

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052965.D
 Acq On : 18 Dec 2018 17:04
 Operator : MD\SY
 Sample : J6347-20ME
 Misc : 3.28g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD001-0006-01ME

Quant Time: Dec 19 09:54:43 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	7.66	168	1213056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1838218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	690399	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	576455	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
35) Dibromofluoromethane	7.59	113	409609	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	10.09	98	2243369	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	732540	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	

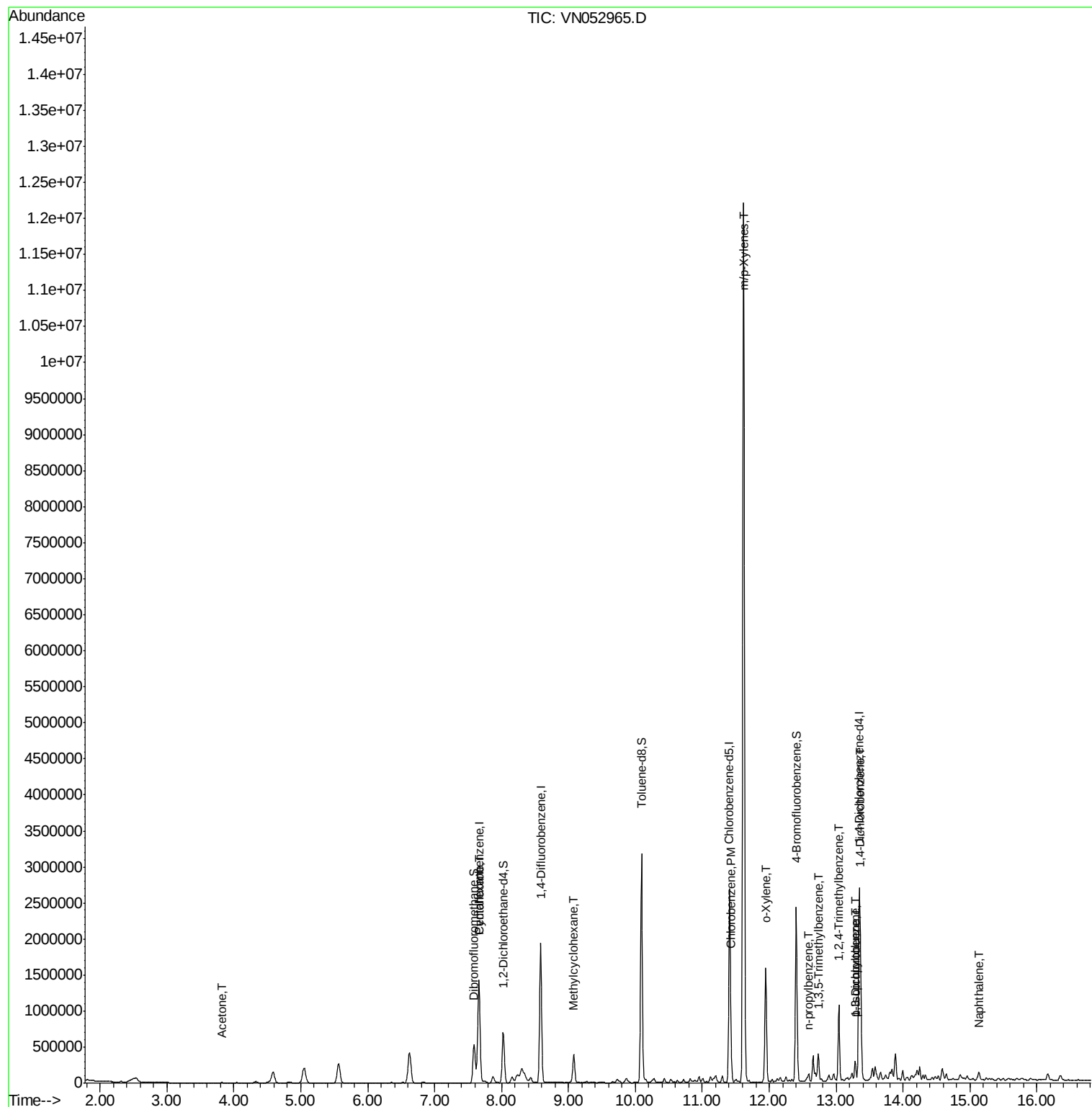
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	7698	3.189	ug/l	99
31) Cyclohexane	7.65	56	79358	2.731	ug/l #	62
39) Methylcyclohexane	9.08	83	178410	8.324	ug/l	96
65) Chlorobenzene	11.43	112	132131	3.639	ug/l	98
68) m/p-Xylenes	11.62	106	3807705	160.403	ug/l	100
69) o-Xylene	11.95	106	452821	19.879	ug/l	100
78) n-propylbenzene	12.59	91	92397	1.502	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	176152	4.001	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	602829	13.620	ug/l	100
86) p-Isopropyltoluene	13.29	119	56869	1.250	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	71866	2.892	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	541869	21.531	ug/l	99
95) Naphthalene	15.13	128	92861	4.489	ug/l	98

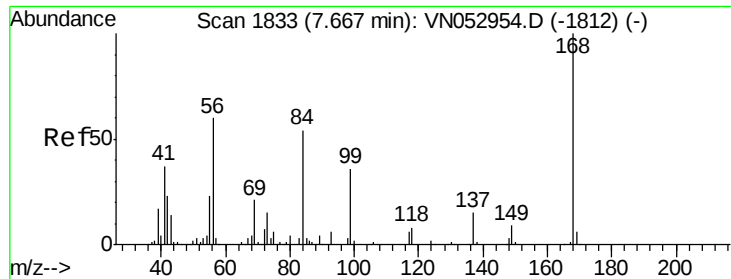
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

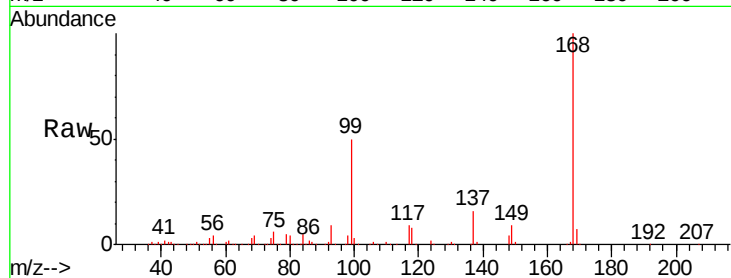
P001-SD001-0006-01ME

Tgt Ion:168 Resp: 1213056

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052965.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052965.D (-1740) (-)

7.66

500000

400000

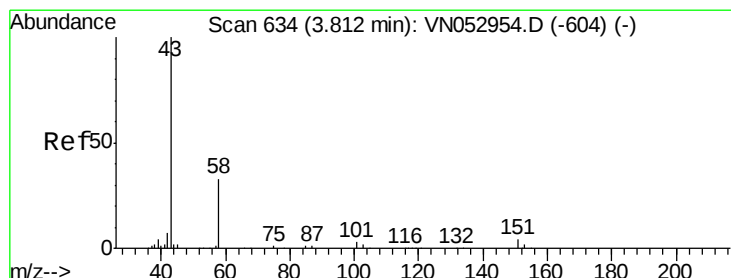
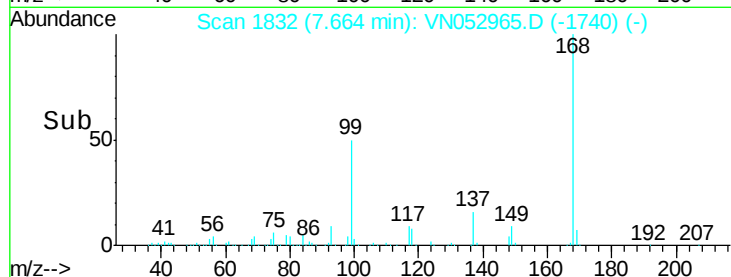
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.189 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052965.D

