

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084738.D
 Acq On : 08 Nov 2024 10:20
 Operator : JC\MD
 Sample : VN1108MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBL01

Quant Time: Nov 08 22:25:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	279091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112403	48.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.620%
35) Dibromofluoromethane	8.159	113	91482	48.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.565	98	315418	45.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.847	95	112616	43.301	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.600%

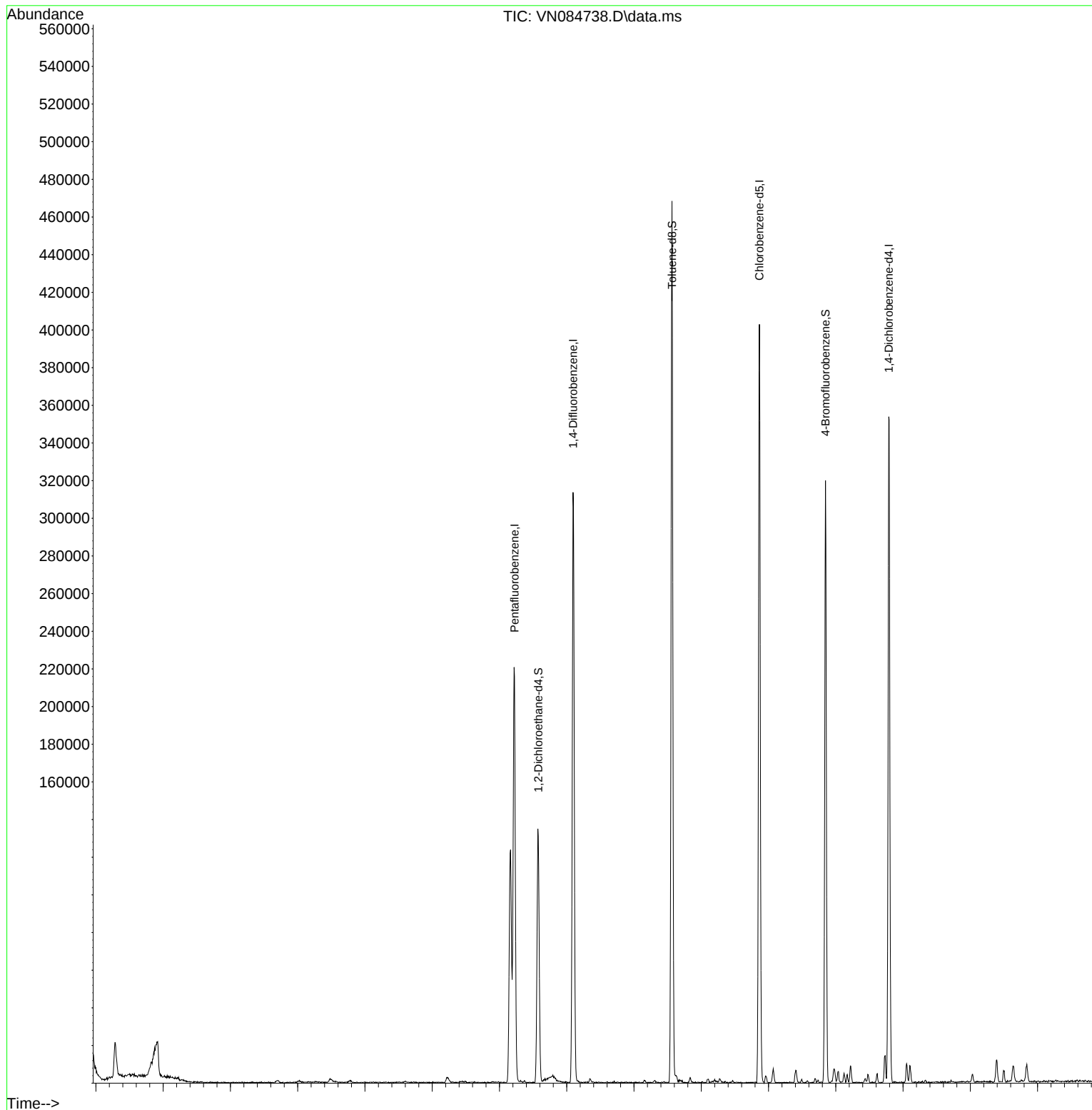
Target Compounds				Qvalue		
77) Bromobenzene	12.976	156	2303	1.250	ug/l	66
82) 4-Chlorotoluene	13.217	91	6361	1.152	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	5391	1.499	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	6726	1.196	ug/l	79
89) n-Butylbenzene	14.053	91	6153	1.208	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	3831	1.109	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	4883	2.582	ug/l	94
94) Hexachlorobutadiene	15.500	225	1411	1.699	ug/l	98
95) Naphthalene	15.641	128	10509	1.857	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	4447	2.422	ug/l	91

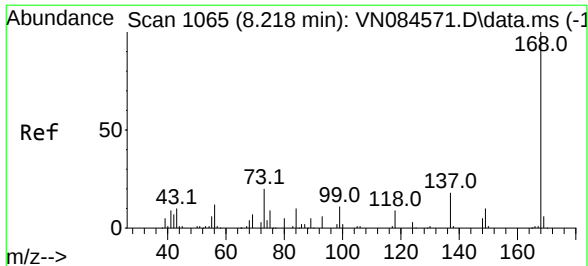
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
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VN1108MBL01

