

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019413.D
 Acq On : 30 Aug 2024 22:04
 Operator : SY/MD
 Sample : P3737-02
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Aug 30 23:22:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

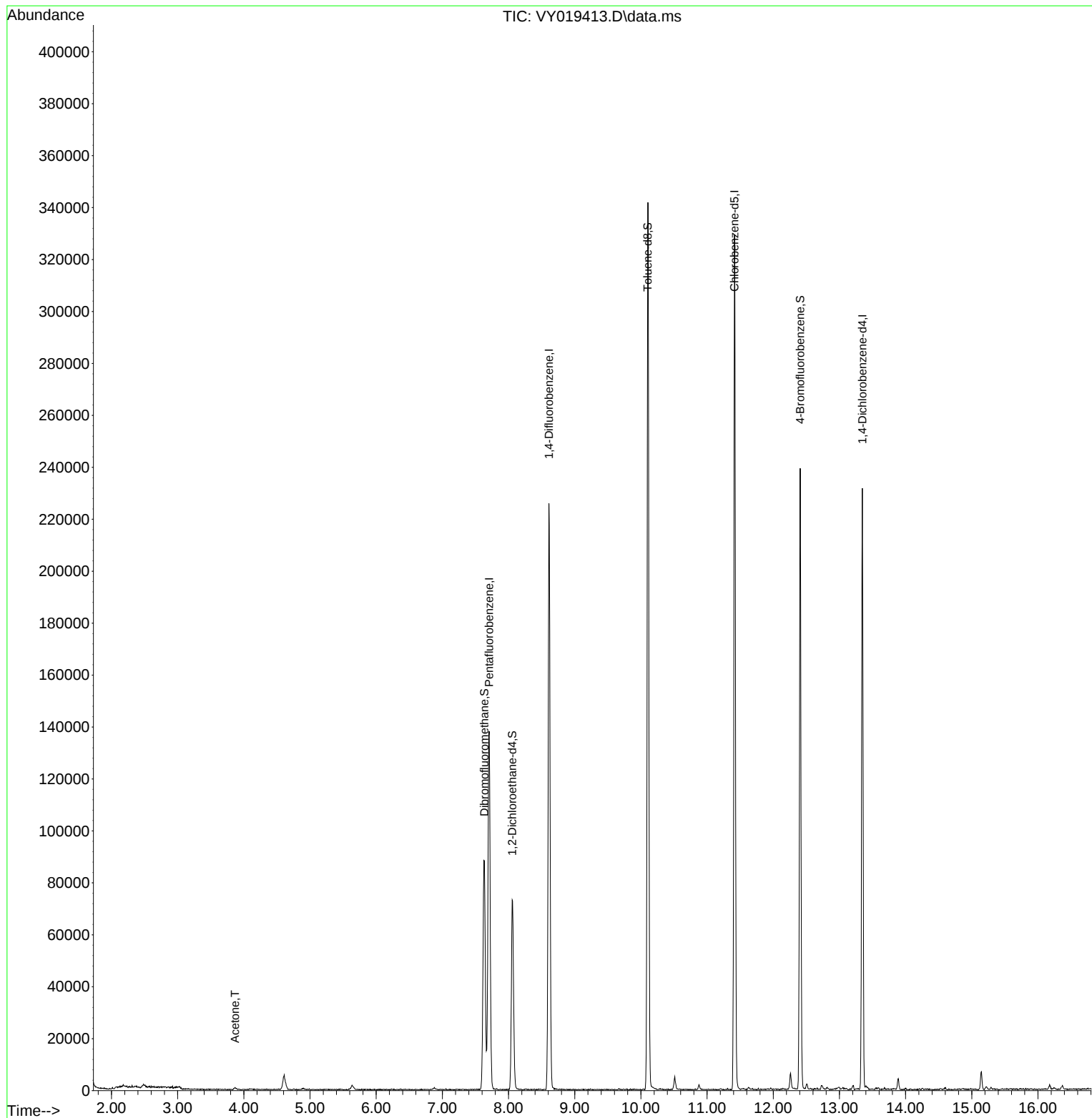
Internal Standards						
1) Pentafluorobenzene	7.707	168	111991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	197984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	178371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	56653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	59670	56.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.500%
35) Dibromofluoromethane	7.634	113	63943	51.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.103	98	222106	48.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.408	95	68309	45.834	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.660%
Target Compounds						
16) Acetone	3.867	43	1264m	6.058	ug/l	Qvalue

