

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052967.D
 Acq On : 18 Dec 2018 17:58
 Operator : MD\SY
 Sample : J6378-14ME 20X
 Misc : 4.62g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD013-0006-01MEDL

Quant Time: Dec 19 03:48:37 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	1456117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2214639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1991815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	816477	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	692389	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	7.59	113	515183	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.09	98	2710415	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	916174	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	

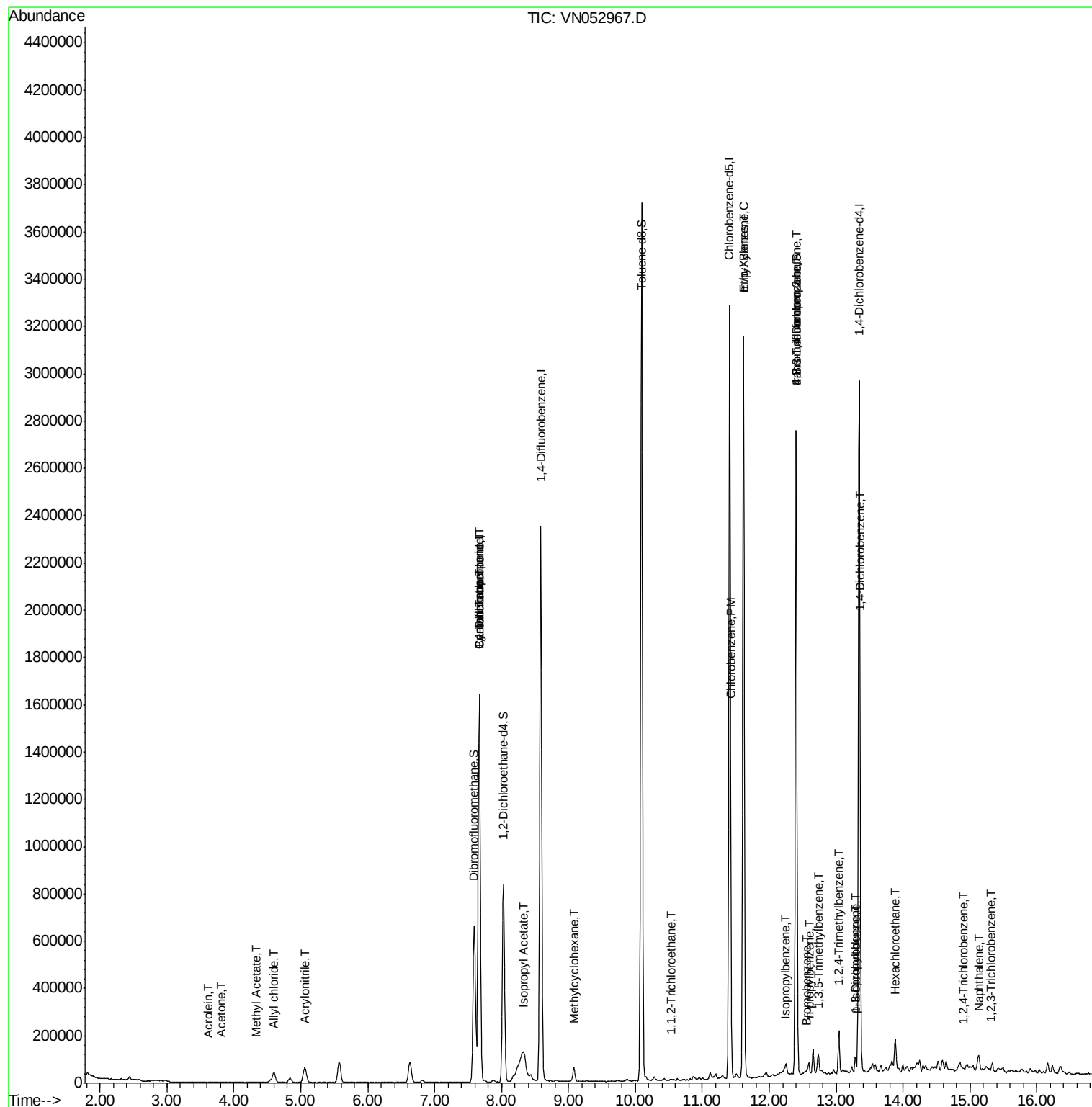
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	662	0.810	ug/l #	43
14) Allyl chloride	4.60	41	17196	0.800	ug/l #	30
15) Acrylonitrile	5.05	53	1273	0.254	ug/l #	36
16) Acetone	3.82	43	2903	1.002	ug/l	97
18) Methyl Acetate	4.33	43	6751	1.495	ug/l	94
31) Cyclohexane	7.66	56	33952	0.282	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	96147	4.523	ug/l #	48
38) Carbon Tetrachloride	7.67	117	127002	6.518	ug/l #	15
39) Methylcyclohexane	9.08	83	26387	1.022	ug/l	94
43) Isopropyl Acetate	8.33	43	345744	14.310	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	3356	0.245	ug/l #	14
65) Chlorobenzene	11.43	112	30529	0.691	ug/l	93
67) Ethyl Benzene	11.62	91	1854595	24.425	ug/l #	67
68) m/p-Xylenes	11.62	106	917238	31.776	ug/l	100
73) Isopropylbenzene	12.25	105	18074	0.283	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	427176	31.080	ug/l #	100
77) Bromobenzene	12.55	156	4145	0.250	ug/l #	1
78) n-propylbenzene	12.59	91	30079	0.413	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	37453	0.719	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	427176	100.173	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	105461	2.015	ug/l	100
86) p-Isopropyltoluene	13.29	119	24024	0.446	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	7176	0.244	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	57424	1.929	ug/l	88
90) Hexachloroethane	13.88	117	2119	0.257	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.90	180	1497	0.697	ug/l #	67
94) Hexachlorobutadiene	15.01	225	374	Below Cal	#	30
95) Naphthalene	15.13	128	49528	2.654	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	1586	0.627	ug/l #	80

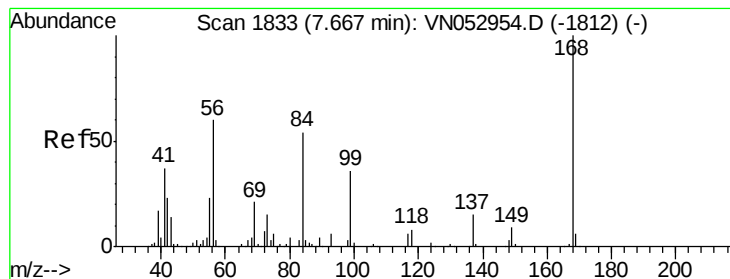
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

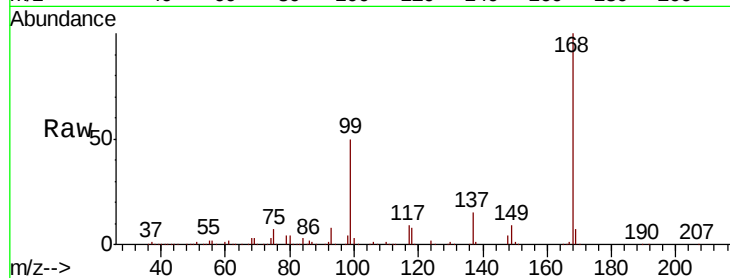
P001-SD013-0006-01MEDL

Tot Ion:168 Resp: 1456117

Ion Ratio Lower Upper

168 100

99 49.8 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

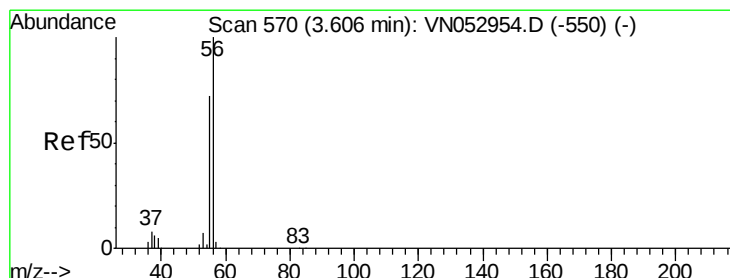
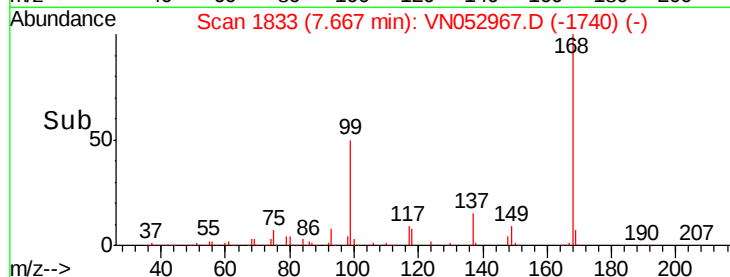
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 0.810 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN052967.D

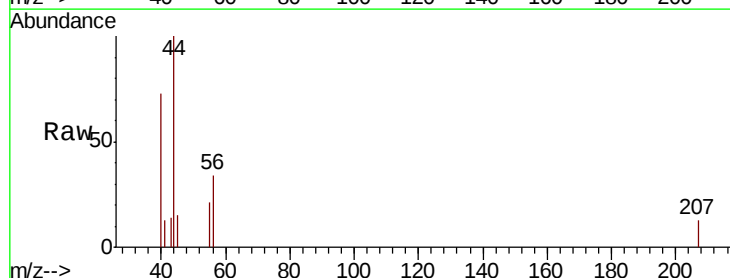
Acq: 18 Dec 2018 17:58

Tgt Ion: 56 Resp: 662

Ion Ratio Lower Upper

56 100

55 117.8 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN052954.D (-550) (-)

Ion 55.00 (54.70 to 55.70): VN052954.D (-550) (-)

3.61

500

400

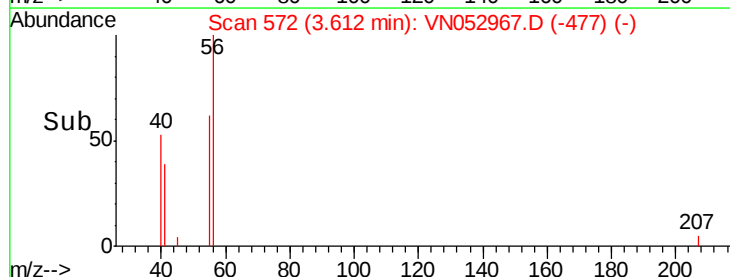
300

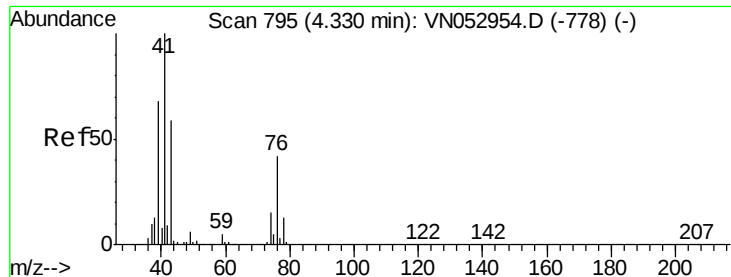
200

100

0

Time--> 3.58 3.60 3.62 3.64





#14

Allvl chloride

Concen: 0.800 ug/l

RT: 4.60 min Scan# 880

Delta R.T. 0.27 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD013-0006-01MEDL

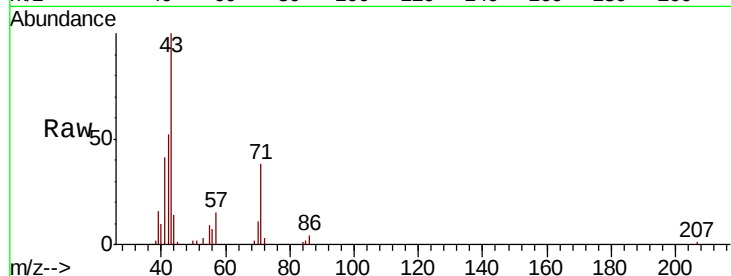
Tot Ion: 41 Resp: 17196

Ion Ratio Lower Upper

41 100

39 7.5 54.1 81.1#

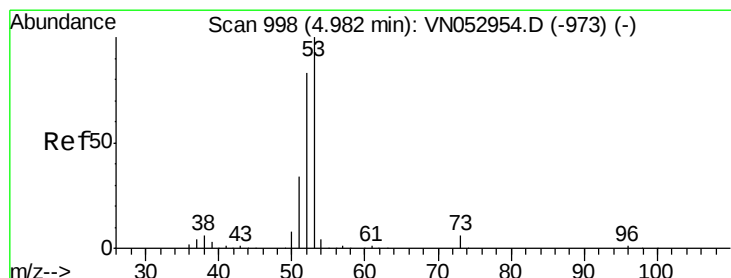
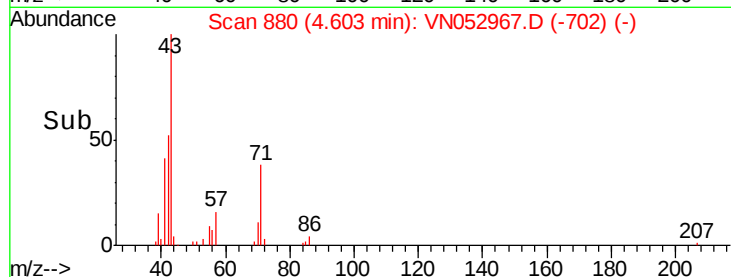
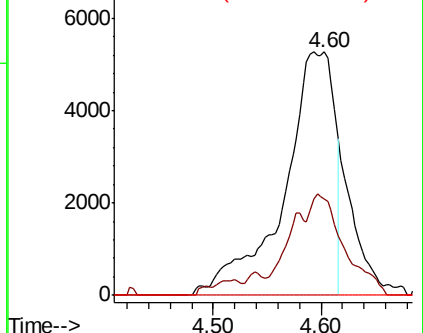
76 0.0 30.3 45.5#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#15

