

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059255.D
 Acq On : 15 Nov 2019 11:18
 Operator : JC/SP
 Sample : K5842-04DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S36-0163DL

Quant Time: Nov 16 00:38:27 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	7.65	168	439041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	676241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	587895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211125	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	274972	50.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.90%	
35) Dibromofluoromethane	7.57	113	214714	53.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.36%	
50) Toluene-d8	10.08	98	835745	52.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.40	95	267824	46.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.40%	

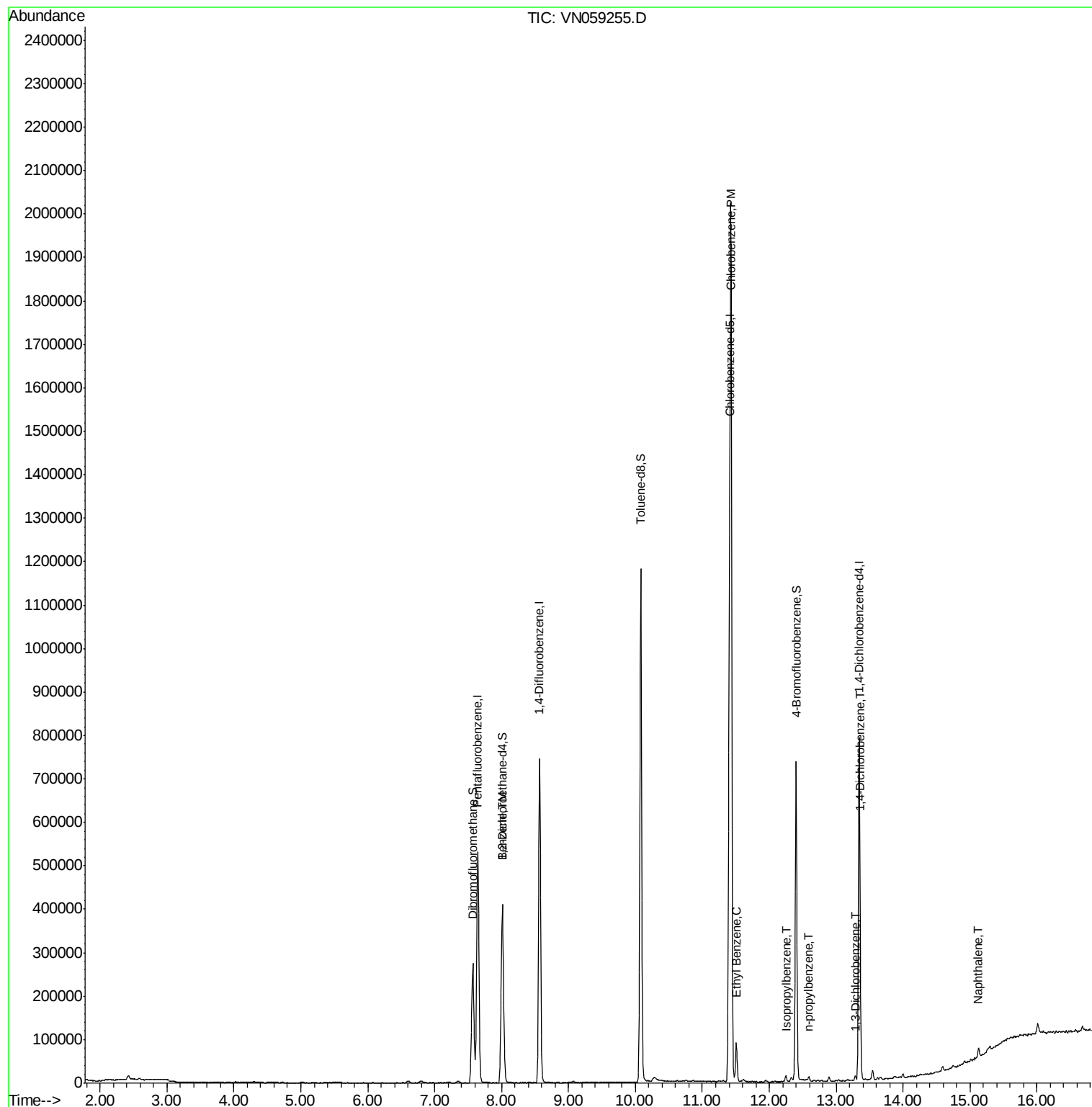
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.02	78	141734	7.446	ug/l	99
65) Chlorobenzene	11.43	112	1081774	94.393	ug/l	99
67) Ethyl Benzene	11.51	91	65835	3.238	ug/l	98
73) Isopropylbenzene	12.25	105	8765	0.571	ug/l	98
78) n-propylbenzene	12.59	91	9579	0.545	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	4156	0.629	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	21162	3.201	ug/l	90
95) Naphthalene	15.13	128	16025	4.420	ug/l	97

(#) = 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: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

Instrument :

MSVOA_N

ClientSampled :

