

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081009.D
 Acq On : 12 Feb 2024 17:33
 Operator : JC\MD
 Sample : P1435-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRENCH-020724

Quant Time: Feb 13 03:22:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

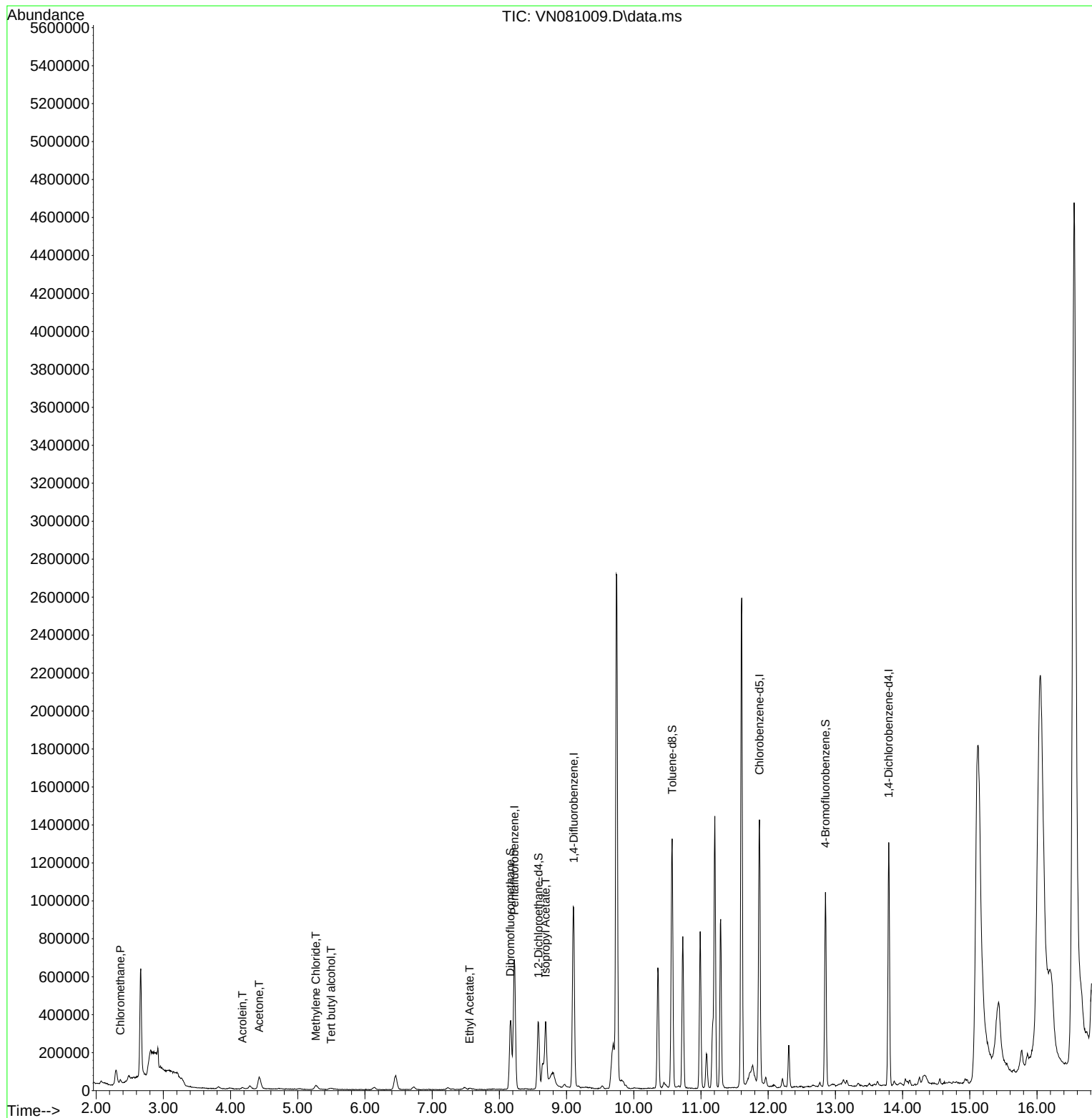
Internal Standards						
1) Pentafluorobenzene	8.224	168	519431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	925707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	867485	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	351425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	285204	43.525	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.060%
35) Dibromofluoromethane	8.165	113	268011	53.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.900%
50) Toluene-d8	10.571	98	935133	52.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.853	95	347578	53.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	20301	2.005	ug/l	92
11) Tert butyl alcohol	5.494	59	7555	8.368	ug/l	97
13) Acrolein	4.177	56	9272	8.148	ug/l	95
16) Acetone	4.424	43	118958	55.180	ug/l	100
20) Methylene Chloride	5.271	84	17561	2.689	ug/l	# 77
37) Ethyl Acetate	7.559	43	7036	1.258	ug/l	# 77
43) Isopropyl Acetate	8.688	43	496975	48.334	ug/l	# 85