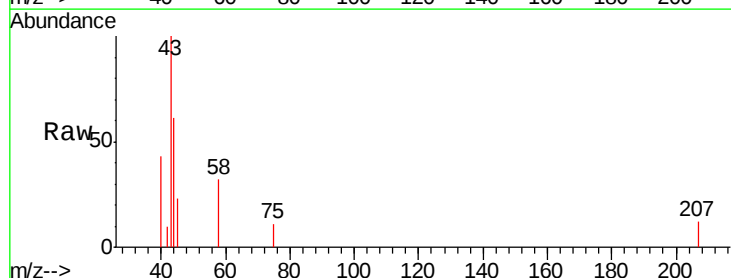
Acq: 18 Dec 2018 17:04

Tgt Ion: 43 Resp: 7698

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052965.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN052965.D (-541) (-)

3.82

3000

2500

2000

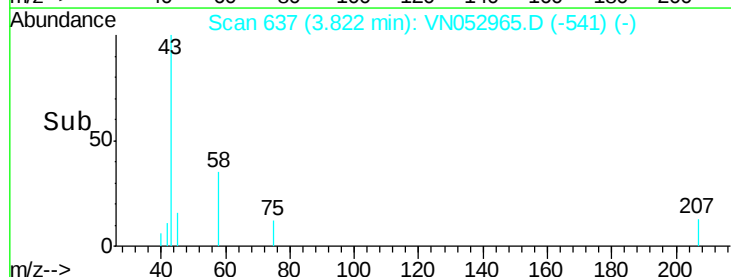
1500

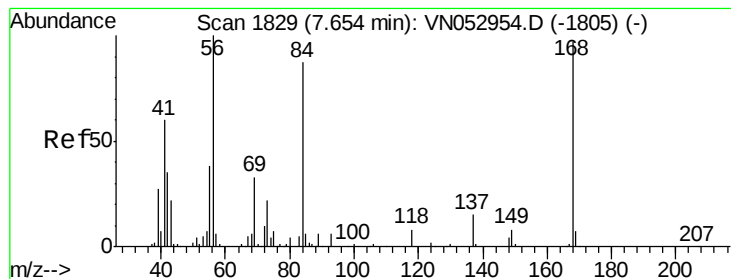
1000

500

0

Time-->





#31

Cyclohexane

Concen: 2.731 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

P001-SD001-0006-01ME

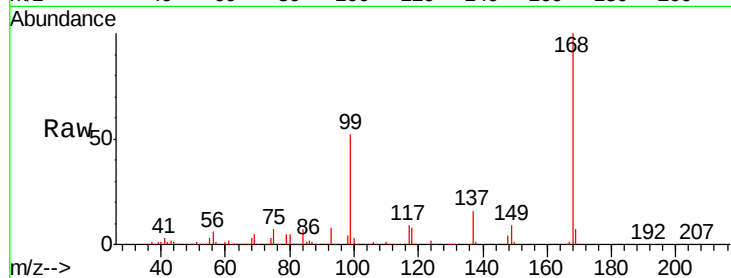
Tgt Ion: 56 Resp: 79358

Ion Ratio Lower Upper

56 100

69 72.0 26.6 39.8#

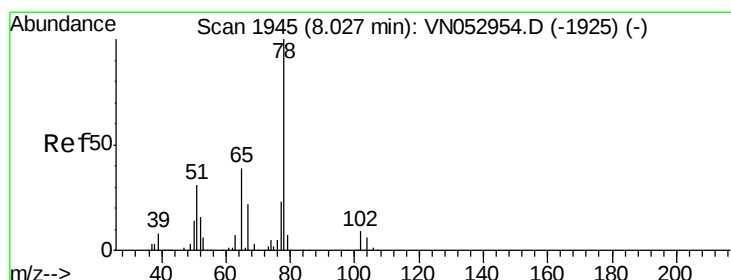
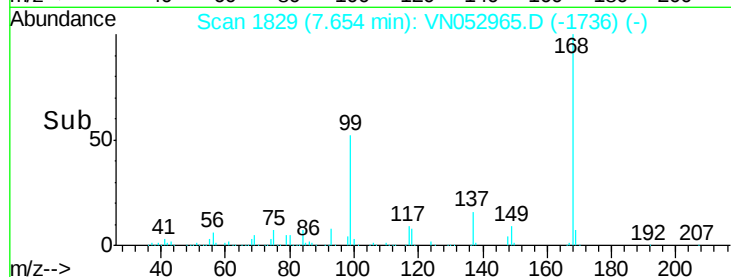
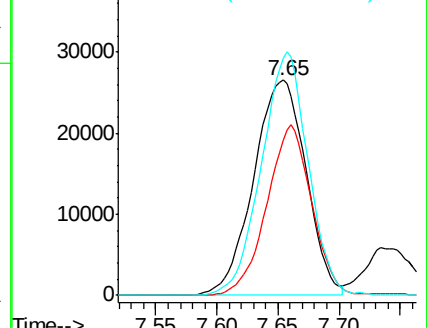
84 110.0 68.4 102.6#



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: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052965.D

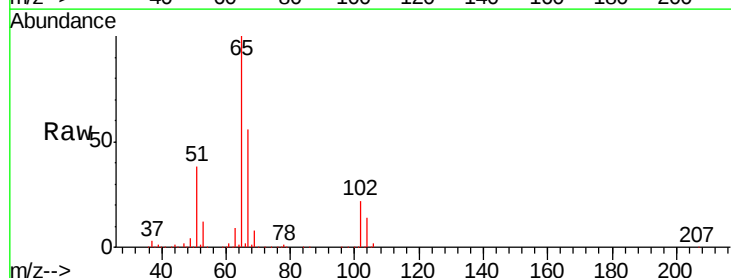
Acq: 18 Dec 2018 17:04

Tgt Ion: 65 Resp: 576455

Ion Ratio Lower Upper

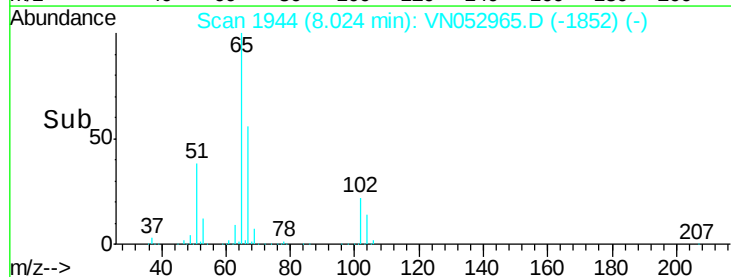
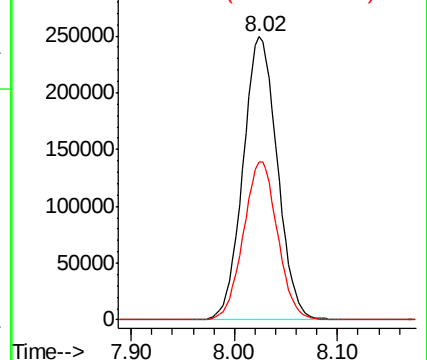
65 100

