

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084816.D
 Acq On : 13 Nov 2024 10:26
 Operator : JC\MD
 Sample : VN1113MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBL01

Quant Time: Nov 14 00:29:51 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)

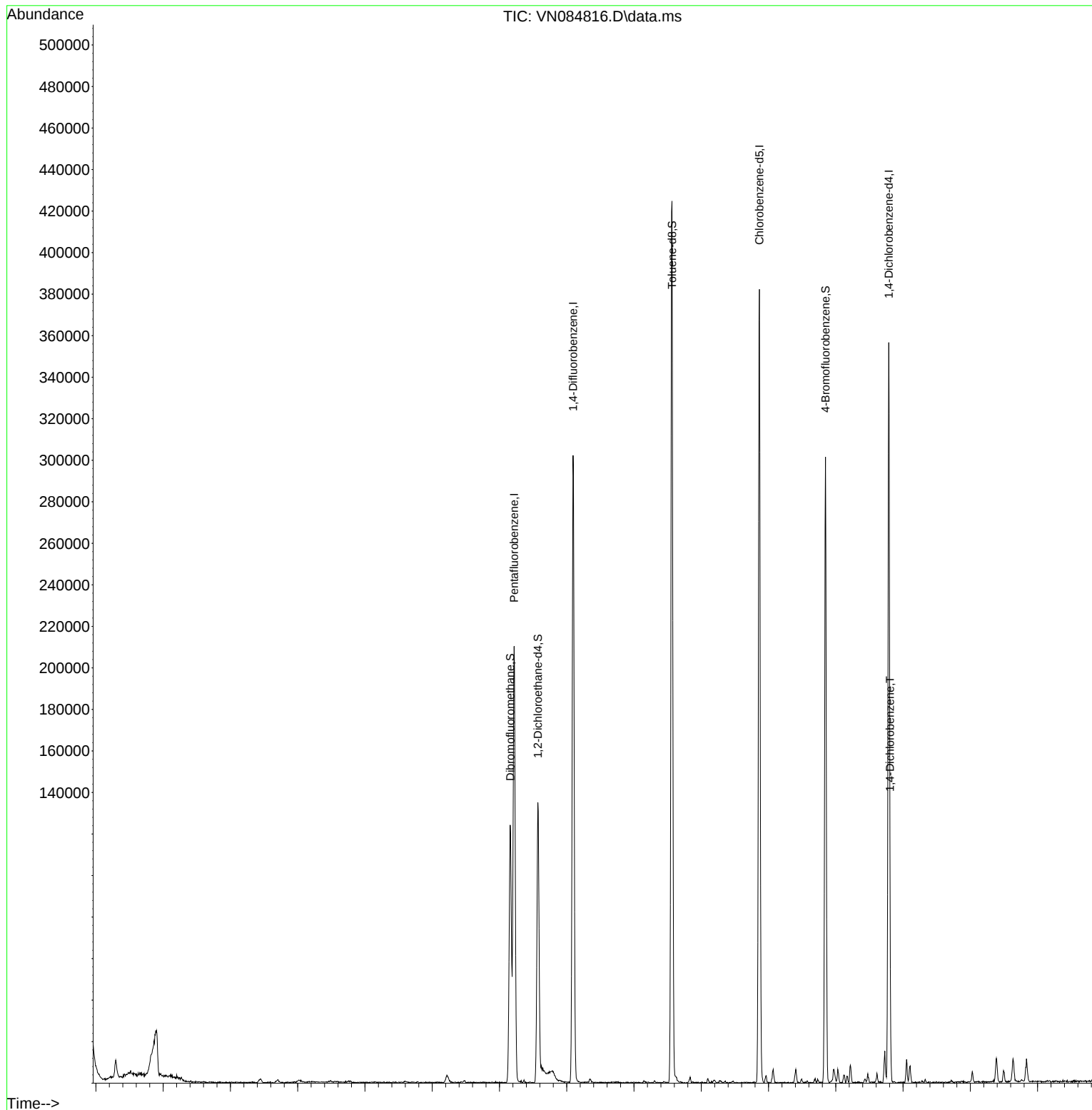
Internal Standards						
1) Pentafluorobenzene	8.218	168	151097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	262379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	110575	50.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	8.159	113	89209	50.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	10.565	98	301880	46.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.280%			
62) 4-Bromofluorobenzene	12.847	95	105756	43.254	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.500%			
Target Compounds						
87) 1,3-Dichlorobenzene	13.729	146	4861	1.391	ug/l	95
88) 1,4-Dichlorobenzene	13.806	146	6834	1.290	ug/l	85
89) n-Butylbenzene	14.053	91	6407	1.294	ug/l	91
91) 1,2-Dichlorobenzene	14.100	146	3623	1.079	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	4285	2.332	ug/l	98
95) Naphthalene	15.641	128	11917	2.167	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	4222	2.367	ug/l	97

