

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084629.D
 Acq On : 01 Nov 2024 11:04
 Operator : JC\MD
 Sample : VN1101MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101MBL01

Quant Time: Nov 04 04:23:07 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)

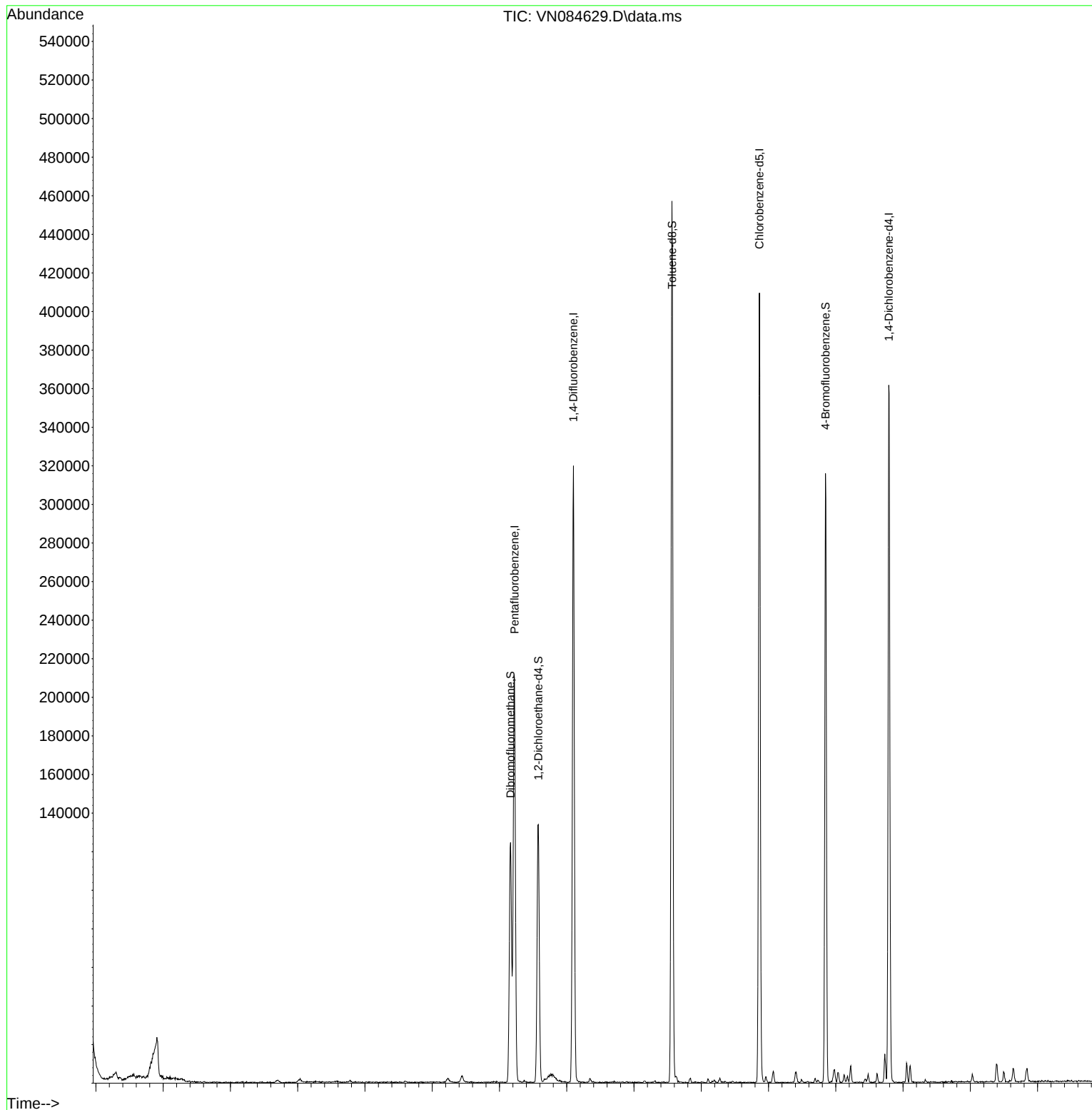
Internal Standards						
1) Pentafluorobenzene	8.224	168	152334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114355	51.974	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.940%		
35) Dibromofluoromethane	8.165	113	91394	50.844	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.680%		
50) Toluene-d8	10.565	98	315692	47.676	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.360%		
62) 4-Bromofluorobenzene	12.847	95	111797	45.176	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.360%		
Target Compounds						
					Qvalue	
77) Bromobenzene	12.988	156	2014	1.062	ug/l	68
82) 4-Chlorotoluene	13.223	91	5700	1.003	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	5255	1.420	ug/l	90
88) 1,4-Dichlorobenzene	13.811	146	6291	1.010	ug/l	84
89) n-Butylbenzene	14.058	91	5793	1.105	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	3969	2.039	ug/l	88
94) Hexachlorobutadiene	15.494	225	1226	1.434	ug/l	92
95) Naphthalene	15.635	128	7714	1.324	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	3358	1.777	ug/l	94

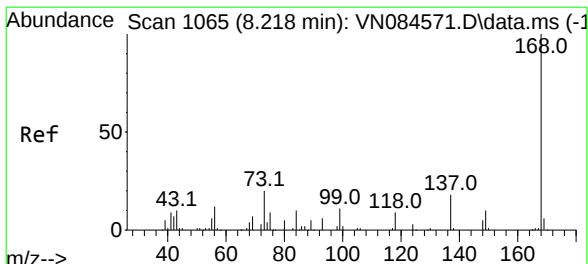
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
Data File : VN084629.D
Acq On : 01 Nov 2024 11:04
Operator : JC\MD
Sample : VN1101MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

