

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021146.D
 Acq On : 07 Feb 2025 17:46
 Operator : SY/MD
 Sample : Q1287-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-A

Quant Time: Feb 08 02:44:20 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)

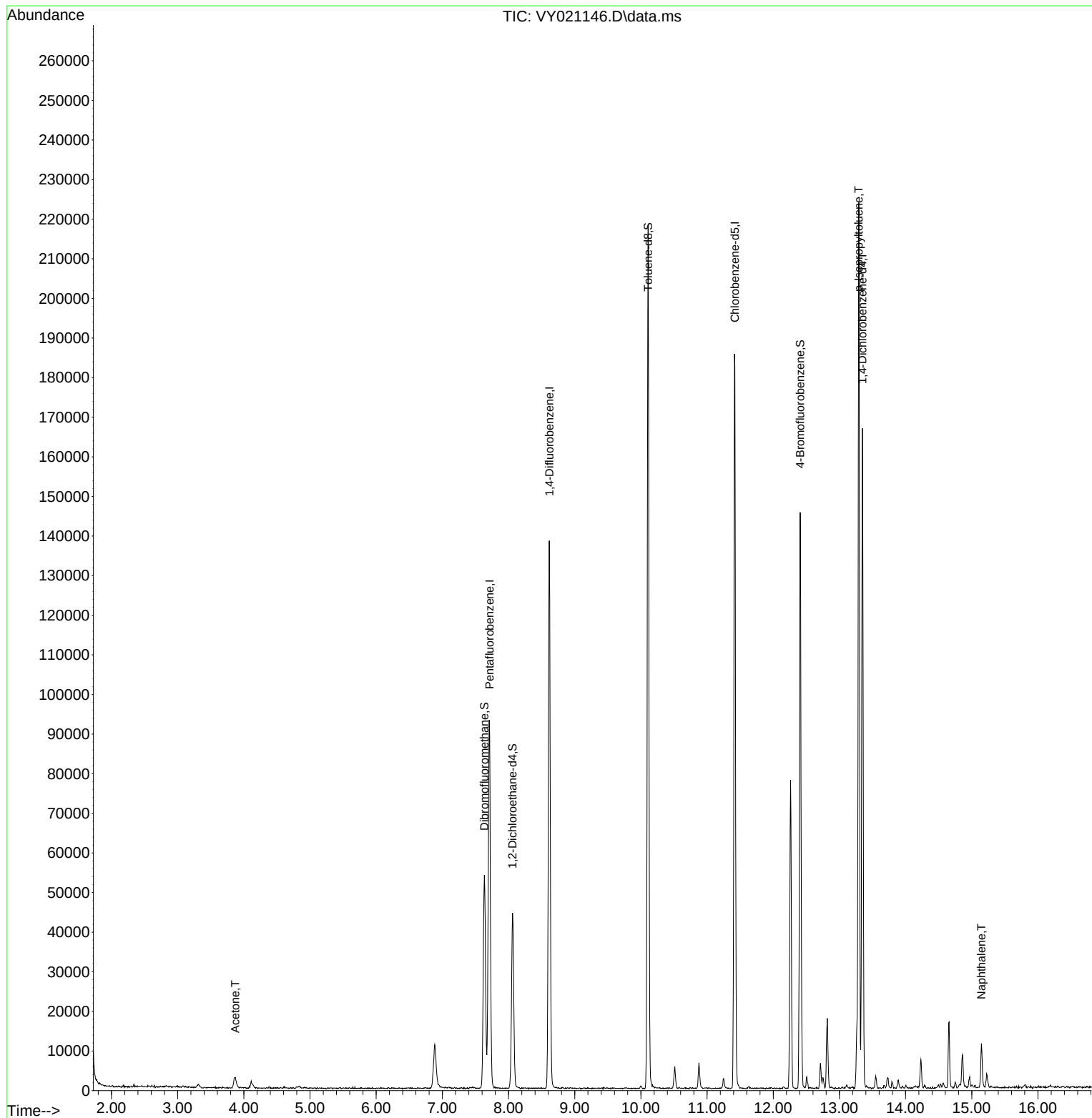
Internal Standards						
1) Pentafluorobenzene	7.713	168	70224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	115555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	97244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	36406	50.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.200%
35) Dibromofluoromethane	7.634	113	38253	51.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.109	98	137728	48.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.407	95	41445	44.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.000%
Target Compounds						
						Qvalue
16) Acetone	3.872	43	5034	44.864	ug/l	97
86) p-Isopropyltoluene	13.291	119	111656	40.182	ug/l	98
95) Naphthalene	15.145	128	8403	7.737	ug/l	97