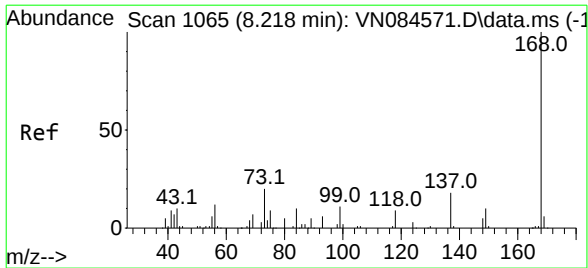
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN1113MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBL01

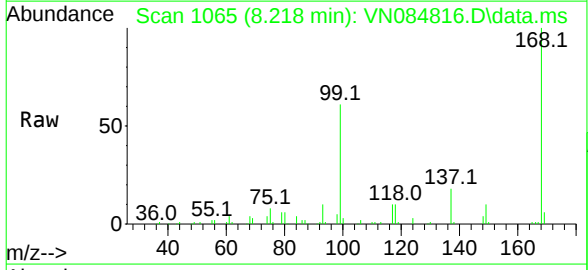
Quant Time: Nov 14 00:29:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



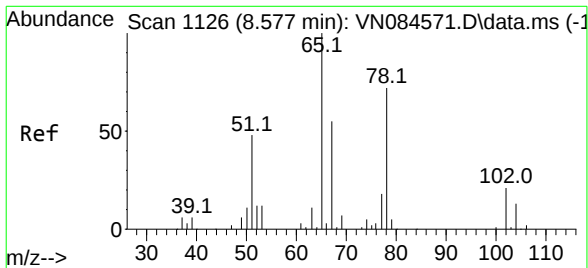
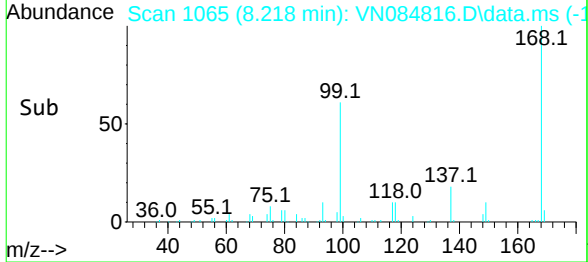
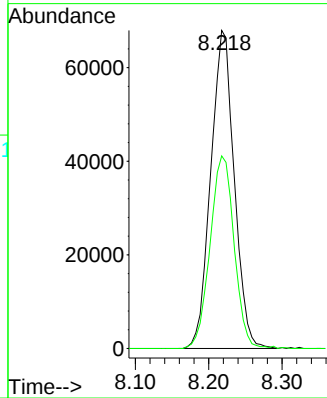


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBL01

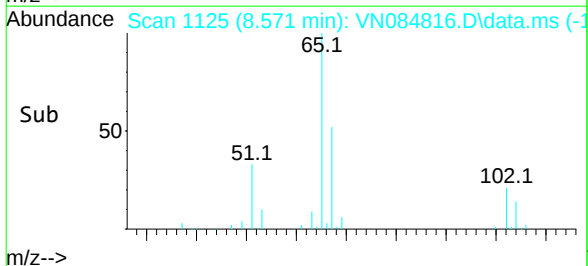
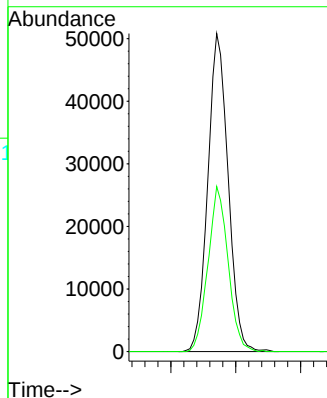
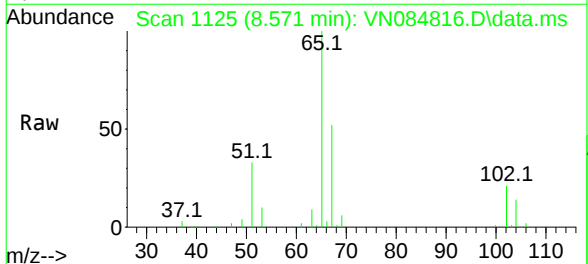


