

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017364.D
 Acq On : 12 Feb 2024 19:29
 Operator : SY/MD
 Sample : P1435-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRENCH-020724

Quant Time: Feb 13 01:31:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

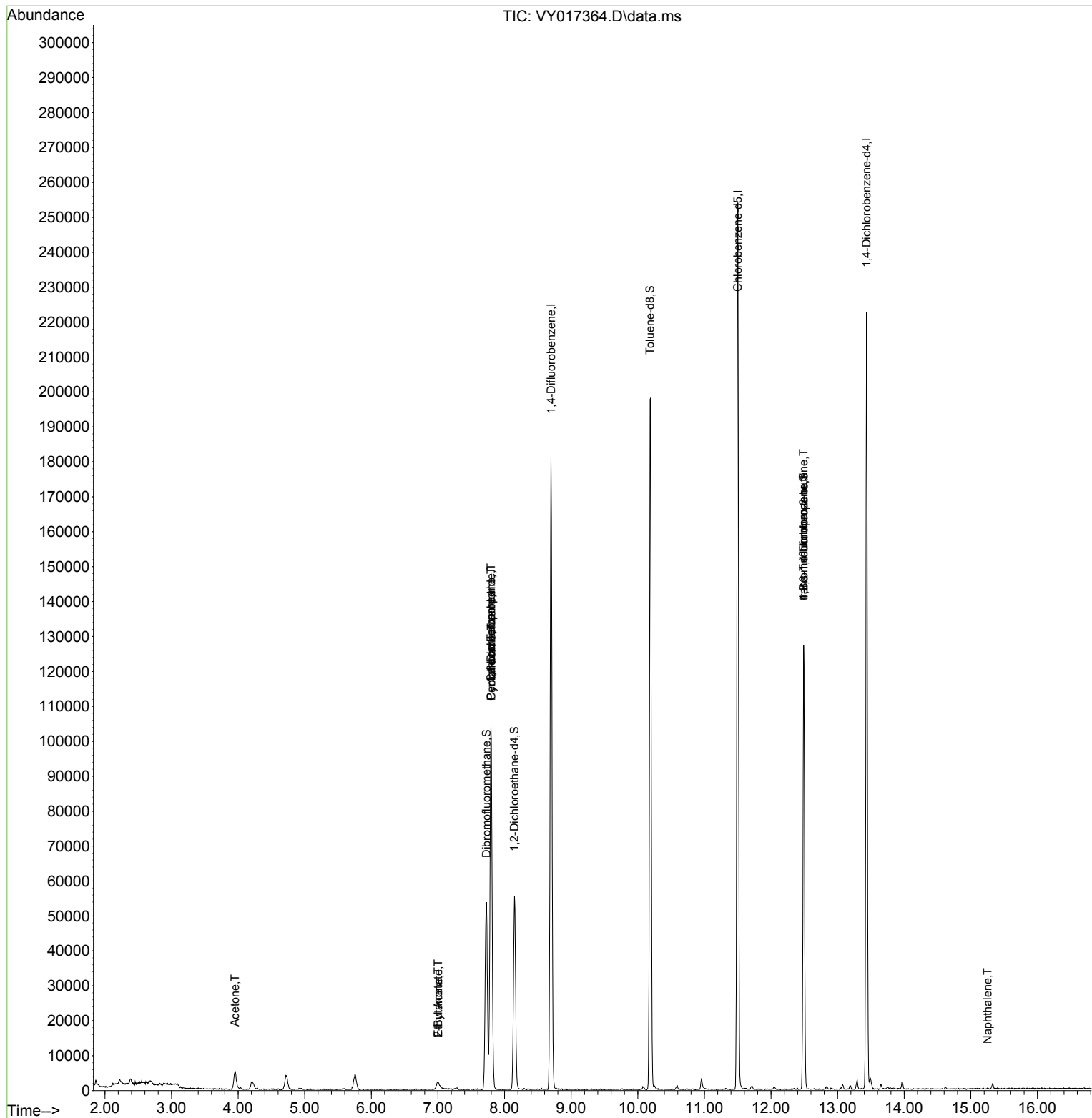
Internal Standards						
1) Pentafluorobenzene	7.801	168	79672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	155695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	140799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	54239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42213	59.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.620%	
35) Dibromofluoromethane	7.728	113	39366	46.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.660%	
50) Toluene-d8	10.185	98	132658	43.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.680%	
62) 4-Bromofluorobenzene	12.489	95	38518	38.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	312	Below Cal	#	75
16) Acetone	3.954	43	9090	43.453	ug/l	99
25) 2-Butanone	7.003	43	1887	6.785	ug/l	96
31) Cyclohexane	7.801	56	1828	1.274	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	6590	4.545	ug/l #	49
37) Ethyl Acetate	7.003	43	1887	2.806	ug/l #	69
38) Carbon Tetrachloride	7.795	117	7672	5.526	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	20221	40.392	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	20221	83.929	ug/l #	12
95) Naphthalene	15.251	128	188	3.545	ug/l #	69

