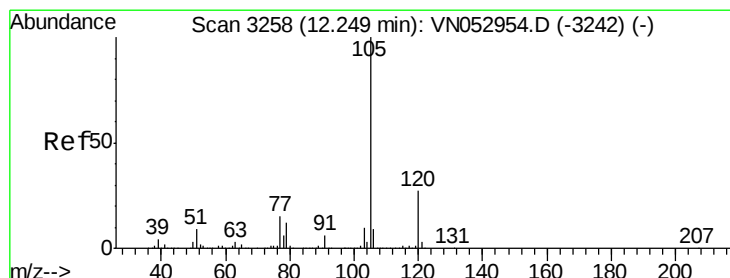
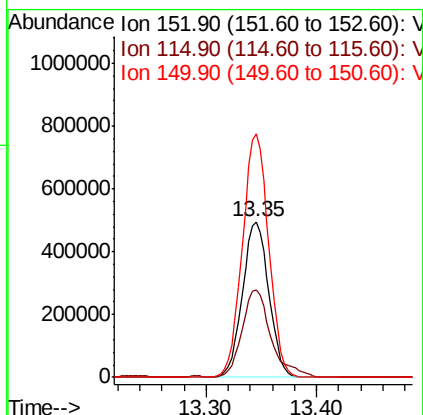
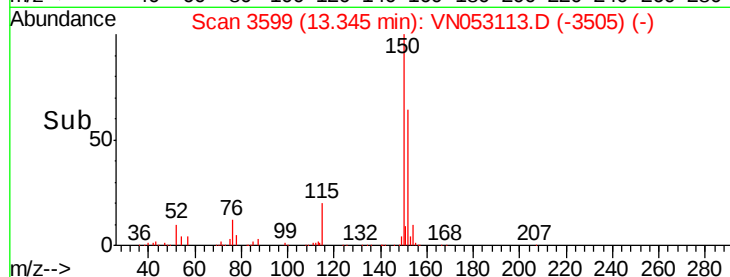
150 156.5 0.0 347.8



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: 7.657 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053113.D

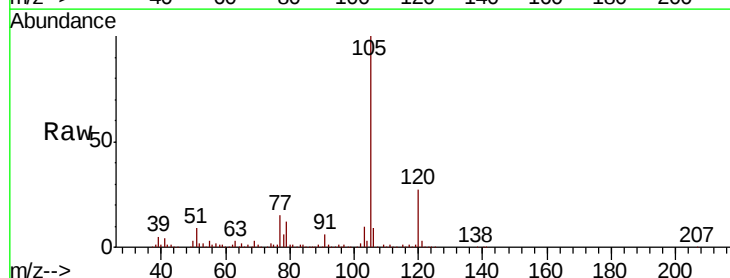
Acq: 21 Dec 2018 20:16

Tgt Ion:105 Resp: 487138

Ion Ratio Lower Upper

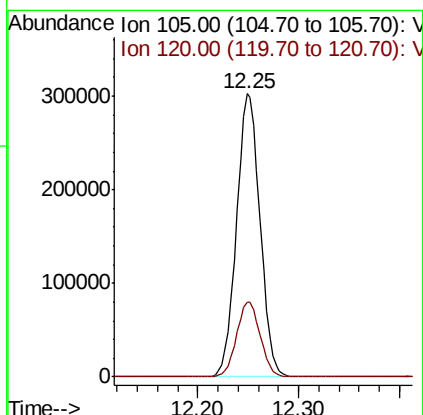
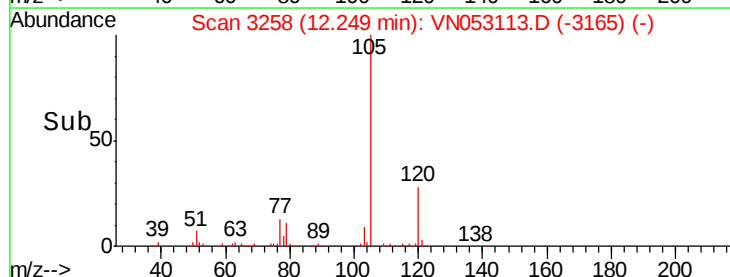
105 100

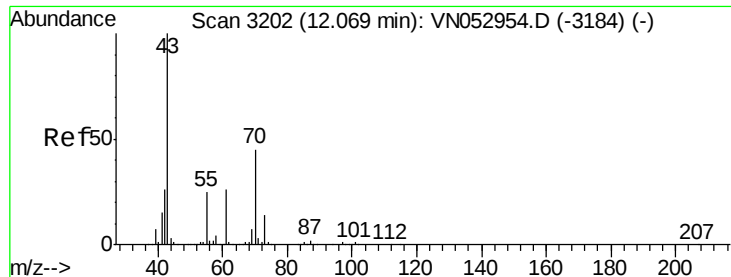
120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 3.050 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 43 Resp: 53873

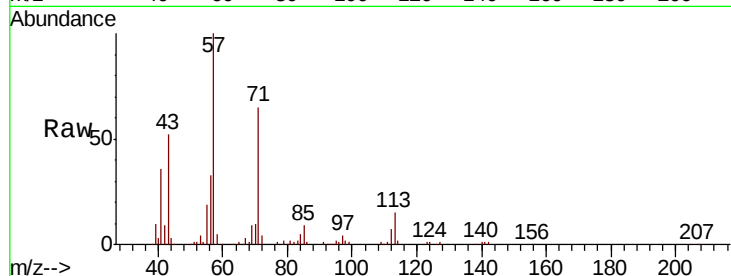
Ion Ratio Lower Upper

43 100

70 9.9 34.2 51.4#

55 9.8 20.3 30.5#

61 0.0 20.0 30.0#

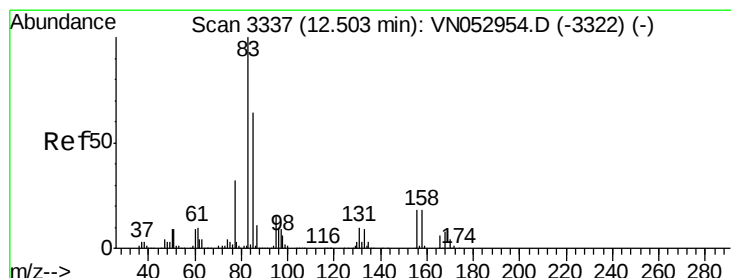
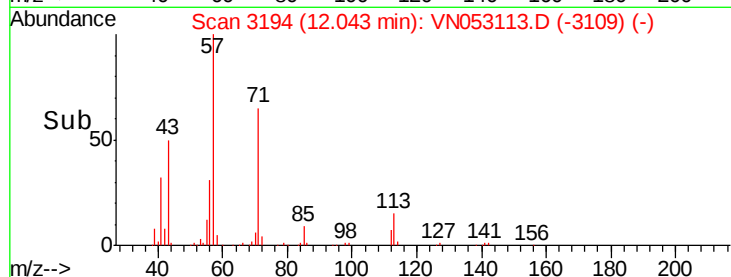
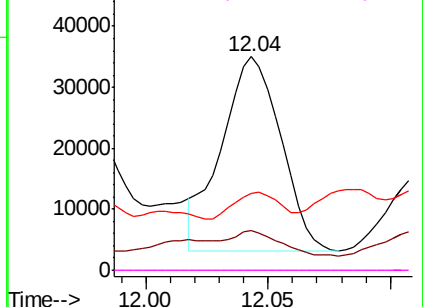


