

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013453.D
 Acq On : 25 Apr 2023 17:50
 Operator : KP/MD
 Sample : 02427-03
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230306-28-4

Quant Time: Apr 26 02:52:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

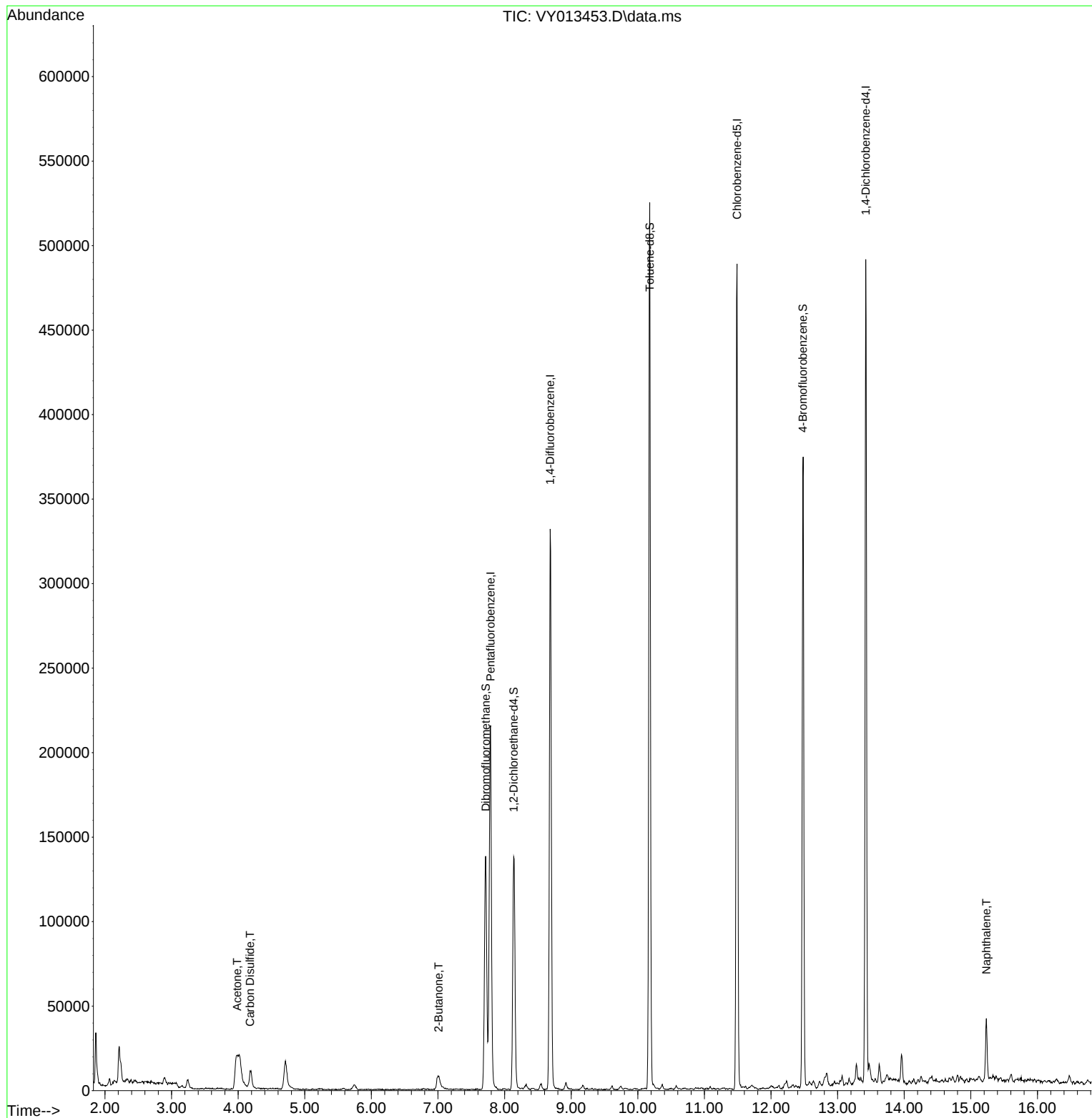
Internal Standards						
1) Pentafluorobenzene	7.789	168	165850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114750	63.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.240%	
35) Dibromofluoromethane	7.716	113	97282	55.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.940%	
50) Toluene-d8	10.179	98	339201	54.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.740%	
62) 4-Bromofluorobenzene	12.477	95	108185	51.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.880%	
Target Compounds						Qvalue
16) Acetone	3.985	43	65382	91.318	ug/l	89
17) Carbon Disulfide	4.180	76	20459	3.654	ug/l	98
25) 2-Butanone	7.009	43	15120	16.652	ug/l	99
95) Naphthalene	15.233	128	28476	5.534	ug/l	99