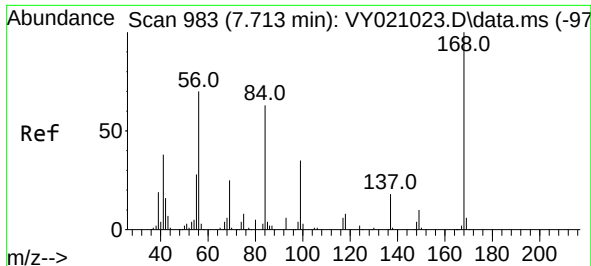
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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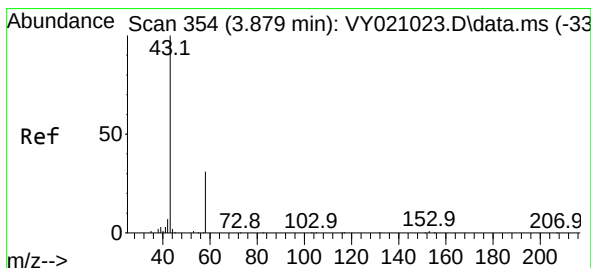
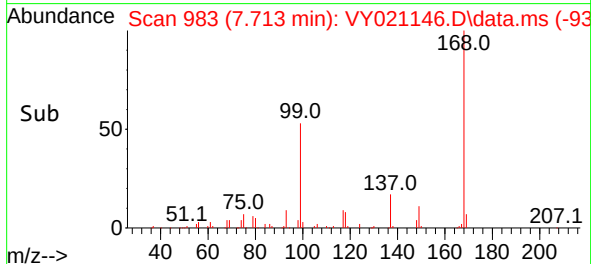
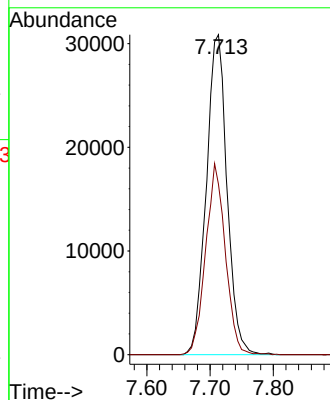
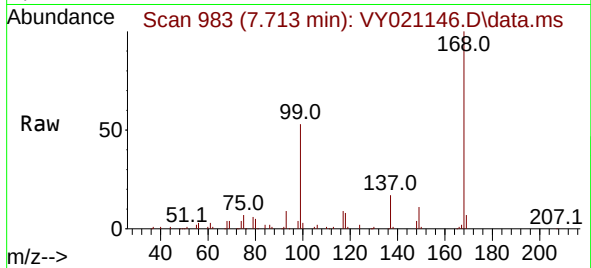