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.431 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.05 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

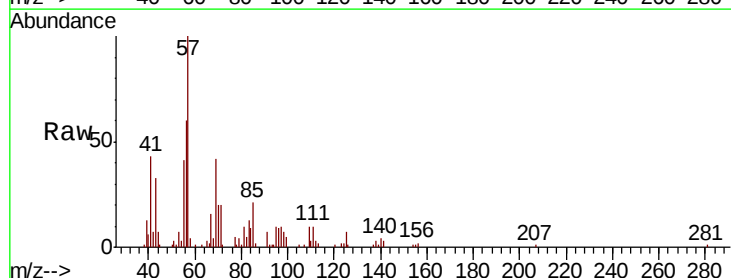
Tgt Ion: 83 Resp: 5374

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

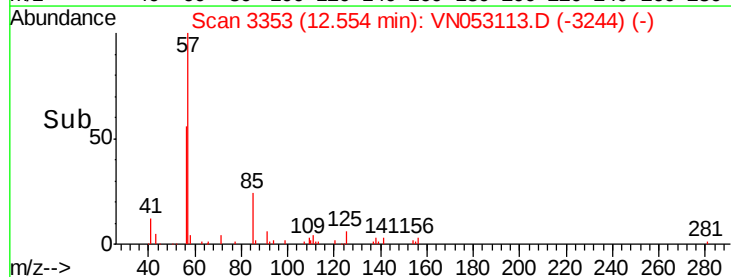
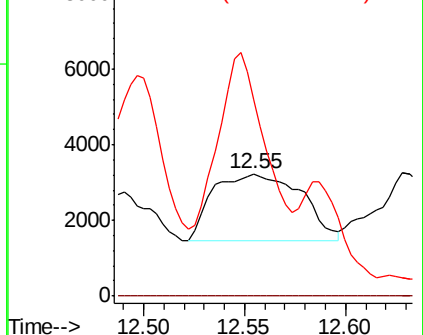
85 196.1 32.4 97.0#

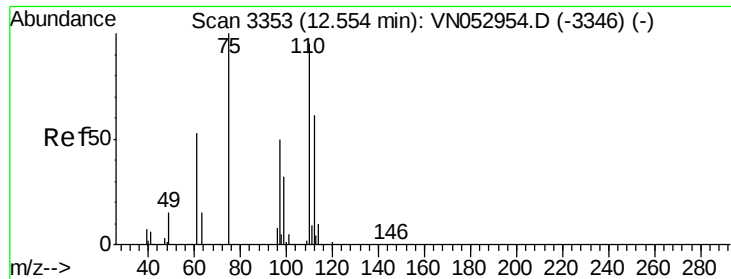


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 30.223 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

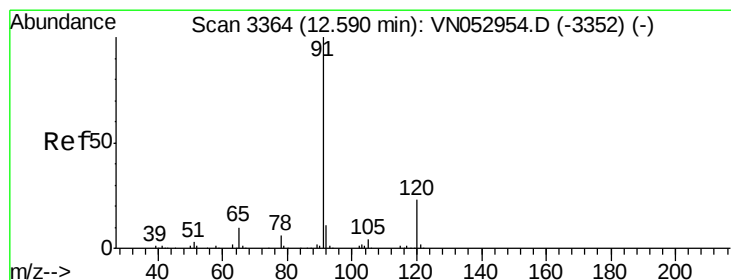
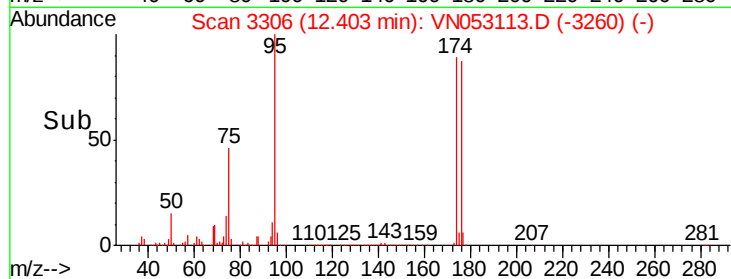
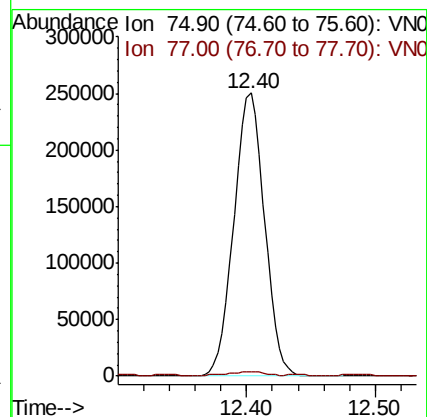
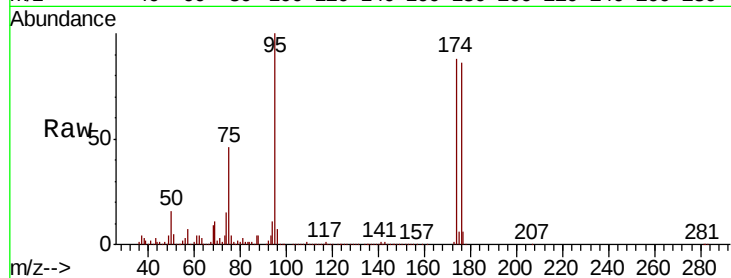
KY001SB103-121118-(20-22)MEDL

Tot Ion: 75 Resp: 413702

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 20.477 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053113.D