Acrylonitrile

Concen: 0.254 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.06 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

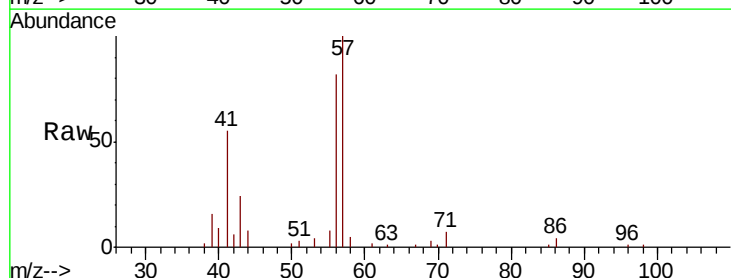
Tgt Ion: 53 Resp: 1273

Ion Ratio Lower Upper

53 100

52 9.3 65.1 97.7#

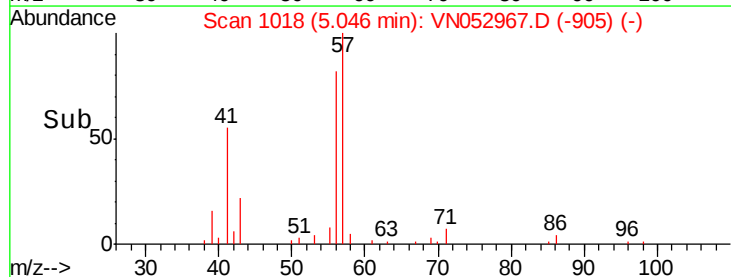
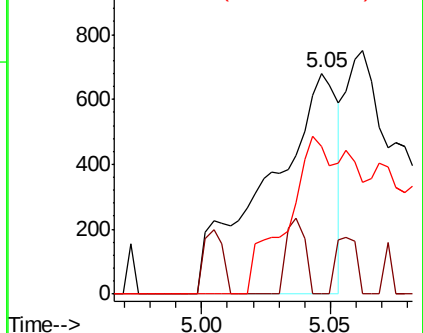
51 50.1 28.1 42.1#

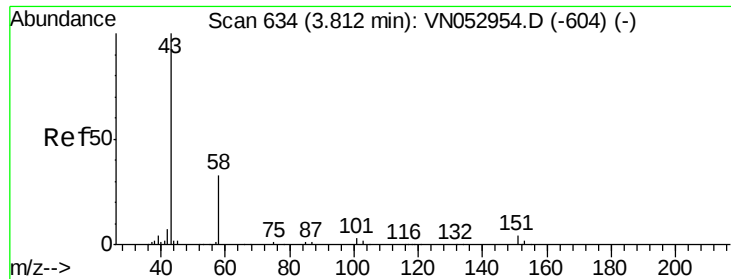


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 1.002 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

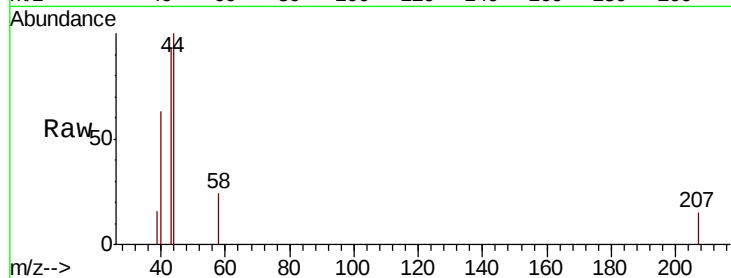
P001-SD013-0006-01MEDL

Tot Ion: 43 Resp: 2903

Ion Ratio Lower Upper

43 100

58 30.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

1500

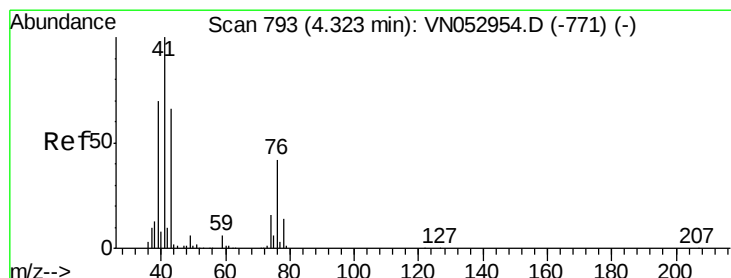
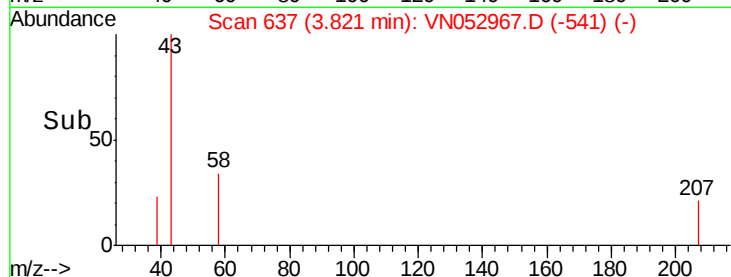
1000

500

0

Time-->

3.75 3.80 3.85



#18

Methyl Acetate

Concen: 1.495 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052967.D

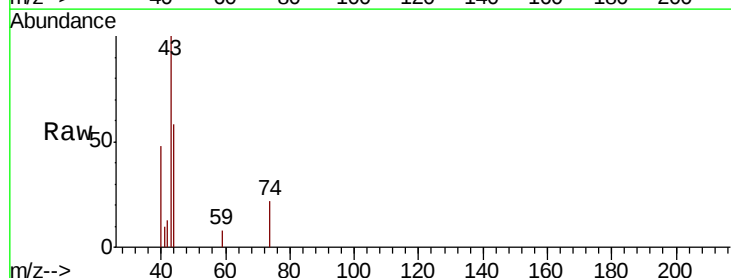
Acq: 18 Dec 2018 17:58

Tgt Ion: 43 Resp: 6751

Ion Ratio Lower Upper

43 100

74 20.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

2500

2000

1500

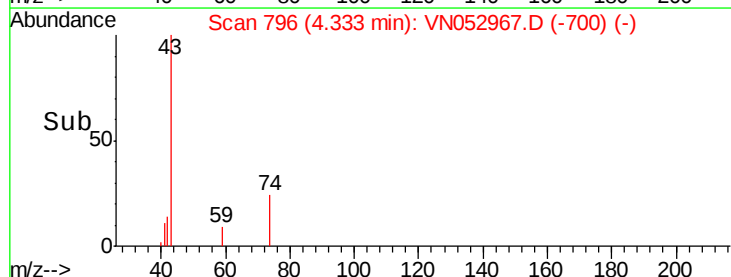
1000

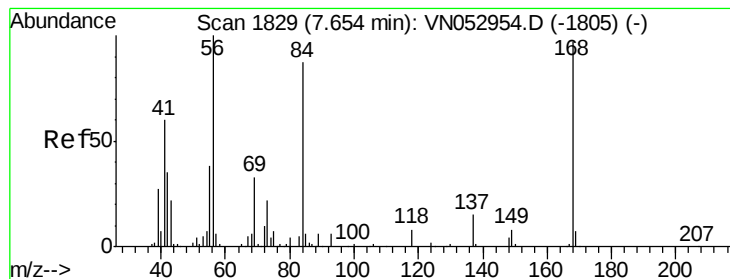
500

0

Time-->

4.25 4.30 4.35 4.40





#31

Cyclohexane

Concen: 0.282 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD013-0006-01MEDL

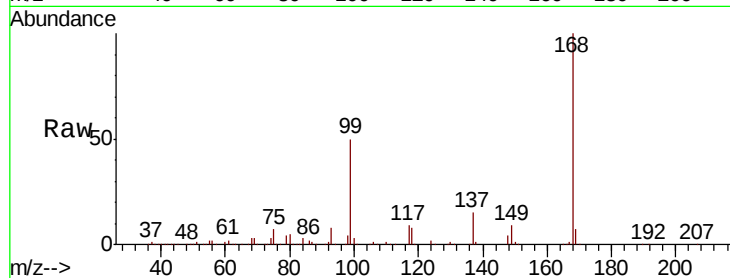
Tot Ion: 56 Resp: 33952

Ion Ratio Lower Upper

56 100

69 151.7 26.6 39.8#

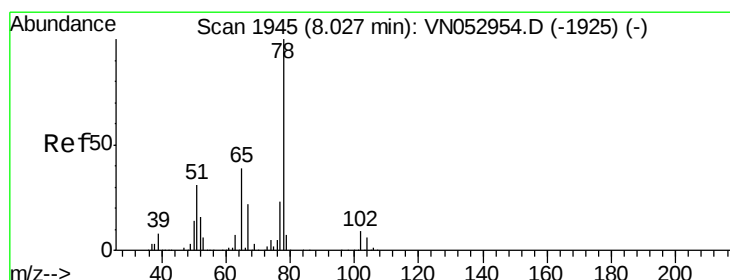
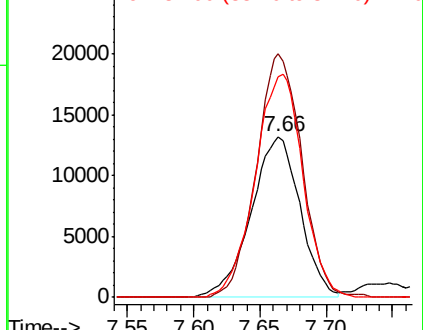
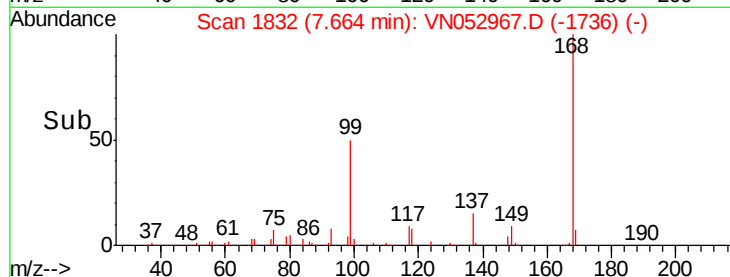
84 137.4 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052967.D

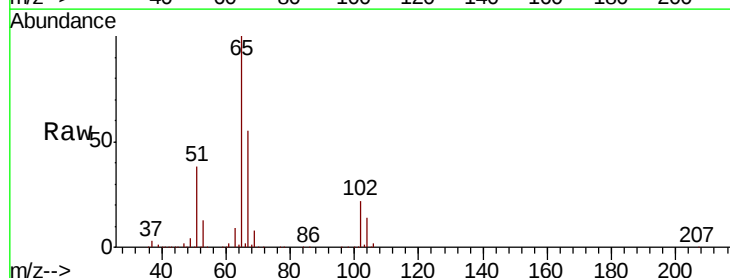
Acq: 18 Dec 2018 17:58

Tgt Ion: 65 Resp: 692389

Ion Ratio Lower Upper

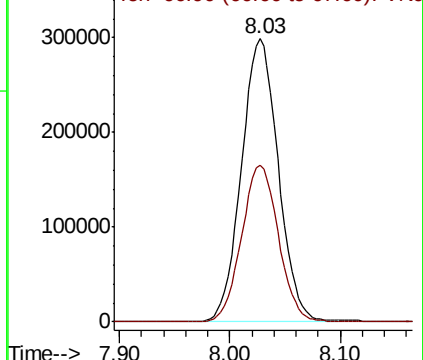
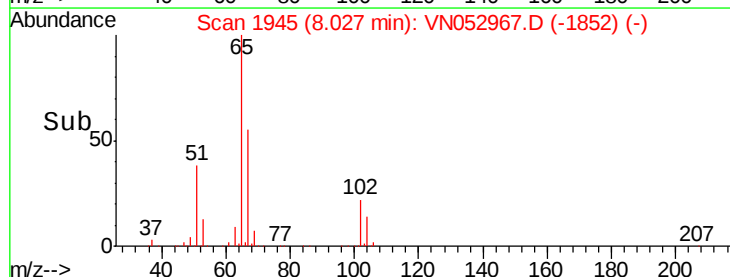
65 100