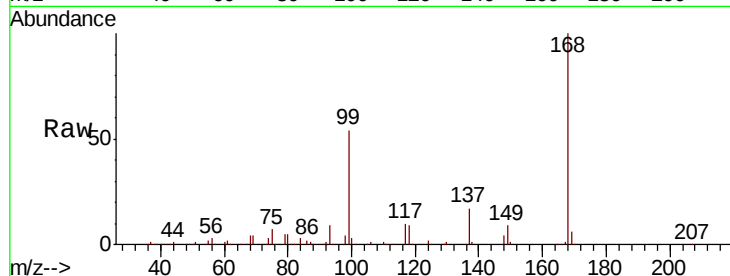
S36-0163DL

Tot Ion:168 Resp: 439041

Ion Ratio Lower Upper

168 100

99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

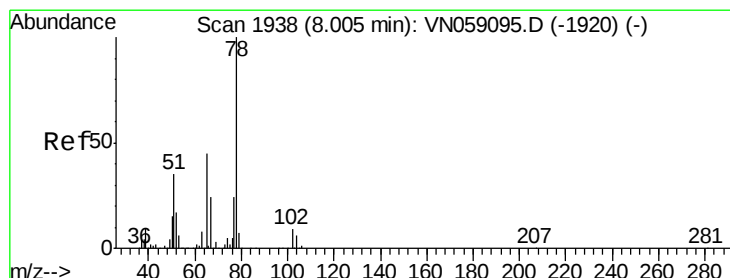
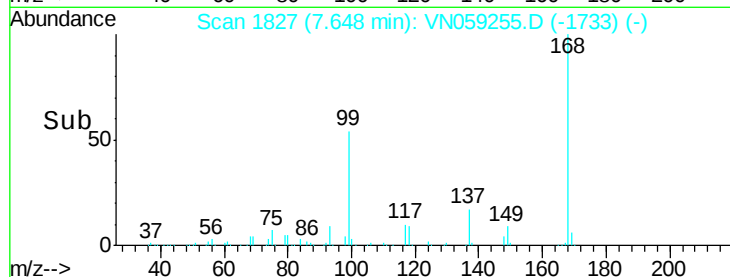
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.950 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059255.D

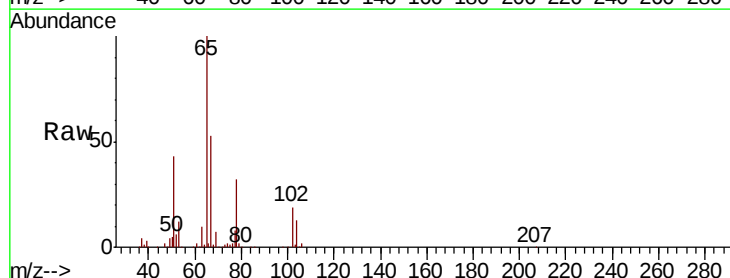
Acq: 15 Nov 2019 11:18

Tgt Ion: 65 Resp: 274972

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

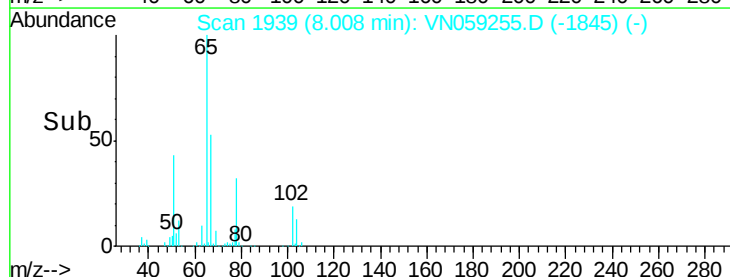
8.01

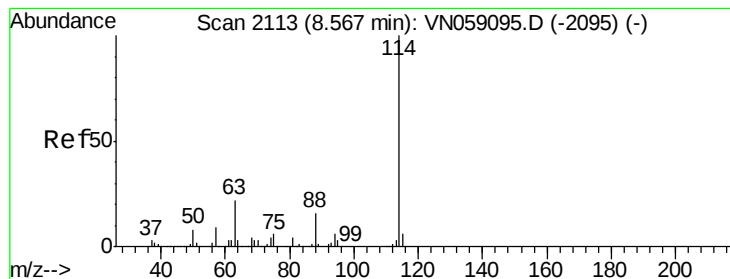
100000

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: VN059255.D

Acq: 15 Nov 2019 11:18

Instrument :

MSVOA_N

ClientSampled :

S36-0163DL

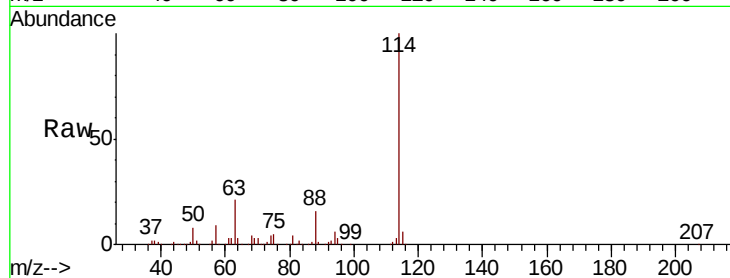
Tot Ion:114 Resp: 676241

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

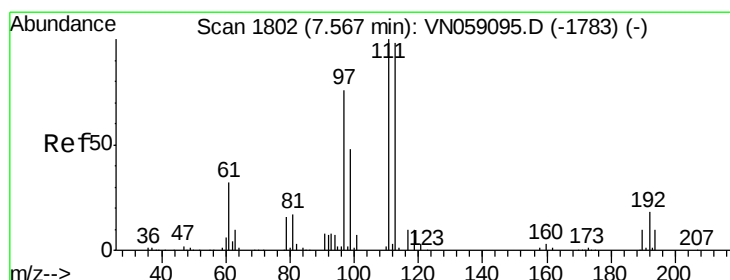
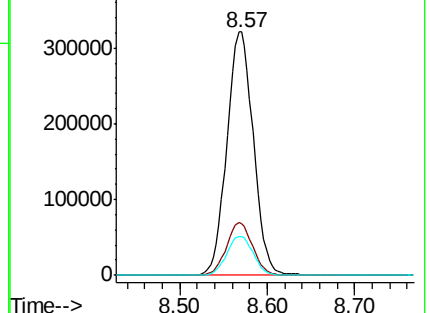
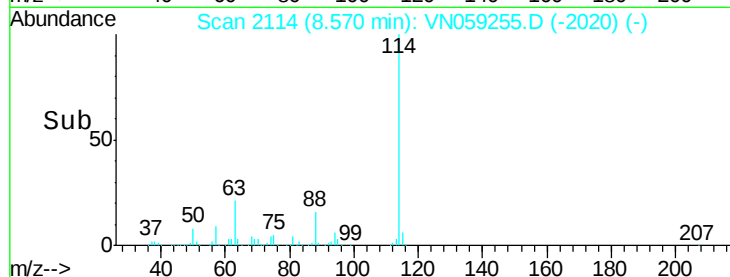
88 16.1 0.0 32.2