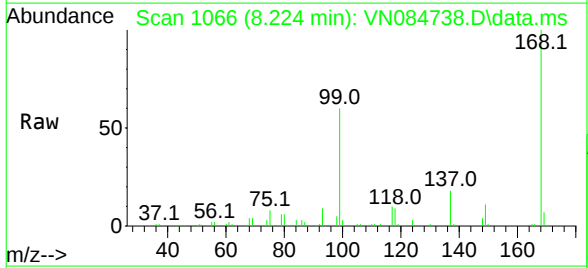
Quant Time: Nov 08 22:25:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



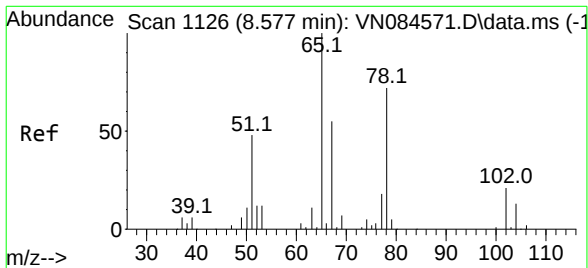
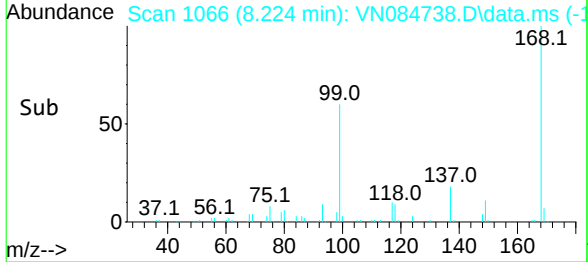
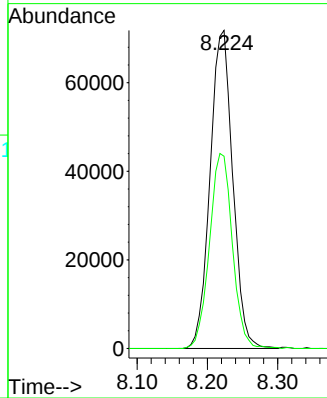


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084738.D
Acq: 08 Nov 2024 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1108MBL01

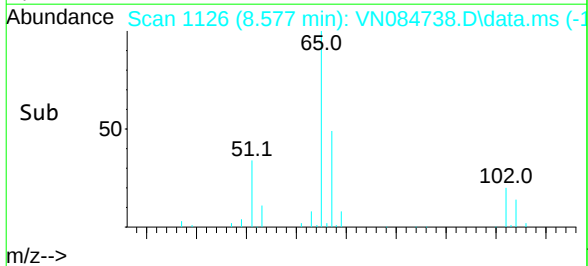
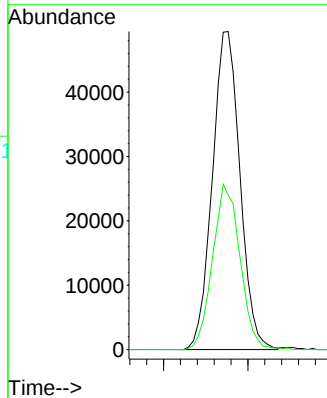
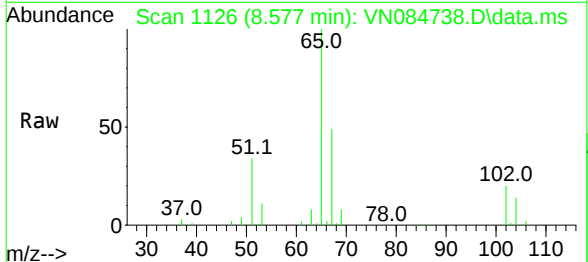


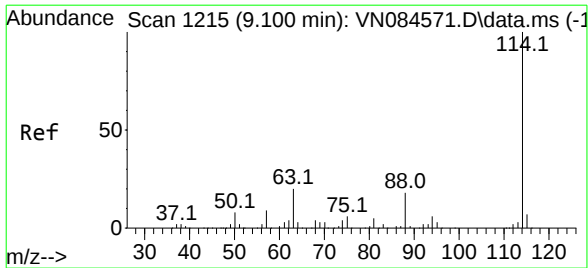
Tgt Ion:168 Resp: 161104
Ion Ratio Lower Upper
168 100
99 60.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.306 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084738.D
Acq: 08 Nov 2024 10:20

Tgt Ion: 65 Resp: 112403
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

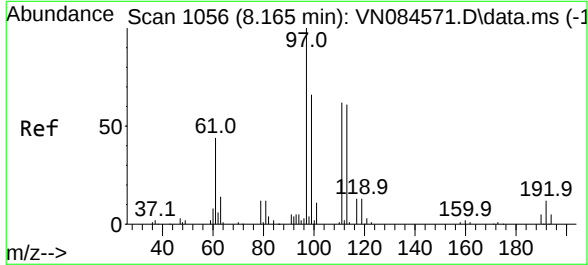
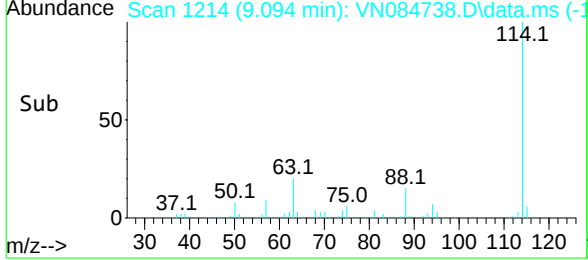
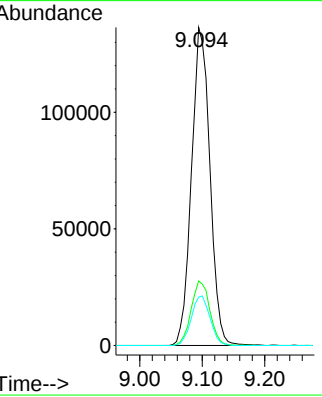
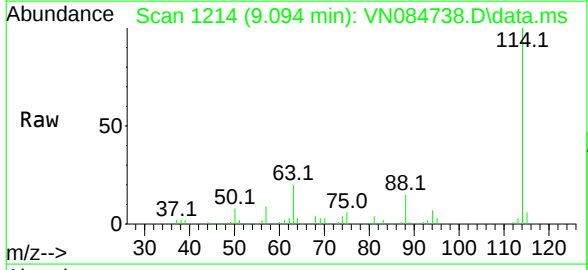




