

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078391.D
 Acq On : 09 Feb 2024 17:56
 Operator : RP/MD
 Sample : P1435-03
 Misc : 5.96G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FRENCH-020724

Quant Time: Feb 09 23:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

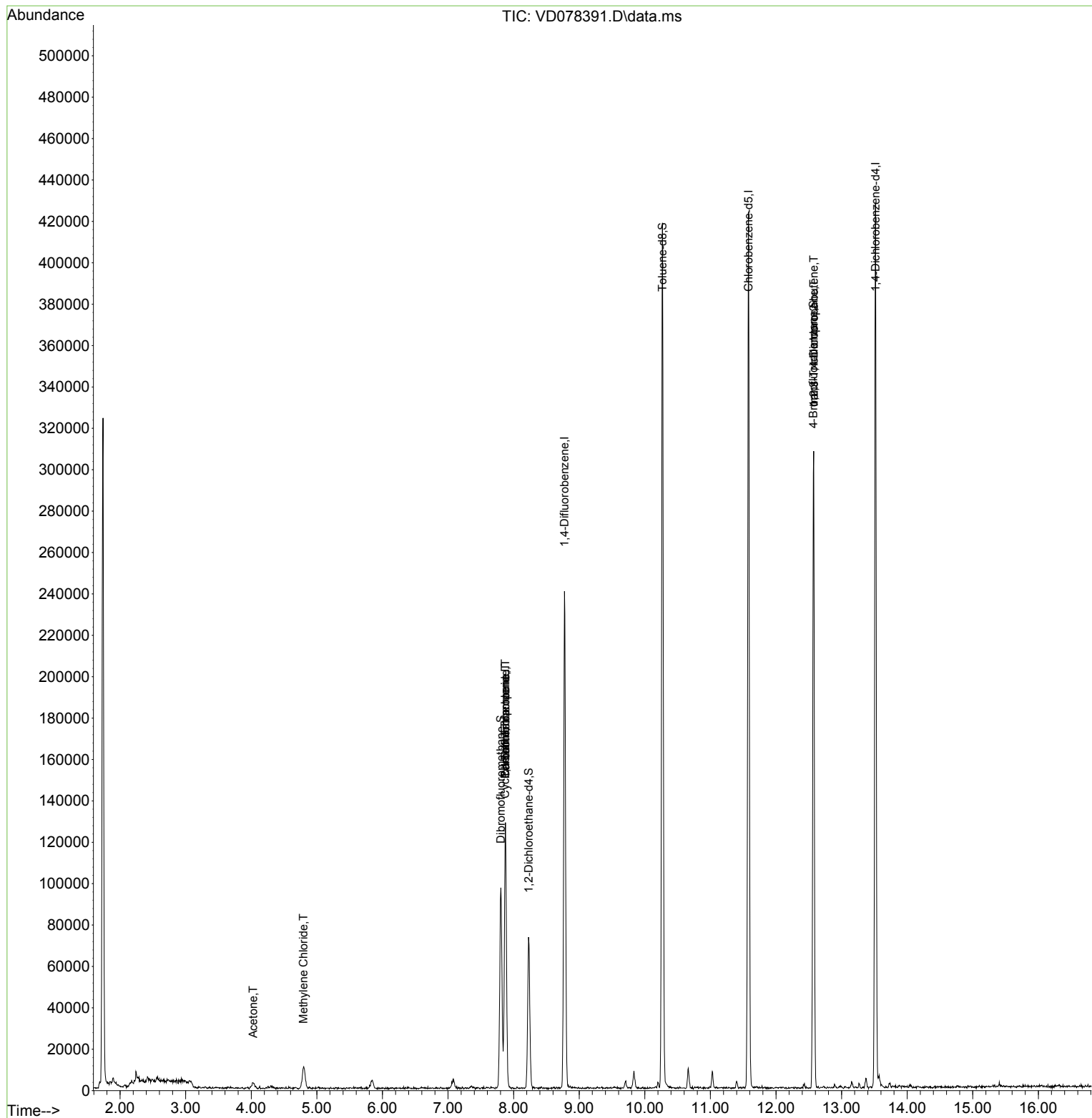
Internal Standards						
1) Pentafluorobenzene	7.875	168	89728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	208055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54702	49.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.805	113	69551	46.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.269	98	282748	50.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.569	95	92451	55.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.100%
Target Compounds						
					Qvalue	
13) Acrolein	3.799	56	57	Below Cal	#	15
16) Acetone	4.028	43	5362	6.239	ug/l #	74
20) Methylene Chloride	4.793	84	8230	3.475	ug/l #	86
31) Cyclohexane	7.869	56	2629	1.264	ug/l #	47
36) 1,1-Dichloropropene	7.875	75	8936	3.638	ug/l #	46
38) Carbon Tetrachloride	7.875	117	10012	4.146	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	51367	45.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51367	90.470	ug/l #	17

