

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085063.D
 Acq On : 02 Dec 2024 11:06
 Operator : JC\MD
 Sample : VN1202MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBL01

Quant Time: Dec 03 00:46:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

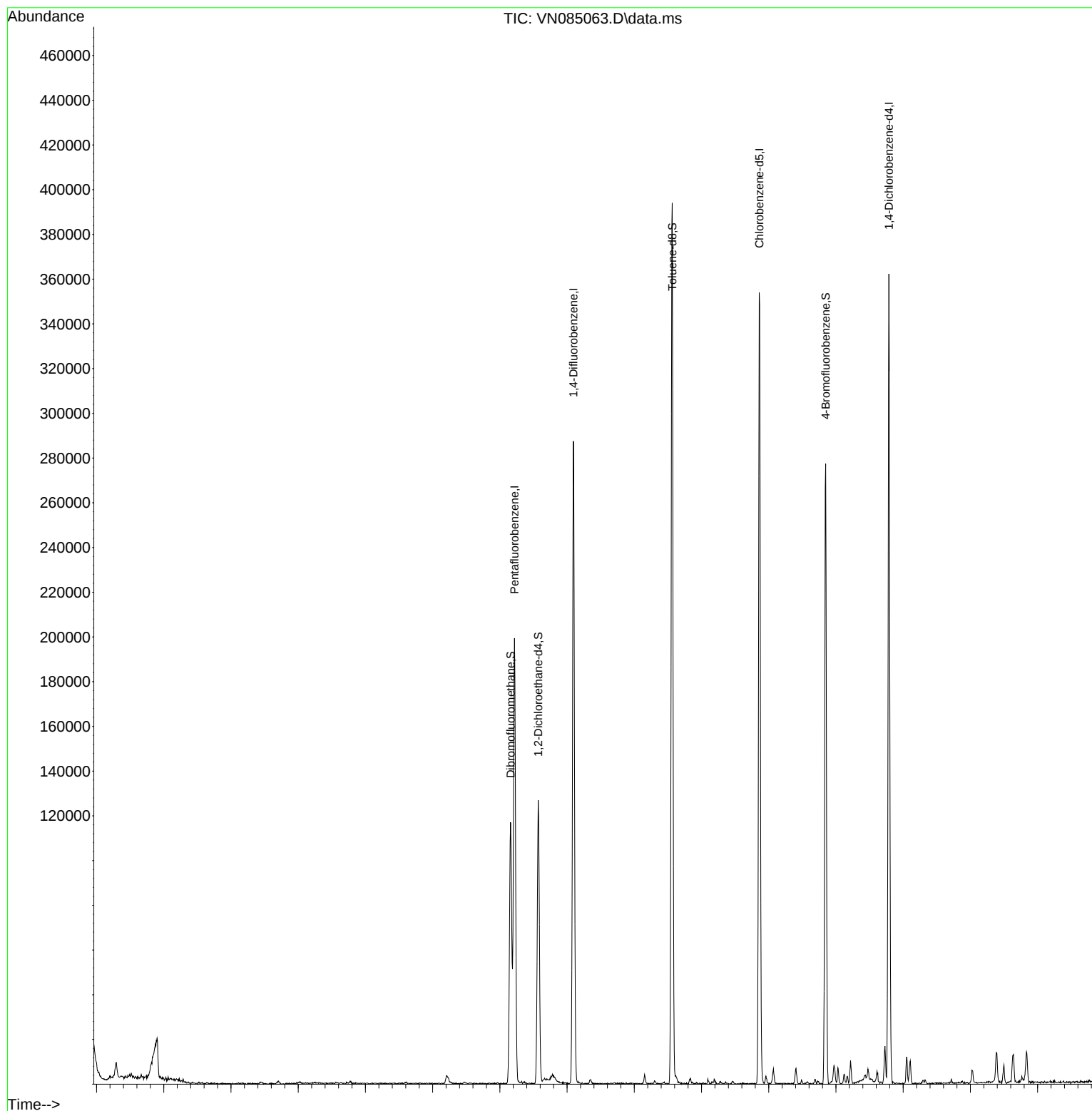
Internal Standards						
1) Pentafluorobenzene	8.218	168	143404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	243136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	209124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	103656	50.745	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.159	113	85527	52.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.565	98	278267	47.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.720%			
62) 4-Bromofluorobenzene	12.847	95	102454	46.624	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.240%			
Target Compounds						
					Qvalue	
77) Bromobenzene	12.976	156	1980	1.084	ug/l	91
82) 4-Chlorotoluene	13.218	91	6131	1.127	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	5353	1.486	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	7549	2.053	ug/l	87
89) n-Butylbenzene	14.053	91	6743	1.327	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	5025	1.456	ug/l	95
93) 1,2,4-Trichlorobenzene	15.382	180	5433	2.897	ug/l	97
95) Naphthalene	15.635	128	14794	2.770	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	6372	3.561	ug/l	95