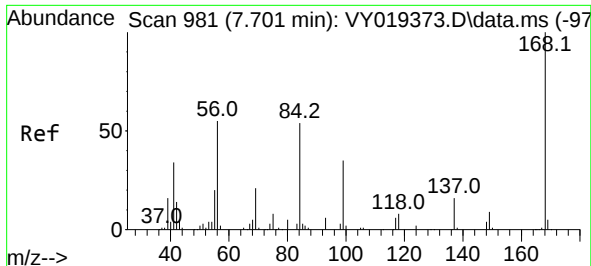
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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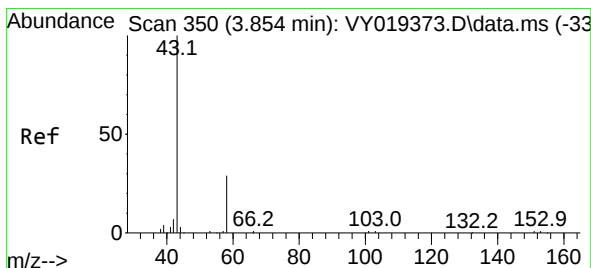
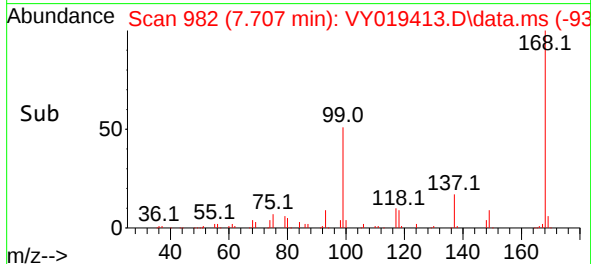
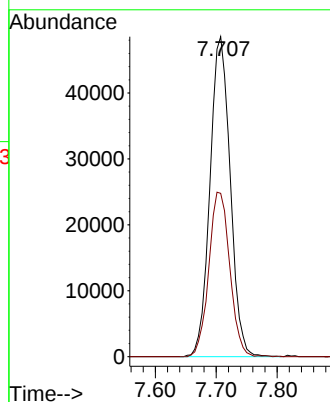
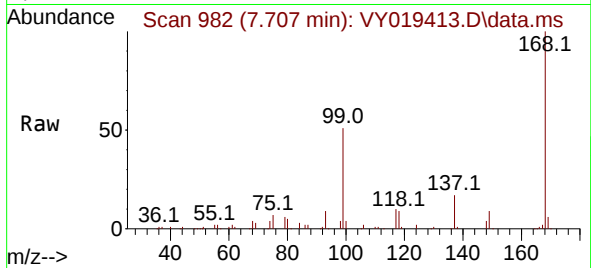