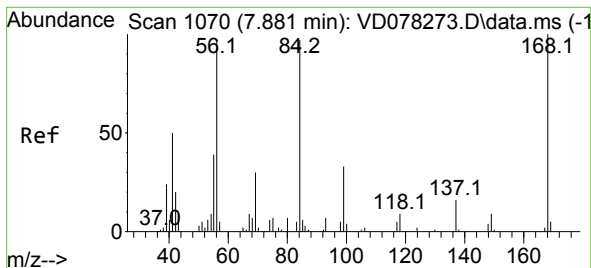
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

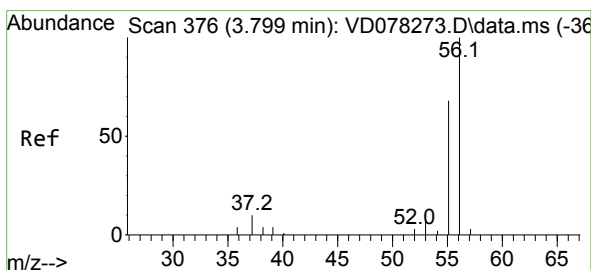
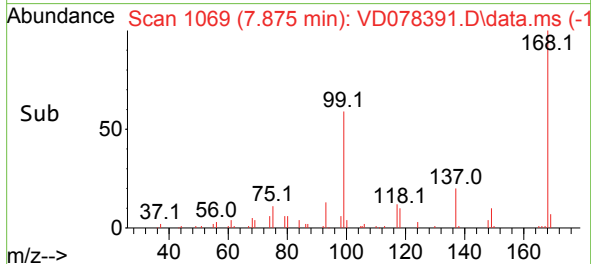
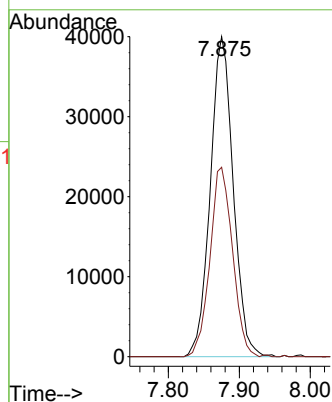
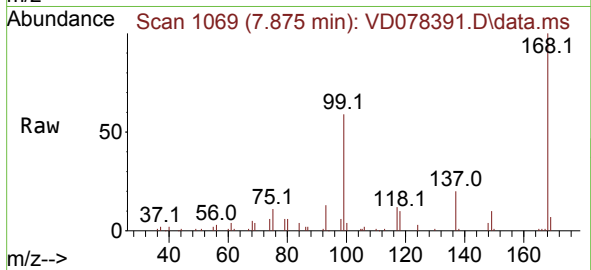
FRENCH-020724

Tgt Ion:168 Resp: 89728

Ion Ratio Lower Upper

168 100

99 59.2 36.7 55.1#



#13

Acrolein

Concen: Below Cal

RT: 3.799 min Scan# 376

Delta R.T. -0.000 min

Lab File: VD078391.D

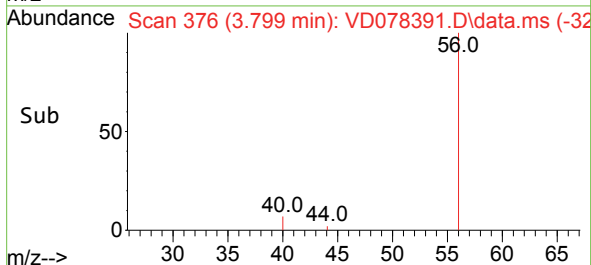
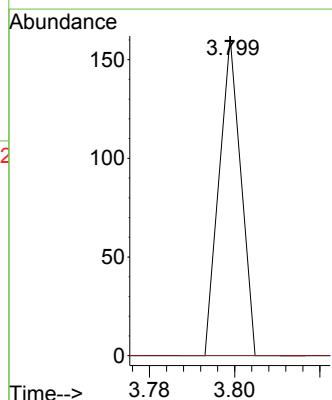
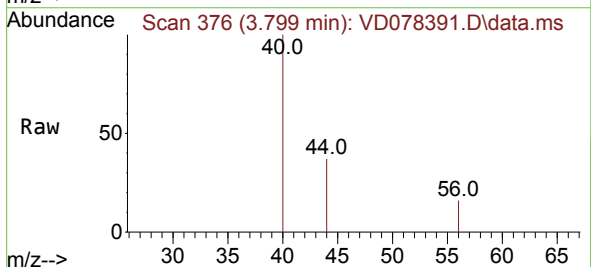
Acq: 09 Feb 2024 17:56

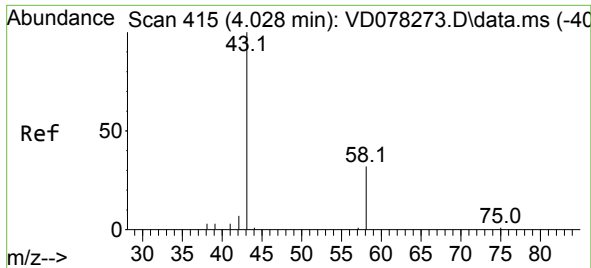
Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#





