

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019381.D
 Acq On : 29 Aug 2024 20:13
 Operator : SY/MD
 Sample : P3767-02RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-1-COMPOSITERE

Quant Time: Aug 30 04:49:37 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	7.701	168	152230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	267278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	69259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	80221	55.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.628	113	84736	50.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.103	98	299419	48.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.402	95	73722	36.642	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.280%

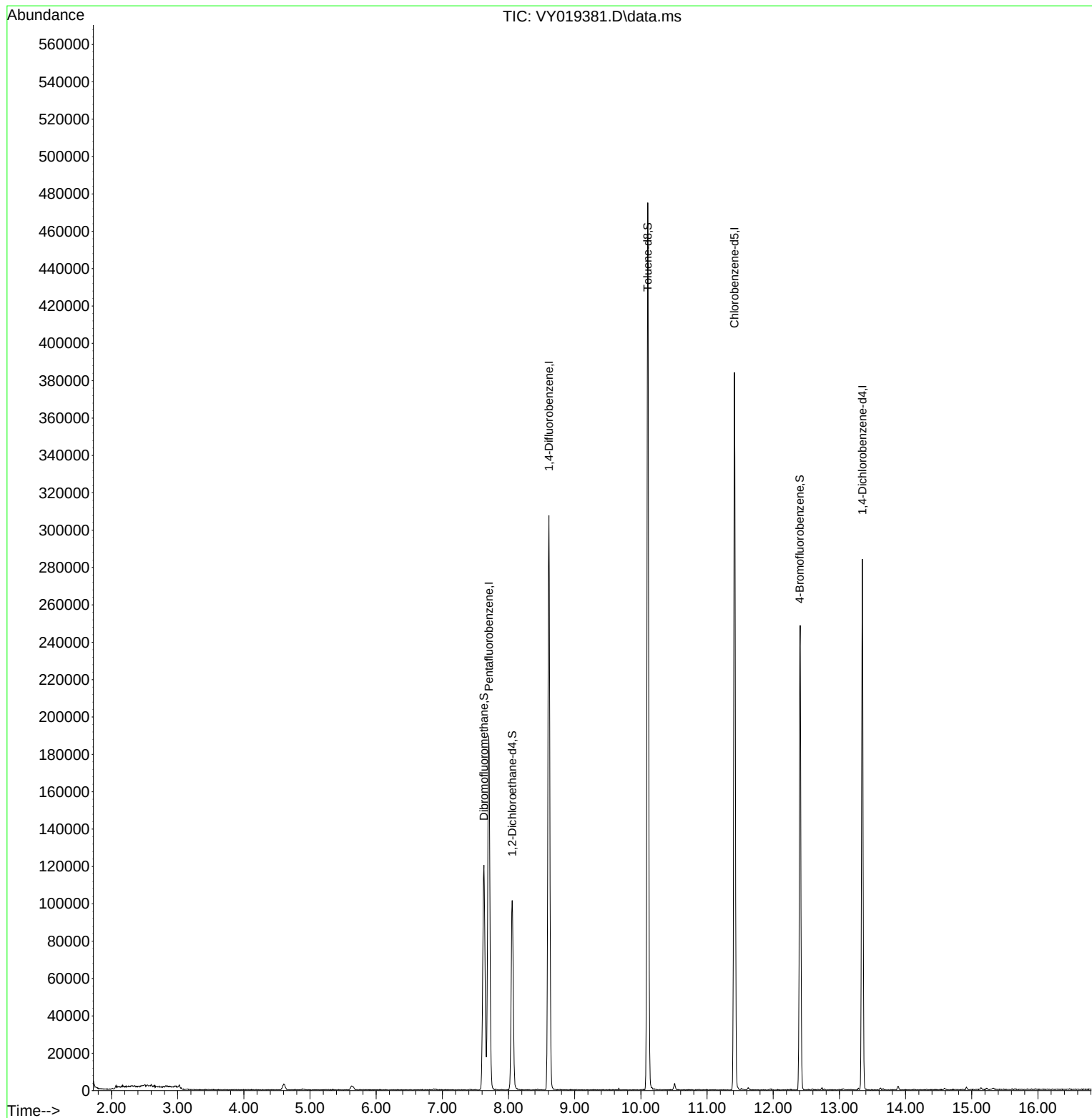
Target Compounds	Qvalue

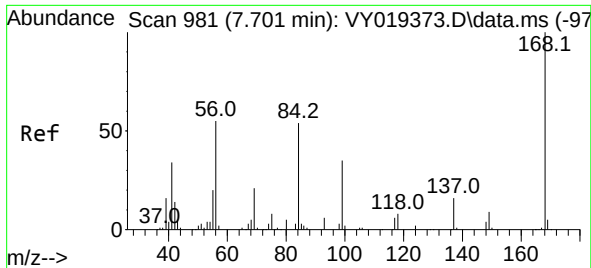
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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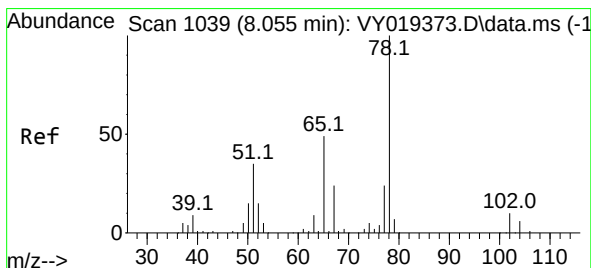
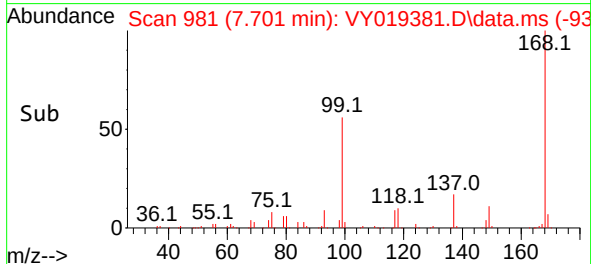
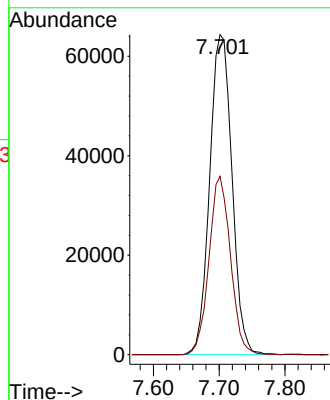
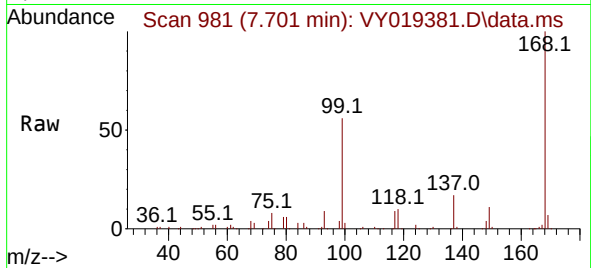




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

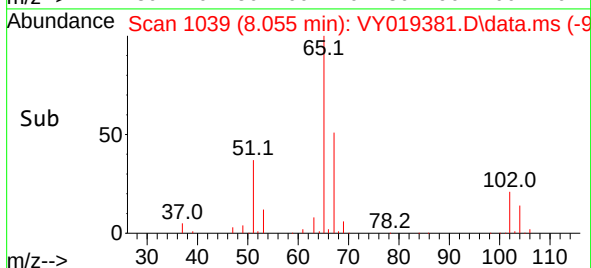
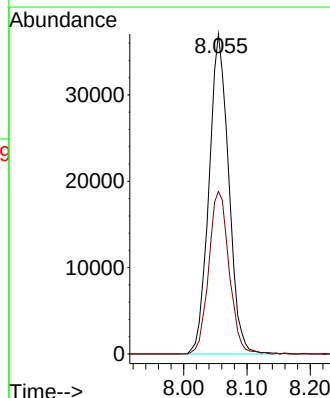
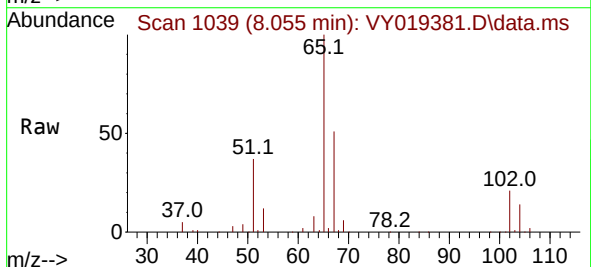
Instrument :
MSVOA_Y
ClientSampleId :
P-1-COMPOSITERE

