

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019378.D
 Acq On : 29 Aug 2024 19:05
 Operator : SY/MD
 Sample : VY0829SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBL01

Quant Time: Aug 30 04:47:08 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	120369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	196255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	167348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57461	50.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.628	113	57902	46.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.103	98	208179	45.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.407	95	55656	37.673	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.340%

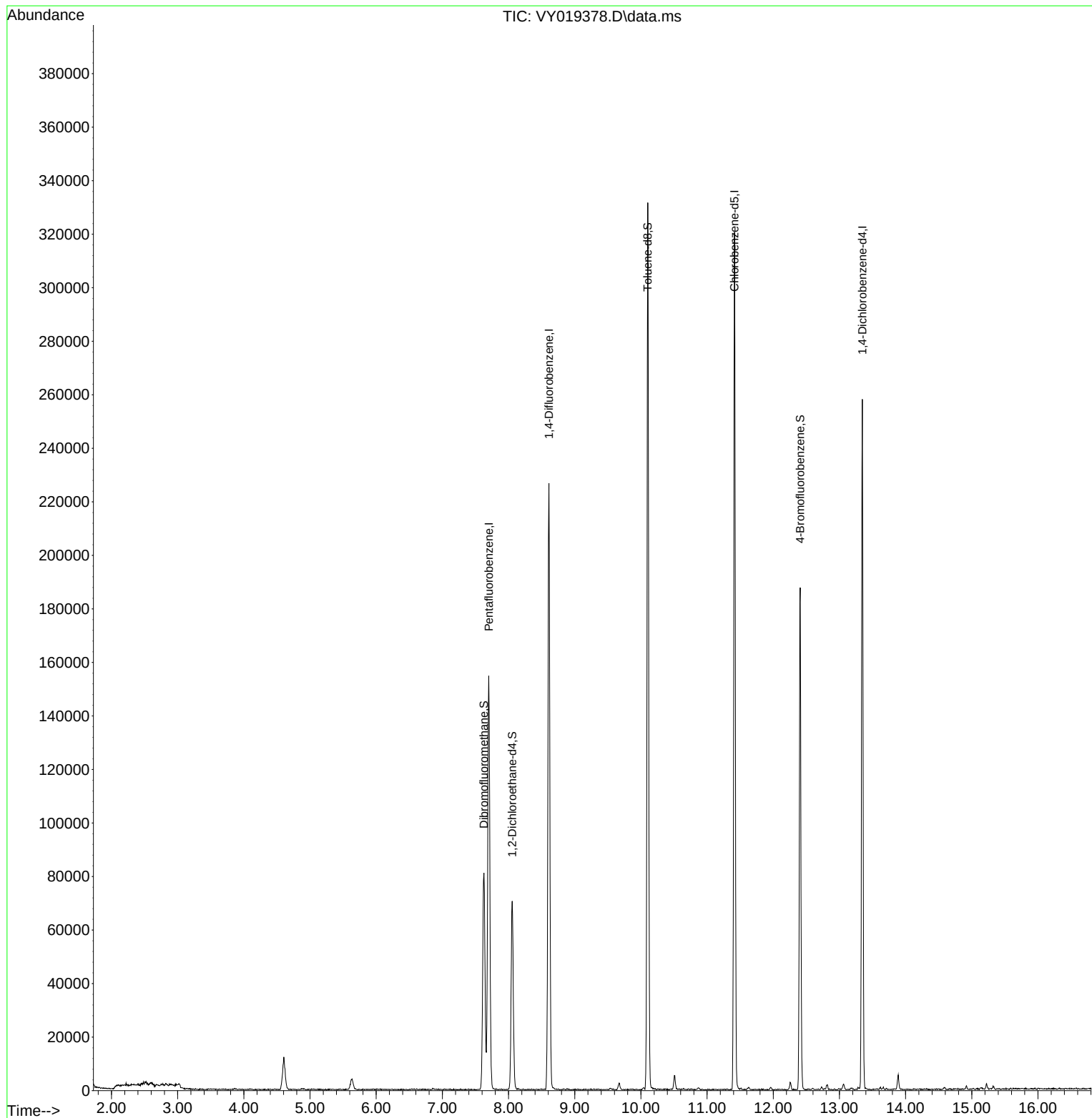
Target Compounds	Qvalue

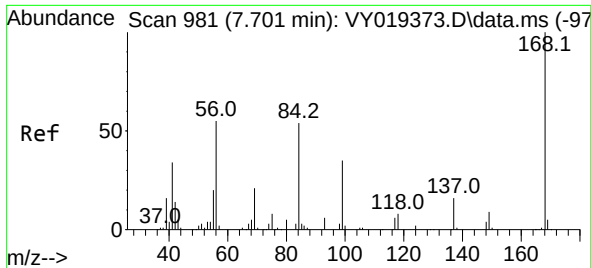
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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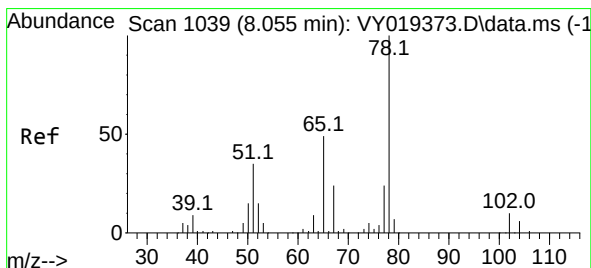
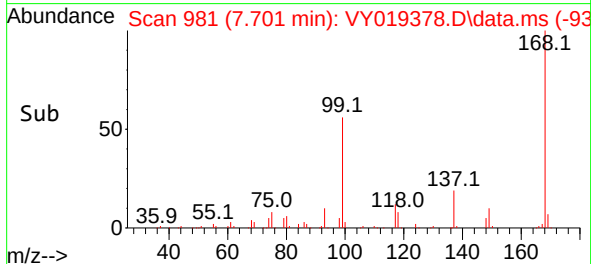
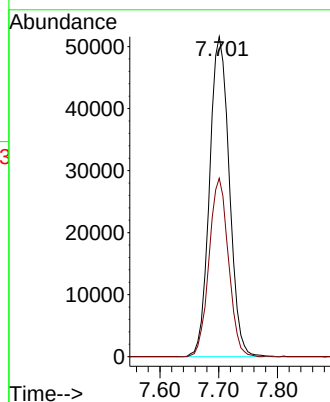
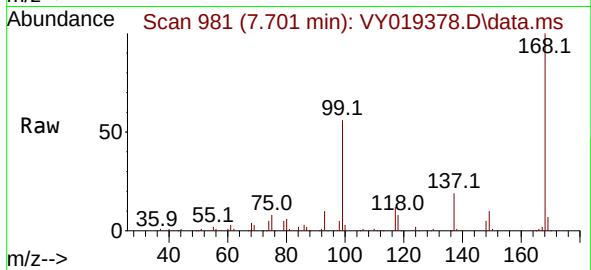




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

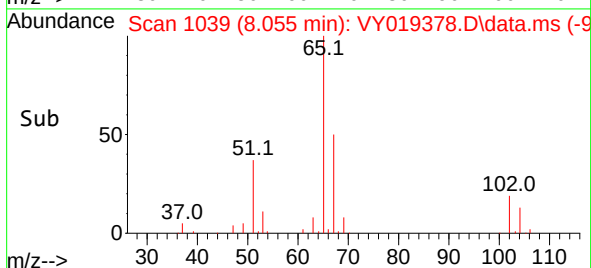
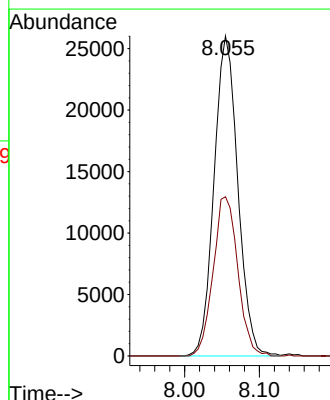
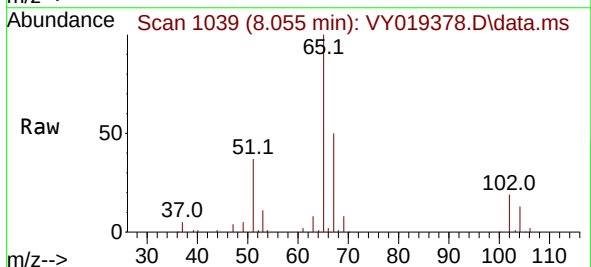
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBL01