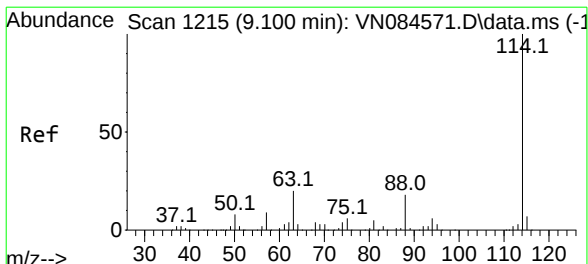
Tgt Ion:168 Resp: 151097
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.668 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 65 Resp: 110575
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

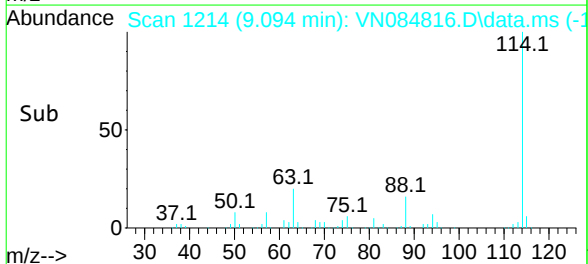
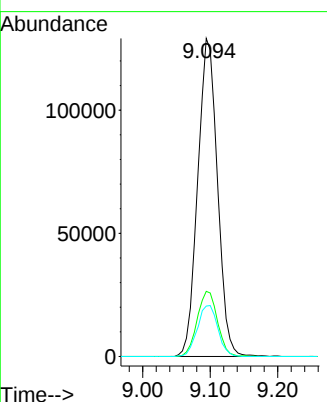
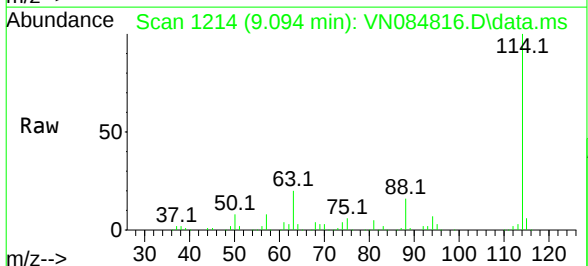




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

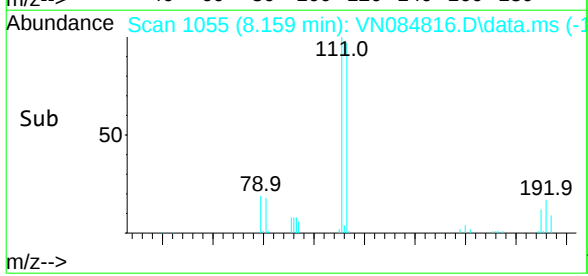
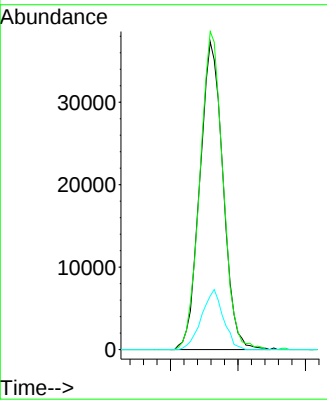
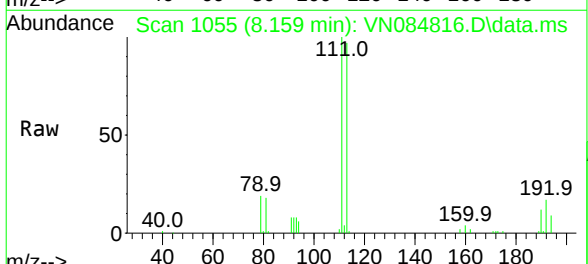
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBL01

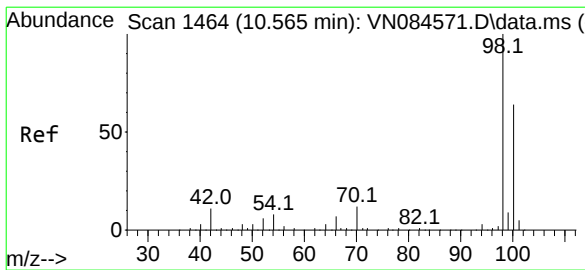
Tgt Ion:	114	Resp:	262379
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.8
88	15.9	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.231 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

Tgt Ion:	113	Resp:	89209
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.3	124.9
192	18.3	13.5	20.3





