

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053952.D
 Acq On : 26 Feb 2019 13:57
 Operator : JC/SP
 Sample : K1597-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25

Quant Time: Feb 27 02:56:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1120576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1090092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429263	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	399491	54.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.52%	
35) Dibromofluoromethane	7.59	113	366520	50.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.16%	
50) Toluene-d8	10.09	98	1432261	53.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.40	95	482642	53.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.40%	

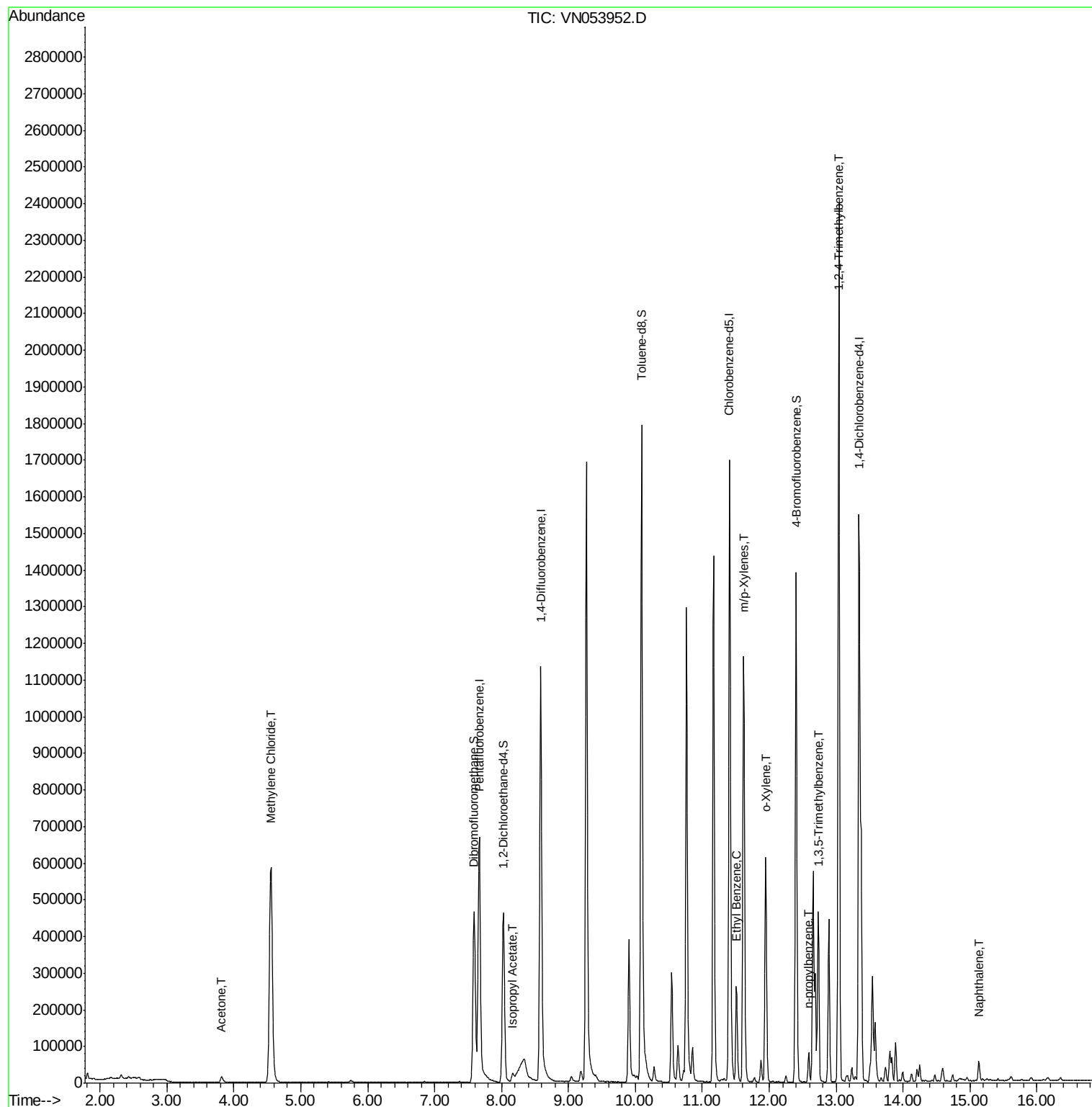
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	26937	1.747	ug/l	93
20) Methylene Chloride	4.55	84	455616	62.523	ug/l	89
43) Isopropyl Acetate	8.17	43	32072	2.553	ug/l #	93
67) Ethyl Benzene	11.51	91	201566	5.226	ug/l	98
68) m/p-Xylenes	11.62	106	390126	26.801	ug/l	98
69) o-Xylene	11.95	106	175804	12.292	ug/l	97
78) n-propylbenzene	12.59	91	65823	1.732	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	264920	9.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1379369	50.507	ug/l	98
95) Naphthalene	15.13	128	46715	5.784	ug/l	100

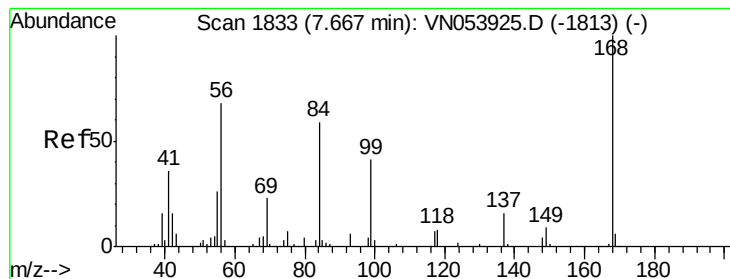
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