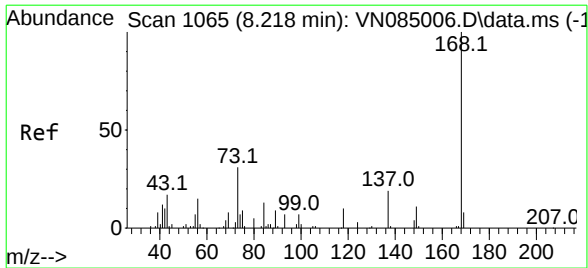
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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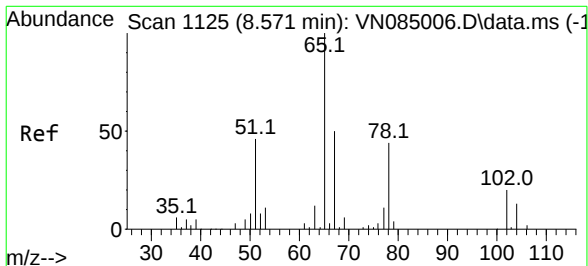
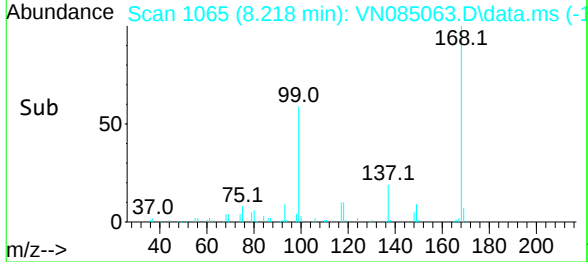
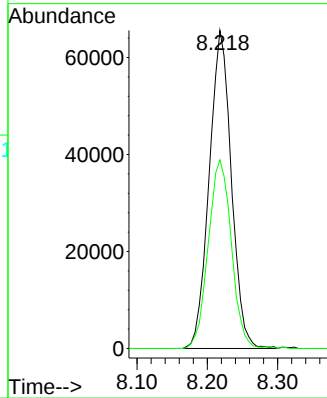
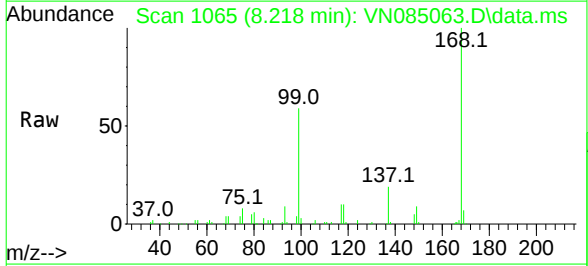




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

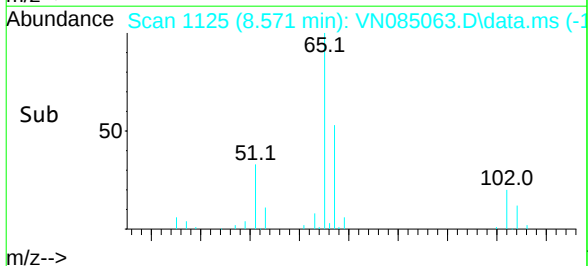
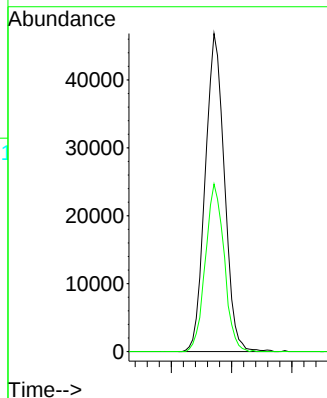
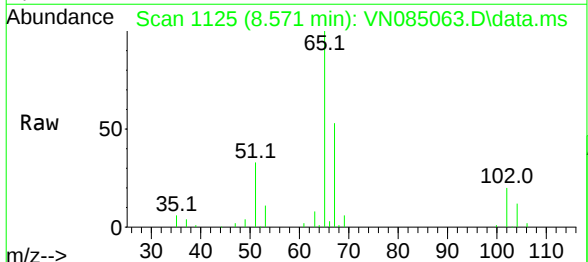
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBL01

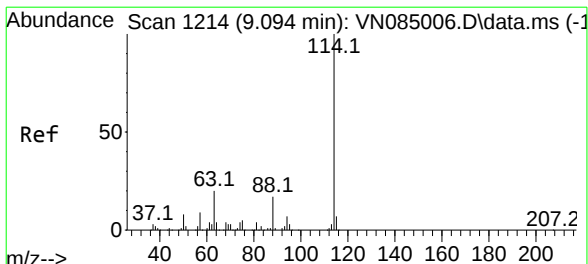
Tgt Ion:168 Resp: 143404
Ion Ratio Lower Upper
168 100
99 59.3 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 50.745 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

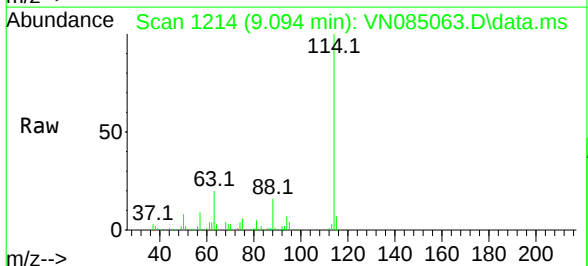
Tgt Ion: 65 Resp: 103656
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0



