

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013873.D
 Acq On : 25 May 2023 15:13
 Operator : KP/MD
 Sample : 02894-04
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50A

Quant Time: May 26 04:33:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

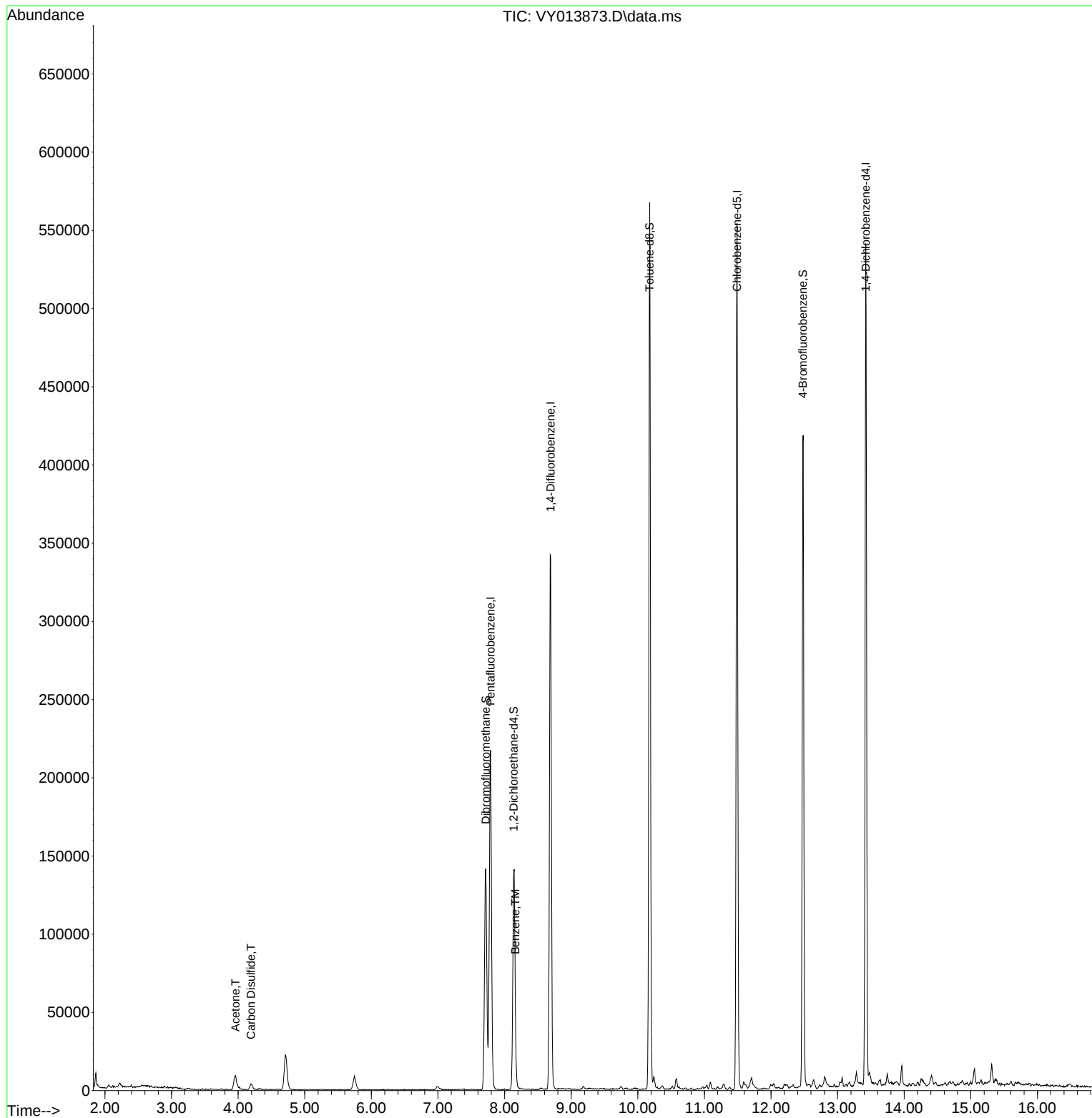
Internal Standards						
1) Pentafluorobenzene	7.789	168	168409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112546	57.765	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.540%	
35) Dibromofluoromethane	7.716	113	97208	52.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.179	98	356671	51.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.477	95	117841	50.745	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	19084	33.002	ug/l	94
17) Carbon Disulfide	4.192	76	7249	1.474	ug/l	98
40) Benzene	8.161	78	11514	1.432	ug/l	92