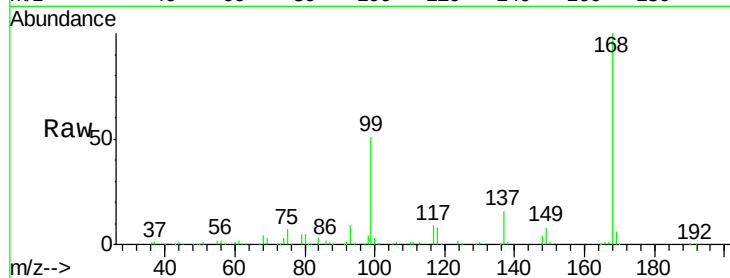
TP-25

Tgt Ion:168 Resp: 628103

Ion Ratio Lower Upper

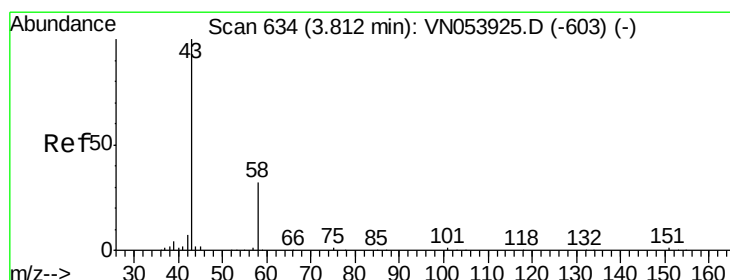
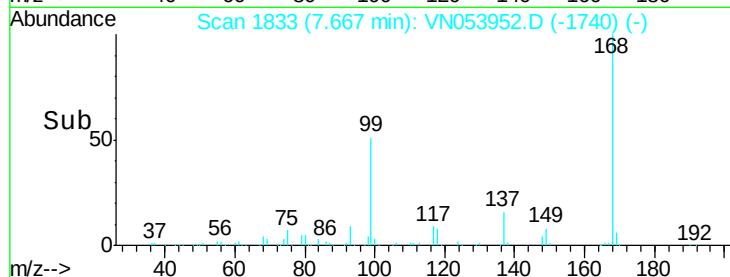
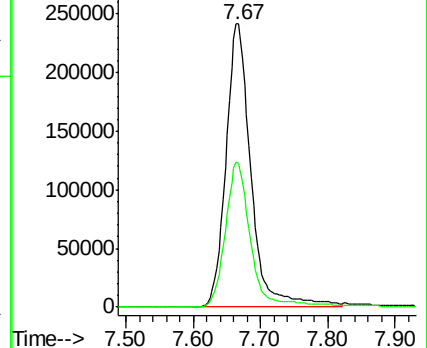
168 100

99 51.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)



#16

Acetone

Concen: 1.747 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053952.D

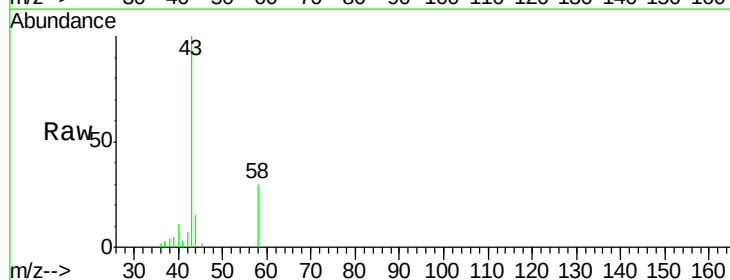
Acq: 26 Feb 2019 13:57

Tgt Ion: 43 Resp: 26937

Ion Ratio Lower Upper

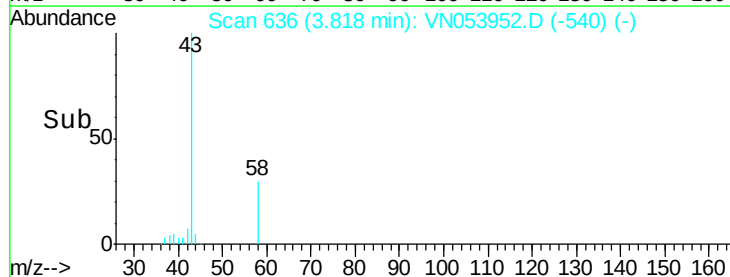
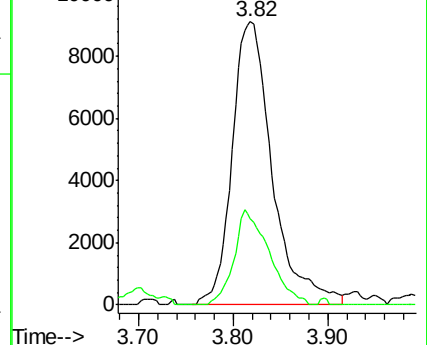
43 100

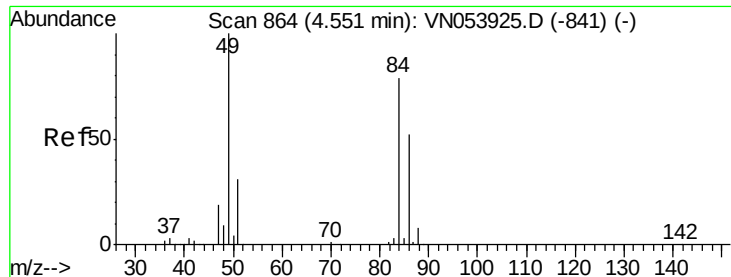
58 30.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-603) (-)

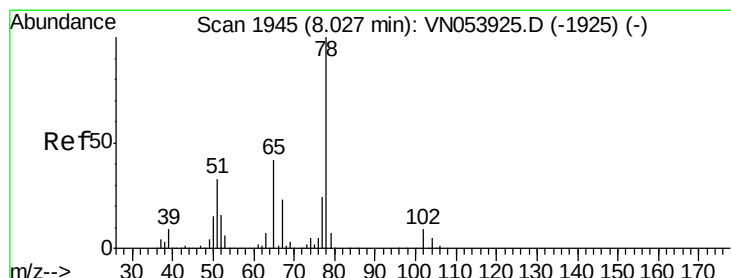
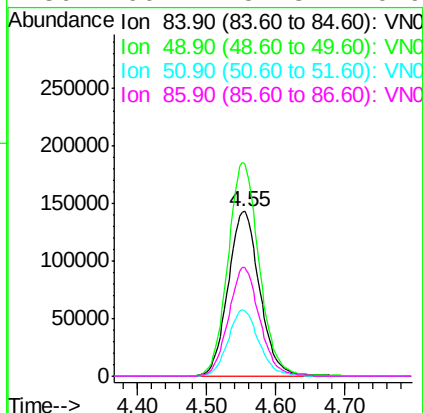
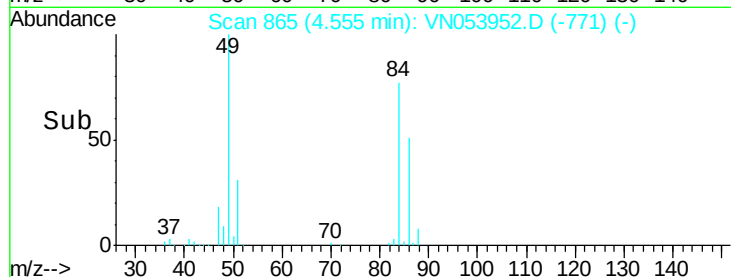
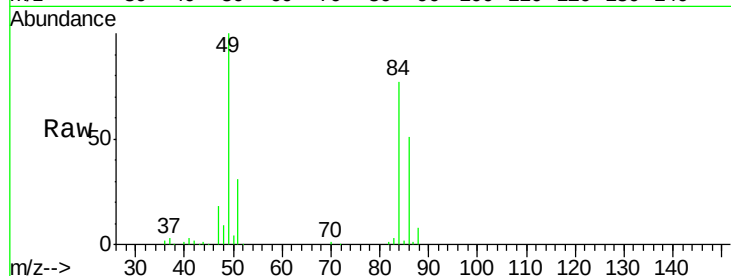