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084738.D
 Acq: 08 Nov 2024 10:20

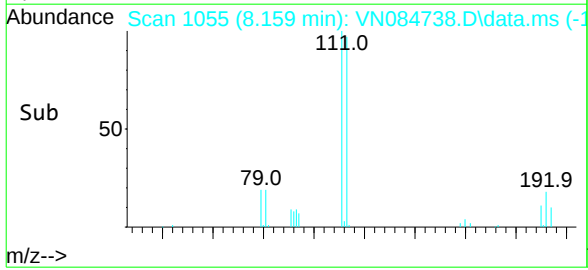
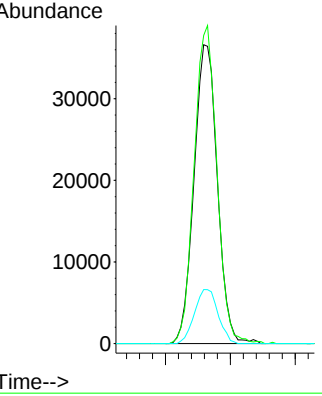
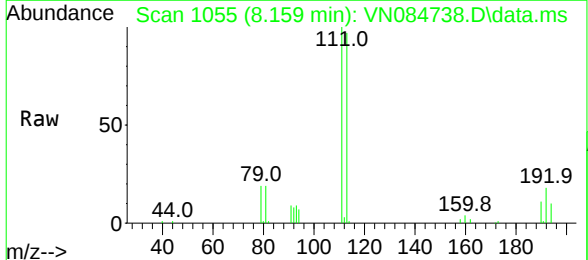
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBL01

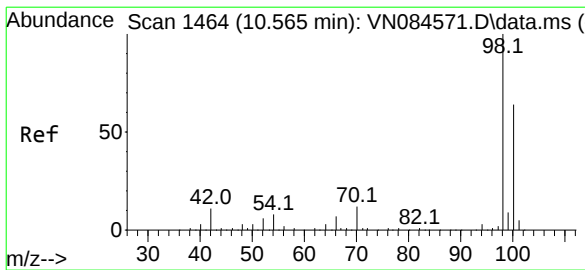
Tgt Ion:	114	Resp:	279091
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.8
88	15.2	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.426 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084738.D
 Acq: 08 Nov 2024 10:20

Tgt Ion:	113	Resp:	91482
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.3	124.9
192	18.2	13.5	20.3





#50

Toluene-d8

Concen: 45.326 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

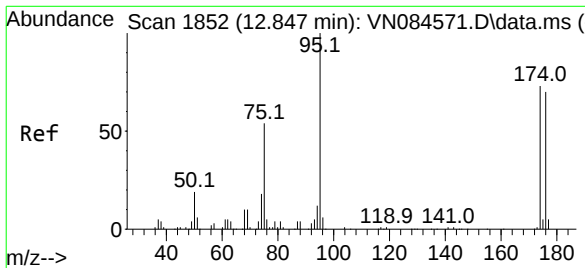
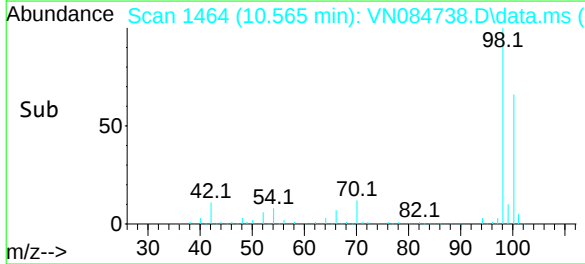
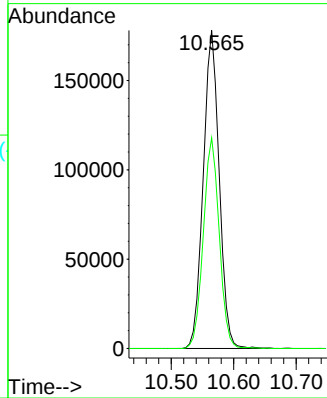
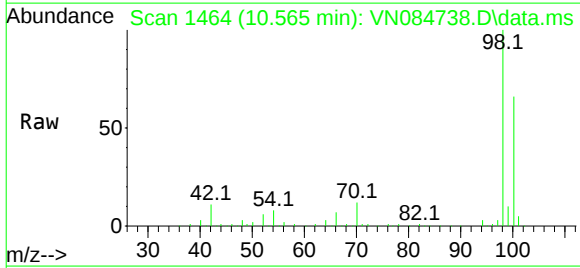
VN1108MBL01

Tgt Ion: 98 Resp: 315418

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.301 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

