

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019123.D
 Acq On : 19 Aug 2024 17:45
 Operator : SY/MD
 Sample : P3617-10
 Misc : 3.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B5-081424-DUP

Quant Time: Aug 20 01:48:30 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	9460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	13099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	8573	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	3859	40.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.380%
35) Dibromofluoromethane	7.622	113	4367	50.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.103	98	13538	43.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.840%
62) 4-Bromofluorobenzene	12.408	95	2557	24.336	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	48.680%

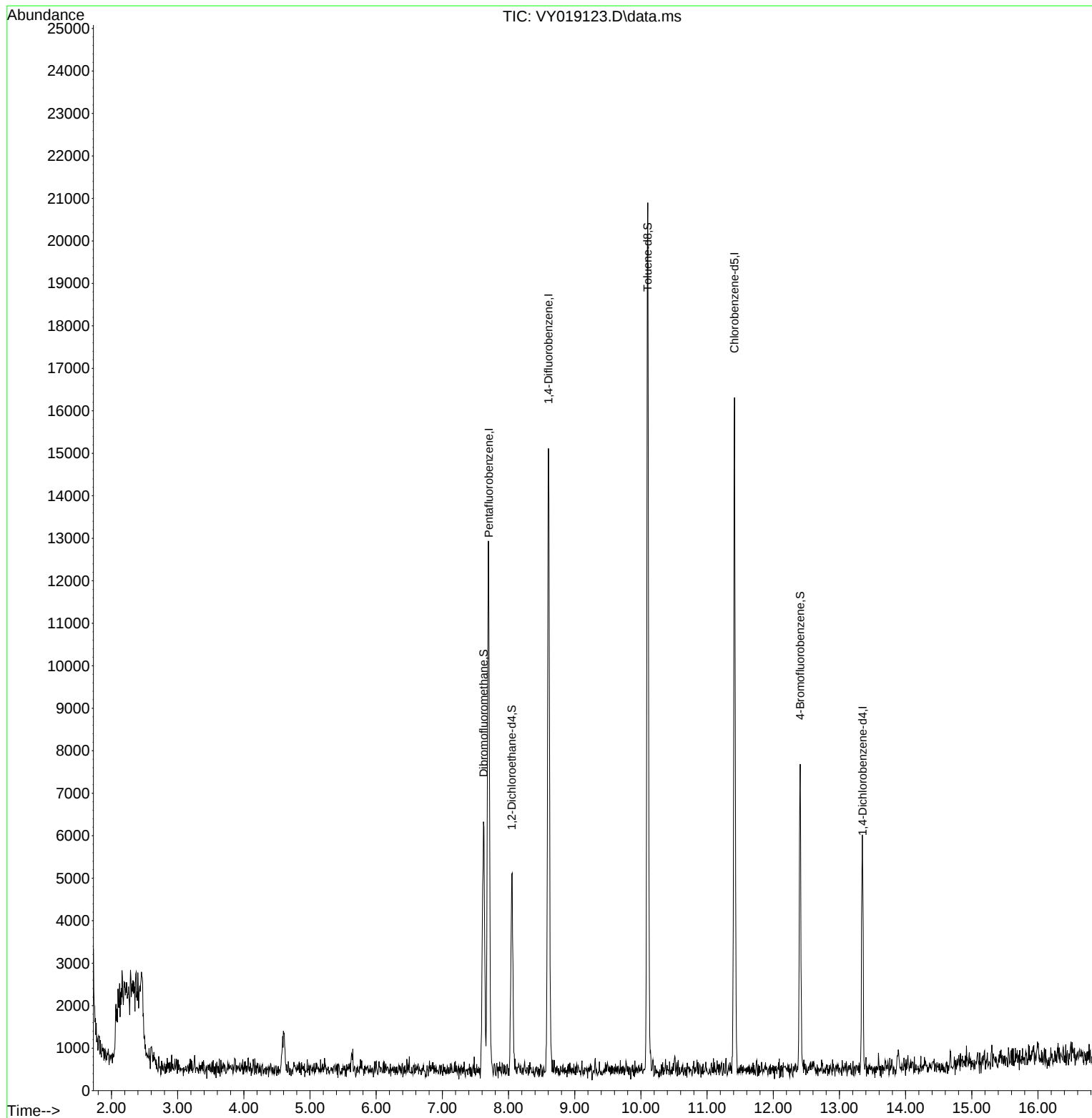
Target Compounds	Qvalue

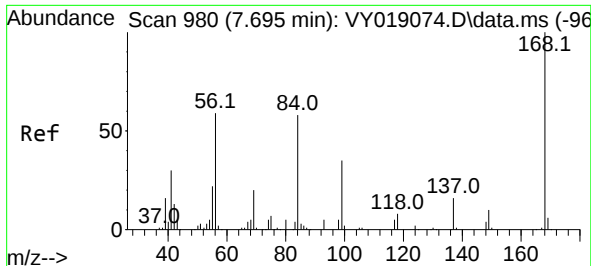
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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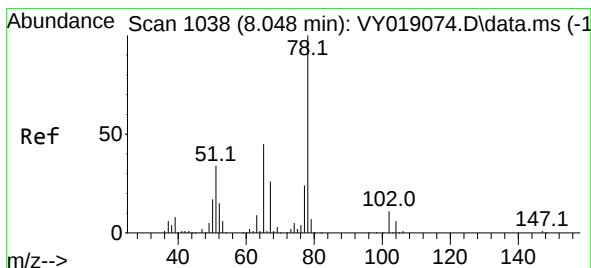
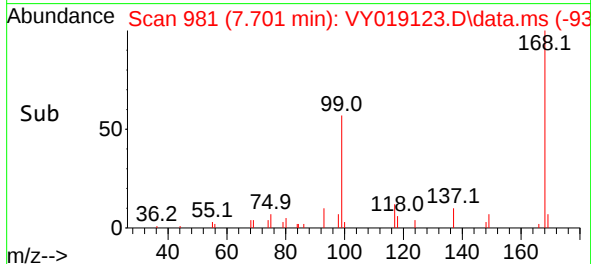
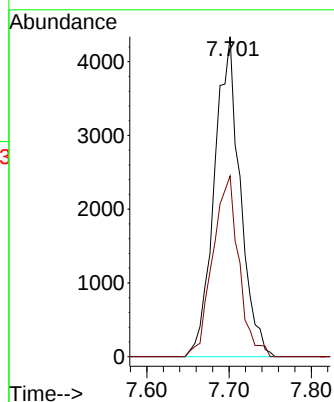
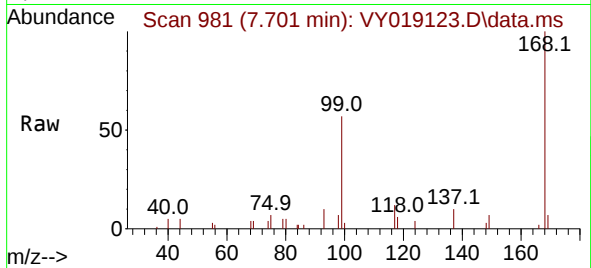




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

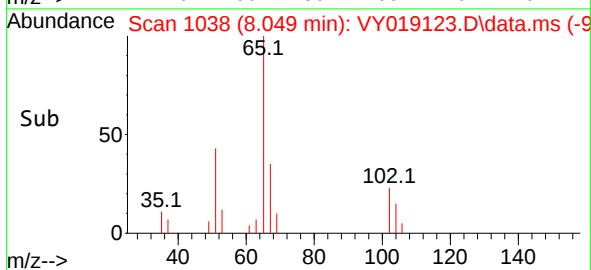
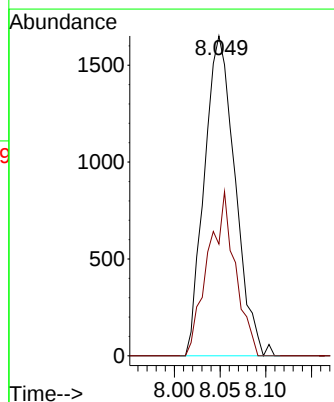
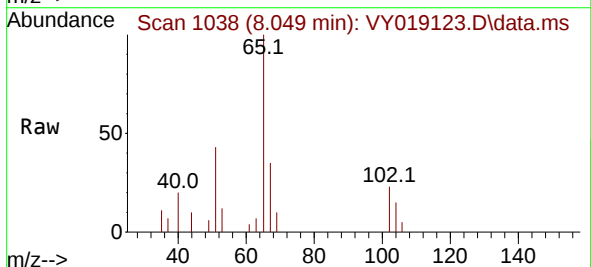
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-DUP