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: 53.176 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

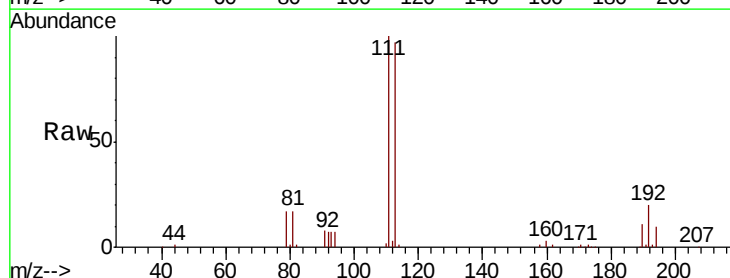
Tgt Ion:113 Resp: 214714

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

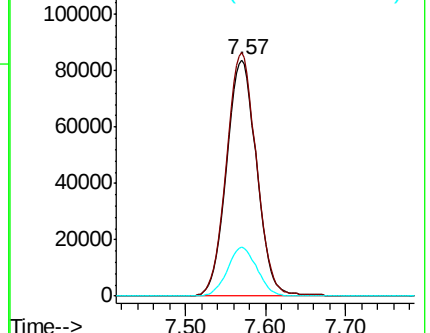
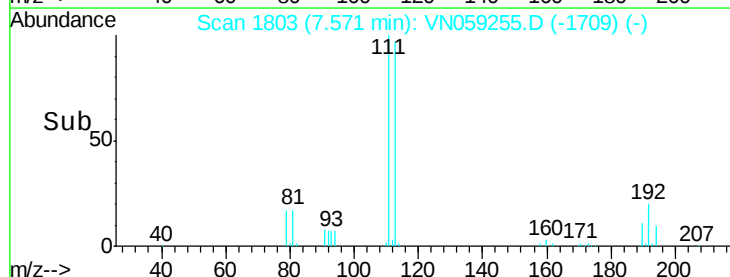
192 20.3 16.1 24.1

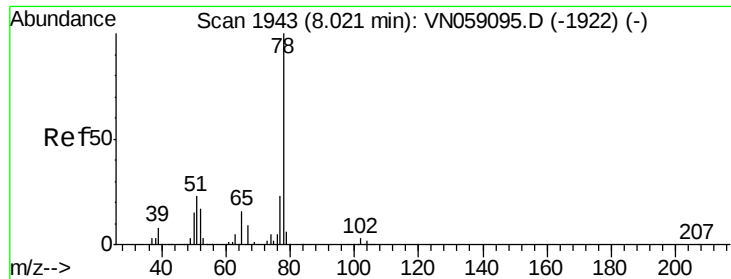


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 7.446 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

Instrument :

MSVOA_N

ClientSampled :

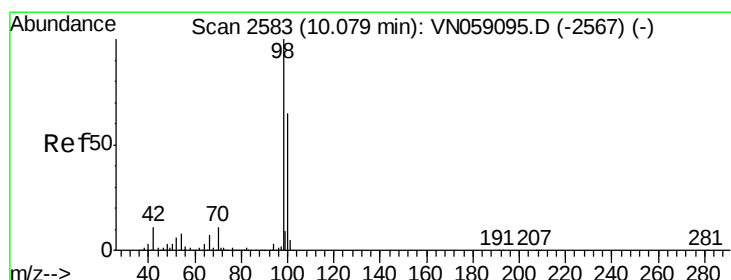
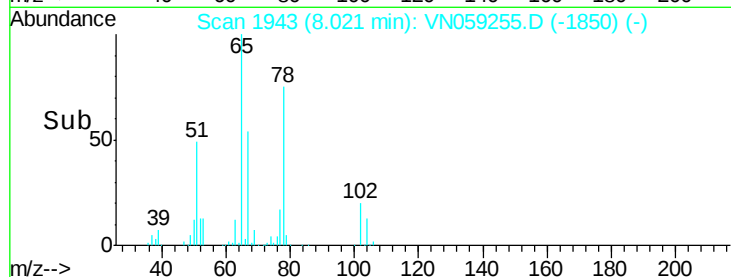
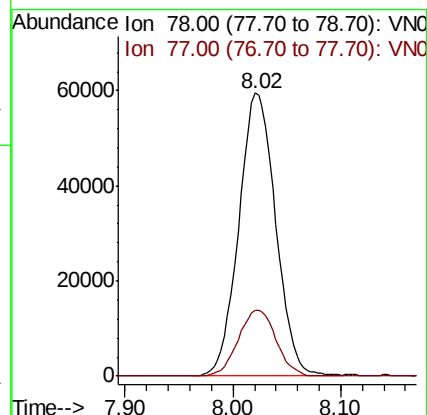
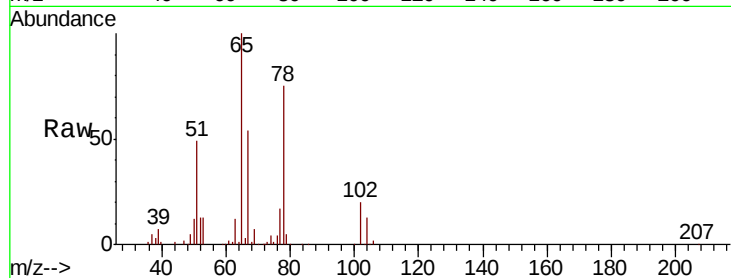
S36-0163DL

