

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019362.D
 Acq On : 29 Aug 2024 06:42
 Operator : SY/MD
 Sample : P3745-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CM-SOIL-PILE

Quant Time: Aug 29 07:03:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	154	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.616	114	277	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	18	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.371	152	20	50.000	ug/l	# 0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108	69.960	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.920%
35) Dibromofluoromethane	7.628	113	135	74.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.080%#
50) Toluene-d8	10.109	98	179	27.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	54.920%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#

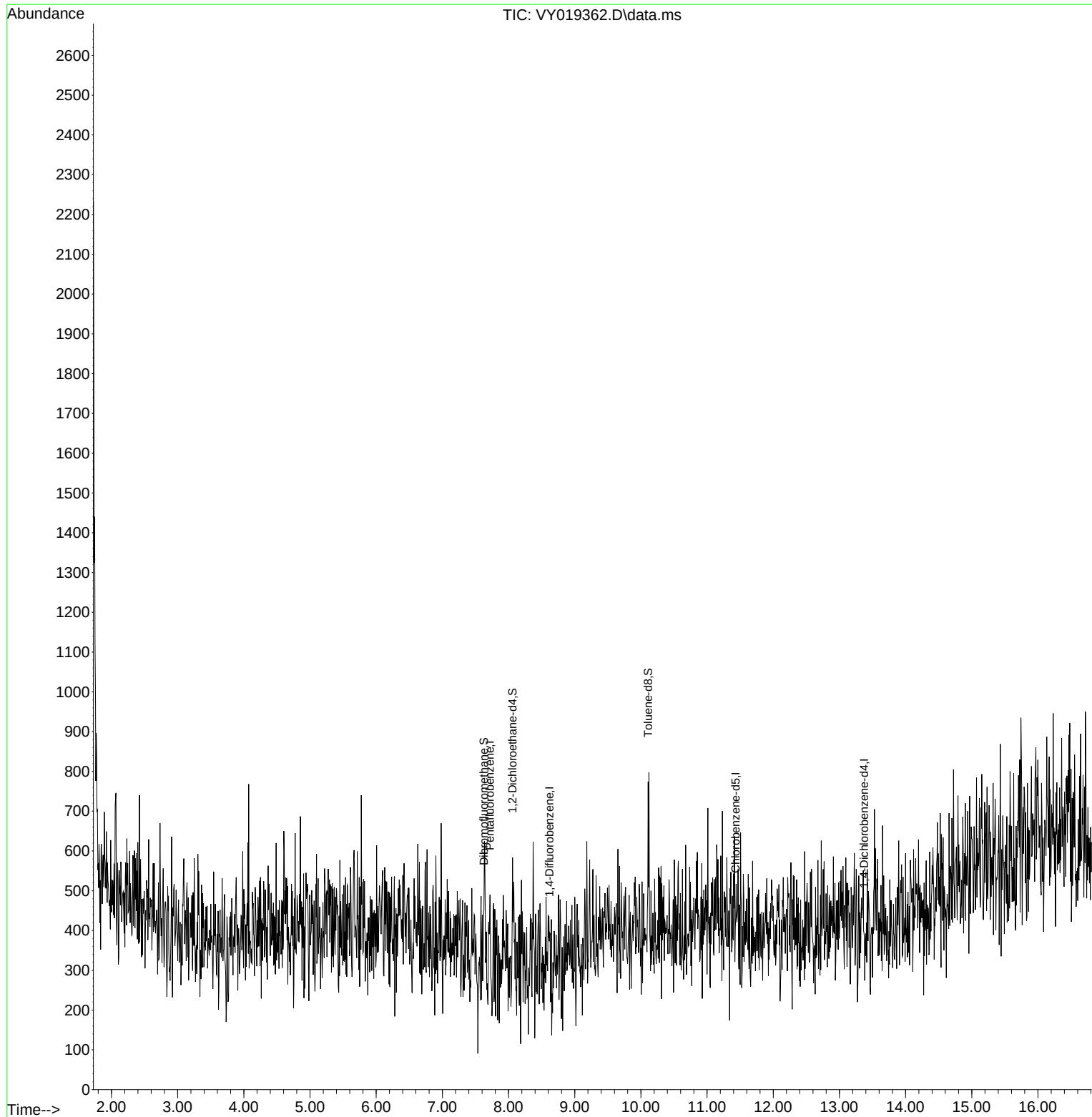
Target Compounds	Qvalue

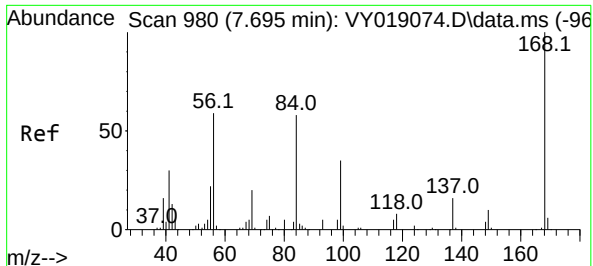
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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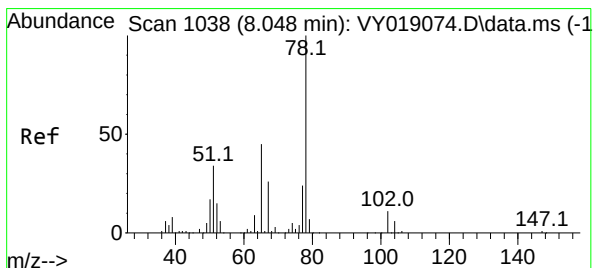
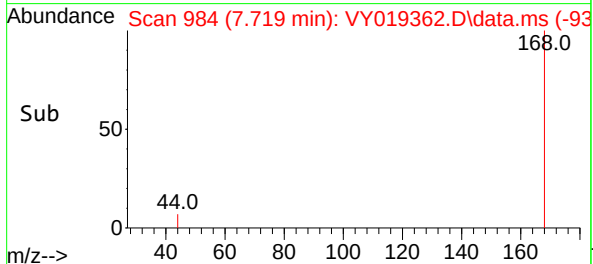
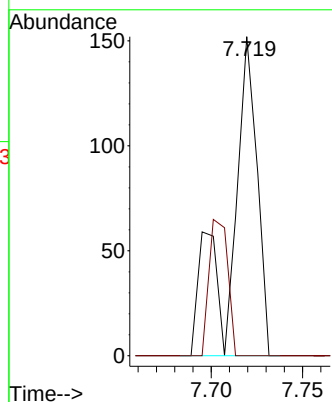
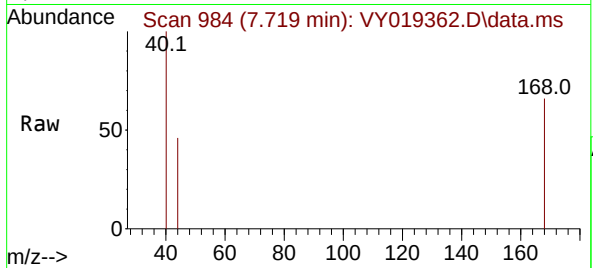




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

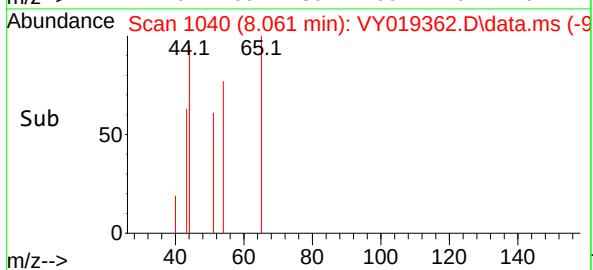
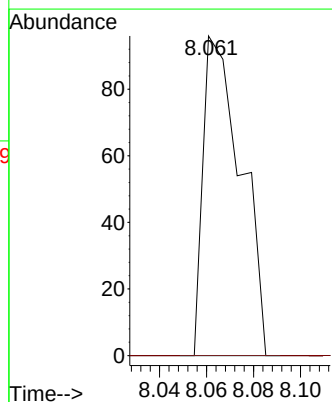
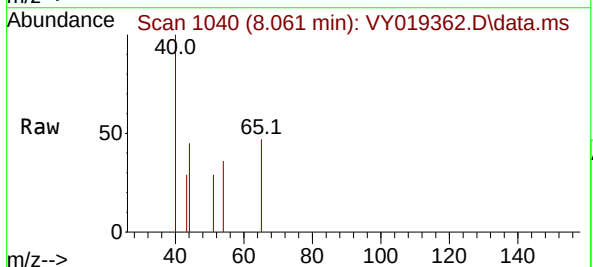
Instrument :
MSVOA_Y
ClientSampleId :
CM-SOIL-PILE