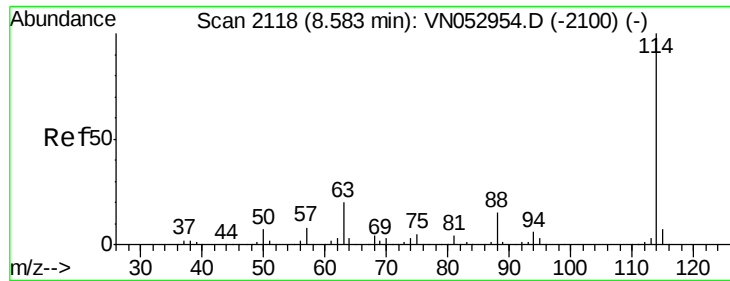
67 55.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

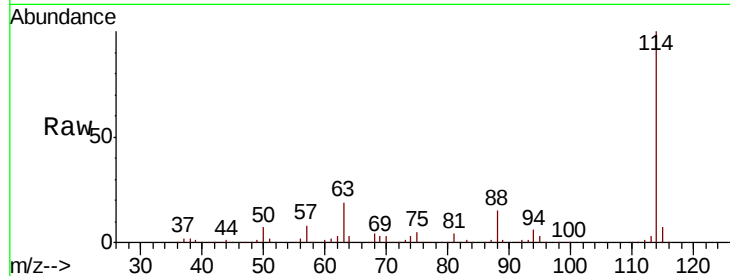




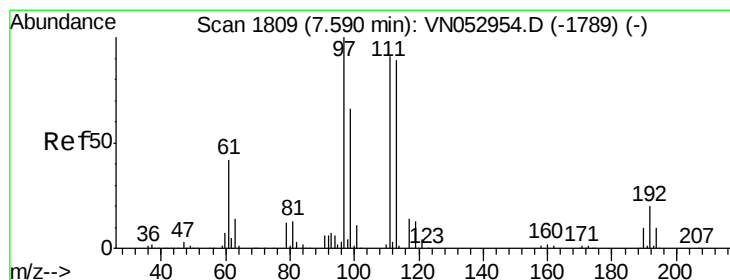
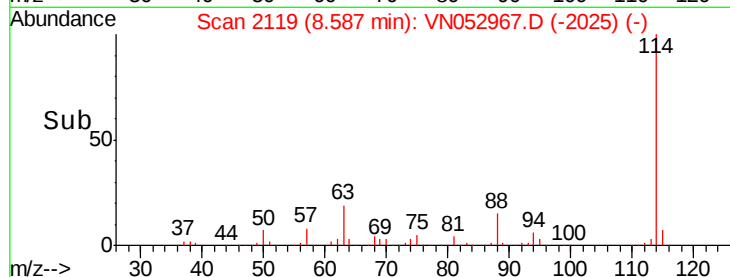
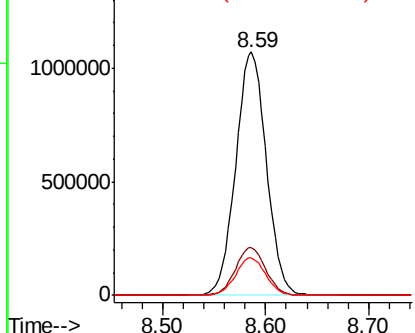
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

Instrument :
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 P001-SD013-0006-01MEDL

Tot Ion:114 Resp: 2214639
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 31.0

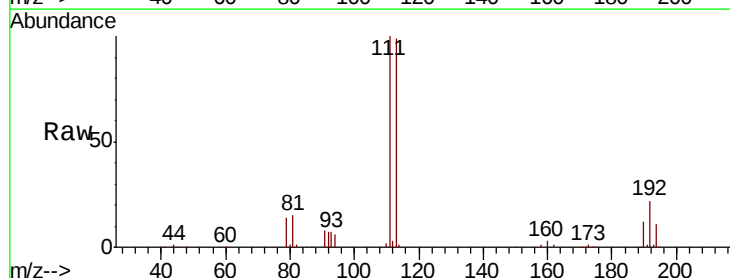


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

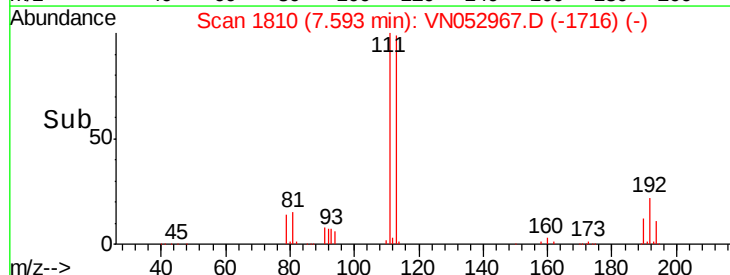
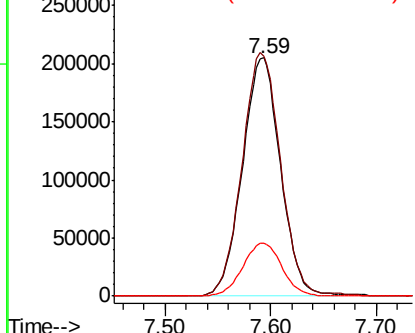


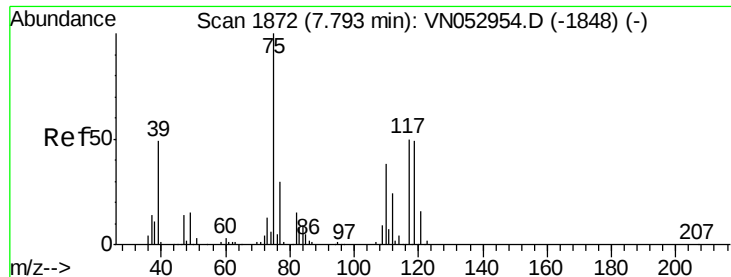
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

Tgt Ion:113 Resp: 515183
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.4
 192 22.8 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

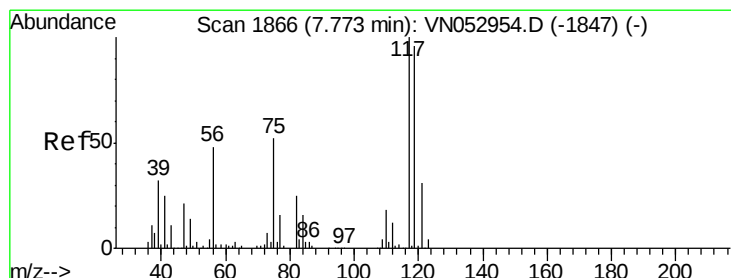
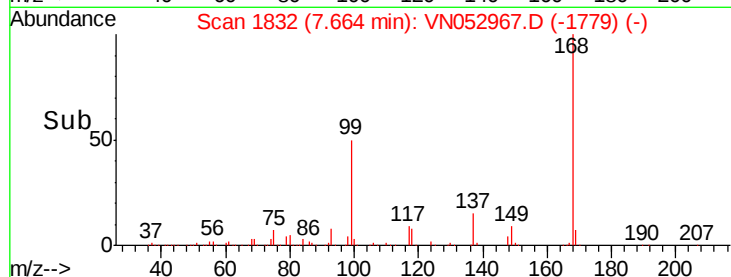
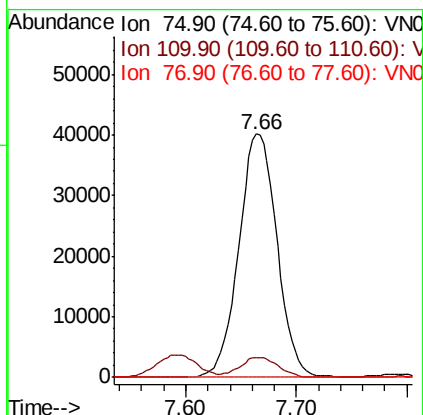
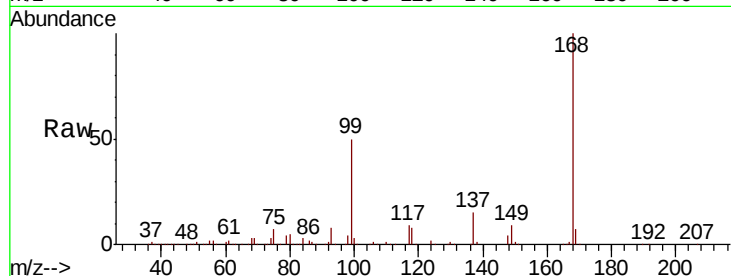




#36
 1,1-Dichloropropene
 Concen: 4.523 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

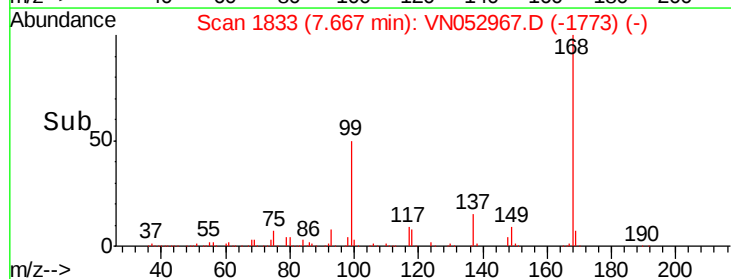
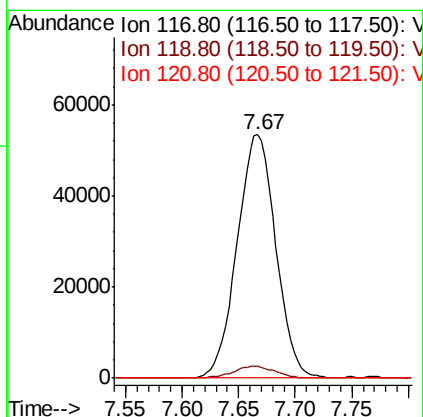
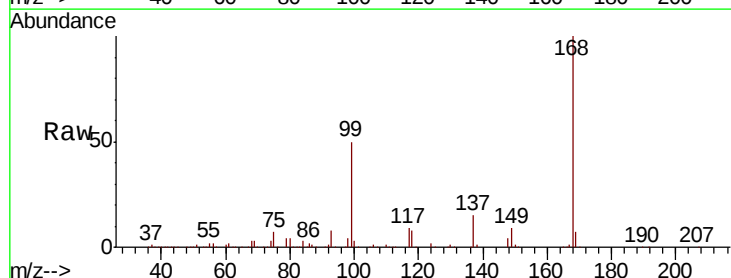
Instrument :
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 P001-SD013-0006-01MEDL

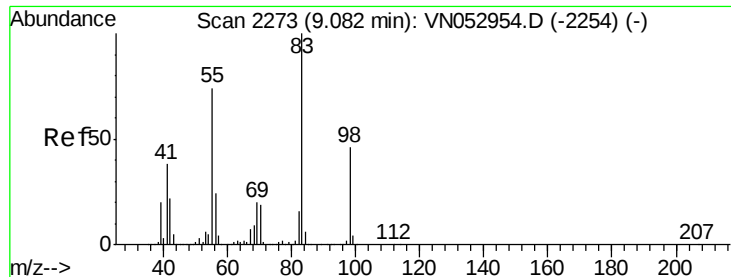
Tot Ion: 75 Resp: 96147
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.2 54.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.518 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

Tgt Ion: 117 Resp: 127002
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.1 115.7#
 121 0.0 24.9 37.3#

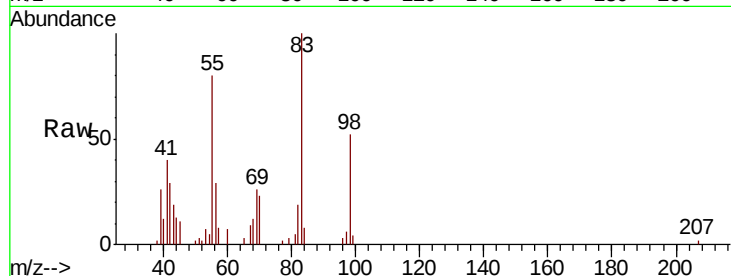




#39
Methylcyclohexane
Concen: 1.022 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052967.D
Acq: 18 Dec 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01MEDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	61.3	91.9
98	52.4	37.0	55.4

