

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059251.D
 Acq On : 15 Nov 2019 9:50
 Operator : JC/SP
 Sample : K5842-04DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S36-0163DL

Quant Time: Nov 15 15:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	445604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	689703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	607505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223543	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	277552	50.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.34%	
35) Dibromofluoromethane	7.57	113	218844	53.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.28%	
50) Toluene-d8	10.08	98	850680	52.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.40	95	276720	47.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.62%	

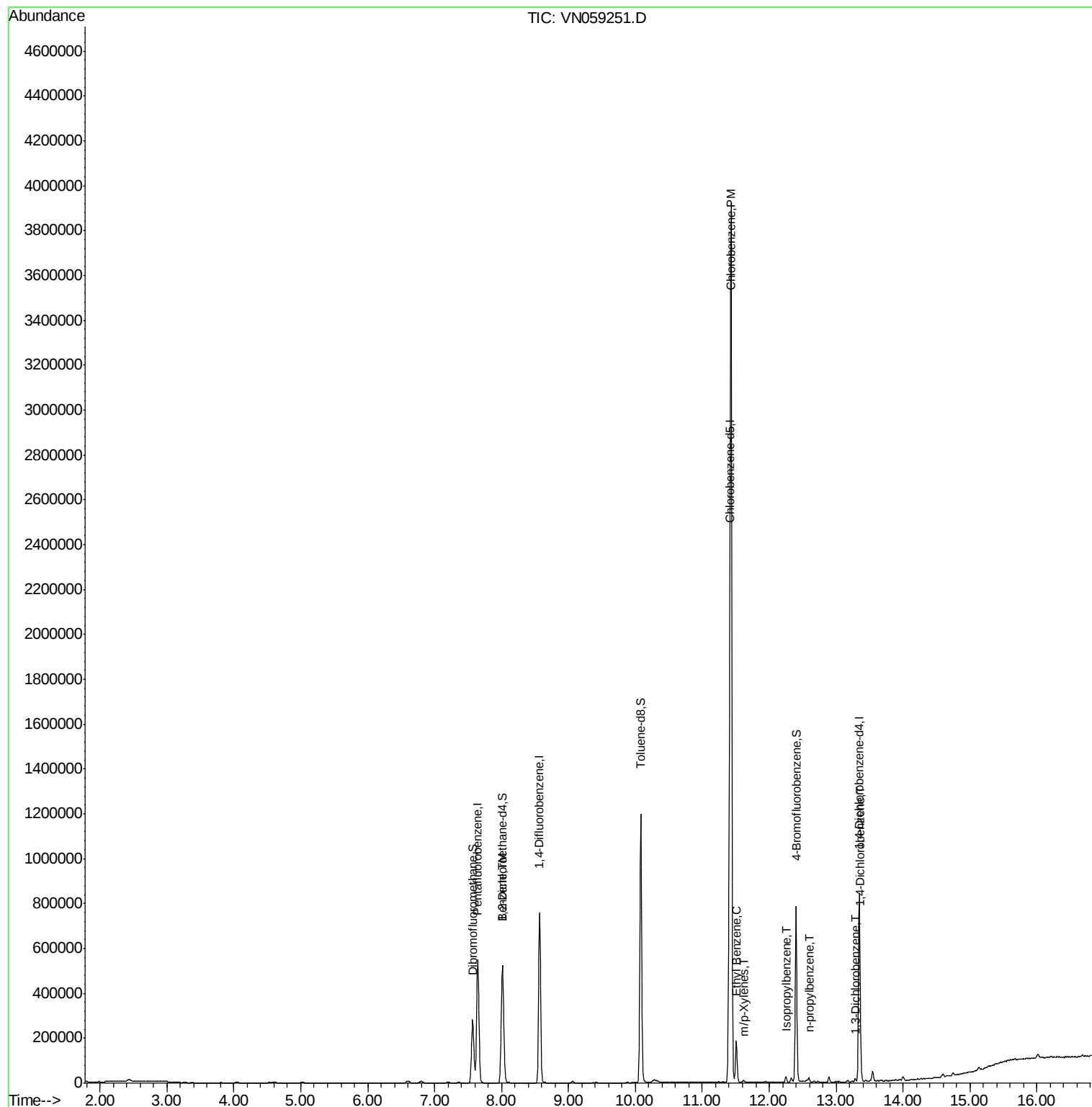
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.02	78	290001	14.938	ug/l	97
65) Chlorobenzene	11.43	112	2164004	182.730	ug/l	97
67) Ethyl Benzene	11.51	91	135539	6.451	ug/l	98
68) m/p-Xylenes	11.62	106	2293	0.291	ug/l	88
73) Isopropylbenzene	12.25	105	16841	1.036	ug/l	99
78) n-propylbenzene	12.59	91	18130	0.974	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	5628	0.804	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	39646	5.664	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059251.D

Acq: 15 Nov 2019 9:50

Instrument :

MSVOA_N

ClientSampled :