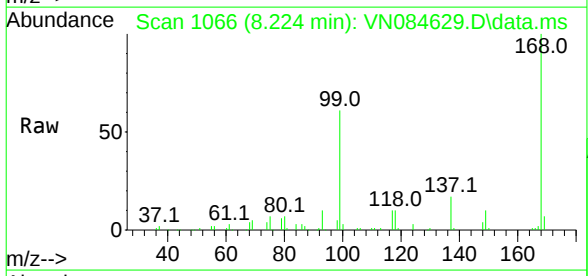
Quant Time: Nov 04 04:23:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration





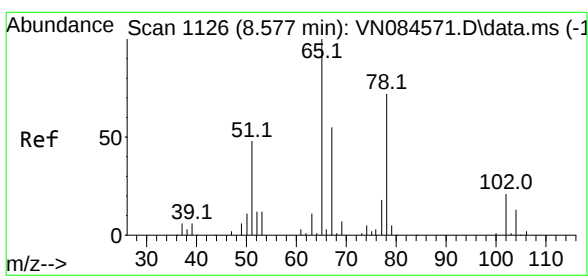
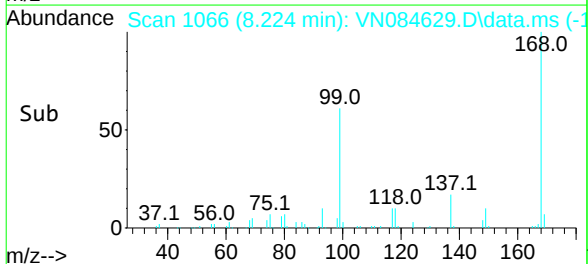
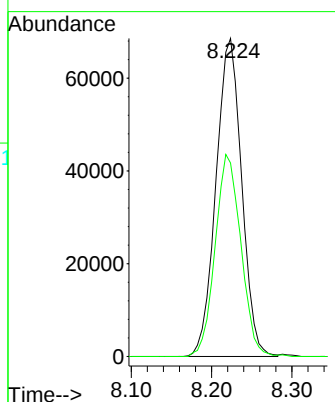
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084629.D
 Acq: 01 Nov 2024 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101MBL01



Tgt Ion: 168 Resp: 152334

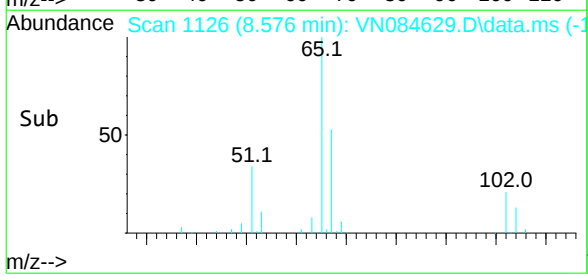
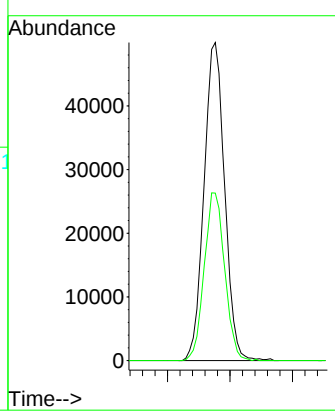
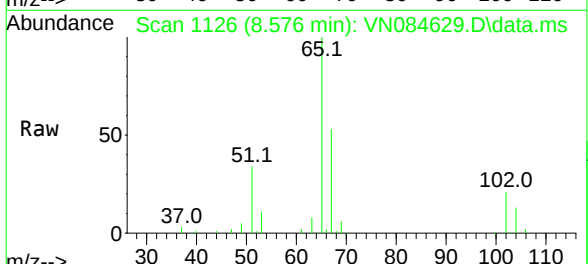
Ion	Ratio	Lower	Upper
168	100		
99	60.8	54.2	81.2

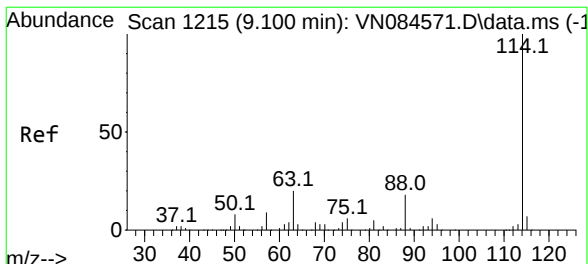


#33
 1,2-Dichloroethane-d4
 Concen: 51.974 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.001 min
 Lab File: VN084629.D
 Acq: 01 Nov 2024 11:04