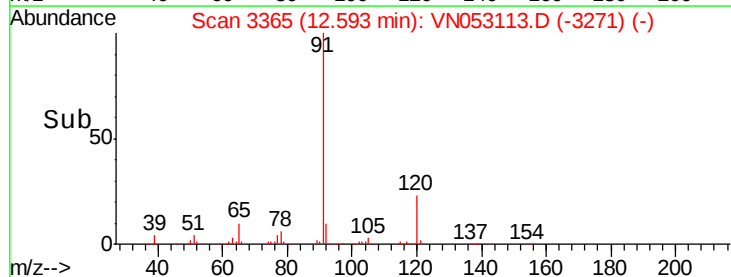
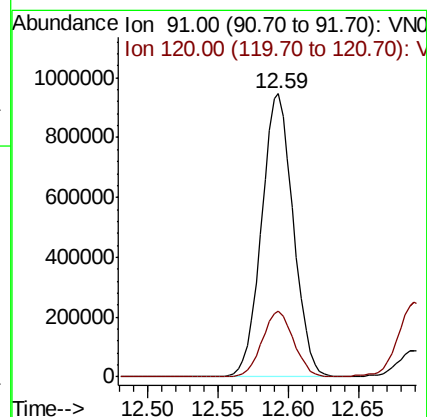
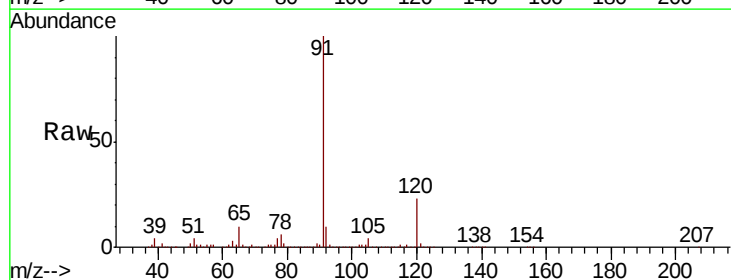
Acq: 21 Dec 2018 20:16

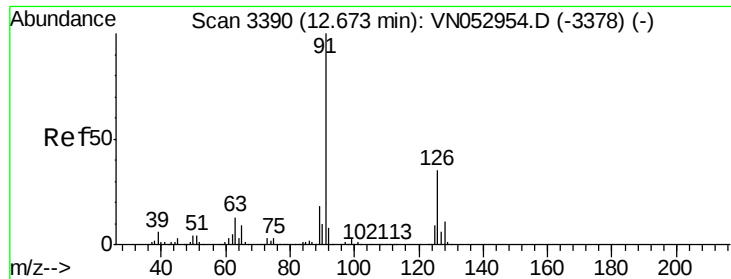
Tgt Ion: 91 Resp: 1483716

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5

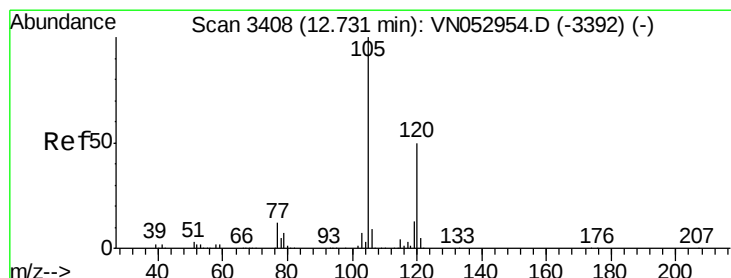
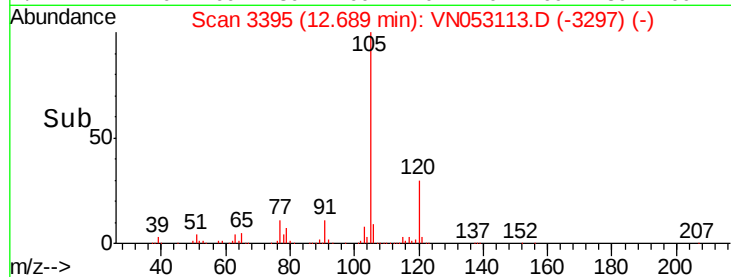
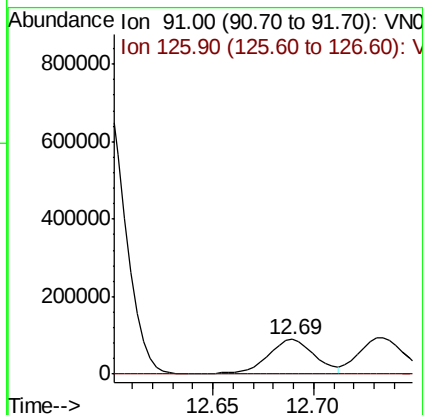
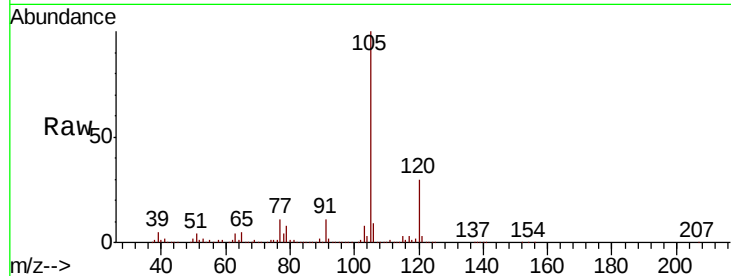




#79
 2-Chlorotoluene
 Concen: 3.175 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. 0.02 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

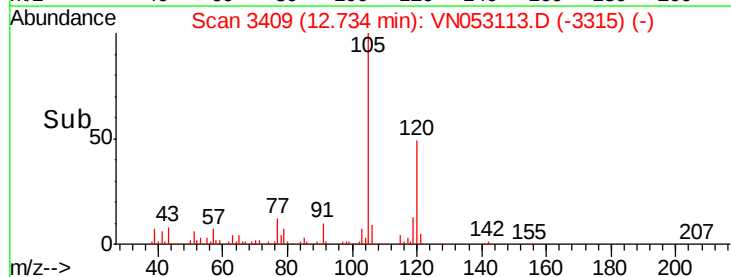
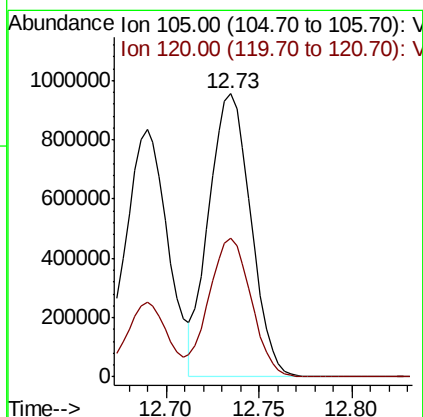
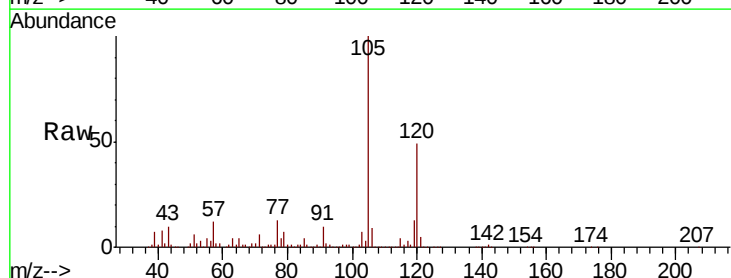
Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

