

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021143.D
 Acq On : 07 Feb 2025 16:36
 Operator : SY/MD
 Sample : Q1287-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-E

Quant Time: Feb 08 02:43:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	1937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	3146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1335	67.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.540%
35) Dibromofluoromethane	7.646	113	1284	63.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.380%
50) Toluene-d8	10.109	98	3144	40.961	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.920%
62) 4-Bromofluorobenzene	12.408	95	299	11.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	23.840%#

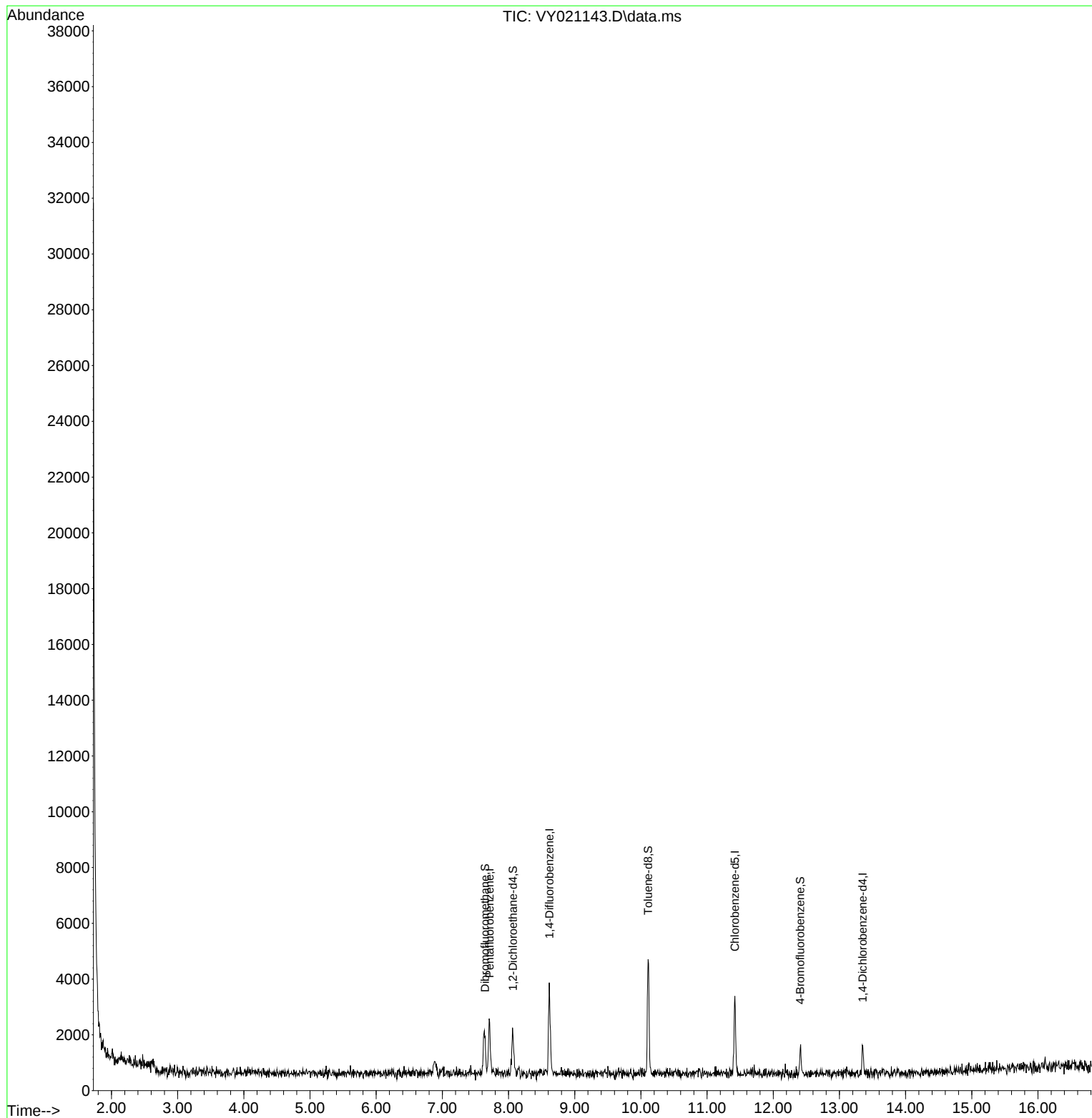
Target Compounds	Qvalue

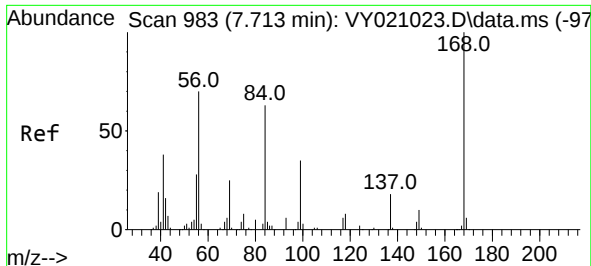
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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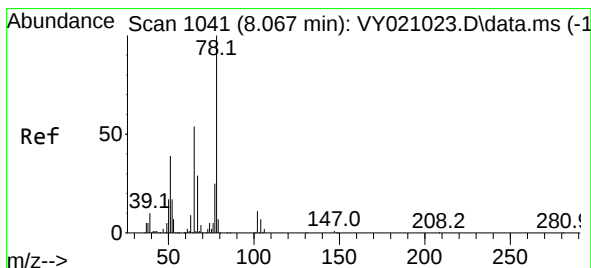
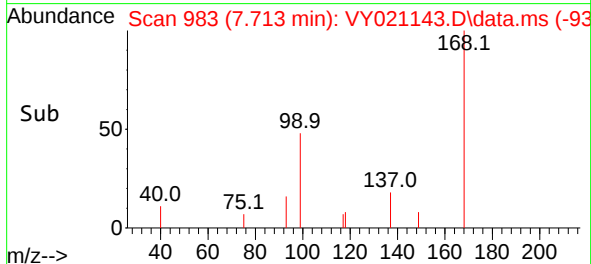
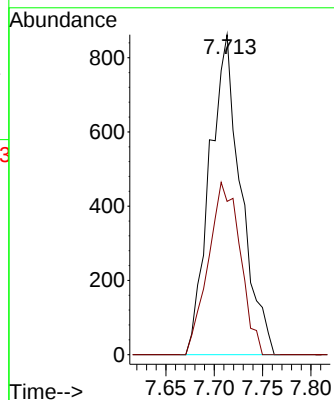
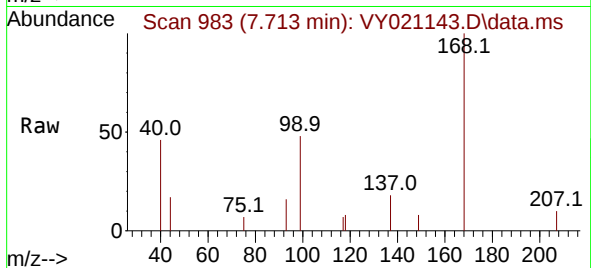




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

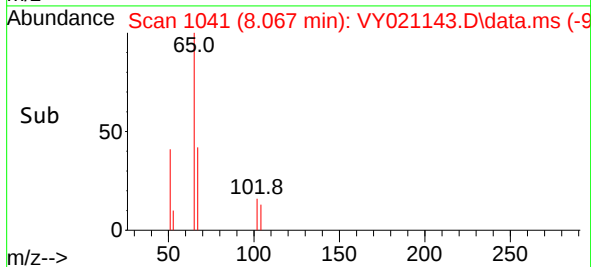
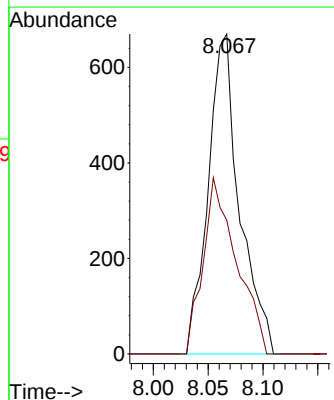
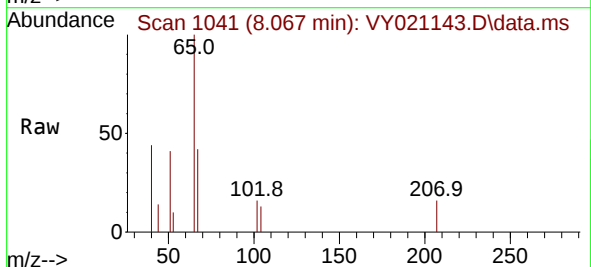
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-E