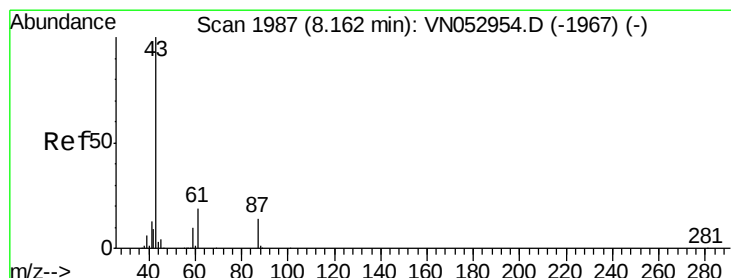
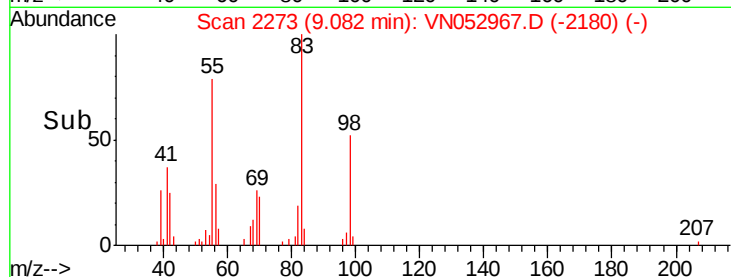
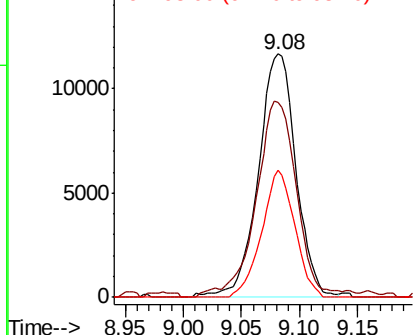


Abundance

Ion 83.00 (82.70 to 83.70): VN0

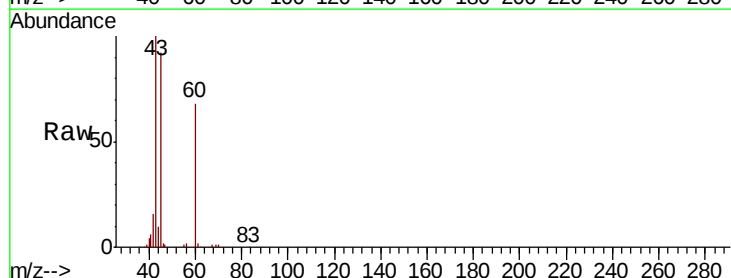
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#43
Isopropyl Acetate
Concen: 14.310 ug/l
RT: 8.33 min Scan# 2039
Delta R.T. 0.17 min
Lab File: VN052967.D
Acq: 18 Dec 2018 17:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.6	22.9	34.3#
87	0.0	10.6	15.8#

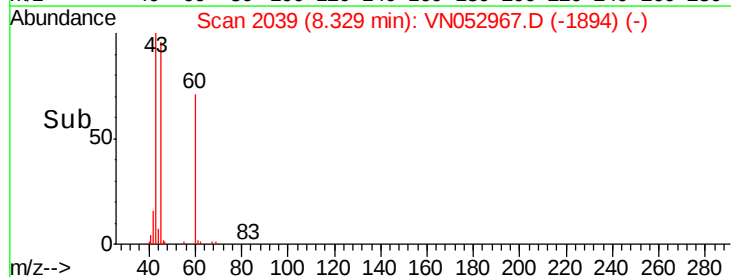
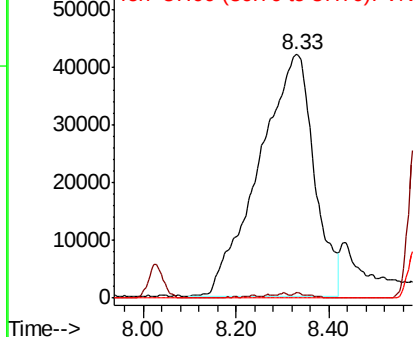


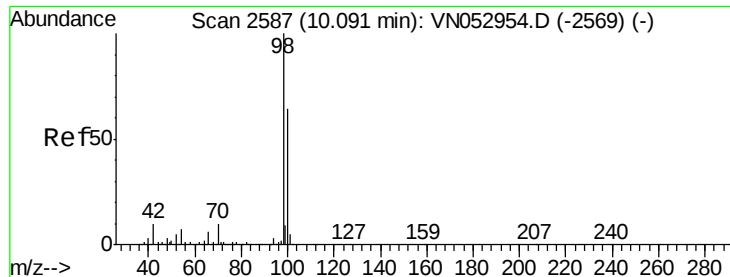
Abundance

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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

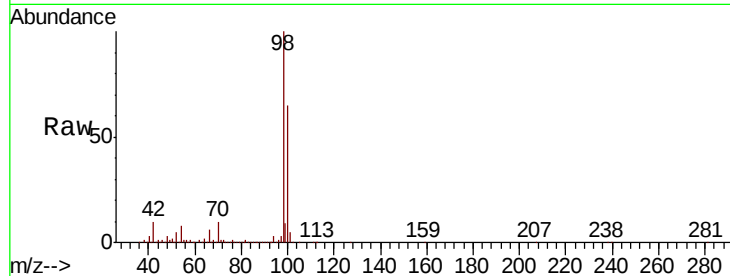
P001-SD013-0006-01MEDL

Tot Ion: 98 Resp: 2710415

Ion Ratio Lower Upper

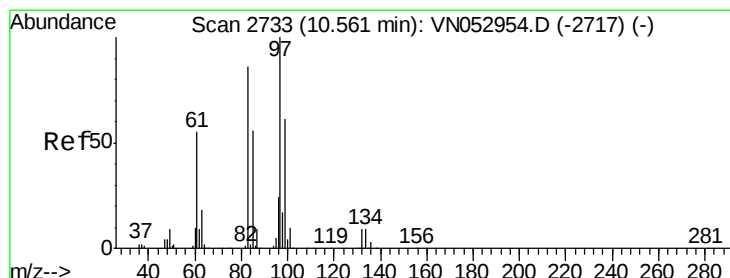
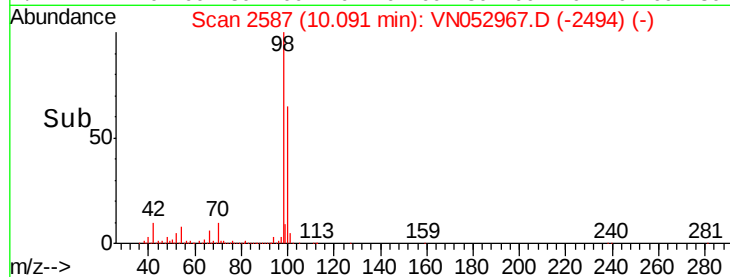
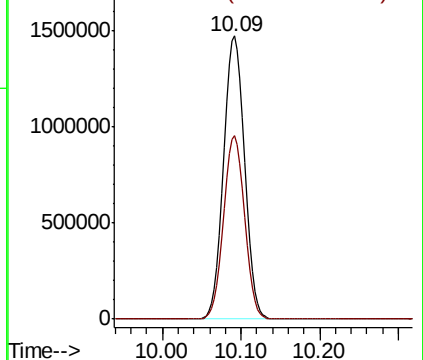
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#55

1,1,2-Trichloroethane

Concen: 0.245 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Tgt Ion: 97 Resp: 3356

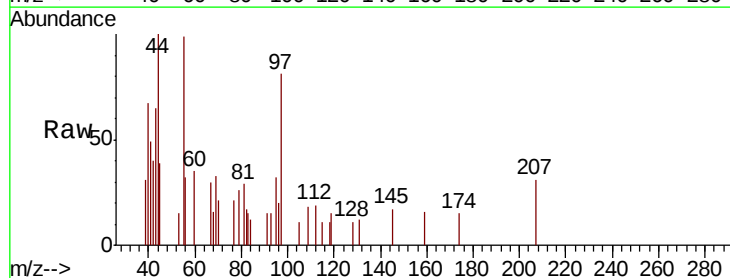
Ion Ratio Lower Upper

97 100

83 0.0 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#

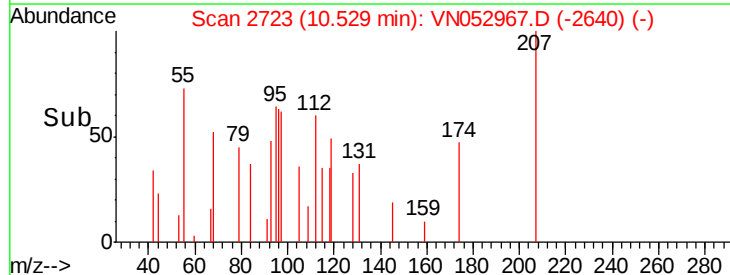
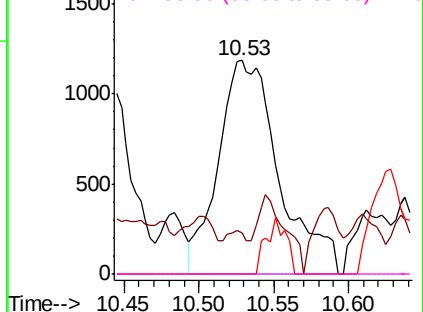


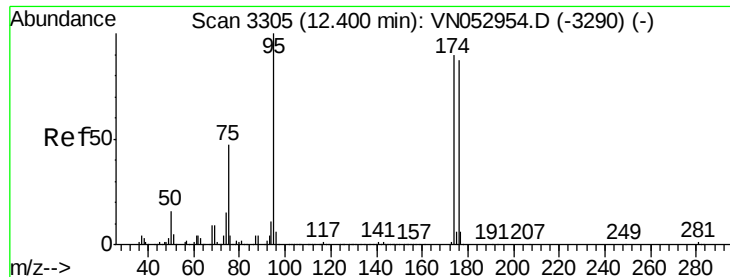
Abundance Ion 96.90 (96.60 to 97.60): VN0

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





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD013-0006-01MEDL

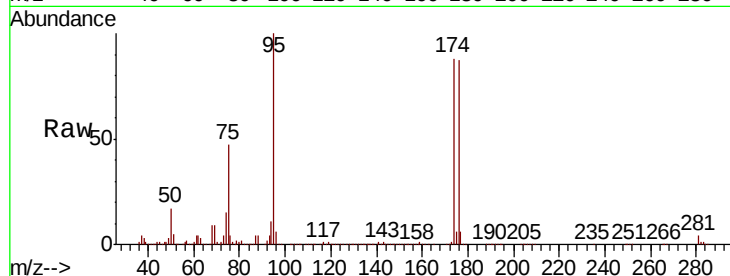
Tot Ion: 95 Resp: 916174

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.8

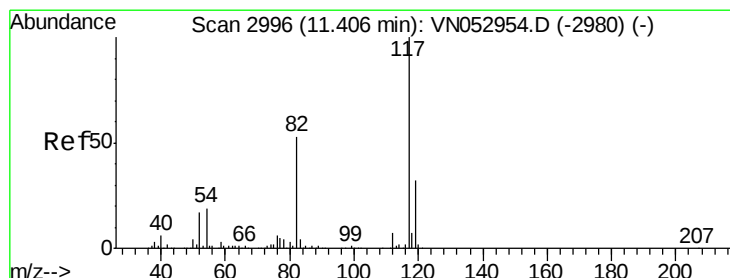
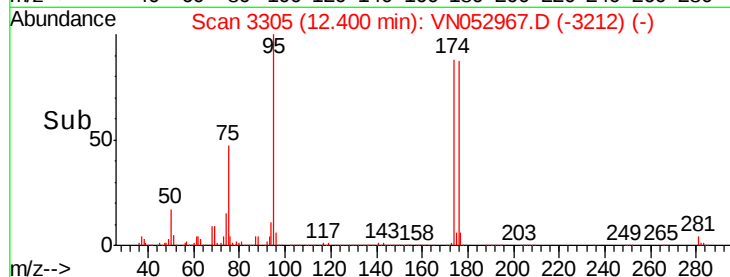
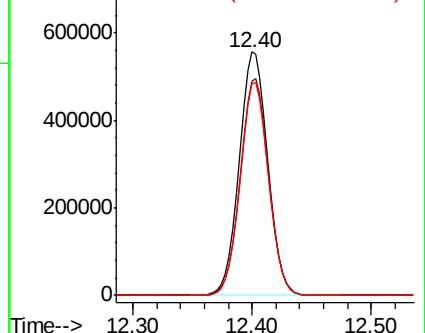
176 87.2 0.0 173.8