#16

Acetone

Concen: 6.239 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

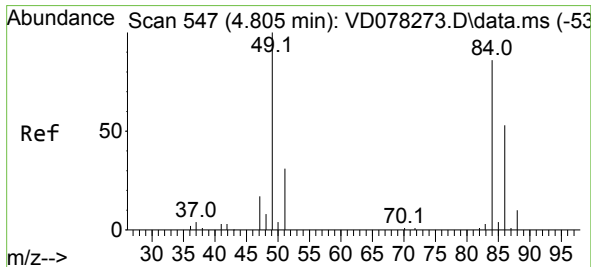
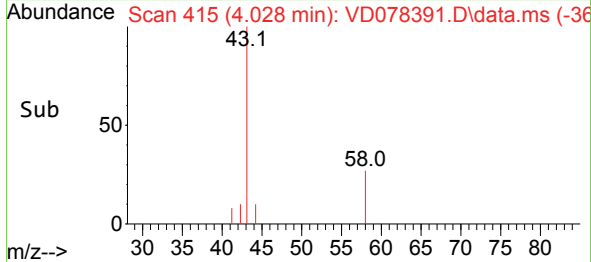
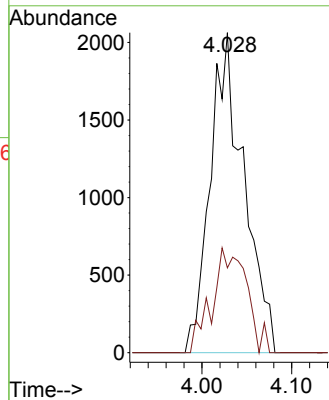
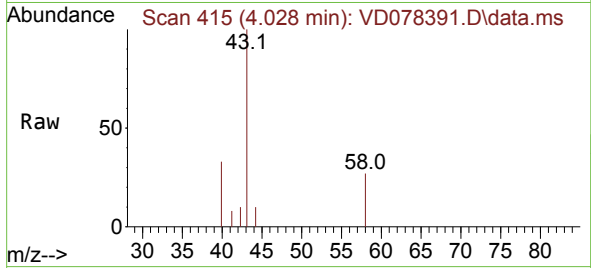
FRENCH-020724

Tgt Ion: 43 Resp: 5362

Ion Ratio Lower Upper

43 100

58 26.5 34.7 52.1#



#20

Methylene Chloride

Concen: 3.475 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Tgt Ion: 84 Resp: 8230

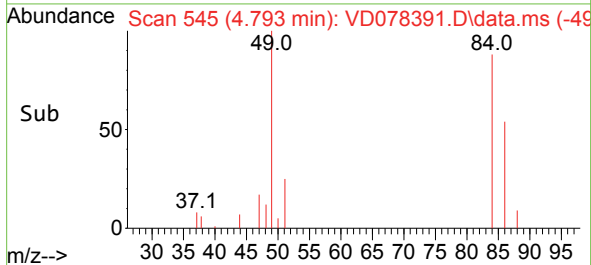
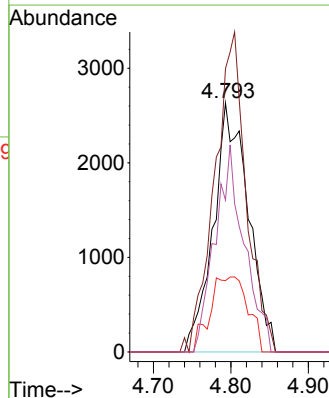
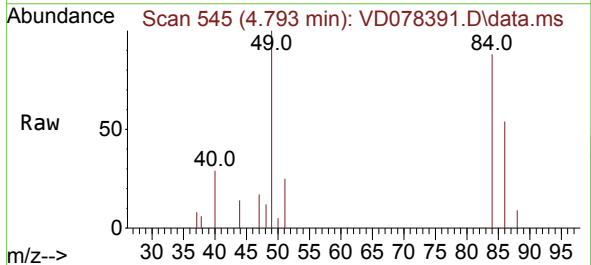
Ion Ratio Lower Upper