Tgt Ion: 65 Resp: 114355

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.0

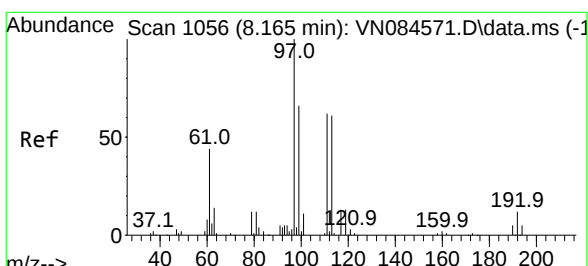
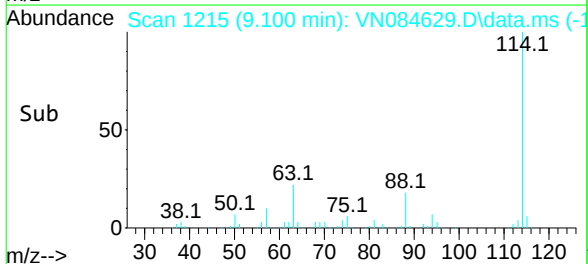
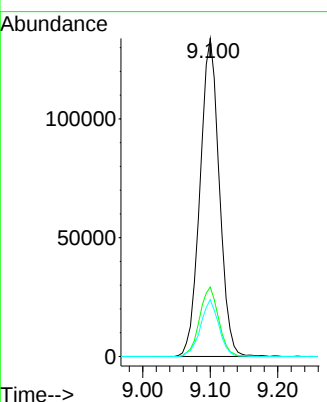
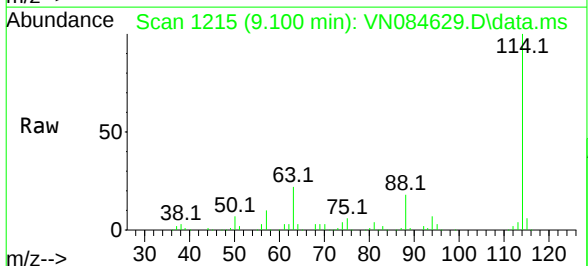




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN084629.D
 Acq: 01 Nov 2024 11:04

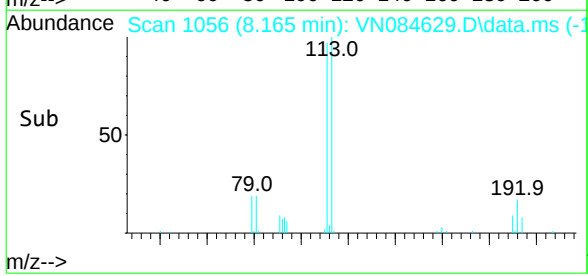
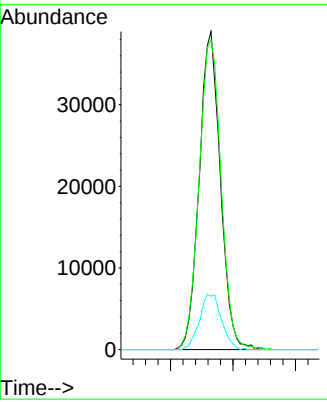
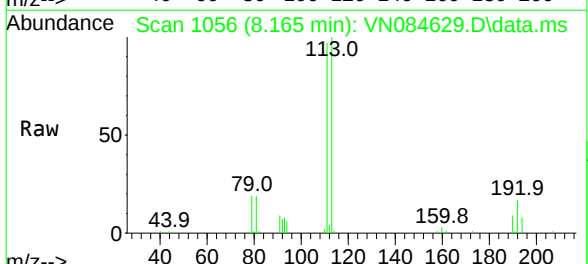
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101MBL01

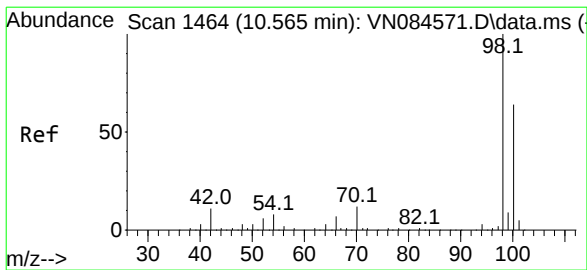
Tgt Ion:	114	Resp:	265565
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.8
88	17.9	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.844 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084629.D
 Acq: 01 Nov 2024 11:04

Tgt Ion:	113	Resp:	91394
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.3	124.9
192	18.1	13.5	20.3





#50

Toluene-d8

Concen: 47.676 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084629.D

Acq: 01 Nov 2024 11:04

Instrument :

MSVOA_N

ClientSampleId :

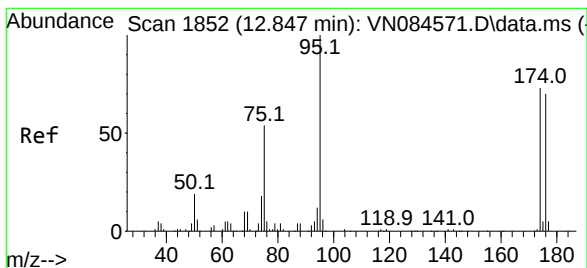
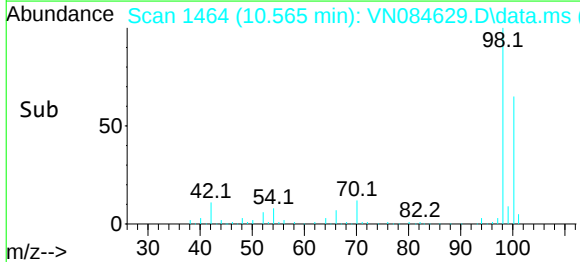
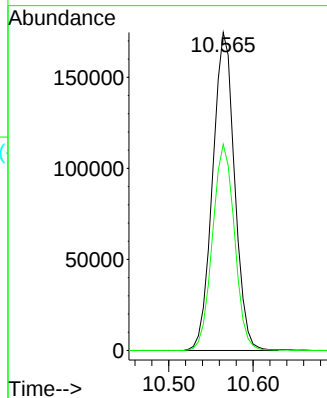
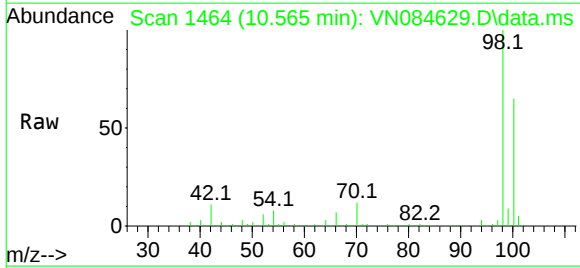
VN1101MBL01