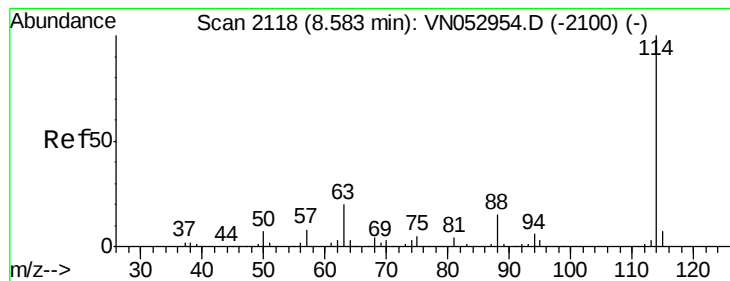
67 55.5 0.0 110.4



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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

P001-SD001-0006-01ME

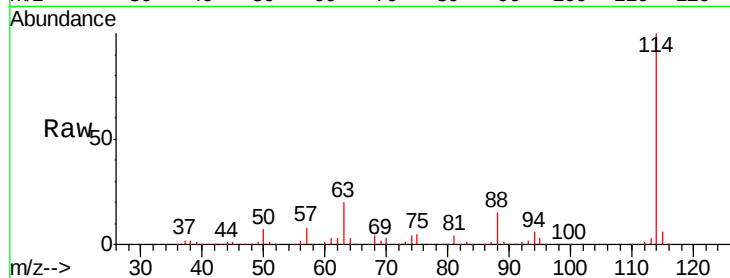
Tgt Ion:114 Resp: 1838218

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

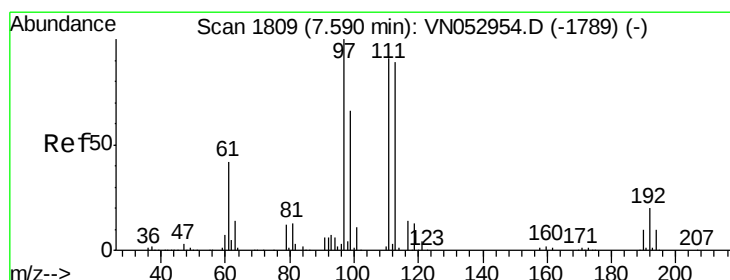
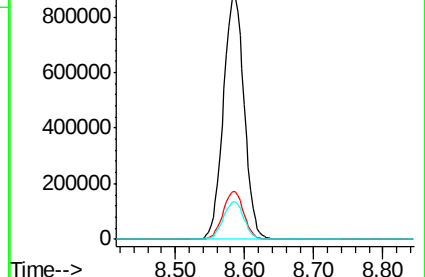
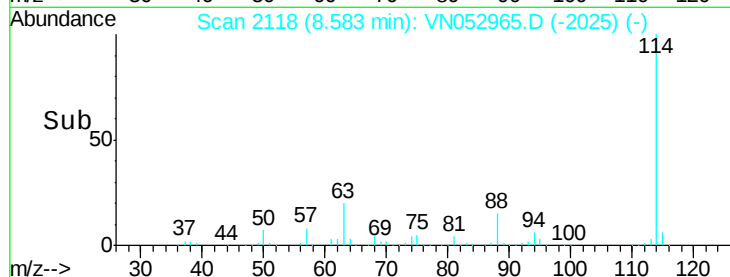
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

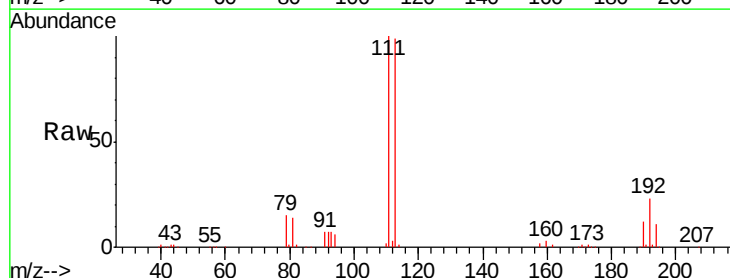
Tgt Ion:113 Resp: 409609

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

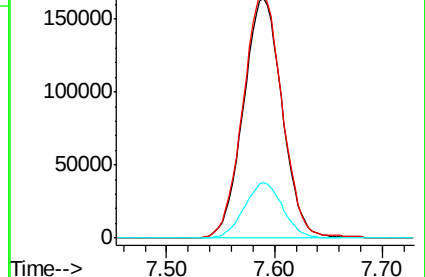
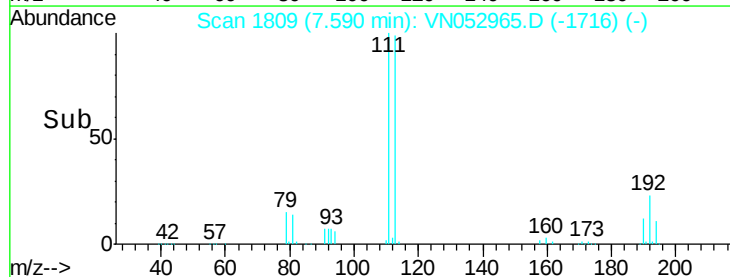
192 22.8 17.5 26.3