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

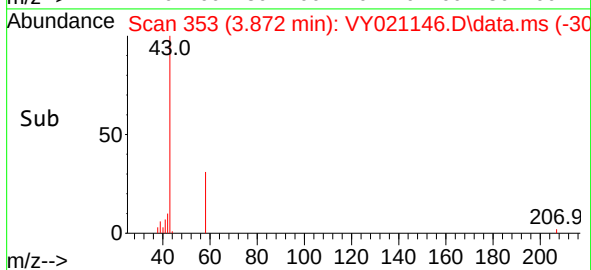
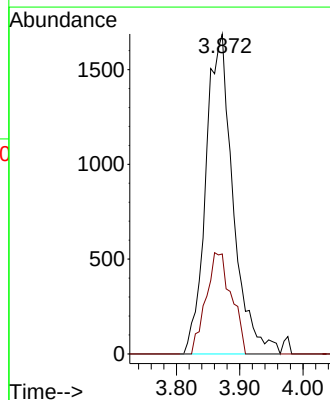
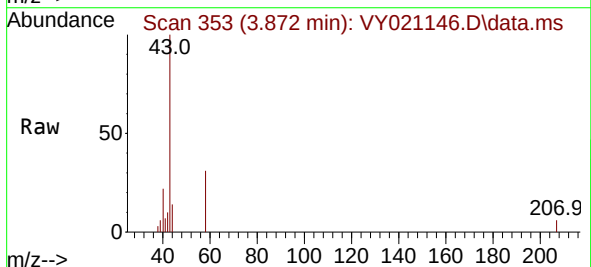
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

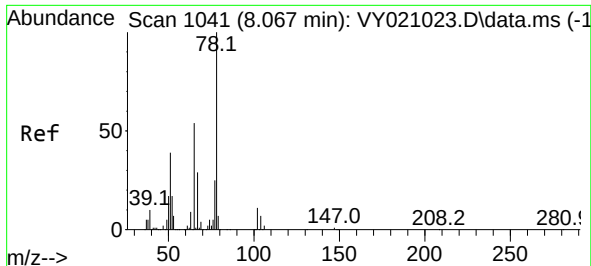
Tgt Ion:168 Resp: 70224
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#16
Acetone
Concen: 44.864 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 43 Resp: 5034
Ion Ratio Lower Upper
43 100
58 31.2 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 50.599 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021146.D

Acq: 07 Feb 2025 17:46

Instrument :

MSVOA_Y

ClientSampleId :

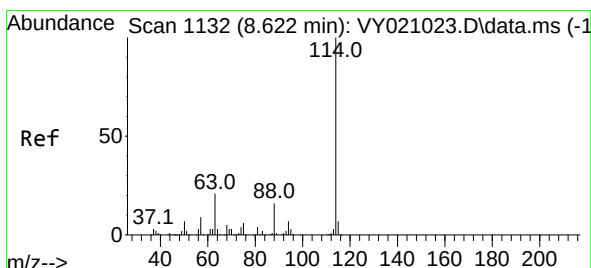
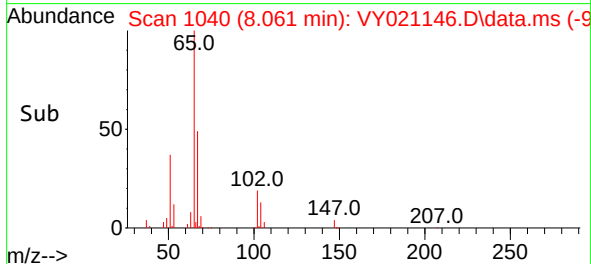
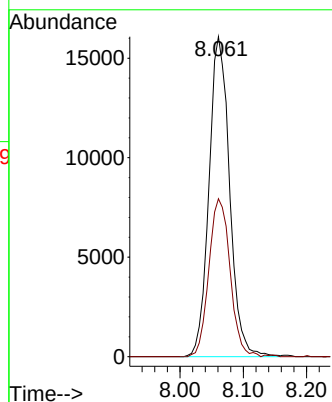
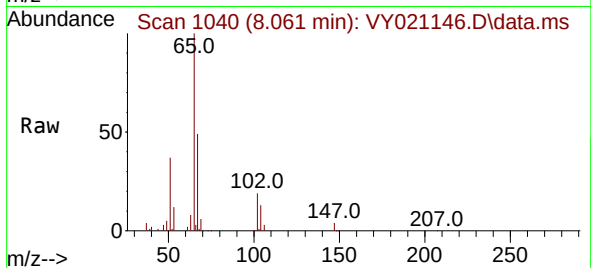
BAY-DRUMS-A