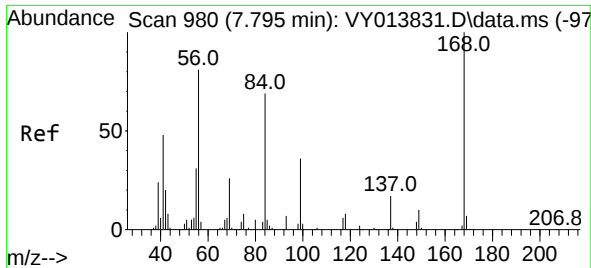
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
Data File : VY013873.D
Acq On : 25 May 2023 15:13
Operator : KP/MD
Sample : 02894-04
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

Quant Time: May 26 04:33:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

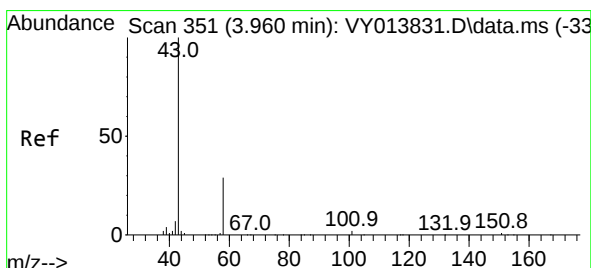
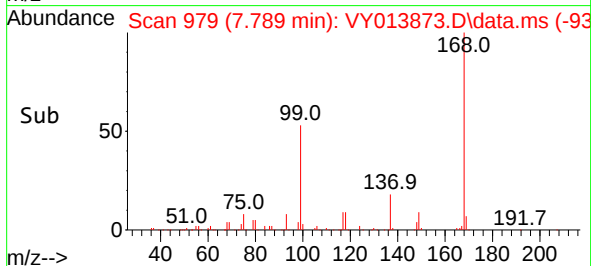
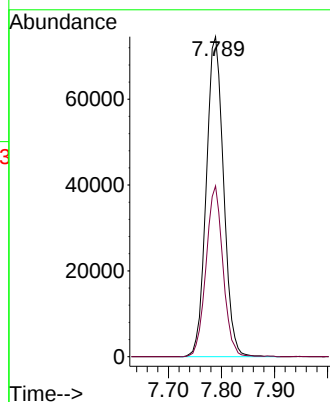
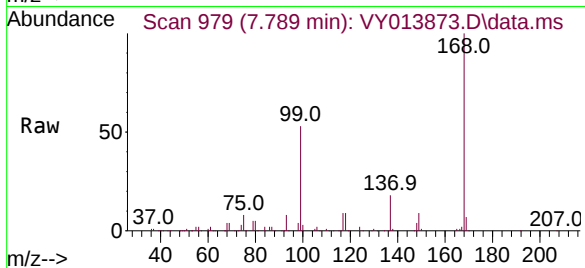




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

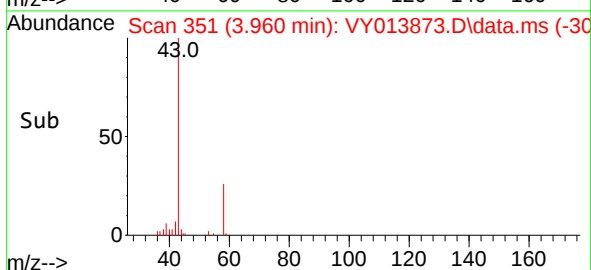
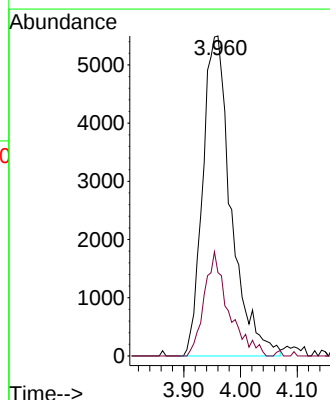
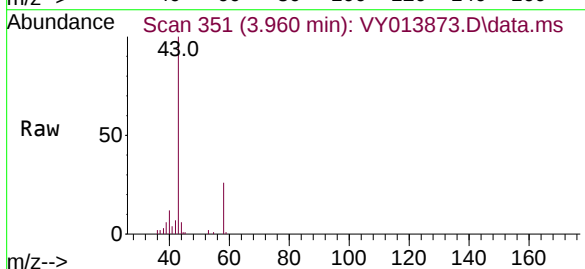
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