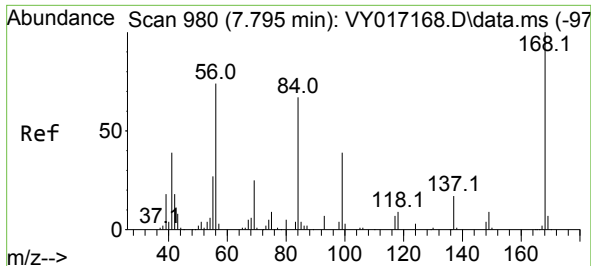
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
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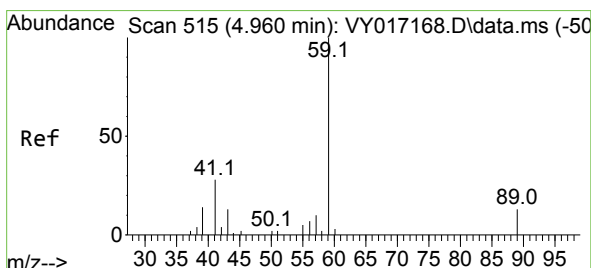
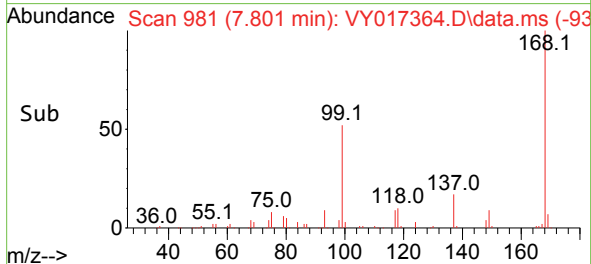
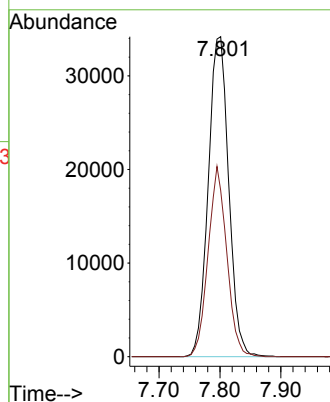
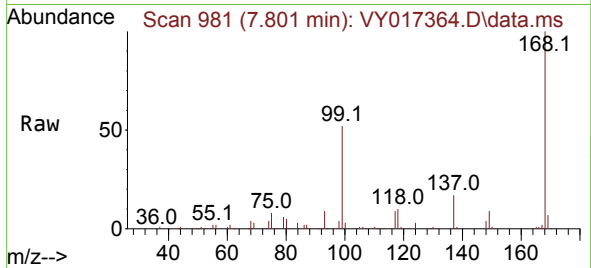




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

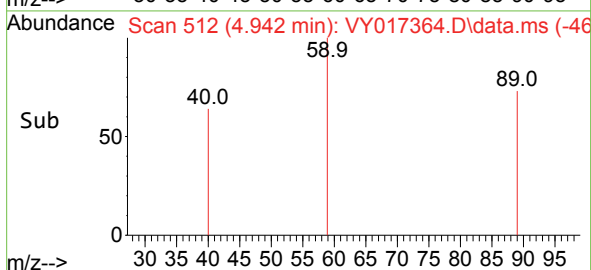
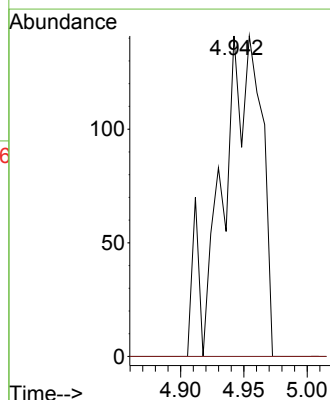
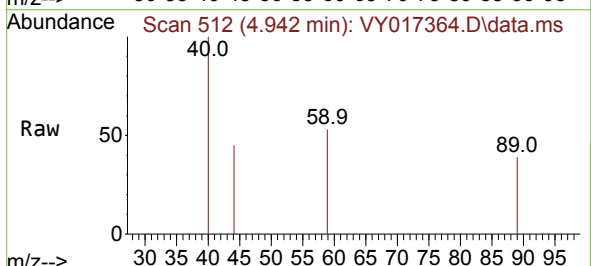
Instrument :
MSVOA_Y
ClientSampleId :
FRENCH-020724

Tgt Ion:168 Resp: 79672
Ion Ratio Lower Upper
168 100
99 51.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 43.453 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.007 min

Lab File: VY017364.D

Acq: 12 Feb 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

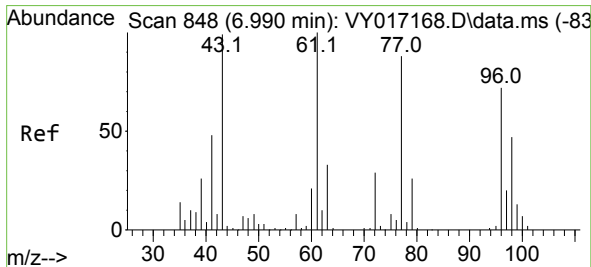
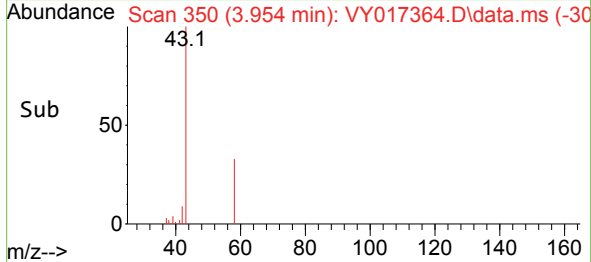
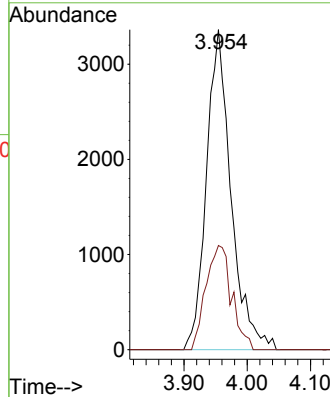
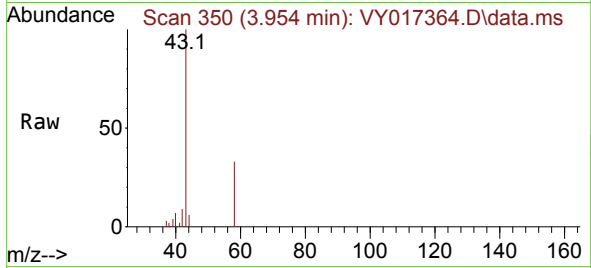
FRENCH-020724