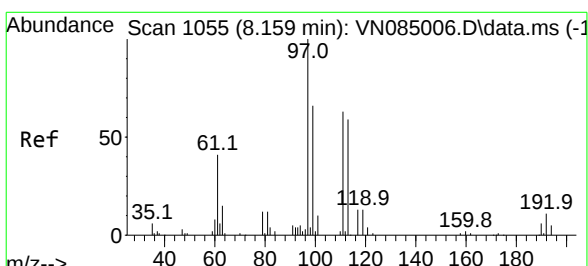
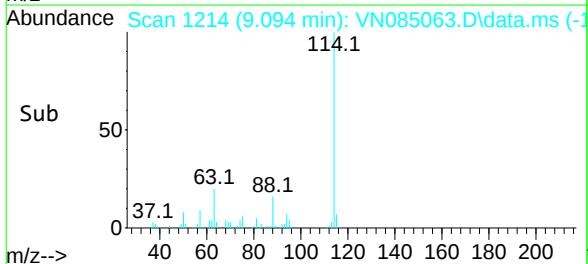
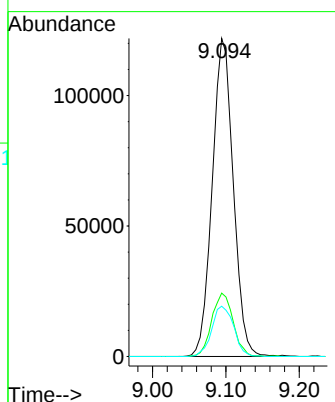


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085063.D
 Acq: 02 Dec 2024 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBL01

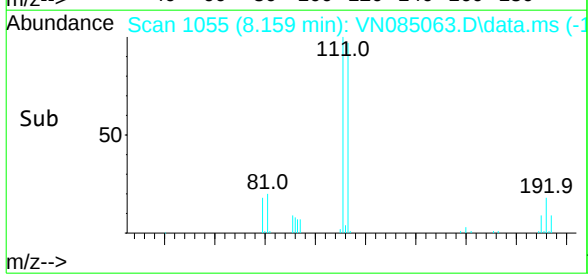
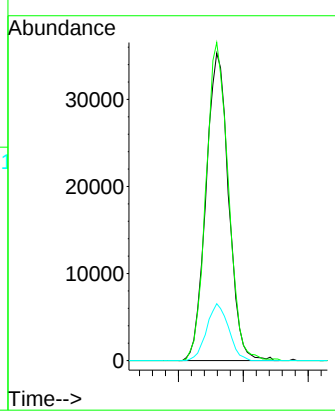
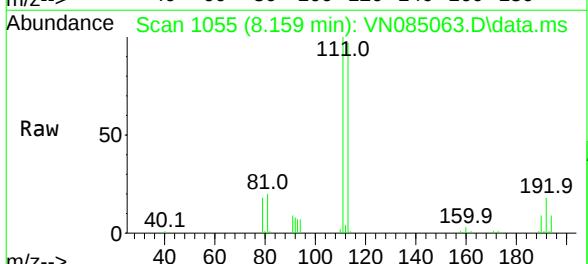


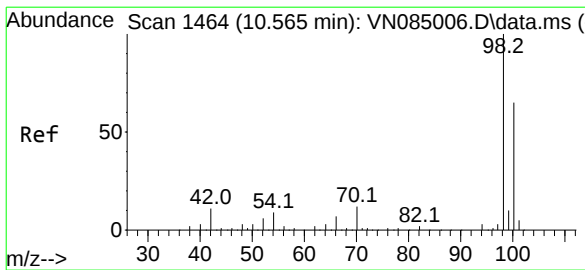
Tgt Ion:	114	Resp:	243136
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.0
88	15.8	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 52.162 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085063.D
 Acq: 02 Dec 2024 11:06

Tgt Ion:	113	Resp:	85527
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	17.9	14.8	22.2





#50

Toluene-d8

Concen: 47.356 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085063.D

Acq: 02 Dec 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

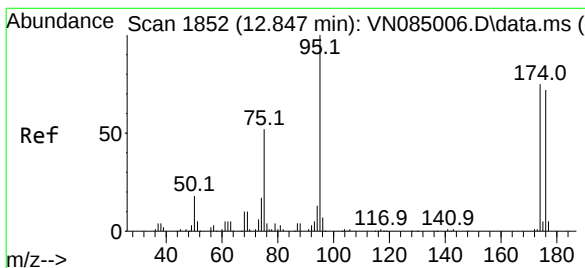
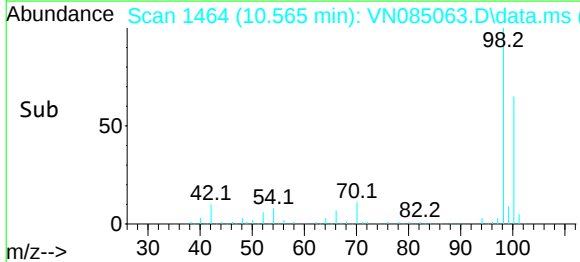
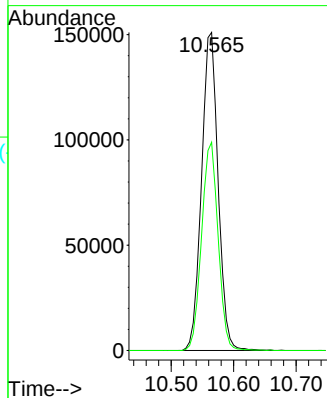
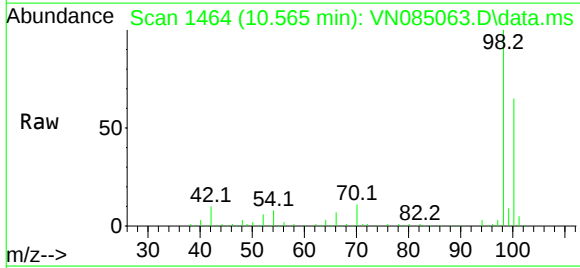
VN1202MBL01

