

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019049.D
 Acq On : 14 Aug 2024 11:20
 Operator : SY/MD
 Sample : P3512-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 931-K1-SD-0-0.5-080724-FD

Quant Time: Aug 14 21:44:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	3485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	4827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1152	37.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.300%
35) Dibromofluoromethane	7.628	113	1544	50.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.103	98	4718	39.842	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.680%
62) 4-Bromofluorobenzene	12.414	95	906	25.788	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	51.580%

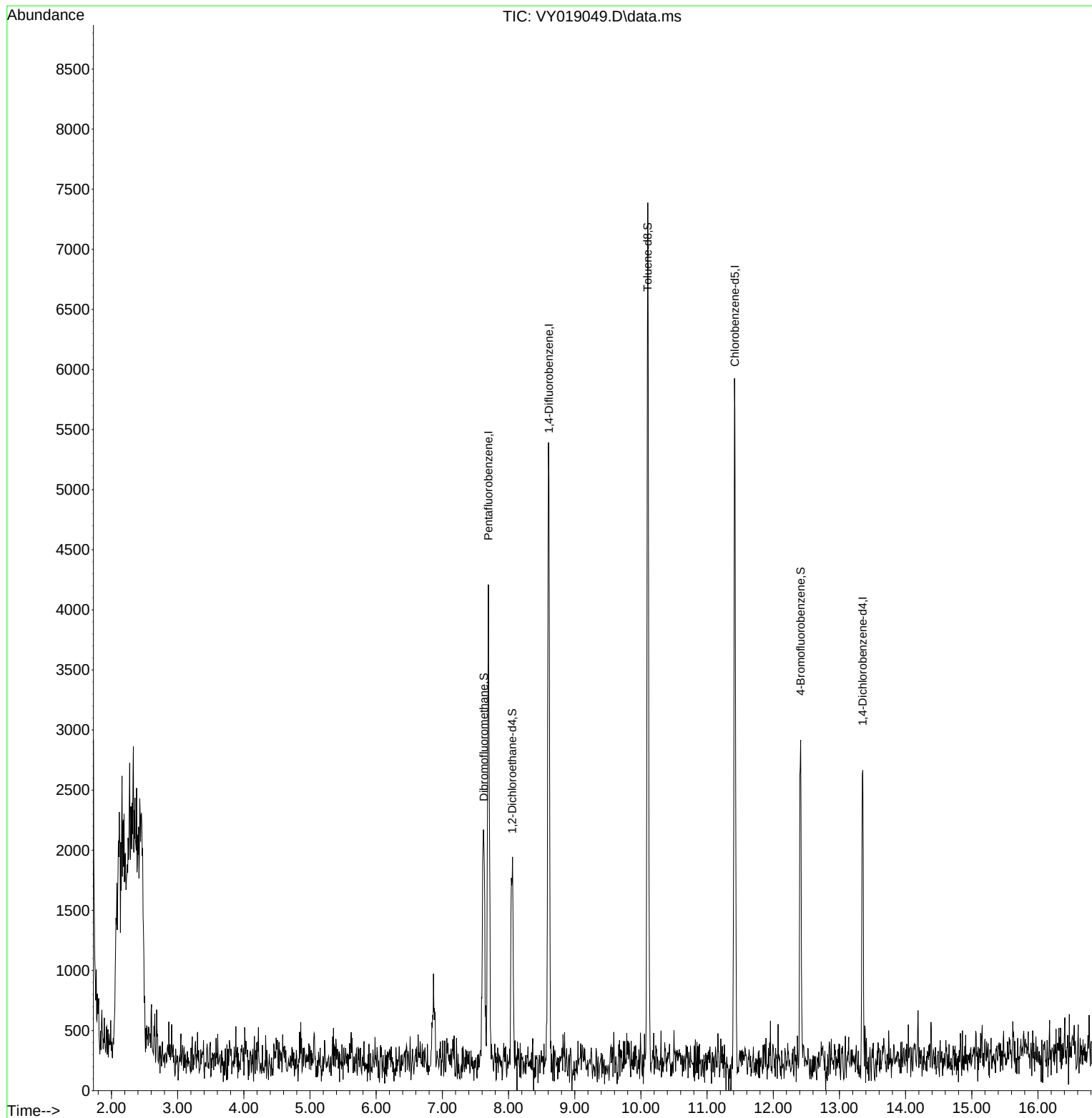
Target Compounds	Qvalue

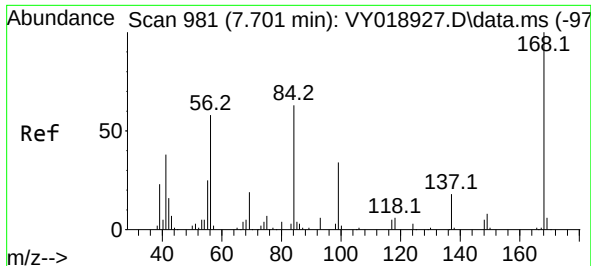
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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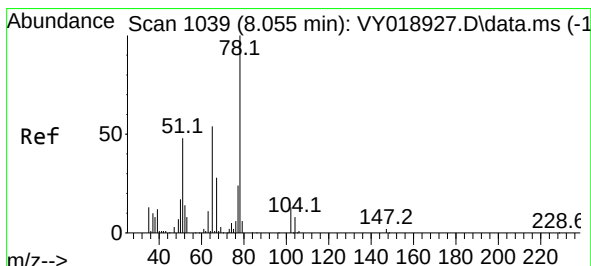
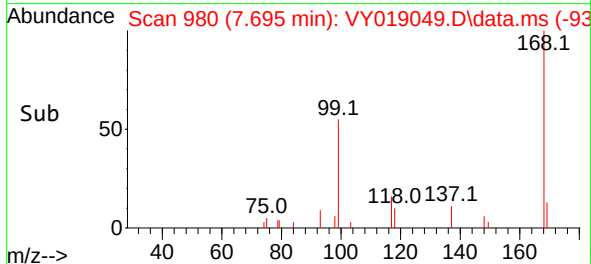
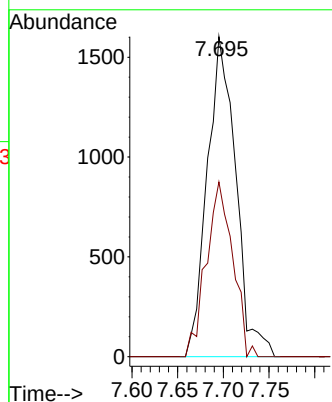
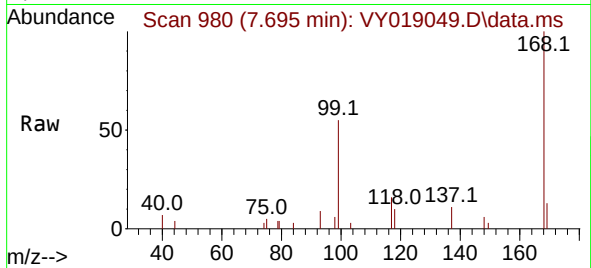




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019049.D
Acq: 14 Aug 2024 11:20

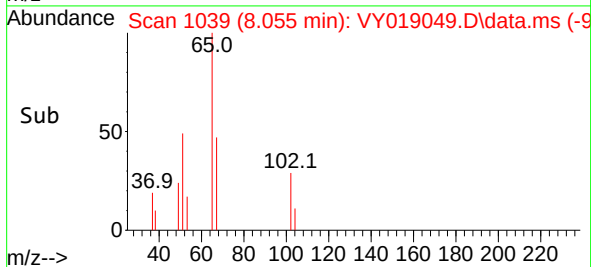
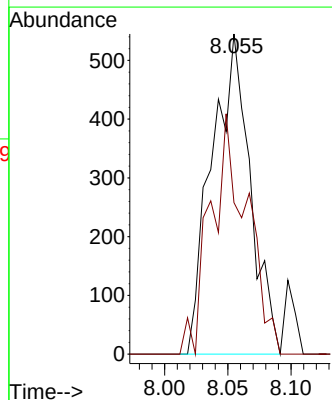
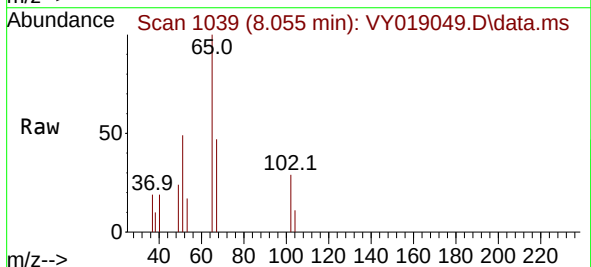
Instrument :
MSVOA_Y
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

