

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019284.D
 Acq On : 27 Aug 2024 14:21
 Operator : SY/MD
 Sample : P3663-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 920-J-SD-0-0.5-081624RE

Quant Time: Aug 28 01:44:16 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	7.701	168	12297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	18379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	12706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	4482	36.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.720%
35) Dibromofluoromethane	7.628	113	6098	50.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.109	98	19020	43.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.408	95	3722	25.247	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	50.500%

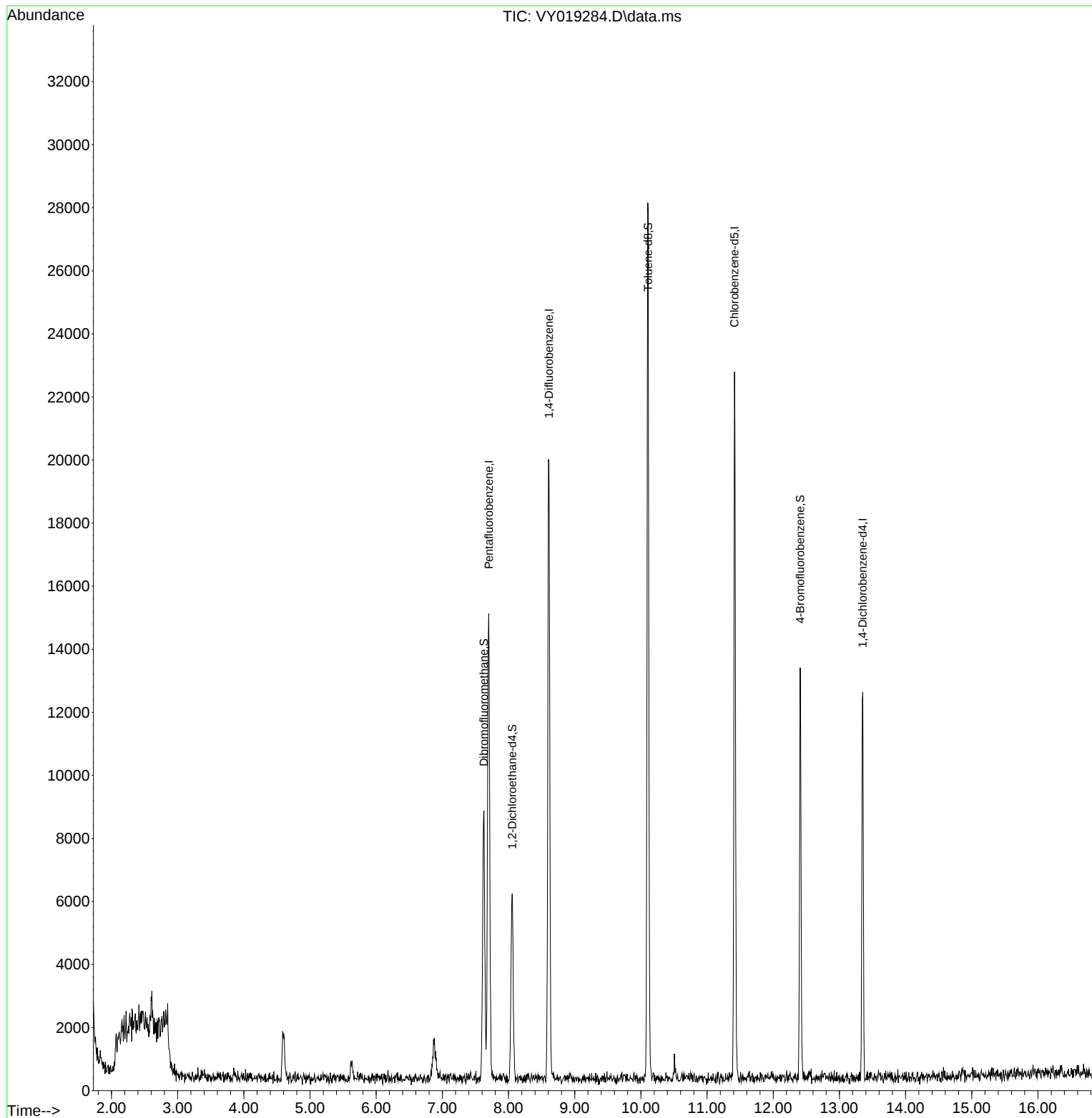
Target Compounds	Qvalue

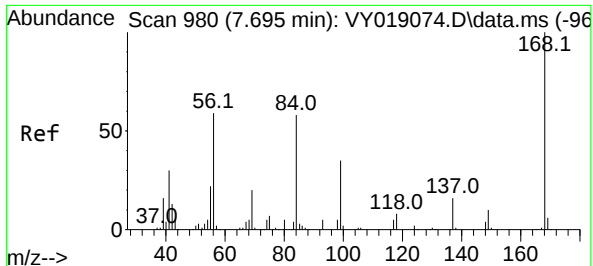
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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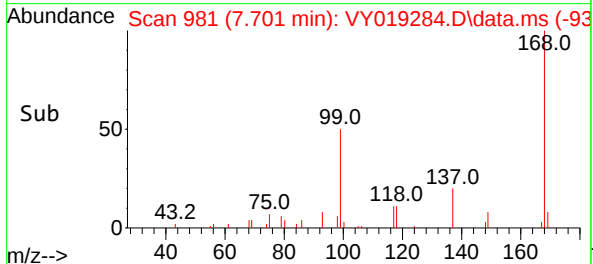
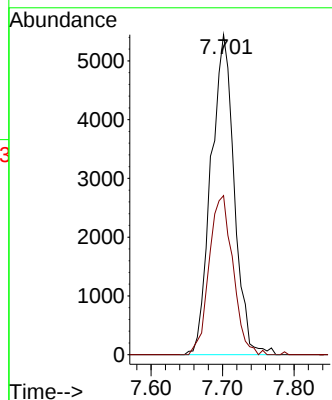
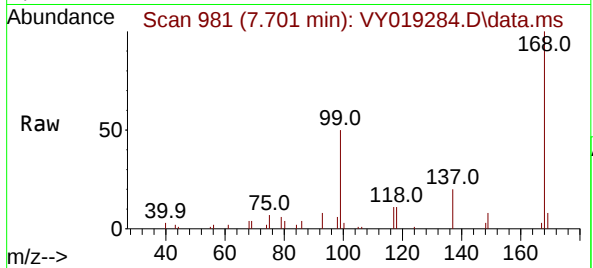




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019284.D
Acq: 27 Aug 2024 14:21

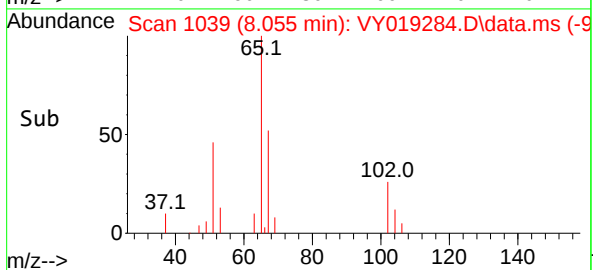
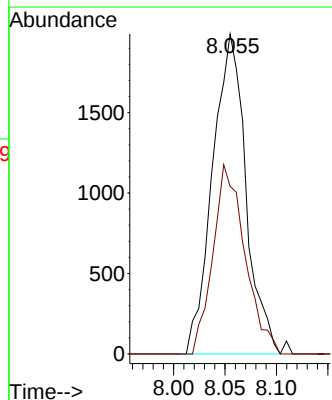
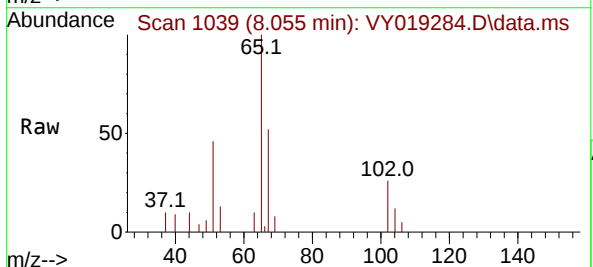
Instrument :
MSVOA_Y
ClientSampleId :
920-J-SD-0-0.5-081624RE