#20
Methylene Chloride
Concen: 62.523 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

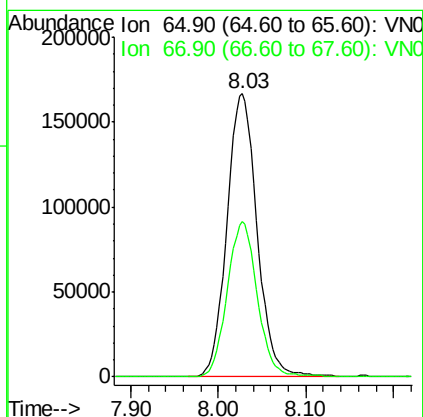
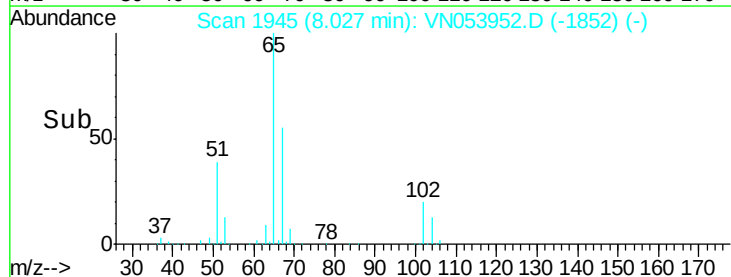
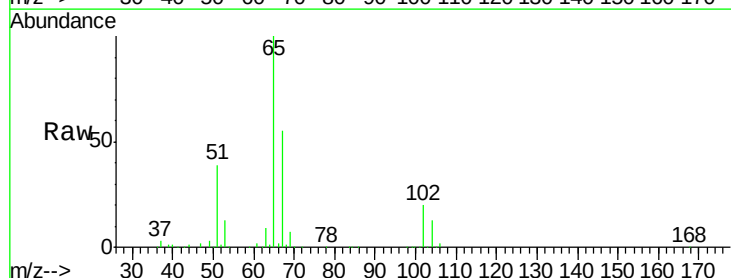
Instrument :
MSVOA_N
ClientSampled :
TP-25

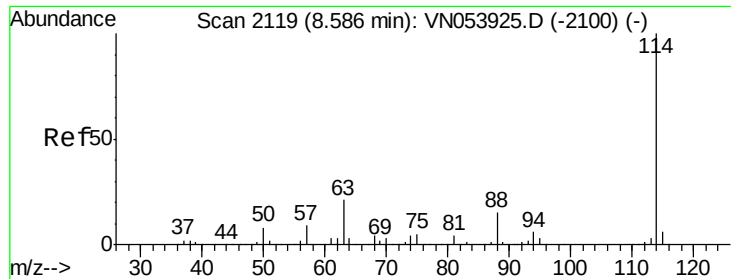
Tgt Ion: 84 Resp: 455616
Ion Ratio Lower Upper
84 100
49 129.3 89.7 134.5
51 40.0 27.8 41.8
86 66.2 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 54.258 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion: 65 Resp: 399491
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.8

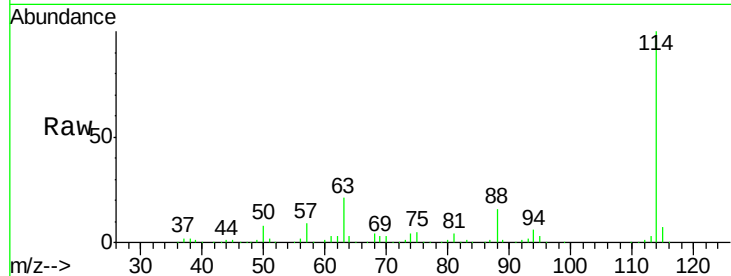




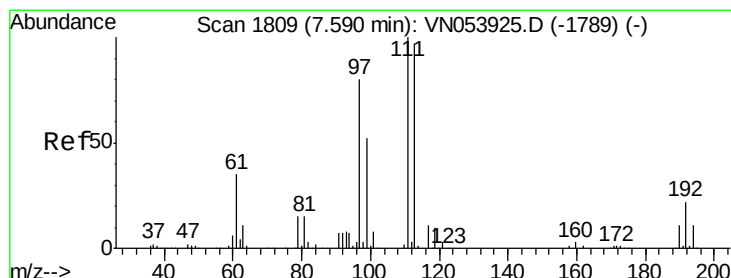
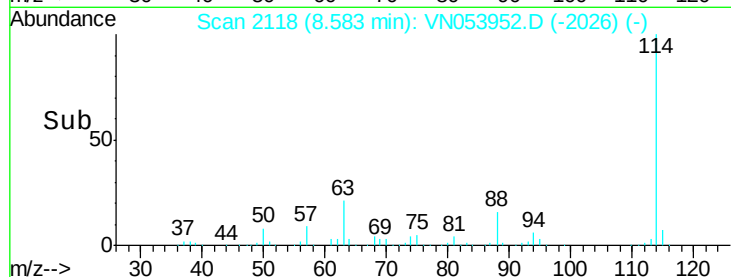
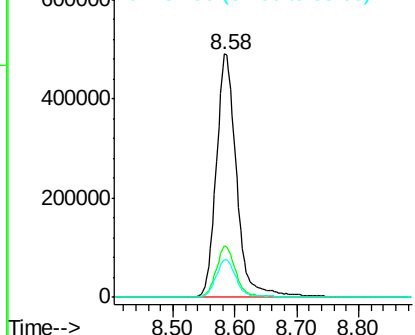
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
TP-25

Tgt Ion:114 Resp: 1120576
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.5 0.0 30.4