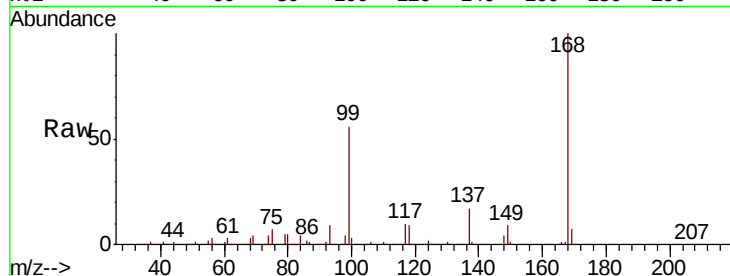
S36-0163DL

Tot Ion:168 Resp: 445604

Ion Ratio Lower Upper

168 100

99 56.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

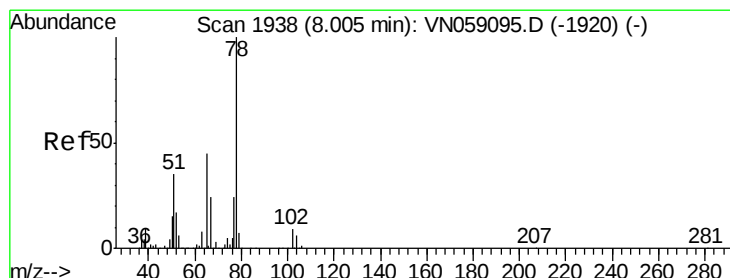
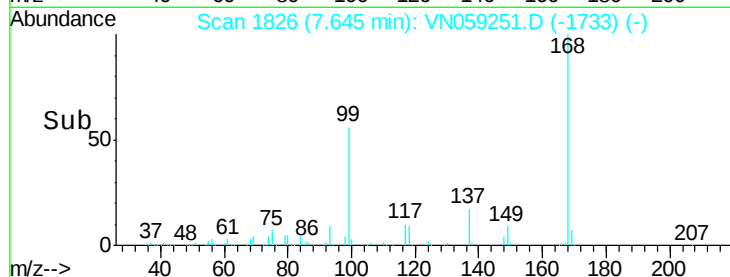
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.670 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059251.D

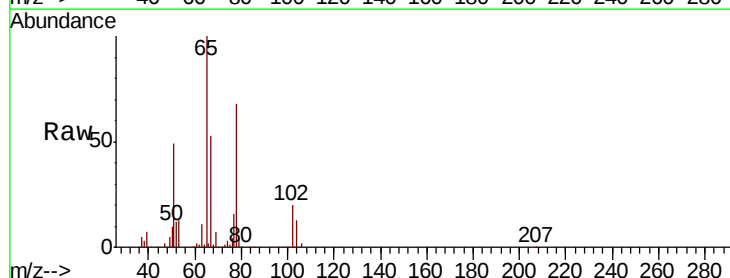
Acq: 15 Nov 2019 9:50

Tgt Ion: 65 Resp: 277552

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

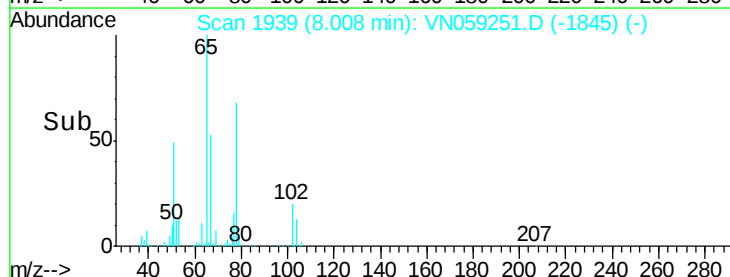
8.01

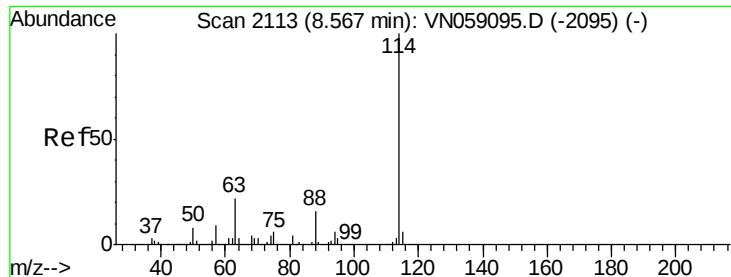
100000

50000

0

Time-->

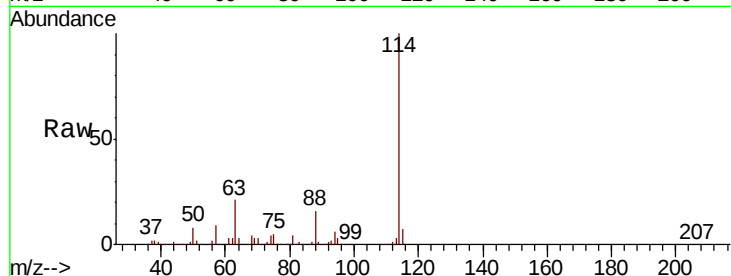




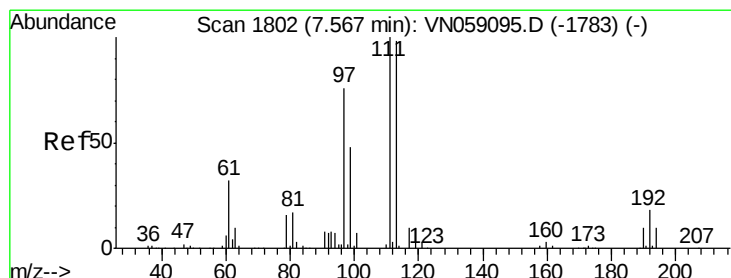
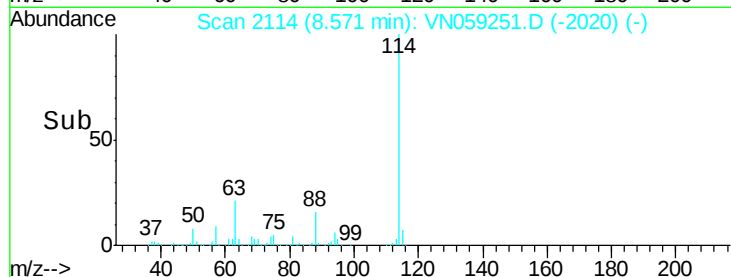
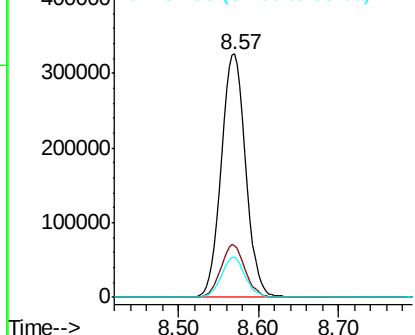
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059251.D
 Acq: 15 Nov 2019 9:50