Tgt Ion:168 Resp: 12297
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 36.360 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY019284.D
Acq: 27 Aug 2024 14:21

Tgt Ion: 65 Resp: 4482
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019284.D

Acq: 27 Aug 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

920-J-SD-0-0.5-081624RE

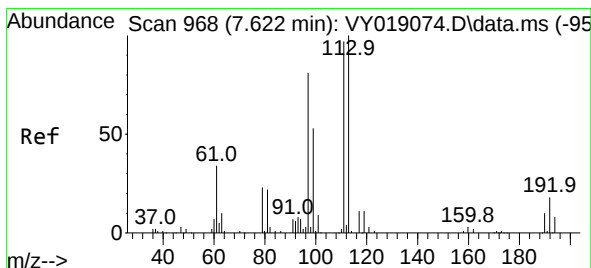
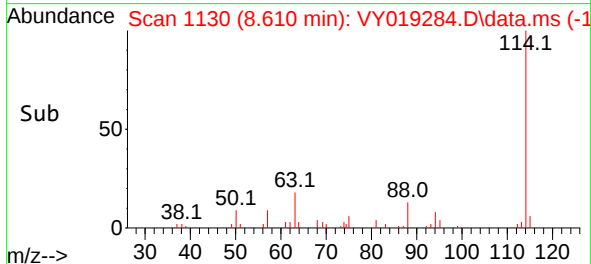
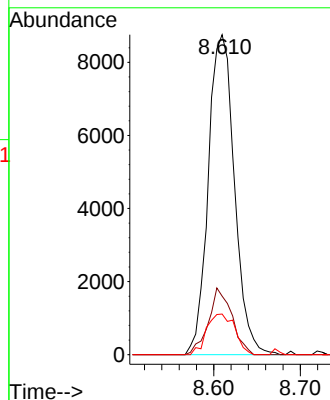
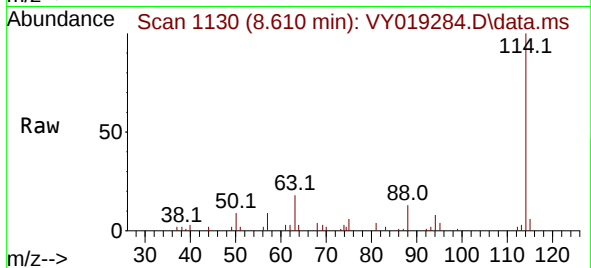
Tgt Ion:114 Resp: 18379

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.744 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019284.D

Acq: 27 Aug 2024 14:21

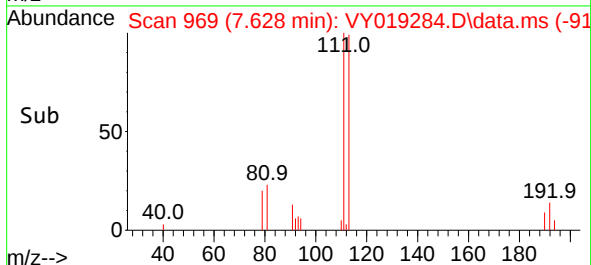
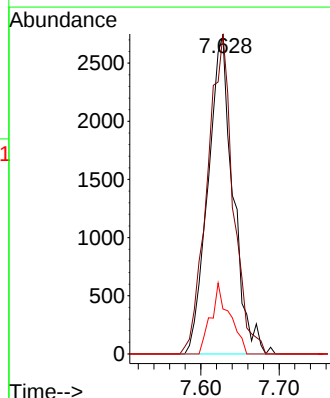
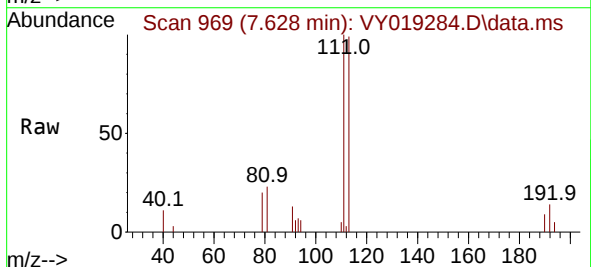
Tgt Ion:113 Resp: 6098