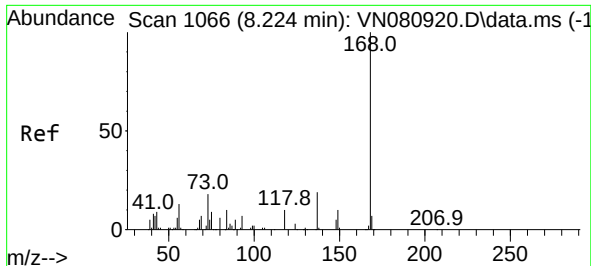
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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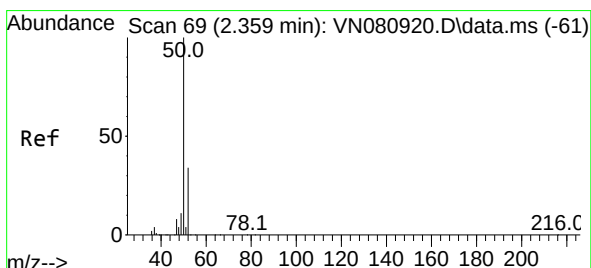
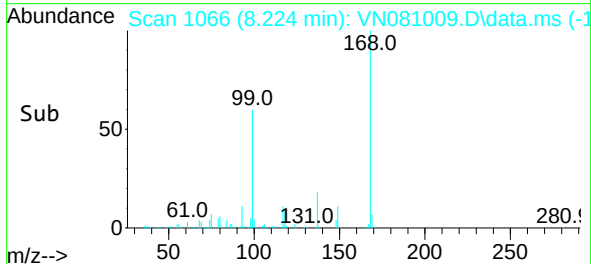
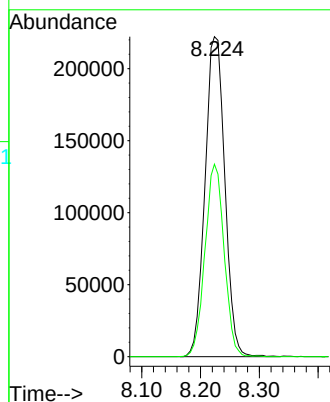
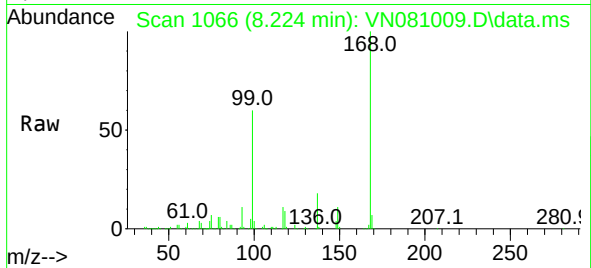




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081009.D
Acq: 12 Feb 2024 17:33

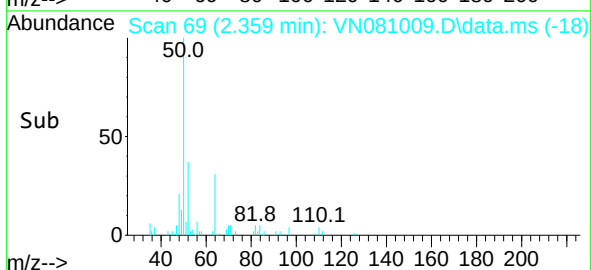
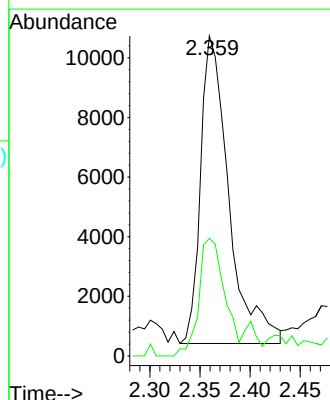
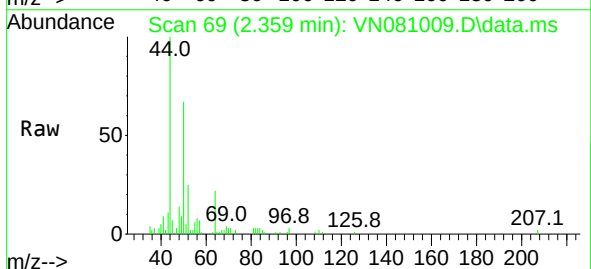
Instrument :
MSVOA_N
ClientSampleId :
FRENCH-020724

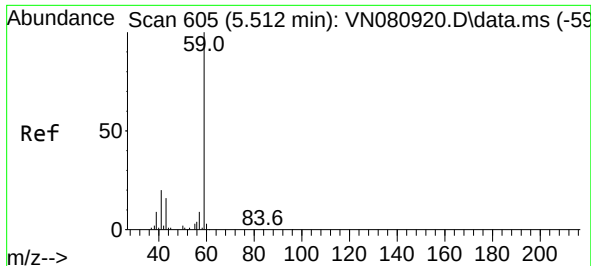
Tgt Ion:168 Resp: 519431
Ion Ratio Lower Upper
168 100
99 60.1 59.9 89.9