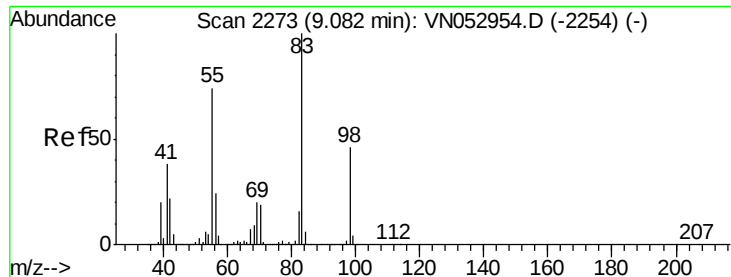


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

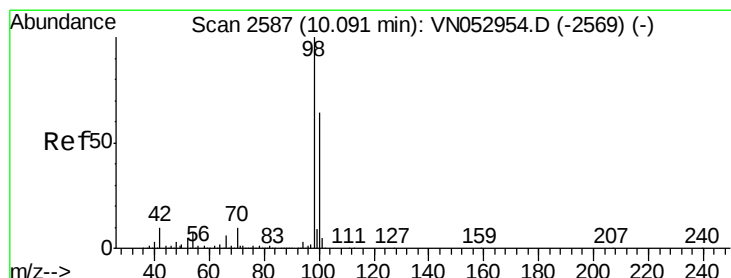
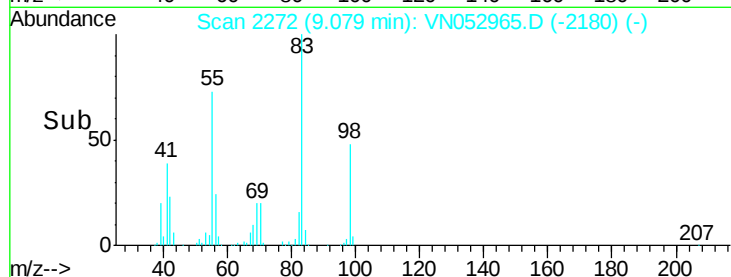
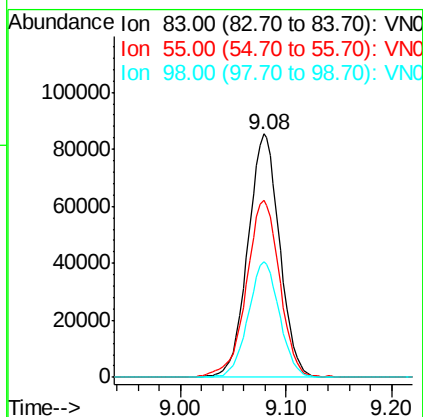
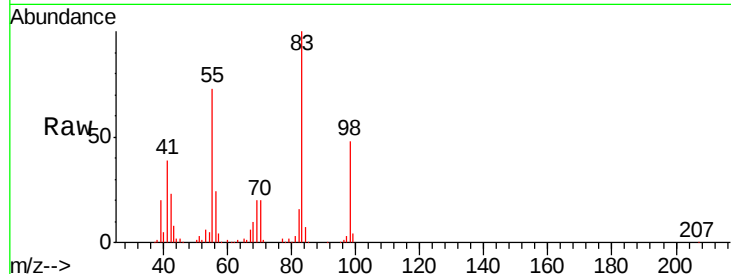




#39
Methylcyclohexane
Concen: 8.324 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

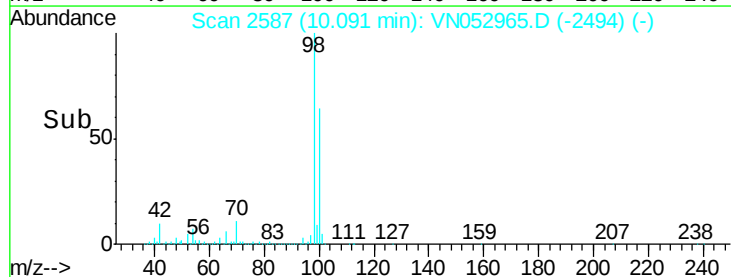
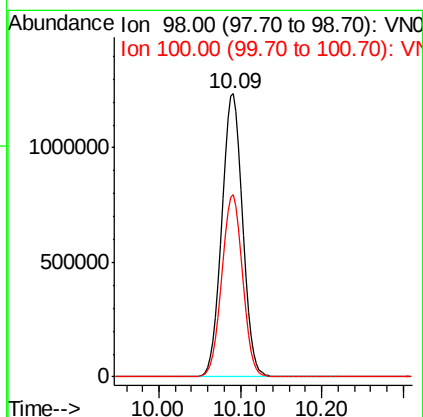
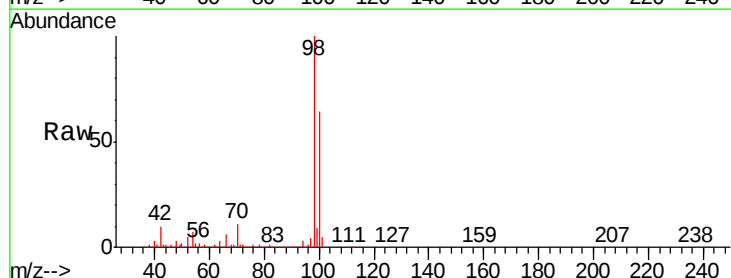
Instrument :
MSVOA_N
ClientSampleId :
P001-SD001-0006-01ME

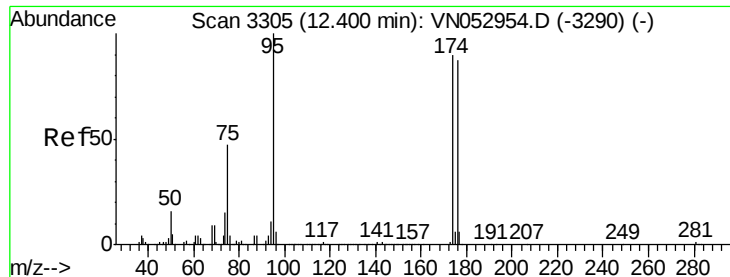
Tgt Ion: 83 Resp: 178410
Ion Ratio Lower Upper
83 100
55 72.6 61.3 91.9
98 47.7 37.0 55.4



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

Tgt Ion: 98 Resp: 2243369
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

P001-SD001-0006-01ME

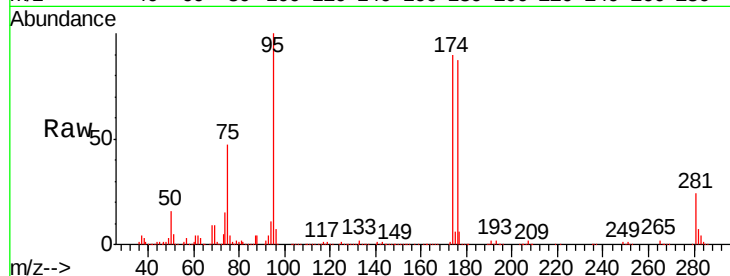
Tgt Ion: 95 Resp: 732540

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

176 87.2 0.0 173.8

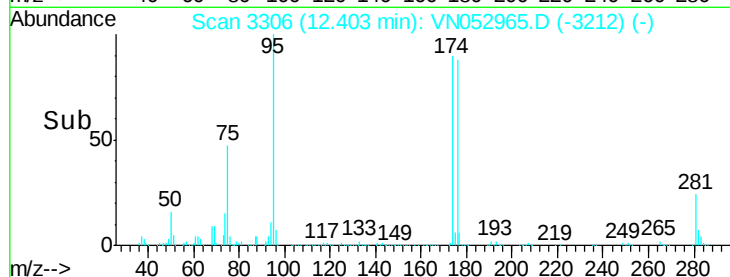


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

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

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

Time-->

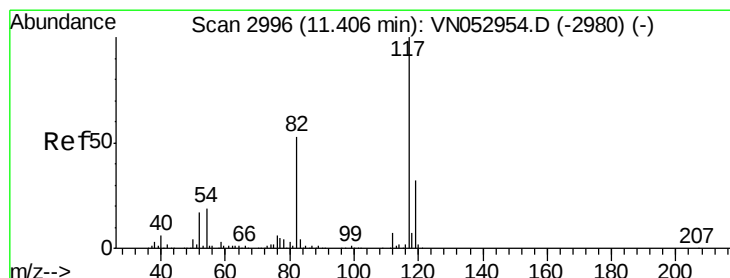


Abundance Ion 94.90 (94.60 to 95.60): VN052965.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052965.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052965.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