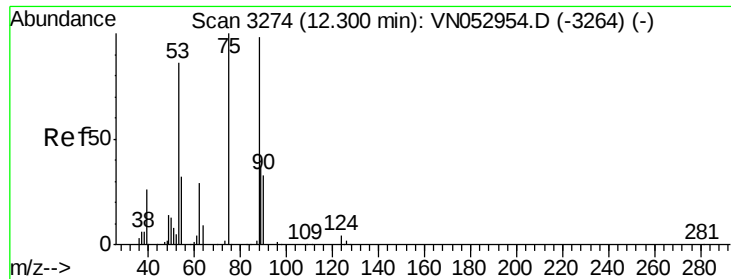
Tot Ion: 91 Resp: 142607
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 28.924 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Tgt Ion: 105 Resp: 1499893
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 97.411 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

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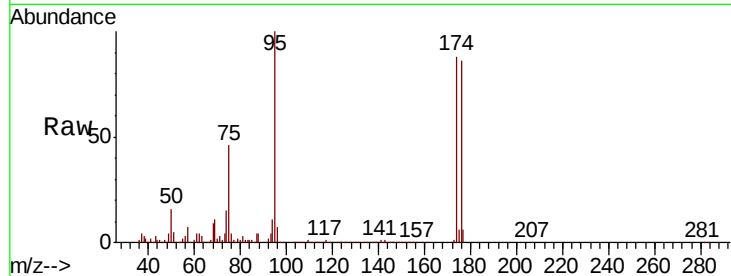
Tot Ion: 75 Resp: 413702

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

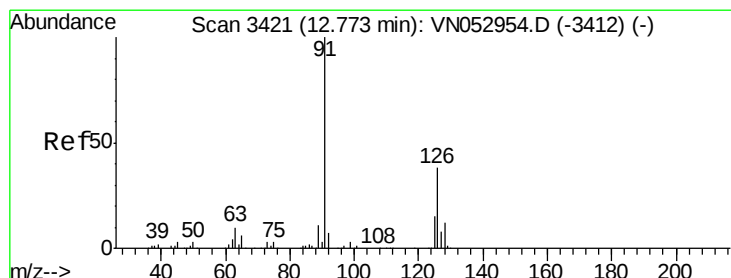
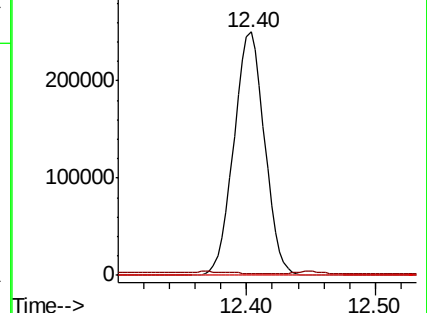
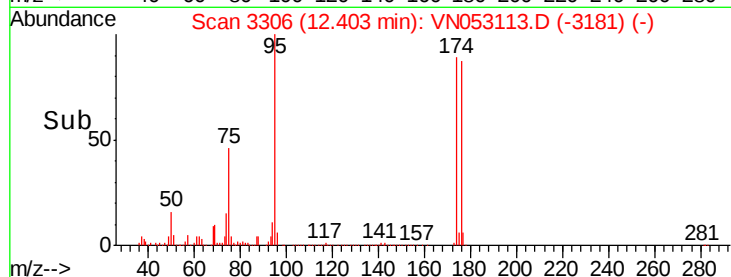
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 3.343 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053113.D

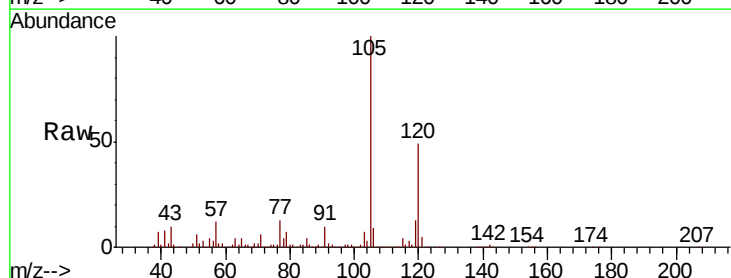
Acq: 21 Dec 2018 20:16

Tgt Ion: 91 Resp: 146977

Ion Ratio Lower Upper

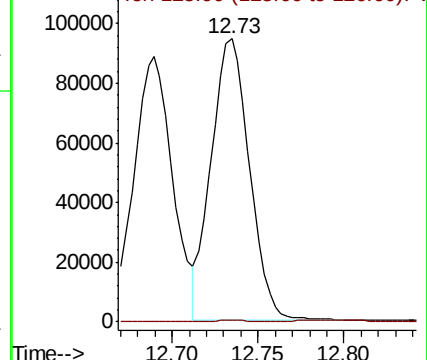
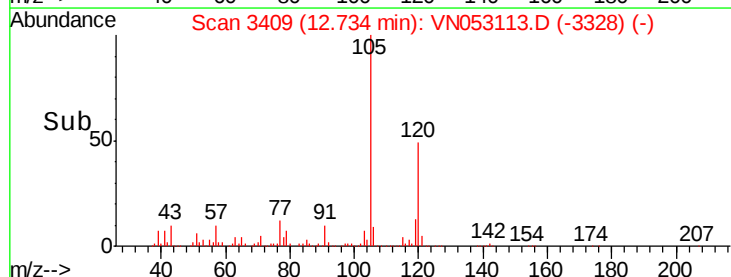
91 100

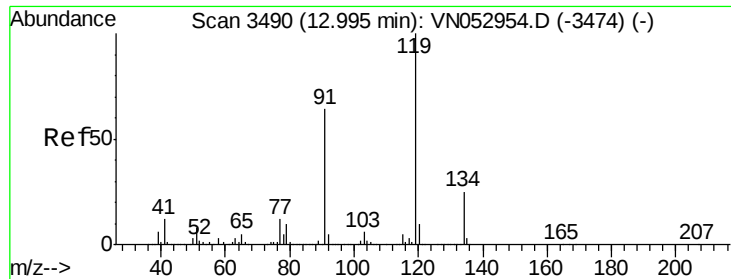
126 0.5 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 13.643 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