Tot Ion: 78 Resp: 141734

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2



#50

Toluene-d8

Concen: 52.547 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059255.D

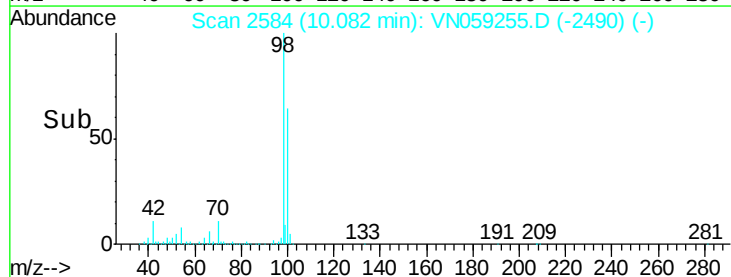
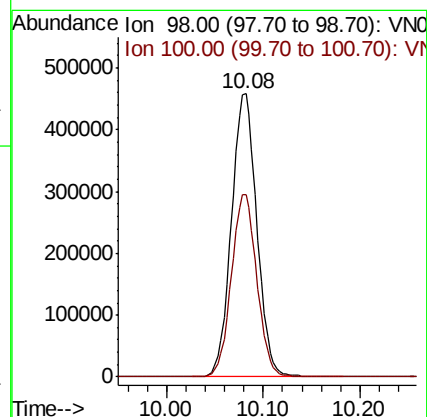
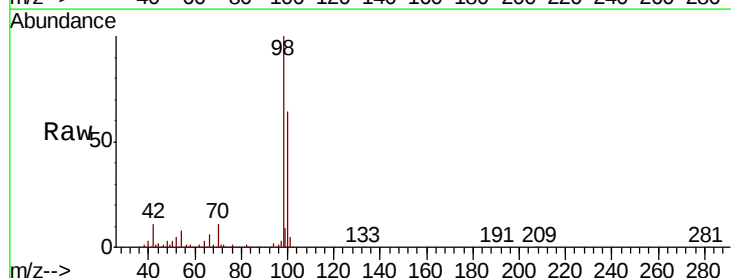
Acq: 15 Nov 2019 11:18

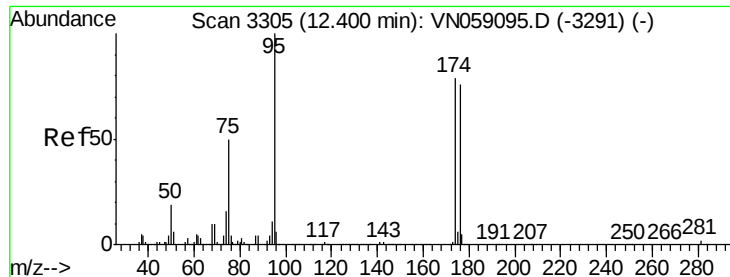
Tgt Ion: 98 Resp: 835745

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

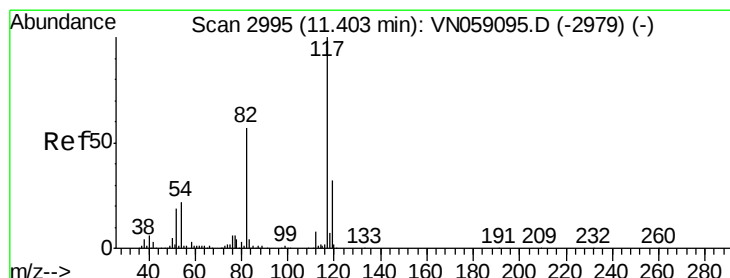
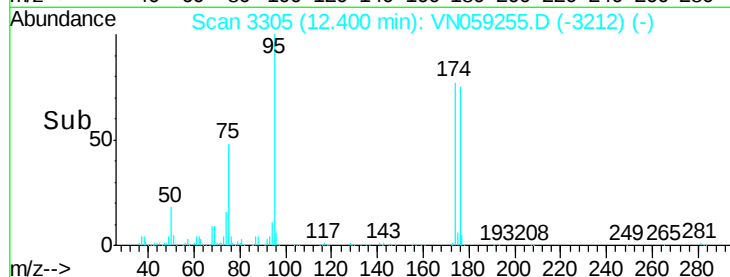
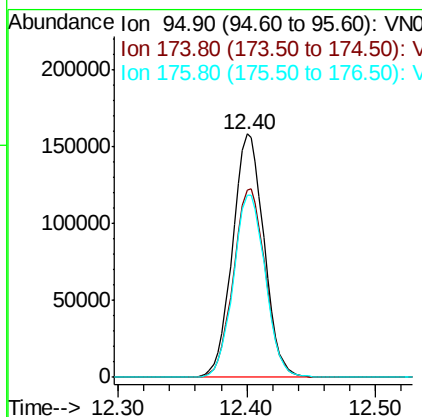
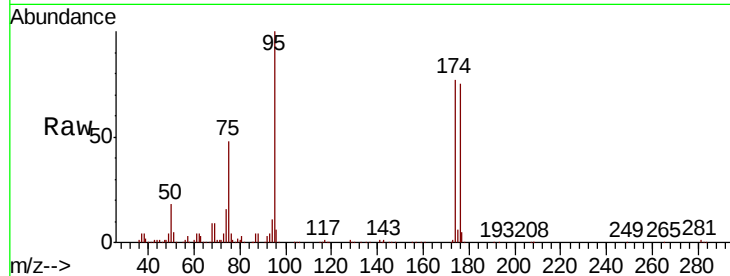