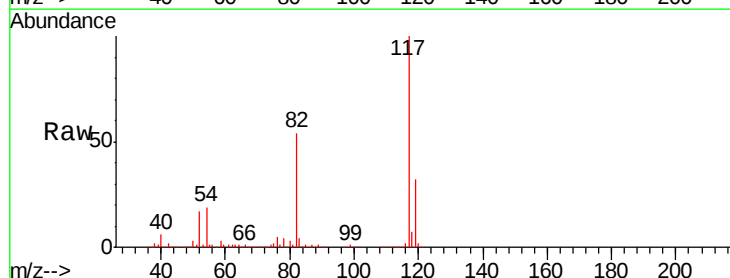
Tgt Ion: 117 Resp: 1638004

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

119 31.9 25.5 38.3

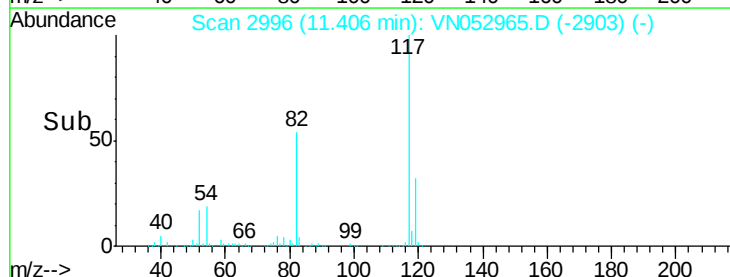


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

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

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

Time-->

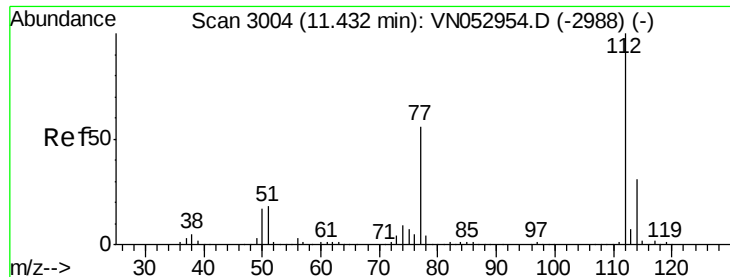


Abundance Ion 116.90 (116.60 to 117.60): VN052965.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052965.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052965.D (-2903) (-)

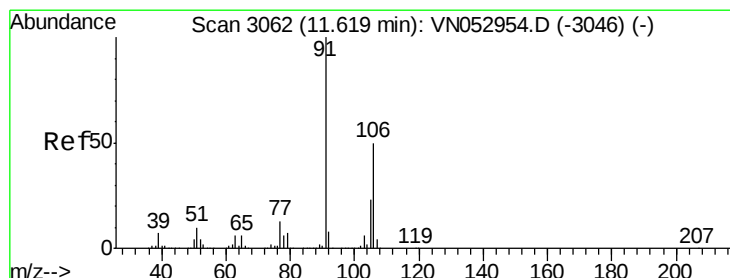
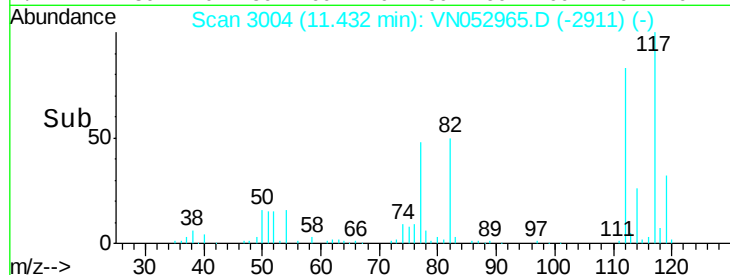
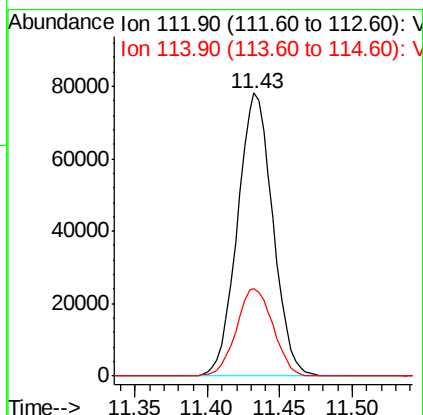
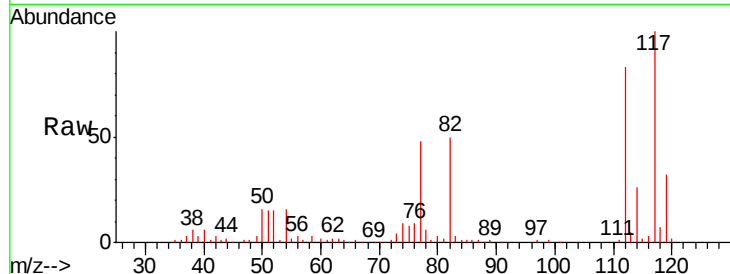
Time-->



#65
Chlorobenzene
Concen: 3.639 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

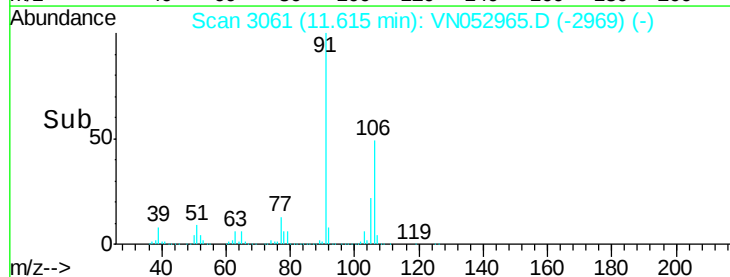
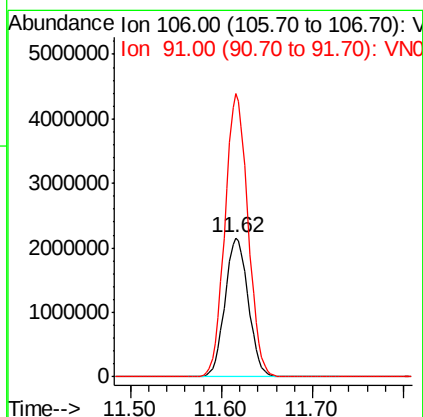
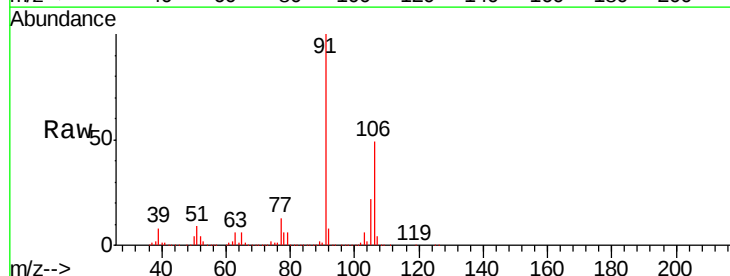
Instrument :
MSVOA_N
ClientSampleId :
P001-SD001-0006-01ME

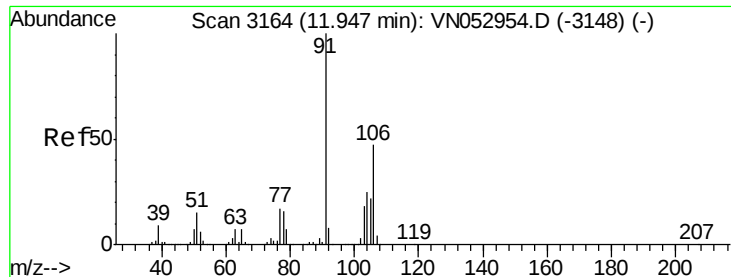
Tgt Ion:112 Resp: 132131
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 160.403 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