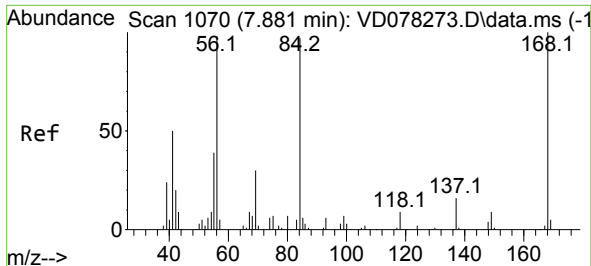
84 100

49 113.8 71.4 107.2#

51 28.7 24.5 36.7

86 61.0 48.7 73.1

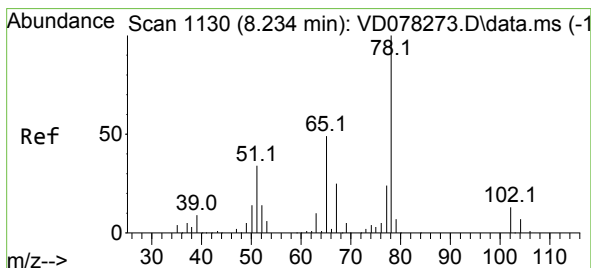
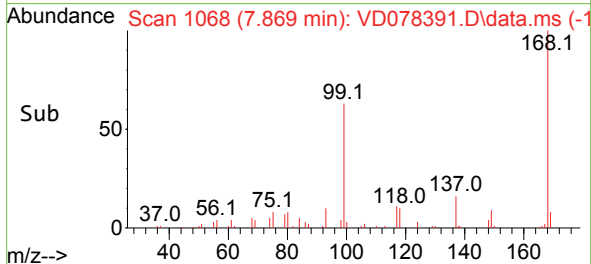
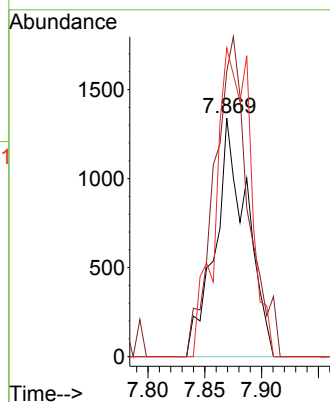
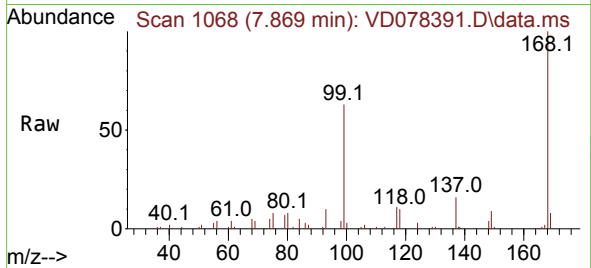




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.869 min Scan# 1107
Delta R.T. -0.012 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

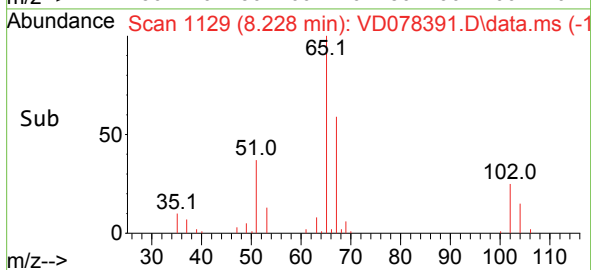
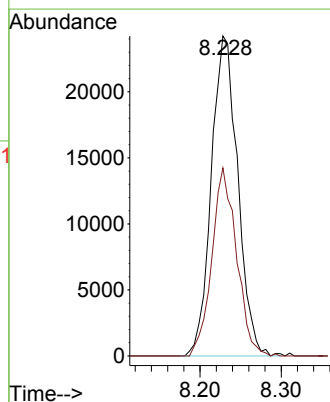
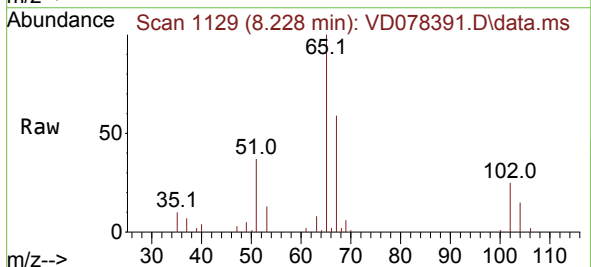
Instrument :
MSVOA_D
ClientSampleId :
FRENCH-020724

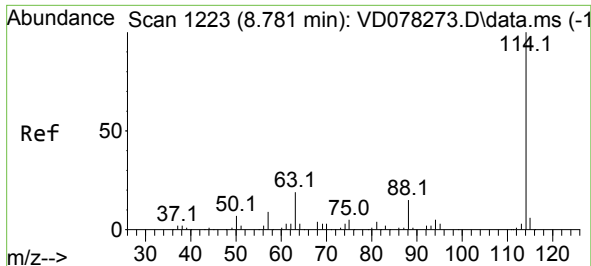
Tgt Ion: 56 Resp: 2629
Ion Ratio Lower Upper
56 100
69 119.5 28.6 43.0#
84 129.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 49.247 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Tgt Ion: 65 Resp: 54702
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