#50

Toluene-d8

Concen: 46.144 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

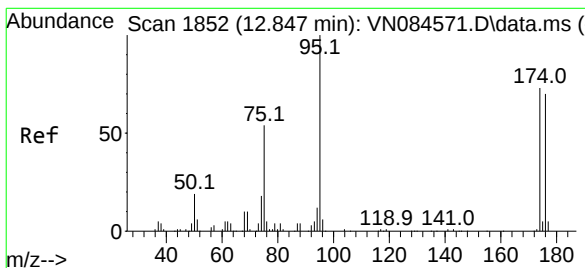
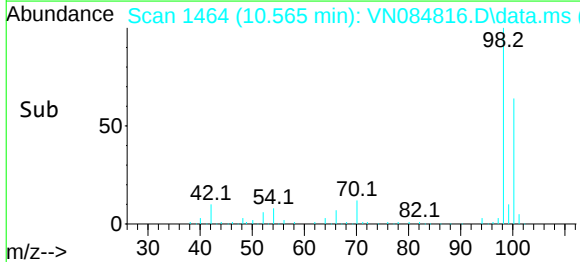
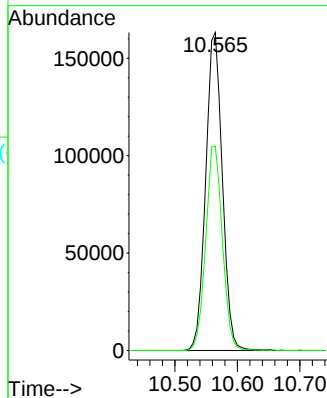
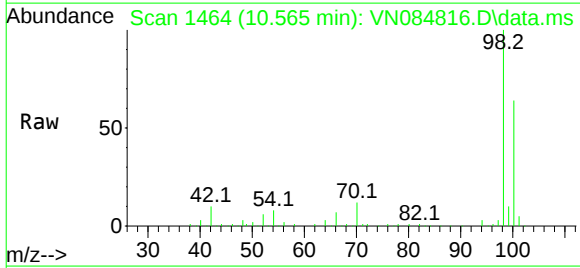
VN1113MBL01

Tgt Ion: 98 Resp: 301880

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.254 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

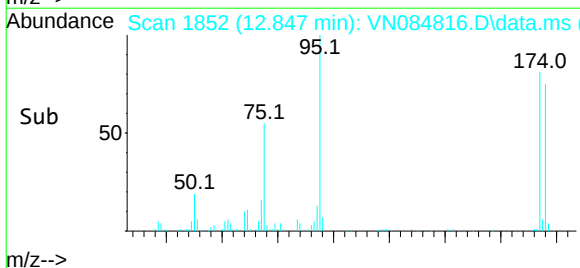
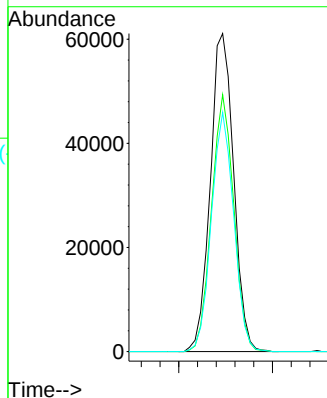
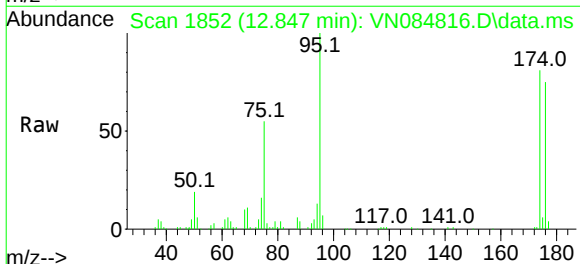
Tgt Ion: 95 Resp: 105756