Tgt Ion:106 Resp: 3807705
Ion Ratio Lower Upper
106 100
91 202.5 162.2 243.4

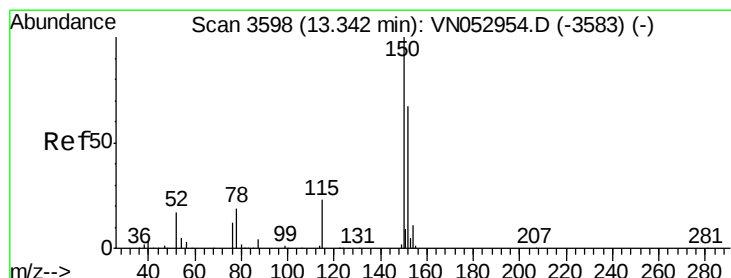
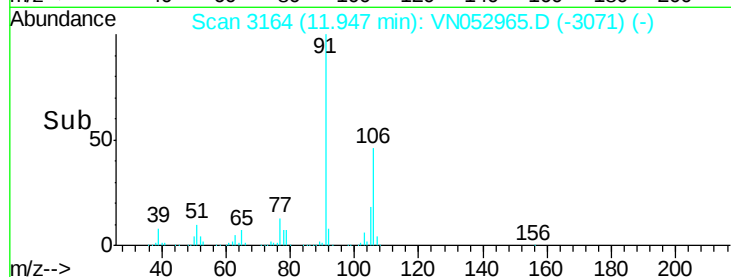
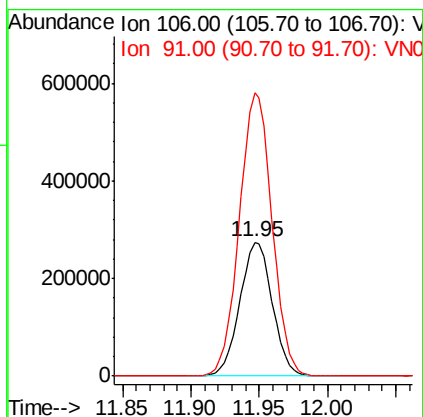
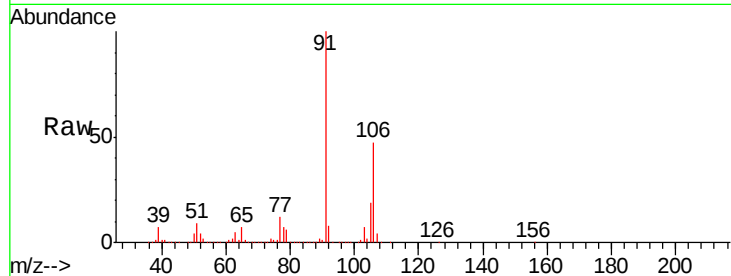




#69
o-Xylene
Concen: 19.879 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

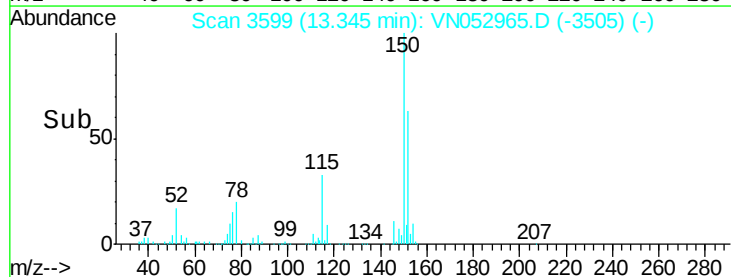
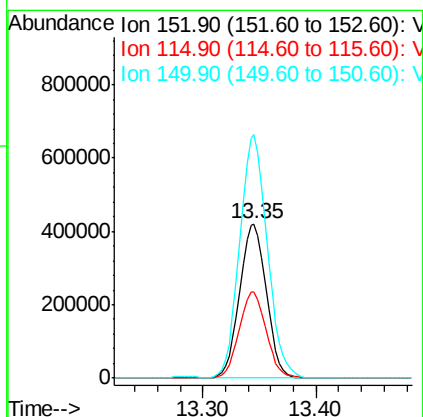
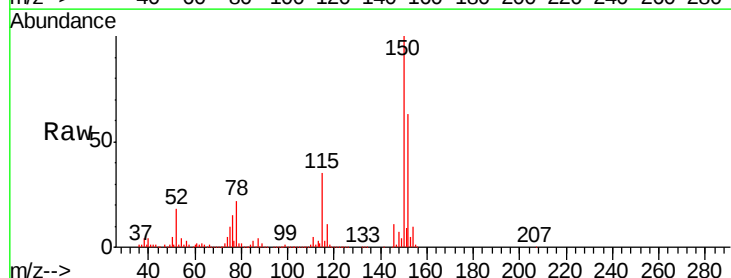
Instrument :
MSVOA_N
ClientSampleId :
P001-SD001-0006-01ME

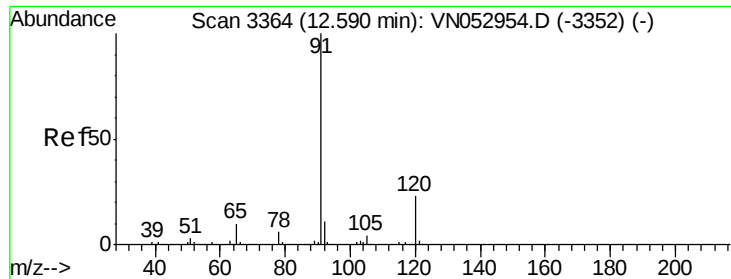
Tgt Ion:106 Resp: 452821
Ion Ratio Lower Upper
106 100
91 212.8 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

Tgt Ion:152 Resp: 690399
Ion Ratio Lower Upper
152 100
115 56.9 28.3 85.0
150 163.6 0.0 347.8





#78

n-propylbenzene

Concen: 1.502 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

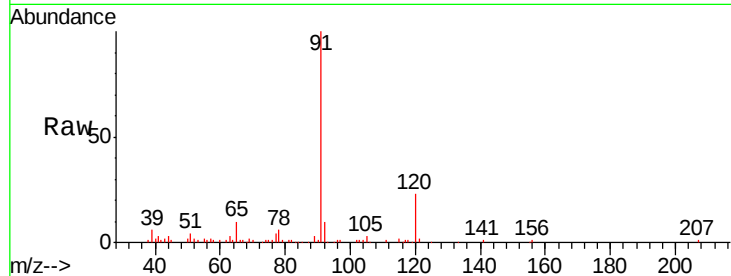
P001-SD001-0006-01ME

Tgt Ion: 91 Resp: 92397

Ion Ratio Lower Upper

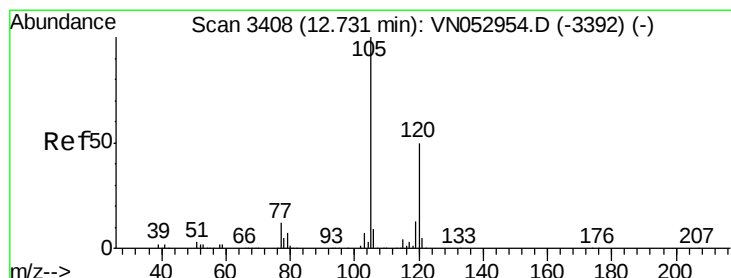
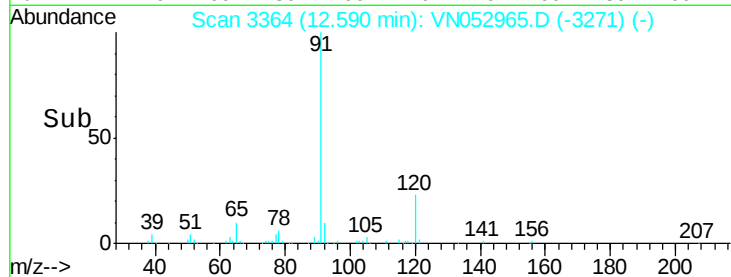
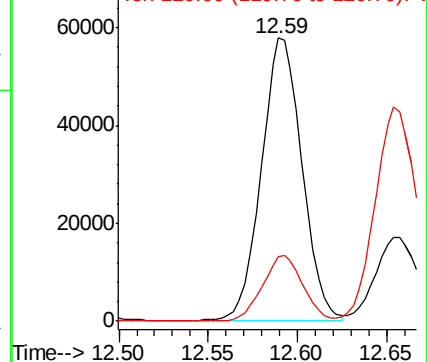
91 100