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

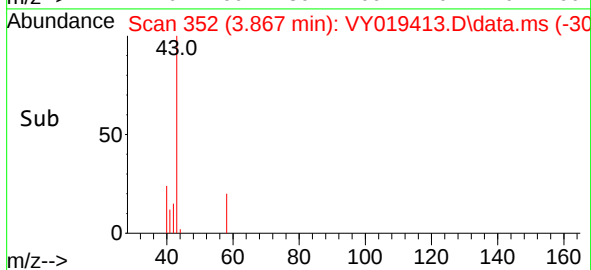
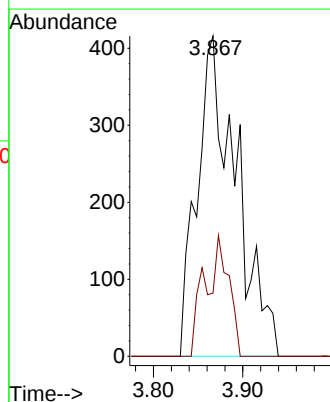
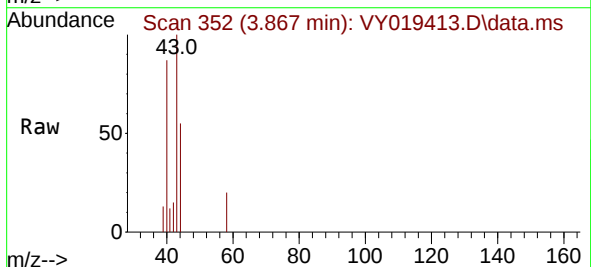
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

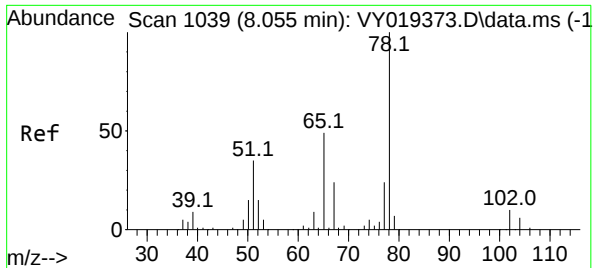
Tgt Ion:168 Resp: 111991
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#16
Acetone
Concen: 6.058 ug/l m
RT: 3.867 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 19.7 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 56.252 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

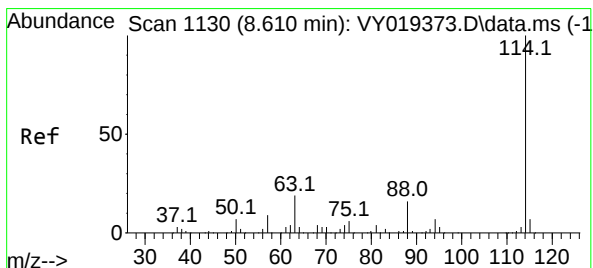
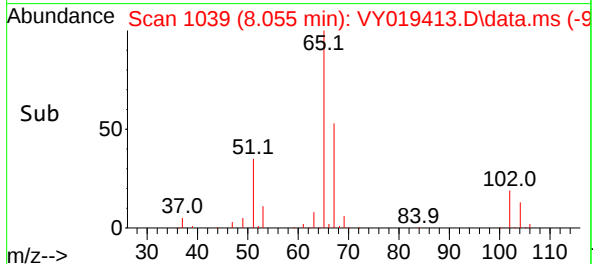
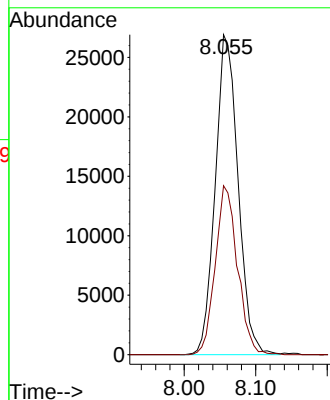
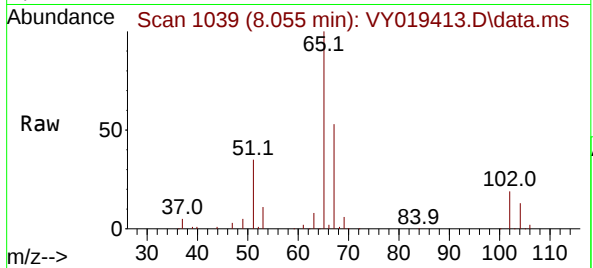
COMP-2