#3
Chloromethane
Concen: 2.005 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081009.D
Acq: 12 Feb 2024 17:33

Tgt Ion: 50 Resp: 20301
Ion Ratio Lower Upper
50 100
52 35.8 25.0 37.4

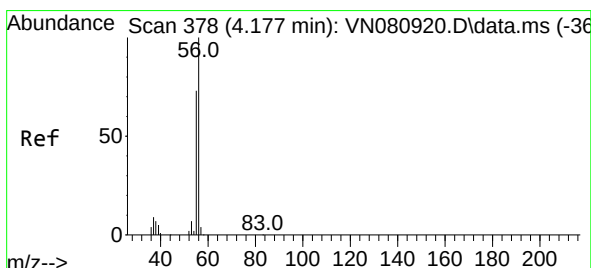
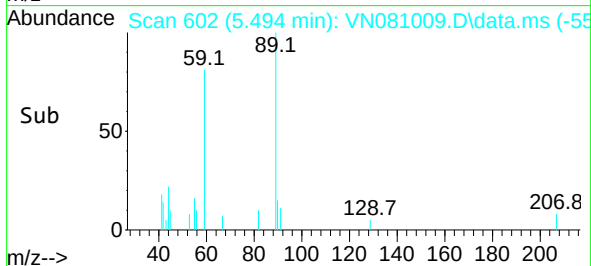
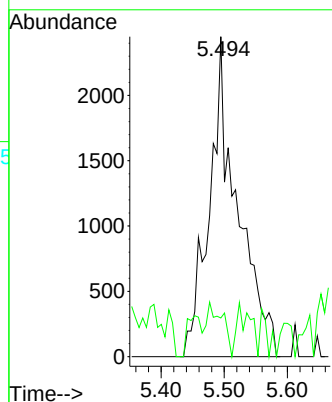
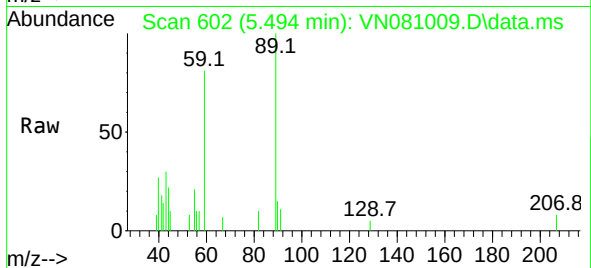




#11
Tert butyl alcohol
Concen: 8.368 ug/l
RT: 5.494 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN081009.D
Acq: 12 Feb 2024 17:33

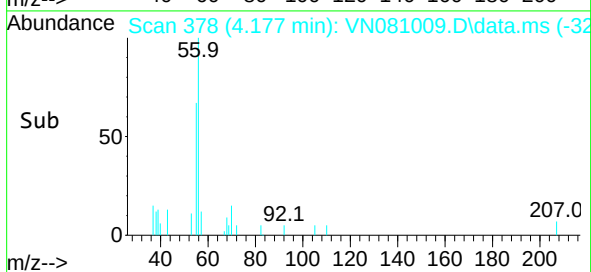
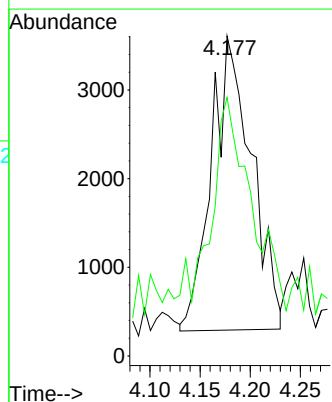
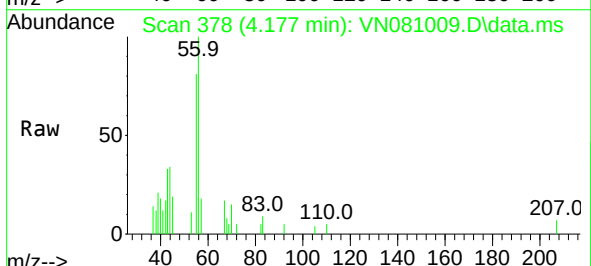
Instrument :
MSVOA_N
ClientSampleId :
FRENCH-020724

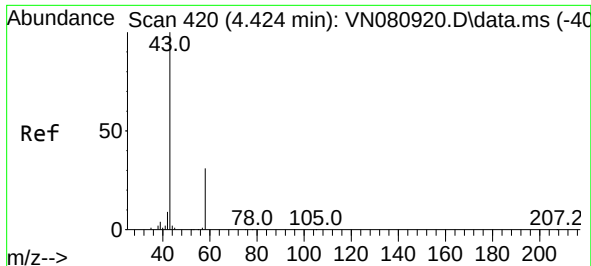
Tgt Ion: 59 Resp: 7555
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8