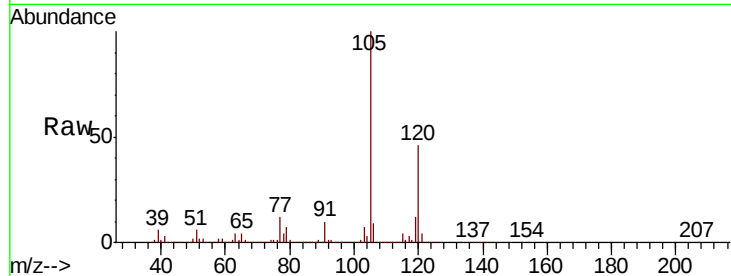
Tot Ion:119 Resp: 625712

Ion Ratio Lower Upper

119 100

91 78.2 31.9 95.5

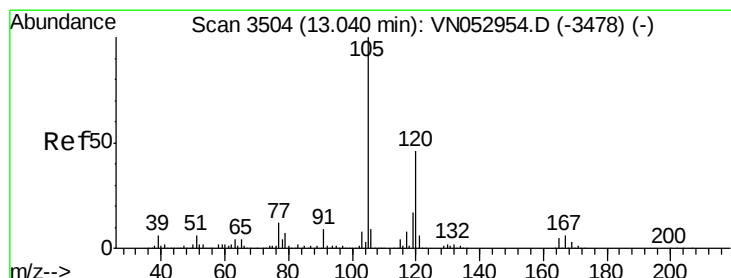
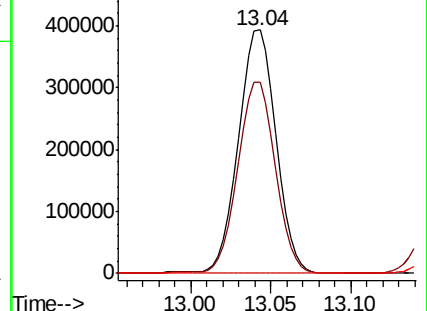
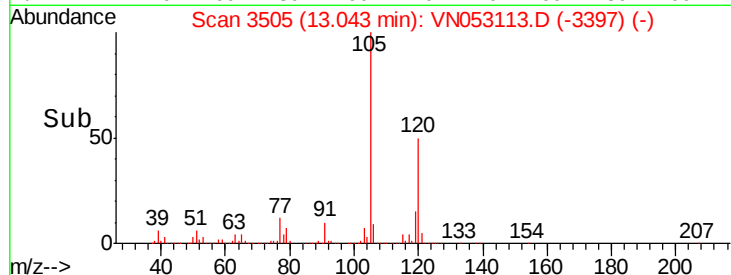
134 0.0 12.8 38.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 97.129 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053113.D

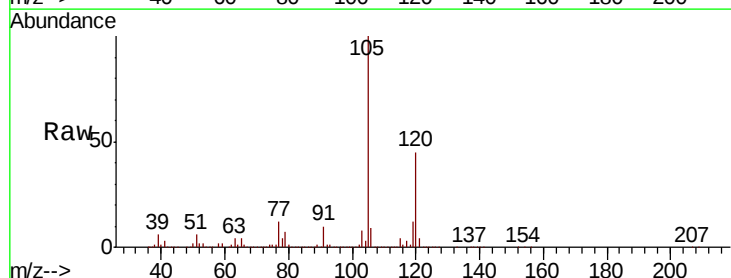
Acq: 21 Dec 2018 20:16

Tgt Ion:105 Resp: 5063439

Ion Ratio Lower Upper

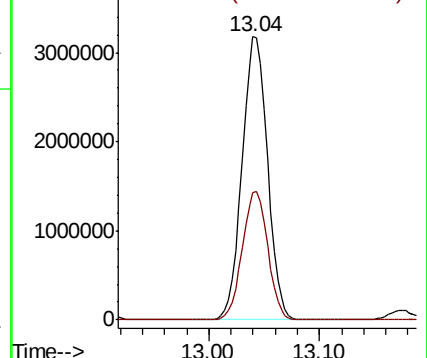
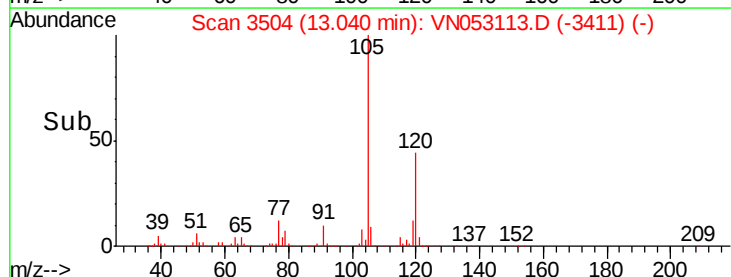
105 100

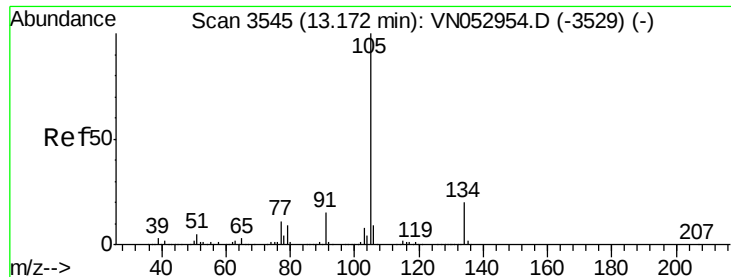
120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