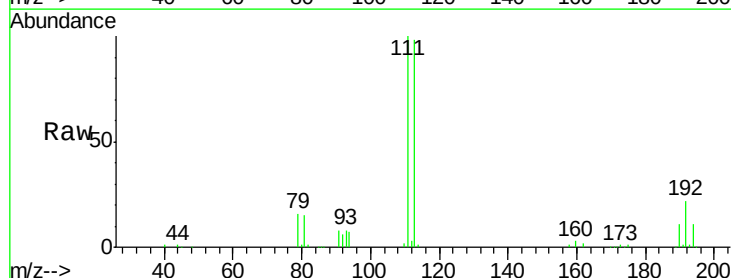


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

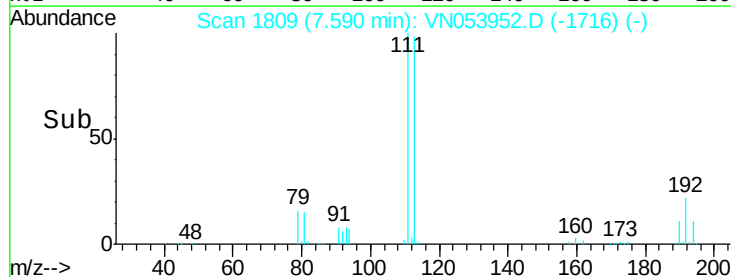
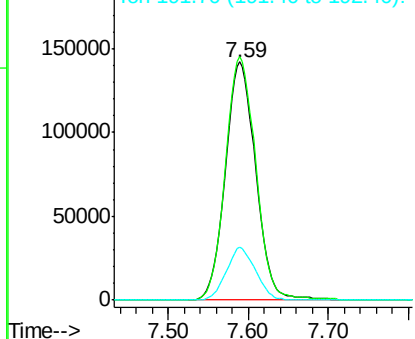


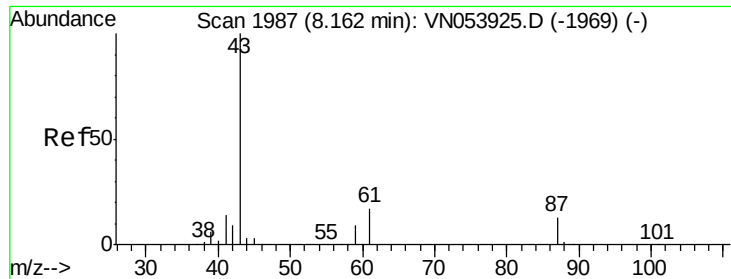
#35
Dibromofluoromethane
Concen: 50.580 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion:113 Resp: 366520
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 21.5 18.8 28.2



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





#43

Isopropyl Acetate

Concen: 2.553 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

TP-25

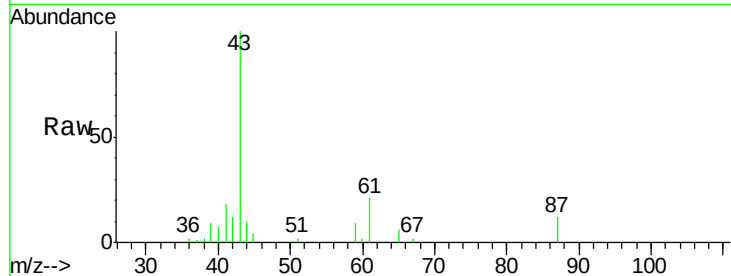
Tgt Ion: 43 Resp: 32072

Ion Ratio Lower Upper

43 100

61 19.5 17.4 26.0

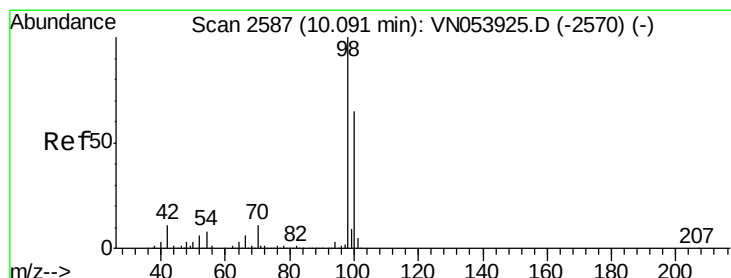
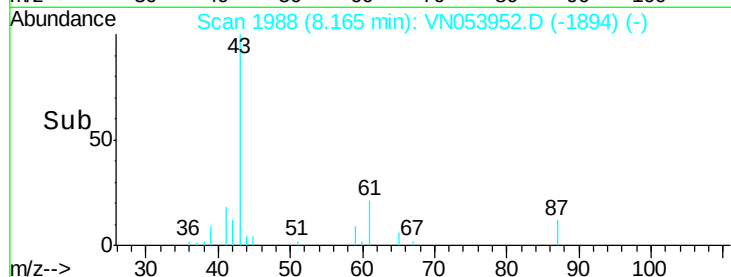
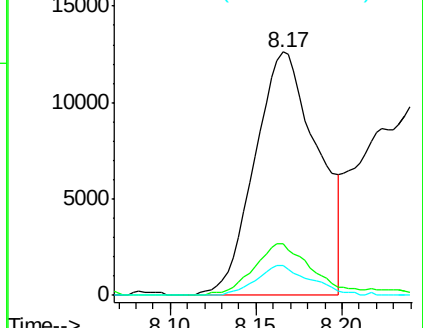
87 10.4 11.5 17.3#



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: 53.096 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053952.D

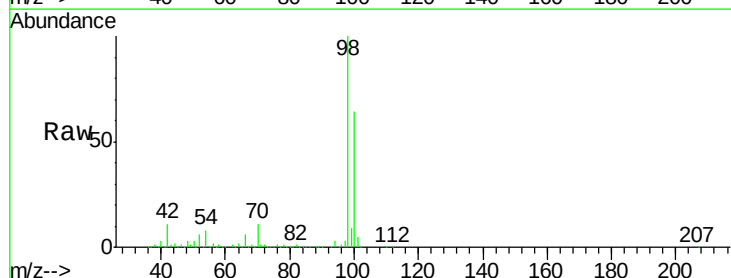
Acq: 26 Feb 2019 13:57

Tgt Ion: 98 Resp: 1432261

Ion Ratio Lower Upper

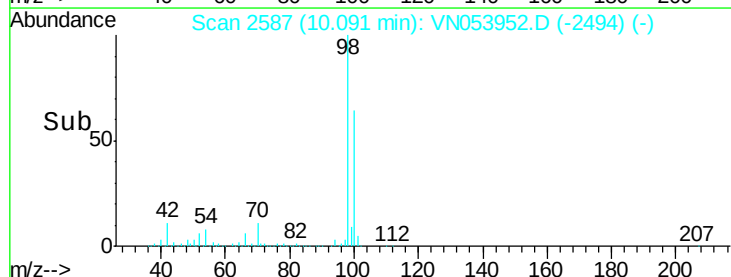
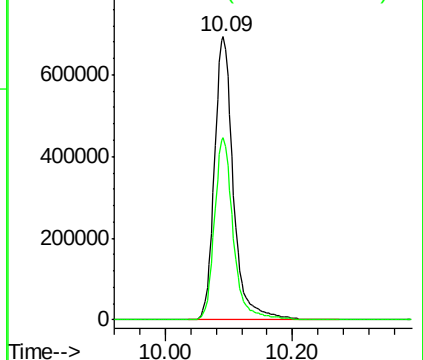
98 100