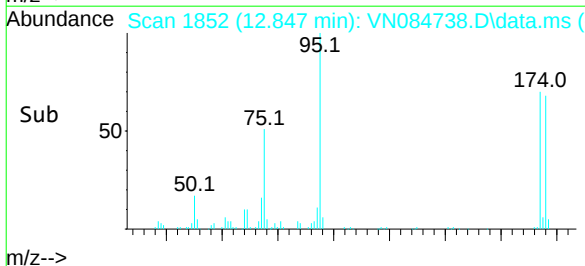
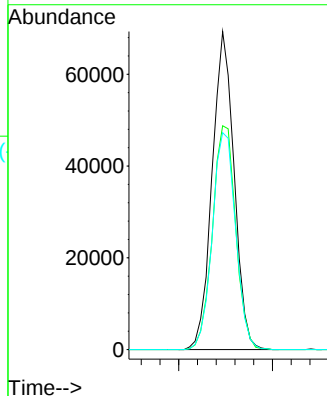
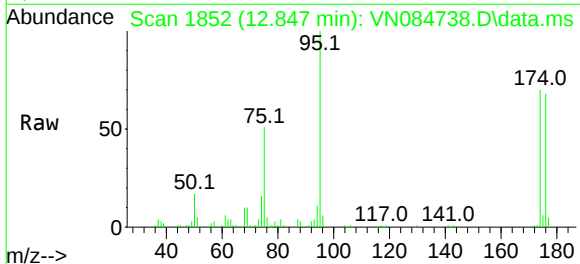
Tgt Ion: 95 Resp: 112616

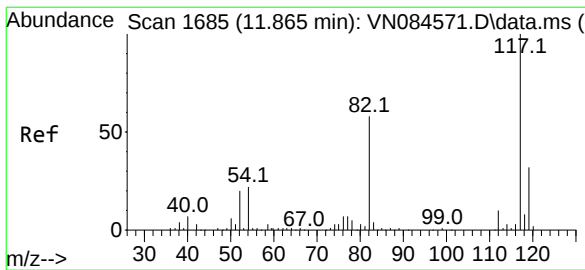
Ion Ratio Lower Upper

95 100

174 74.4 0.0 145.2

176 72.6 0.0 140.0

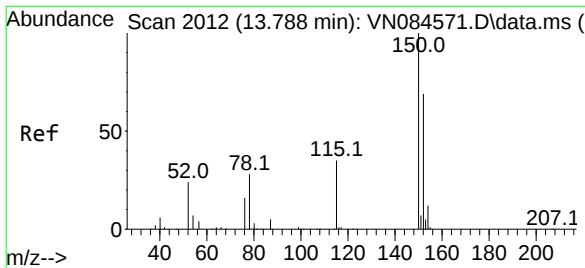
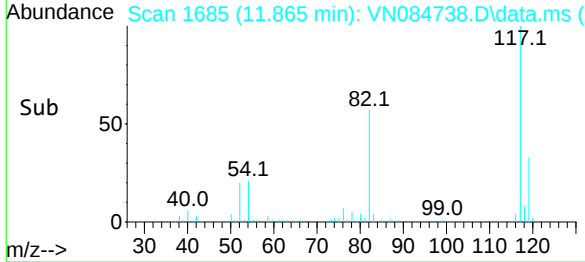
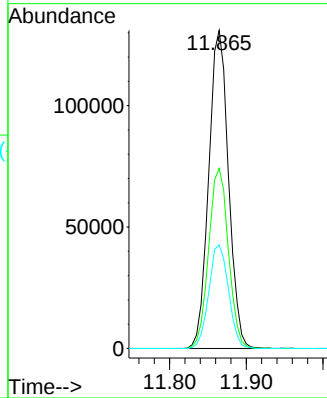
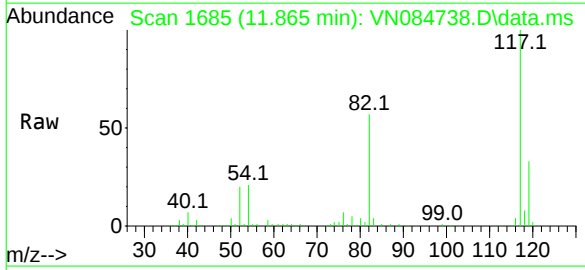




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084738.D
Acq: 08 Nov 2024 10:20

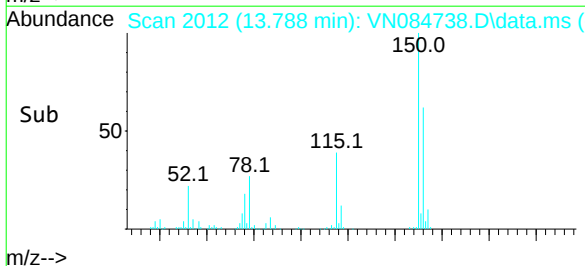
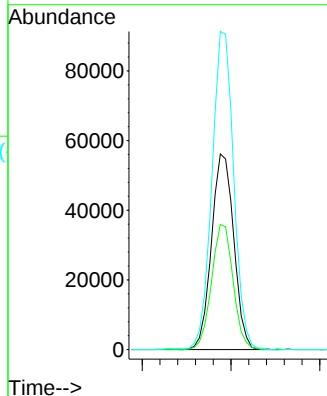
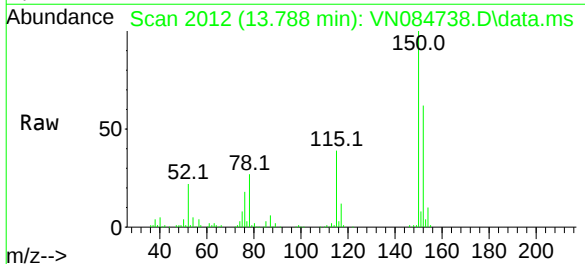
Instrument :
MSVOA_N
ClientSampleId :
VN1108MBL01