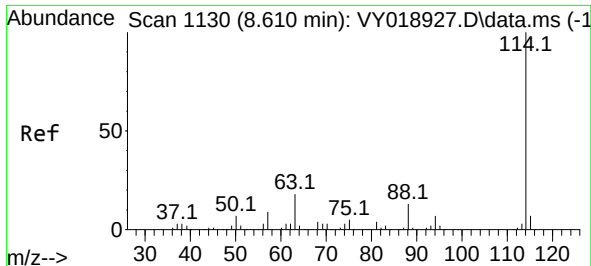
Tgt Ion:168 Resp: 3485
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 37.649 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019049.D
Acq: 14 Aug 2024 11:20

Tgt Ion: 65 Resp: 1152
Ion Ratio Lower Upper
65 100
67 71.4 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: VY019049.D

Acq: 14 Aug 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

931-K1-SD-0-0.5-080724-FD

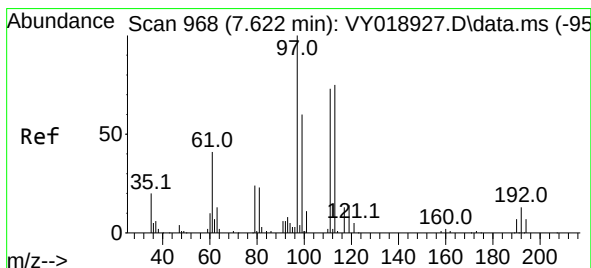
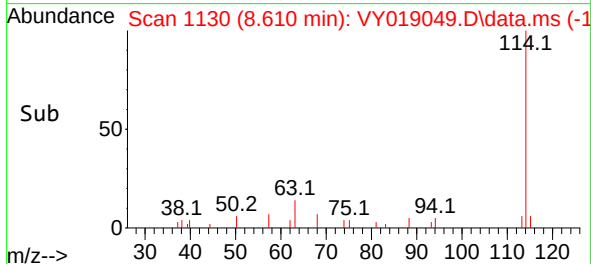
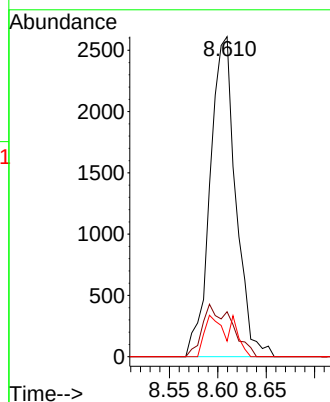
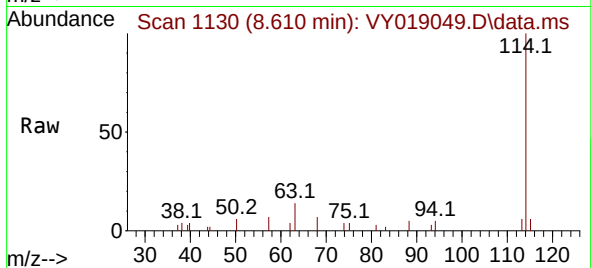
Tgt Ion:114 Resp: 4827

Ion Ratio Lower Upper

114 100

63 14.1 0.0 35.0

88 4.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.082 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019049.D

Acq: 14 Aug 2024 11:20

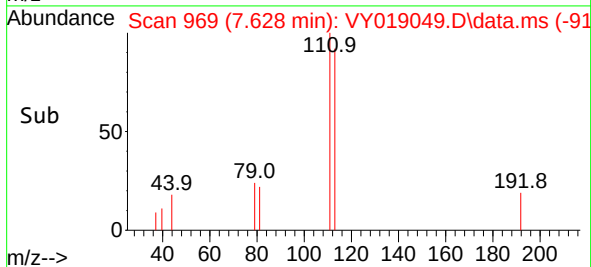
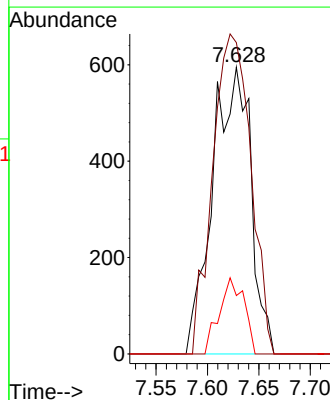
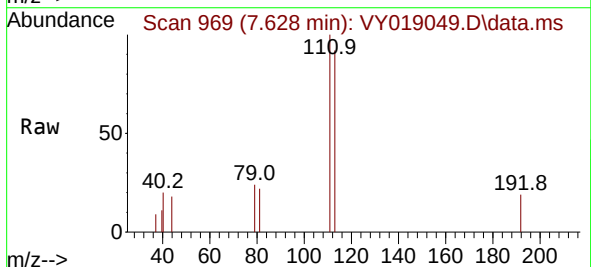
Tgt Ion:113 Resp: 1544