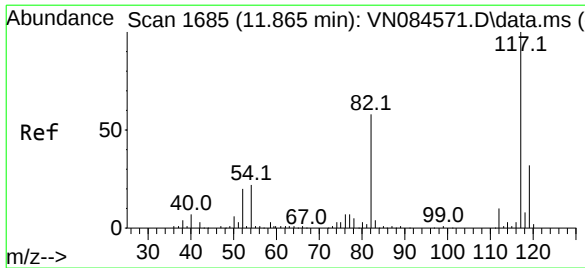
Ion Ratio Lower Upper

95 100

174 76.9 0.0 145.2

176 72.0 0.0 140.0

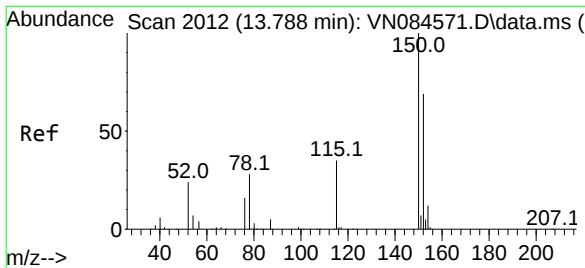
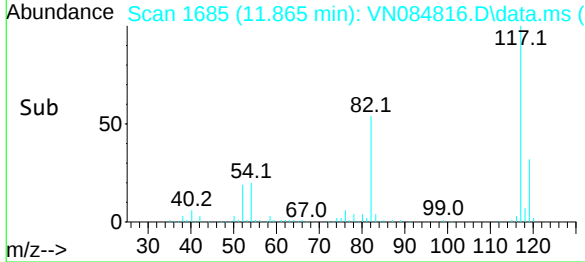
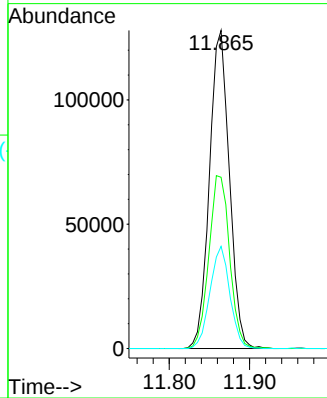
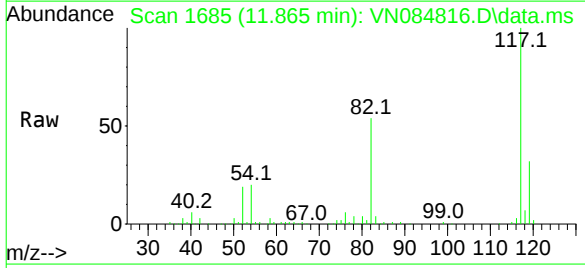




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

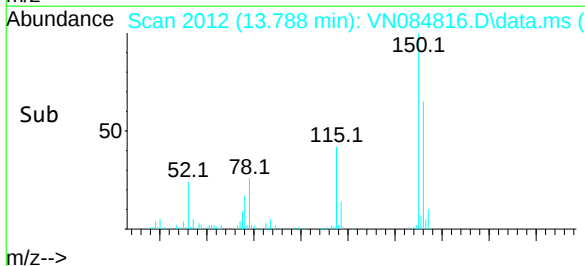
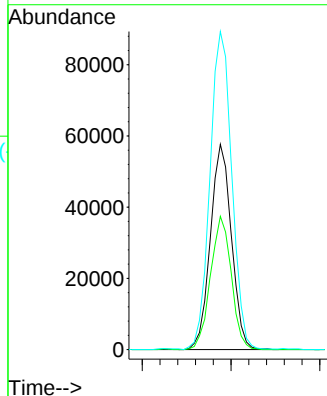
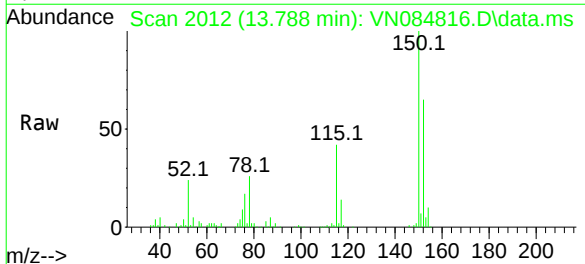
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBL01

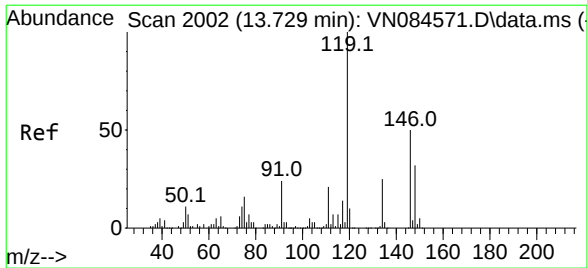
Tgt Ion:	117	Resp:	220388
Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.2	70.8
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion:	152	Resp:	95032
Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.3	93.9
150	159.3	0.0	349.8