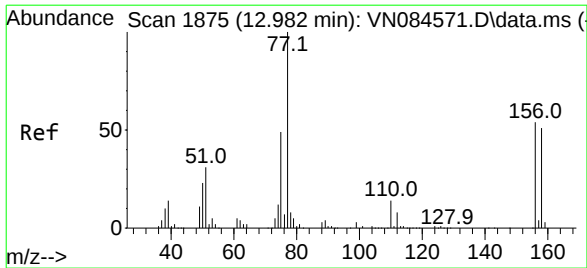
Tgt Ion:117 Resp: 234353
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084738.D
Acq: 08 Nov 2024 10:20

Tgt Ion:152 Resp: 97796
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 158.8 0.0 349.8

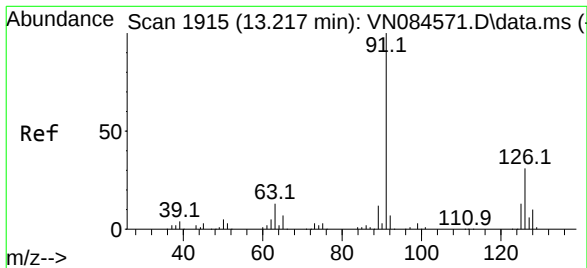
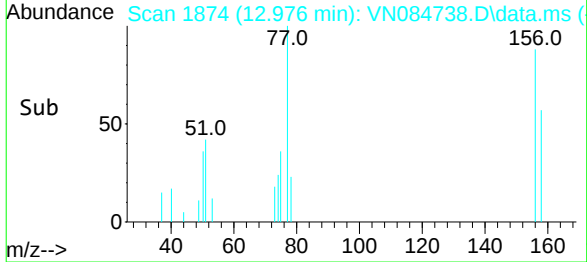
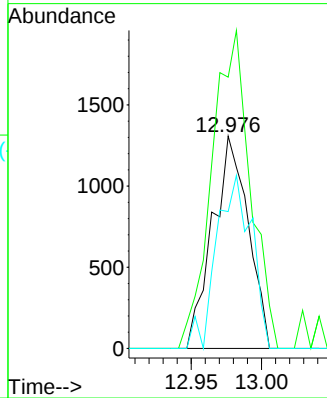
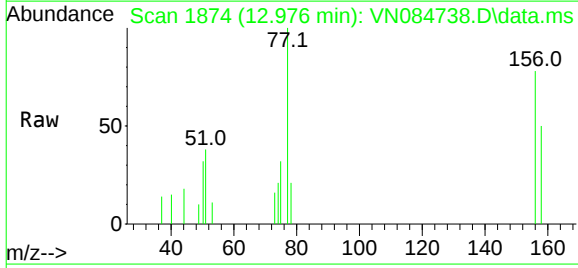




#77
Bromobenzene
Concen: 1.250 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084738.D
Acq: 08 Nov 2024 10:20

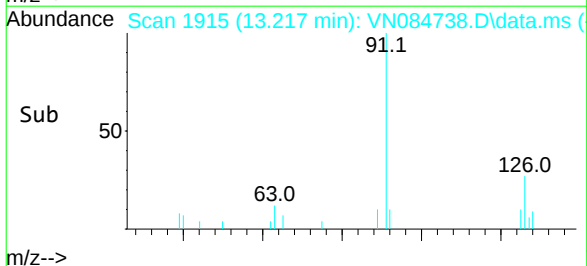
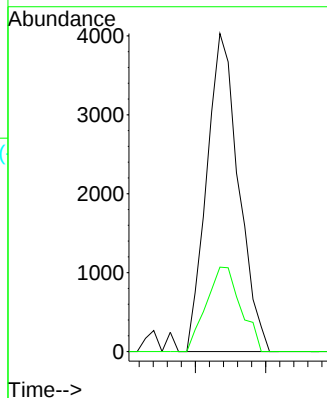
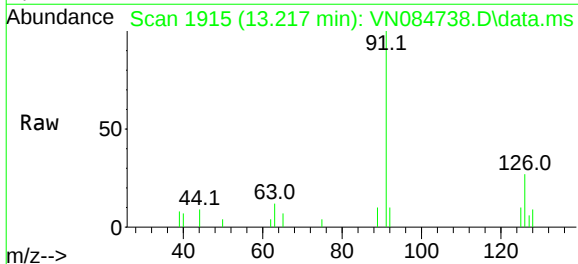
Instrument :
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VN1108MBL01

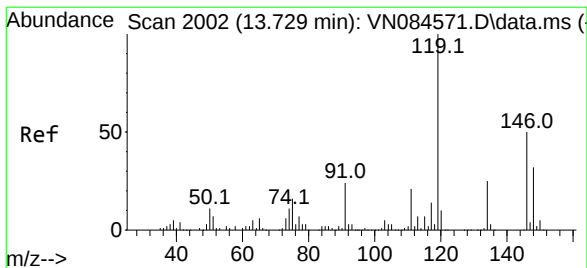
Tgt Ion:	156	Resp:	2303
Ion	Ratio	Lower	Upper
156	100		
77	162.1	115.1	345.3
158	80.1	48.9	146.8



#82
4-Chlorotoluene
Concen: 1.152 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084738.D
Acq: 08 Nov 2024 10:20