#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059255.D
Acq: 15 Nov 2019 11:18

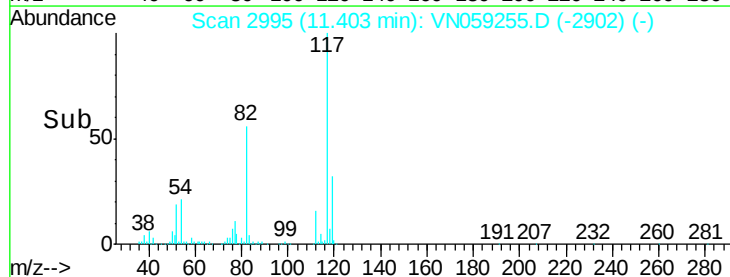
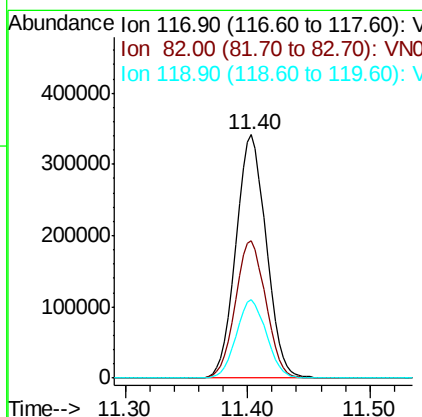
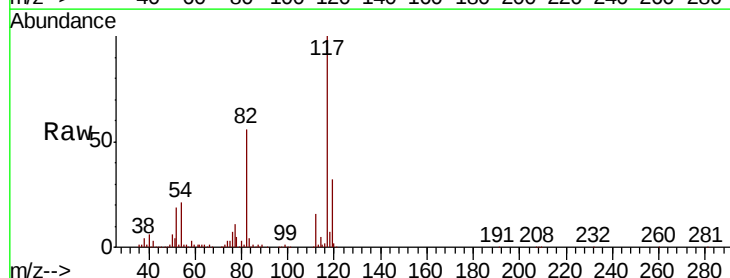
Instrument :
MSVOA_N
ClientSampled :
S36-0163DL

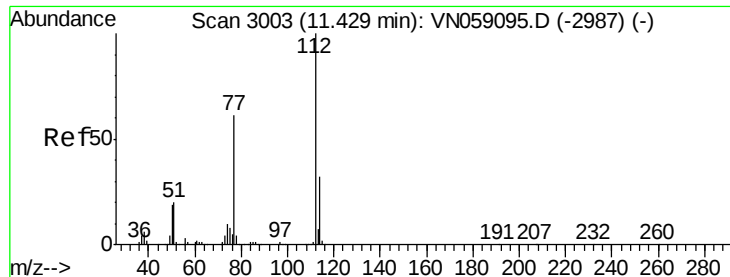
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	158.2
176	75.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059255.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.8	68.8
119	32.0	25.8	38.6





#65

Chlorobenzene

Concen: 94.393 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

Instrument :

MSVOA_N

ClientSampled :

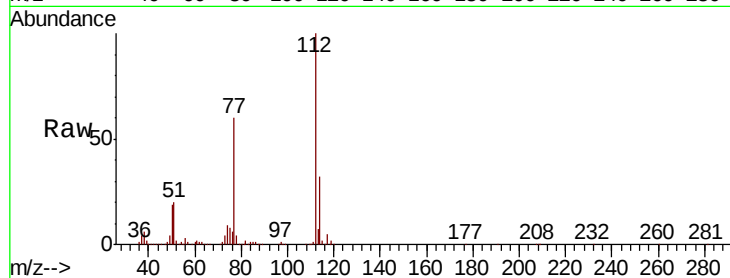
S36-0163DL

Tot Ion:112 Resp: 1081774

Ion Ratio Lower Upper

112 100

114 31.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

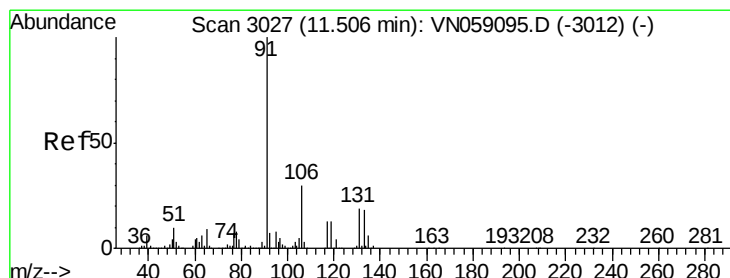
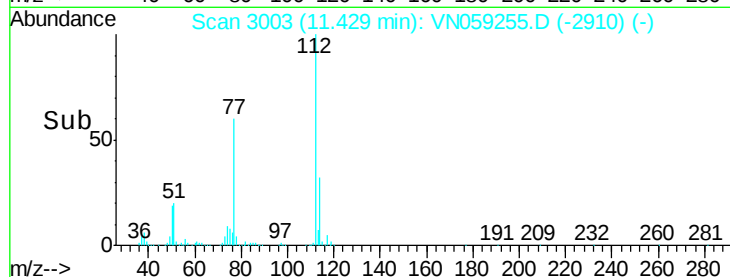
600000