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

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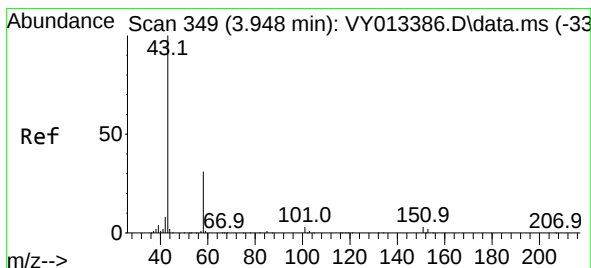
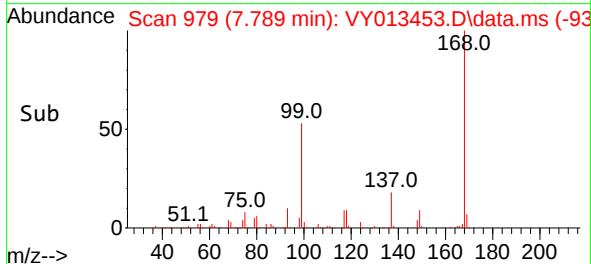
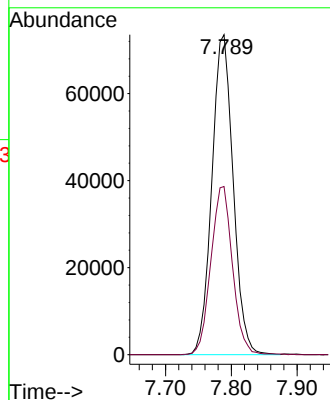
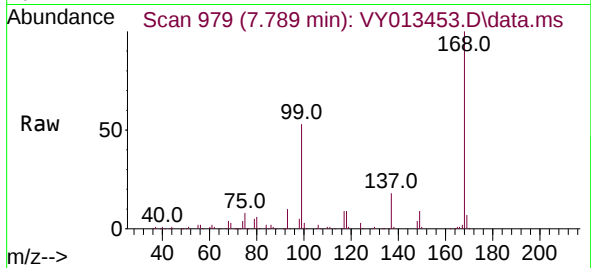




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

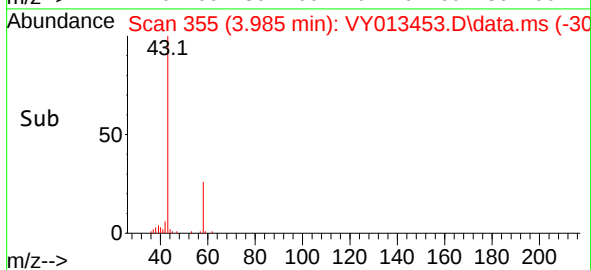
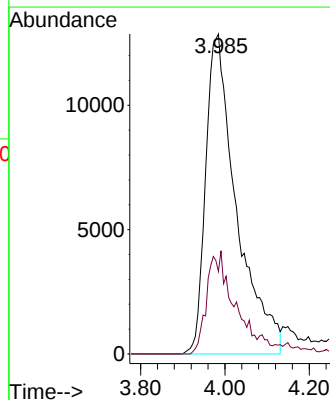
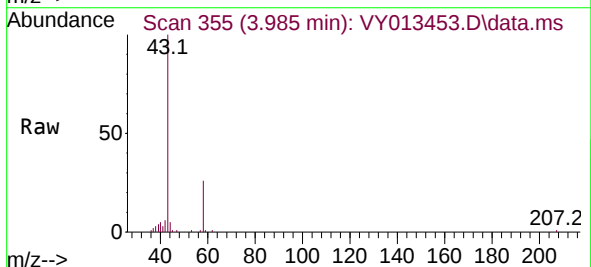
Instrument :
MSVOA_Y
ClientSampleId :
20230306-28-4