Instrument :
 MSVOA_N
 ClientSampleId :
 S36-0163DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	16.2	0.0	32.2

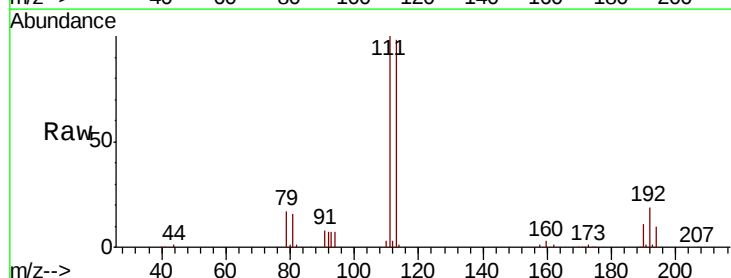


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

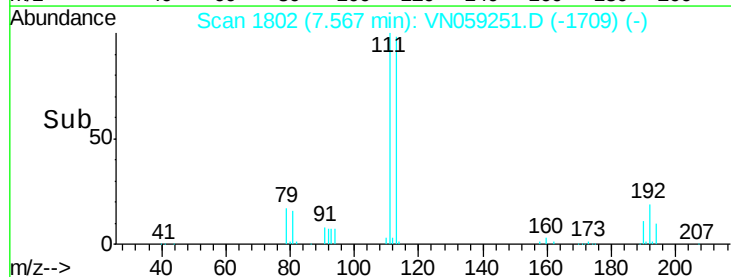
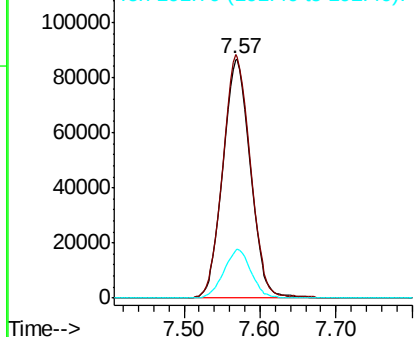


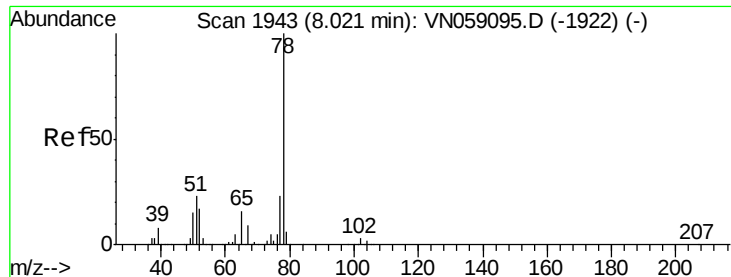
#35
 Dibromofluoromethane
 Concen: 53.141 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059251.D
 Acq: 15 Nov 2019 9:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	20.1	16.1	24.1



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





#40

Benzene

Concen: 14.938 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN059251.D

Acq: 15 Nov 2019 9:50

Instrument :

MSVOA_N

ClientSampled :

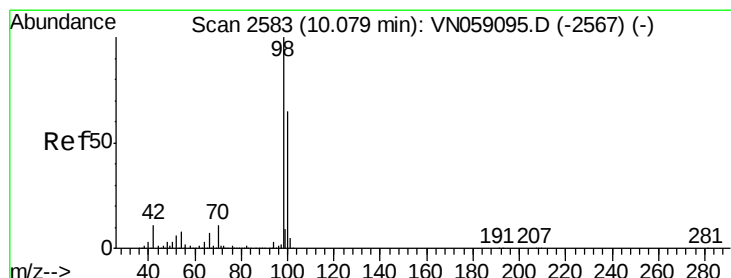
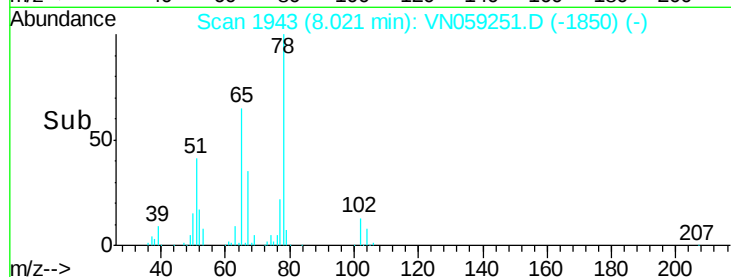
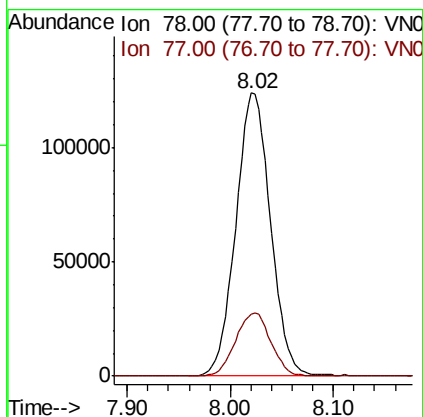
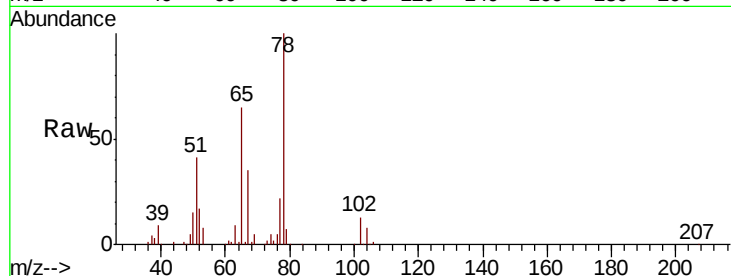
S36-0163DL

