

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019293.D
 Acq On : 27 Aug 2024 18:05
 Operator : SY/MD
 Sample : P3663-10RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 915-J-SD-0.5-1-081624RE

Quant Time: Aug 28 01:47:50 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	7.695	168	11123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	17192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	9787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	3611	32.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.780%
35) Dibromofluoromethane	7.622	113	4746	42.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.440%
50) Toluene-d8	10.103	98	17232	42.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.200%
62) 4-Bromofluorobenzene	12.408	95	2658	19.274	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	38.540%

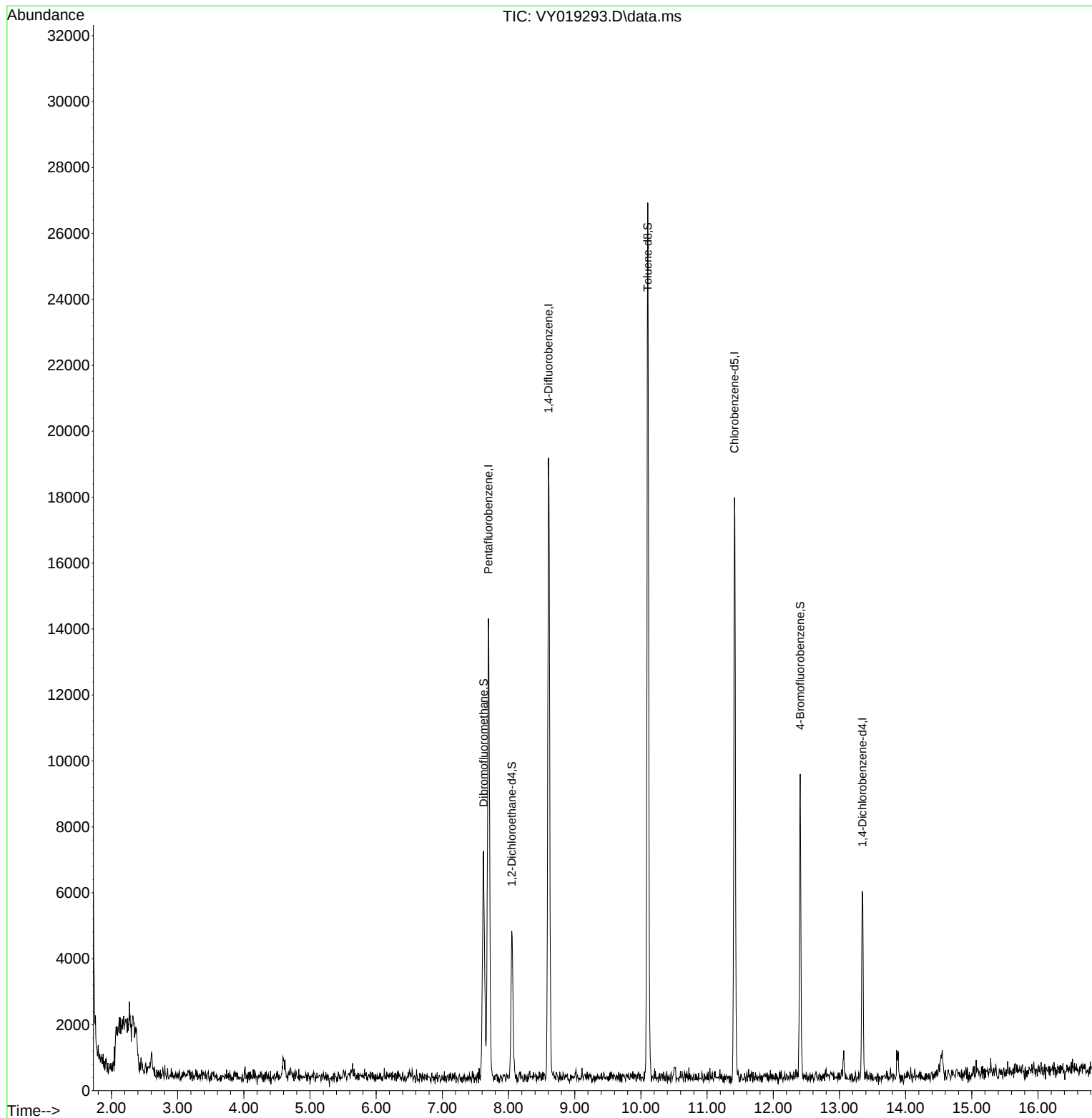
Target Compounds	Qvalue

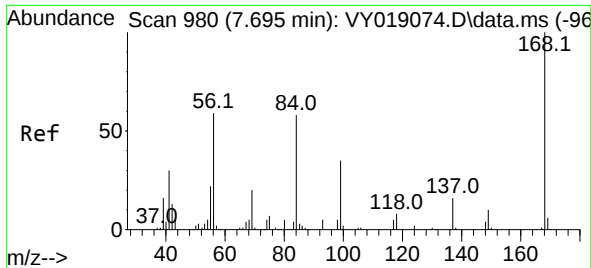
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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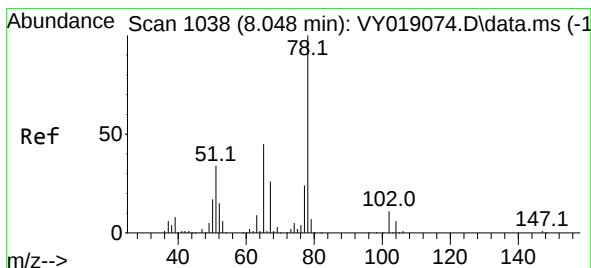
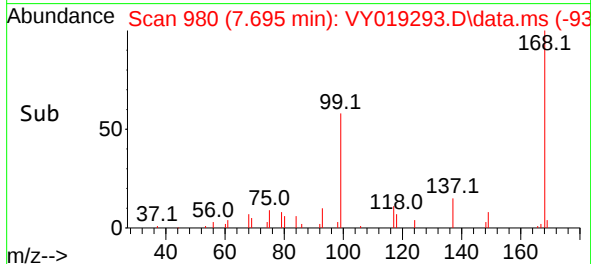
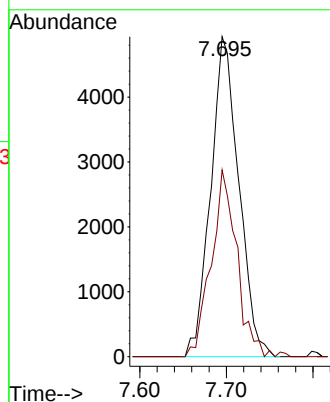
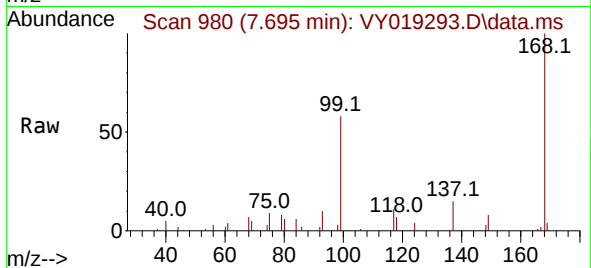




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

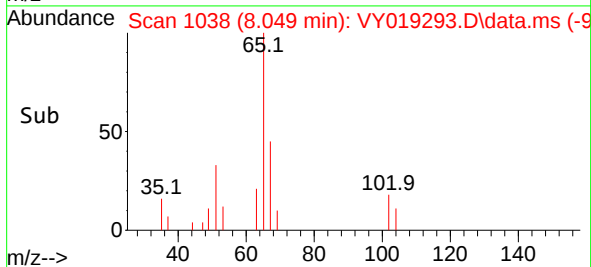
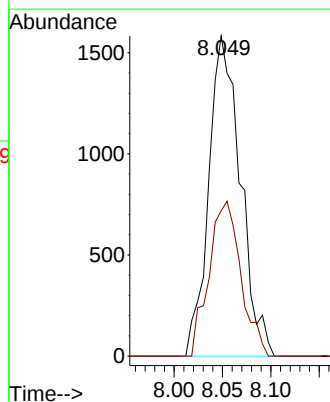
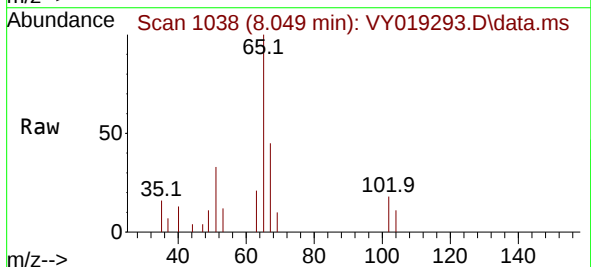
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0.5-1-081624RE