Tgt Ion:	91	Resp:	6361
Ion	Ratio	Lower	Upper
91	100		
126	28.7	15.7	47.1





#87

1,3-Dichlorobenzene

Concen: 1.499 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084738.D

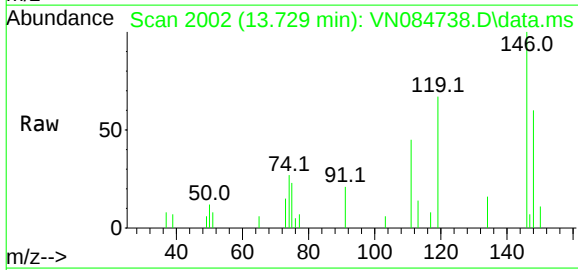
Acq: 08 Nov 2024 10:20

Instrument :

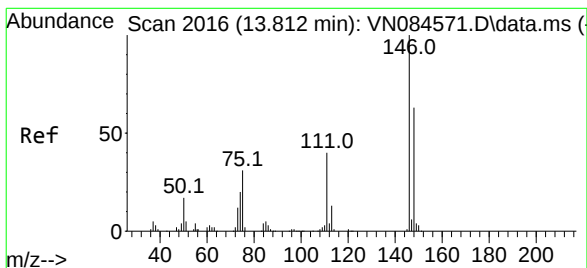
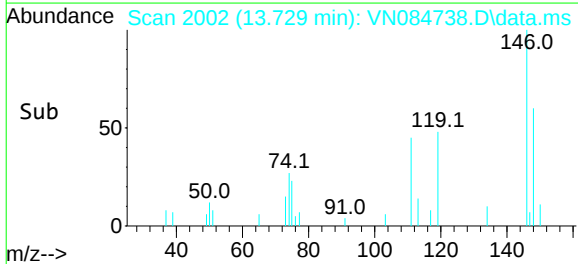
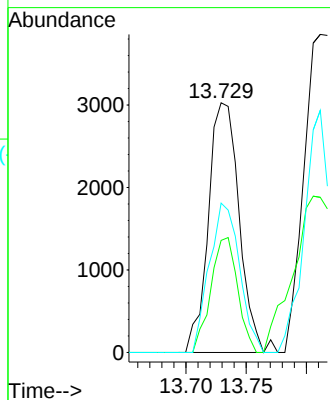
MSVOA_N

ClientSampleId :

VN1108MBL01



Tgt Ion:	146	Resp:	5391
Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.8	65.3
148	58.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 1.196 ug/l

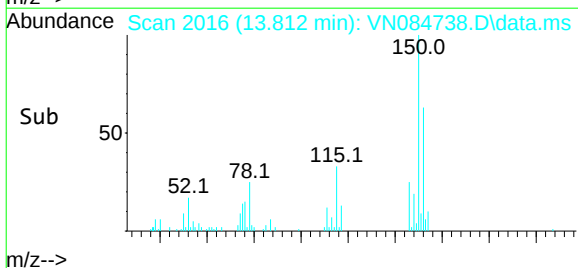
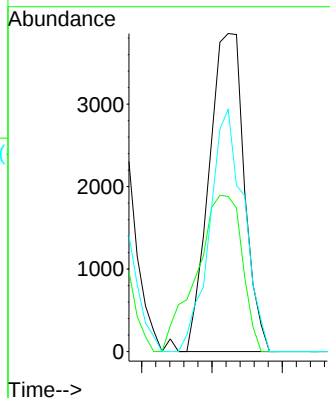
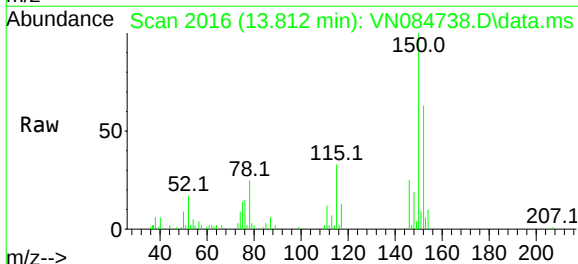
RT: 13.812 min Scan# 2016

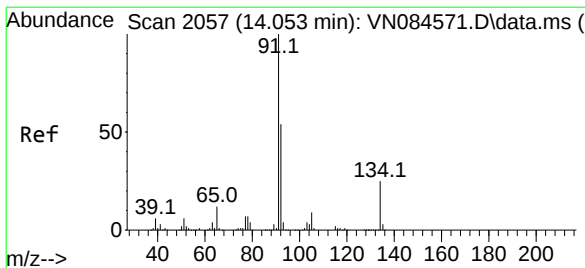
Delta R.T. -0.000 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

Tgt Ion:	146	Resp:	6726
Ion	Ratio	Lower	Upper
146	100		
111	63.1	21.2	63.6
148	73.7	31.9	95.9