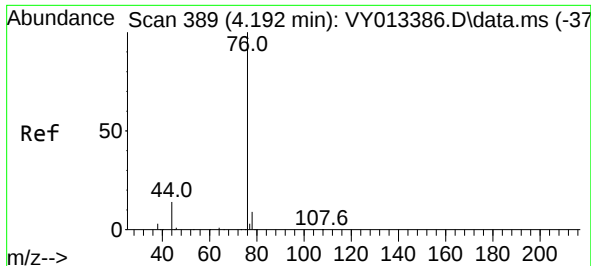
Tgt Ion:168 Resp: 165850
Ion Ratio Lower Upper
168 100
99 52.6 41.8 62.6



#16
Acetone
Concen: 91.318 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.037 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

Tgt Ion: 43 Resp: 65382
Ion Ratio Lower Upper
43 100
58 25.8 25.4 38.0





#17

Carbon Disulfide

Concen: 3.654 ug/l

RT: 4.180 min Scan# 3

Delta R.T. -0.012 min

Lab File: VY013453.D

Acq: 25 Apr 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

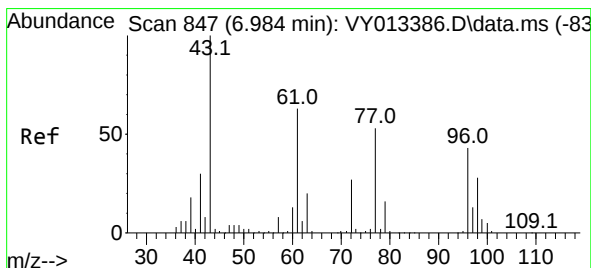
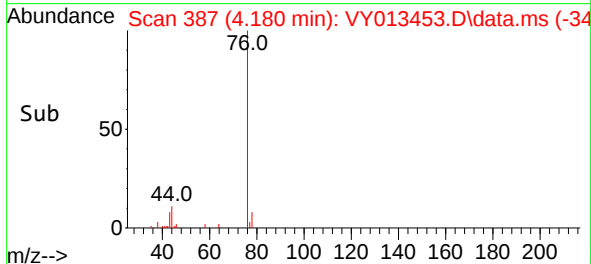
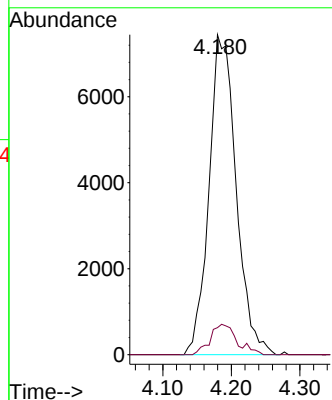
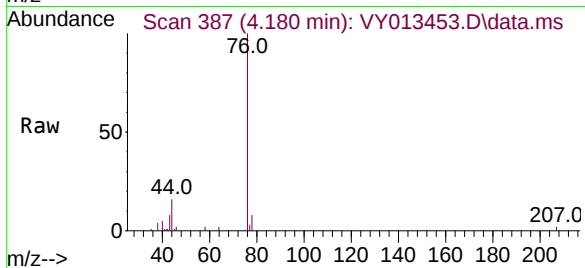
20230306-28-4

Tgt Ion: 76 Resp: 20459

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



#25

2-Butanone

Concen: 16.652 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.025 min

Lab File: VY013453.D

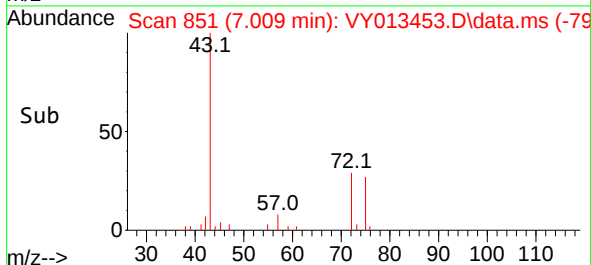
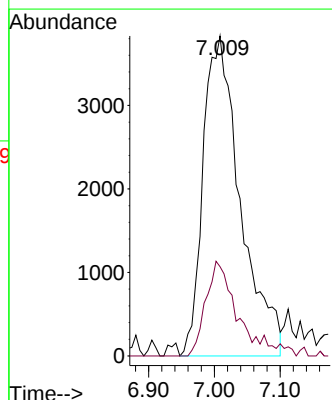
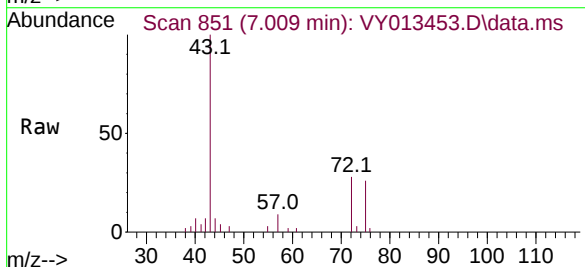
Acq: 25 Apr 2023 17:50