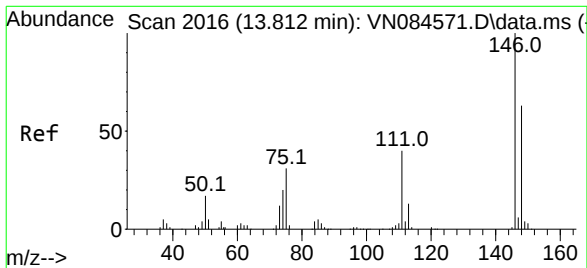
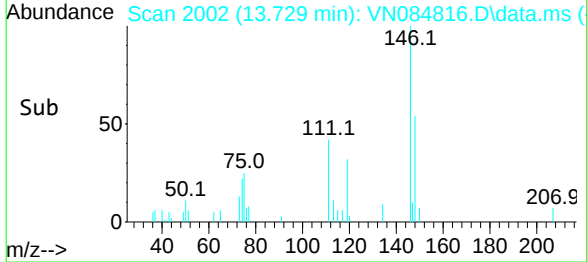
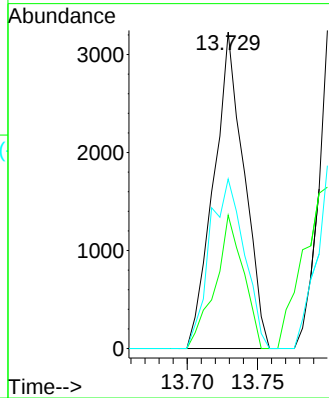
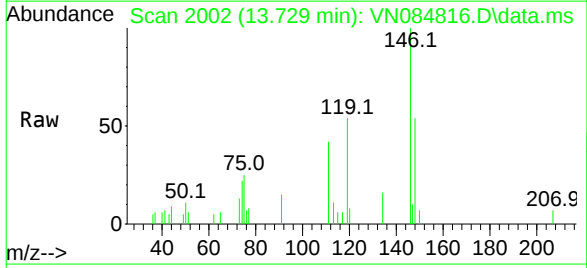




#87
1,3-Dichlorobenzene
Concen: 1.391 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

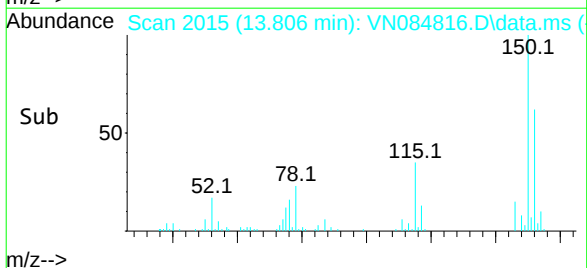
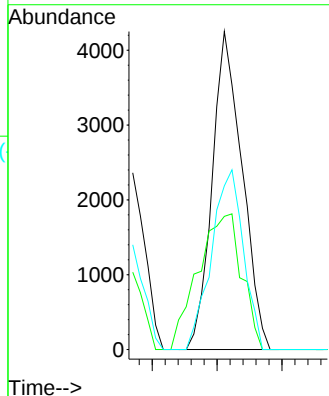
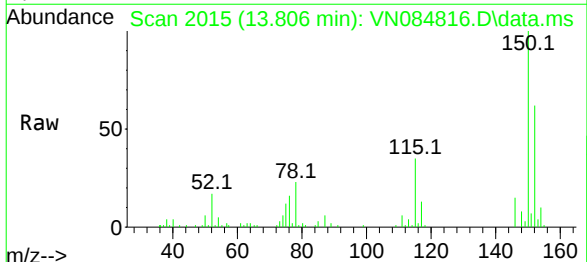
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBL01

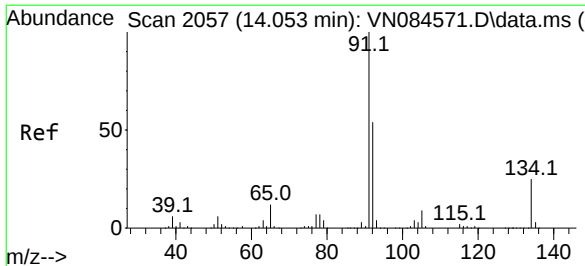
Tgt Ion:	146	Resp:	4861
Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.8	65.3
148	61.0	31.9	95.7



#88
1,4-Dichlorobenzene
Concen: 1.290 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion:	146	Resp:	6834
Ion	Ratio	Lower	Upper
146	100		
111	62.0	21.2	63.6
148	60.1	31.9	95.9