FRENCH-020724

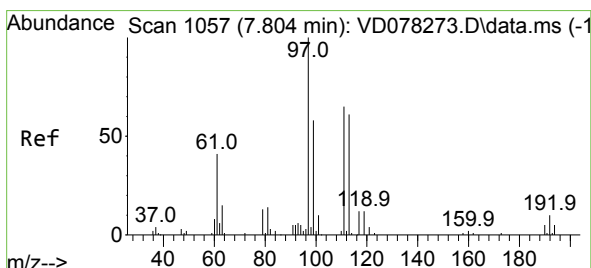
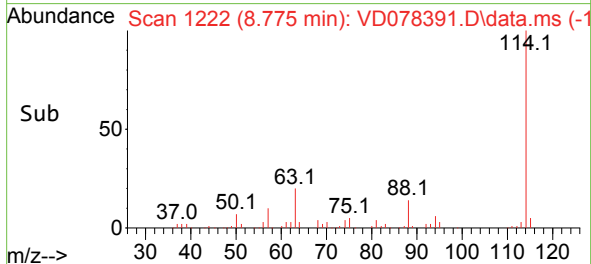
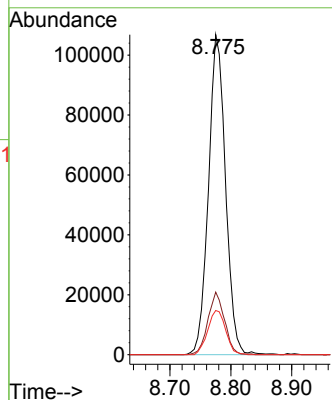
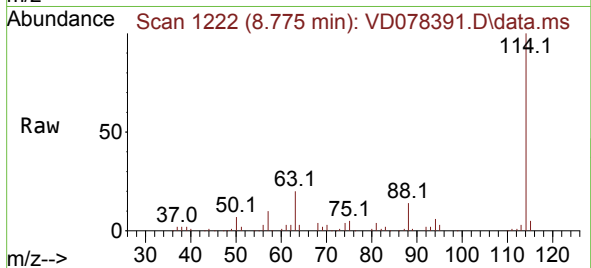
Tgt Ion:114 Resp: 208055

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.956 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

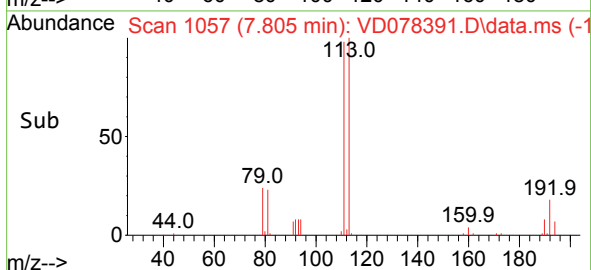
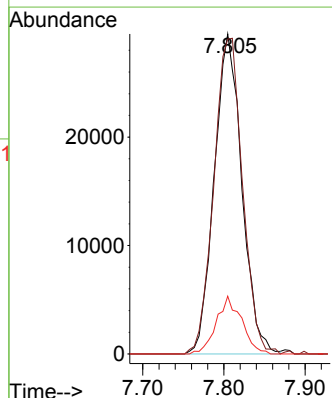
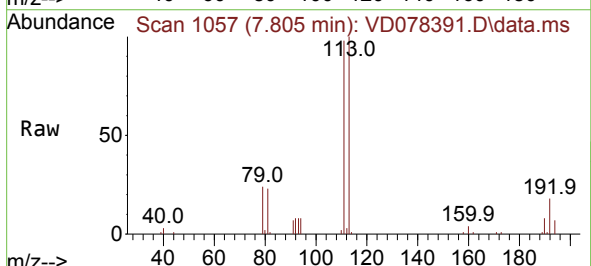
Tgt Ion:113 Resp: 69551

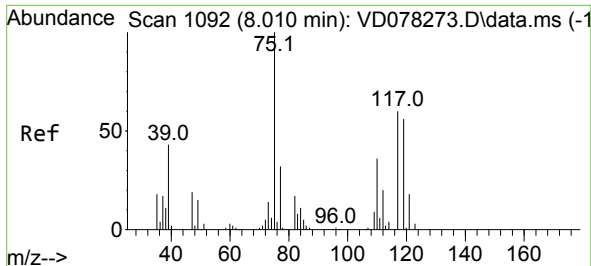
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 16.6 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 3.638 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

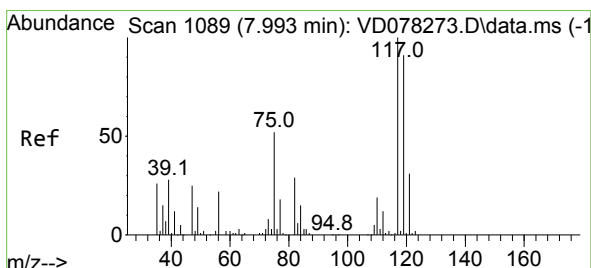
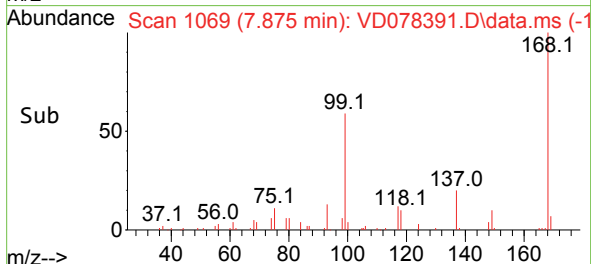
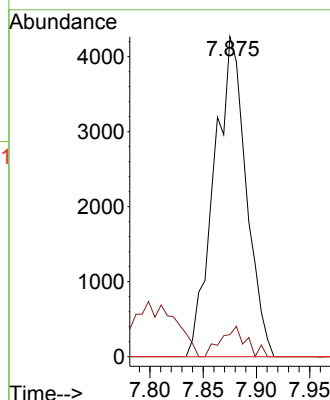
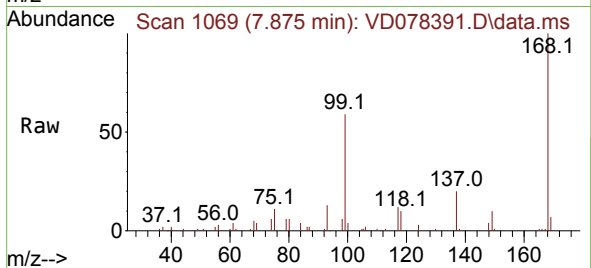
Instrument :