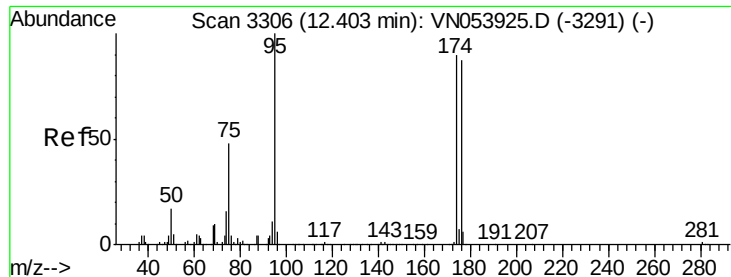
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.703 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

TP-25

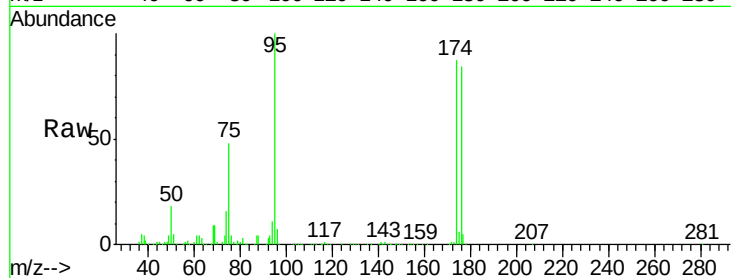
Tgt Ion: 95 Resp: 482642

Ion Ratio Lower Upper

95 100

174 86.8 0.0 188.8

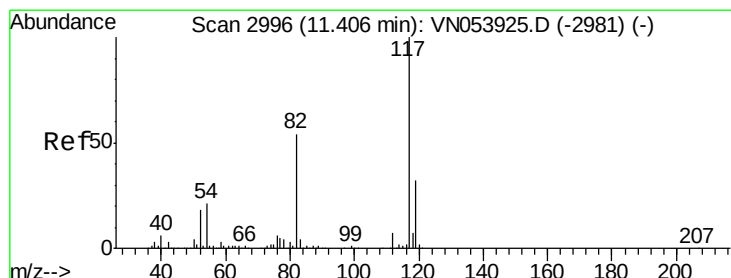
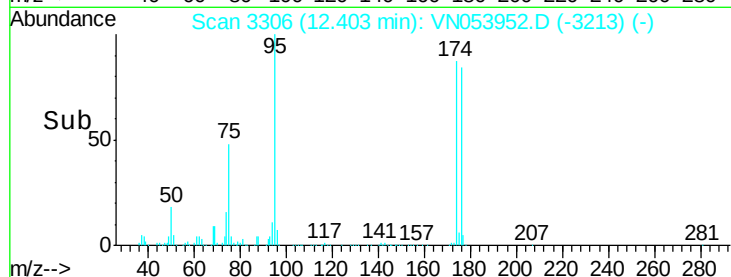
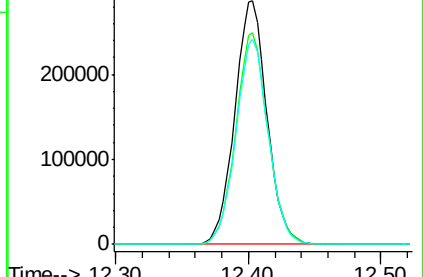
176 84.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

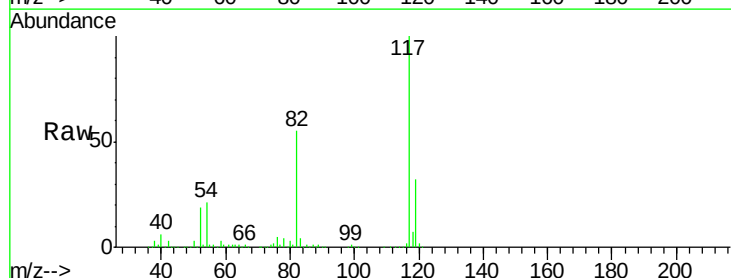
Tgt Ion: 117 Resp: 1090092

Ion Ratio Lower Upper

117 100

82 55.1 41.4 62.2

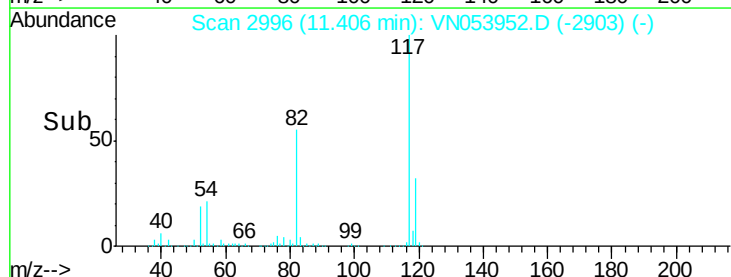
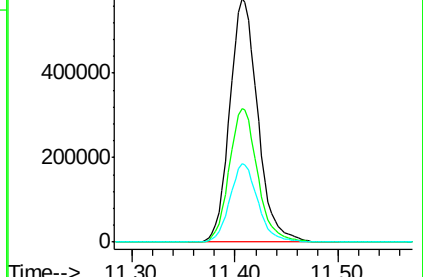
119 32.1 25.3 37.9