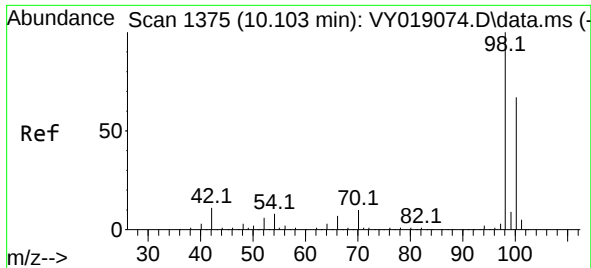
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 16.6 15.9 23.9

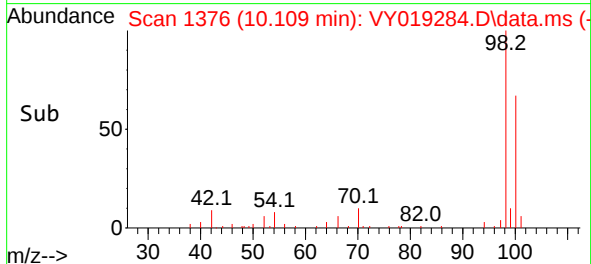
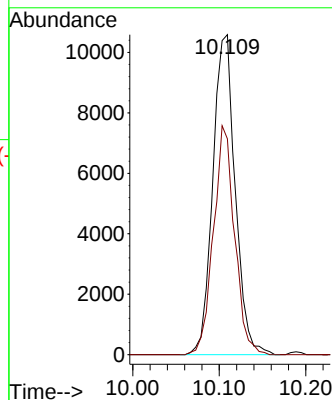
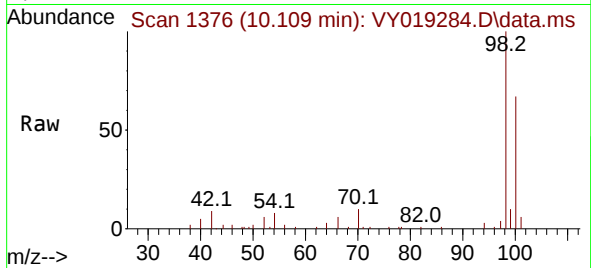




#50
Toluene-d8
Concen: 43.981 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019284.D
Acq: 27 Aug 2024 14:21