Tgt Ion: 65 Resp: 59670

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

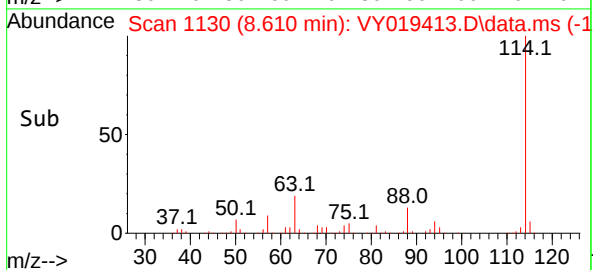
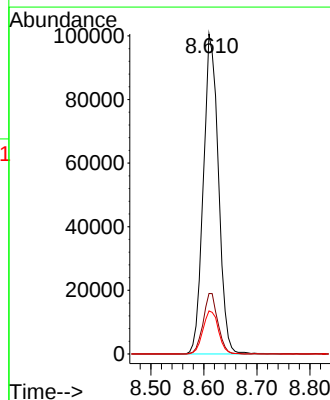
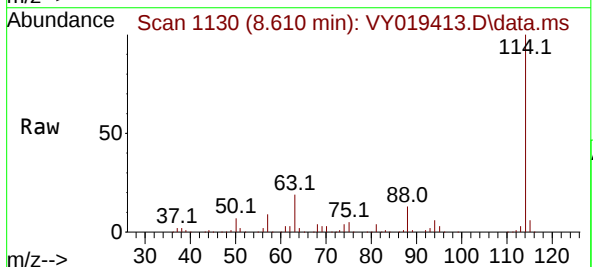
Tgt Ion: 114 Resp: 197984

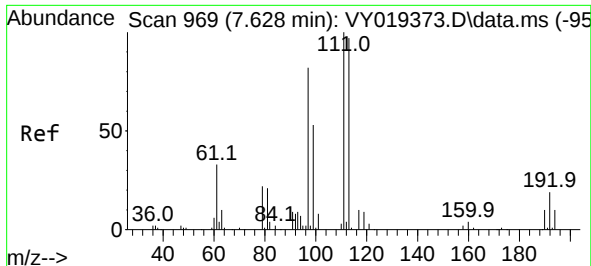
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.5 0.0 27.2

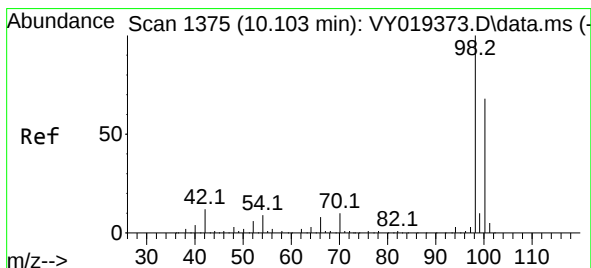
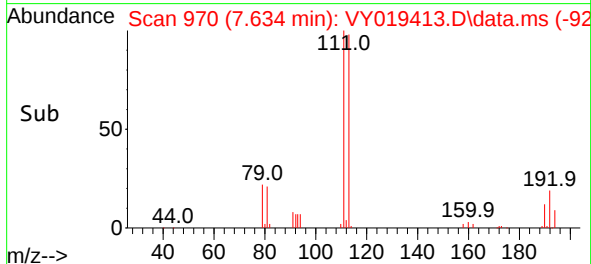
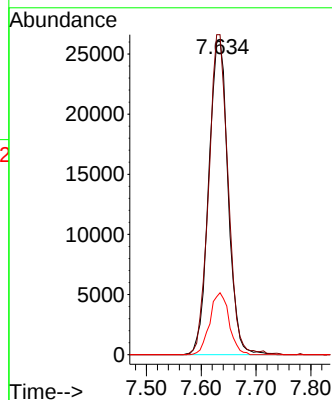
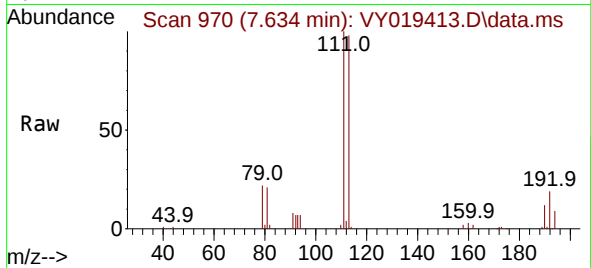