Tot Ion: 78 Resp: 290001

Ion Ratio Lower Upper

78 100

77 22.0 18.8 28.2



#50

Toluene-d8

Concen: 52.442 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059251.D

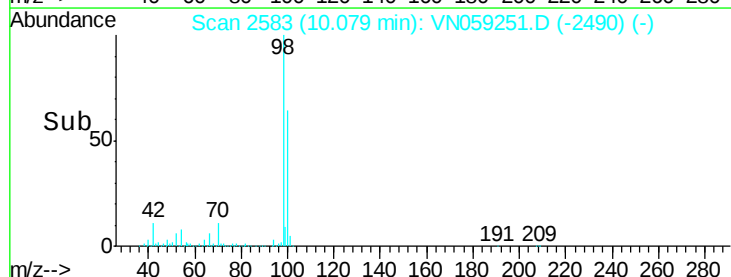
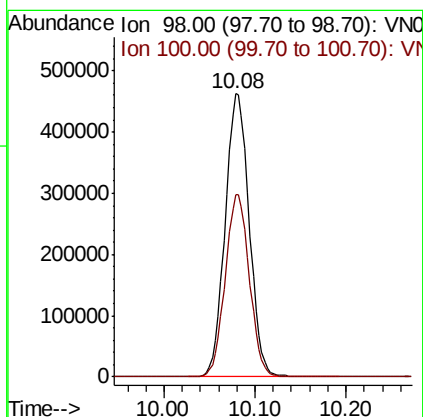
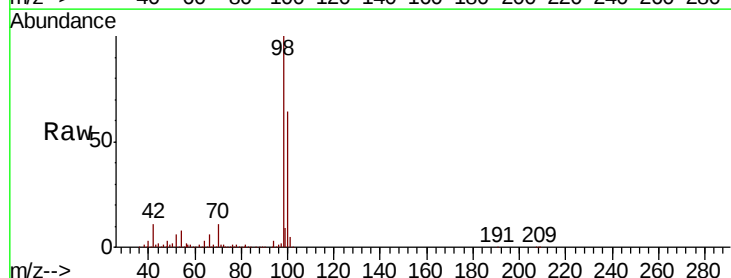
Acq: 15 Nov 2019 9:50

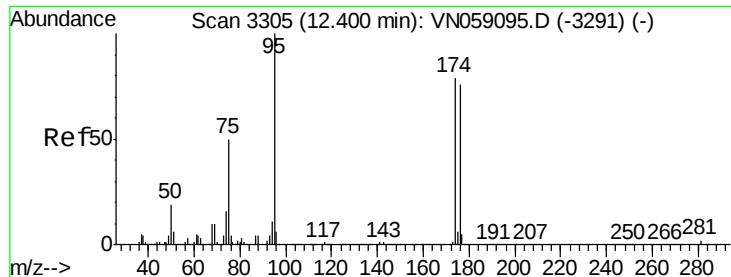
Tgt Ion: 98 Resp: 850680

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 47.313 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059251.D

Acq: 15 Nov 2019 9:50

Instrument :

MSVOA_N

ClientSampleId :

S36-0163DL

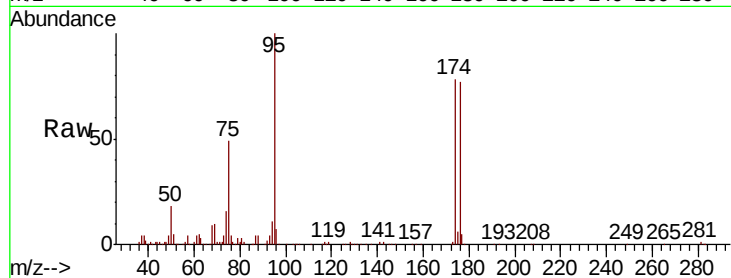
Tot Ion: 95 Resp: 276720

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.2

176 77.4 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059251.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059251.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059251.D (-3212) (-)

12.40

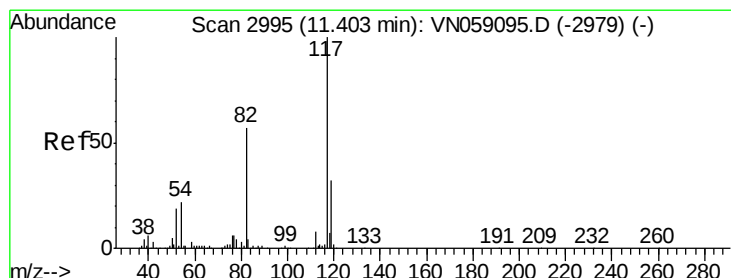
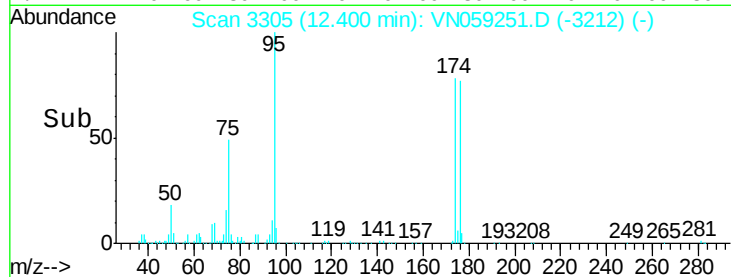
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059251.D