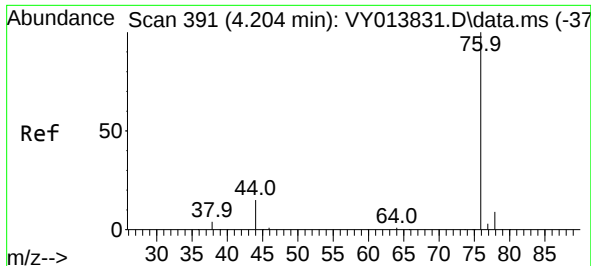
Tgt Ion:168 Resp: 168409
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.2



#16
Acetone
Concen: 33.002 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 43 Resp: 19084
Ion Ratio Lower Upper
43 100
58 26.0 23.3 34.9

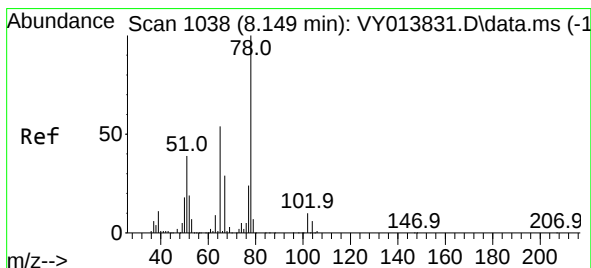
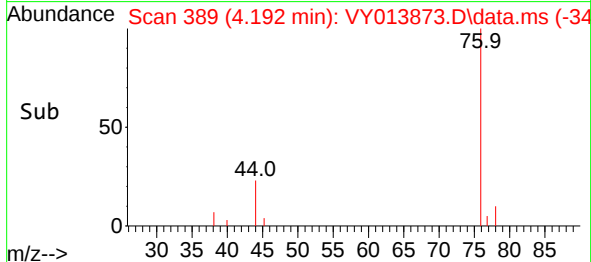
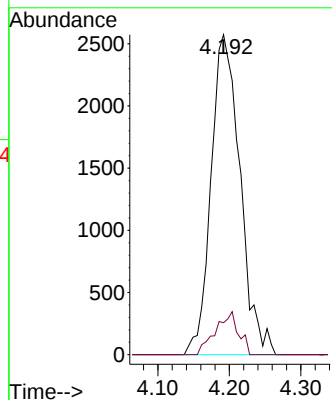
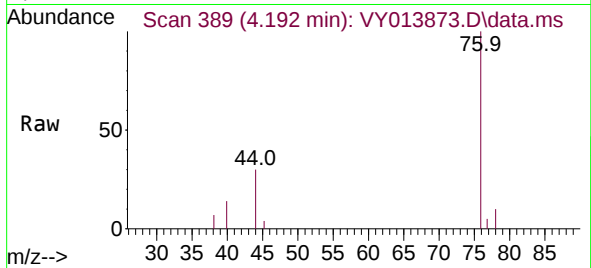




#17
Carbon Disulfide
Concen: 1.474 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