Tgt Ion:168 Resp: 11123
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.386 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion: 65 Resp: 3611
Ion Ratio Lower Upper
65 100
67 48.6 0.0 109.6

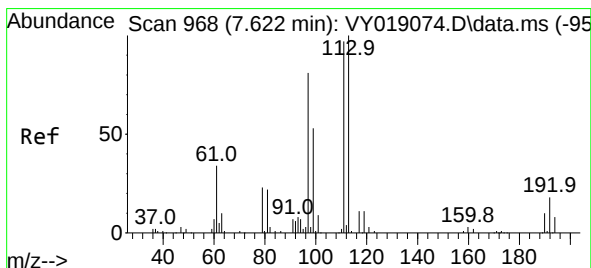
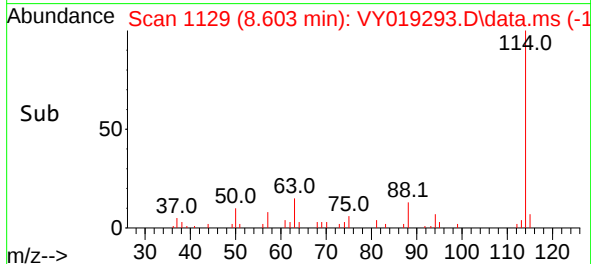
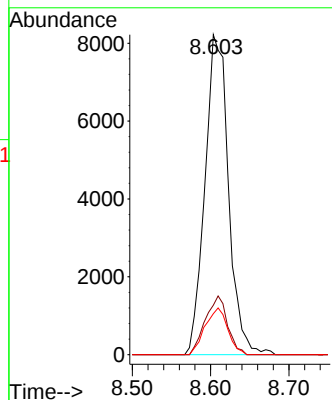
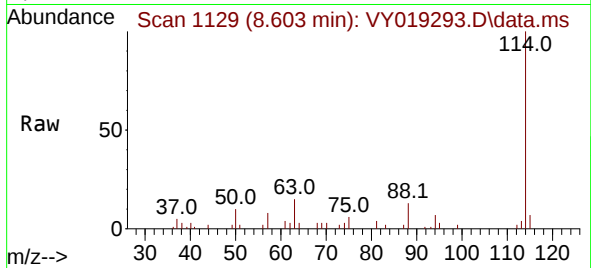




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

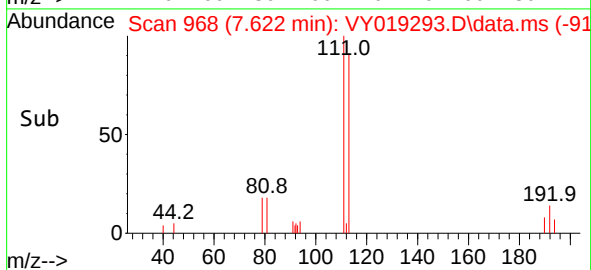
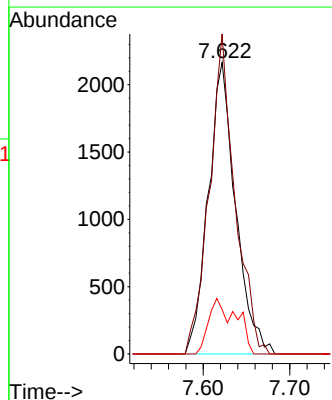
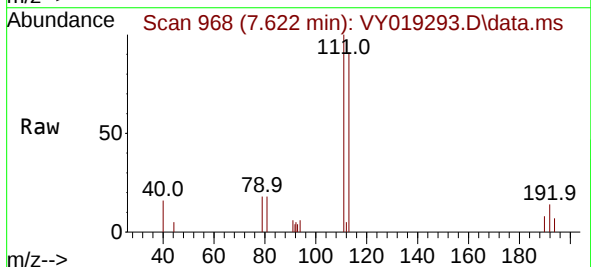
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0.5-1-081624RE