Acq: 15 Nov 2019 9:50

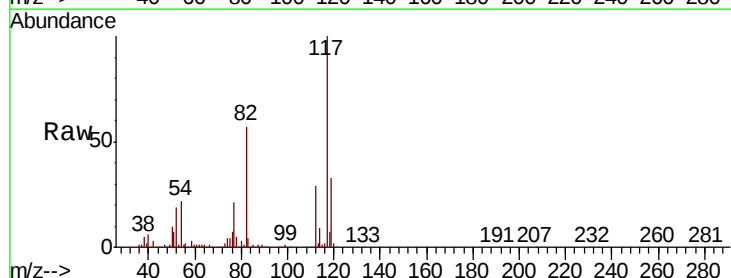
Tgt Ion: 117 Resp: 607505

Ion Ratio Lower Upper

117 100

82 56.7 45.8 68.8

119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059251.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059251.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059251.D (-2902) (-)

11.40

400000

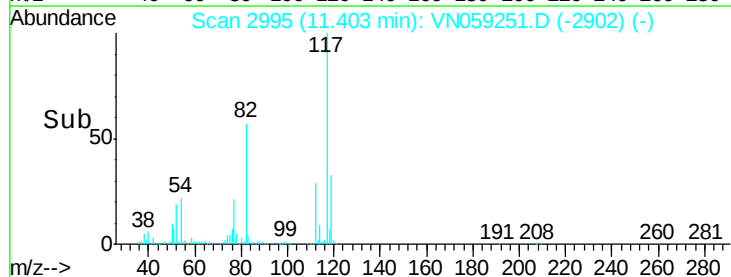
300000

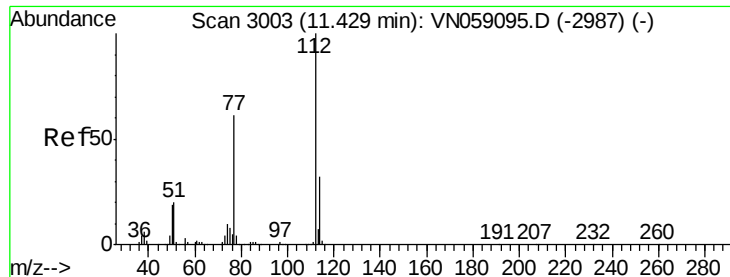
200000

100000

0

Time--> 11.30 11.40 11.50





#65

Chlorobenzene

Concen: 182.730 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059251.D

Acq: 15 Nov 2019 9:50

Instrument :

MSVOA_N

ClientSampled :

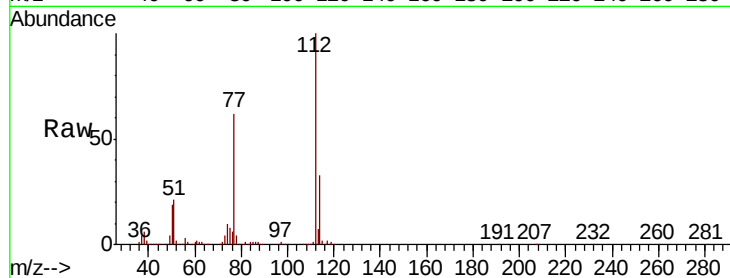
S36-0163DL

Tot Ion:112 Resp: 2164004

Ion Ratio Lower Upper

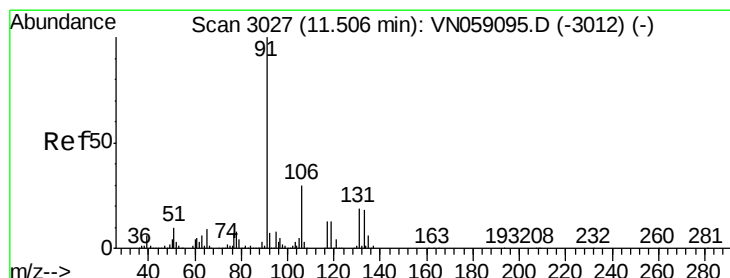
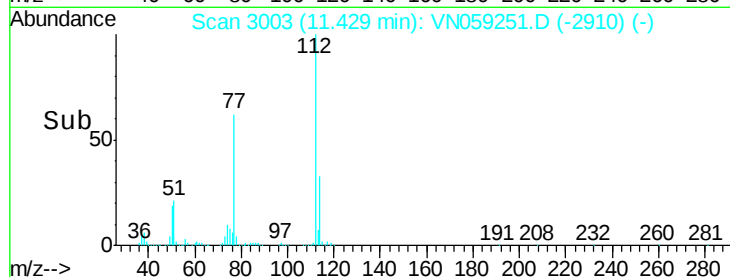
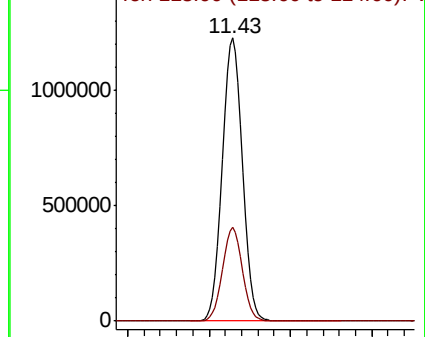
112 100