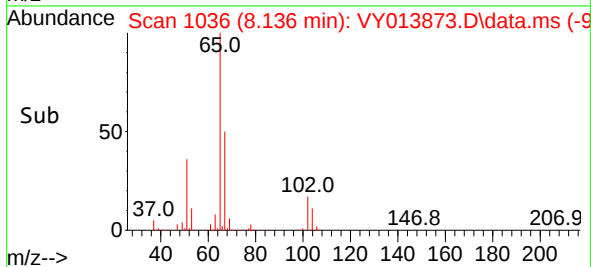
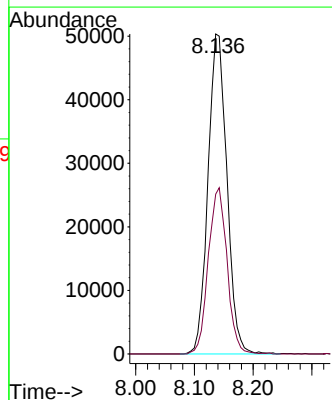
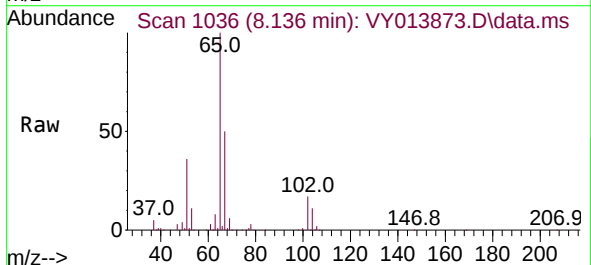
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

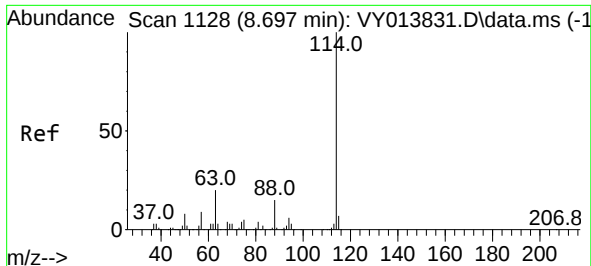
Tgt Ion: 76 Resp: 7249
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 57.765 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 65 Resp: 112546
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013873.D

Acq: 25 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-50A

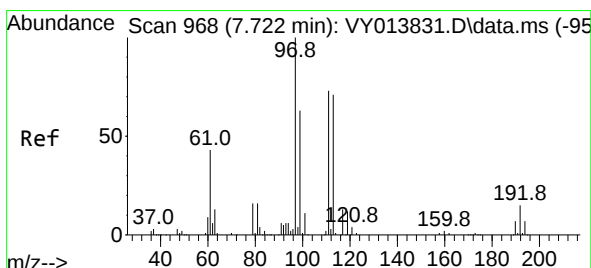
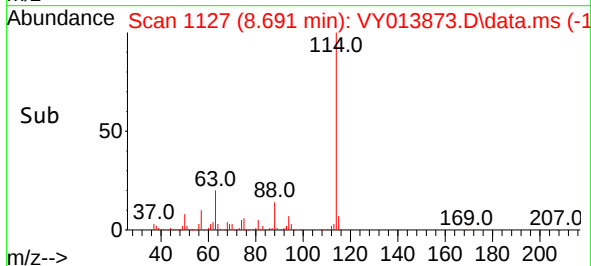
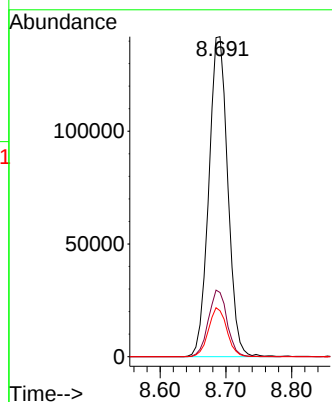
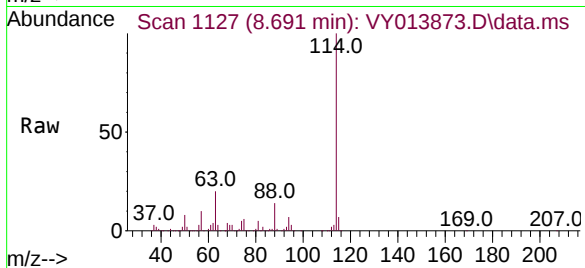
Tgt Ion:114 Resp: 284629

