

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010791.D
 Acq On : 04 Oct 2022 13:39
 Operator : KP/MD
 Sample : N4943-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-003-0930

Quant Time: Oct 05 07:27:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

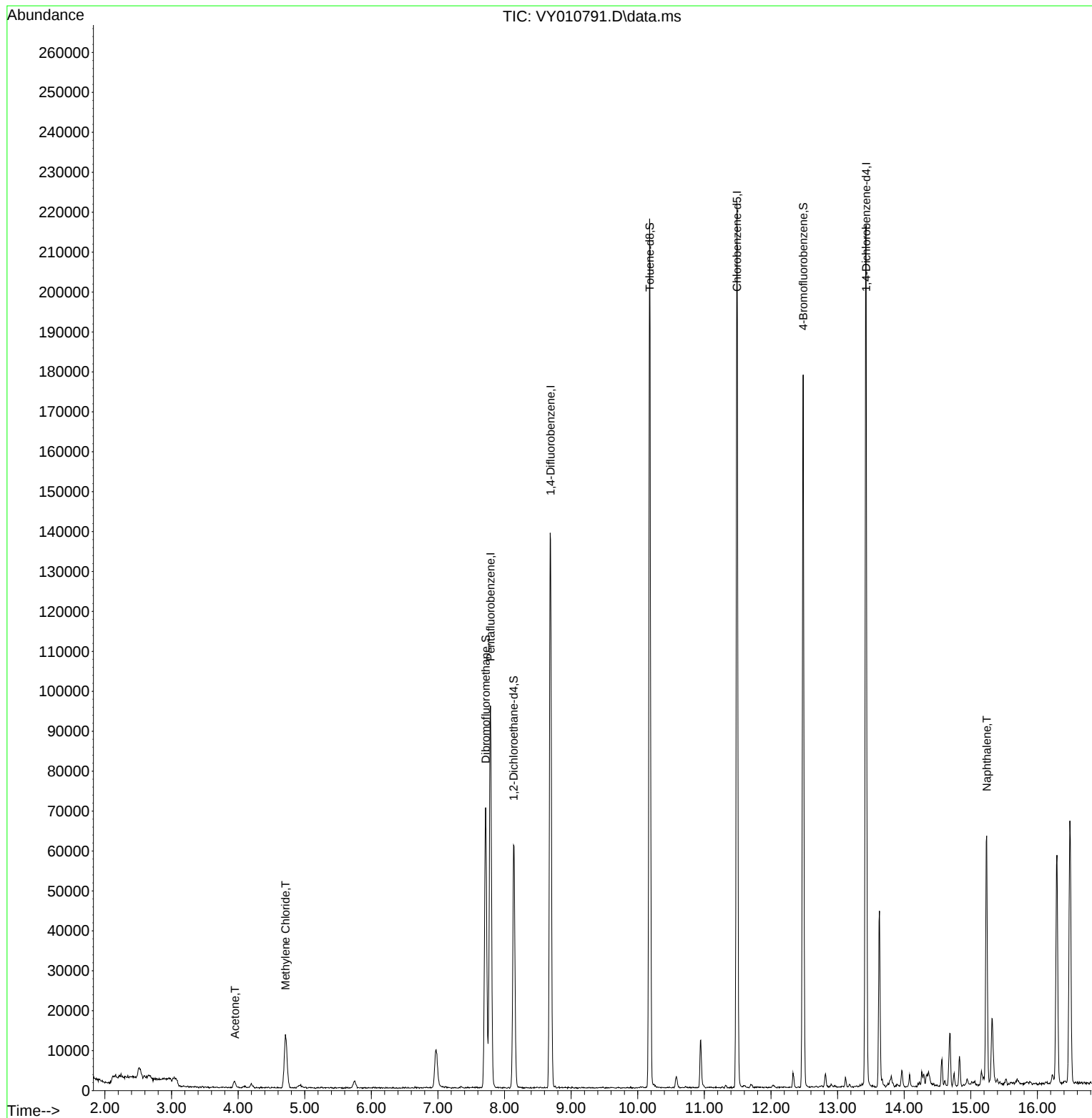
Internal Standards						
1) Pentafluorobenzene	7.789	168	75906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	124244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48944	63.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.220%	
35) Dibromofluoromethane	7.716	113	48938	59.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.680%	
50) Toluene-d8	10.179	98	142779	50.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.483	95	51690	46.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2987	15.286	ug/l #	85
20) Methylene Chloride	4.710	84	10198	7.469	ug/l #	76
95) Naphthalene	15.239	128	54208	27.883	ug/l	98