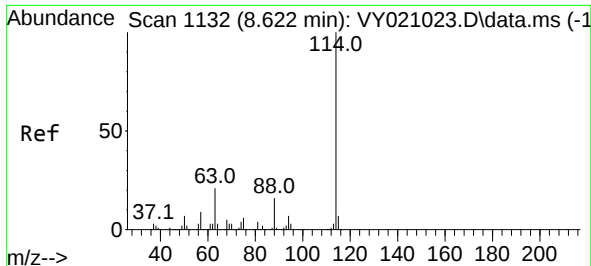
Tgt Ion:168 Resp: 1937
Ion Ratio Lower Upper
168 100
99 47.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 67.268 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion: 65 Resp: 1335
Ion Ratio Lower Upper
65 100
67 58.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021143.D

Acq: 07 Feb 2025 16:36

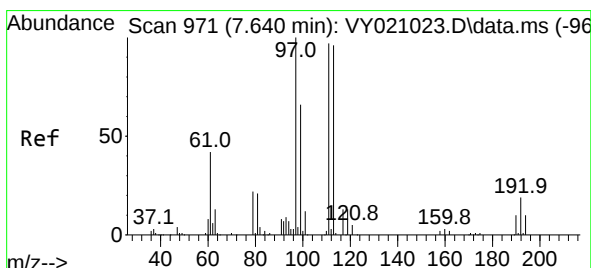
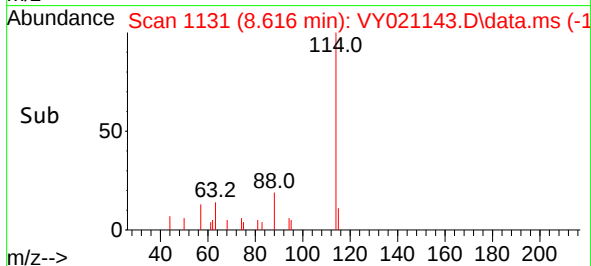
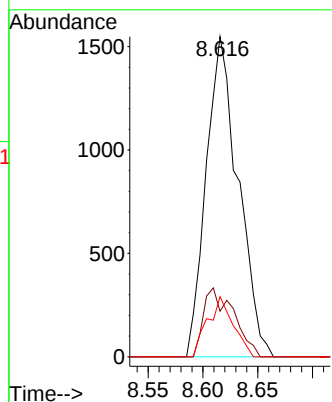
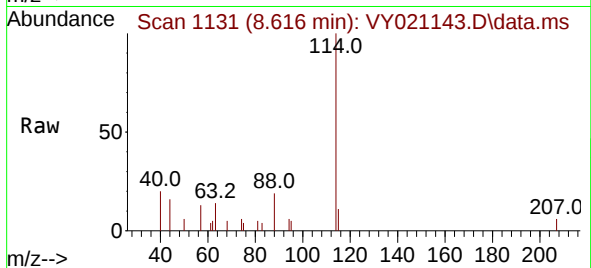
Instrument :

MSVOA_Y

ClientSampleId :

BAY-DRUMS-E

Tgt Ion:114	Resp:	3146
Ion	Ratio	Lower Upper
114	100	
63	14.2	0.0 37.4
88	18.8	0.0 29.0



#35

Dibromofluoromethane

Concen: 63.685 ug/l

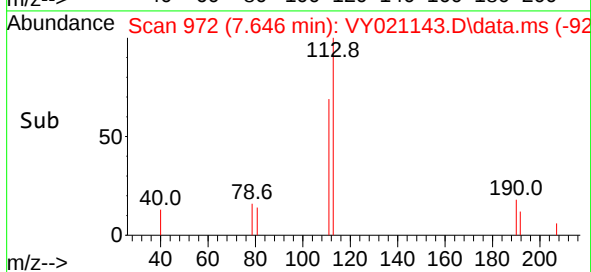
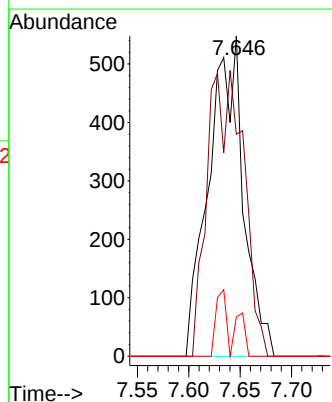
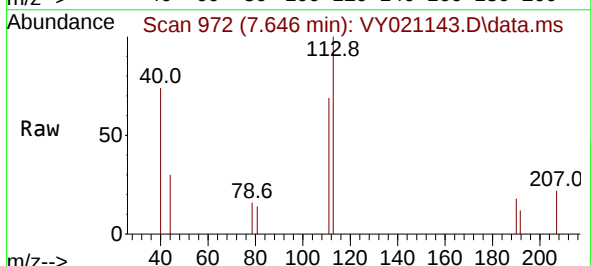
RT: 7.646 min Scan# 972