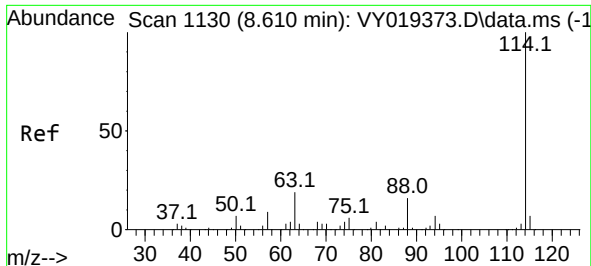
Tgt Ion:168 Resp: 120369
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.400 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Tgt Ion: 65 Resp: 57461
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019378.D

Acq: 29 Aug 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBL01

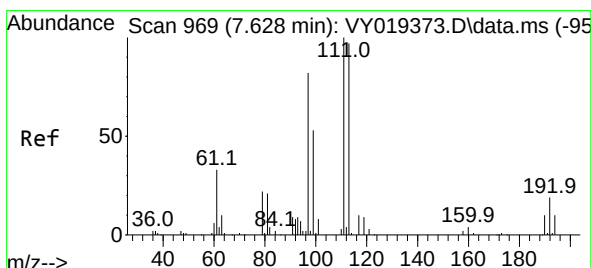
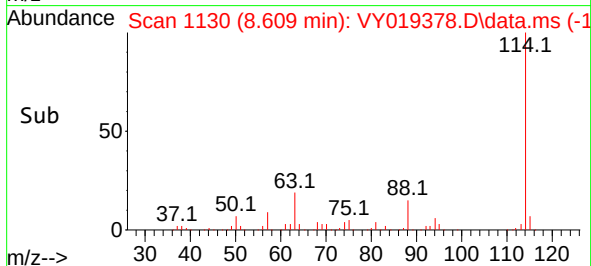
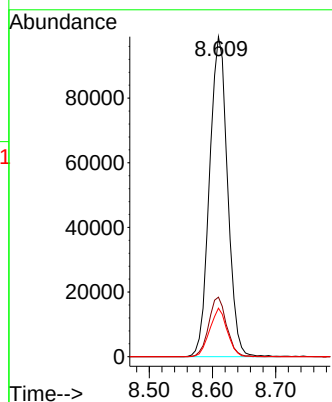
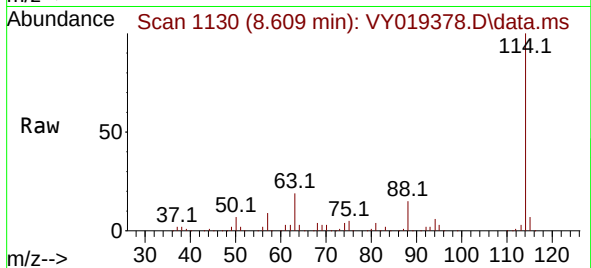
Tgt Ion:114 Resp: 196255

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.665 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019378.D