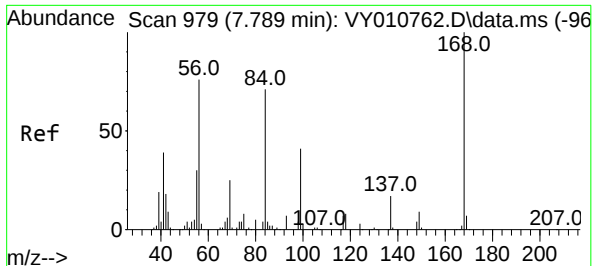
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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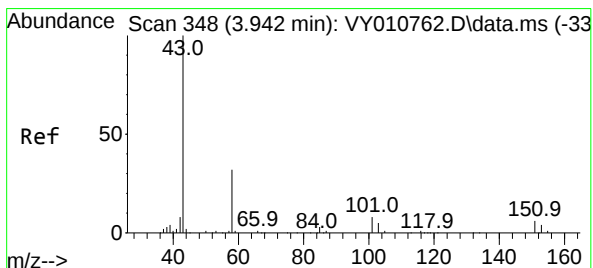
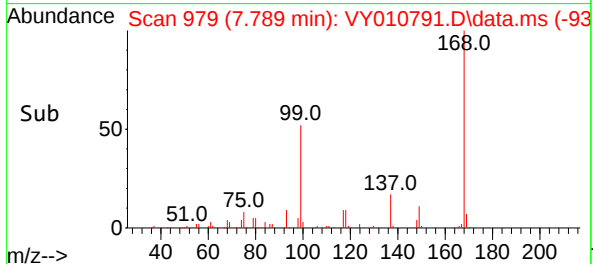
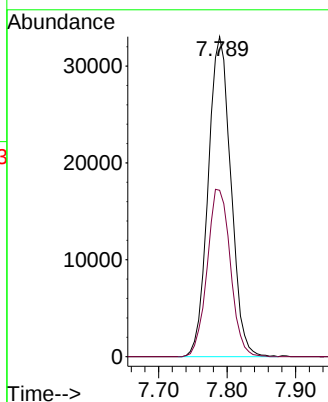
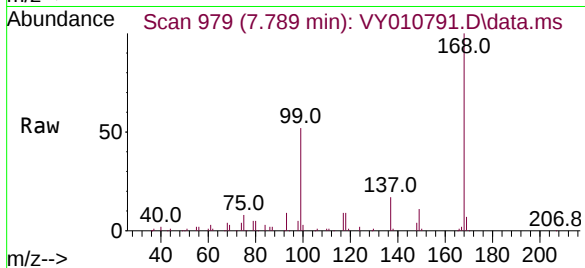




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

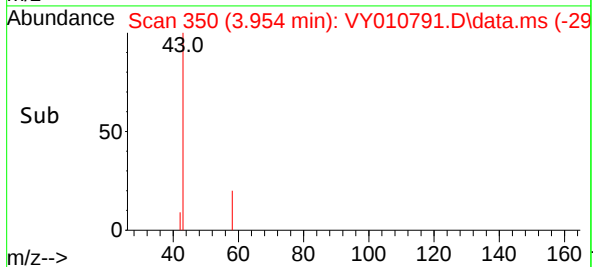
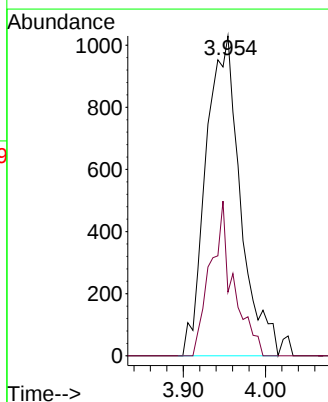
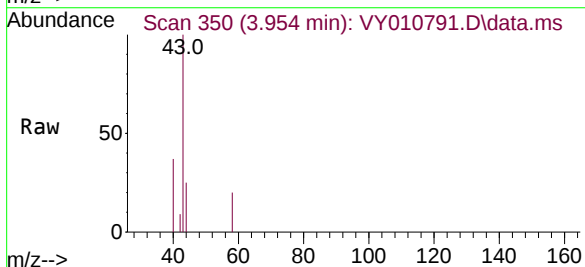
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-003-0930