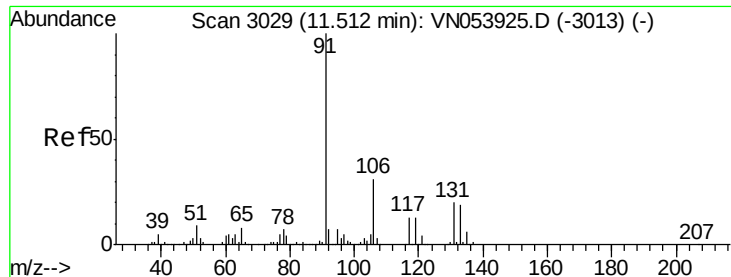


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

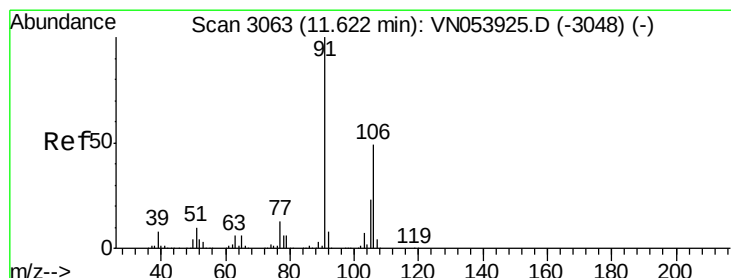
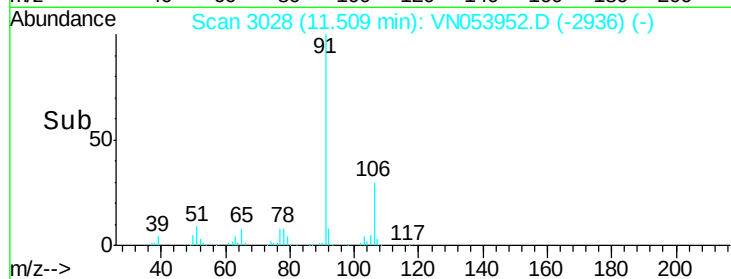
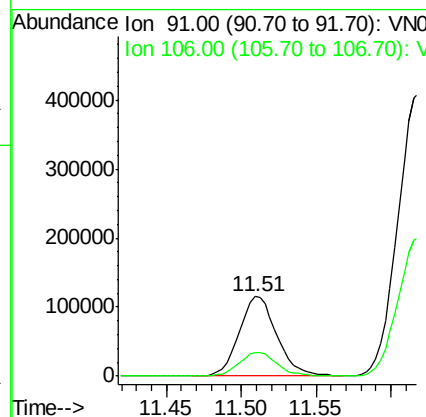
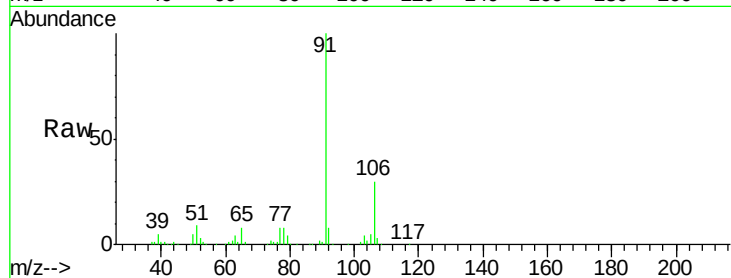




#67
Ethyl Benzene
Concen: 5.226 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

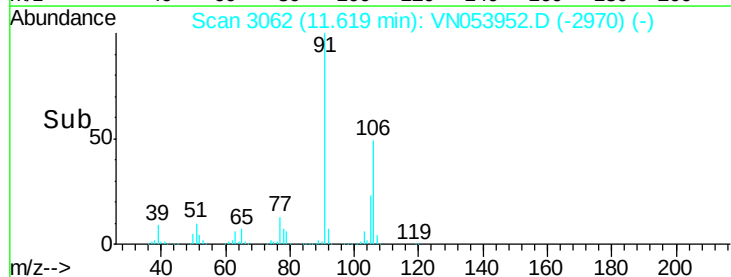
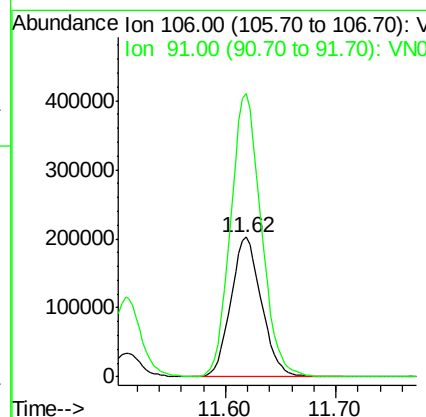
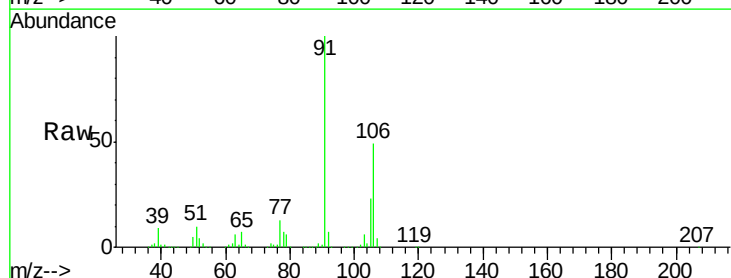
Instrument :
MSVOA_N
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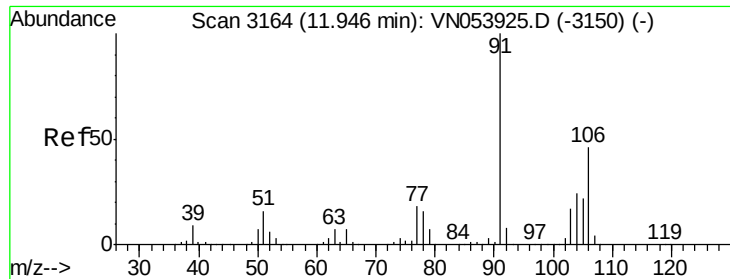
Tgt Ion: 91 Resp: 201566
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8



#68
m/p-Xylenes
Concen: 26.801 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053952.D
Acq: 26 Feb 2019 13:57