Tgt Ion: 43 Resp: 9090

Ion Ratio Lower Upper

43 100

58 32.5 26.6 39.8



#25

2-Butanone

Concen: 6.785 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.013 min

Lab File: VY017364.D

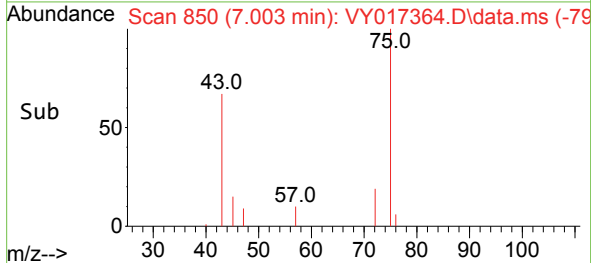
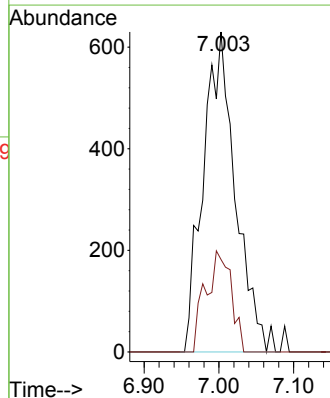
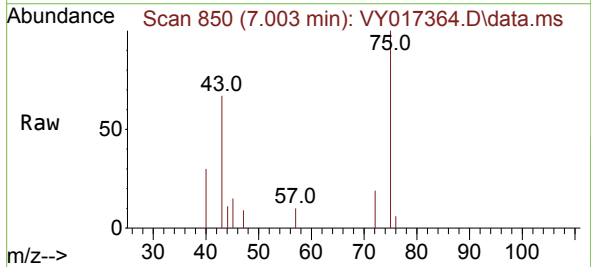
Acq: 12 Feb 2024 19:29

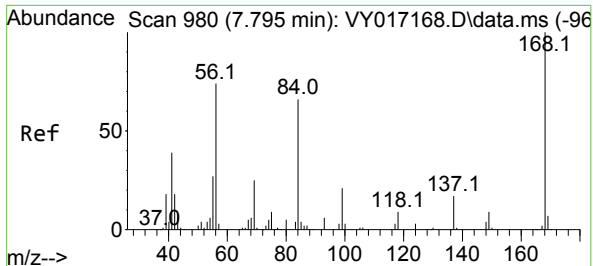
Tgt Ion: 43 Resp: 1887

Ion Ratio Lower Upper

43 100

72 28.9 21.4 32.2

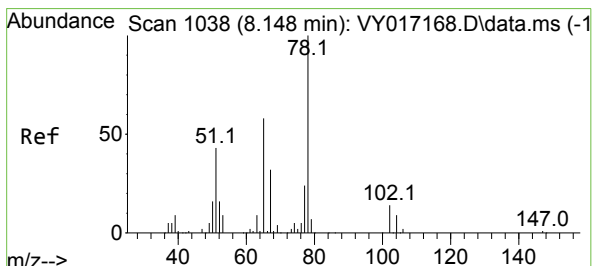
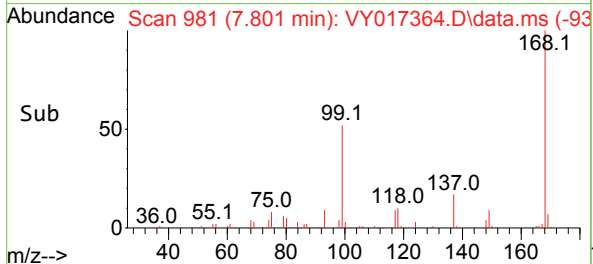
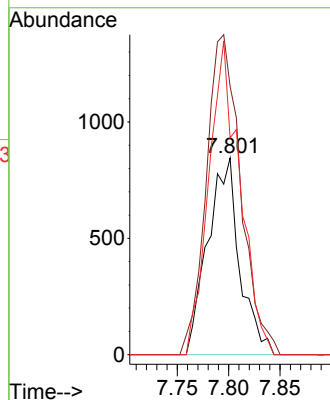
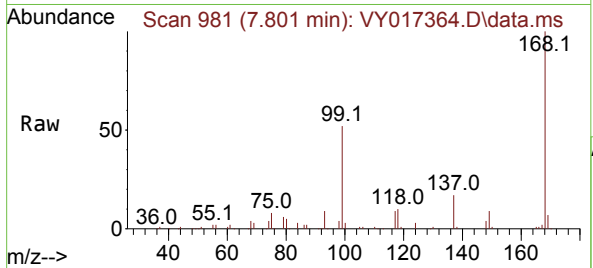