Acq: 29 Aug 2024 19:05

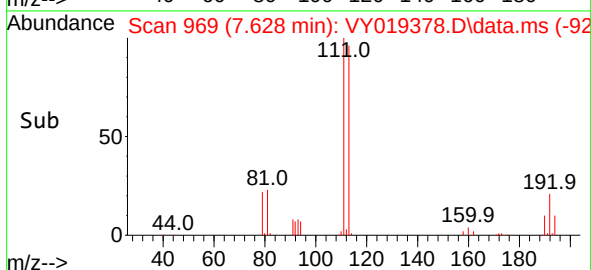
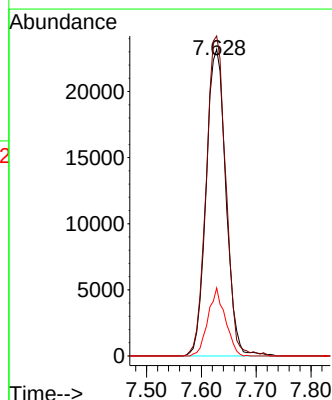
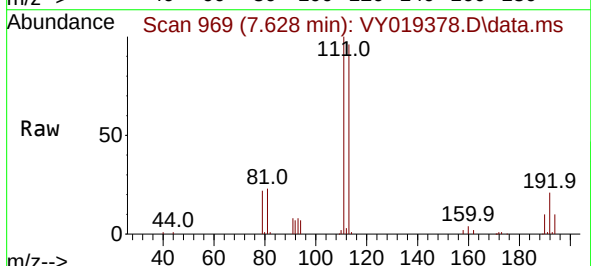
Tgt Ion:113 Resp: 57902

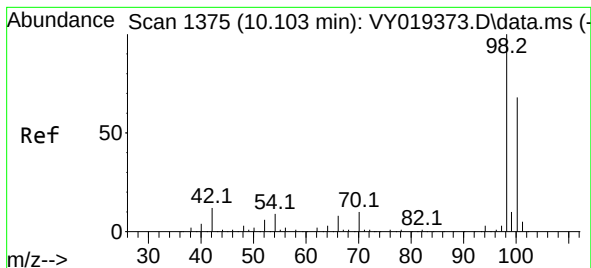
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 19.4 15.9 23.9

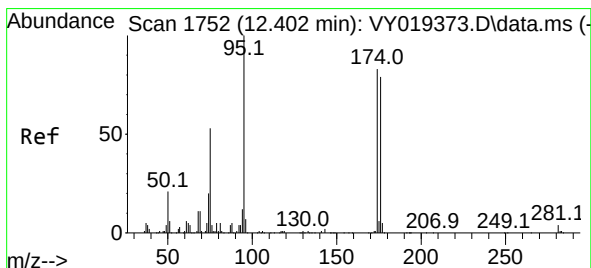
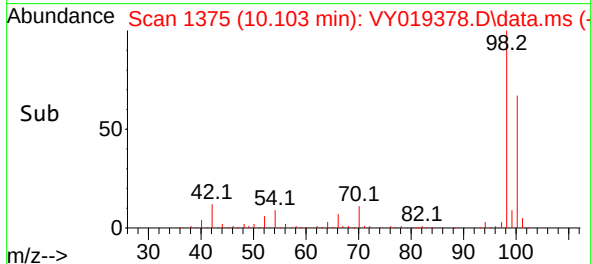
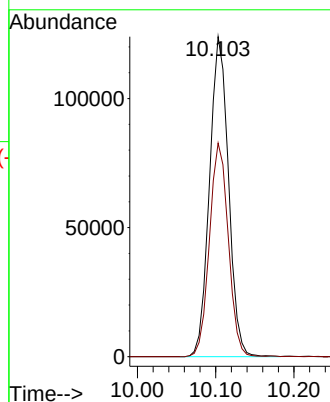
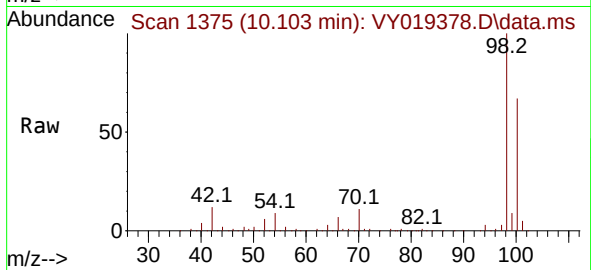




#50
Toluene-d8
Concen: 45.577 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