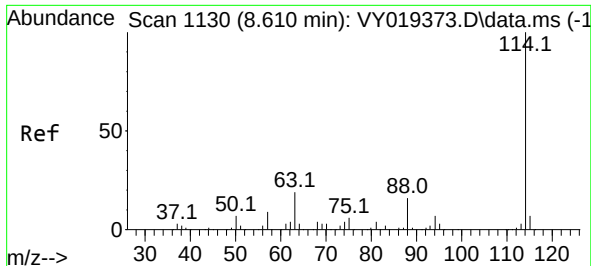
Tgt Ion:168 Resp: 152230
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.636 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Tgt Ion: 65 Resp: 80221
Ion Ratio Lower Upper
65 100
67 52.4 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: VY019381.D

Acq: 29 Aug 2024 20:13

Instrument :

MSVOA_Y

ClientSampleId :

P-1-COMPOSITERE

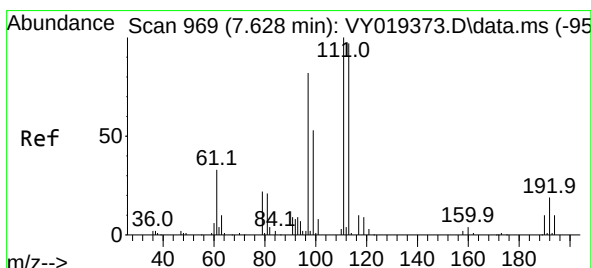
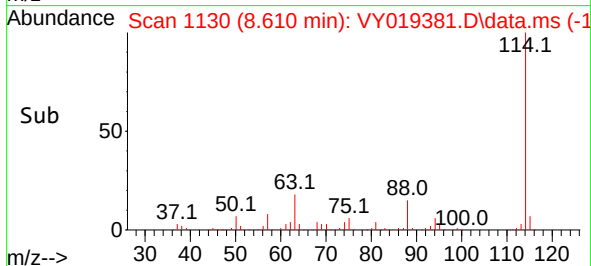
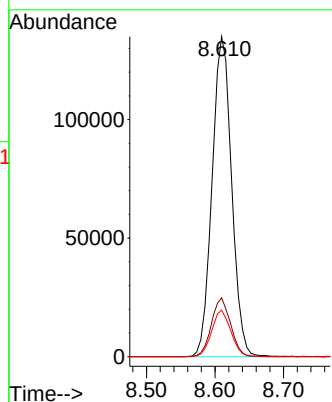
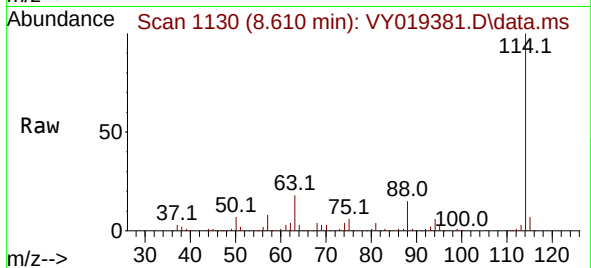
Tgt Ion:114 Resp: 267278

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.145 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019381.D