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

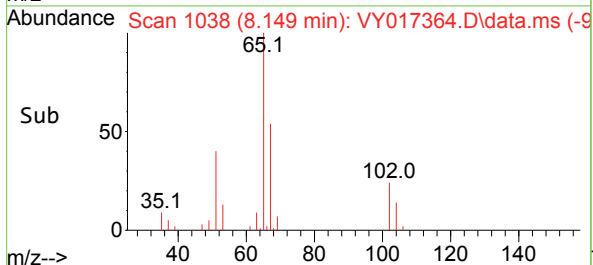
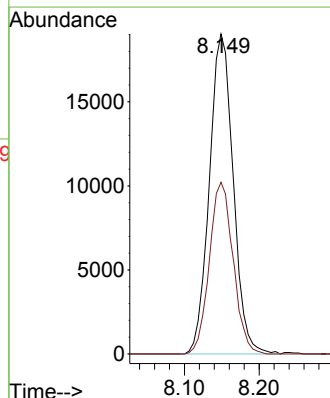
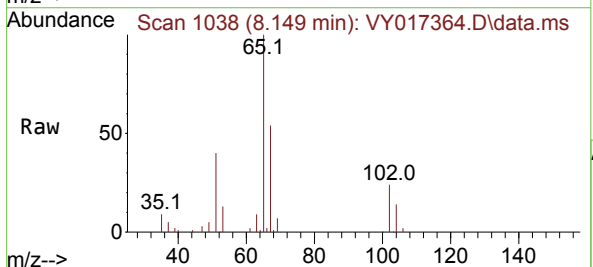
Instrument :
MSVOA_Y
ClientSampleId :
FRENCH-020724

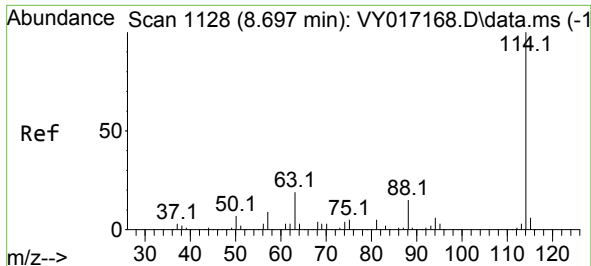
Tgt Ion: 56 Resp: 1828
Ion Ratio Lower Upper
56 100
69 136.2 27.0 40.6#
84 110.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 59.310 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

Tgt Ion: 65 Resp: 42213
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.001 min

Lab File: VY017364.D

Acq: 12 Feb 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

FRENCH-020724

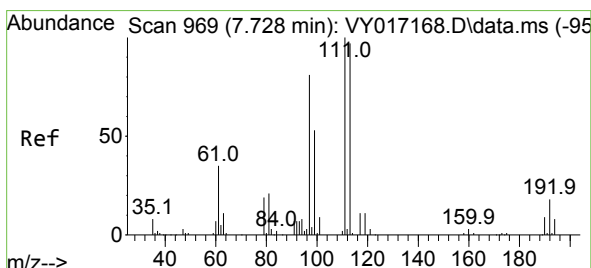
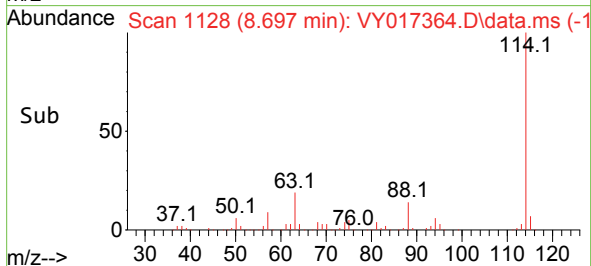
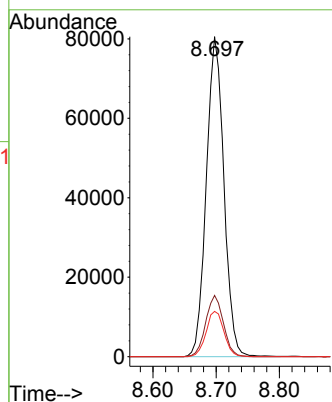
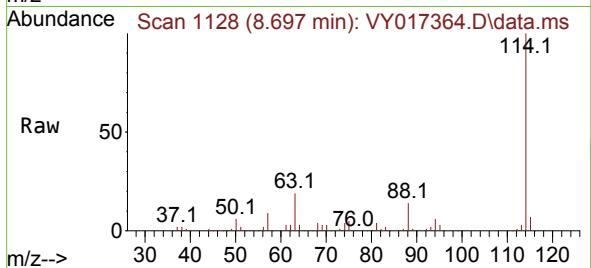
Tgt Ion:114 Resp: 155695

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.828 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.001 min

Lab File: VY017364.D

Acq: 12 Feb 2024 19:29

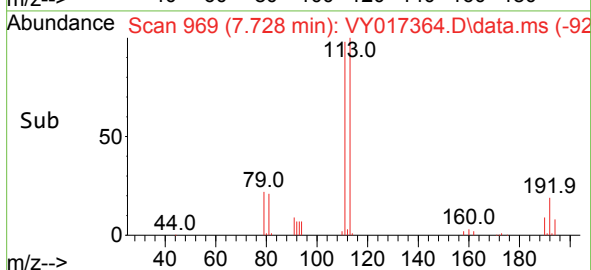
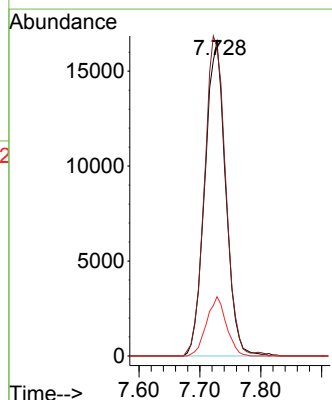
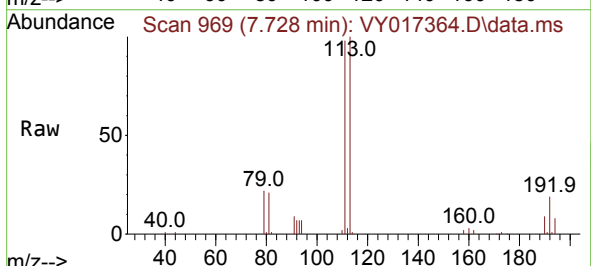
Tgt Ion:113 Resp: 39366