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.884 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013873.D

Acq: 25 May 2023 15:13

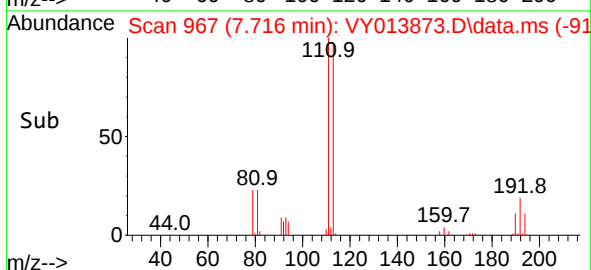
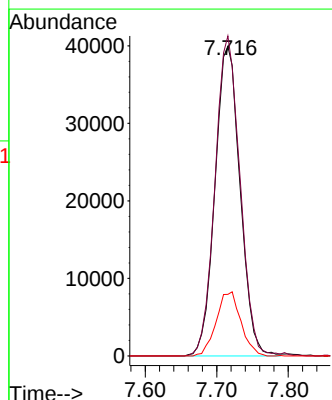
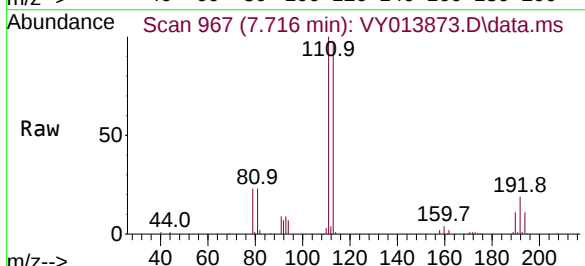
Tgt Ion:113 Resp: 97208

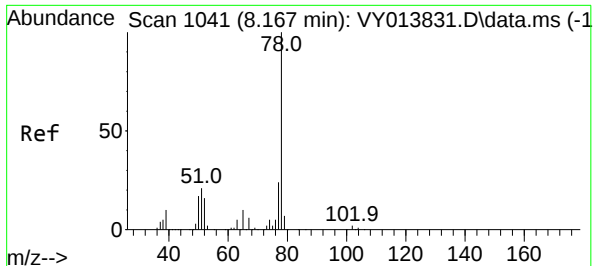
Ion Ratio Lower Upper

113 100

111 103.1 80.4 120.6

192 20.3 16.6 25.0

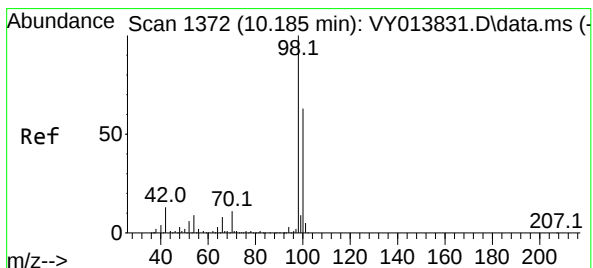
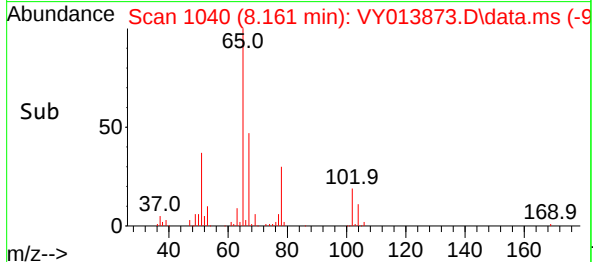
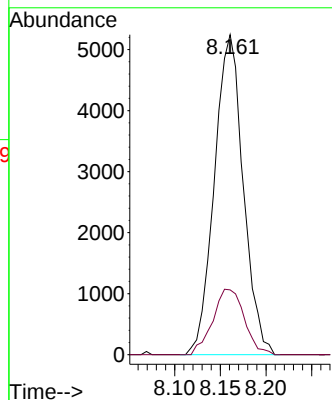
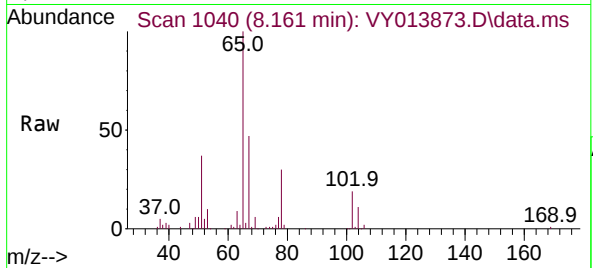