114 33.0 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 6.451 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059251.D

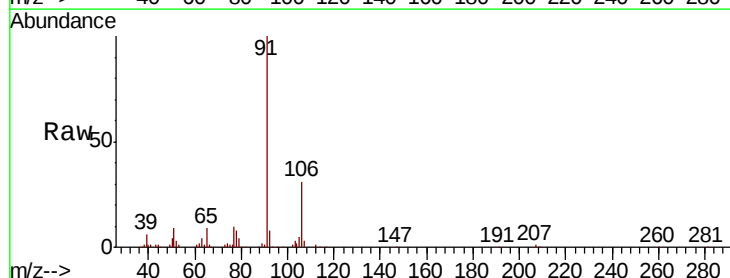
Acq: 15 Nov 2019 9:50

Tgt Ion: 91 Resp: 135539

Ion Ratio Lower Upper

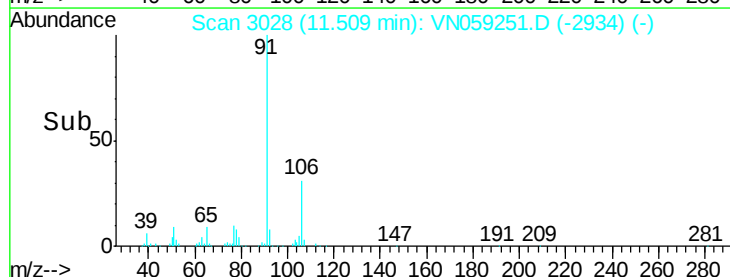
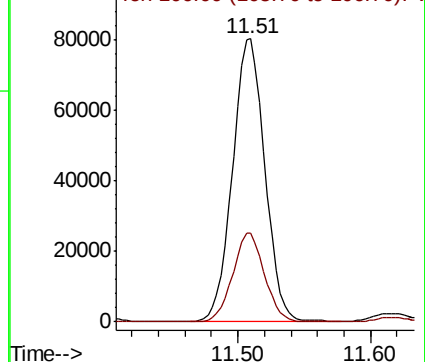
91 100

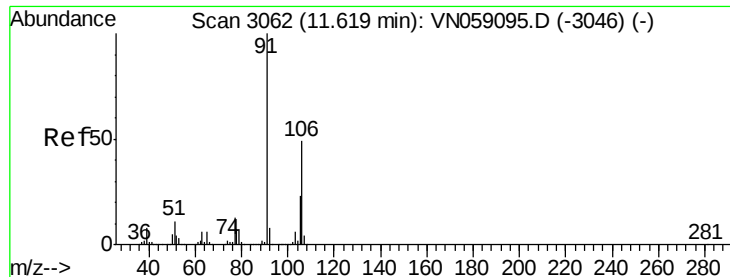
106 31.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

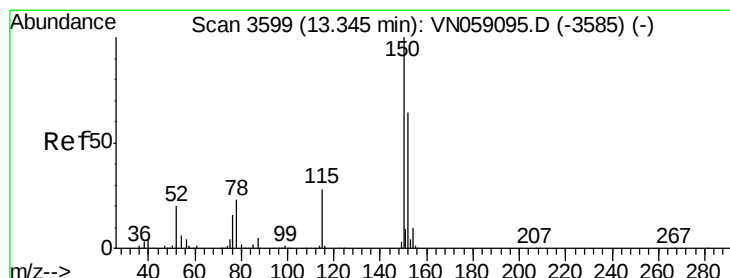
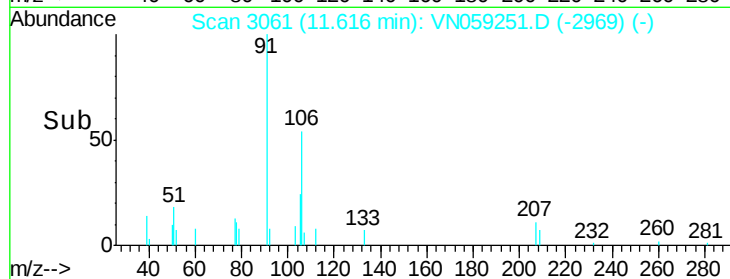
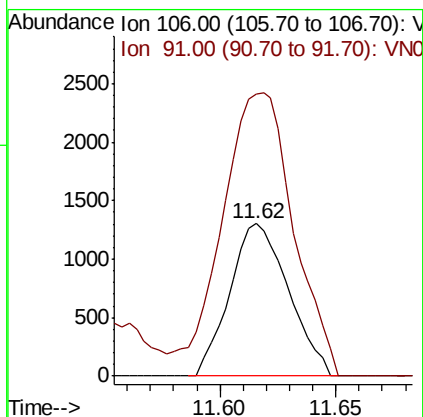
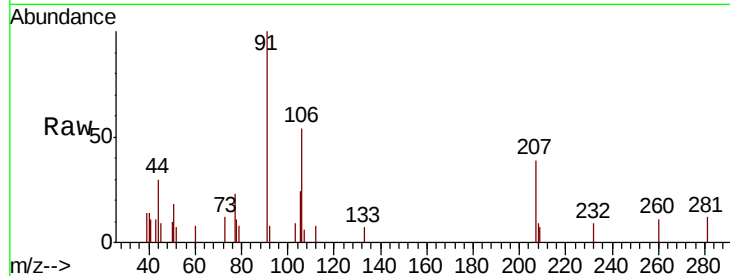