Tgt Ion: 65 Resp: 36406

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021146.D

Acq: 07 Feb 2025 17:46

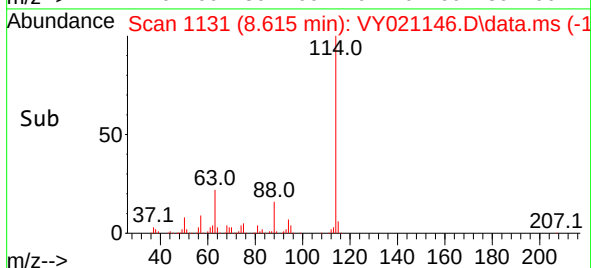
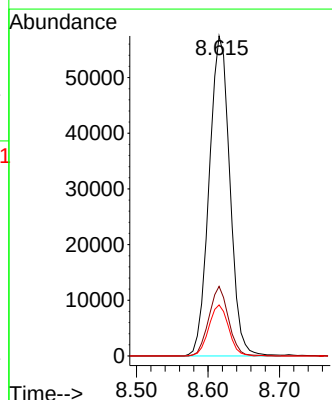
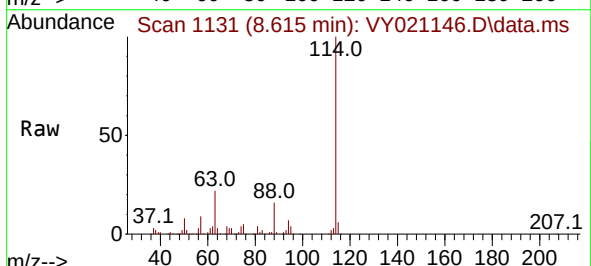
Tgt Ion: 114 Resp: 115555

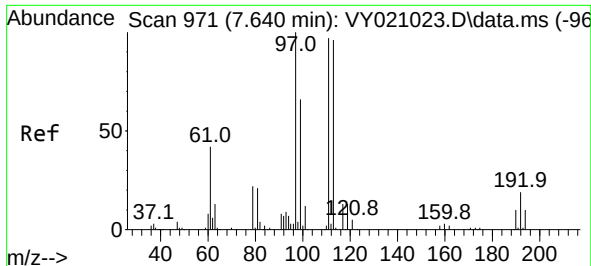
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

88 15.9 0.0 29.0

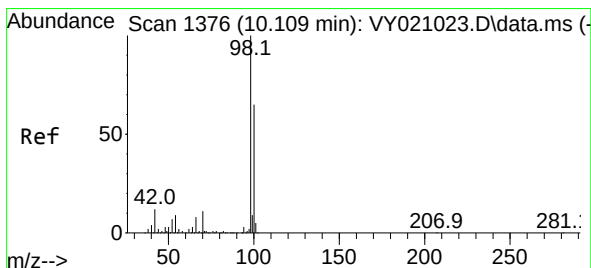
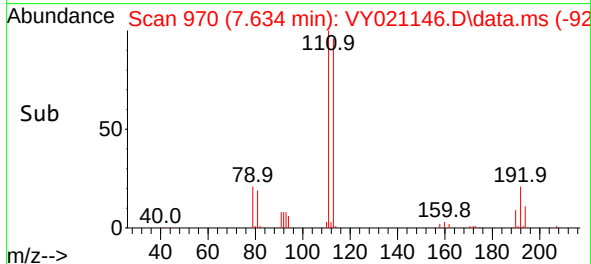
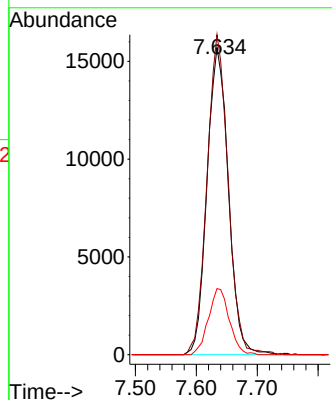
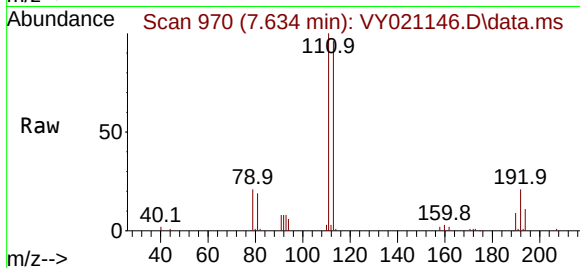