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# 2996

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

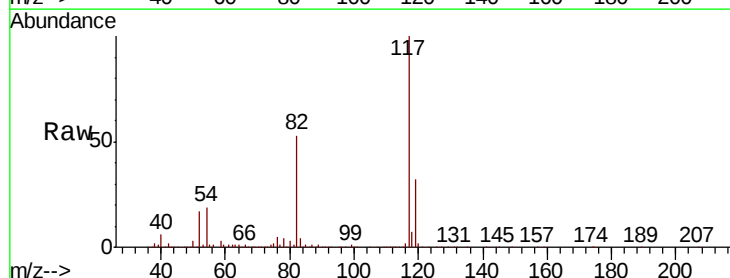
Tgt Ion: 117 Resp: 1991815

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

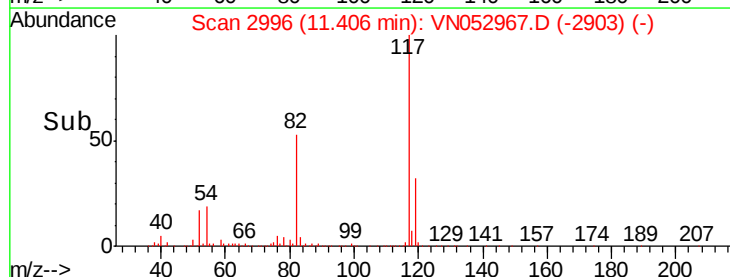
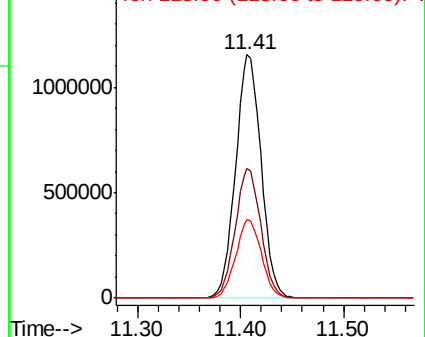
119 32.4 25.5 38.3

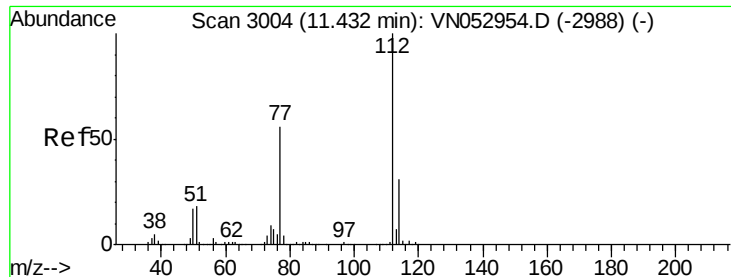


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

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

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

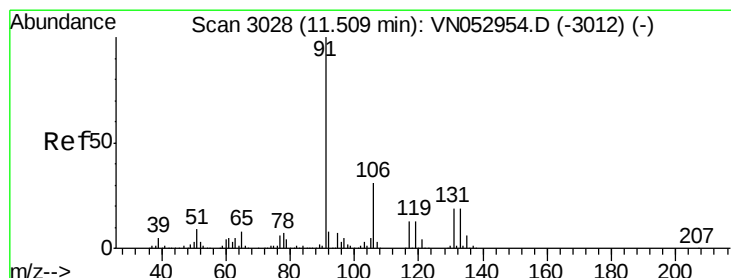
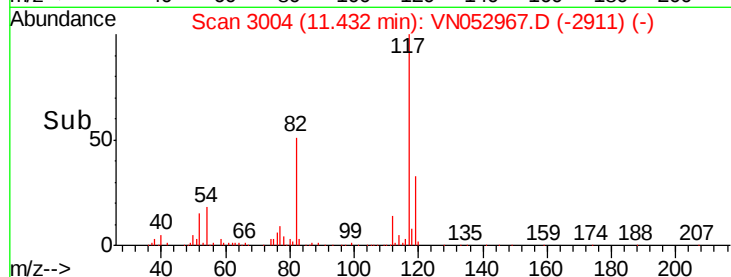
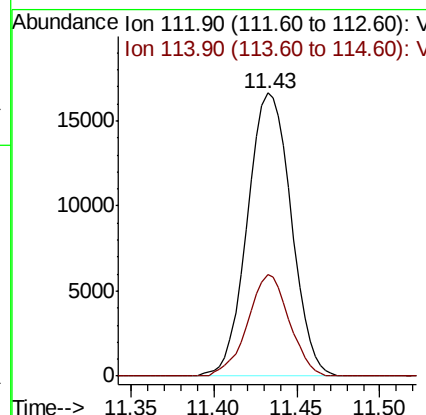
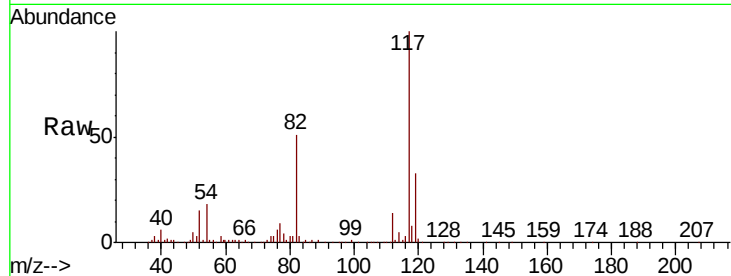




#65
Chlorobenzene
Concen: 0.691 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052967.D
Acq: 18 Dec 2018 17:58

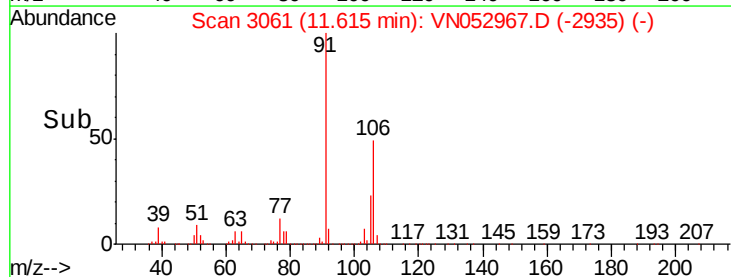
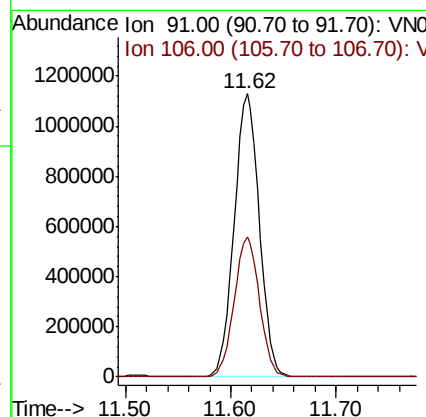
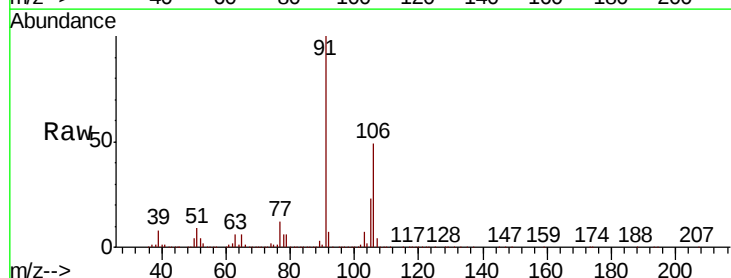
Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01MEDL

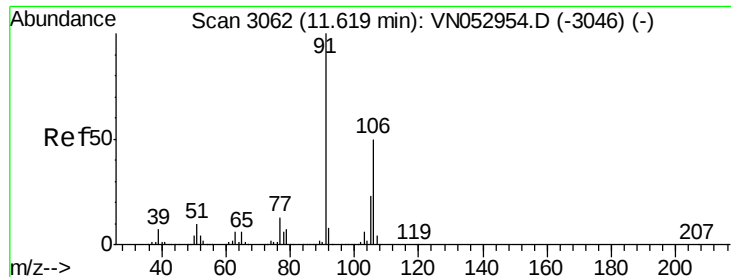
Tot Ion:112 Resp: 30529
Ion Ratio Lower Upper
112 100
114 35.7 25.5 38.3



#67
Ethyl Benzene
Concen: 24.425 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.11 min
Lab File: VN052967.D
Acq: 18 Dec 2018 17:58

Tgt Ion: 91 Resp: 1854595
Ion Ratio Lower Upper
91 100
106 49.4 24.9 37.3#





#68

m/p-Xvlenes

Concen: 31.776 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

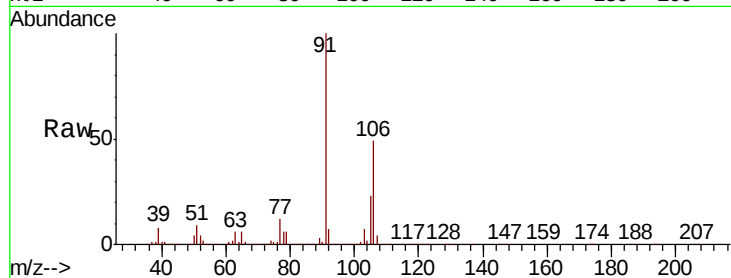
P001-SD013-0006-01MEDL

Tot Ion:106 Resp: 917238

Ion Ratio Lower Upper

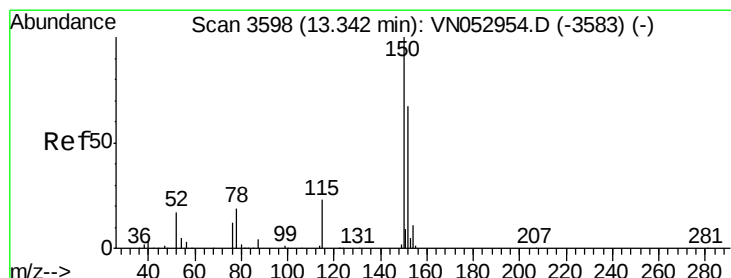
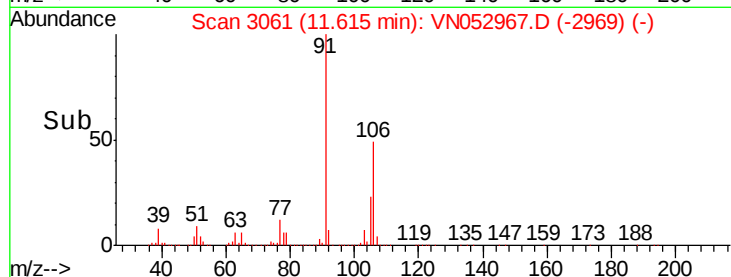
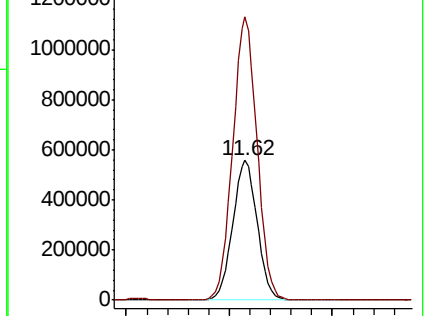
106 100

91 202.2 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

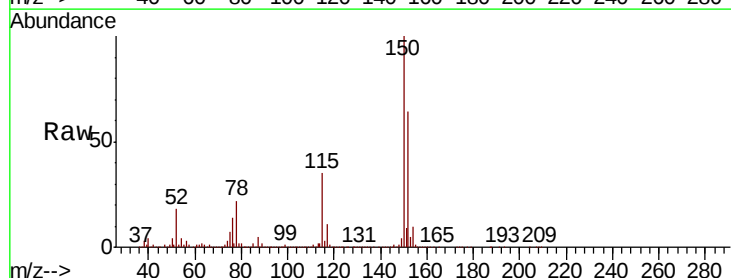
Tgt Ion:152 Resp: 816477

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

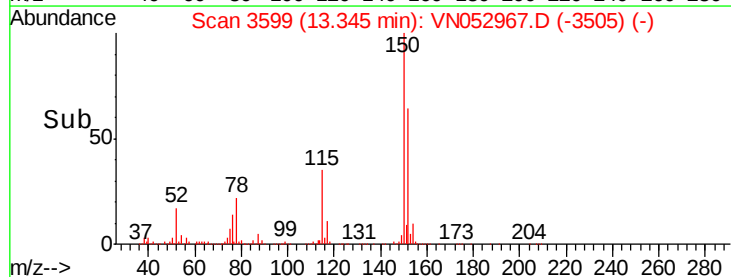
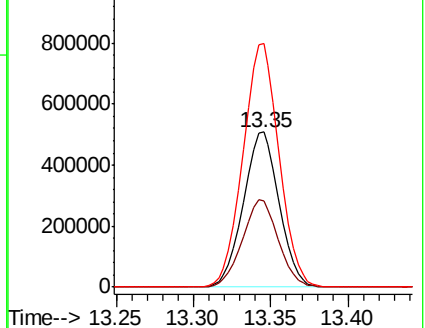
150 158.3 0.0 347.8