#40
Benzene
Concen: 1.432 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

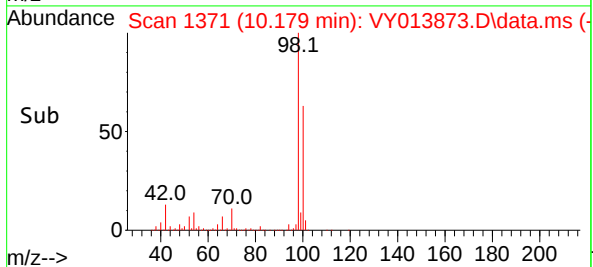
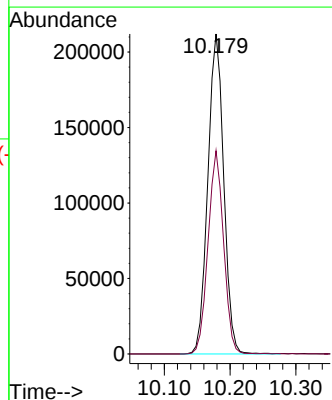
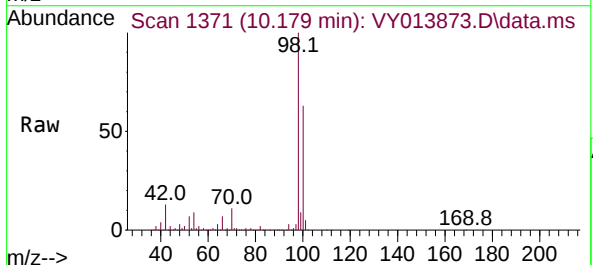
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

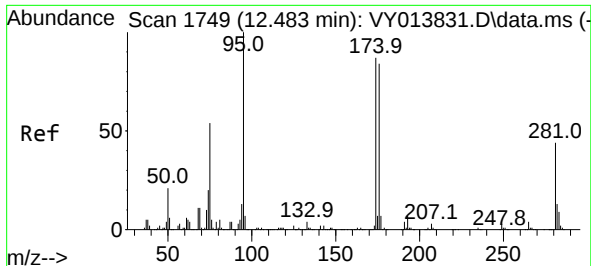
Tgt Ion: 78 Resp: 11514
Ion Ratio Lower Upper
78 100
77 20.2 19.5 29.3



#50
Toluene-d8
Concen: 51.054 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

Tgt Ion: 98 Resp: 356671
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2

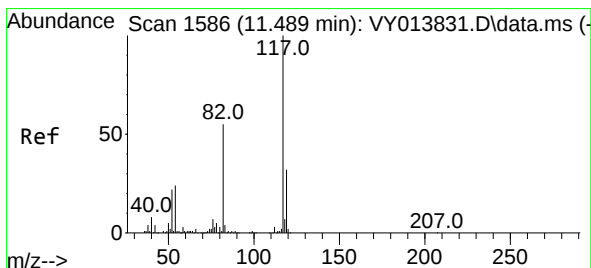
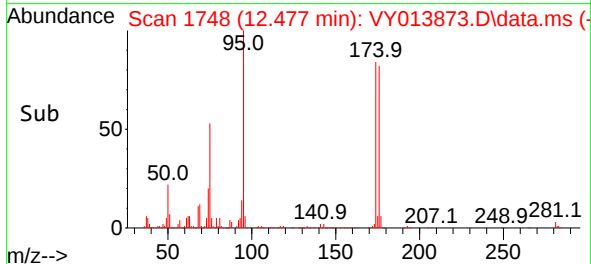
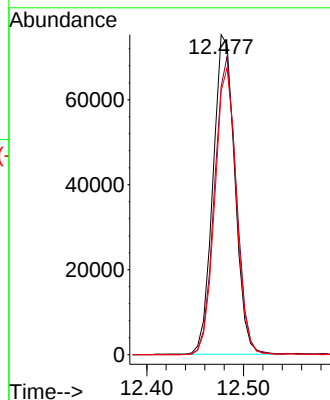
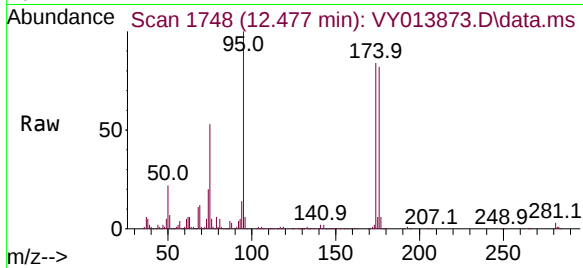