#13
Acrolein
Concen: 8.148 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081009.D
Acq: 12 Feb 2024 17:33

Tgt Ion: 56 Resp: 9272
Ion Ratio Lower Upper
56 100
55 72.9 55.3 82.9

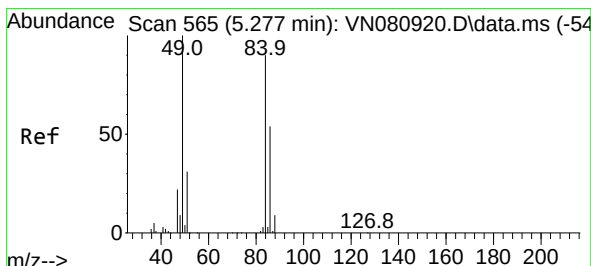
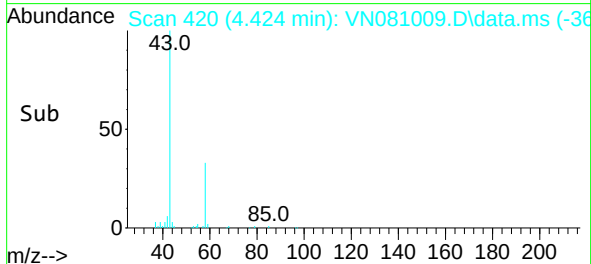
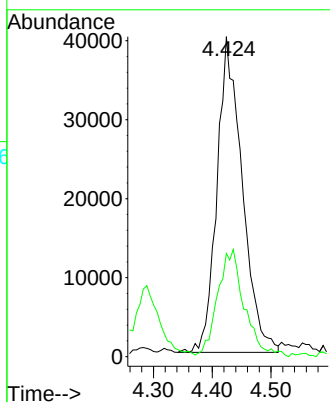
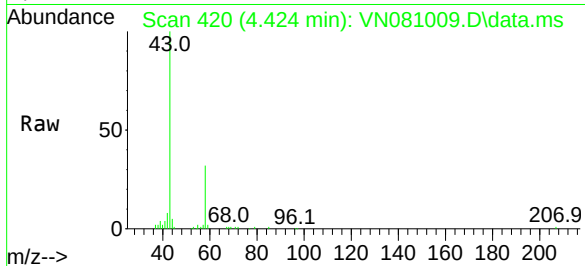




#16
Acetone
Concen: 55.180 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081009.D
Acq: 12 Feb 2024 17:33

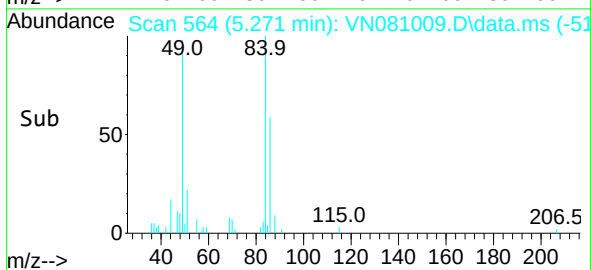
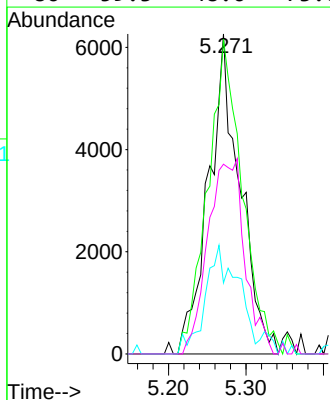
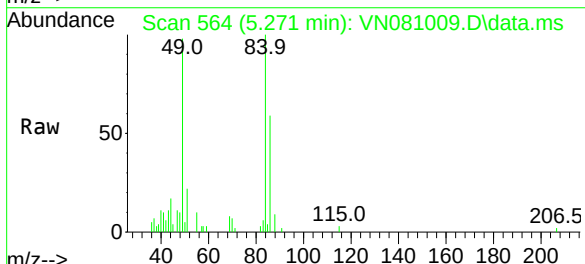
Instrument :
MSVOA_N
ClientSampleId :
FRENCH-020724

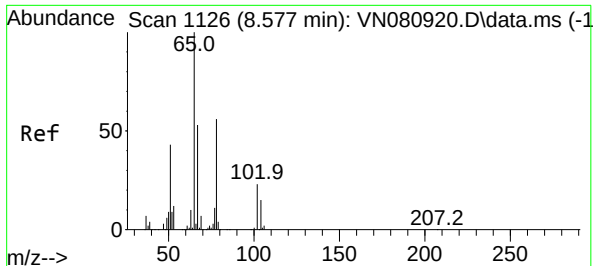
Tgt Ion: 43 Resp: 118958
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2



#20
Methylene Chloride
Concen: 2.689 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081009.D
Acq: 12 Feb 2024 17:33