MSVOA_D

ClientSampleId :

FRENCH-020724

Tgt Ion: 75	Resp: 8936
Ion Ratio	Lower Upper
75	100
110	7.4 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.146 ug/l

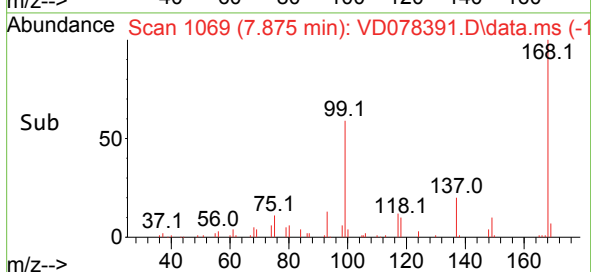
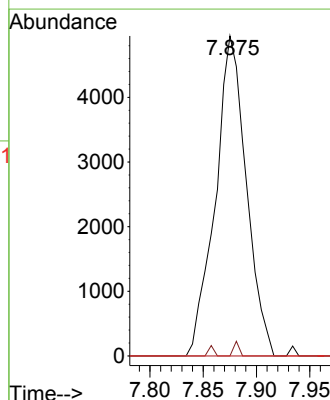
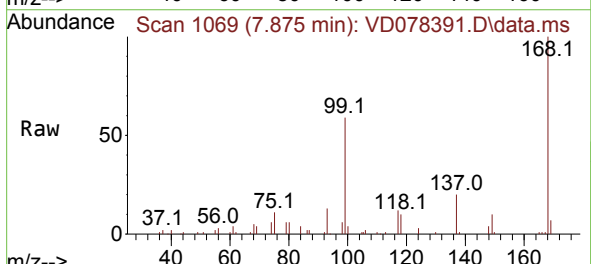
RT: 7.875 min Scan# 1069

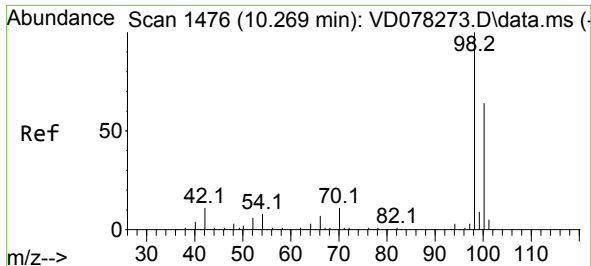
Delta R.T. -0.117 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Tgt Ion: 117	Resp: 10012
Ion Ratio	Lower Upper
117	100
119	0.0 78.0 117.0#
121	0.0 24.2 36.2#

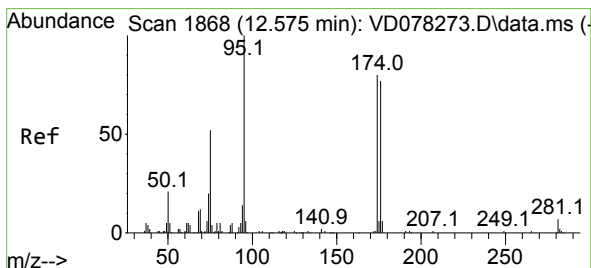
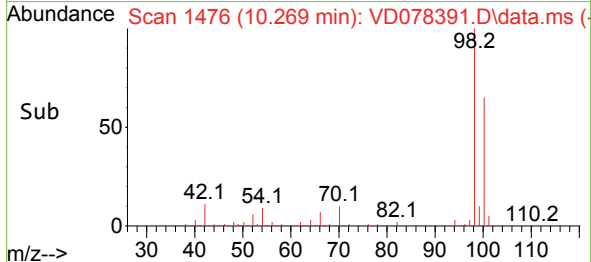
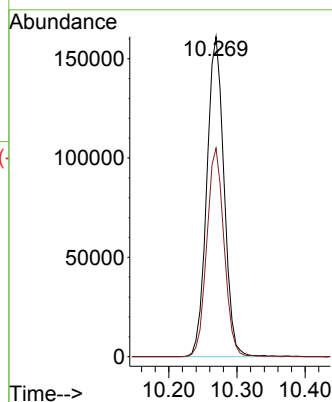
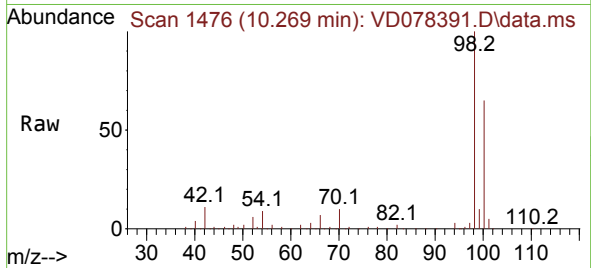