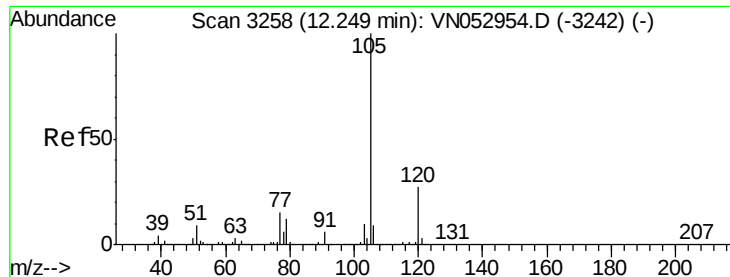


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.283 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

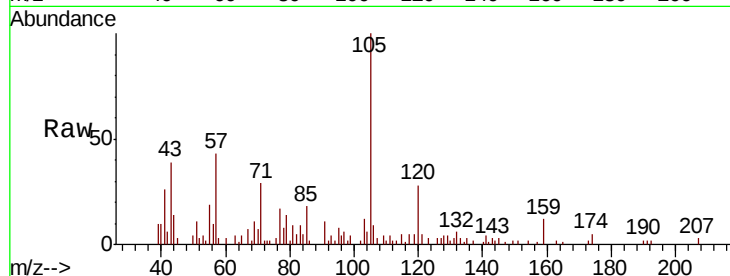
P001-SD013-0006-01MEDL

Tot Ion:105 Resp: 18074

Ion Ratio Lower Upper

105 100

120 28.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

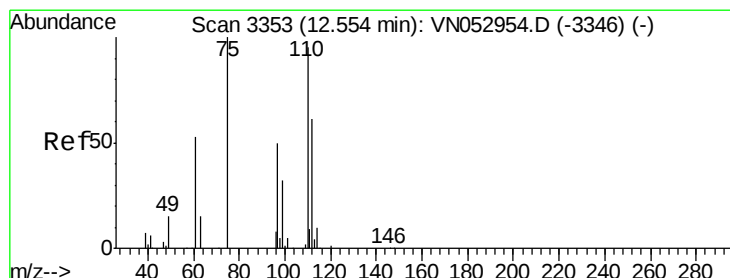
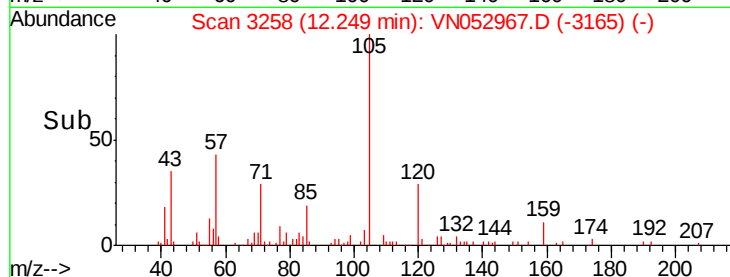
10000

5000

0

Time-->

12.20 12.25 12.30



#76

1,2,3-Trichloropropane

Concen: 31.080 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052967.D

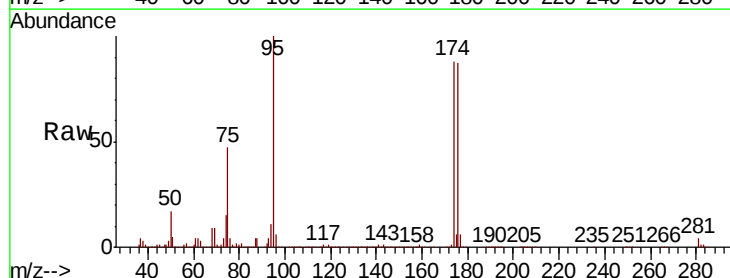
Acq: 18 Dec 2018 17:58

Tgt Ion: 75 Resp: 427176

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

300000

250000

200000

150000

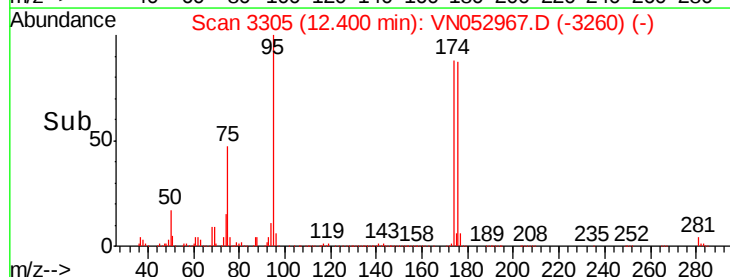
100000

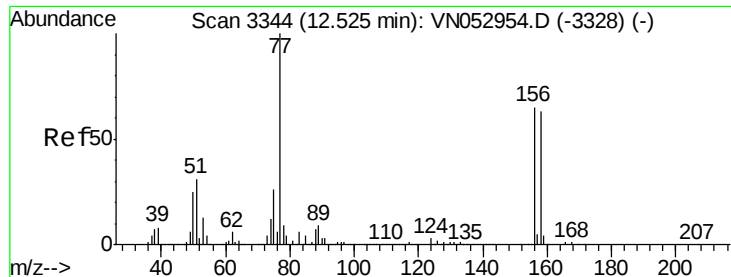
50000

0

Time-->

12.30 12.40 12.50





#77

Bromobenzene

Concen: 0.250 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.02 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD013-0006-01MEDL

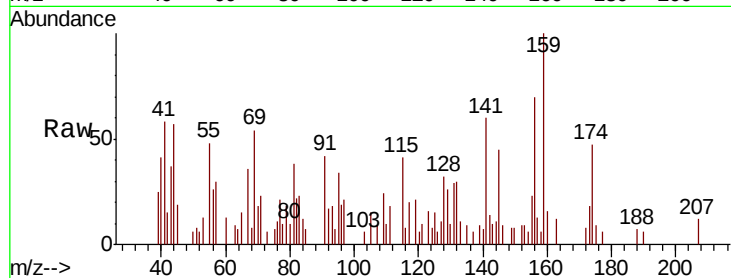
Tot Ion:156 Resp: 4145

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

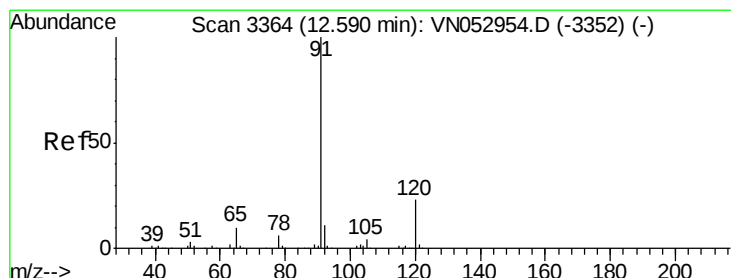
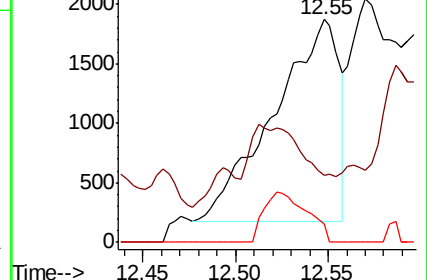
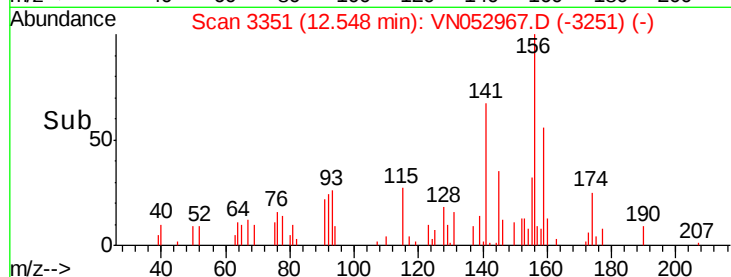
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.413 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052967.D

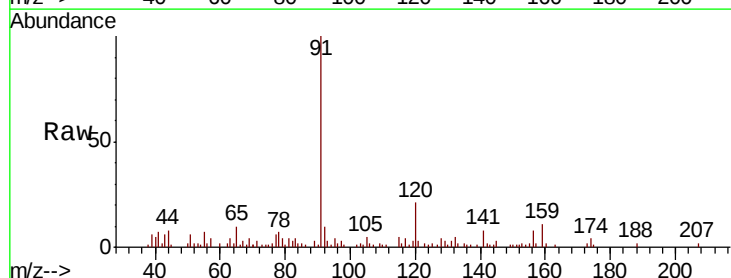
Acq: 18 Dec 2018 17:58

Tgt Ion: 91 Resp: 30079

Ion Ratio Lower Upper

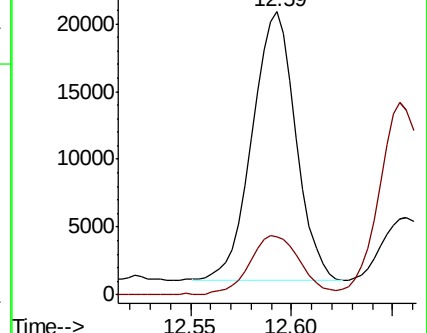
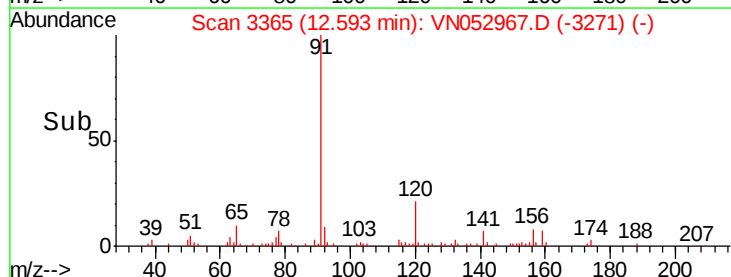
91 100

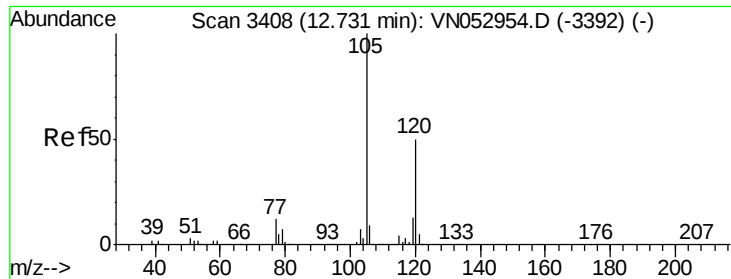
120 25.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

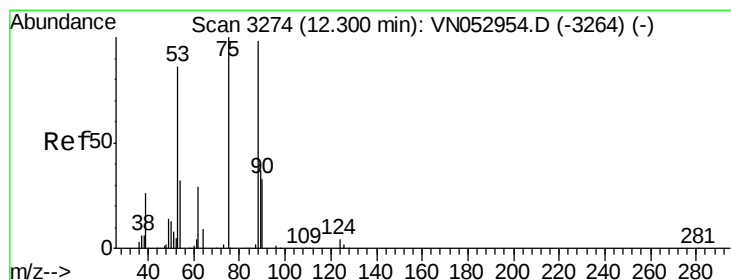
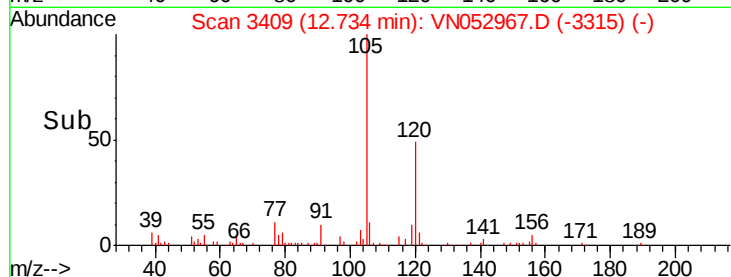
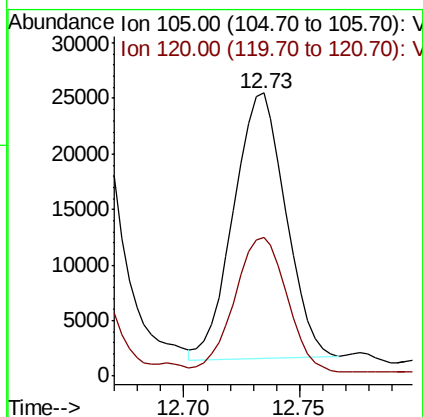
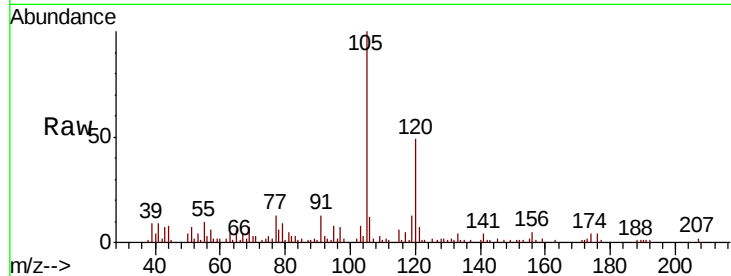