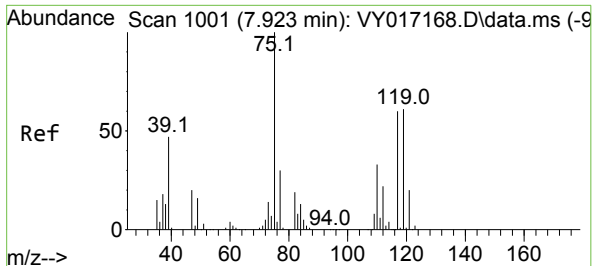
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.545 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.127 min

Lab File: VY017364.D

Acq: 12 Feb 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

FRENCH-020724

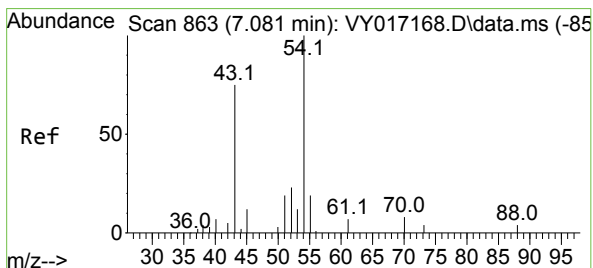
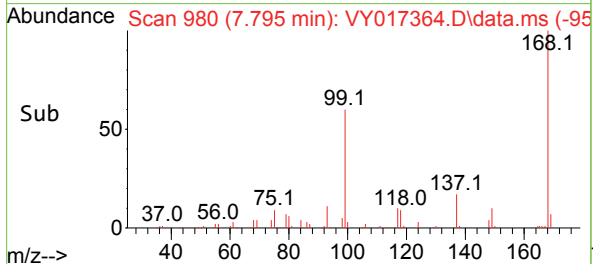
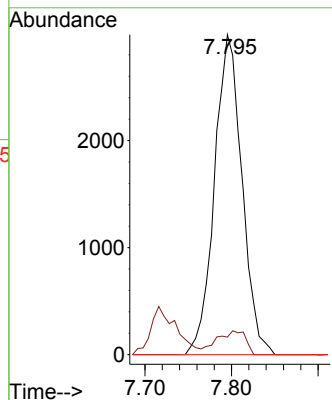
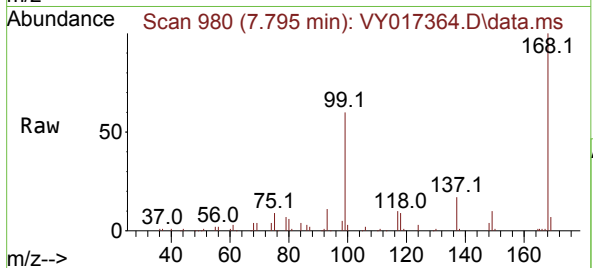
Tgt Ion: 75 Resp: 6590

Ion Ratio Lower Upper

75 100

110 7.8 17.4 52.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 2.806 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.079 min

Lab File: VY017364.D

Acq: 12 Feb 2024 19:29

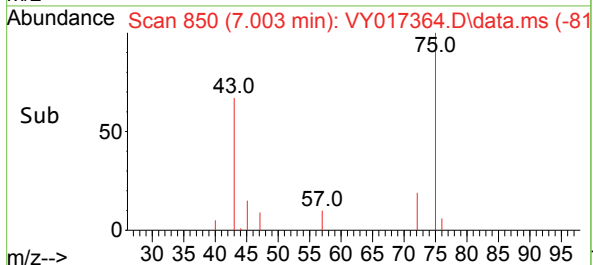
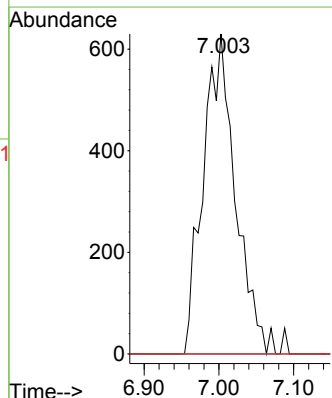
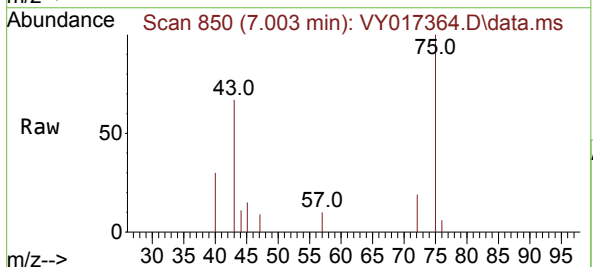
Tgt Ion: 43 Resp: 1887