#35
Dibromofluoromethane
Concen: 51.655 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

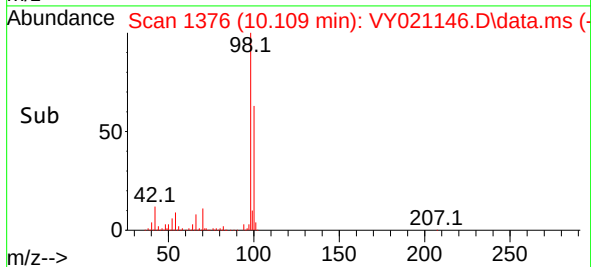
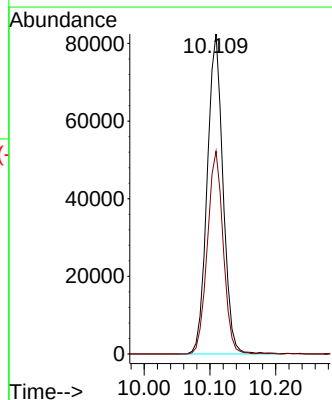
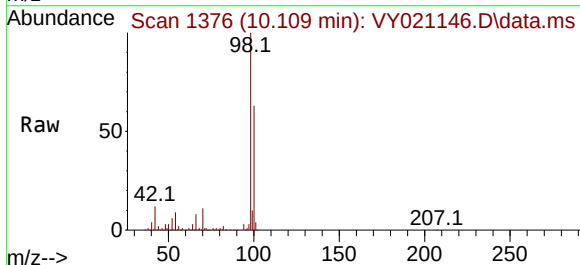
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

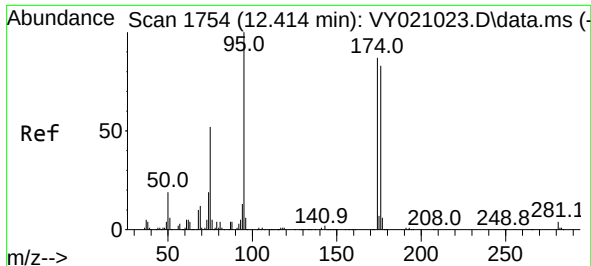
Tgt Ion:113 Resp: 38253
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 21.0 14.5 21.7



#50
Toluene-d8
Concen: 48.851 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 98 Resp: 137728
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5

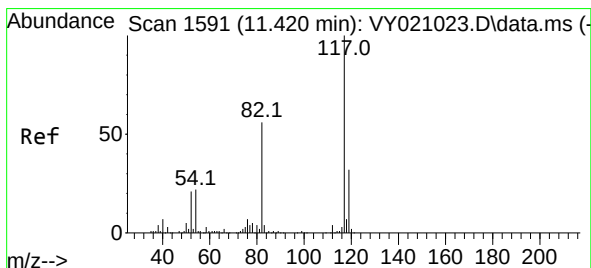
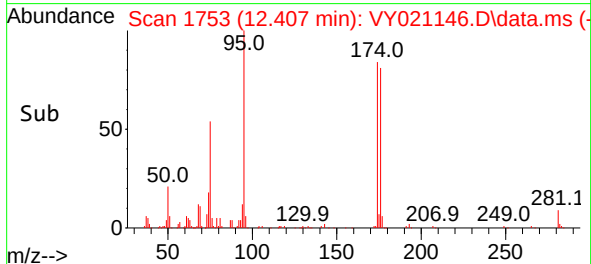
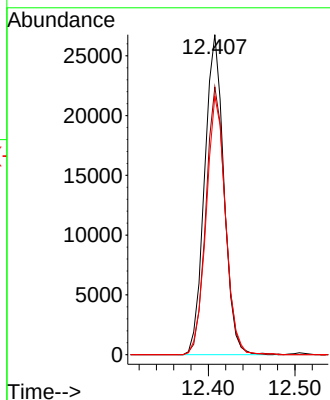
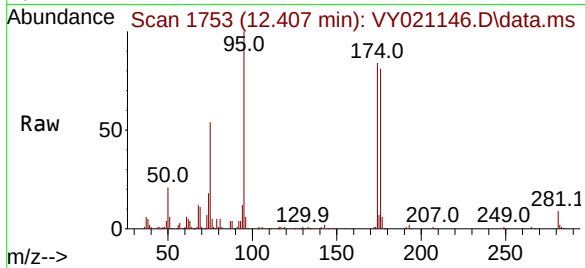