Tgt Ion: 98 Resp: 278267

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.624 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085063.D

Acq: 02 Dec 2024 11:06

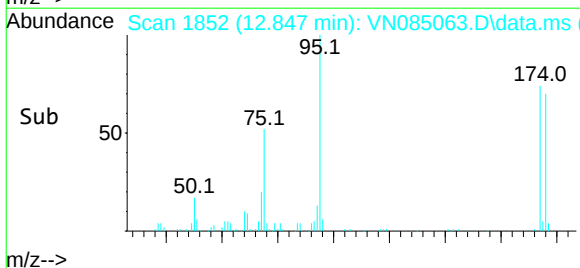
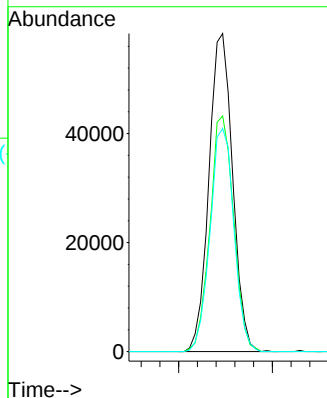
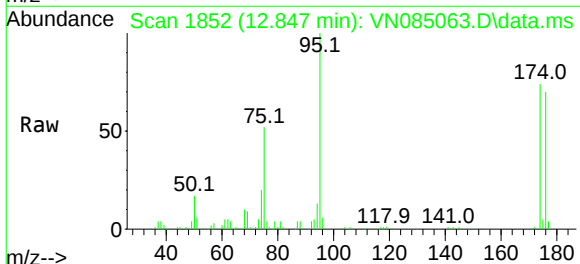
Tgt Ion: 95 Resp: 102454

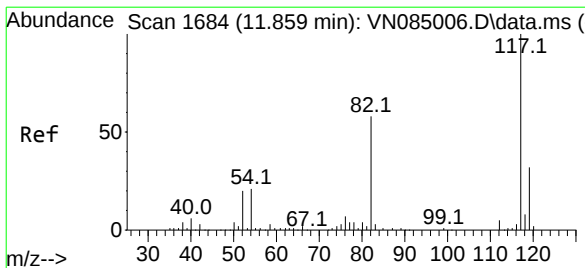
Ion Ratio Lower Upper

95 100

174 74.1 0.0 146.6

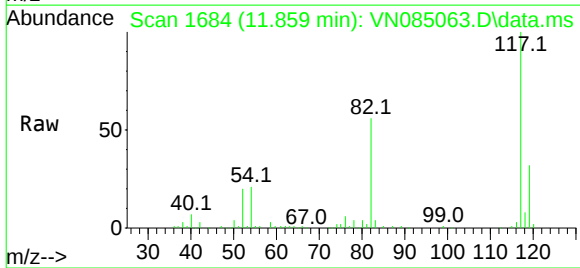
176 70.6 0.0 141.8



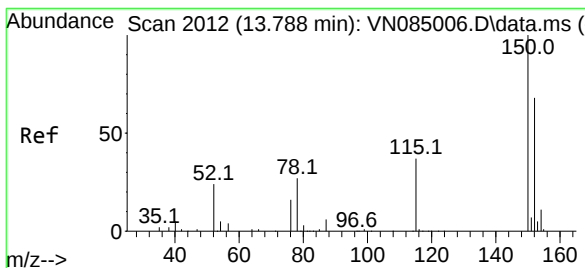
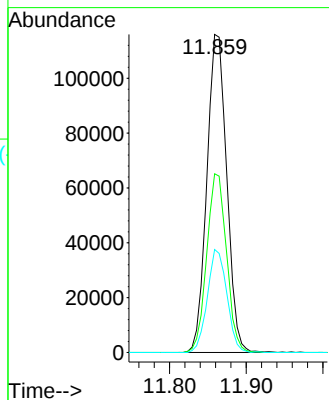
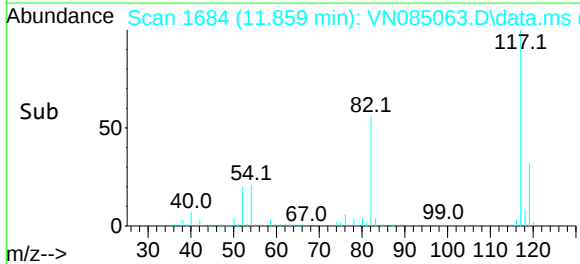


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

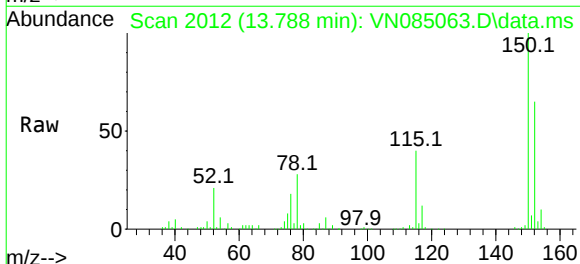
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBL01