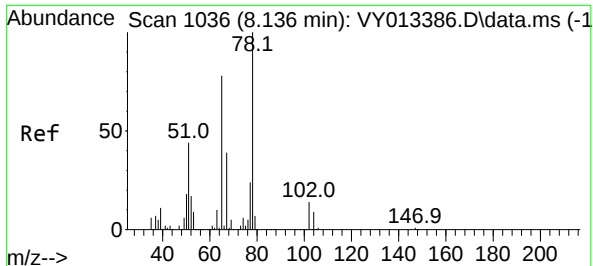
Tgt Ion: 43 Resp: 15120

Ion Ratio Lower Upper

43 100

72 27.9 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 63.116 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY013453.D

Acq: 25 Apr 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

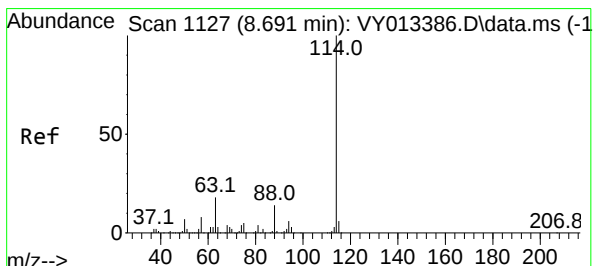
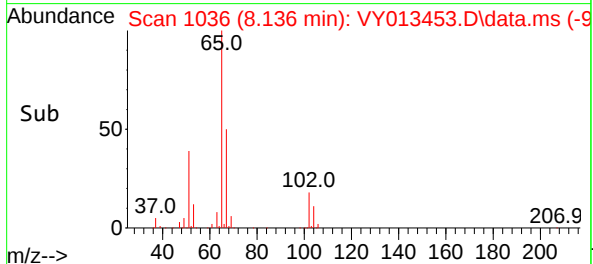
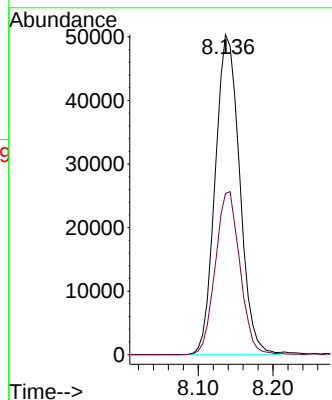
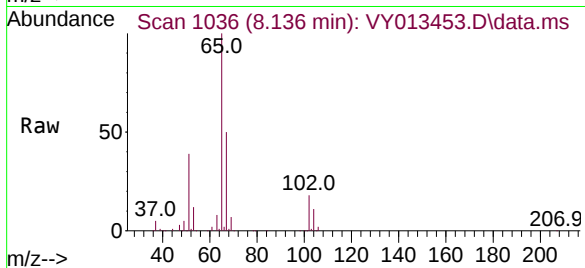
20230306-28-4