#62
4-Bromofluorobenzene
Concen: 44.997 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

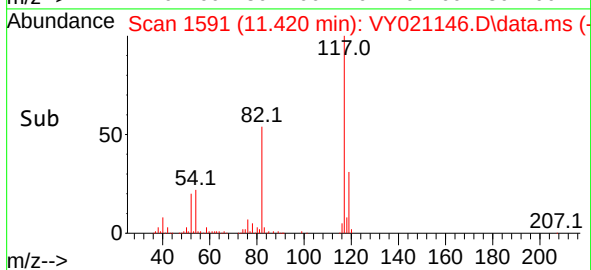
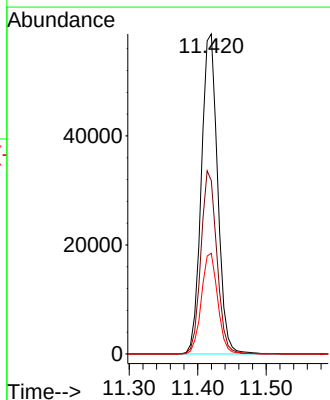
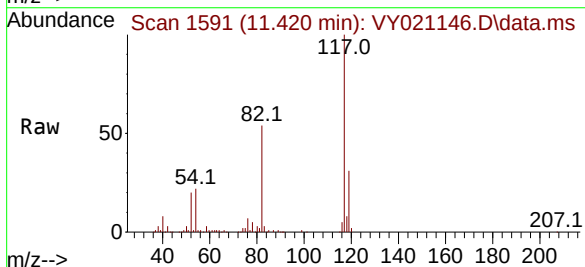
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

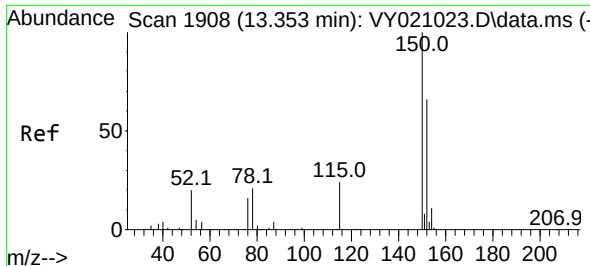
Tgt Ion: 95 Resp: 41445
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.0
176 81.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 117 Resp: 97244
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.5 26.5 39.7