Tgt Ion: 84 Resp: 17561
Ion Ratio Lower Upper
84 100
49 98.3 108.1 162.1#
51 22.2 32.9 49.3#
86 59.3 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 43.525 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081009.D

Acq: 12 Feb 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

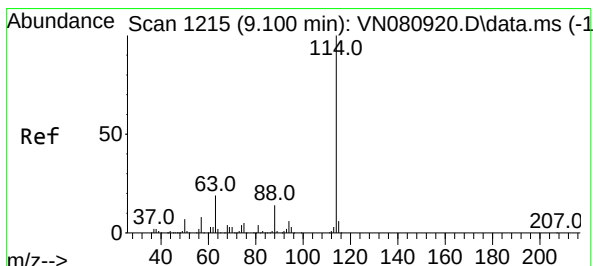
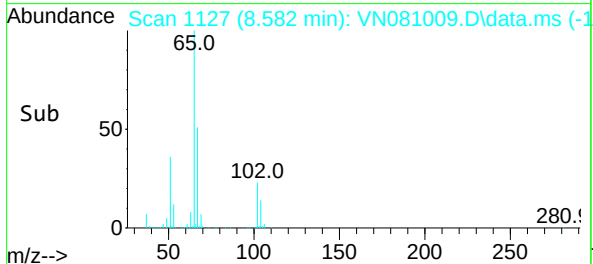
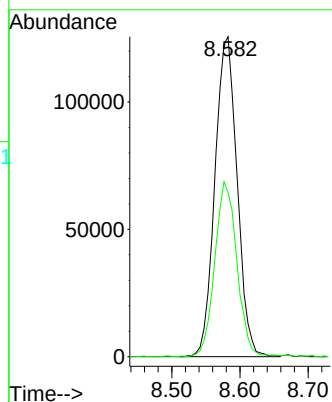
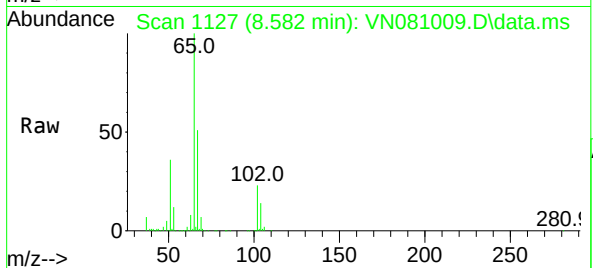
FRENCH-020724

Tgt Ion: 65 Resp: 285204

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081009.D

Acq: 12 Feb 2024 17:33

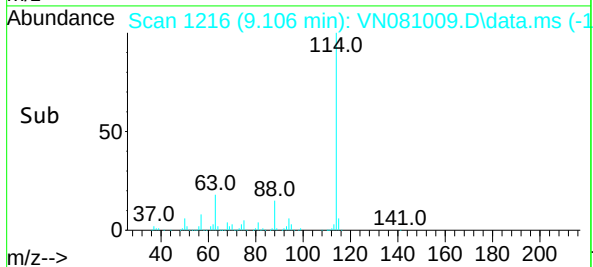
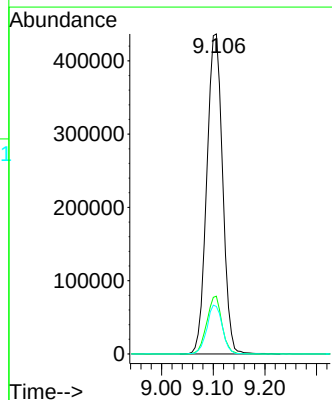
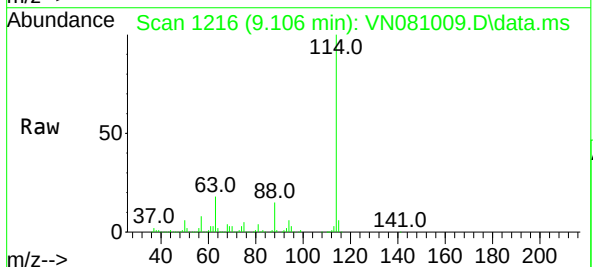
Tgt Ion: 114 Resp: 925707

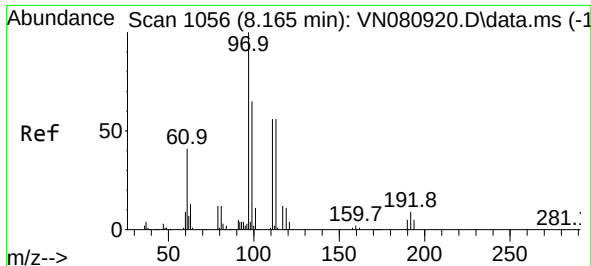
Ion Ratio Lower Upper

114 100

63 18.1 0.0 48.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.955 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081009.D