Tgt Ion: 98 Resp: 315692

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.176 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084629.D

Acq: 01 Nov 2024 11:04

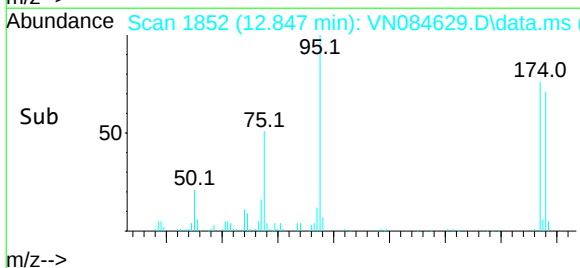
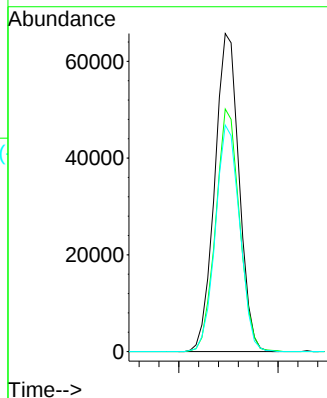
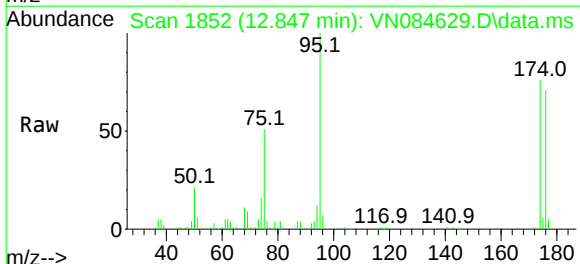
Tgt Ion: 95 Resp: 111797

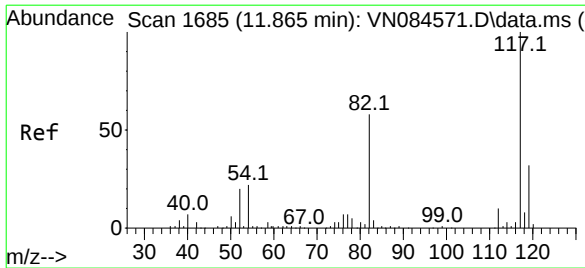
Ion Ratio Lower Upper

95 100

174 74.8 0.0 145.2

176 70.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.001 min

Lab File: VN084629.D

Acq: 01 Nov 2024 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN1101MBL01

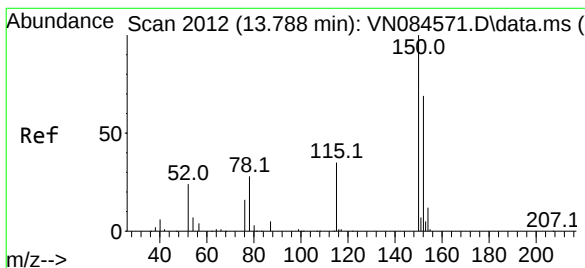
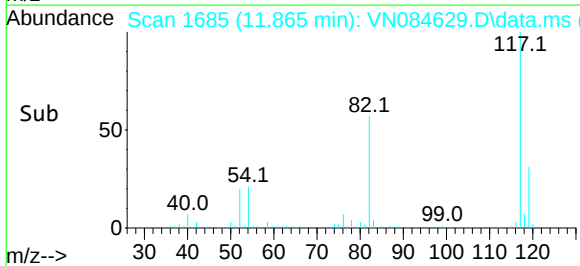
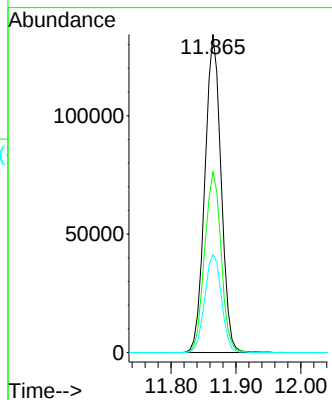
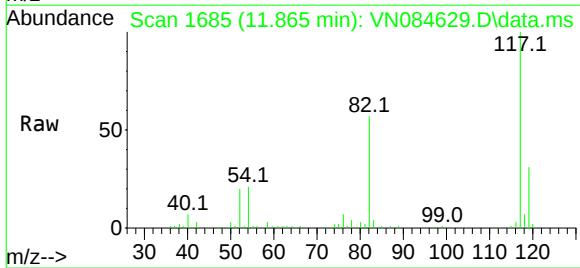
Tgt Ion:117 Resp: 232363