#89

n-Butylbenzene

Concen: 1.208 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

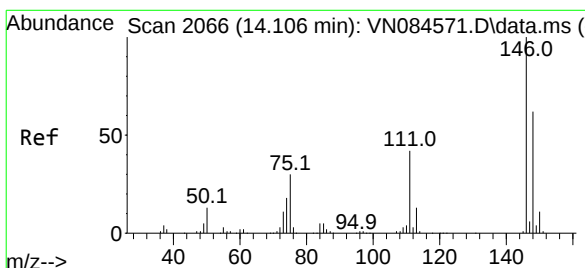
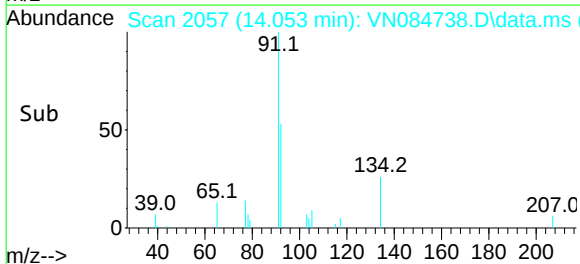
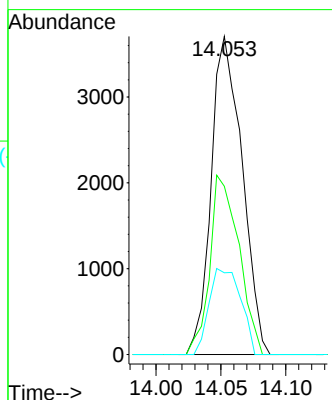
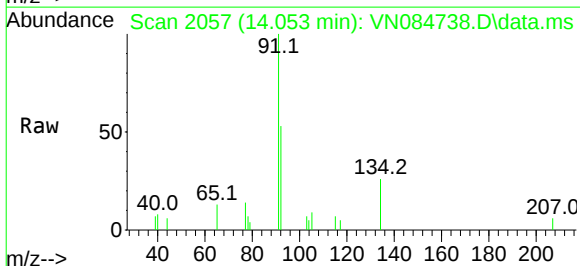
Instrument :

MSVOA_N

ClientSampleId :

VN1108MBL01

Tgt Ion: 91	Resp: 6153
Ion Ratio	Lower Upper
91	100
92	52.9 26.6 79.7
134	27.6 12.3 36.9



#91

1,2-Dichlorobenzene

Concen: 1.109 ug/l

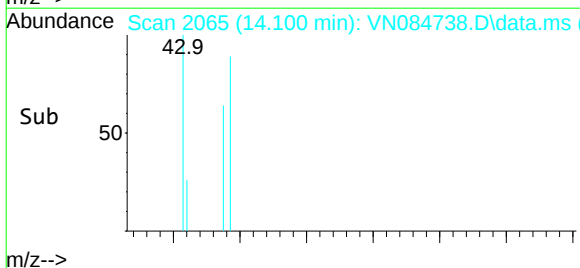
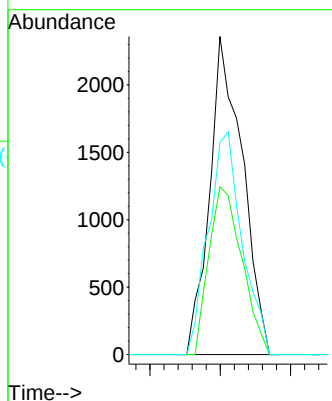
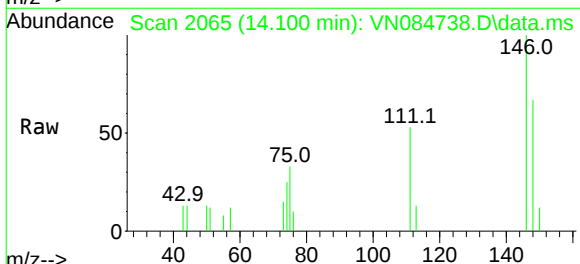
RT: 14.100 min Scan# 2065

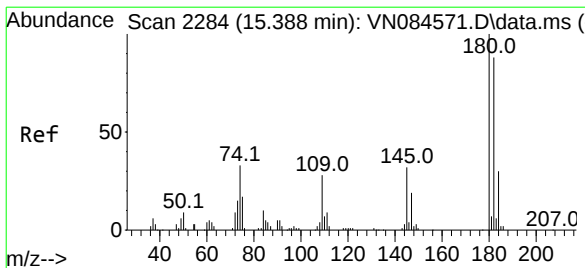
Delta R.T. -0.006 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

Tgt Ion: 146	Resp: 3831
Ion Ratio	Lower Upper
146	100
111	53.0 22.0 66.0
148	72.1 32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 2.582 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN1108MBL01

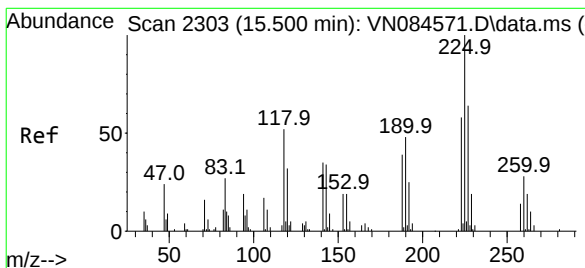
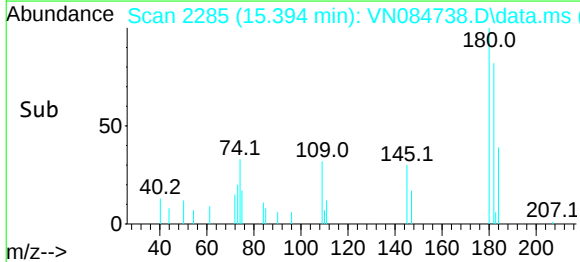
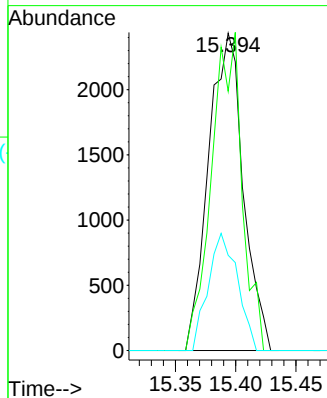
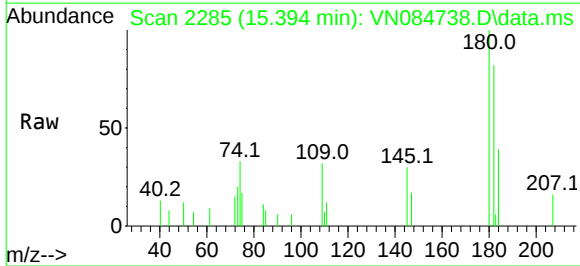
Tgt Ion:180 Resp: 4883