Acq: 12 Feb 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

FRENCH-020724

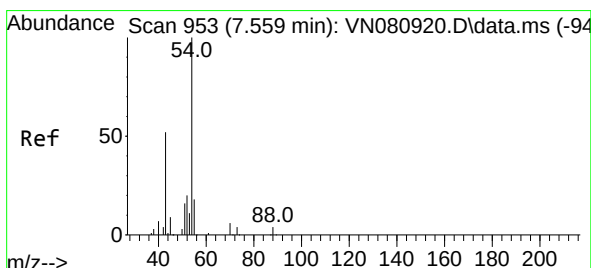
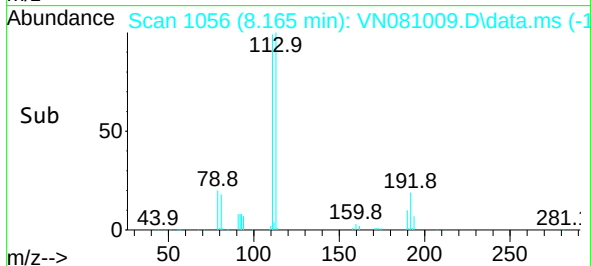
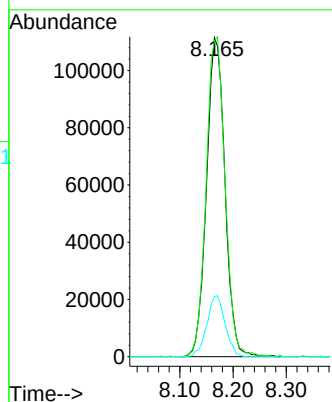
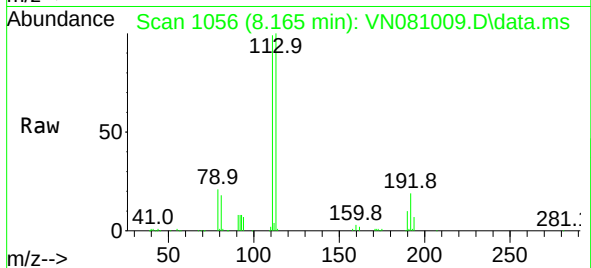
Tgt Ion:113 Resp: 268011

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.9 12.5 18.7#



#37

Ethyl Acetate

Concen: 1.258 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN081009.D

Acq: 12 Feb 2024 17:33

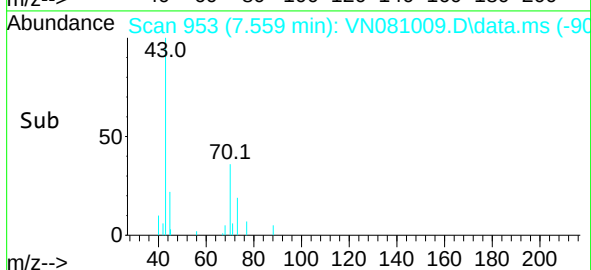
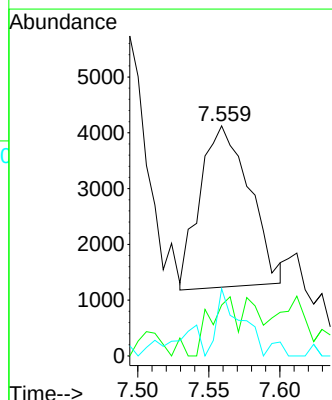
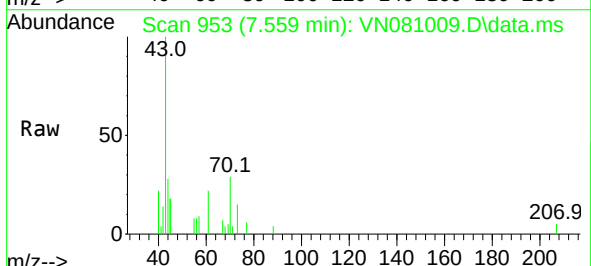
Tgt Ion: 43 Resp: 7036

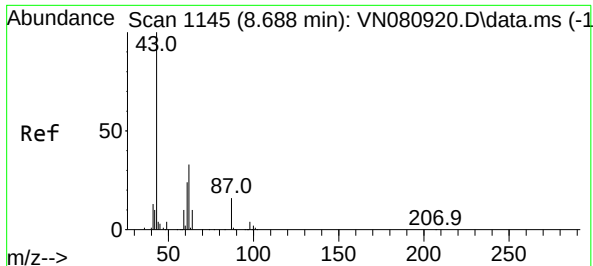
Ion Ratio Lower Upper

43 100

61 19.0 10.6 15.8#

70 22.5 8.0 12.0#





#43

Isopropyl Acetate

Concen: 48.334 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081009.D

Acq: 12 Feb 2024 17:33

Instrument :

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ClientSampleId :