Tgt Ion: 106 Resp: 390126
Ion Ratio Lower Upper
106 100
91 202.3 158.9 238.3

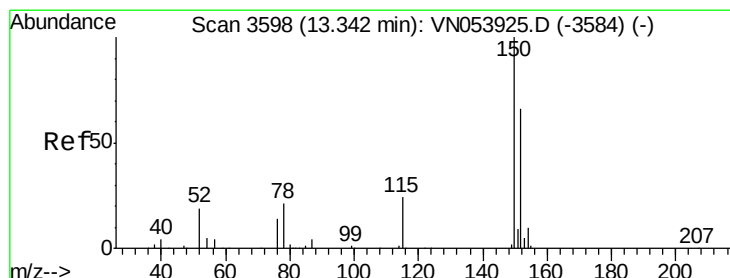
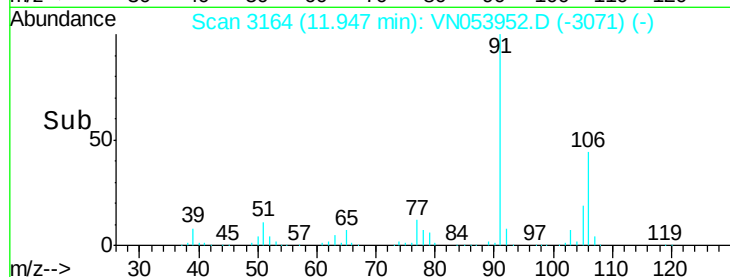
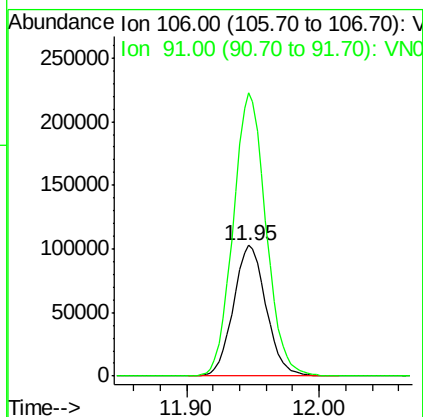
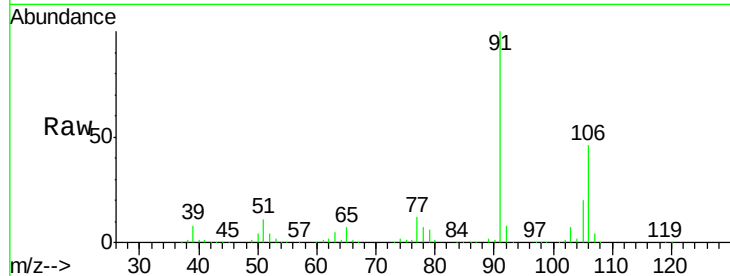




#69
o-Xylene
Concen: 12.292 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053925.D
Acq: 26 Feb 2019 13:57

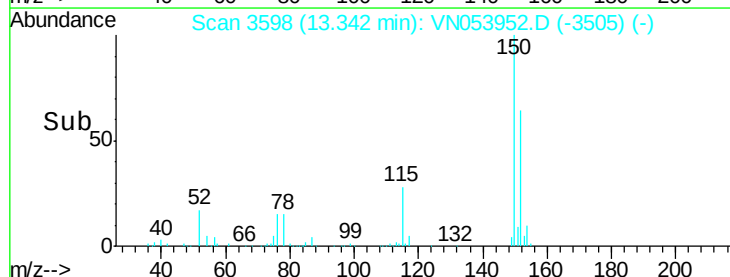
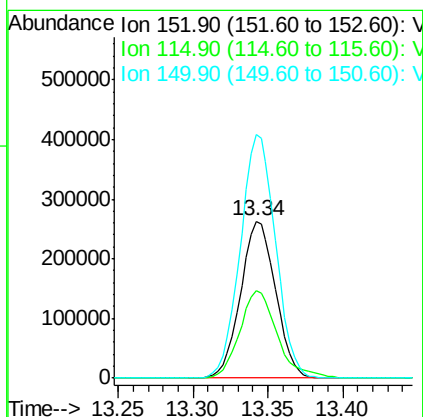
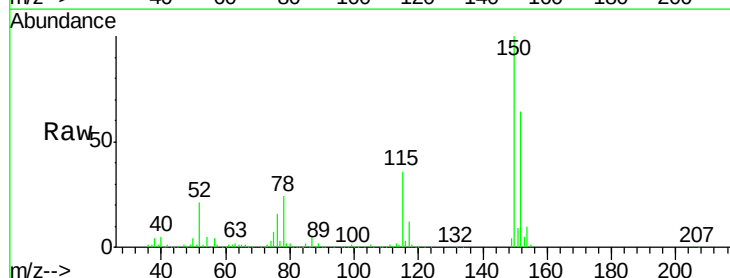
Instrument :
MSVOA_N
ClientSampleId :
TP-25

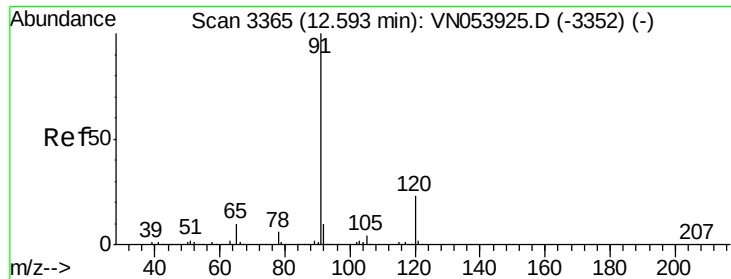
Tgt Ion:106 Resp: 175804
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053925.D
Acq: 26 Feb 2019 13:57

Tgt Ion:152 Resp: 429263
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 155.5 0.0 348.2





#78

n-propylbenzene

Concen: 1.732 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053952.D

Acq: 26 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

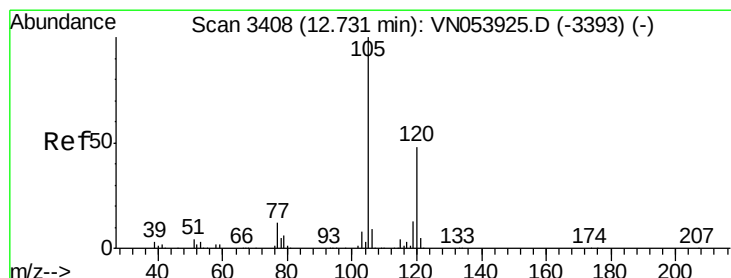
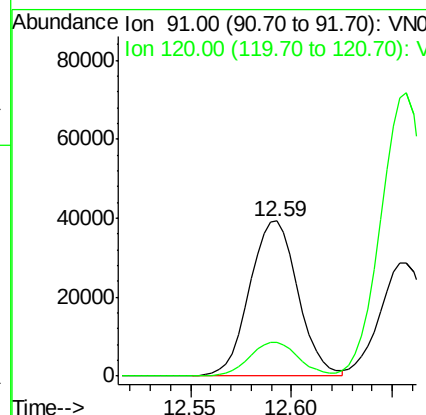
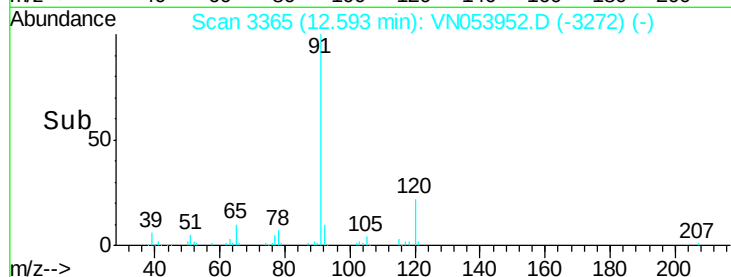
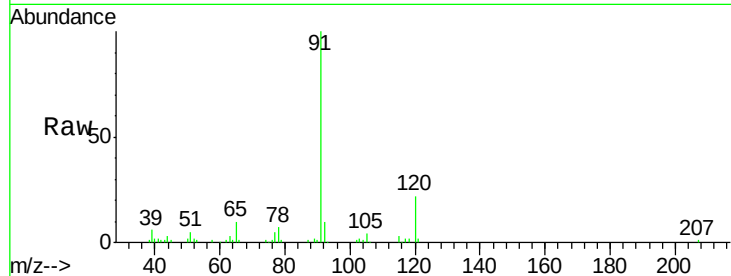
TP-25