#68
m/p-Xvlenes
Concen: 0.291 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059251.D
Acq: 15 Nov 2019 9:50

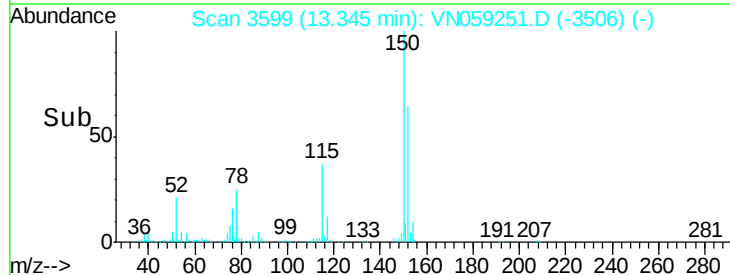
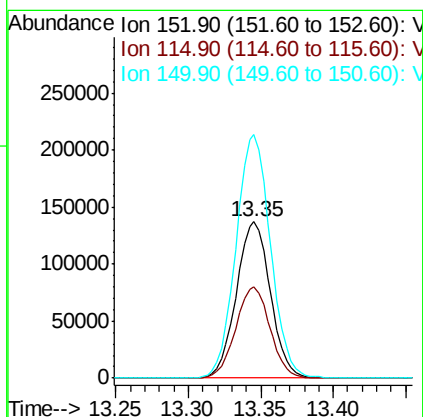
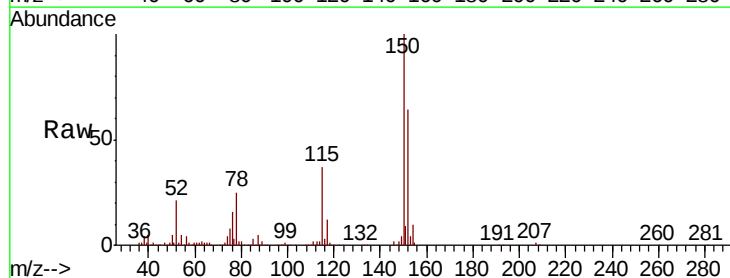
Instrument :
MSVOA_N
ClientSampled :
S36-0163DL

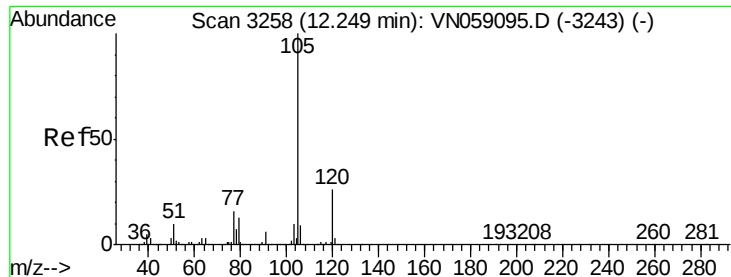
Tot Ion:106 Resp: 2293
Ion Ratio Lower Upper
106 100
91 224.7 164.7 247.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059251.D
Acq: 15 Nov 2019 9:50

Tgt Ion:152 Resp: 223543
Ion Ratio Lower Upper
152 100
115 58.9 29.4 88.2
150 157.8 0.0 345.8





#73

Isopropylbenzene

Concen: 1.036 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059251.D

Acq: 15 Nov 2019 9:50

Instrument :

MSVOA_N

ClientSampleId :

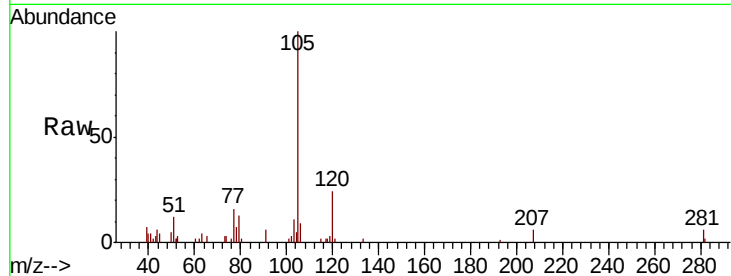
S36-0163DL

Tot Ion: 105 Resp: 16841

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

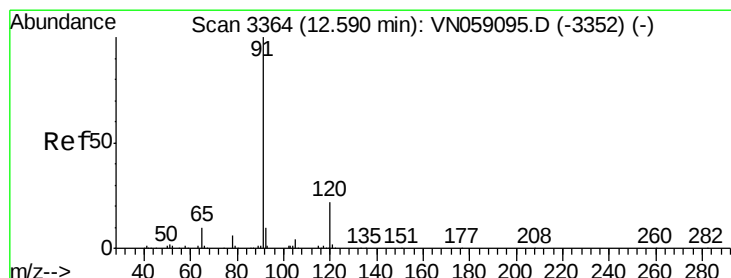
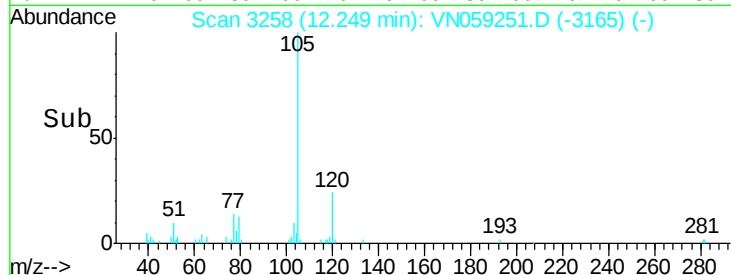
4000