#35
Dibromofluoromethane
Concen: 51.084 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

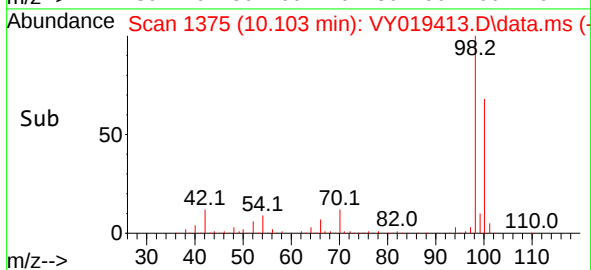
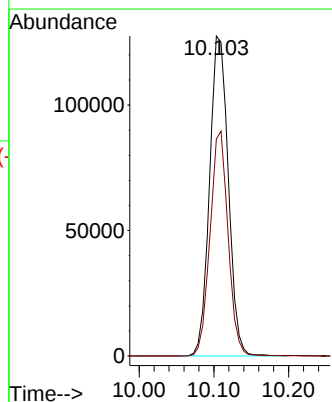
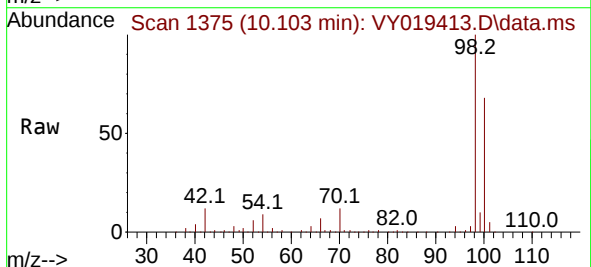
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

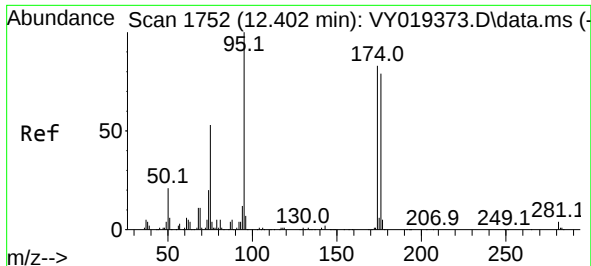
Tgt Ion:113 Resp: 63943
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

Tgt Ion: 98 Resp: 222106
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.834 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