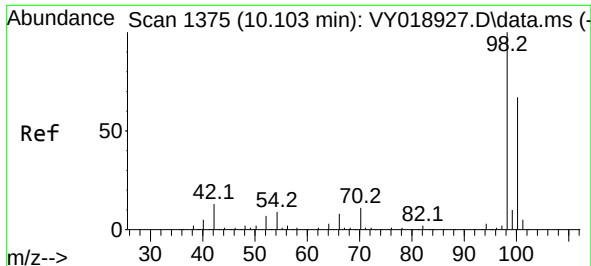
Ion Ratio Lower Upper

113 100

111 111.0 82.2 123.4

192 17.1 15.9 23.9

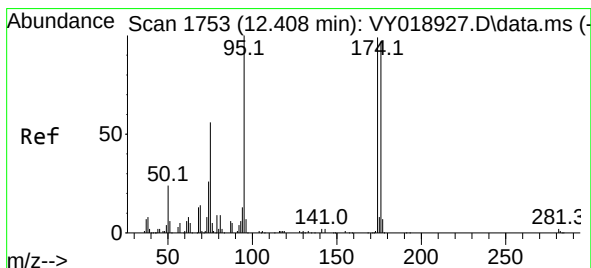
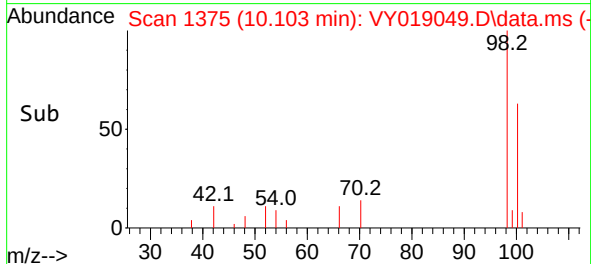
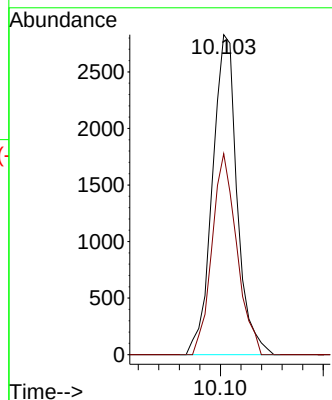
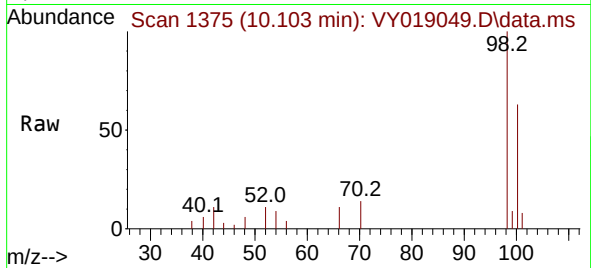




#50
Toluene-d8
Concen: 39.842 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019049.D
Acq: 14 Aug 2024 11:20