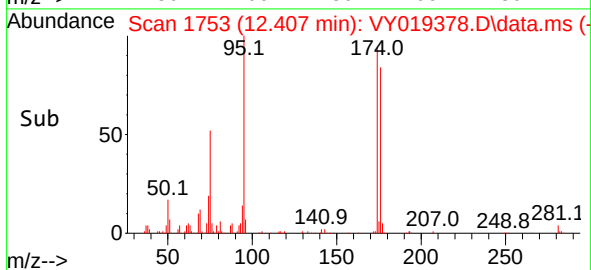
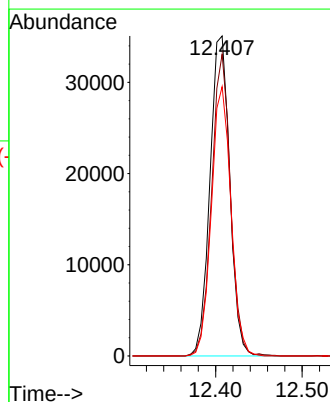
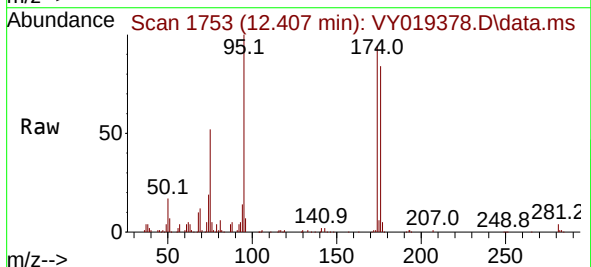
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBL01

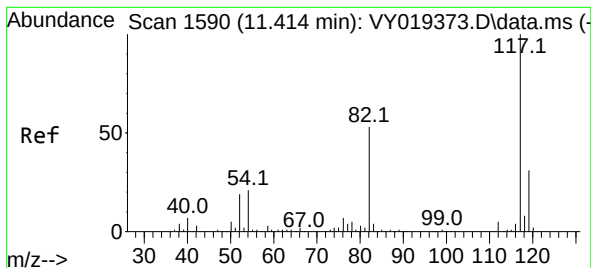
Tgt Ion: 98 Resp: 208179
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.673 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Tgt Ion: 95 Resp: 55656
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.6
176 83.4 0.0 171.4

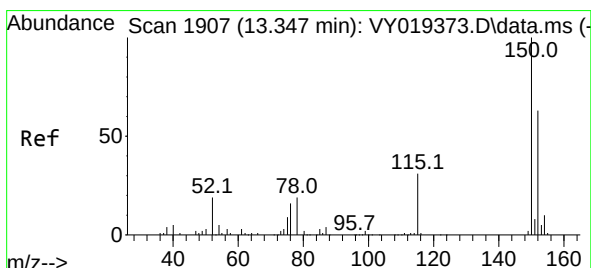
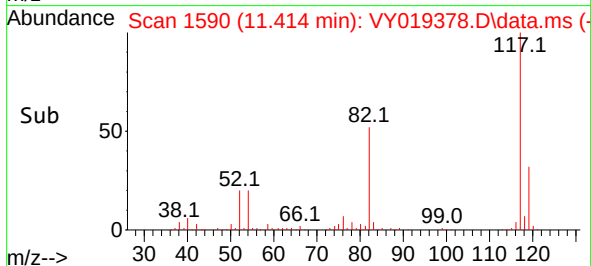
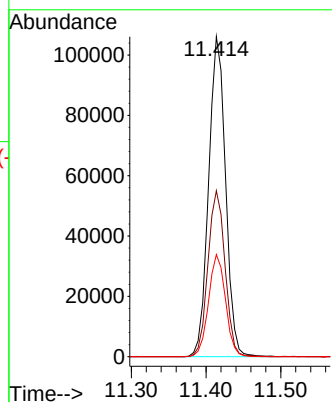
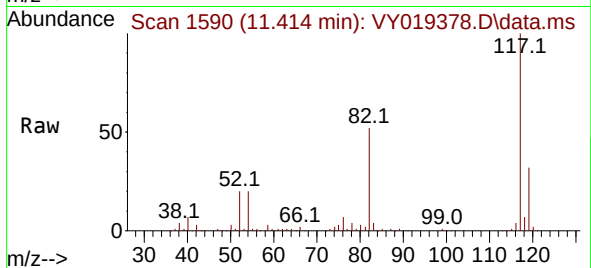




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBL01

Tgt Ion:117 Resp: 167348
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Tgt Ion:152 Resp: 65451
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 152.7 0.0 345.6