Tgt Ion: 65 Resp: 114750

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013453.D

Acq: 25 Apr 2023 17:50

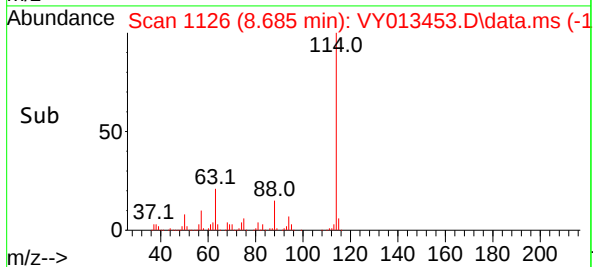
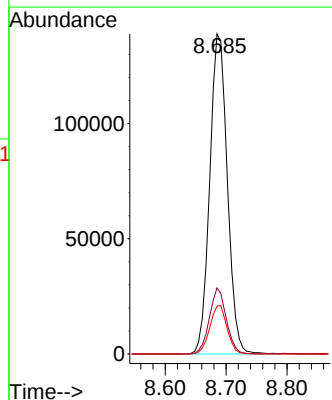
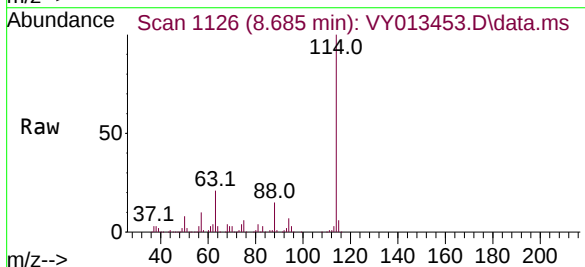
Tgt Ion: 114 Resp: 278838

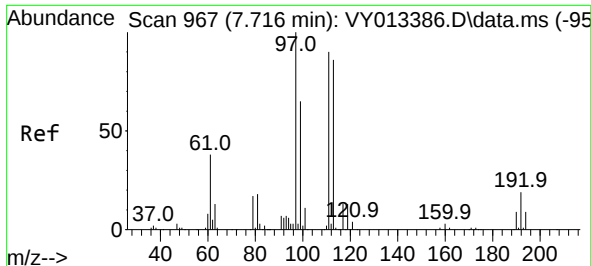
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.6

88 15.0 0.0 28.8

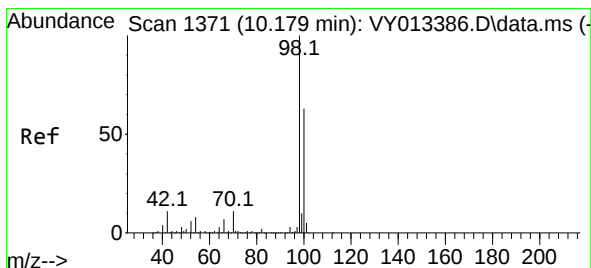
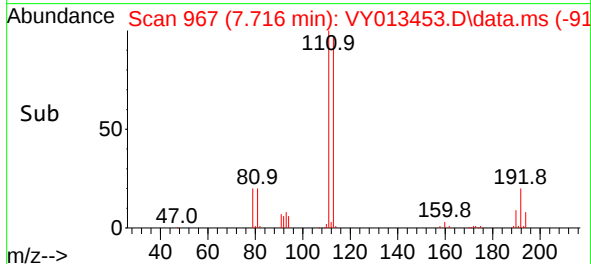
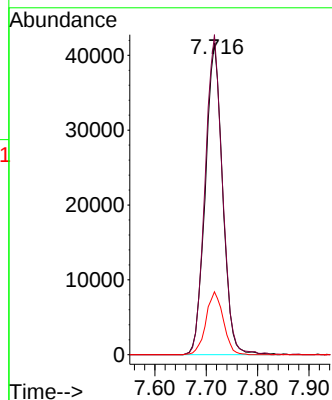
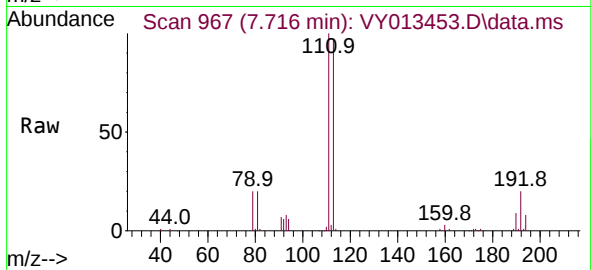




#35
Dibromofluoromethane
Concen: 55.470 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