2000

0

12.20 12.25 12.30

Time-->



#78

n-propylbenzene

Concen: 0.974 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059251.D

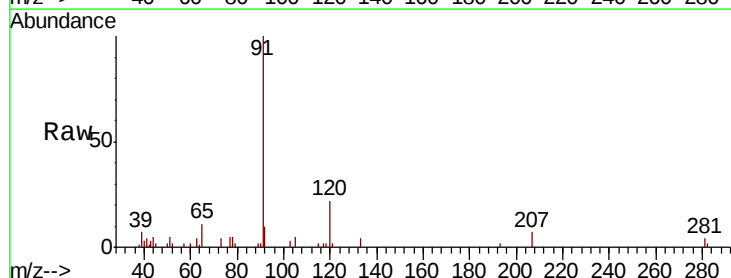
Acq: 15 Nov 2019 9:50

Tgt Ion: 91 Resp: 18130

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

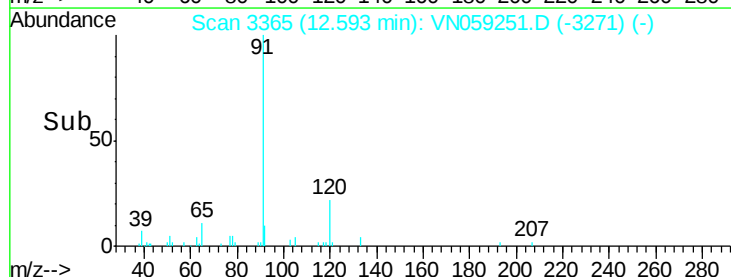
4000

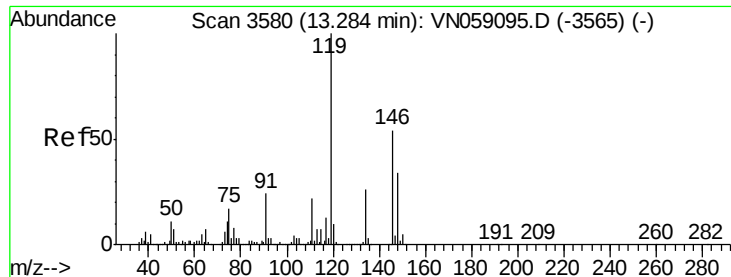
2000

0

12.55 12.60 12.65

Time-->

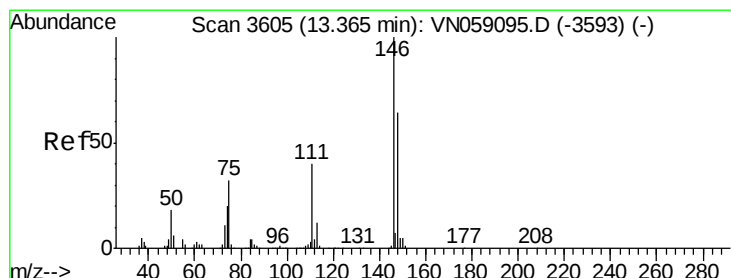
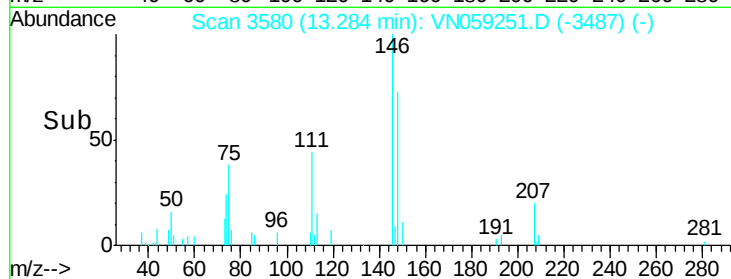
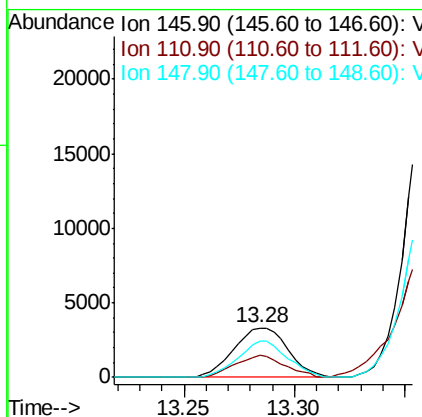
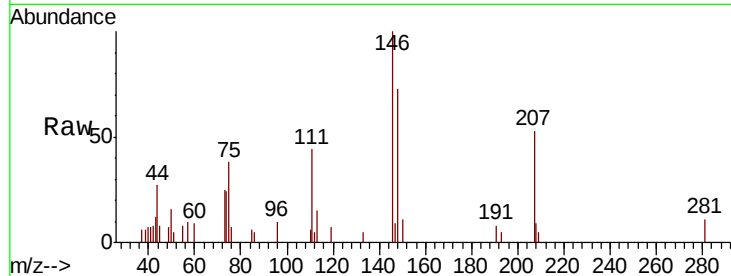




#87
 1,3-Dichlorobenzene
 Concen: 0.804 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059251.D
 Acq: 15 Nov 2019 9:50

Instrument :
 MSVOA_N
 ClientSampled :
 S36-0163DL

Tot Ion:146 Resp: 5628
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.3
 148 66.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 5.664 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059251.D
 Acq: 15 Nov 2019 9:50

Tgt Ion:146 Resp: 39646
 Ion Ratio Lower Upper
 146 100
 111 45.7 20.3 60.9
 148 66.5 31.9 95.7