#80
 1,3,5-Trimethylbenzene
 Concen: 0.719 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

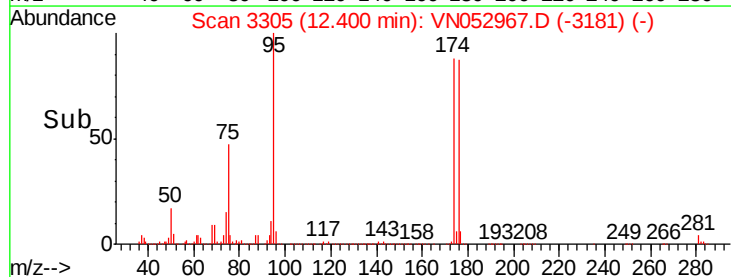
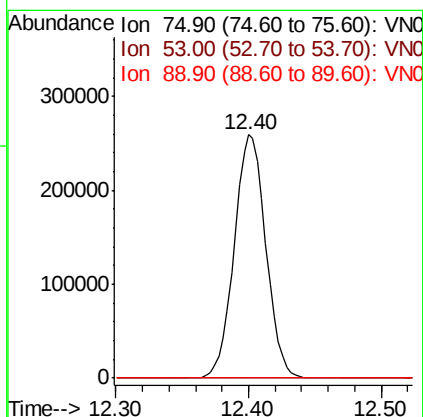
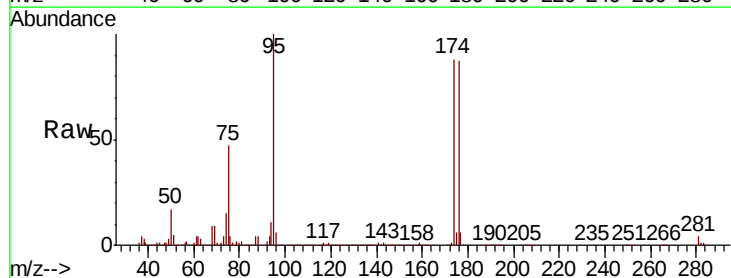
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD013-0006-01MEDL

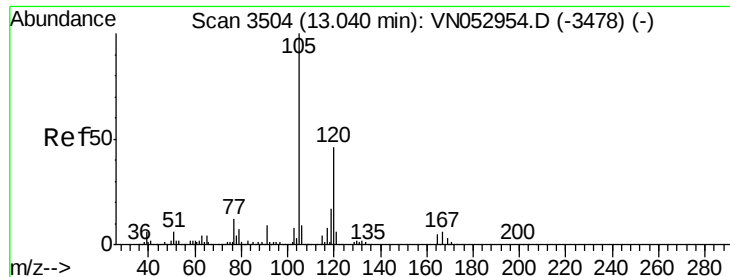
Tot Ion:105 Resp: 37453
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.173 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

Tgt Ion: 75 Resp: 427176
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 2.015 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

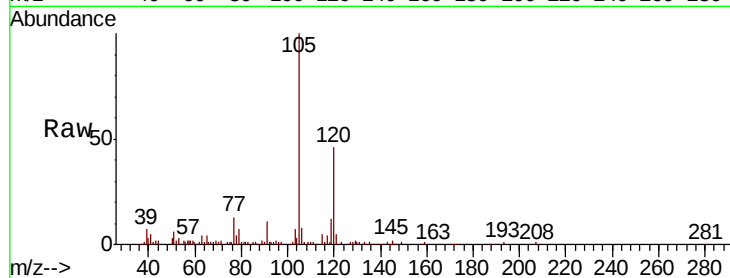
P001-SD013-0006-01MEDL

Tot Ion:105 Resp: 105461

Ion Ratio Lower Upper

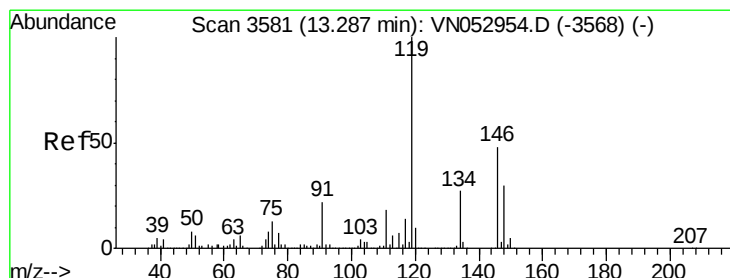
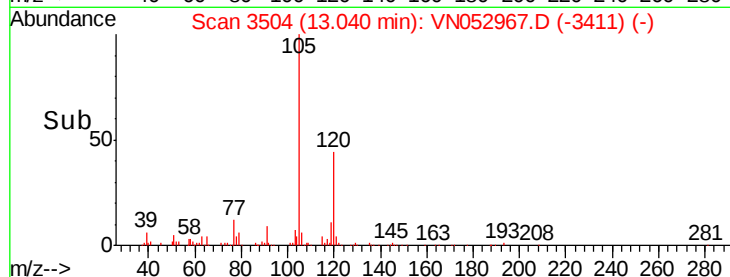
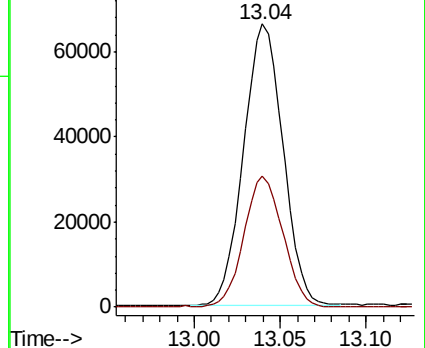
105 100

120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.446 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

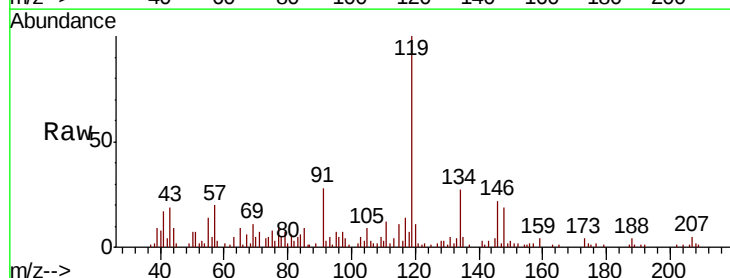
Tgt Ion:119 Resp: 24024

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

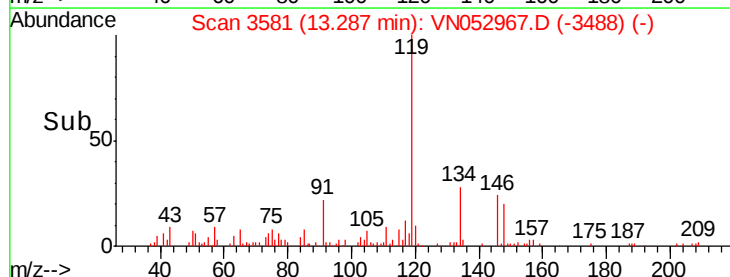
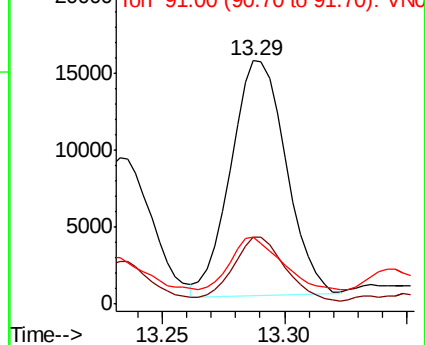
91 21.7 11.1 33.3

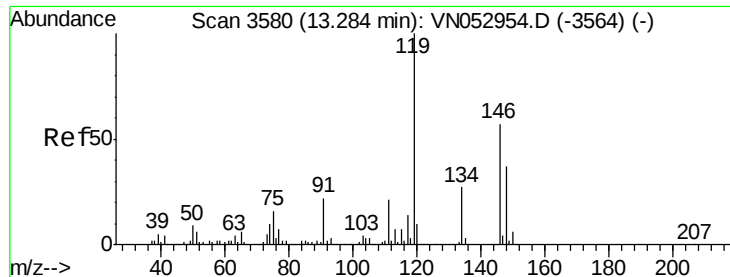


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.244 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

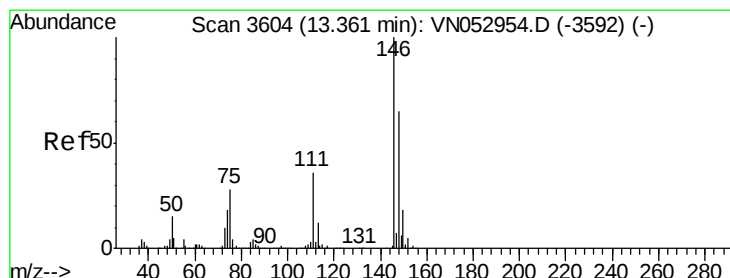
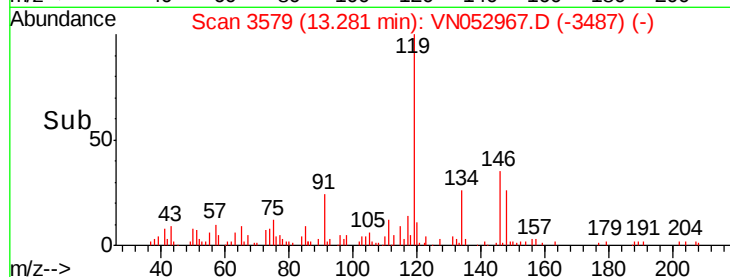
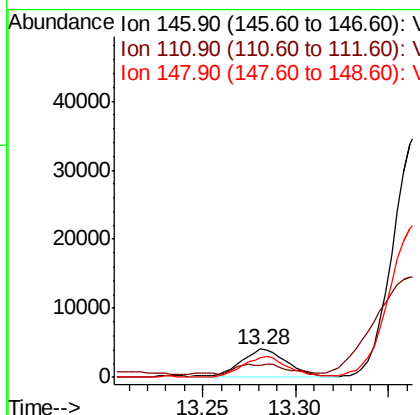
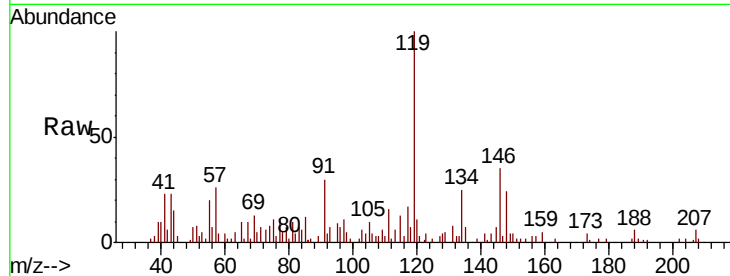
Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01MEDL

Tot Ion:146 Resp: 7176

Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.1	57.1
148	70.7	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 1.929 ug/l

RT: 13.36 min Scan# 3605

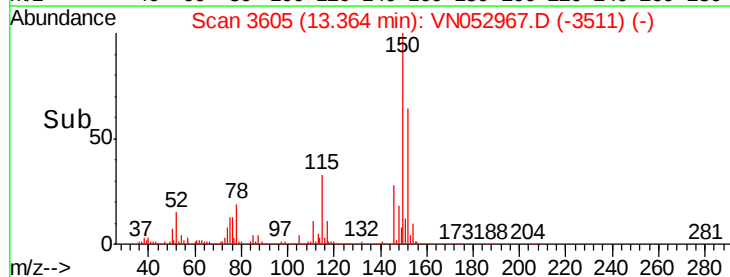
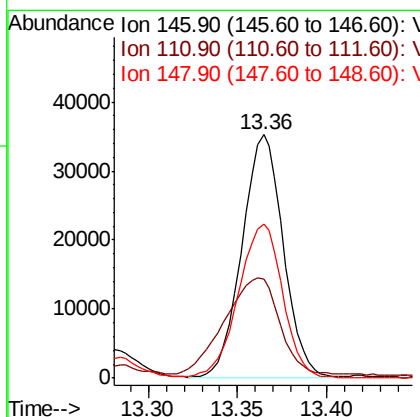
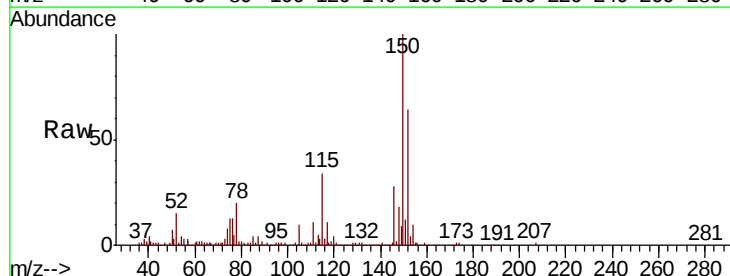
Delta R.T. 0.00 min