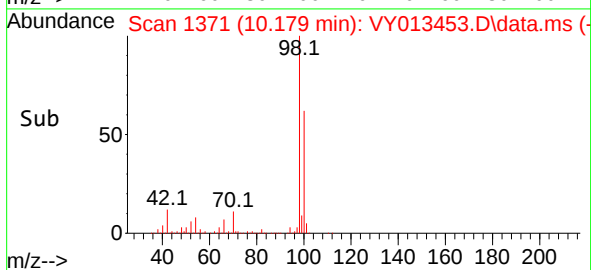
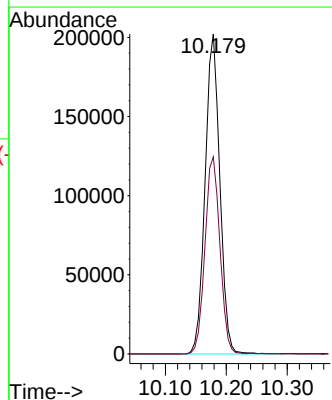
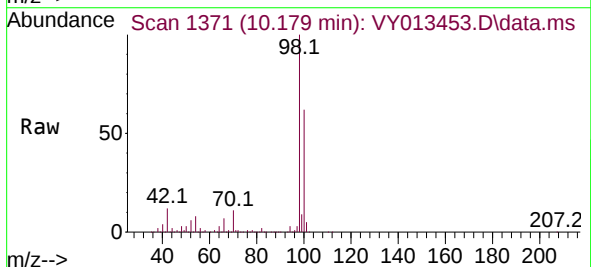
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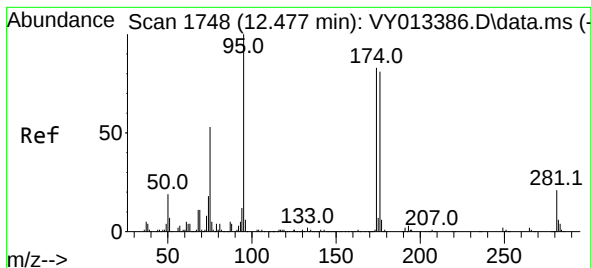
Tgt Ion:113 Resp: 97282
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.3 16.7 25.1



#50
Toluene-d8
Concen: 54.369 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

Tgt Ion: 98 Resp: 339201
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

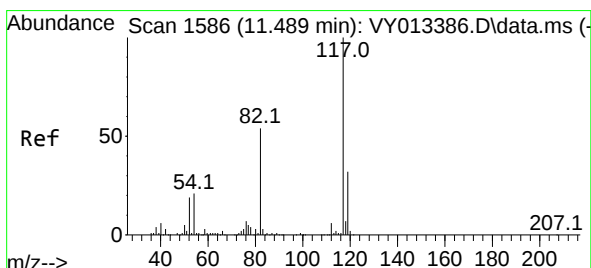
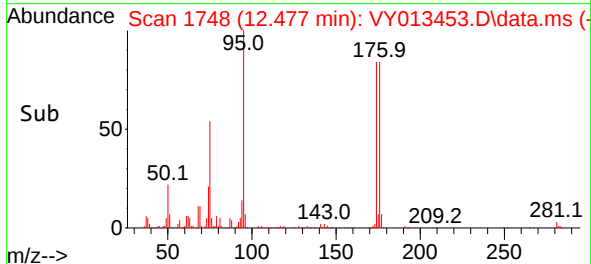
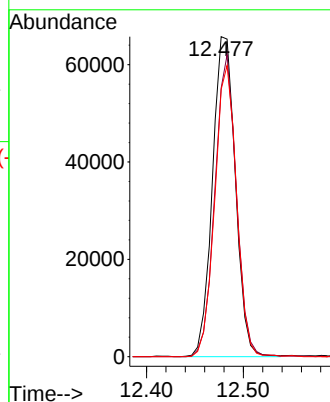
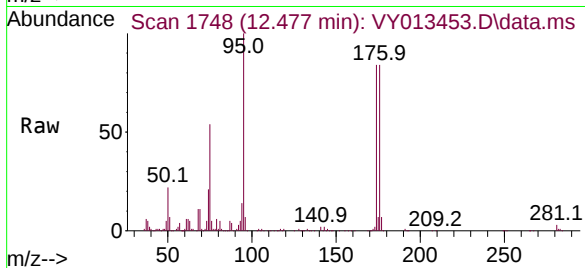