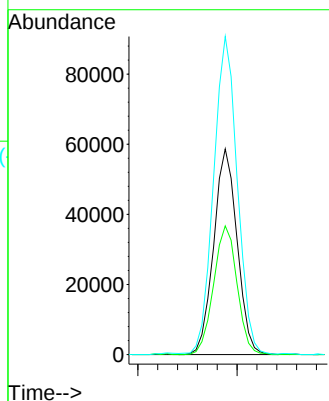
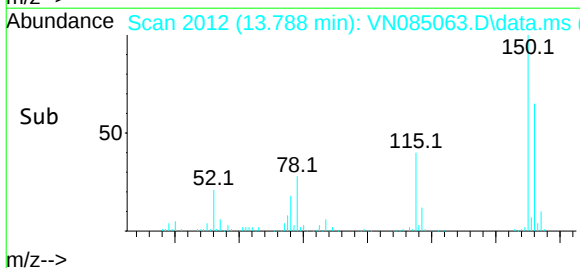
Tgt Ion:117 Resp: 209124
Ion Ratio Lower Upper
117 100
82 56.2 46.0 69.0
119 32.4 25.6 38.4

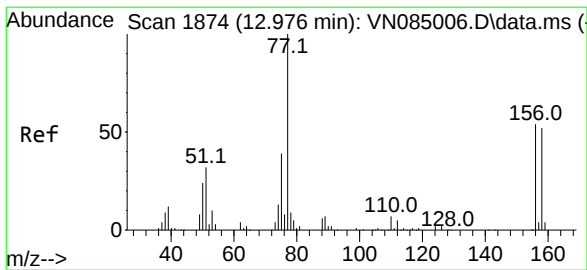


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06



Tgt Ion:152 Resp: 96211
Ion Ratio Lower Upper
152 100
115 62.5 31.7 95.1
150 155.8 0.0 351.4





#77

Bromobenzene

Concen: 1.084 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085063.D

Acq: 02 Dec 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBL01

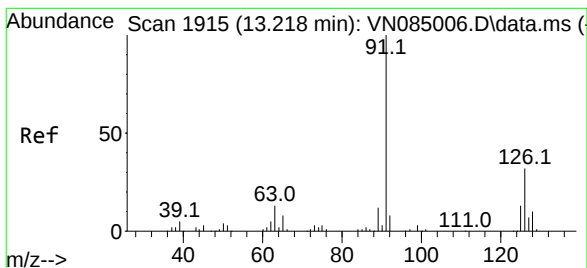
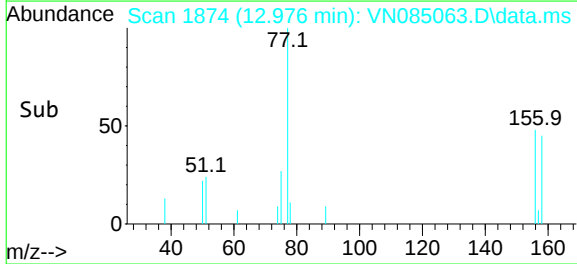
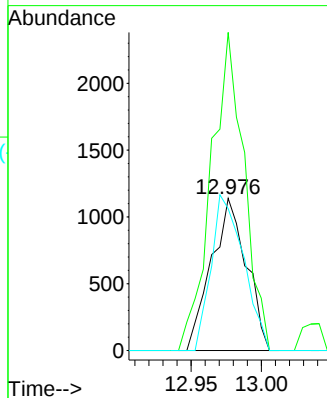
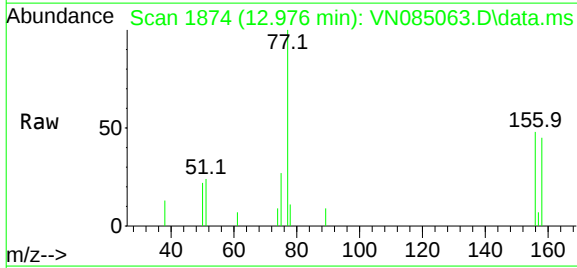
Tgt Ion:156 Resp: 1980

Ion Ratio Lower Upper

156 100

77 196.1 107.2 321.6

158 94.3 48.5 145.6



#82

4-Chlorotoluene

Concen: 1.127 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN085063.D

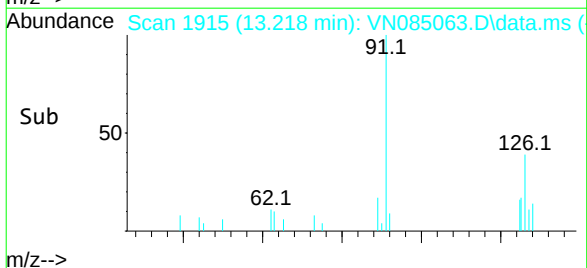
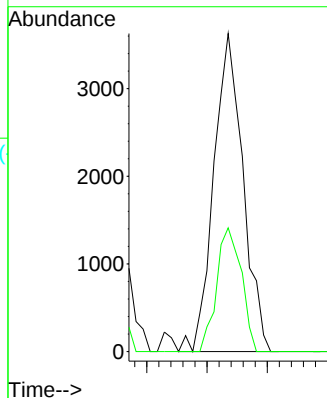
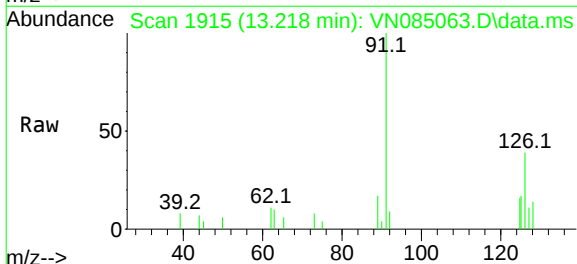
Acq: 02 Dec 2024 11:06