400000

200000

0

Time-->



#67

Ethyl Benzene

Concen: 3.238 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059255.D

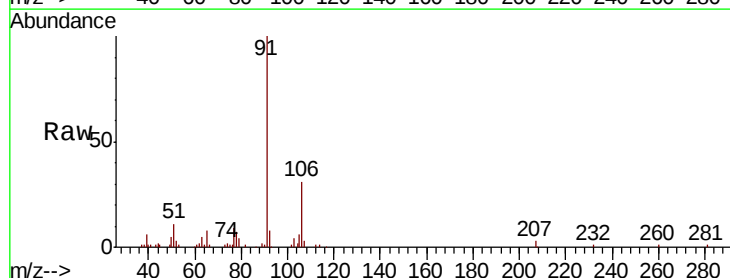
Acq: 15 Nov 2019 11:18

Tgt Ion: 91 Resp: 65835

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

11.51

40000

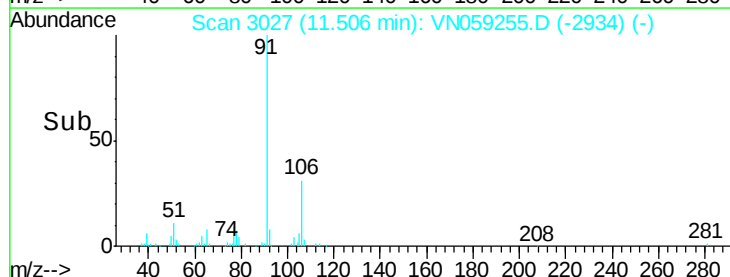
30000

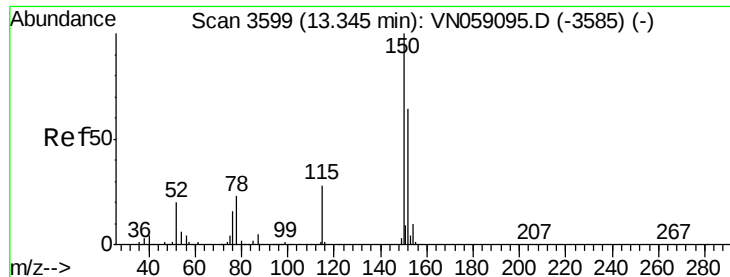
20000

10000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

Instrument :

MSVOA_N

ClientSampled :

S36-0163DL

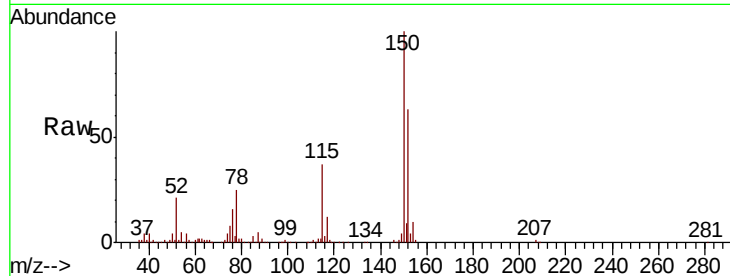
Tot Ion:152 Resp: 211125

Ion Ratio Lower Upper

152 100

115 59.5 29.4 88.2

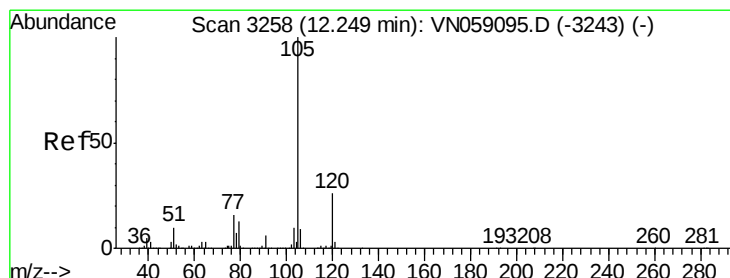
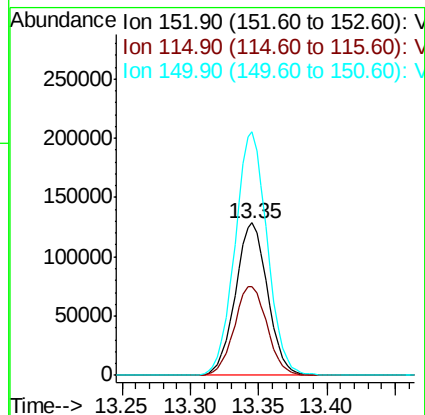
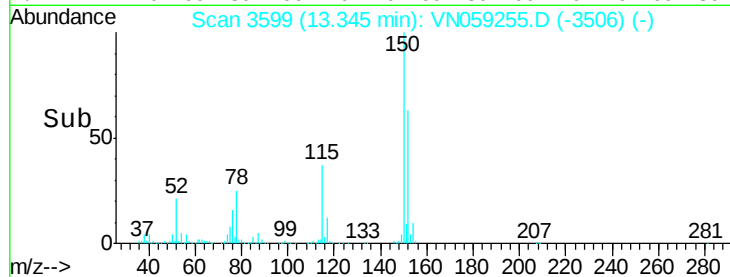
150 160.0 0.0 345.8



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: 0.571 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059255.D