#62
4-Bromofluorobenzene
Concen: 50.745 ug/l
RT: 12.477 min Scan# 117841
Delta R.T. -0.006 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

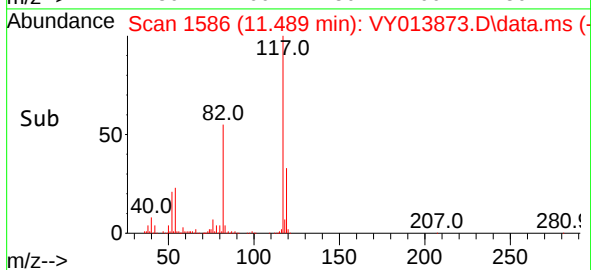
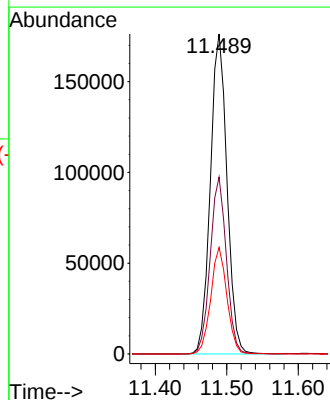
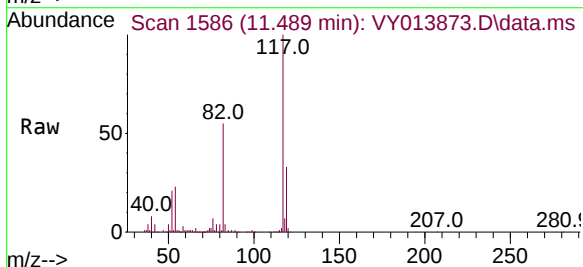
Instrument :
MSVOA_Y
ClientSampleId :
TP-50A

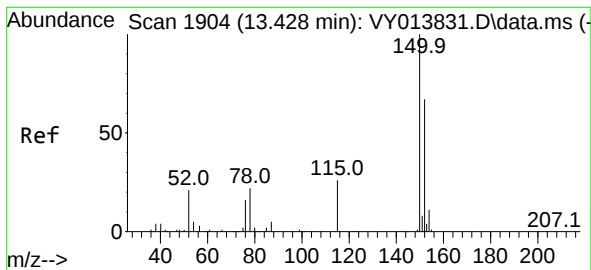
Tgt Ion: 95 Resp: 117841
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.0
176 88.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013873.D
Acq: 25 May 2023 15:13

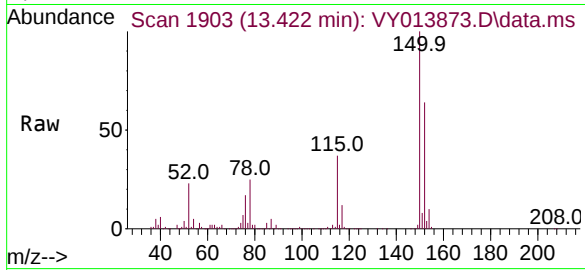
Tgt Ion: 117 Resp: 284253
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 33.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013873.D
 Acq: 25 May 2023 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50A



Tgt Ion:152 Resp: 136197
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.8 86.5
 150 155.7 0.0 353.4