Tgt Ion:168 Resp: 9460
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 40.694 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion: 65 Resp: 3859
Ion Ratio Lower Upper
65 100
67 45.5 0.0 109.6

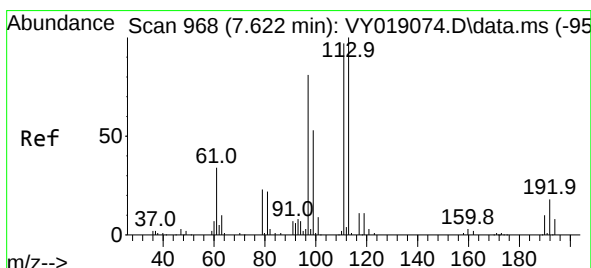
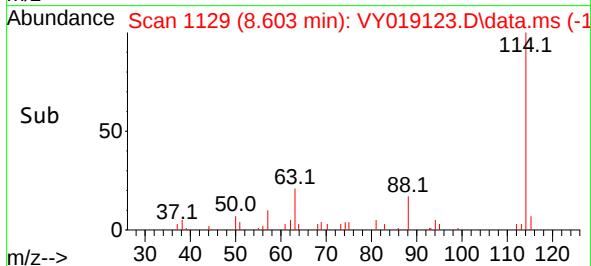
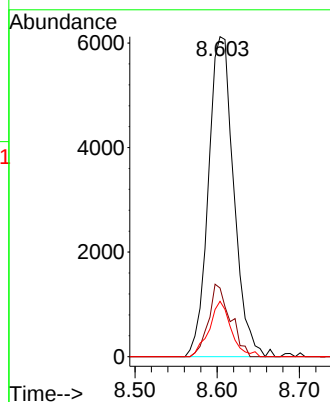
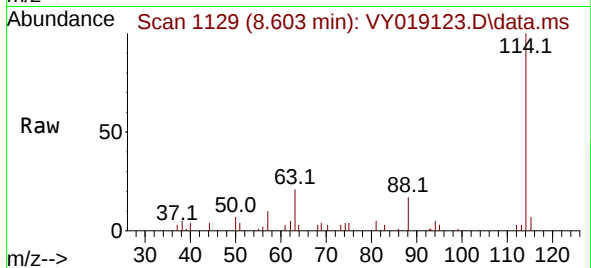




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

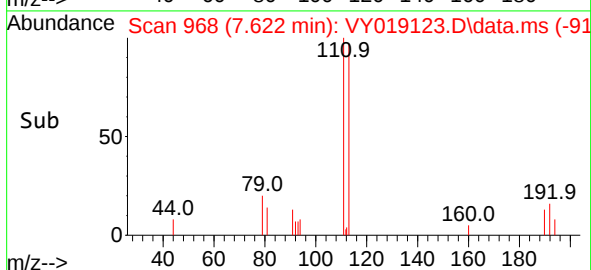
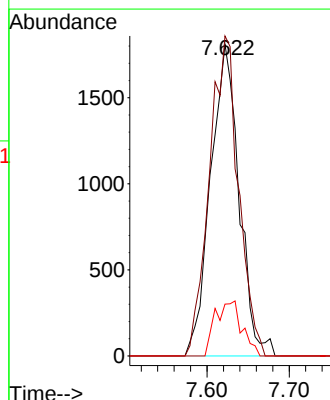
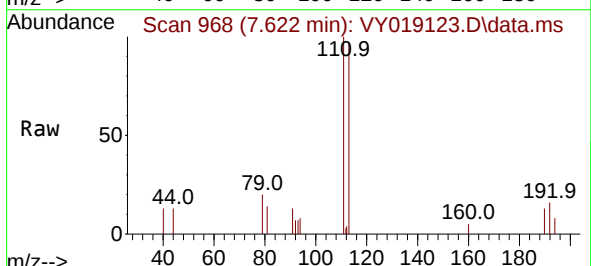
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-DUP