#89

n-Butylbenzene

Concen: 1.294 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

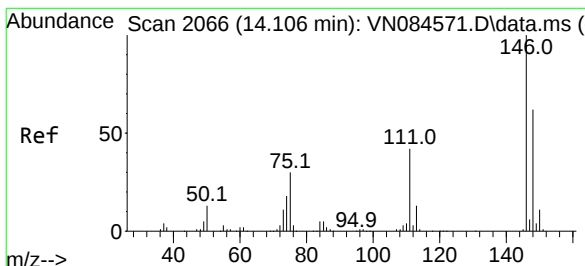
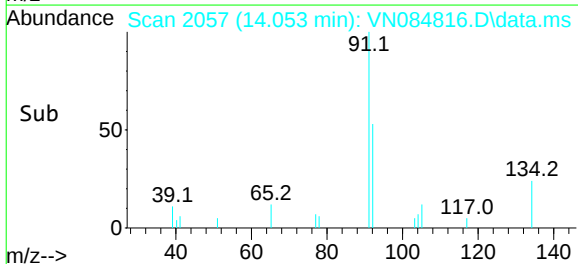
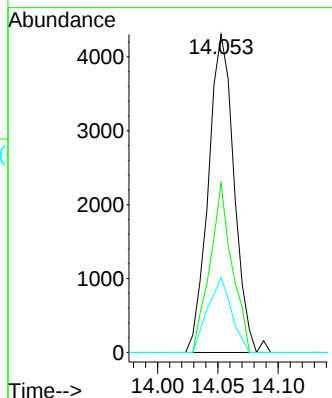
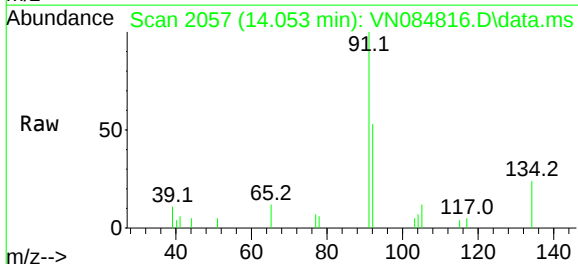
Instrument :

MSVOA_N

ClientSampleId :

VN1113MBL01

Tgt Ion:	91	Resp:	6407
Ion	Ratio	Lower	Upper
91	100		
92	45.6	26.6	79.7
134	21.8	12.3	36.9



#91

1,2-Dichlorobenzene

Concen: 1.079 ug/l

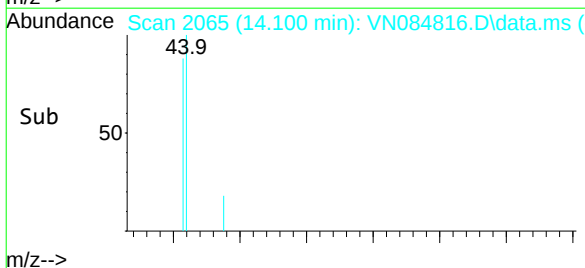
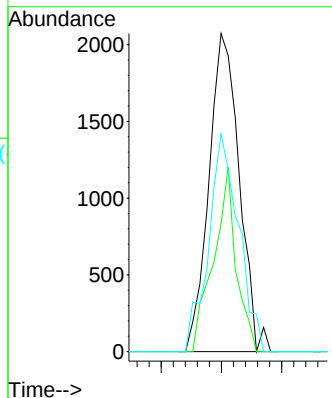
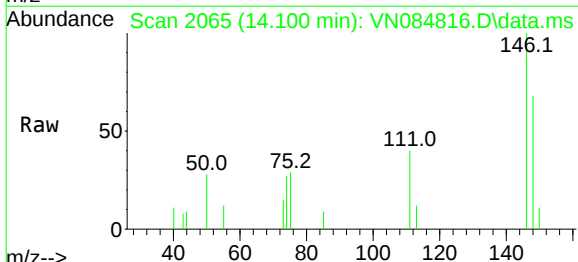
RT: 14.100 min Scan# 2065

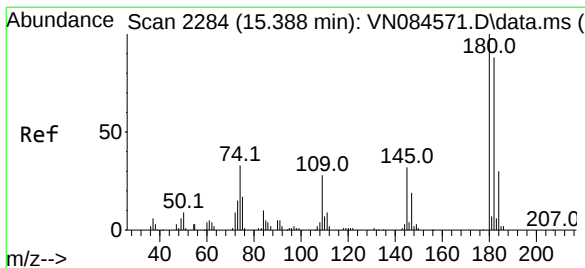
Delta R.T. -0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Tgt Ion:	146	Resp:	3623
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.0	66.0
148	68.2	32.1	96.3