#50
Toluene-d8
Concen: 50.420 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

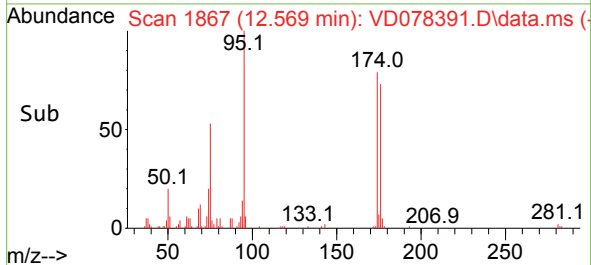
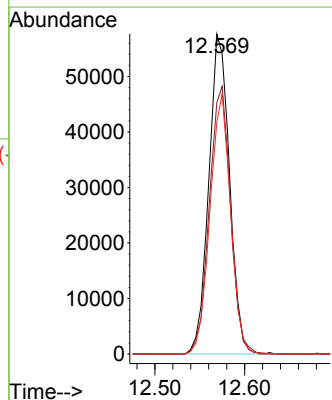
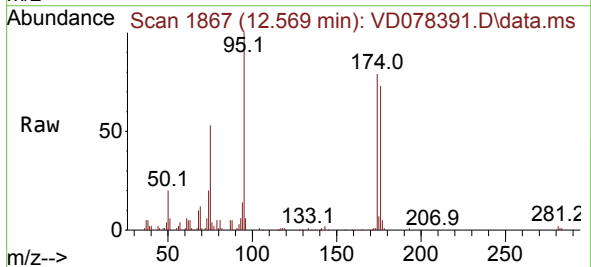
Instrument :
MSVOA_D
ClientSampleId :
FRENCH-020724

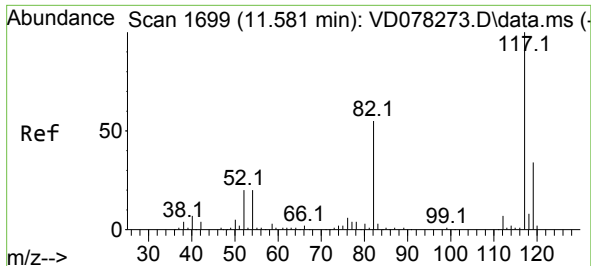
Tgt Ion: 98 Resp: 282748
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.050 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Tgt Ion: 95 Resp: 92451
Ion Ratio Lower Upper
95 100
174 85.3 0.0 201.8
176 80.6 0.0 191.8

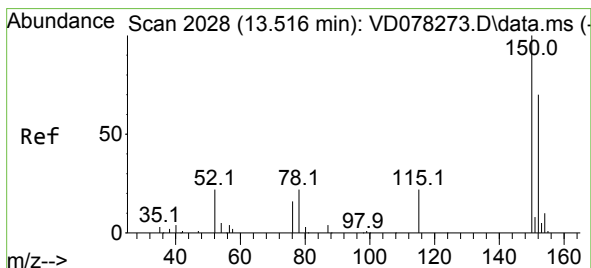
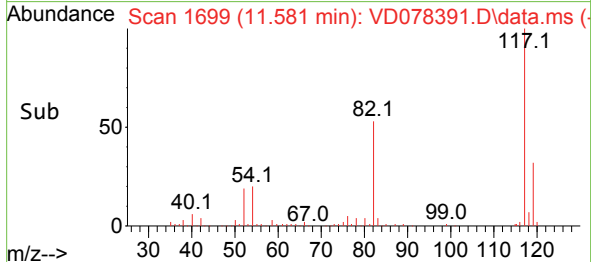
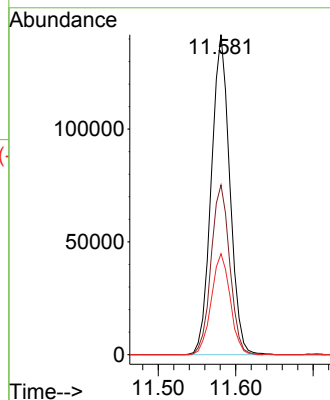
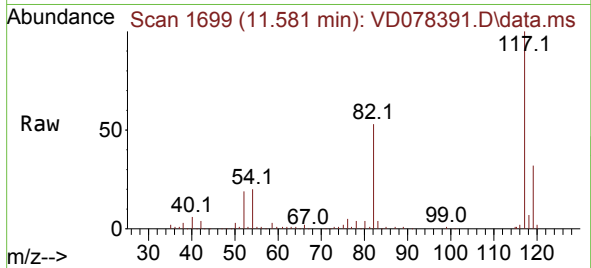