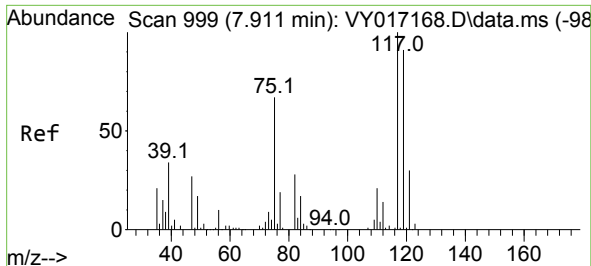
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

70 0.0 8.1 12.1#

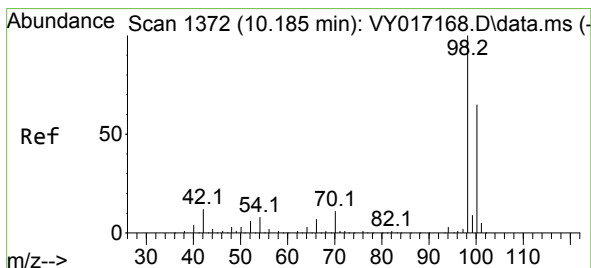
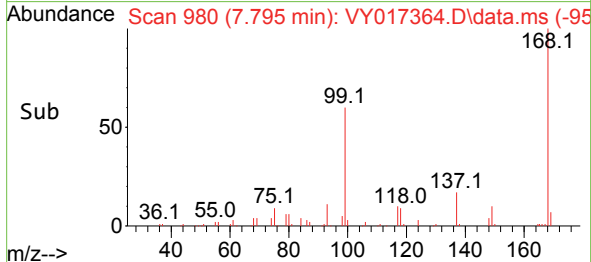
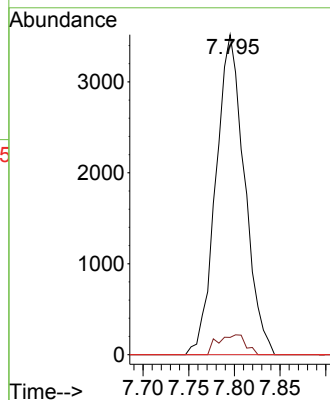
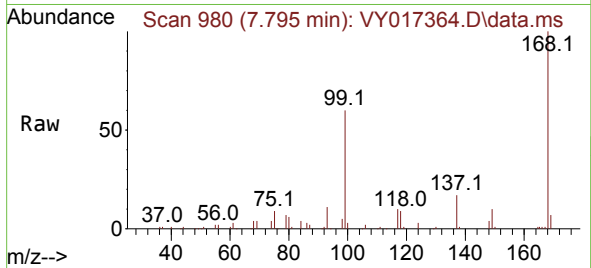




#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

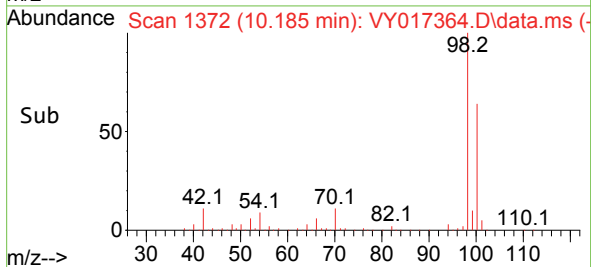
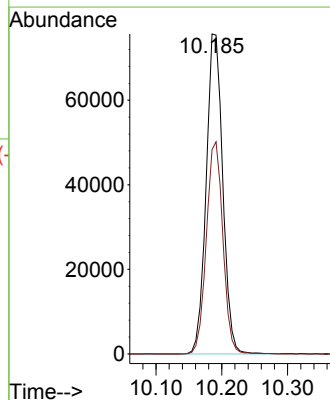
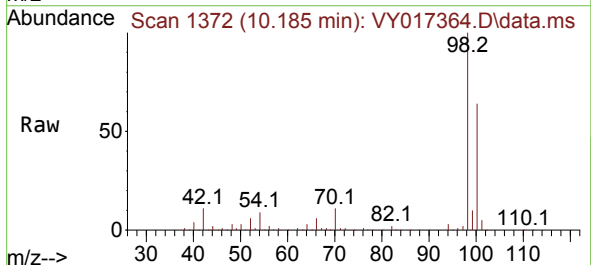
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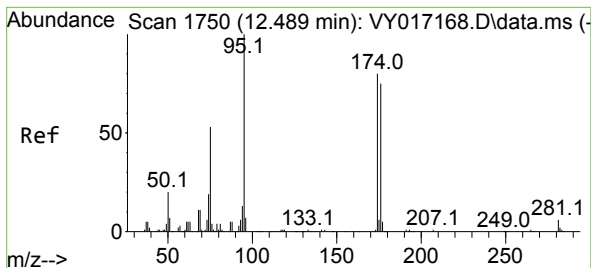
Tgt Ion:117 Resp: 7672
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.342 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.001 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