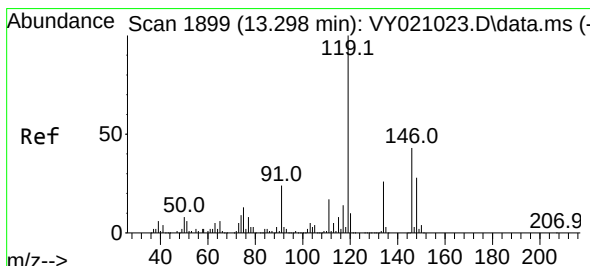
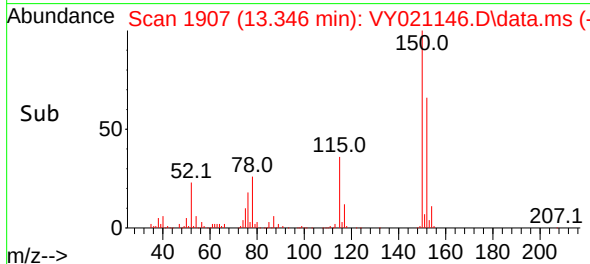
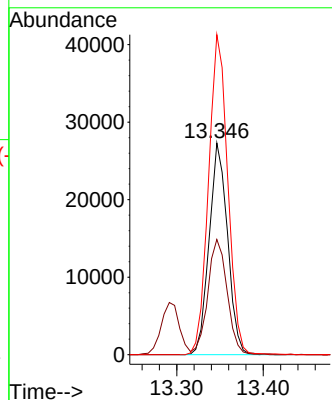
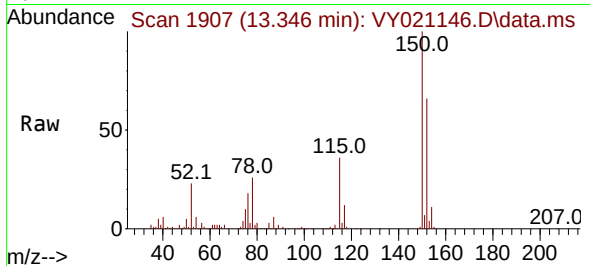




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021146.D
 Acq: 07 Feb 2025 17:46

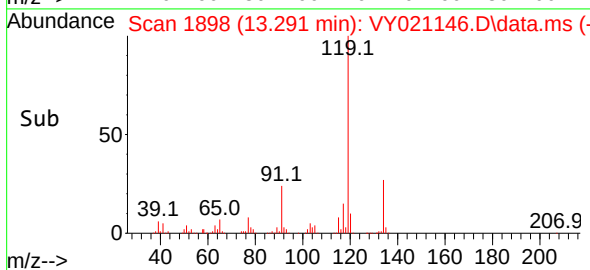
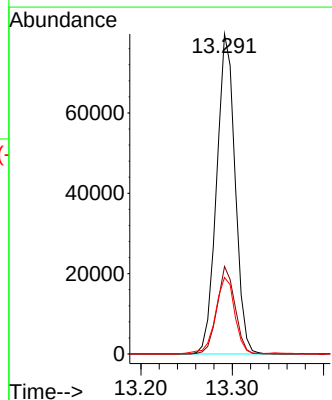
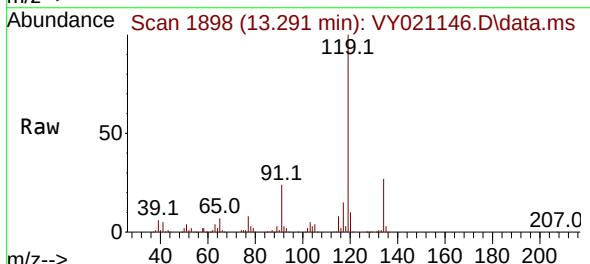
Instrument :
 MSVOA_Y
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 BAY-DRUMS-A

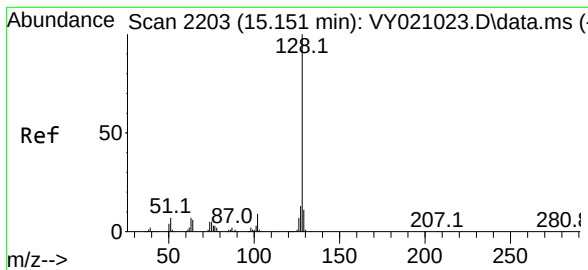
Tgt Ion:152 Resp: 40369
 Ion Ratio Lower Upper
 152 100
 115 57.1 30.0 90.0
 150 157.7 0.0 344.6



#86
 p-Isopropyltoluene
 Concen: 40.182 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021146.D
 Acq: 07 Feb 2025 17:46

Tgt Ion:119 Resp: 111656
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 25.1 11.7 35.0





#95
 Naphthalene
 Concen: 7.737 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021146.D
 Acq: 07 Feb 2025 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-A

Tgt Ion:	128	Resp:	8403
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	12.4	8.6	12.8