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

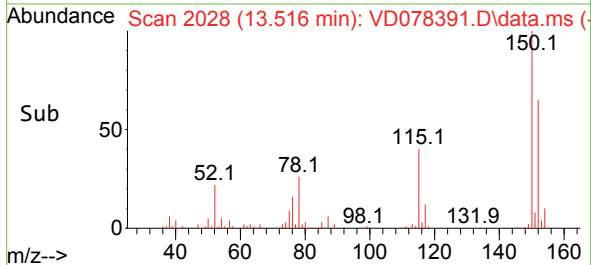
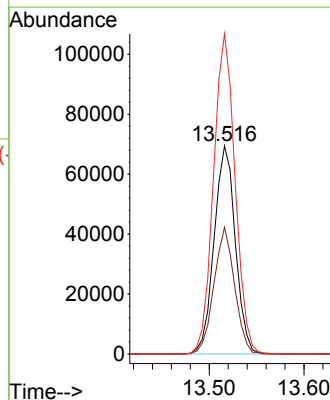
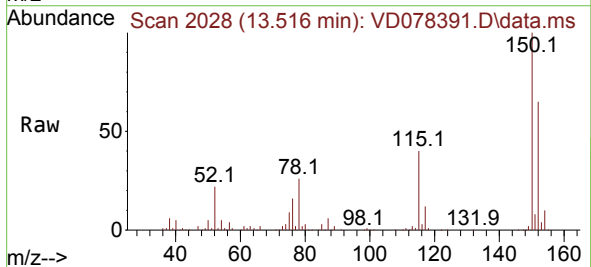
Instrument :
MSVOA_D
ClientSampleId :
FRENCH-020724

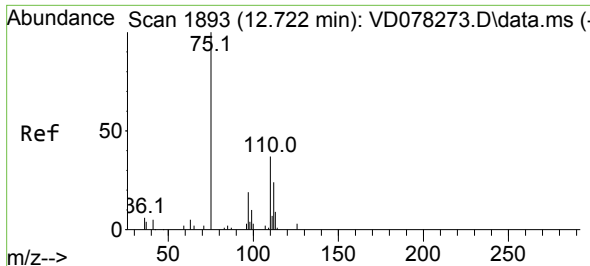
Tgt Ion:117 Resp: 235629
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Tgt Ion:152 Resp: 108038
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 156.3 0.0 353.6

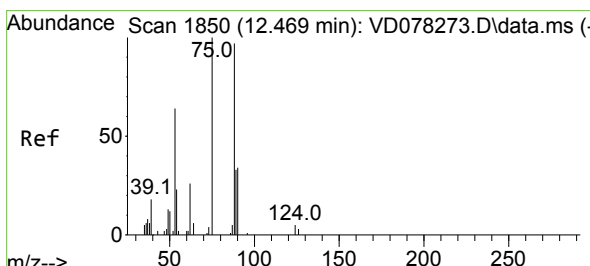
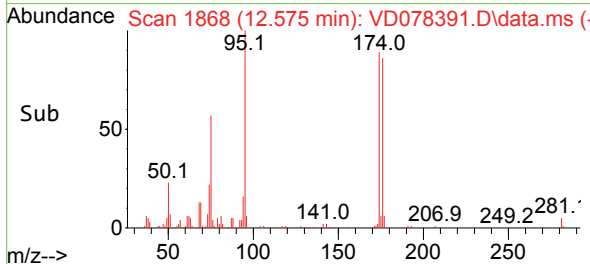
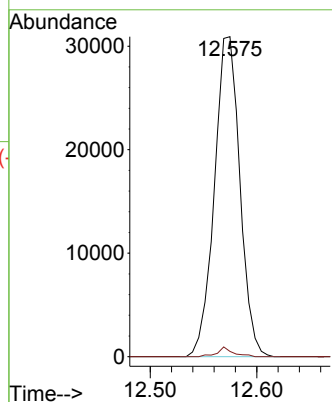
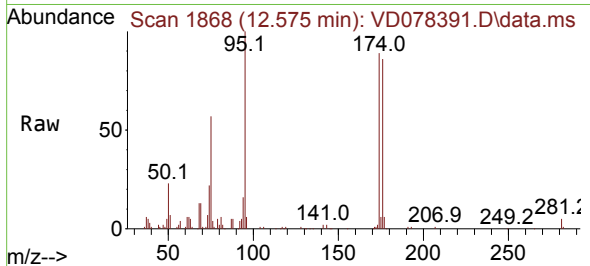




#76
1,2,3-Trichloropropane
Concen: 45.490 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Instrument :
MSVOA_D
ClientSampleId :
FRENCH-020724

Tgt Ion: 75 Resp: 51367
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.470 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Tgt Ion: 75 Resp: 51367
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