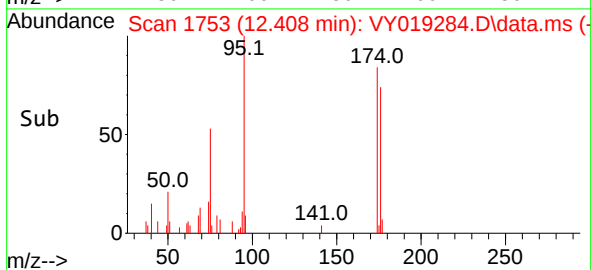
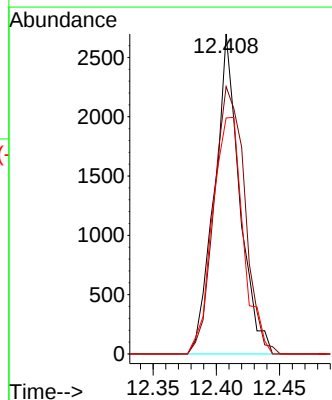
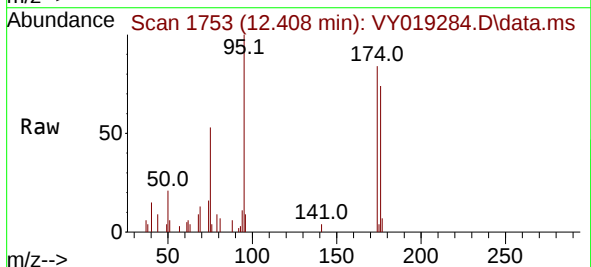
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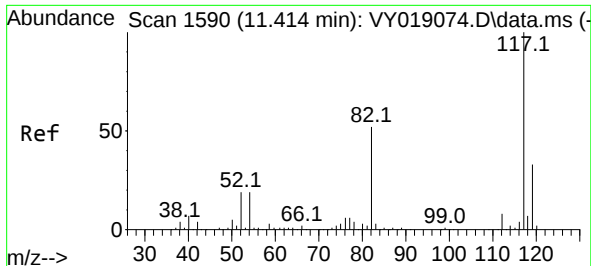
Tgt Ion: 98 Resp: 19020
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.247 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019284.D
Acq: 27 Aug 2024 14:21

Tgt Ion: 95 Resp: 3722
Ion Ratio Lower Upper
95 100
174 102.0 0.0 175.6
176 90.2 0.0 171.4

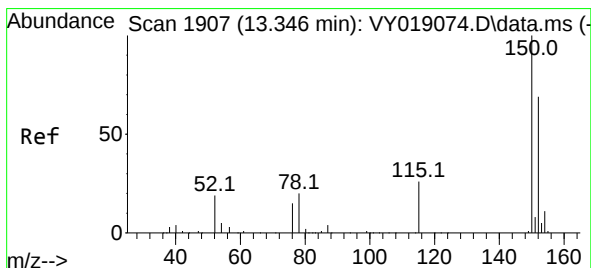
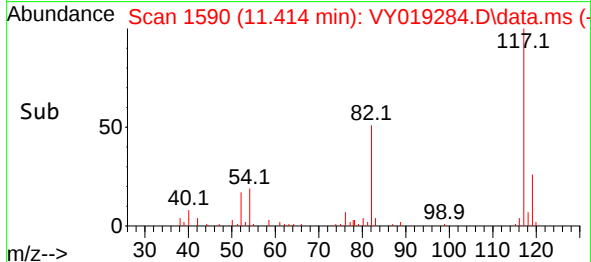
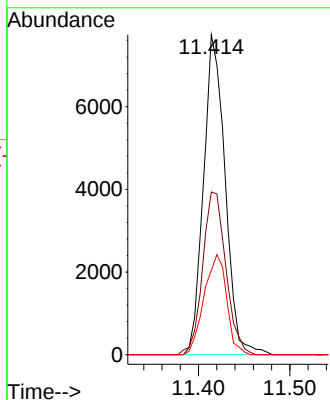
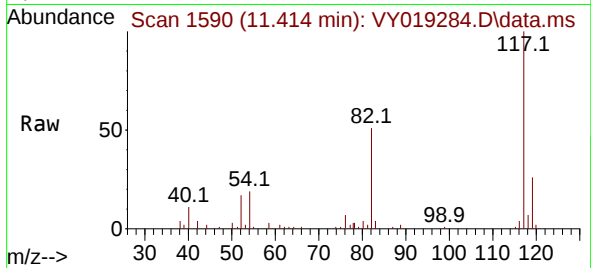




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019284.D
Acq: 27 Aug 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
920-J-SD-0-0.5-081624RE

Tgt Ion:117	Resp:	12706
Ion	Ratio	Lower Upper
117	100	
82	50.9	42.4 63.6
119	26.3	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019284.D
Acq: 27 Aug 2024 14:21

Tgt Ion:152	Resp:	3449
Ion	Ratio	Lower Upper
152	100	
115	60.2	28.2 84.7
150	155.3	0.0 345.6