Tgt Ion: 98 Resp: 132658
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

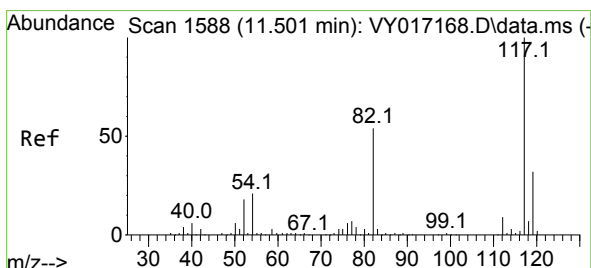
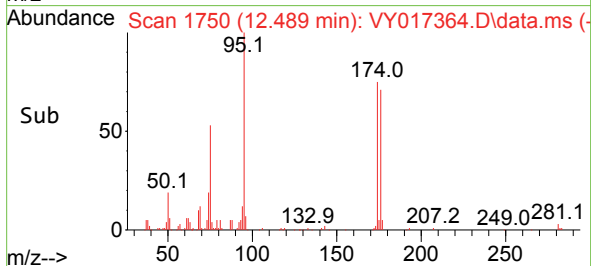
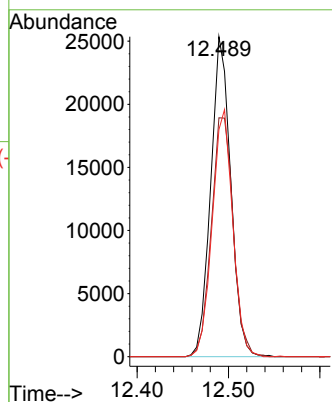
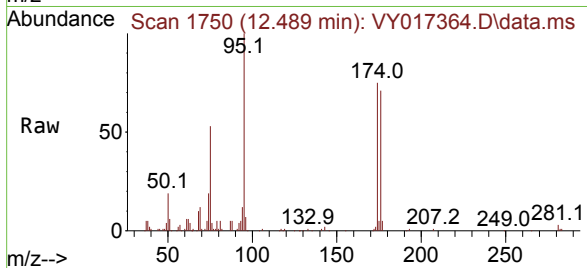




#62
4-Bromofluorobenzene
Concen: 38.416 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.001 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

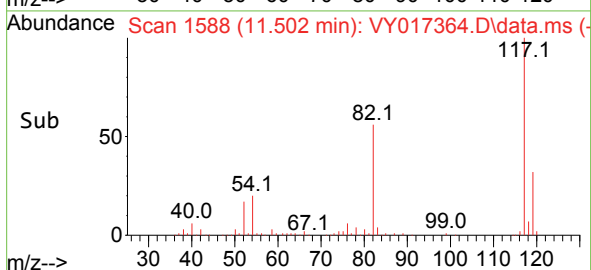
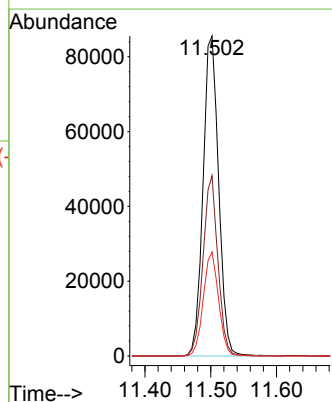
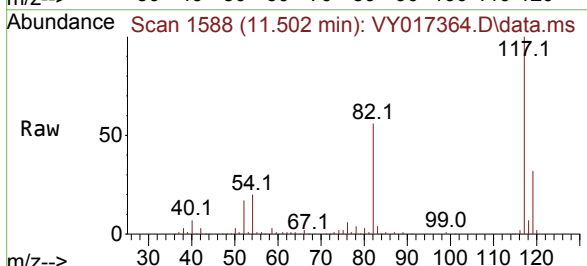
Instrument :
MSVOA_Y
ClientSampleId :
FRENCH-020724

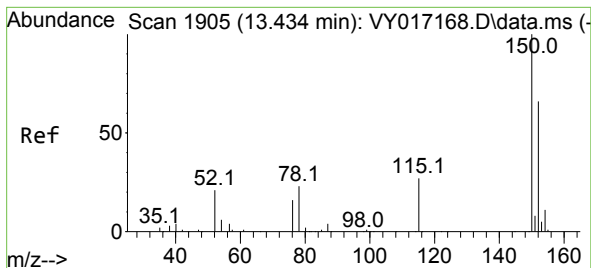
Tgt Ion:	95	Resp:	38518
Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	160.0
176	79.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.001 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

Tgt Ion:	117	Resp:	140799
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.8	65.8
119	32.5	26.5	39.7

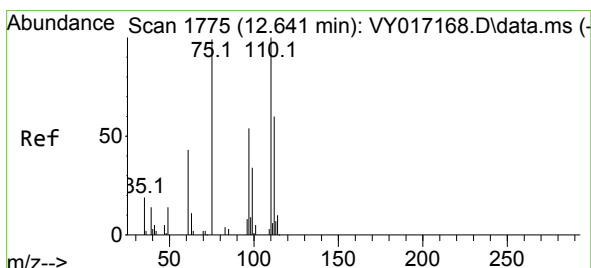
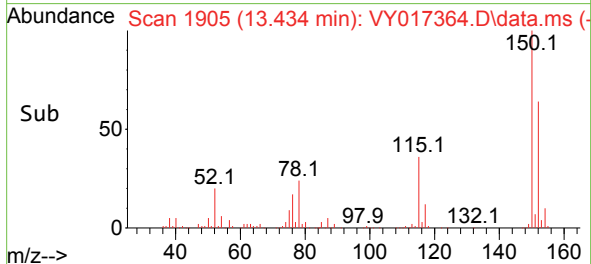
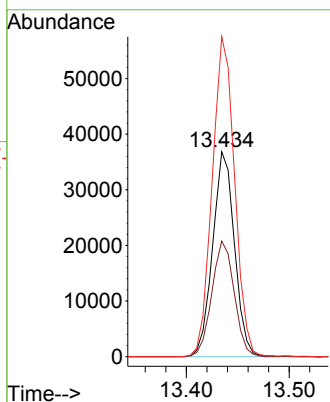
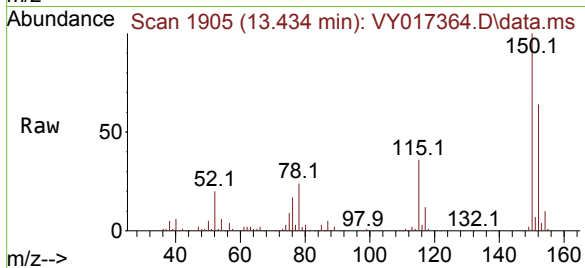