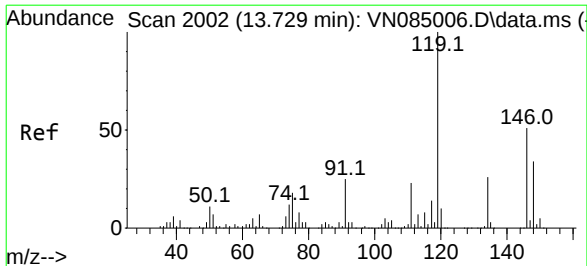
Tgt Ion: 91 Resp: 6131

Ion Ratio Lower Upper

91 100

126 32.8 16.1 48.3





#87

1,3-Dichlorobenzene

Concen: 1.486 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085063.D

Acq: 02 Dec 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBL01

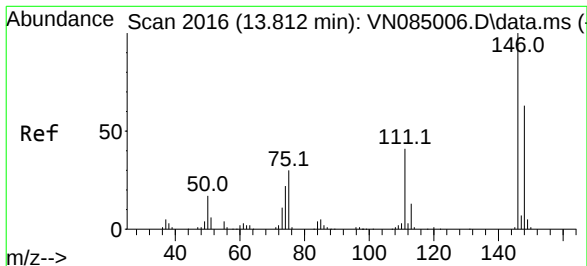
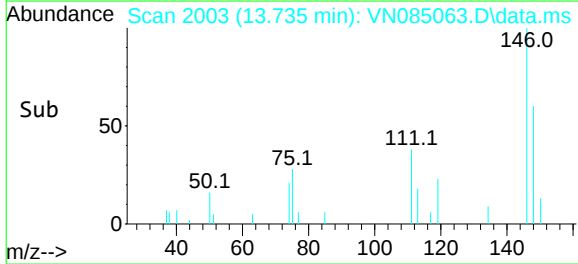
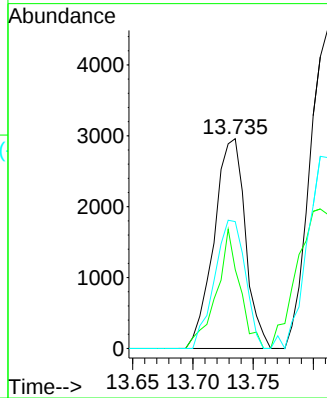
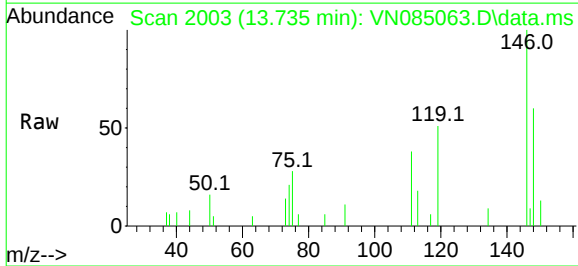
Tgt Ion:146 Resp: 5353

Ion Ratio Lower Upper

146 100

111 42.3 21.6 65.0

148 59.9 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 2.053 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085063.D

Acq: 02 Dec 2024 11:06

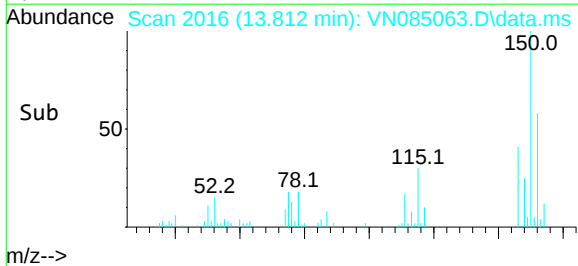
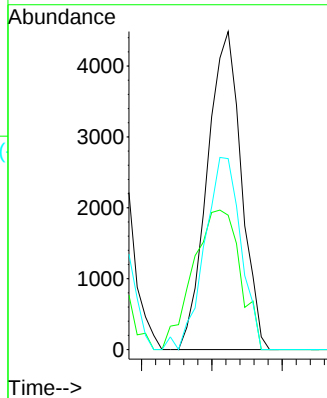
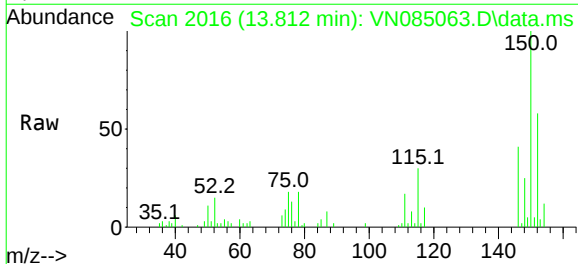
Tgt Ion:146 Resp: 7549