FRENCH-020724

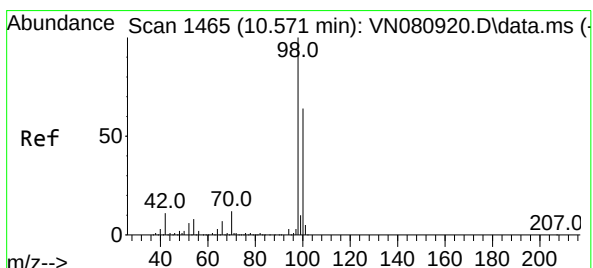
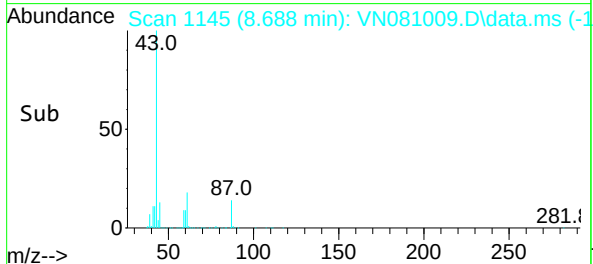
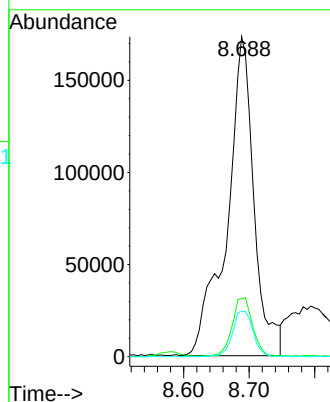
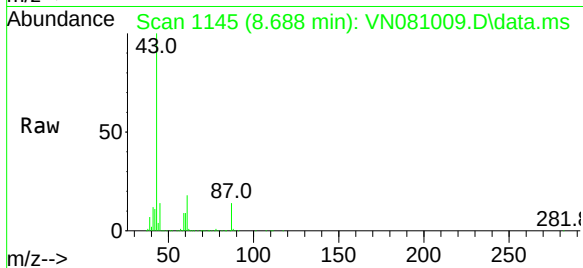
Tgt Ion: 43 Resp: 496975

Ion Ratio Lower Upper

43 100

61 14.1 19.9 29.9#

87 10.9 9.0 13.6



#50

Toluene-d8

Concen: 52.046 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081009.D

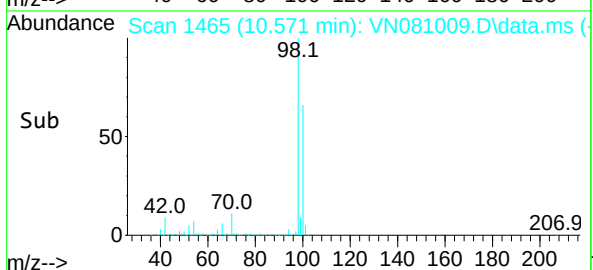
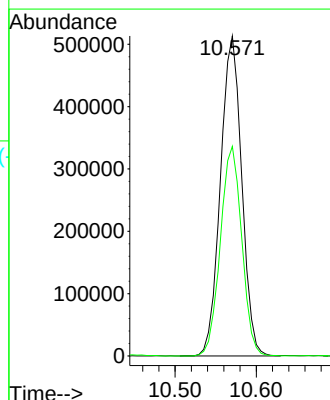
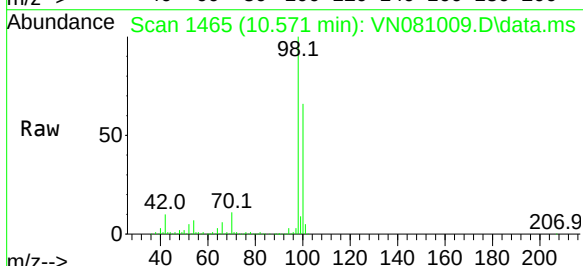
Acq: 12 Feb 2024 17:33