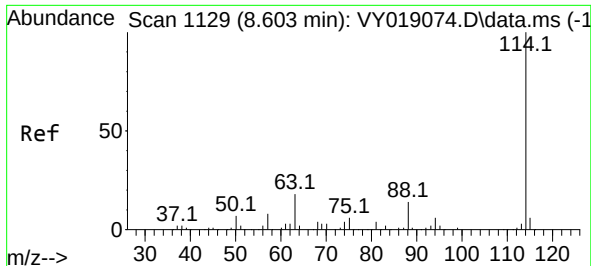
Tgt Ion:168 Resp: 154
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 69.960 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.6

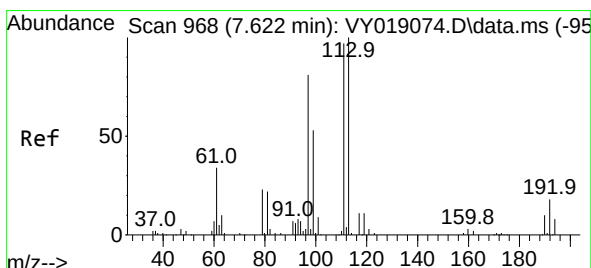
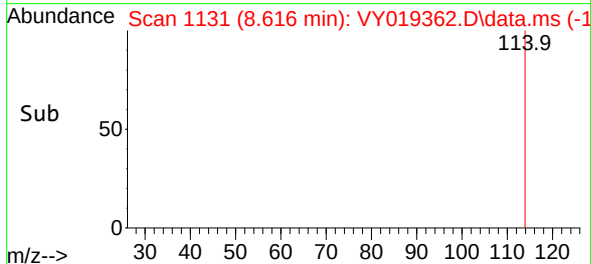
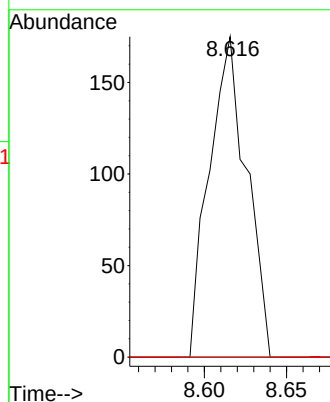
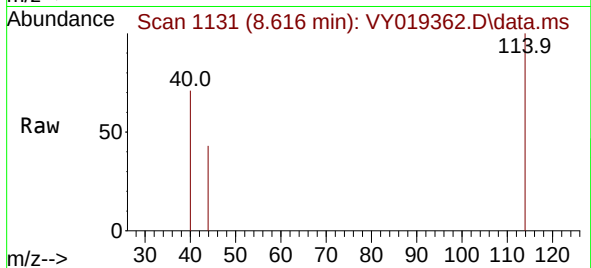




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

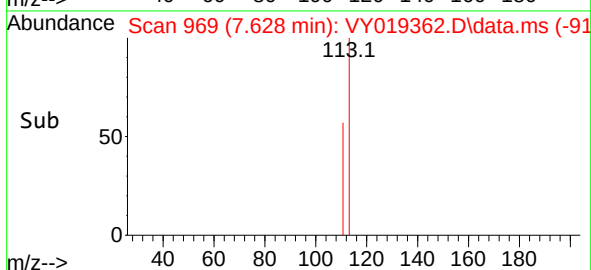
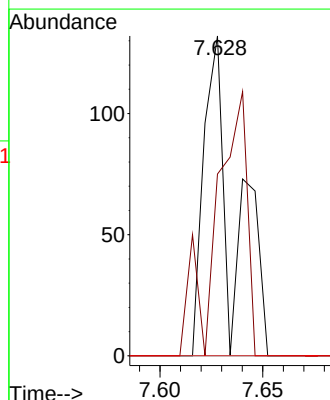
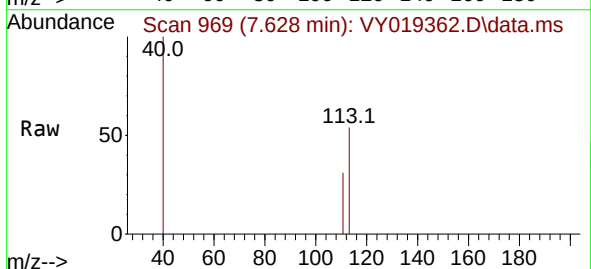
Instrument :
MSVOA_Y
ClientSampleId :
CM-SOIL-PILE