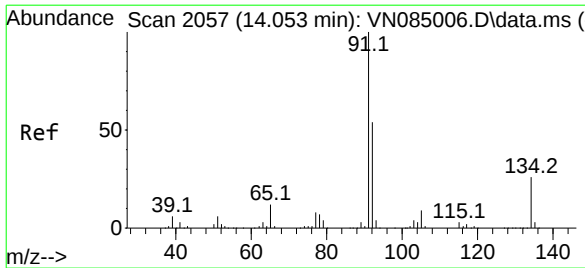
Ion Ratio Lower Upper

146 100

111 60.5 20.9 62.8

148 64.2 31.3 93.9

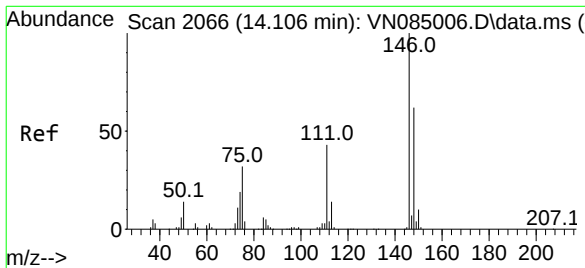
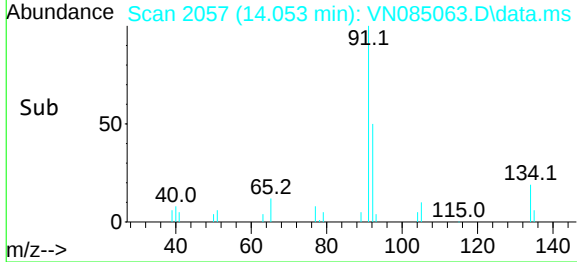
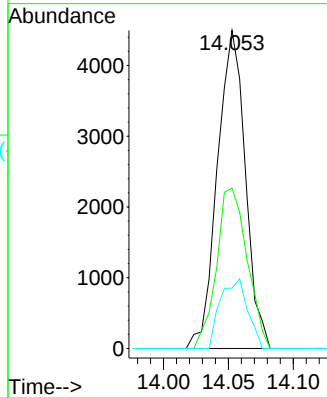
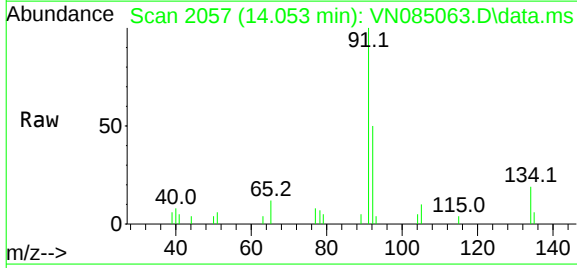




#89
n-Butylbenzene
Concen: 1.327 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

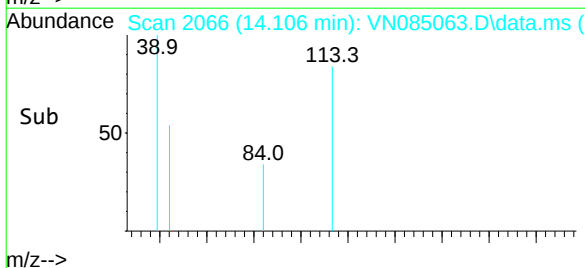
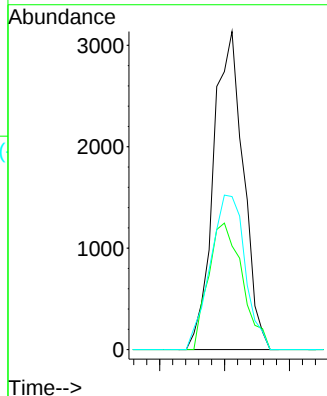
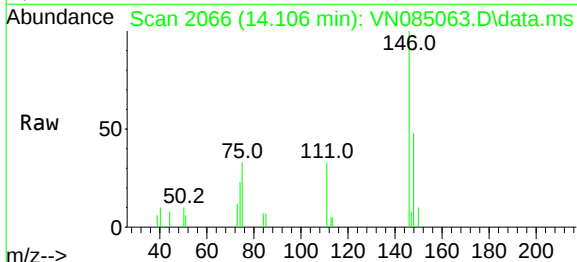
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBL01

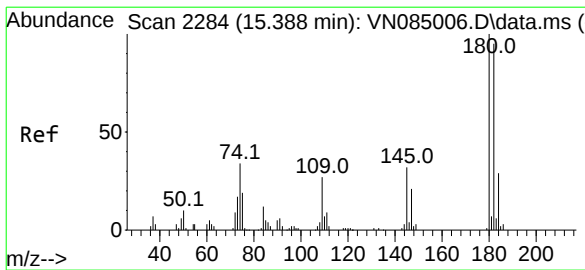
Tgt Ion:	91	Resp:	6743
Ion	Ratio	Lower	Upper
91	100		
92	55.2	26.8	80.3
134	21.3	12.8	38.4



#91
1,2-Dichlorobenzene
Concen: 1.456 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

Tgt Ion:	146	Resp:	5025
Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.9	65.8
148	56.4	31.1	93.2