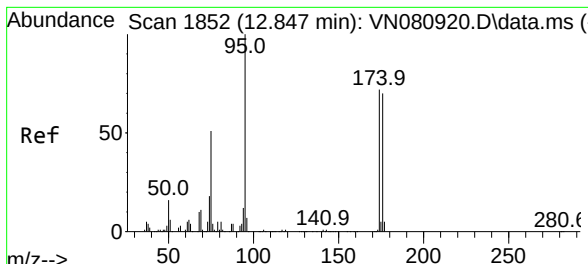
Tgt Ion: 98 Resp: 935133

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0

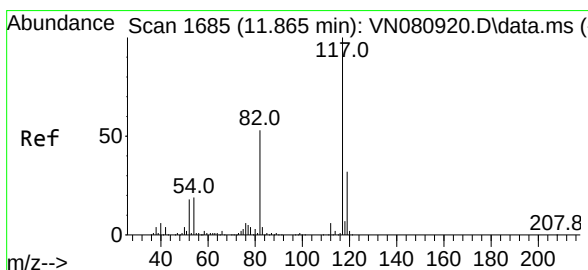
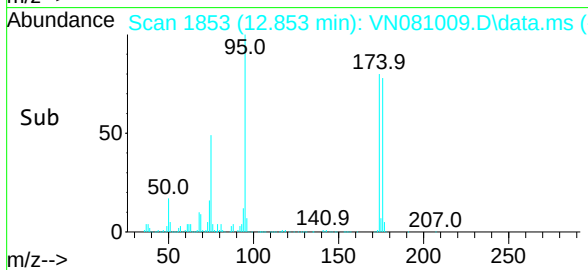
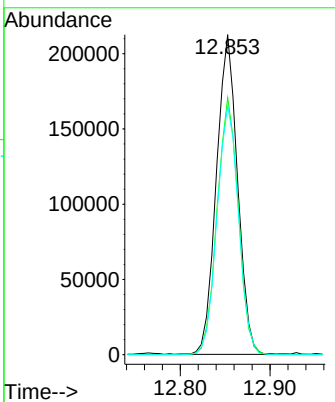
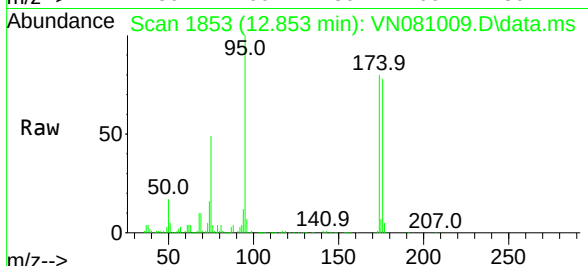




#62
 4-Bromofluorobenzene
 Concen: 53.252 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN081009.D
 Acq: 12 Feb 2024 17:33

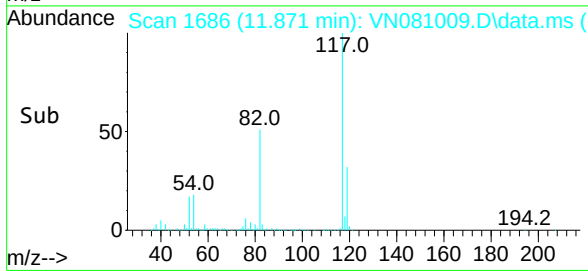
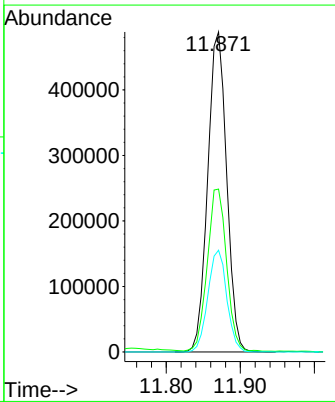
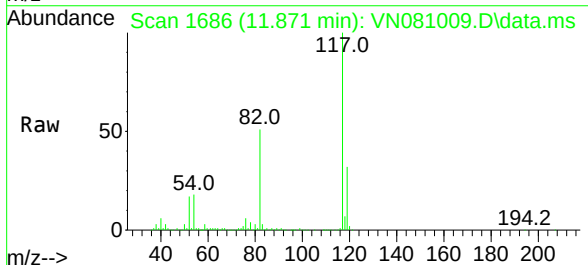
Instrument :
 MSVOA_N
 ClientSampleId :
 FRENCH-020724

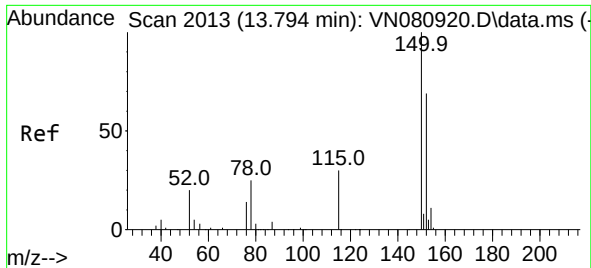
Tgt Ion:	95	Resp:	347578
Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	120.4
176	79.0	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081009.D
 Acq: 12 Feb 2024 17:33

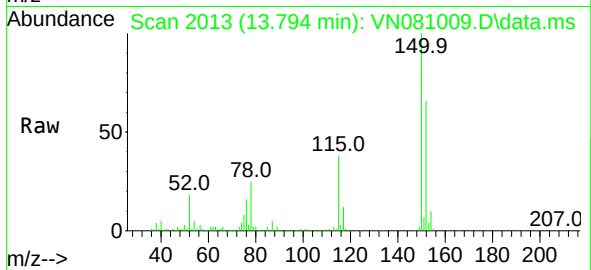
Tgt Ion:	117	Resp:	867485
Ion	Ratio	Lower	Upper
117	100		
82	50.7	52.7	79.1#
119	31.8	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081009.D
 Acq: 12 Feb 2024 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FRENCH-020724



Tgt Ion:152 Resp: 351425
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 159.9 0.0 339.8