Acq: 29 Aug 2024 20:13

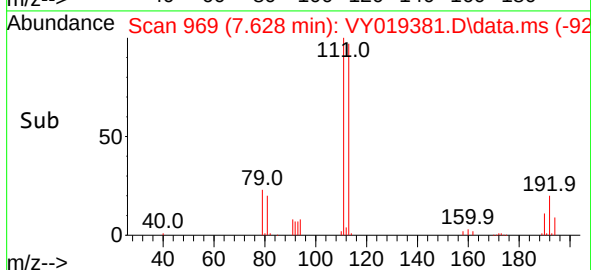
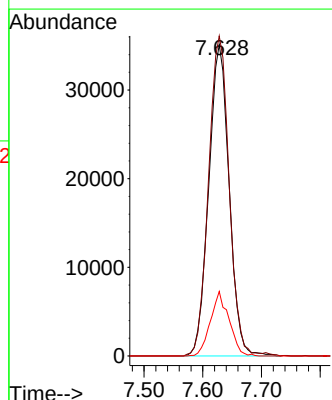
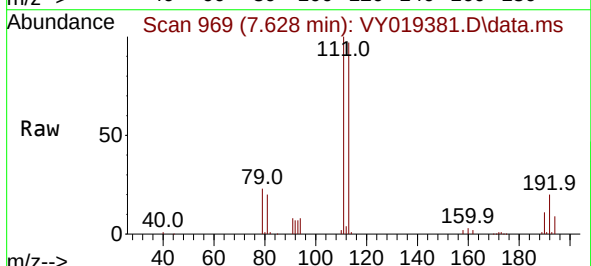
Tgt Ion:113 Resp: 84736

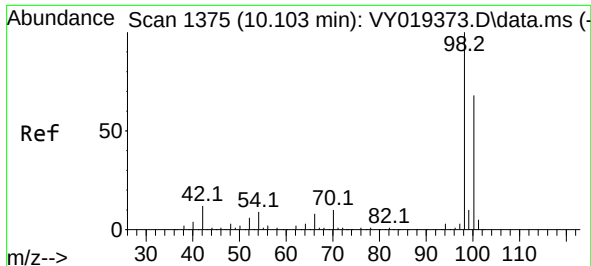
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 18.9 15.9 23.9

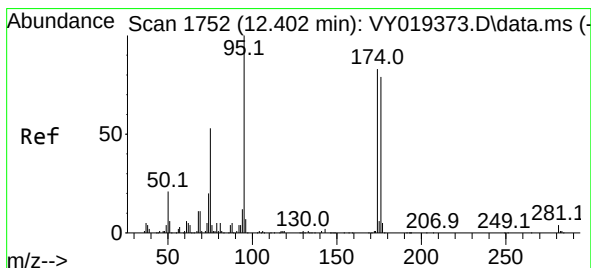
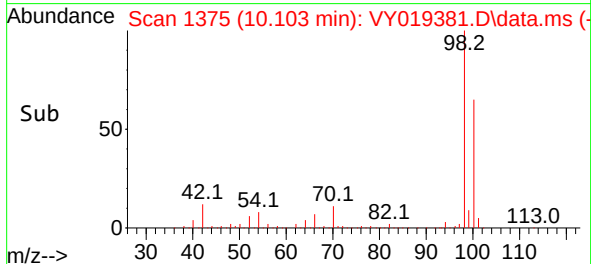
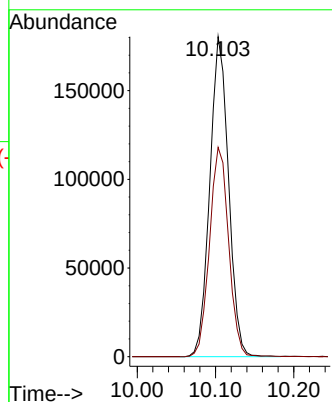
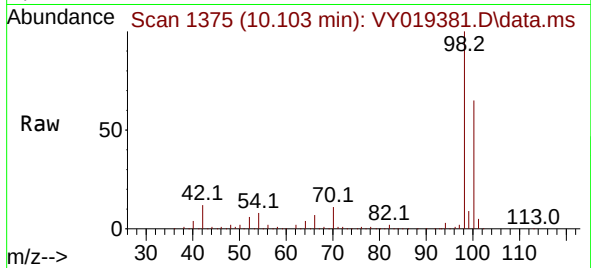




#50
Toluene-d8
Concen: 48.134 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