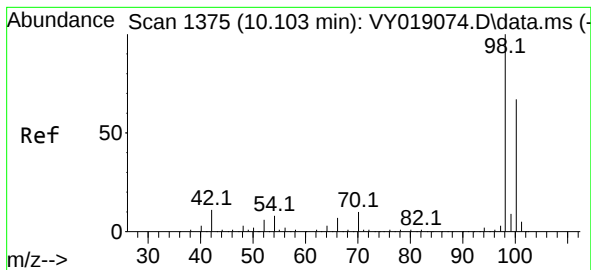
Tgt Ion:114 Resp: 17192
Ion Ratio Lower Upper
114 100
63 15.4 0.0 35.0
88 12.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 42.220 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion:113 Resp: 4746
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 11.8 15.9 23.9#





#50

Toluene-d8

Concen: 42.598 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019293.D

Acq: 27 Aug 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

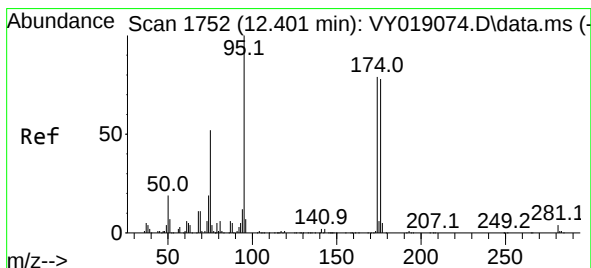
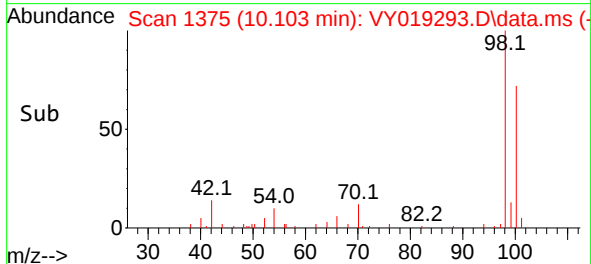
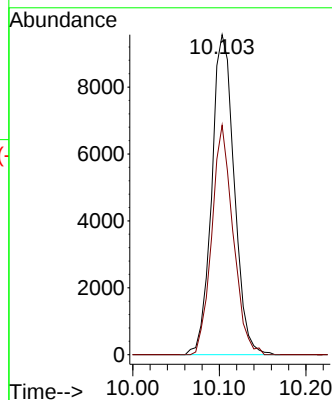
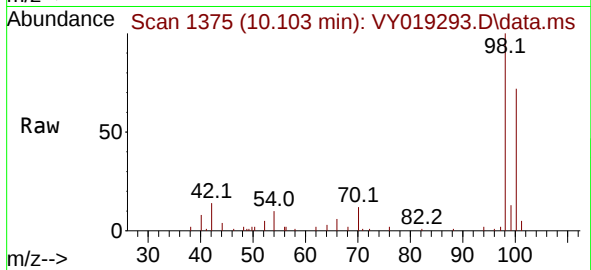
915-J-SD-0.5-1-081624RE

Tgt Ion: 98 Resp: 17232

Ion Ratio Lower Upper

98 100

100 68.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 19.274 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019293.D