#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

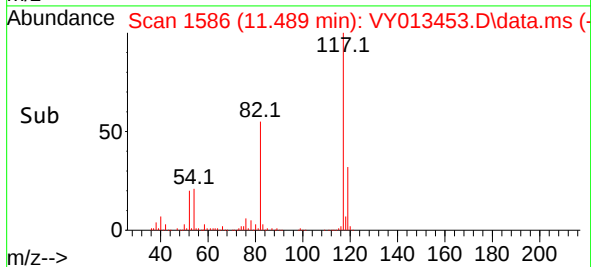
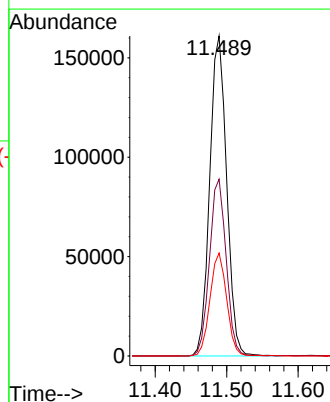
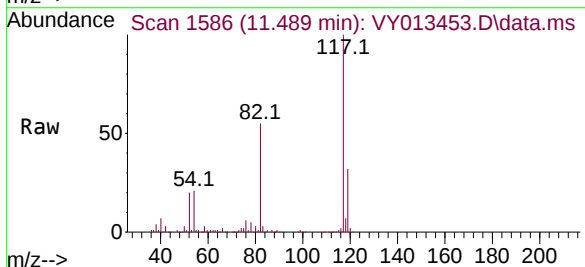
Instrument :
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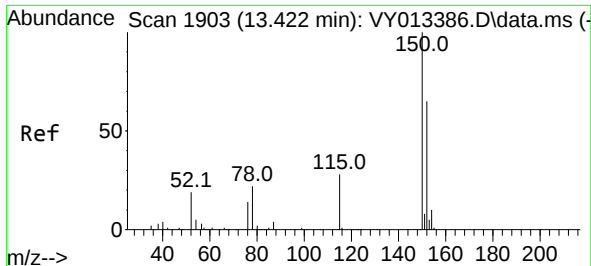
Tgt Ion: 95 Resp: 108185
Ion Ratio Lower Upper
95 100
174 88.1 0.0 182.0
176 86.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

Tgt Ion: 117 Resp: 264530
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 32.2 25.5 38.3

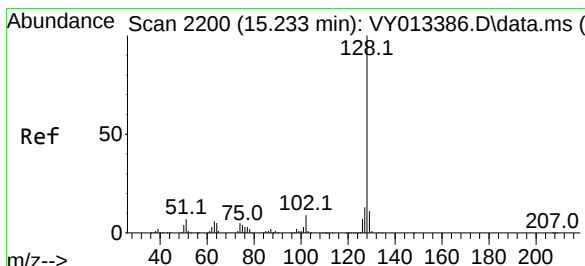
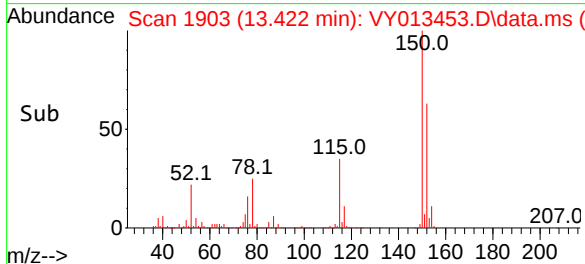
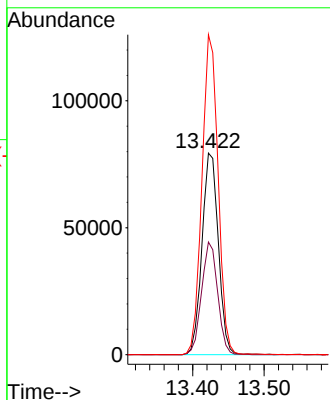
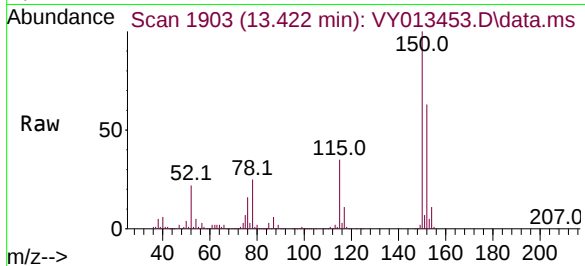




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:152 Resp: 126149
Ion Ratio Lower Upper
152 100
115 55.0 28.1 84.2
150 156.6 0.0 352.0



#95
Naphthalene
Concen: 5.534 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013453.D
Acq: 25 Apr 2023 17:50

Tgt Ion:128 Resp: 28476
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.8 8.8 13.2