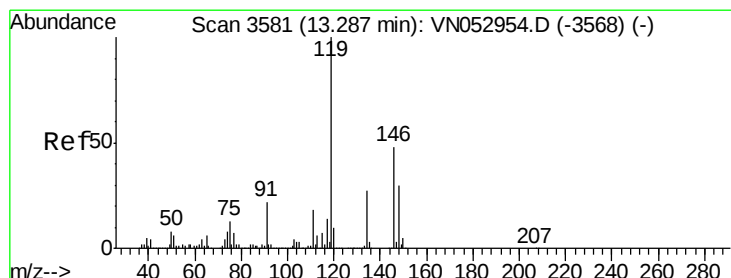
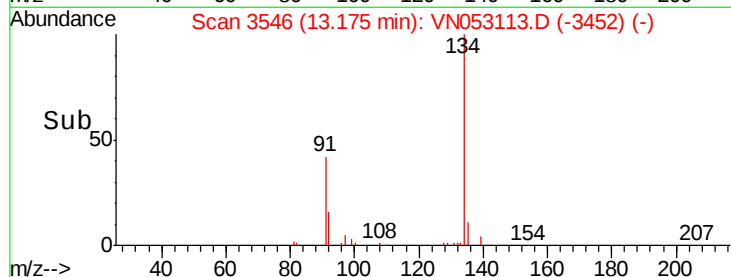
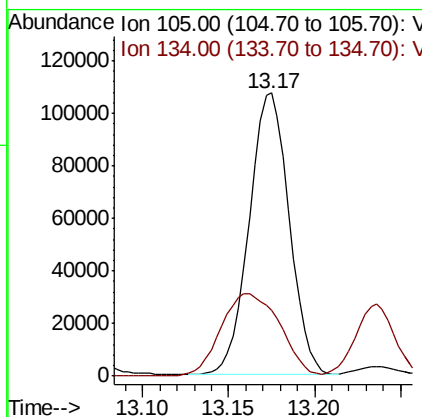
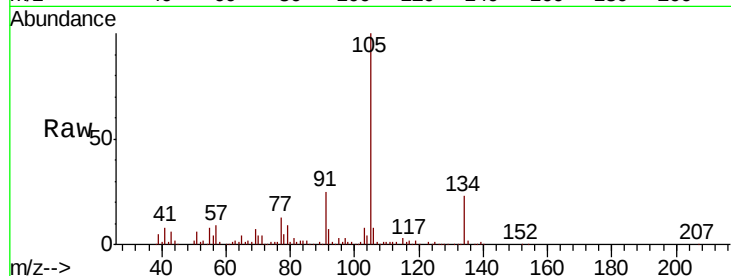




#85
 sec-Butylbenzene
 Concen: 2.778 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

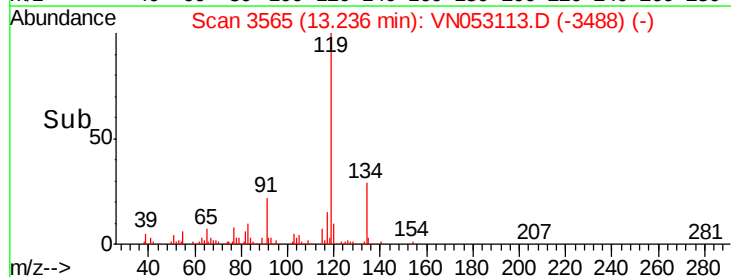
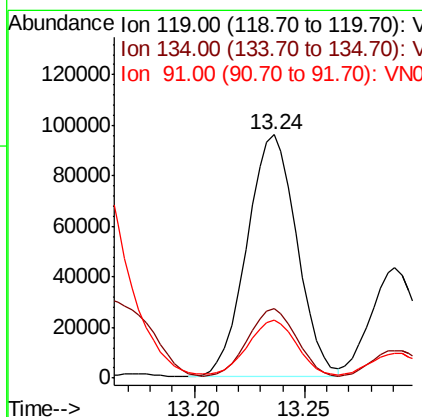
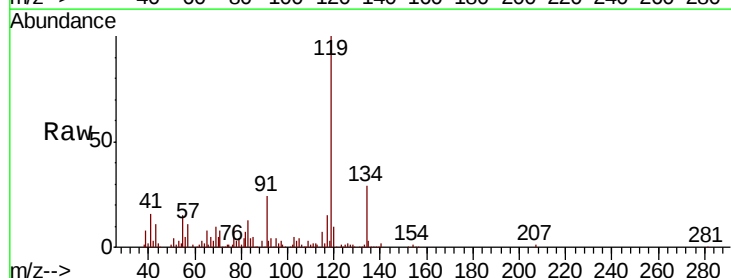
Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(20-22)MEDL

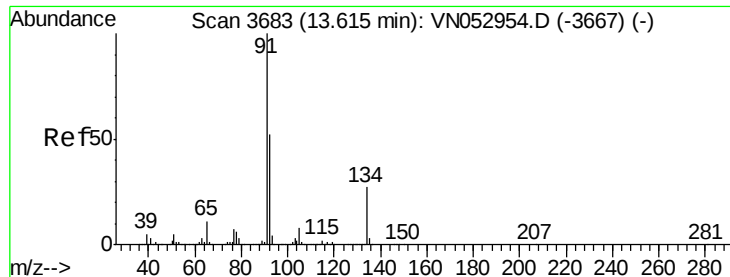
Tot Ion:105 Resp: 172335
 Ion Ratio Lower Upper
 105 100
 134 43.4 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 2.803 ug/l
 RT: 13.24 min Scan# 3565
 Delta R.T. -0.05 min
 Lab File: VN053113.D
 Acq: 21 Dec 2018 20:16

Tgt Ion:119 Resp: 150261
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.4 40.2
 91 21.3 11.1 33.3

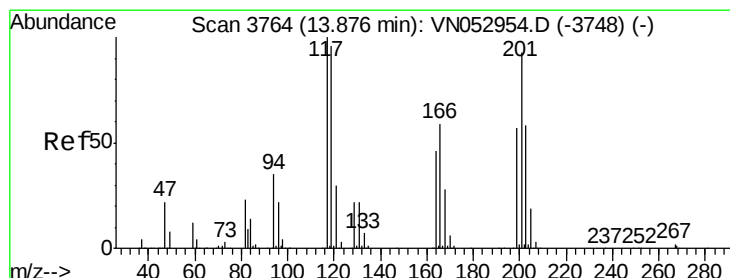
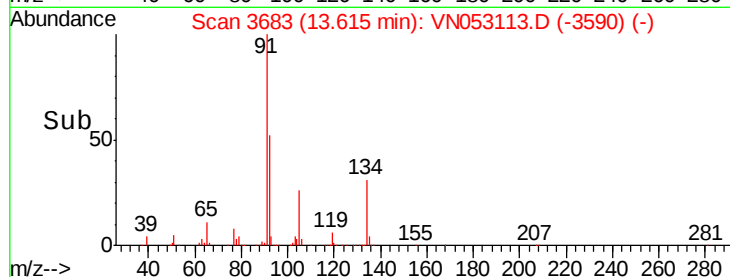
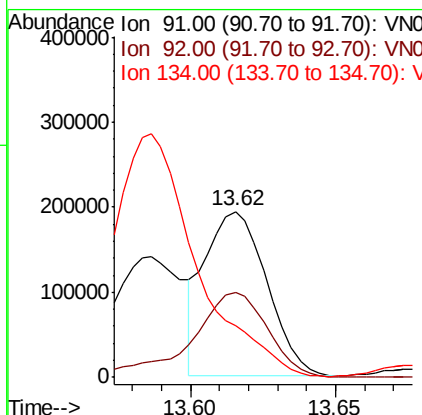
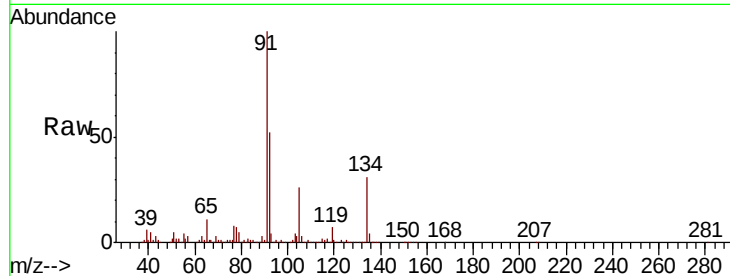