Ion Ratio Lower Upper

117 100

82 56.8 47.2 70.8

119 30.8 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: VN084629.D

Acq: 01 Nov 2024 11:04

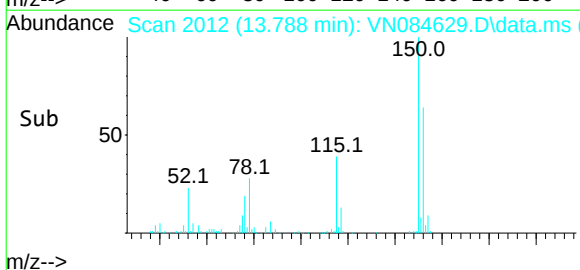
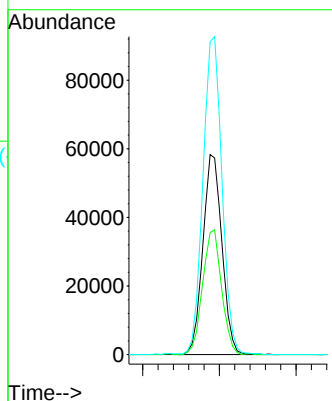
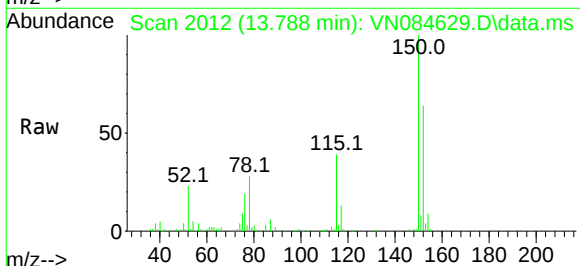
Tgt Ion:152 Resp: 100670

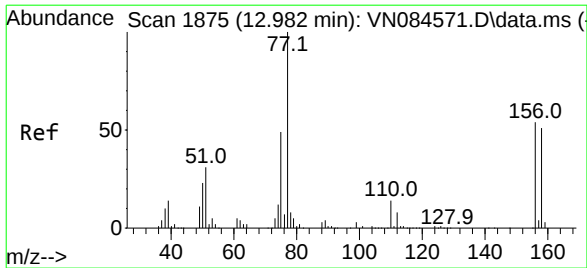
Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.9

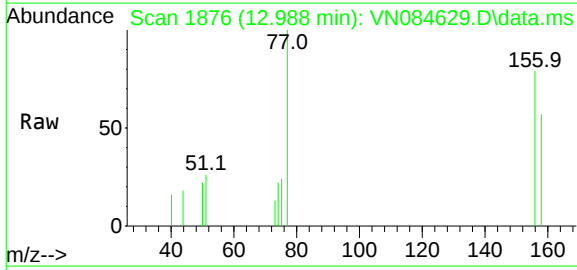
150 158.5 0.0 349.8



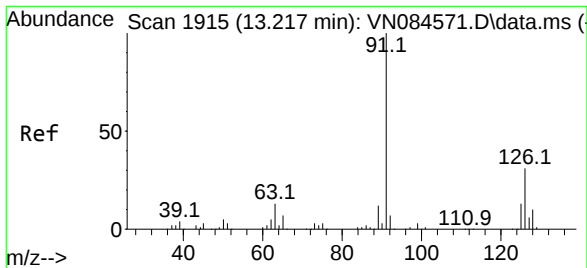
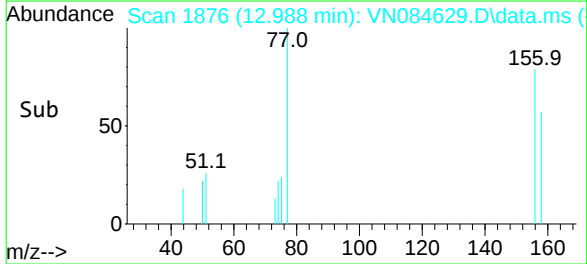
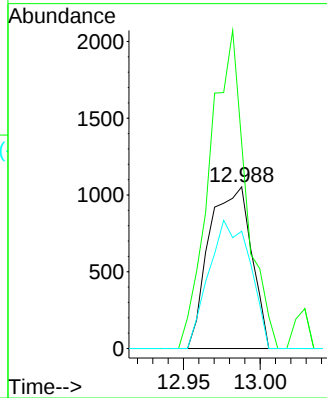


#77
Bromobenzene
Concen: 1.062 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084629.D
Acq: 01 Nov 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

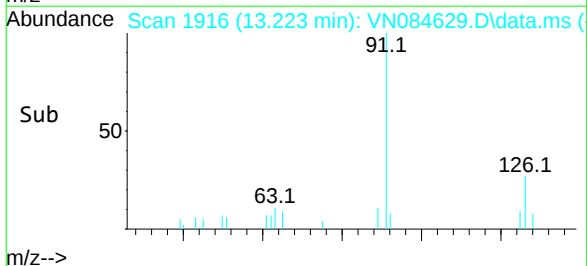
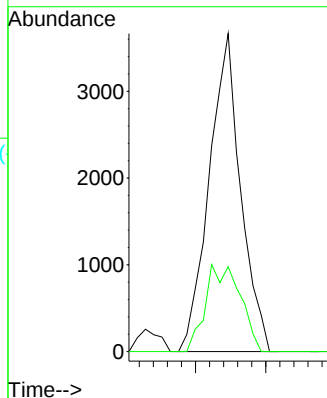
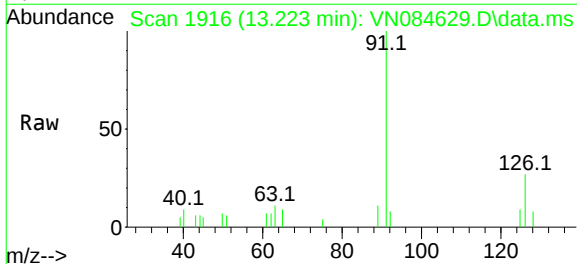