120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.001 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052965.D

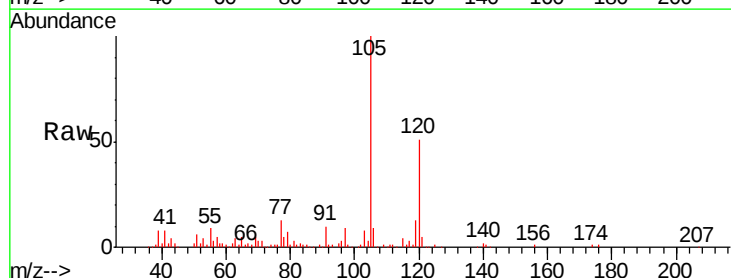
Acq: 18 Dec 2018 17:04

Tgt Ion: 105 Resp: 176152

Ion Ratio Lower Upper

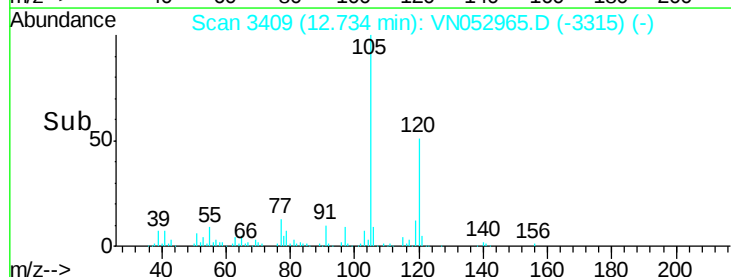
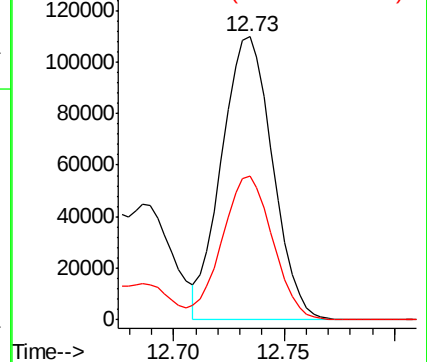
105 100

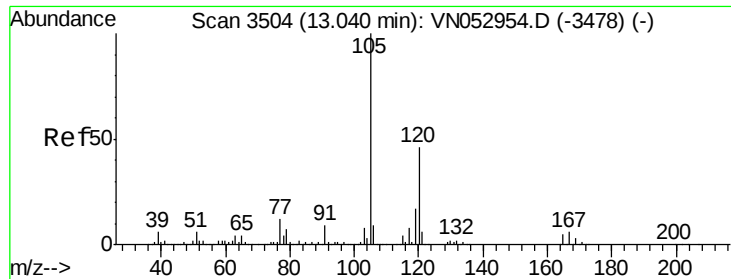
120 50.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)





#84

1,2,4-Trimethylbenzene

Concen: 13.620 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

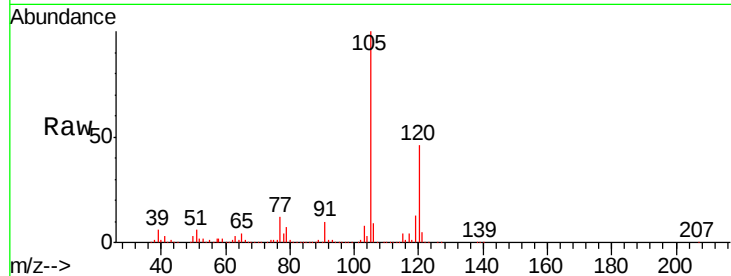
P001-SD001-0006-01ME

Tgt Ion:105 Resp: 602829

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

400000

300000

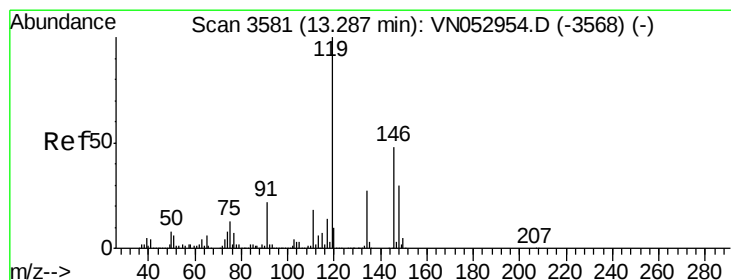
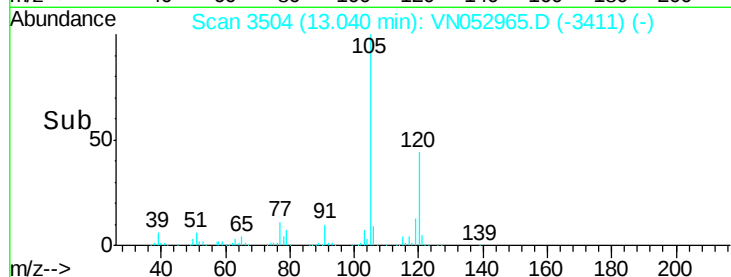
200000