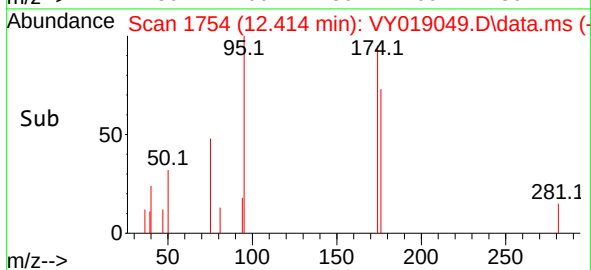
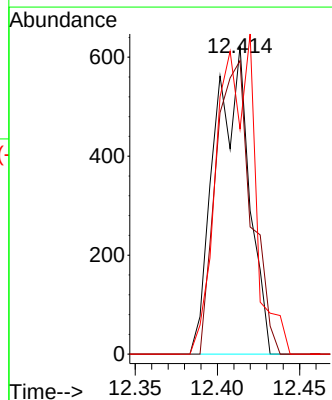
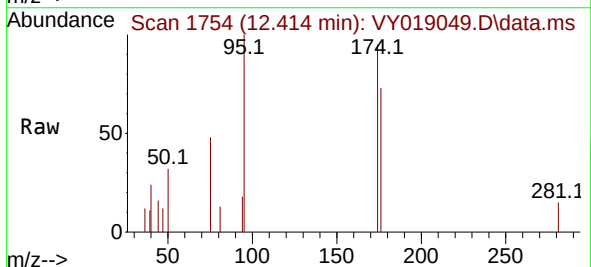
Instrument :
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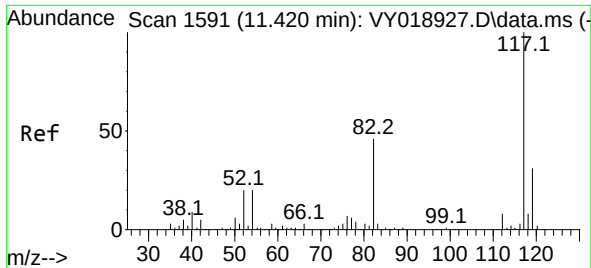
Tgt Ion: 98 Resp: 4718
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.788 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY019049.D
Acq: 14 Aug 2024 11:20

Tgt Ion: 95 Resp: 906
Ion Ratio Lower Upper
95 100
174 97.6 0.0 175.6
176 111.1 0.0 171.4

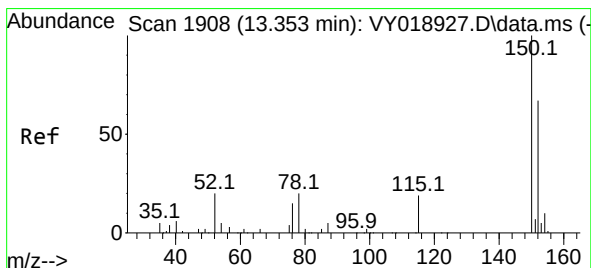
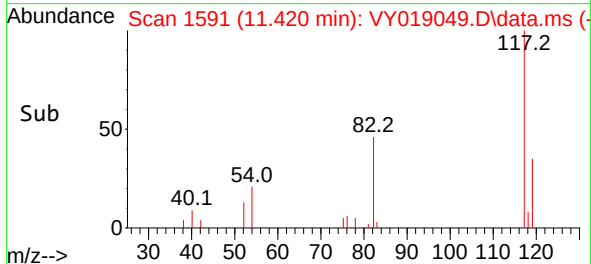
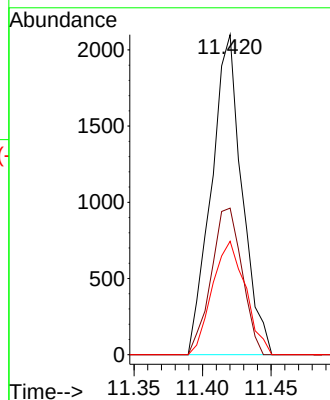
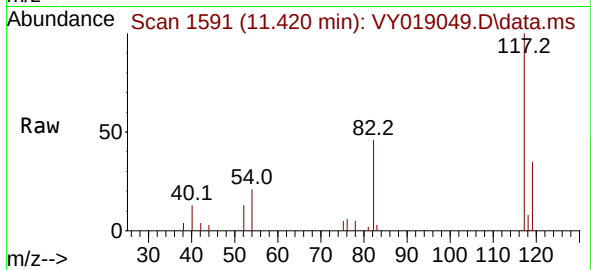




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019049.D
Acq: 14 Aug 2024 11:20

Instrument :
MSVOA_Y
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

Tgt Ion:	117	Resp:	3266
Ion	Ratio	Lower	Upper
117	100		
82	45.8	42.4	63.6
119	35.4	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY019049.D
Acq: 14 Aug 2024 11:20

Tgt Ion:	152	Resp:	789
Ion	Ratio	Lower	Upper
152	100		
115	47.7	28.2	84.7
150	161.1	0.0	345.6