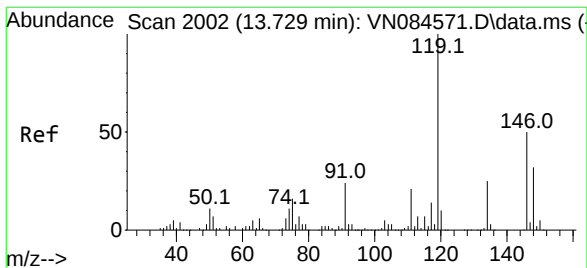
Tgt Ion:156 Resp: 2014
Ion Ratio Lower Upper
156 100
77 169.4 115.1 345.3
158 77.2 48.9 146.8



#82
4-Chlorotoluene
Concen: 1.003 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084629.D
Acq: 01 Nov 2024 11:04

Tgt Ion: 91 Resp: 5700
Ion Ratio Lower Upper
91 100
126 30.2 15.7 47.1





#87

1,3-Dichlorobenzene

Concen: 1.420 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084629.D

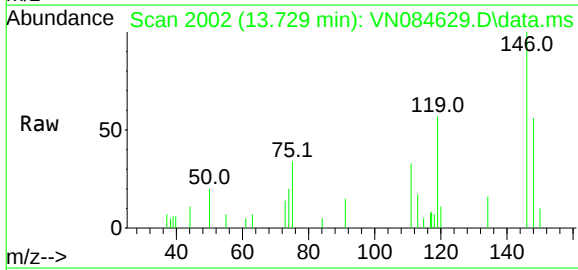
Acq: 01 Nov 2024 11:04

Instrument :

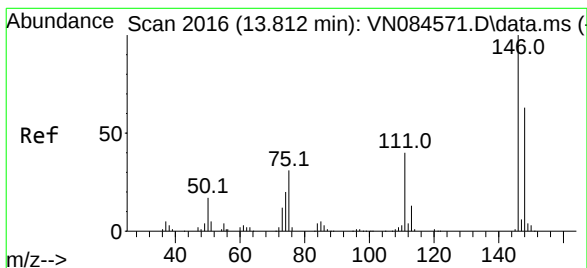
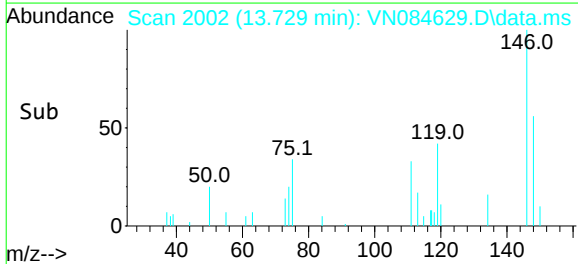
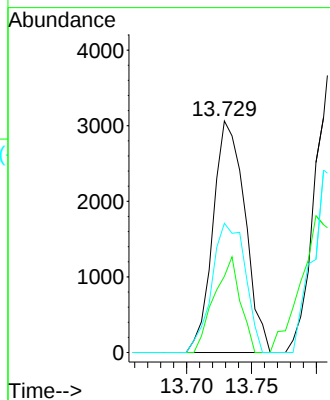
MSVOA_N

ClientSampleId :

VN1101MBL01



Tgt Ion:	146	Resp:	5255
Ion	Ratio	Lower	Upper
146	100		
111	33.5	21.8	65.3
148	58.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 1.010 ug/l

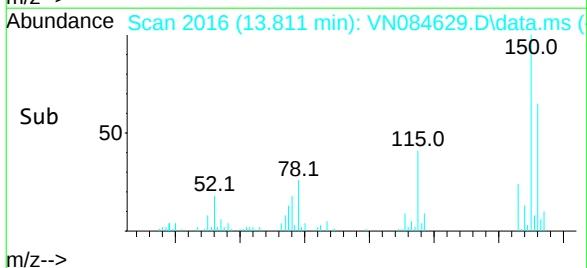
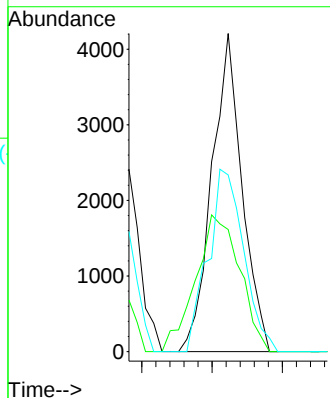
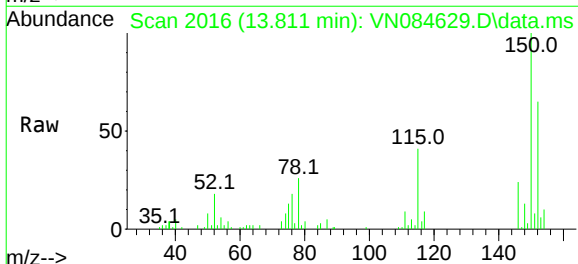
RT: 13.811 min Scan# 2016