Ion Ratio Lower Upper

180 100

182 87.7 47.0 141.0

145 31.1 16.4 49.4



#94

Hexachlorobutadiene

Concen: 1.699 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

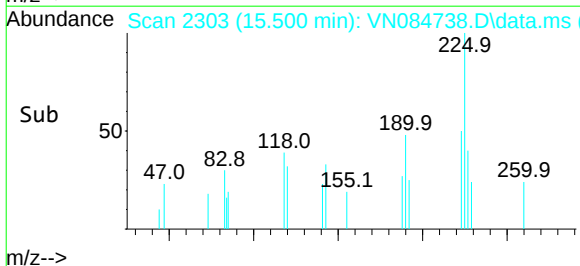
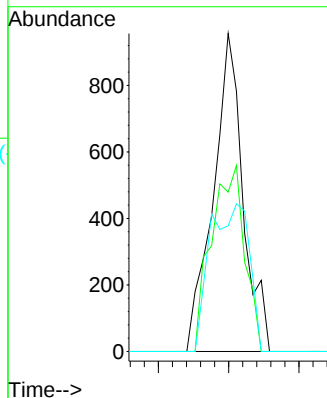
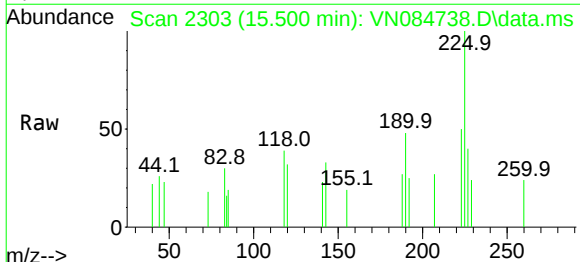
Tgt Ion:225 Resp: 1411

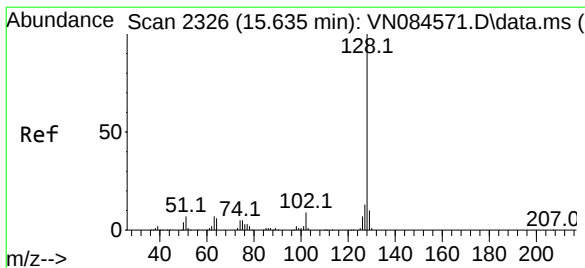
Ion Ratio Lower Upper

225 100

223 65.0 32.4 97.2

227 61.0 32.4 97.0





#95

Naphthalene

Concen: 1.857 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

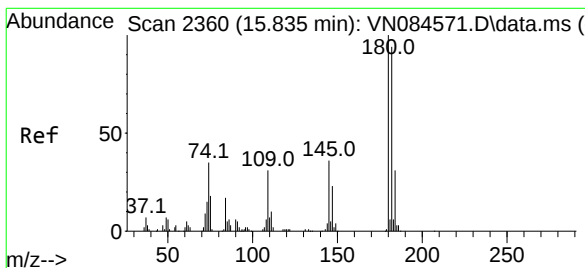
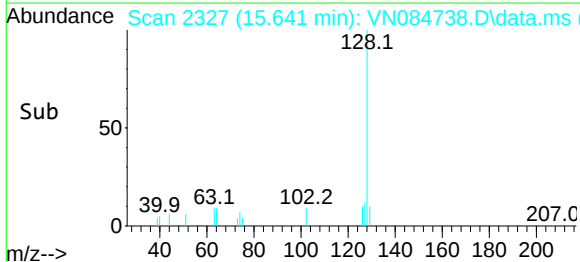
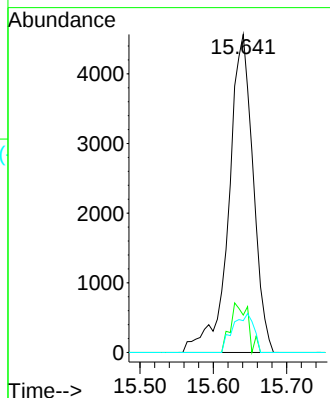
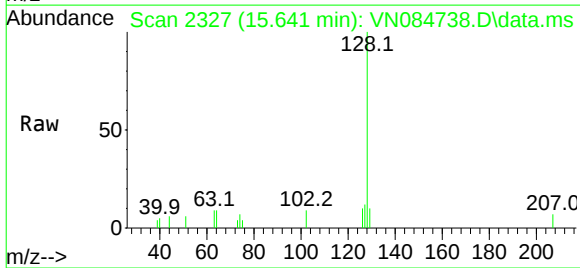
Instrument :

MSVOA_N

ClientSampleId :

VN1108MBL01

Tgt Ion:	128	Resp:	10509
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.5	15.7
129	10.6	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.422 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084738.D

Acq: 08 Nov 2024 10:20

Tgt Ion:	180	Resp:	4447
Ion	Ratio	Lower	Upper
180	100		
182	85.9	48.2	144.6
145	31.3	17.3	51.9