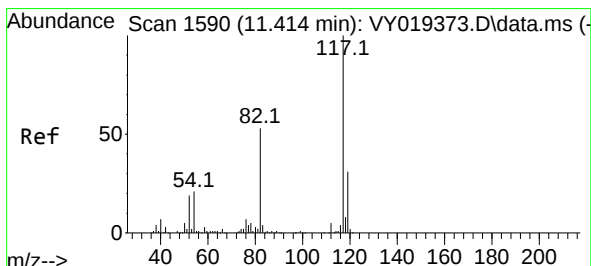
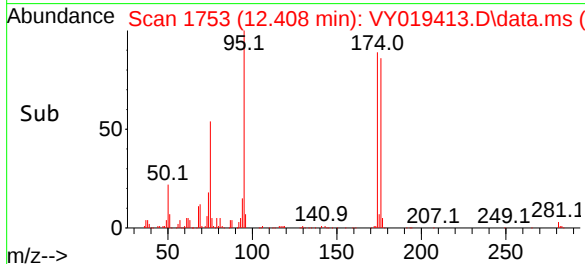
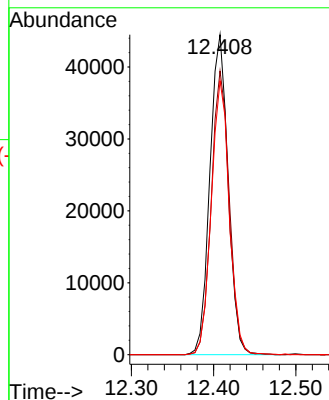
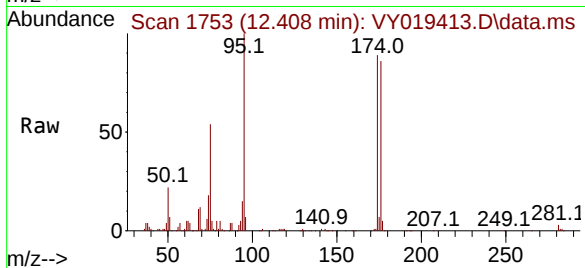
Tgt Ion: 95 Resp: 68309

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

176 84.9 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

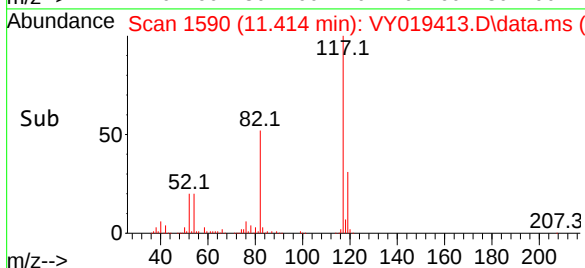
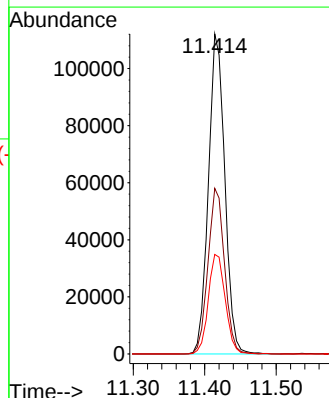
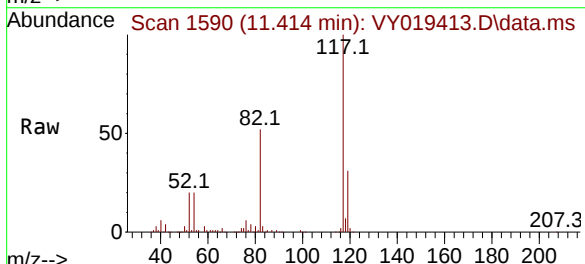
Tgt Ion: 117 Resp: 178371

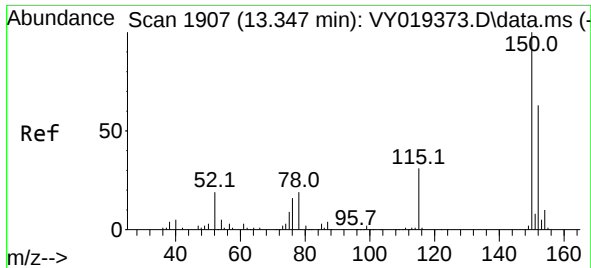
Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019413.D

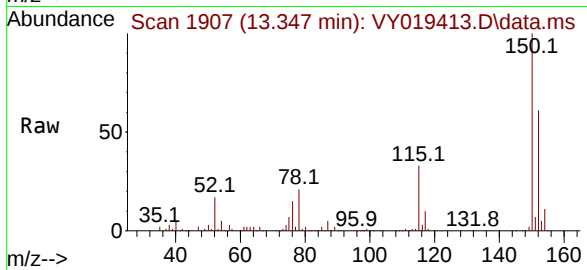
Acq: 30 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



Tgt Ion:152 Resp: 56653

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 160.0 0.0 345.6