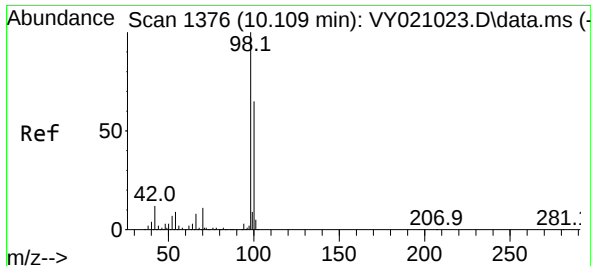
Delta R.T. 0.006 min

Lab File: VY021143.D

Acq: 07 Feb 2025 16:36

Tgt Ion:113	Resp:	1284
Ion	Ratio	Lower Upper
113	100	
111	47.2	83.8 125.6#
192	6.1	14.5 21.7#

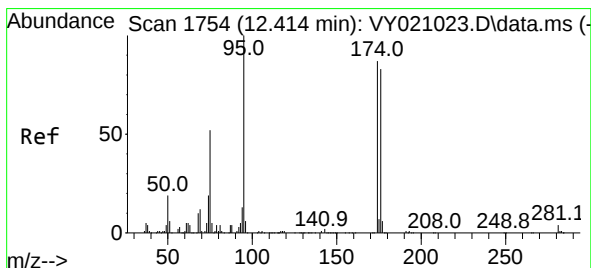
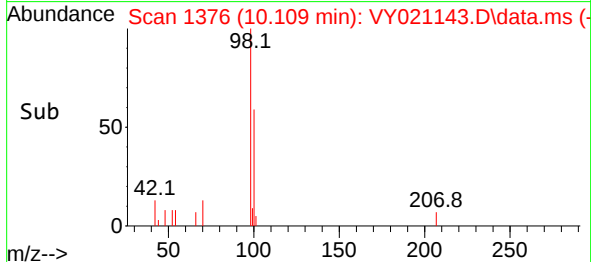
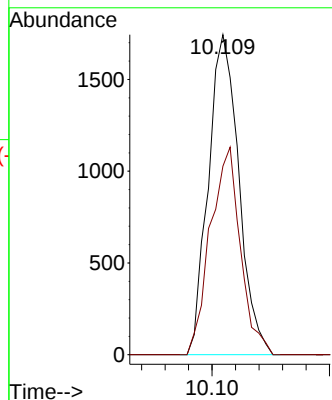
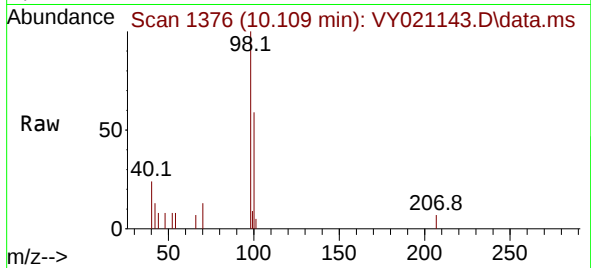




#50
Toluene-d8
Concen: 40.961 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