100000

0

Time-->

13.00 13.10



#86

p-Isopropyltoluene

Concen: 1.250 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

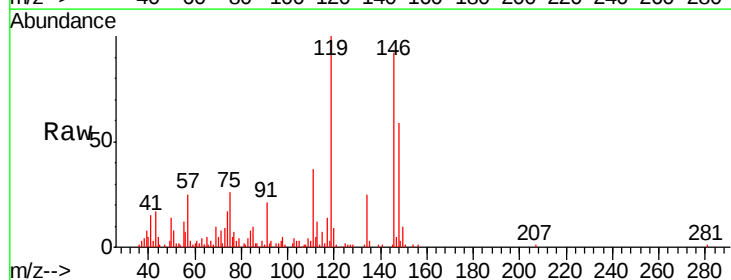
Tgt Ion:119 Resp: 56869

Ion Ratio Lower Upper

119 100

134 24.9 13.4 40.2

91 20.4 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

50000

40000

30000

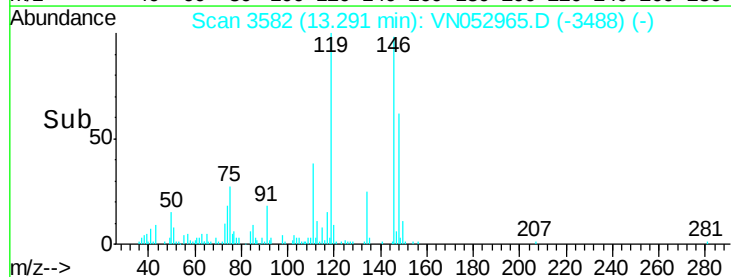
20000

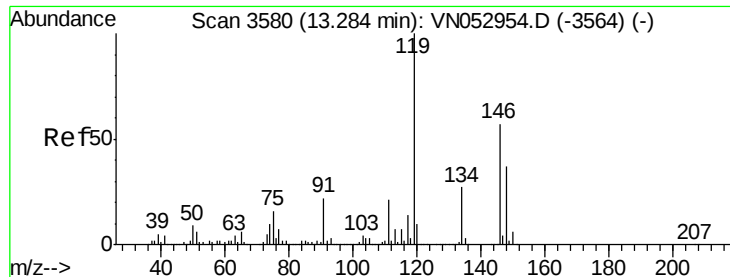
10000

0

Time-->

13.25 13.30





#87

1,3-Dichlorobenzene

Concen: 2.892 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

P001-SD001-0006-01ME

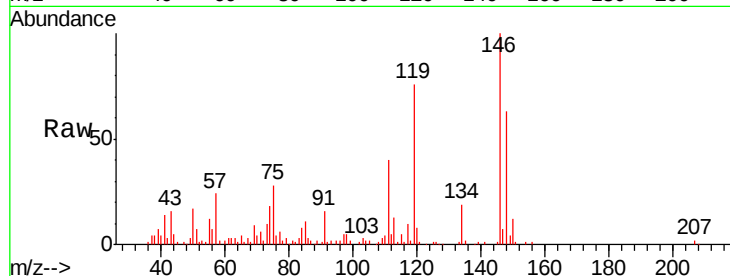
Tgt Ion:146 Resp: 71866

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

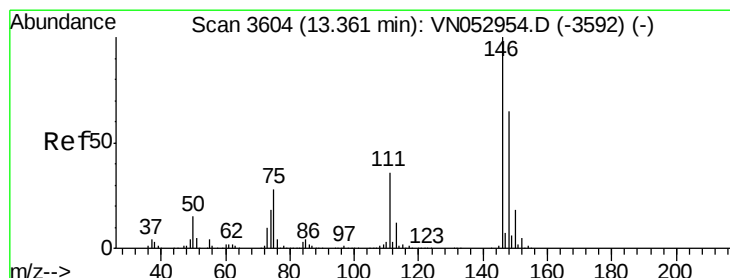
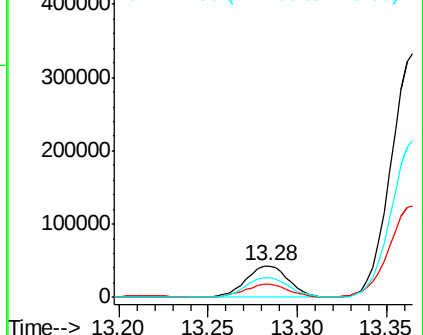
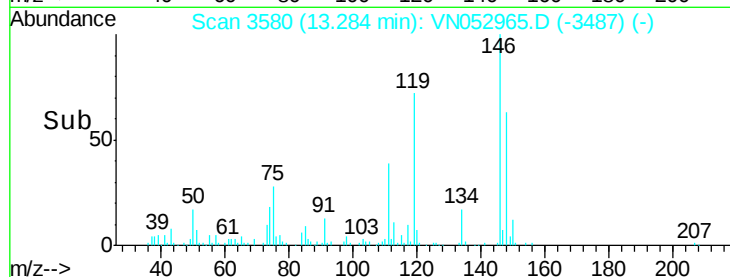
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.531 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052965.D

Acq: 18 Dec 2018 17:04

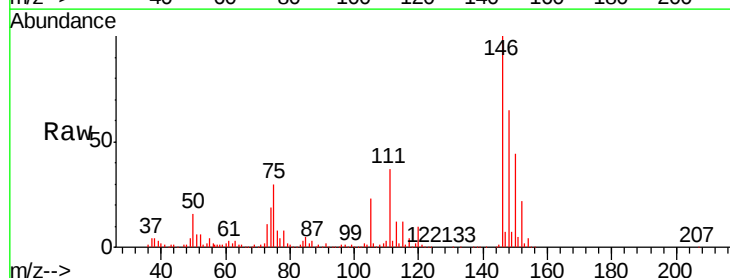
Tgt Ion:146 Resp: 541869

Ion Ratio Lower Upper

146 100

111 38.6 18.6 55.8

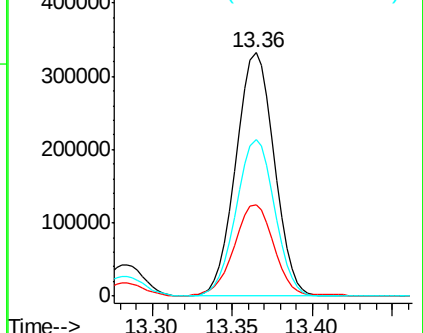
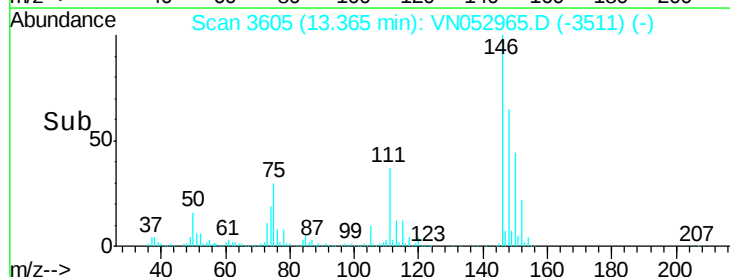
148 64.8 32.1 96.5

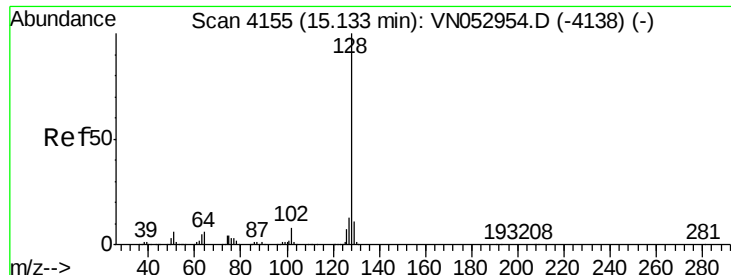


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

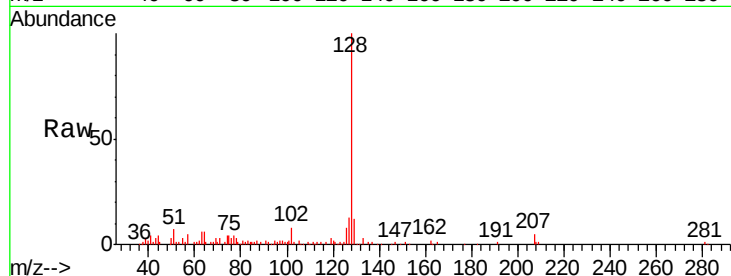




#95
Naphthalene
Concen: 4.489 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052965.D
Acq: 18 Dec 2018 17:04

Instrument :
MSVOA_N
ClientSampleId :
P001-SD001-0006-01ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.6	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