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.001 min
 Lab File: VY017364.D
 Acq: 12 Feb 2024 19:29

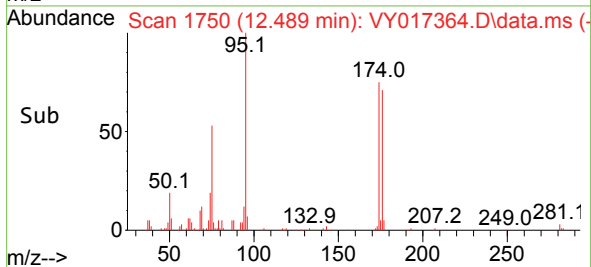
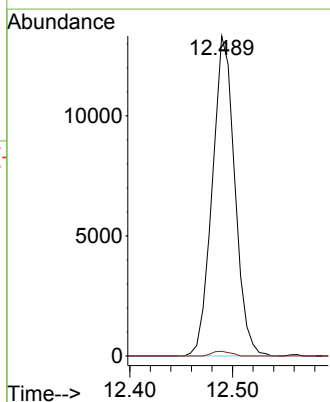
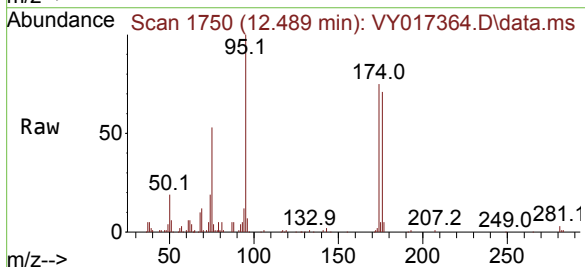
Instrument :
 MSVOA_Y
 ClientSampleId :
 FRENCH-020724

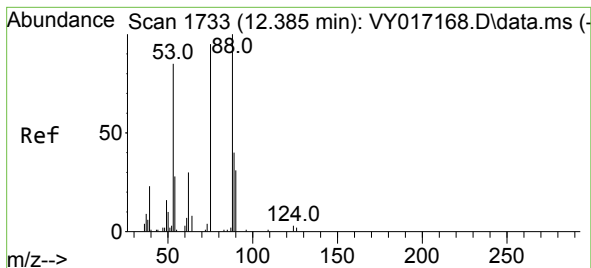
Tgt Ion:152 Resp: 54239
 Ion Ratio Lower Upper
 152 100
 115 57.8 30.0 90.0
 150 160.6 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 40.392 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017364.D
 Acq: 12 Feb 2024 19:29

Tgt Ion: 75 Resp: 20221
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

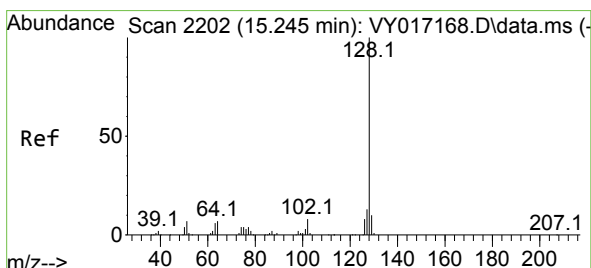
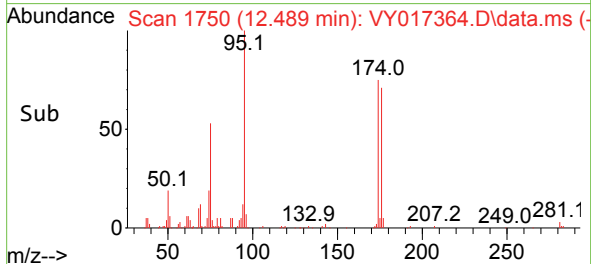
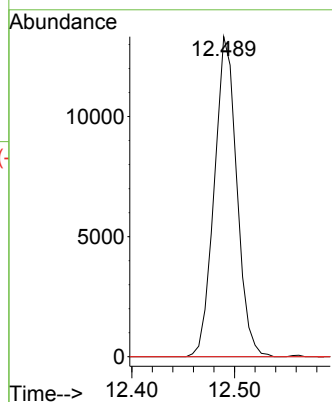
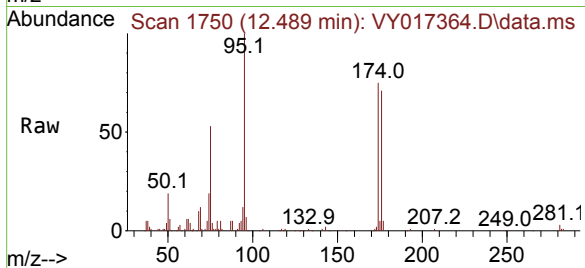




#81
trans-1,4-Dichloro-2-butene
Concen: 83.929 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

Instrument :
MSVOA_Y
ClientSampleId :
FRENCH-020724

Tgt Ion: 75 Resp: 20221
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.545 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017364.D
Acq: 12 Feb 2024 19:29

Tgt Ion: 128 Resp: 188
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