#89
n-Butylbenzene
Concen: 6.169 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

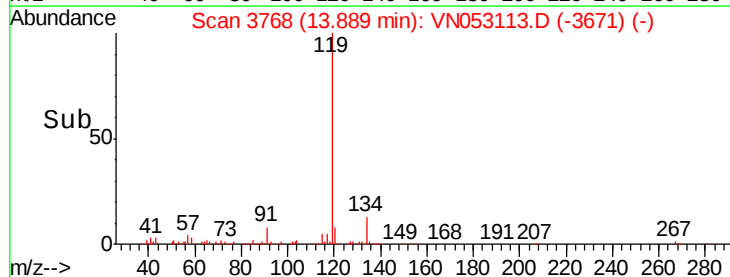
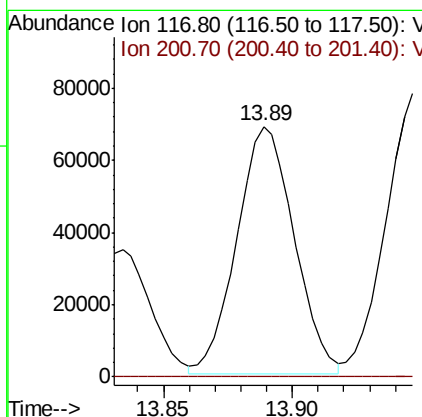
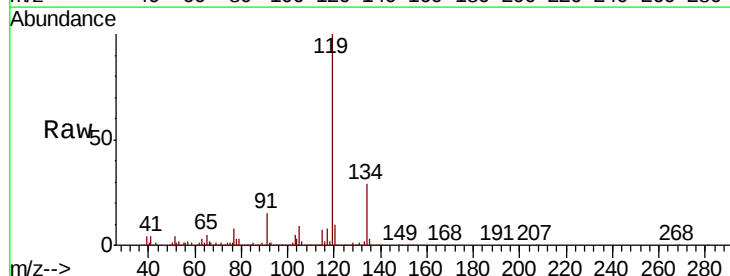
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(20-22)MEDL

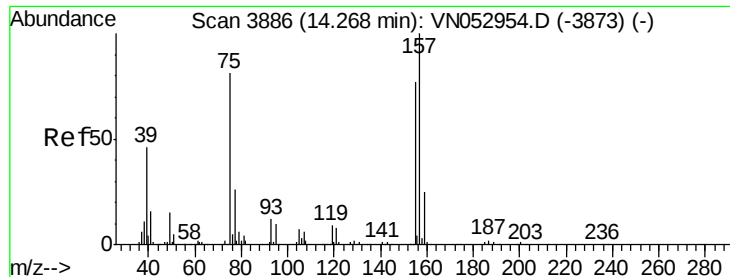
Tot Ion: 91 Resp: 284471
Ion Ratio Lower Upper
91 100
92 63.7 26.3 78.9
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 12.981 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053113.D
Acq: 21 Dec 2018 20:16

Tgt Ion: 117 Resp: 106776
Ion Ratio Lower Upper
117 100
201 0.0 45.7 137.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.542 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

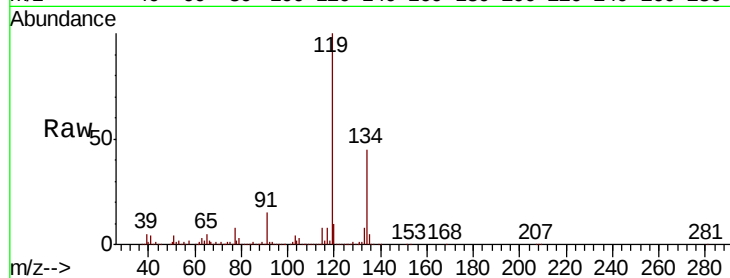
Tot Ion: 75 Resp: 5486

Ion Ratio Lower Upper

75 100

155 8.5 48.2 144.6#

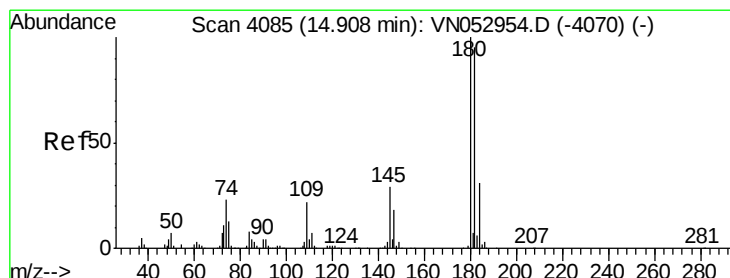
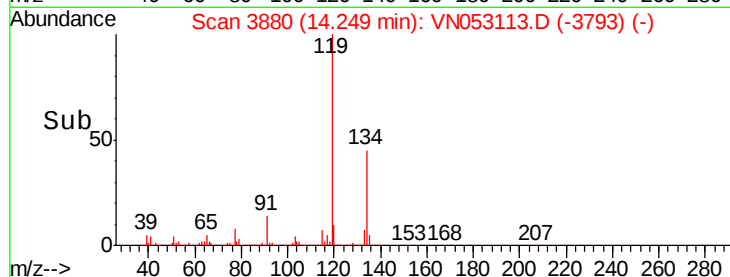
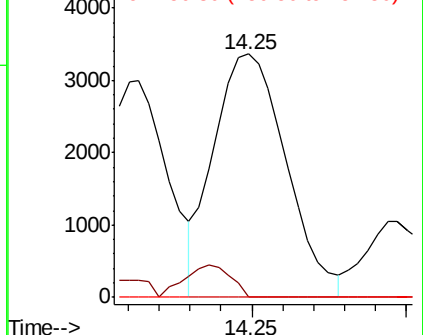
157 0.0 61.2 183.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.632 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