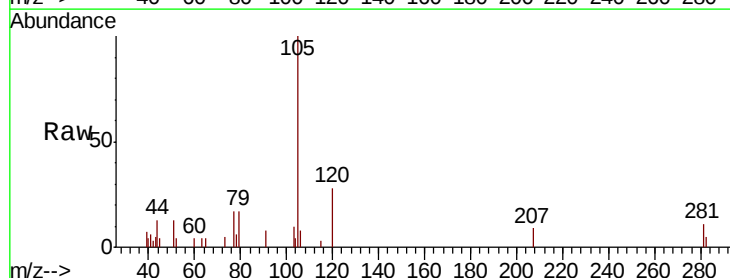
Acq: 15 Nov 2019 11:18

Tgt Ion:105 Resp: 8765

Ion Ratio Lower Upper

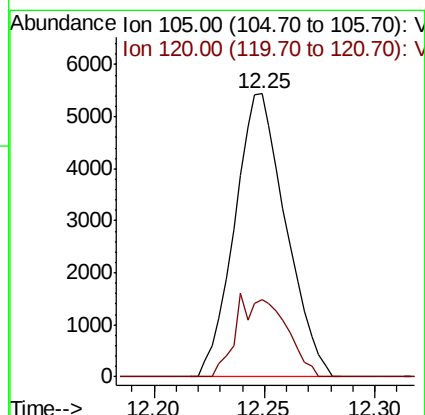
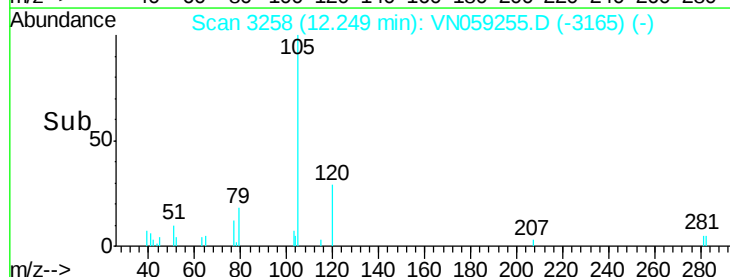
105 100

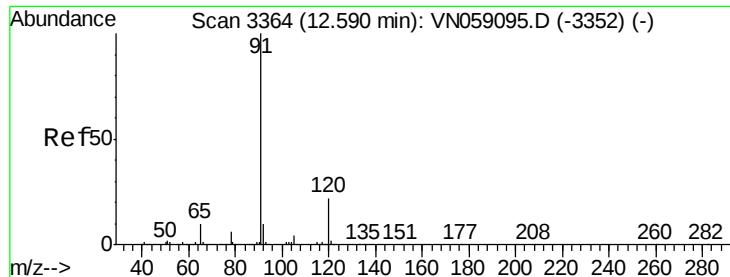
120 27.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.545 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

Instrument :

MSVOA_N

ClientSampled :

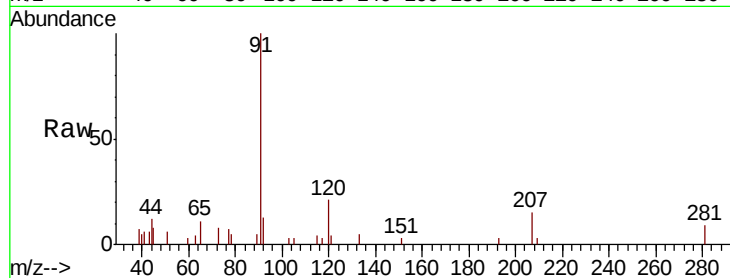
S36-0163DL

Tot Ion: 91 Resp: 9579

Ion Ratio Lower Upper

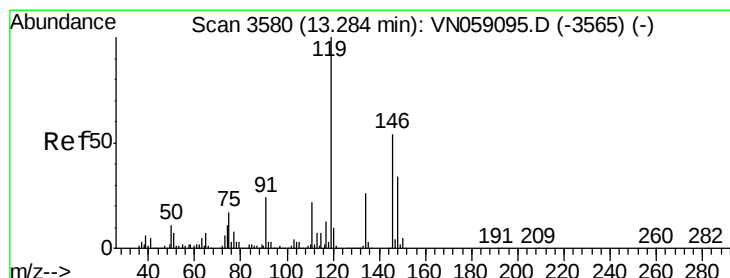
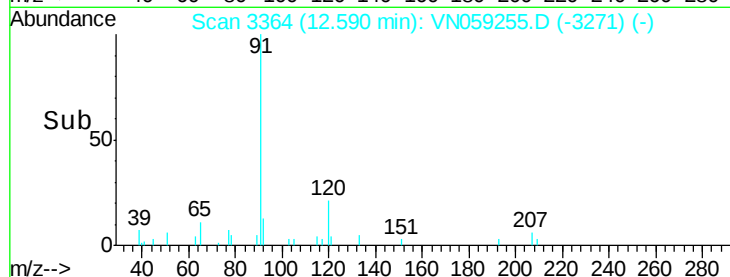
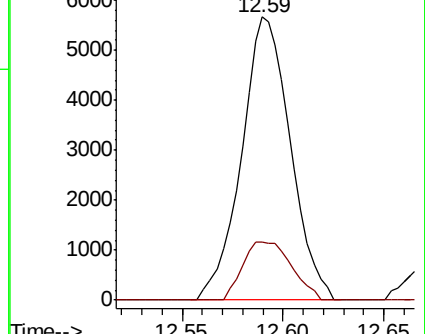
91 100

120 20.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN059095.D (-3352) (-)