Acq: 27 Aug 2024 18:05

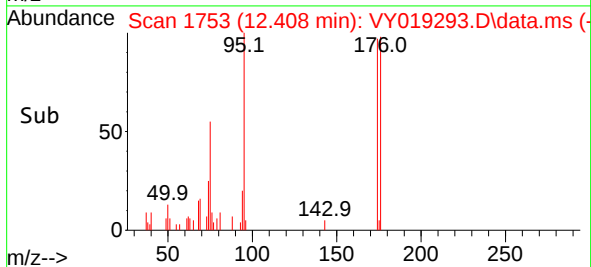
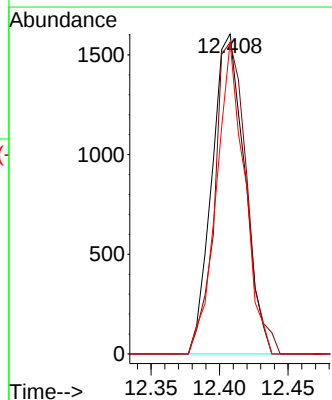
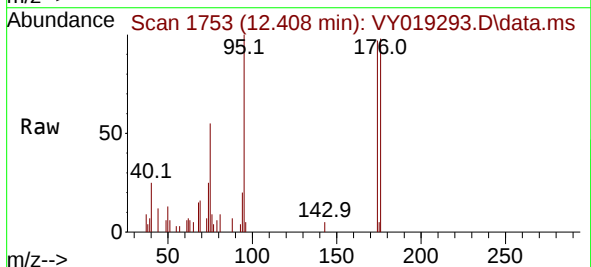
Tgt Ion: 95 Resp: 2658

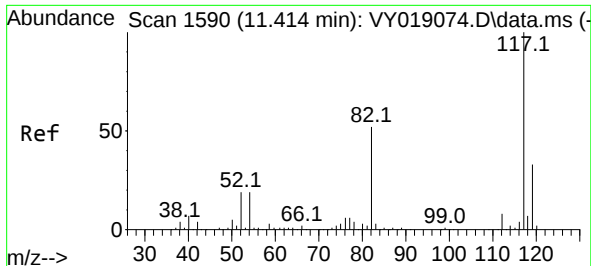
Ion Ratio Lower Upper

95 100

174 95.6 0.0 175.6

176 84.0 0.0 171.4

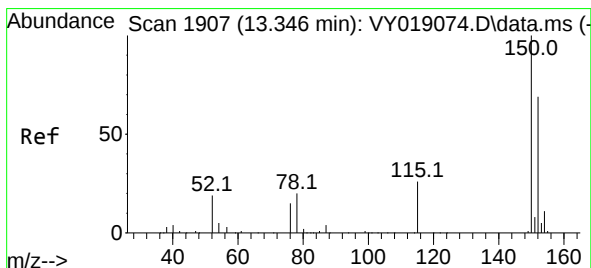
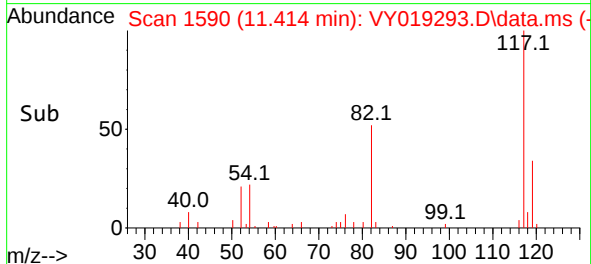
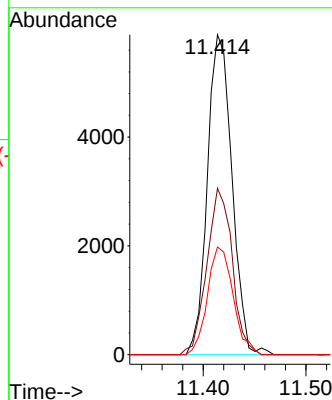
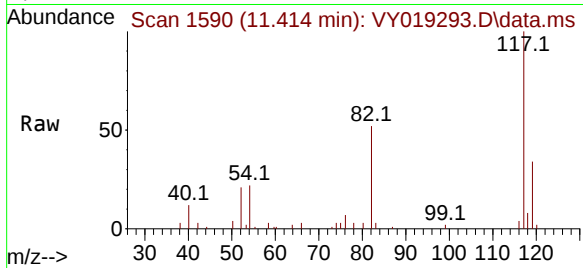




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0.5-1-081624RE

Tgt Ion:	117	Resp:	9787
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	33.7	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: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion:	152	Resp:	1800
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.2	84.7
150	146.4	0.0	345.6