Tgt Ion: 91 Resp: 65823

Ion Ratio Lower Upper

91 100

120 22.0 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 9.684 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053952.D

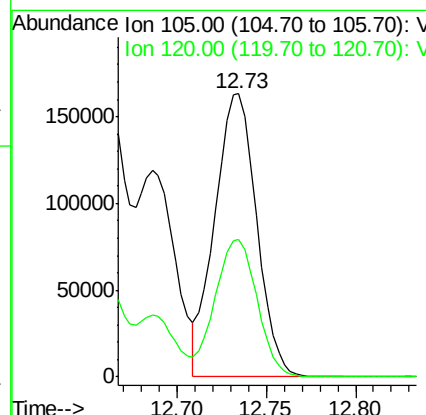
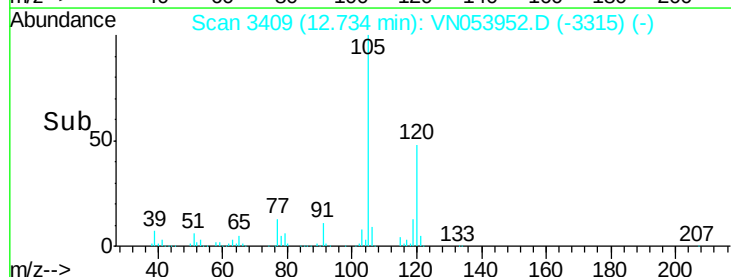
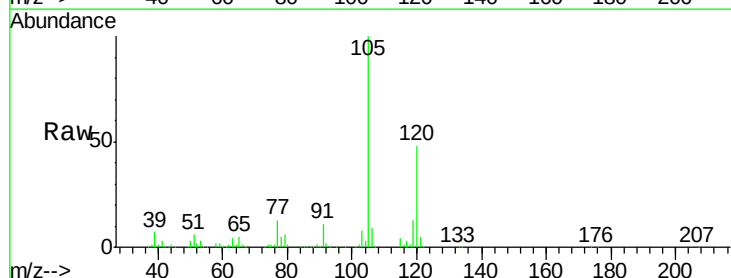
Acq: 26 Feb 2019 13:57

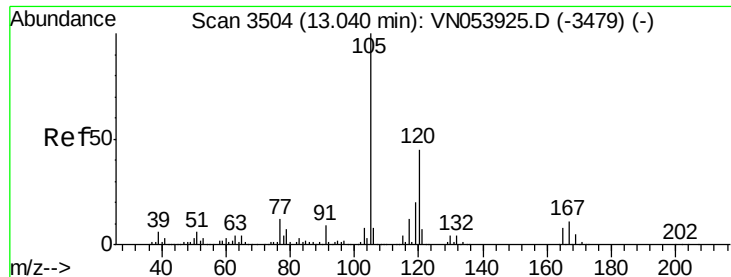
Tgt Ion: 105 Resp: 264920

Ion Ratio Lower Upper

105 100

120 48.7 25.1 75.2

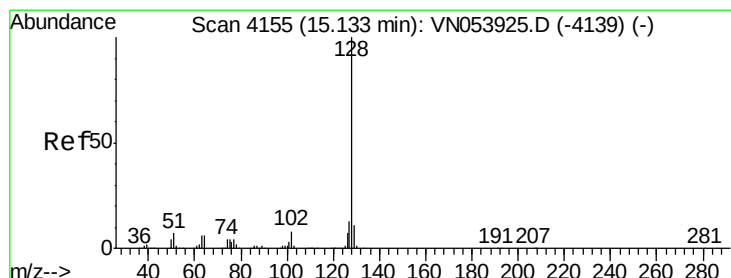
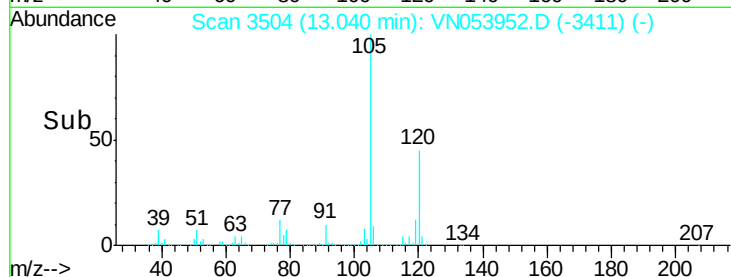
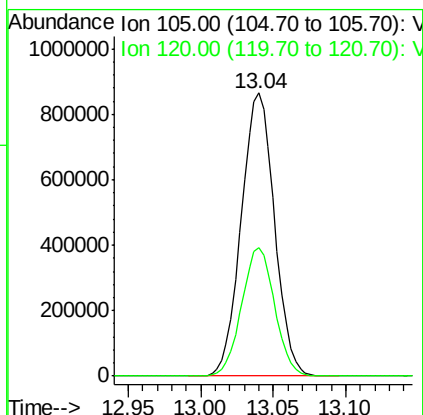
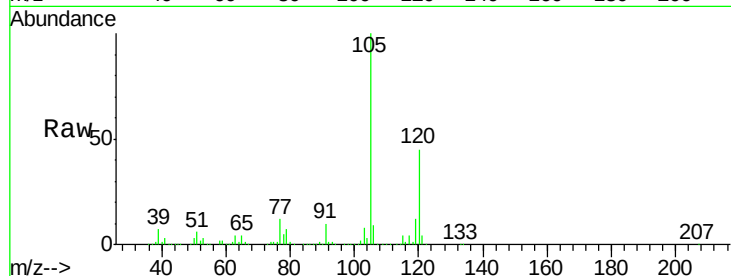




#84
 1,2,4-Trimethylbenzene
 Concen: 50.507 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

Instrument :
 MSVOA_N
 ClientSampled :
 TP-25

Tgt Ion:105 Resp: 1379369
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.2 69.5



#95
 Naphthalene
 Concen: 5.784 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053952.D
 Acq: 26 Feb 2019 13:57

Tgt Ion:128 Resp: 46715
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 10.5 8.6 12.8