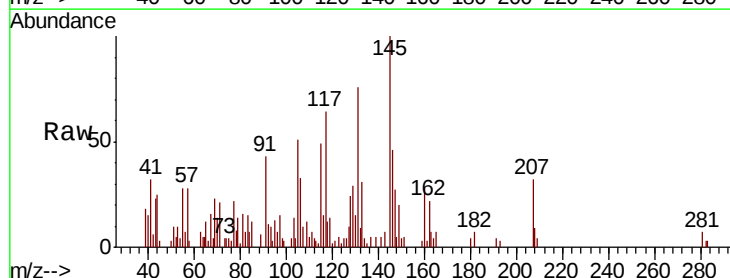
Tgt Ion:180 Resp: 528

Ion Ratio Lower Upper

180 100

182 146.2 47.8 143.3#

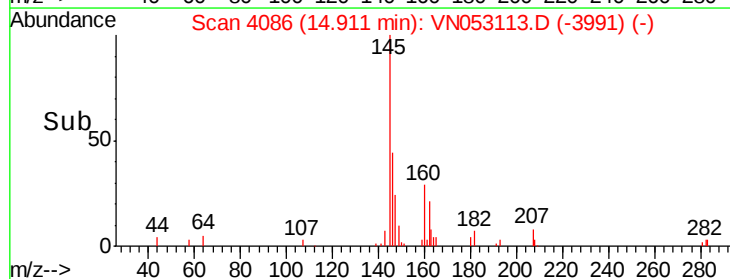
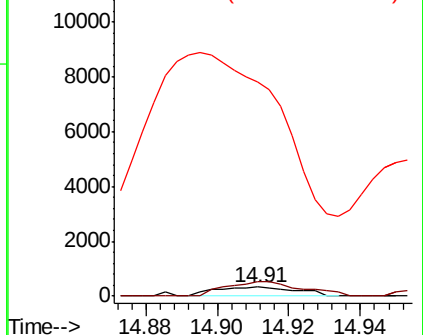
145 0.0 14.2 42.6#

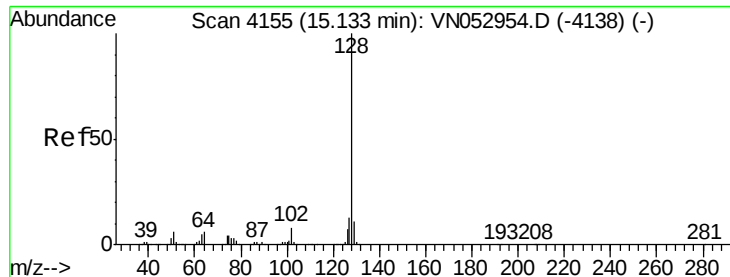


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 16.549 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(20-22)MEDL

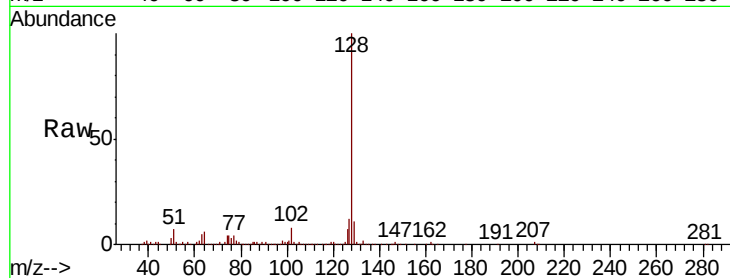
Tot Ion:128 Resp: 503980

Ion Ratio Lower Upper

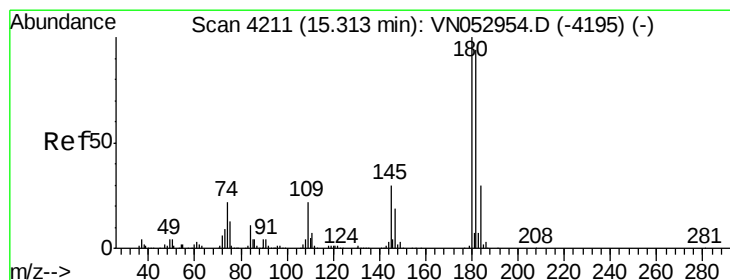
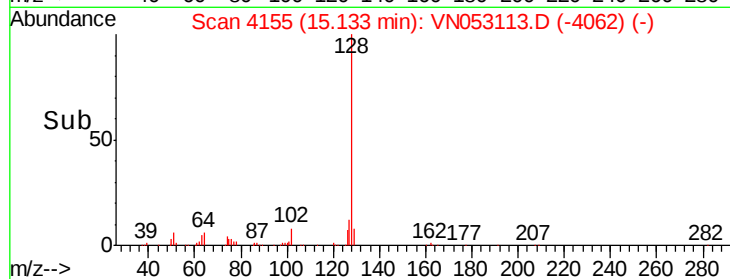
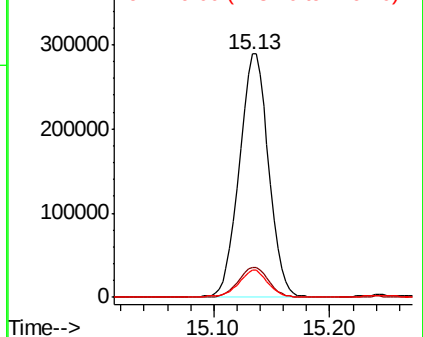
128 100

127 12.5 10.2 15.4

129 11.0 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: 0.549 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053113.D

Acq: 21 Dec 2018 20:16

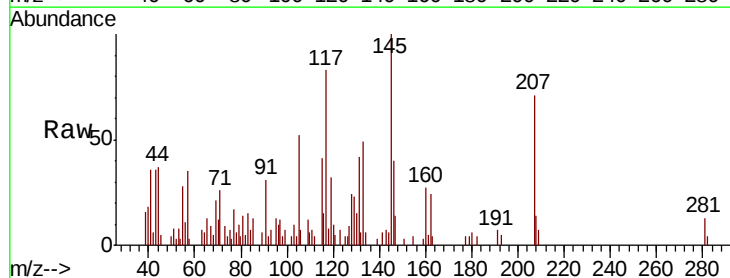
Tgt Ion:180 Resp: 547

Ion Ratio Lower Upper

180 100

182 26.3 47.9 143.7#

145 1699.3 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