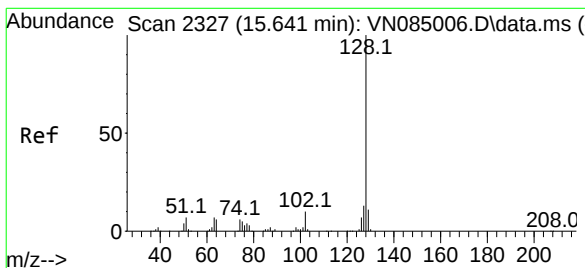
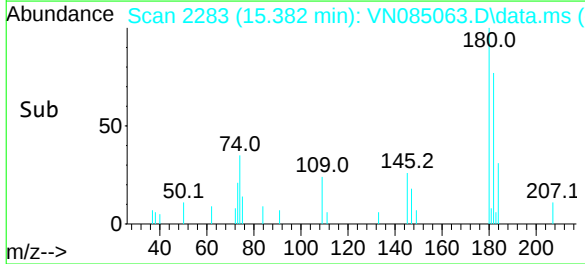
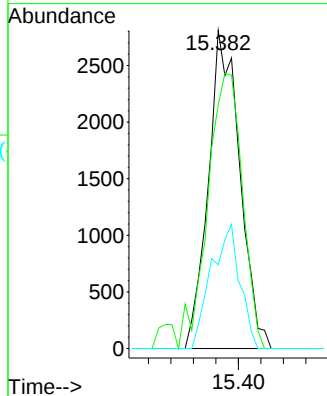
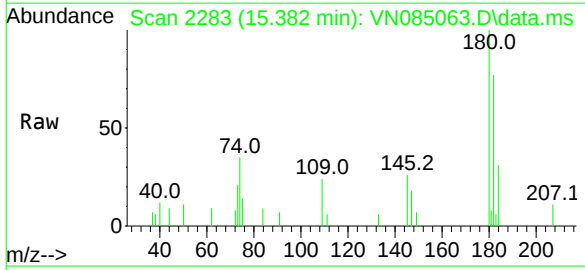




#93
1,2,4-Trichlorobenzene
Concen: 2.897 ug/l
RT: 15.382 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

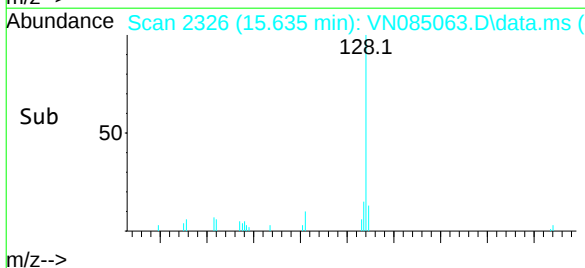
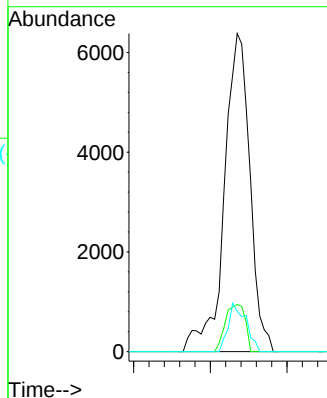
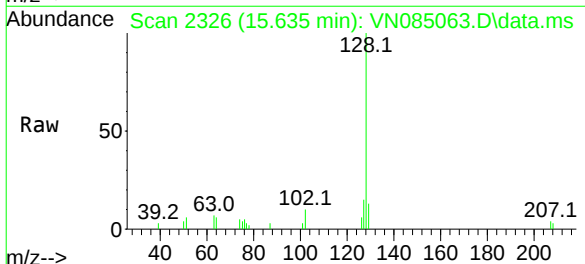
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBL01

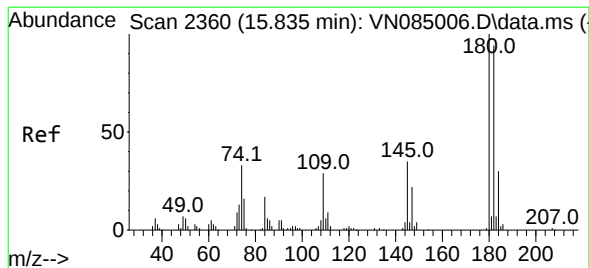
Tgt Ion:	180	Resp:	5433
Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.8
145	35.7	16.3	48.8



#95
Naphthalene
Concen: 2.770 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085063.D
Acq: 02 Dec 2024 11:06

Tgt Ion:	128	Resp:	14794
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.6	16.0
129	10.5	8.6	12.8





#96

1,2,3-Trichlorobenzene

Concen: 3.561 ug/l

RT: 15.835 min Scan# 23

Delta R.T. -0.000 min

Lab File: VN085063.D

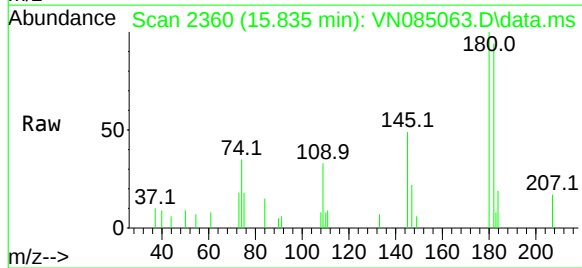
Acq: 02 Dec 2024 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBL01



Tgt Ion:	180	Resp:	6372
Ion Ratio	Lower	Upper	
180	100		
182	98.4	46.4	139.2
145	35.7	17.3	52.0