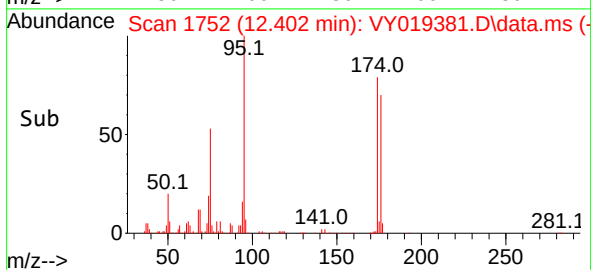
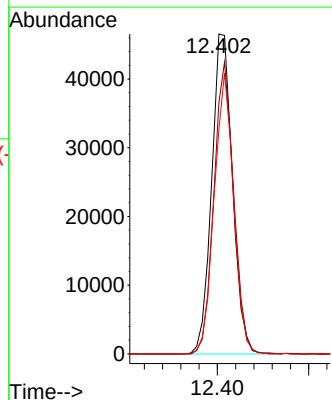
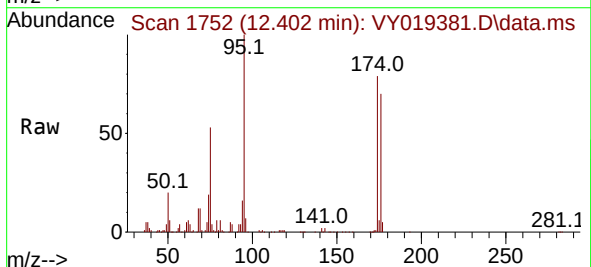
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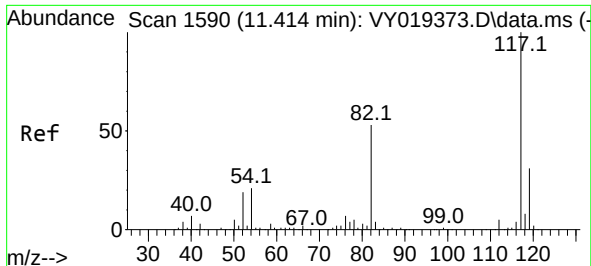
Tgt Ion: 98 Resp: 299419
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.642 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019381.D
Acq: 29 Aug 2024 20:13

Tgt Ion: 95 Resp: 73722
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.6
176 82.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019381.D

Acq: 29 Aug 2024 20:13

Instrument :

MSVOA_Y

ClientSampleId :

P-1-COMPOSITERE

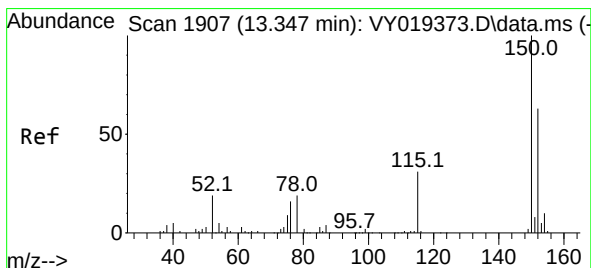
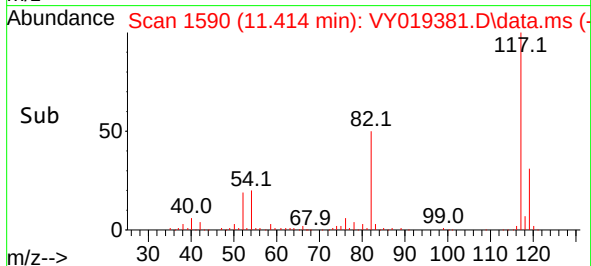
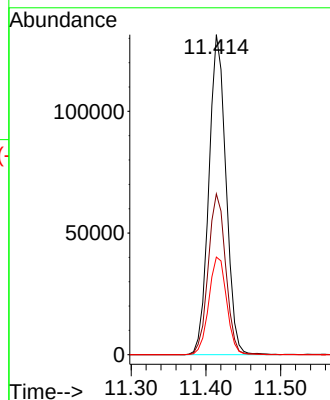
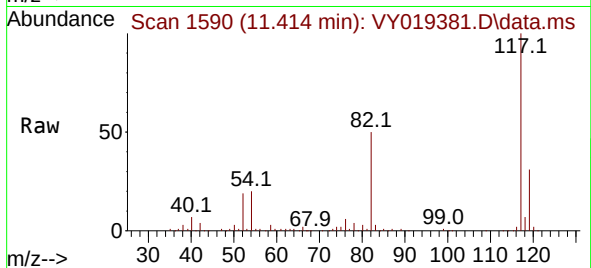
Tgt Ion:117 Resp: 208713

Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

119 30.5 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: VY019381.D

Acq: 29 Aug 2024 20:13

Tgt Ion:152 Resp: 69259

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 157.4 0.0 345.6