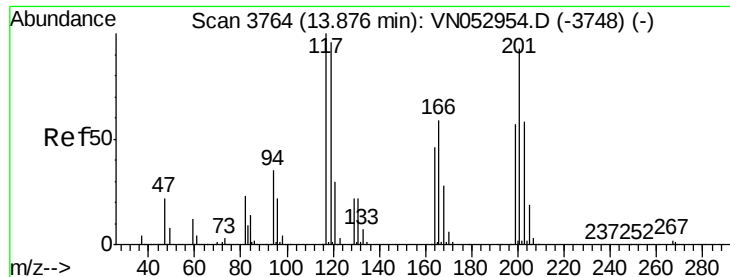
Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Tgt Ion:146 Resp: 57424

Ion	Ratio	Lower	Upper
146	100		
111	53.0	18.6	55.8
148	67.5	32.1	96.5





#90

Hexachloroethane

Concen: 0.257 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

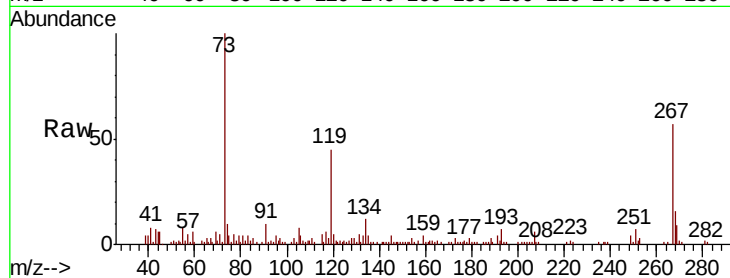
P001-SD013-0006-01MEDL

Tot Ion:117 Resp: 2119

Ion Ratio Lower Upper

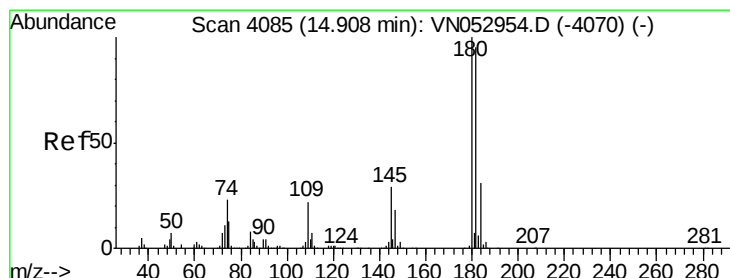
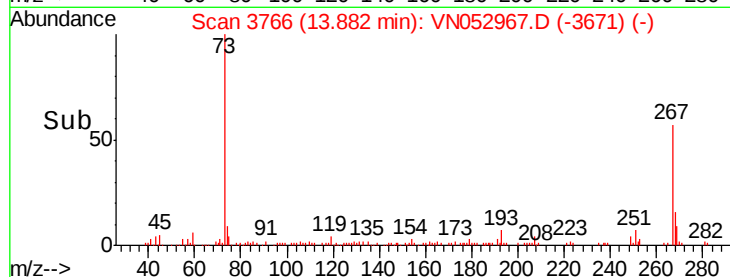
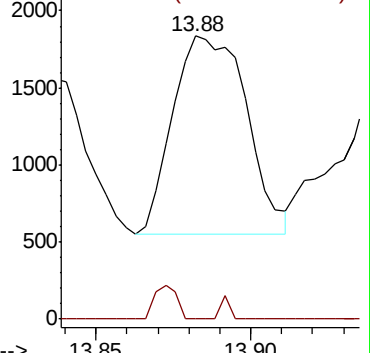
117 100

201 1.4 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.697 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

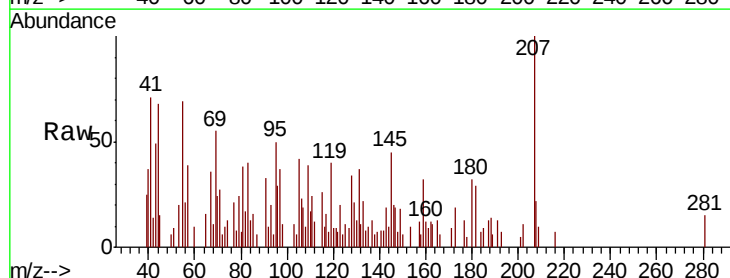
Tgt Ion:180 Resp: 1497

Ion Ratio Lower Upper

180 100

182 114.6 47.8 143.3

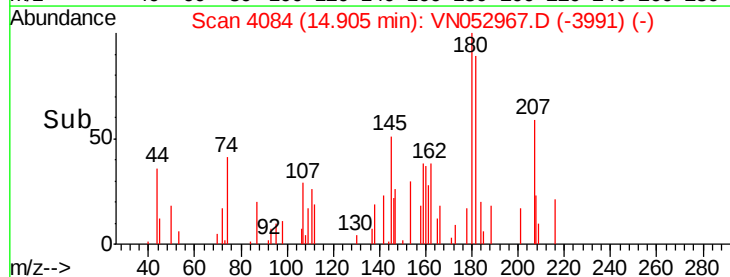
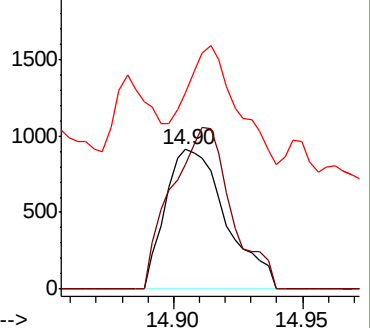
145 69.1 14.2 42.6#

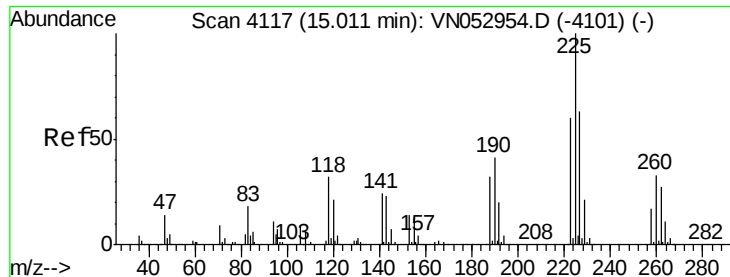


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SD013-0006-01MEDL

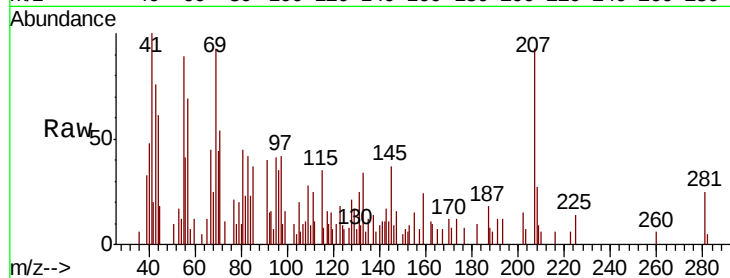
Tot Ion:225 Resp: 374

Ion Ratio Lower Upper

225 100

223 18.2 31.5 94.5#

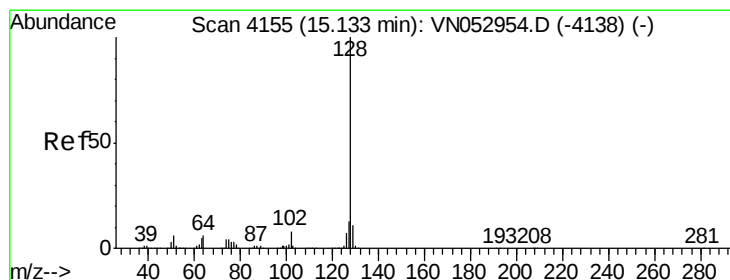
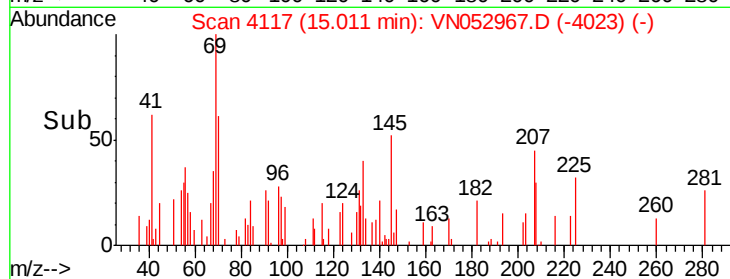
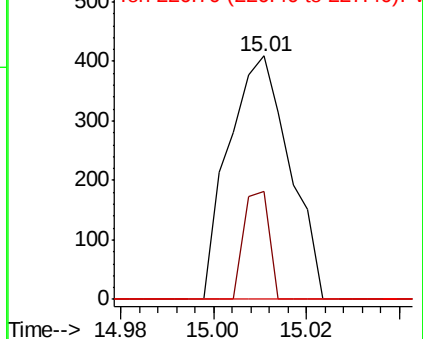
227 0.0 31.9 95.7#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.654 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052967.D

Acq: 18 Dec 2018 17:58

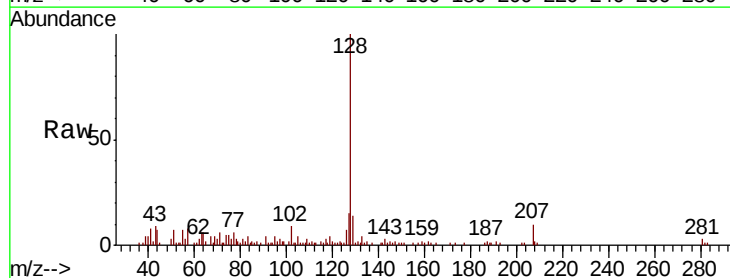
Tgt Ion:128 Resp: 49528

Ion Ratio Lower Upper

128 100

127 16.1 10.2 15.4#

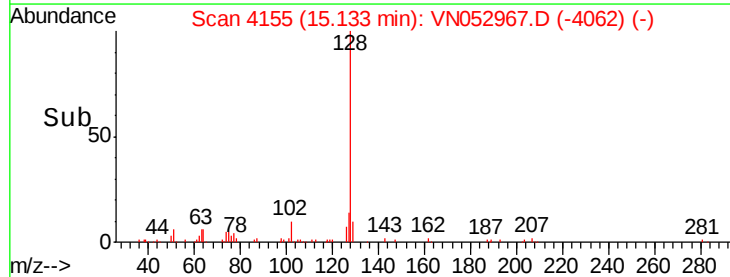
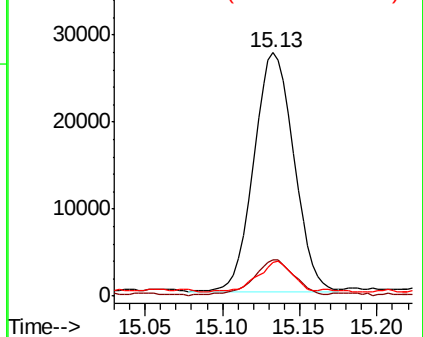
129 11.8 8.6 13.0

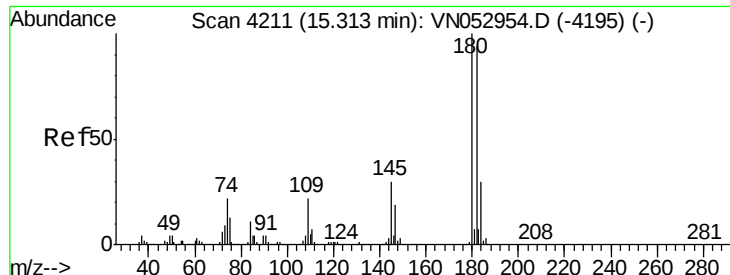


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.627 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN052967.D
 Acq: 18 Dec 2018 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD013-0006-01MEDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.1	47.9	143.7
145	53.7	15.0	45.0