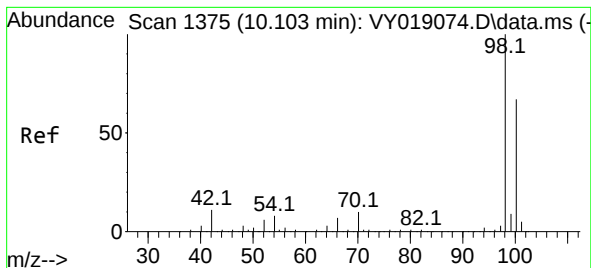
Tgt Ion:	114	Resp:	13099
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	17.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.987 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion:	113	Resp:	4367
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 43.923 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019123.D

Acq: 19 Aug 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

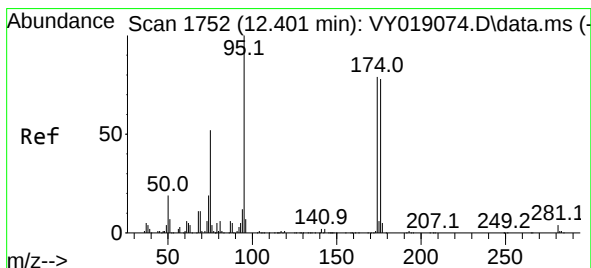
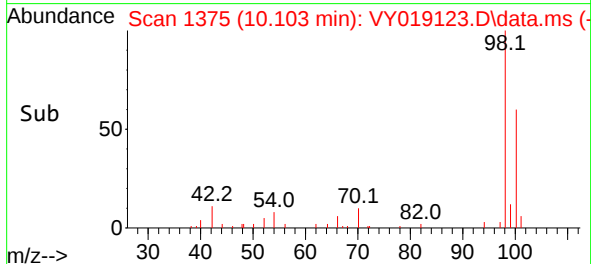
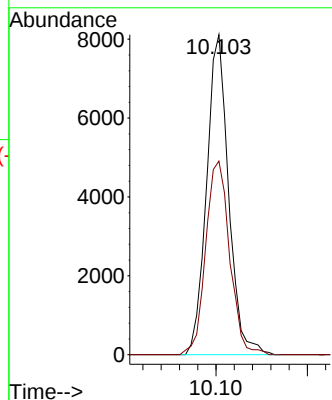
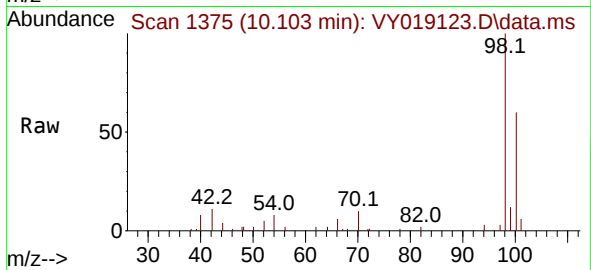
VCPS-B5-081424-DUP

Tgt Ion: 98 Resp: 13538

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 24.336 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019123.D