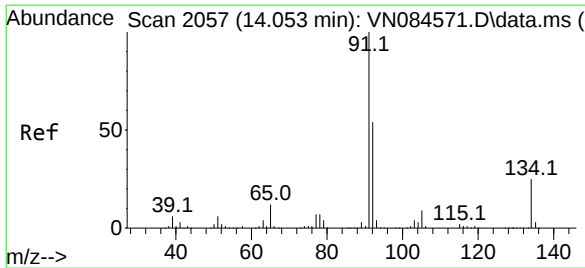
Delta R.T. -0.001 min

Lab File: VN084629.D

Acq: 01 Nov 2024 11:04

Tgt Ion:	146	Resp:	6291
Ion	Ratio	Lower	Upper
146	100		
111	62.6	21.2	63.6
148	67.7	31.9	95.9

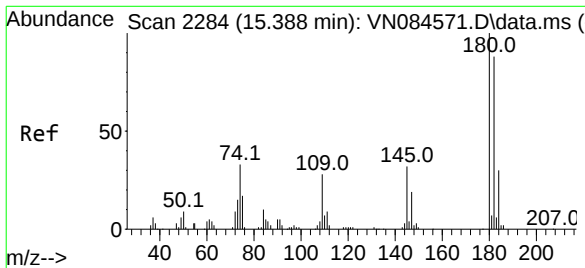
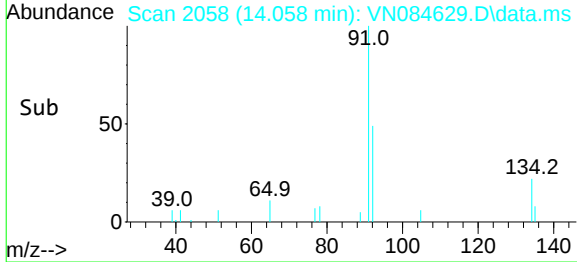
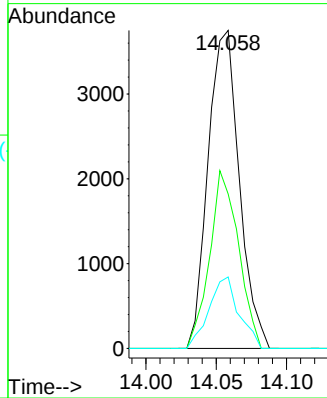
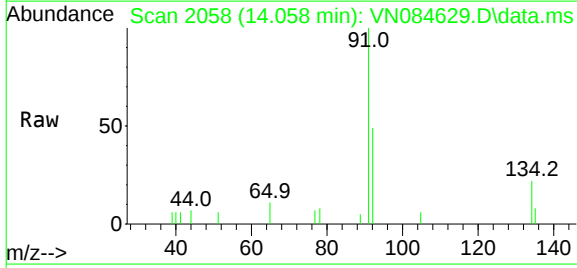




#89
n-Butylbenzene
Concen: 1.105 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN084629.D
Acq: 01 Nov 2024 11:04

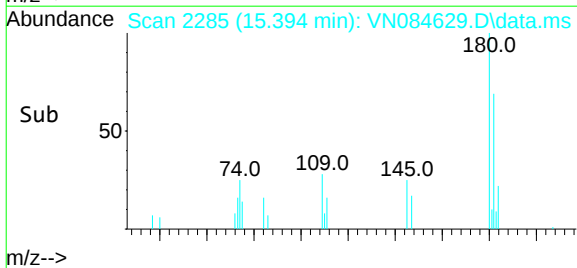
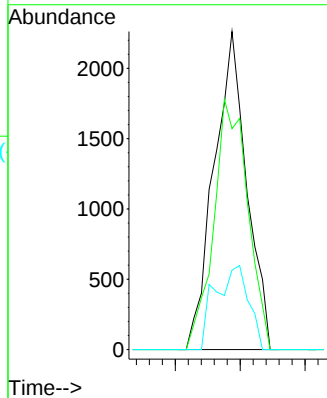
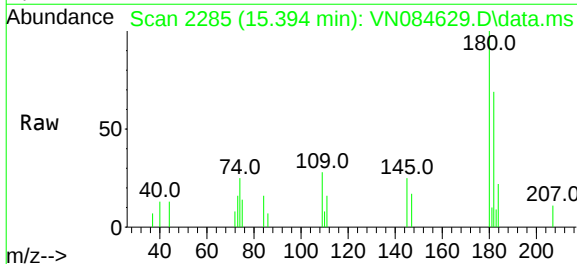
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

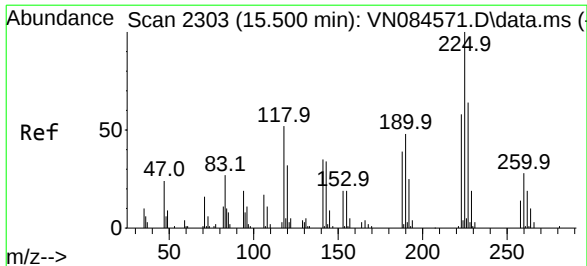
Tgt Ion:	91	Resp:	5793
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.6	79.7
134	21.6	12.3	36.9



#93
1,2,4-Trichlorobenzene
Concen: 2.039 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084629.D
Acq: 01 Nov 2024 11:04

Tgt Ion:	180	Resp:	3969
Ion	Ratio	Lower	Upper
180	100		
182	81.5	47.0	141.0
145	26.9	16.4	49.4