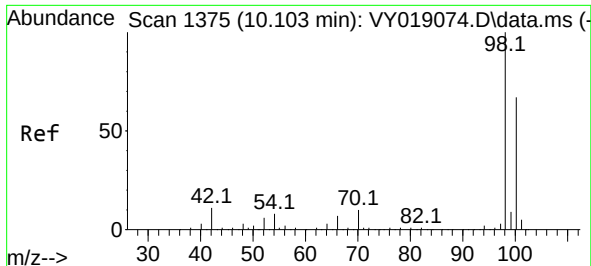
Tgt Ion:114	Resp:	277
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 35.0
88	0.0	0.0 27.2



#35
Dibromofluoromethane
Concen: 74.537 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Tgt Ion:113	Resp:	135
Ion	Ratio	Lower Upper
113	100	
111	85.9	82.2 123.4
192	0.0	15.9 23.9#





#50

Toluene-d8

Concen: 27.463 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019362.D

Acq: 29 Aug 2024 06:42

Instrument :

MSVOA_Y

ClientSampleId :

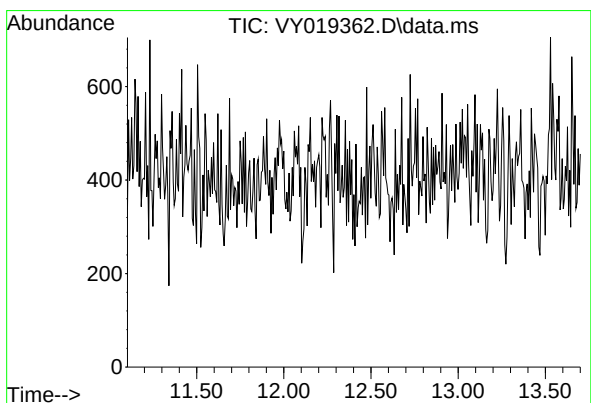
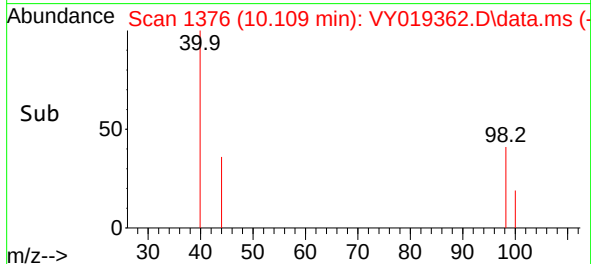
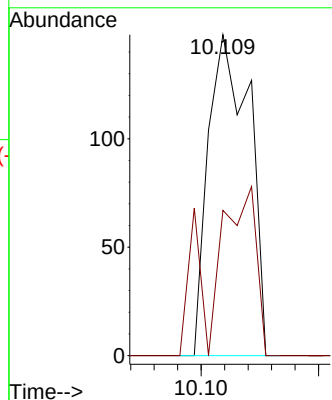
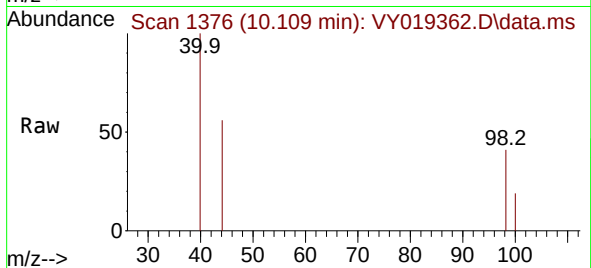
CM-SOIL-PILE