Acq: 19 Aug 2024 17:45

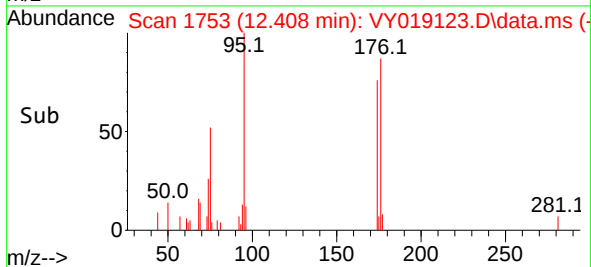
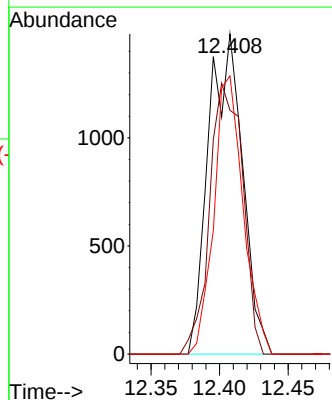
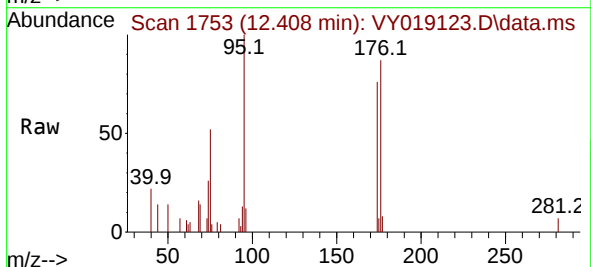
Tgt Ion: 95 Resp: 2557

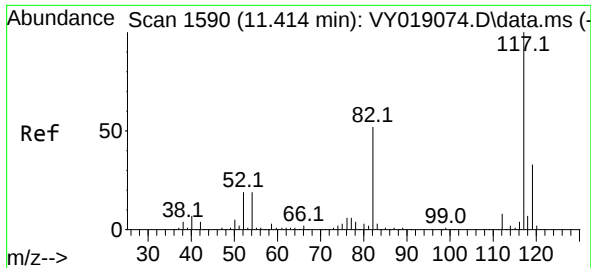
Ion Ratio Lower Upper

95 100

174 81.9 0.0 175.6

176 74.7 0.0 171.4

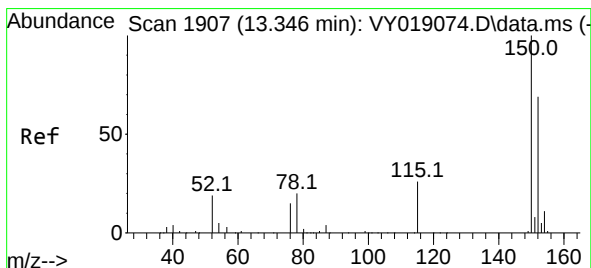
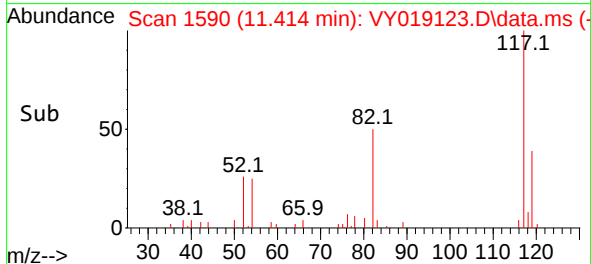
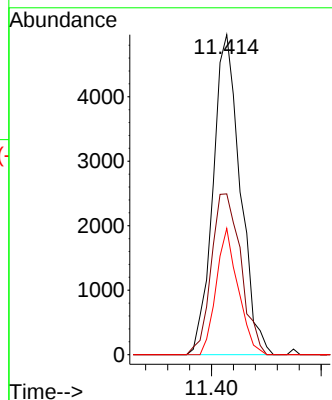
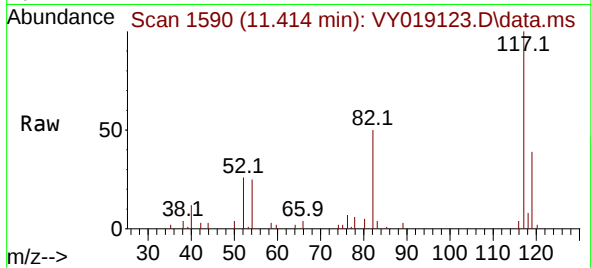




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-DUP

Tgt Ion:117 Resp: 8573
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 39.4 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion:152 Resp: 1419
Ion Ratio Lower Upper
152 100
115 70.8 28.2 84.7
150 194.7 0.0 345.6