#94

Hexachlorobutadiene

Concen: 1.434 ug/l

RT: 15.494 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN084629.D

Acq: 01 Nov 2024 11:04

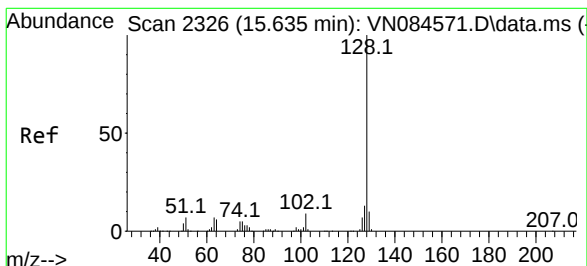
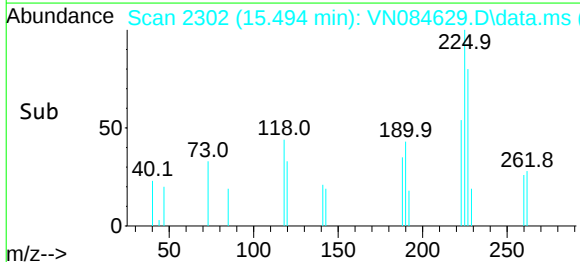
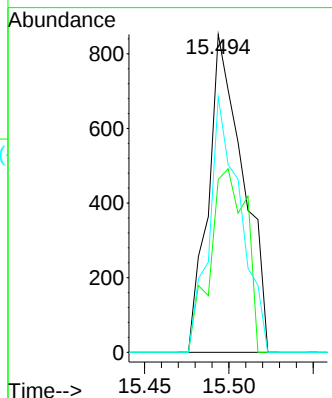
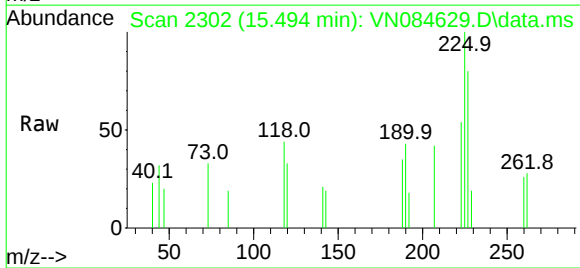
Instrument :

MSVOA_N

ClientSampleId :

VN1101MBL01

Tgt Ion:	225	Resp:	1226
Ion	Ratio	Lower	Upper
225	100		
223	59.8	32.4	97.2
227	71.9	32.4	97.0



#95

Naphthalene

Concen: 1.324 ug/l

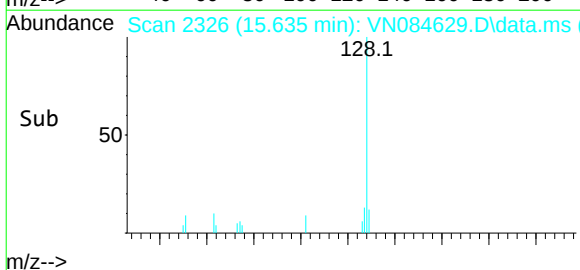
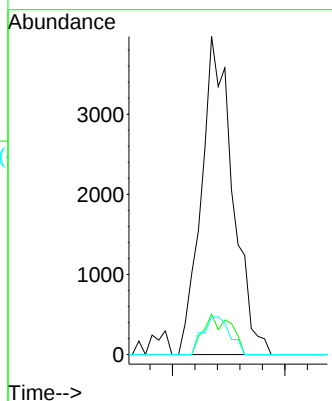
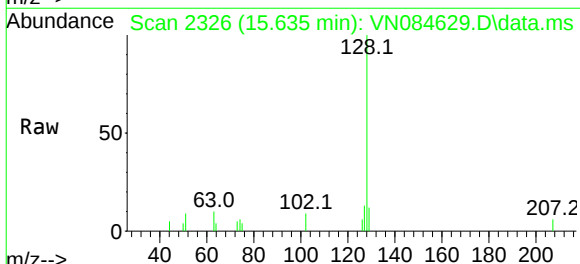
RT: 15.635 min Scan# 2326

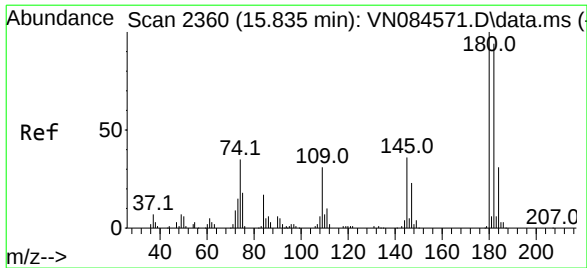
Delta R.T. -0.000 min

Lab File: VN084629.D

Acq: 01 Nov 2024 11:04

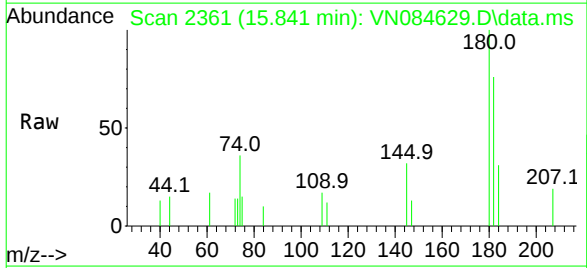
Tgt Ion:	128	Resp:	7714
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.5	15.7
129	10.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.777 ug/l
RT: 15.841 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084629.D
Acq: 01 Nov 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01



Tgt Ion:	180	Resp:	3358
Ion	Ratio	Lower	Upper
180	100		
182	88.6	48.2	144.6
145	33.7	17.3	51.9