#93

1,2,4-Trichlorobenzene

Concen: 2.332 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBL01

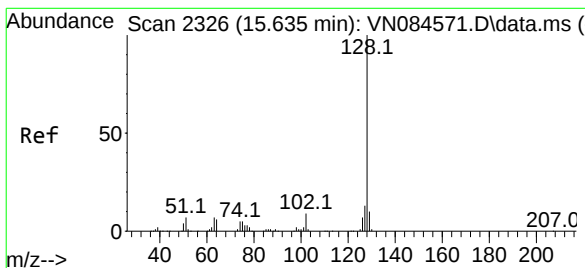
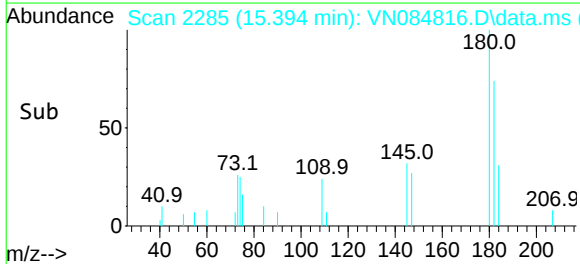
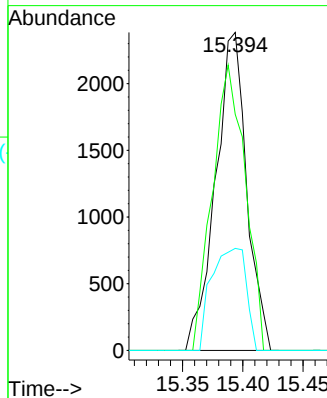
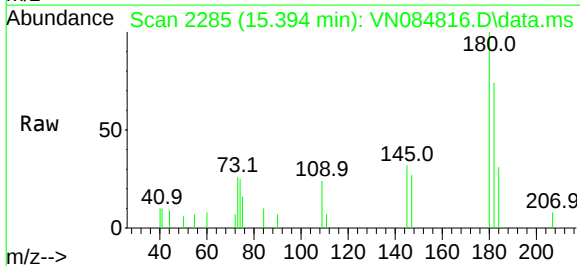
Tgt Ion:180 Resp: 4285

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.0

145 35.7 16.4 49.4



#95

Naphthalene

Concen: 2.167 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

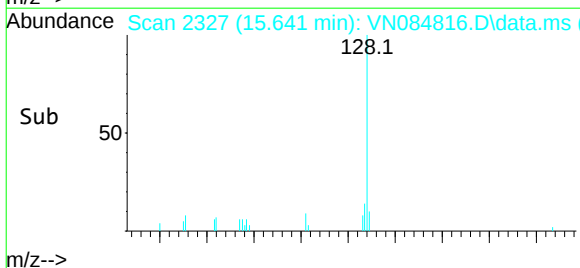
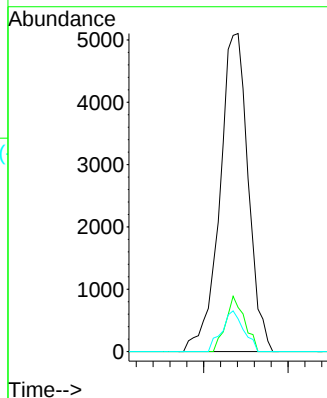
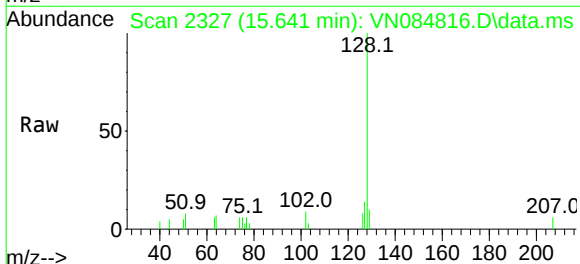
Tgt Ion:128 Resp: 11917

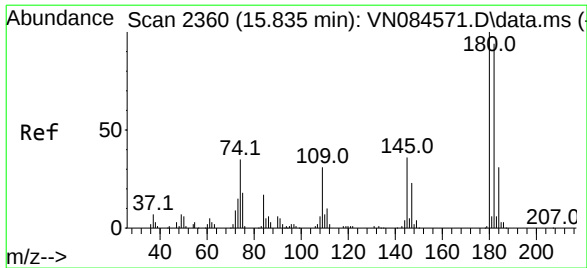
Ion Ratio Lower Upper

128 100

127 11.5 10.5 15.7

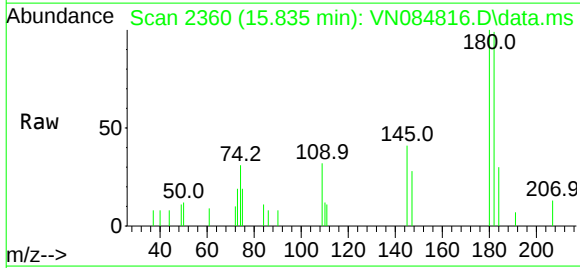
129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.367 ug/l
 RT: 15.835 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBL01



Tgt Ion:	180	Resp:	4222
Ion	Ratio	Lower	Upper
180	100		
182	99.5	48.2	144.6
145	32.9	17.3	51.9