Tgt Ion: 98 Resp: 179

Ion Ratio Lower Upper

98 100

100 55.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VY019362.D

Acq: 29 Aug 2024 06:42

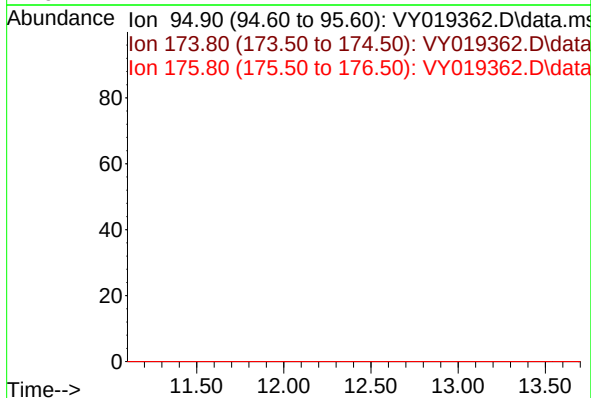
Tgt Ion: 95

Sig Exp Ratio

95 100

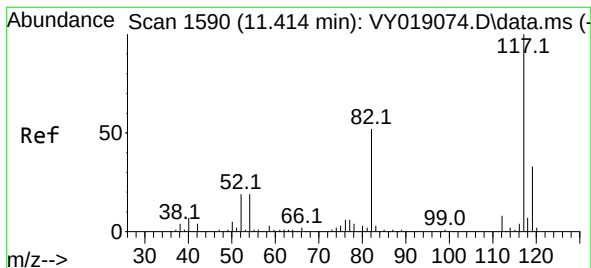
174 87.8

176 85.7



Ion 173.80 (173.50 to 174.50): VY019362.D\data.ms

Ion 175.80 (175.50 to 176.50): VY019362.D\data.ms



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY019362.D

Acq: 29 Aug 2024 06:42

Instrument :

MSVOA_Y

ClientSampleId :

CM-SOIL-PILE

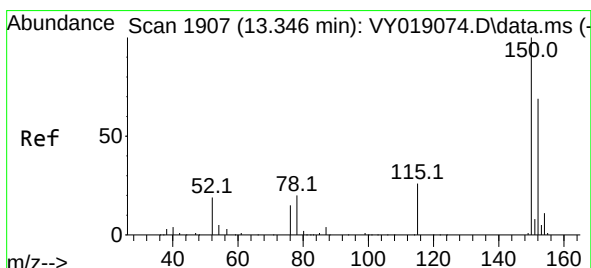
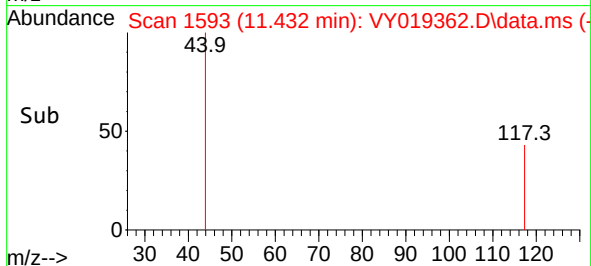
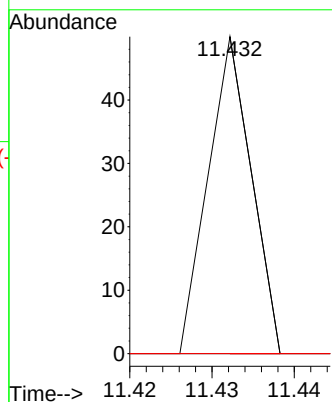
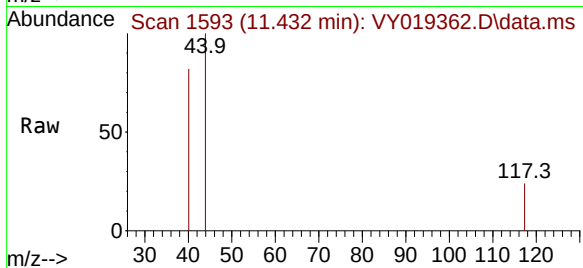
Tgt Ion:117 Resp: 18

Ion Ratio Lower Upper

117 100

82 0.0 42.4 63.6#

119 0.0 25.9 38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.025 min

Lab File: VY019362.D

Acq: 29 Aug 2024 06:42

Tgt Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 415.0 0.0 345.6#