#87

1,3-Dichlorobenzene

Concen: 0.629 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059255.D

Acq: 15 Nov 2019 11:18

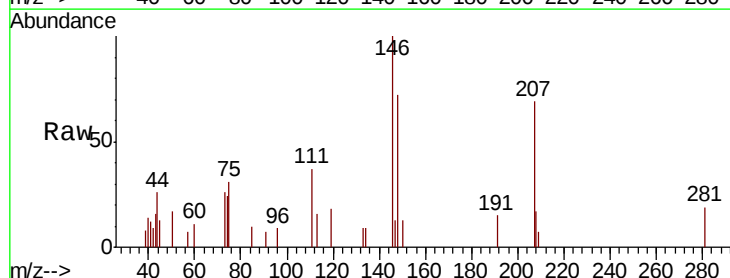
Tgt Ion: 146 Resp: 4156

Ion Ratio Lower Upper

146 100

111 37.9 20.4 61.3

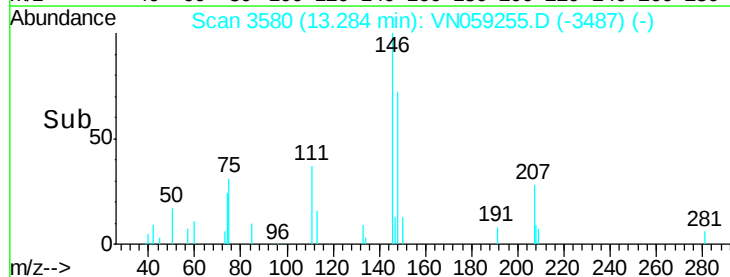
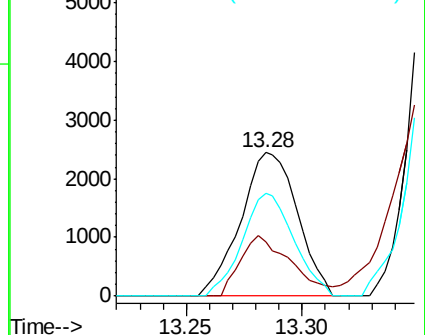
148 65.0 32.2 96.6

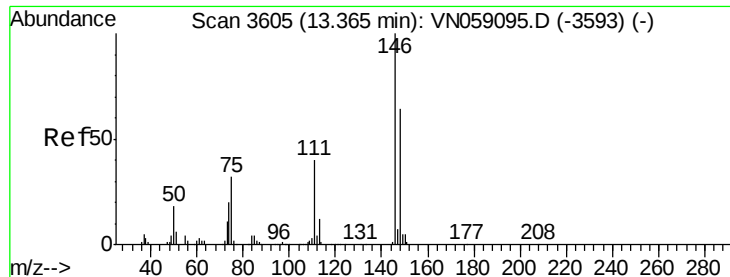


Abundance Ion 145.90 (145.60 to 146.60): VN059095.D (-3565) (-)

Ion 110.90 (110.60 to 111.60): VN059095.D (-3565) (-)

Ion 147.90 (147.60 to 148.60): VN059095.D (-3565) (-)

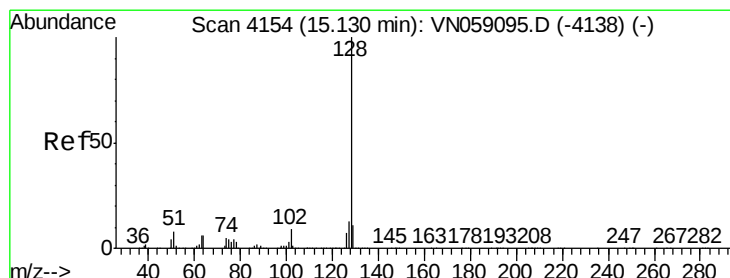
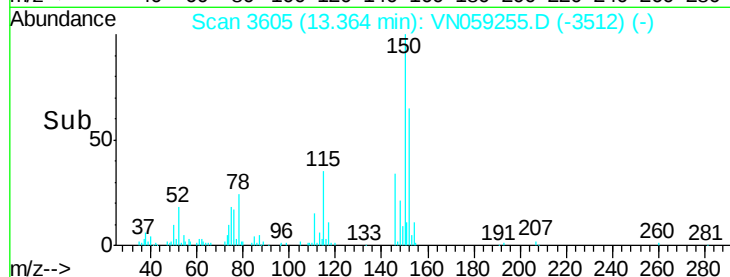
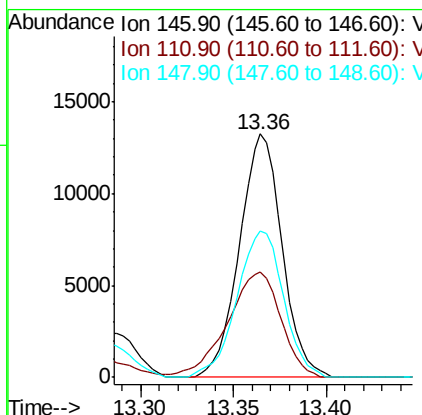
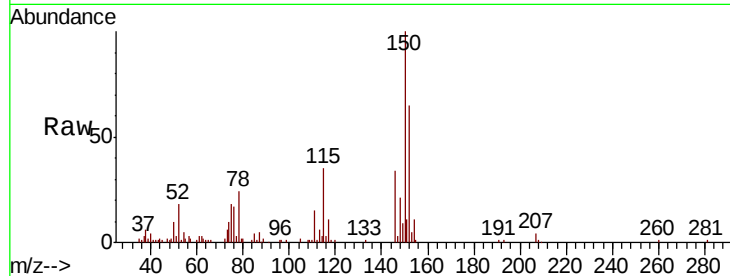




#88
 1,4-Dichlorobenzene
 Concen: 3.201 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059255.D
 Acq: 15 Nov 2019 11:18

Instrument :
 MSVOA_N
 ClientSampleID :
 S36-0163DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	54.4	20.3	60.9
148	66.0	31.9	95.7



#95
 Naphthalene
 Concen: 4.420 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059255.D
 Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.2	15.2
129	10.9	8.6	12.8