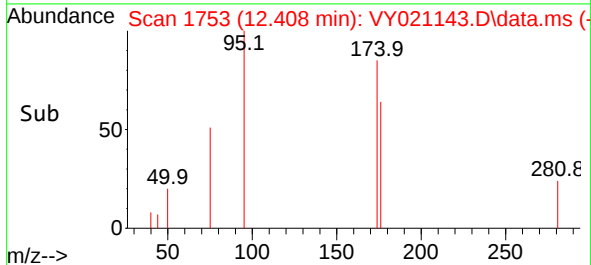
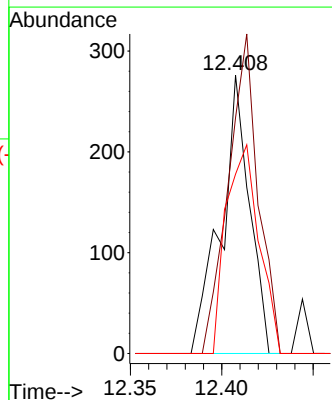
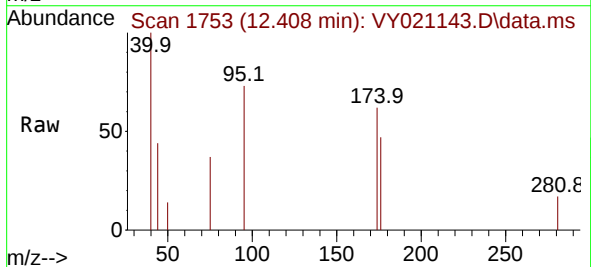
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-E

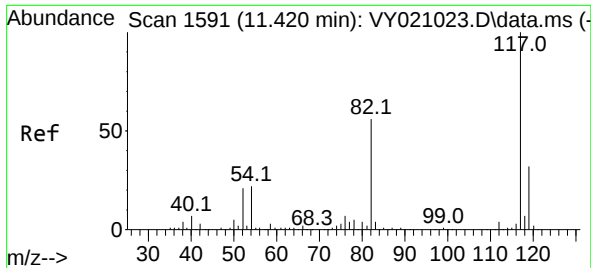
Tgt Ion: 98 Resp: 3144
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 11.924 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion: 95 Resp: 299
Ion Ratio Lower Upper
95 100
174 120.7 0.0 160.0
176 87.0 0.0 151.8

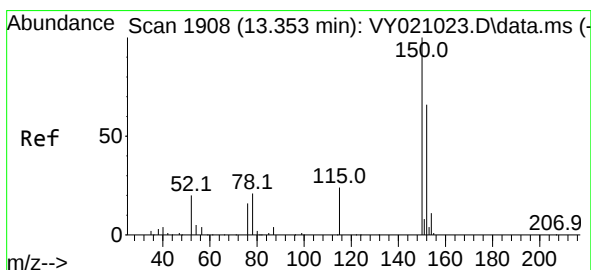
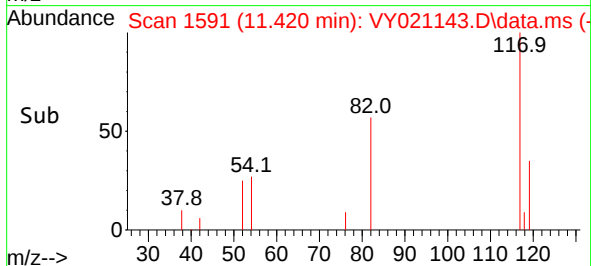
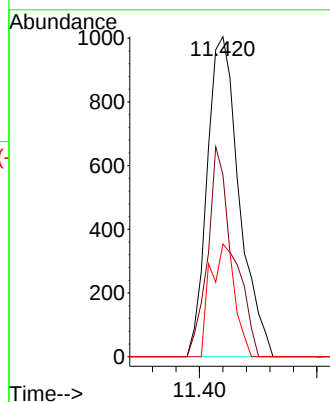
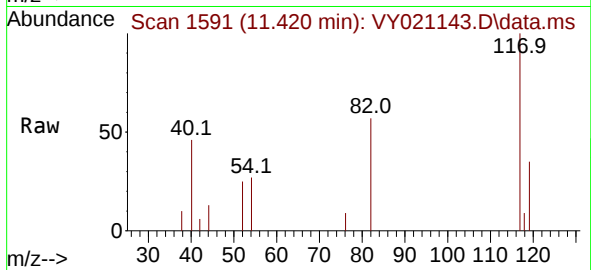




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-E

Tgt Ion:117	Resp:	1903
Ion	Ratio	Lower Upper
117	100	
82	56.9	43.8 65.8
119	35.2	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021143.D
Acq: 07 Feb 2025 16:36

Tgt Ion:152	Resp:	304
Ion	Ratio	Lower Upper
152	100	
115	81.6	30.0 90.0
150	190.8	0.0 344.6