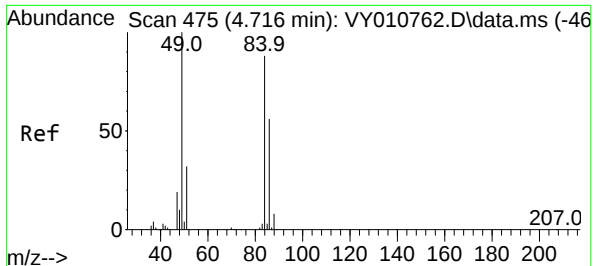
Tgt Ion:168 Resp: 75906
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#16
Acetone
Concen: 15.286 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

Tgt Ion: 43 Resp: 2987
Ion Ratio Lower Upper
43 100
58 19.9 22.0 33.0#

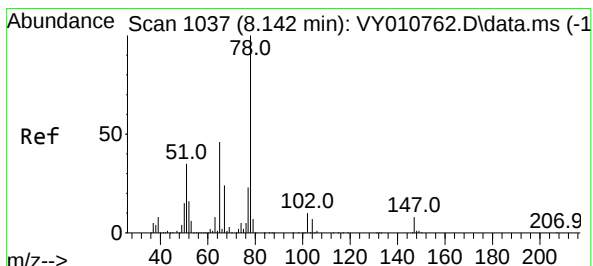
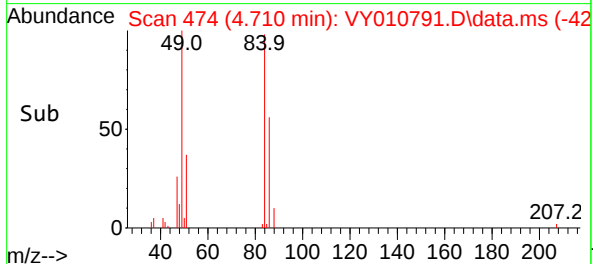
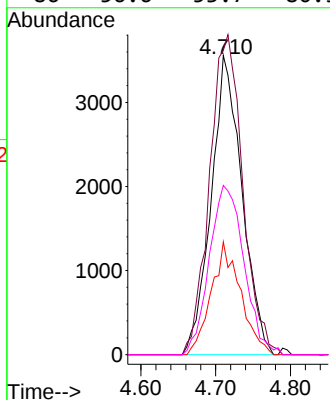
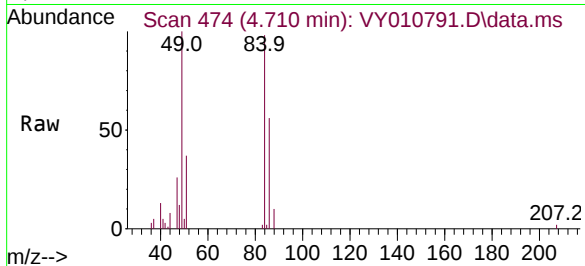




#20
Methylene Chloride
Concen: 7.469 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

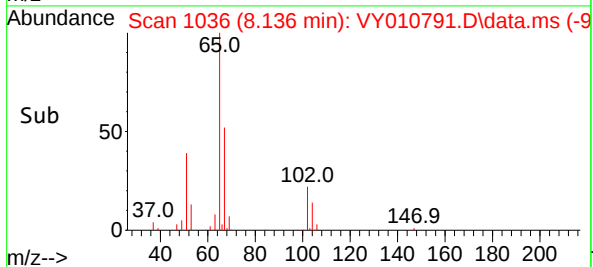
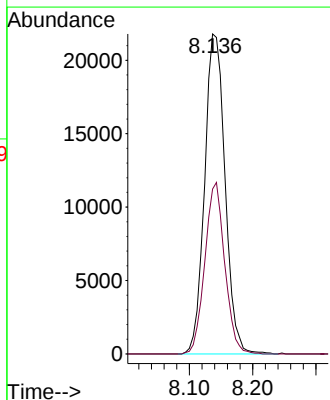
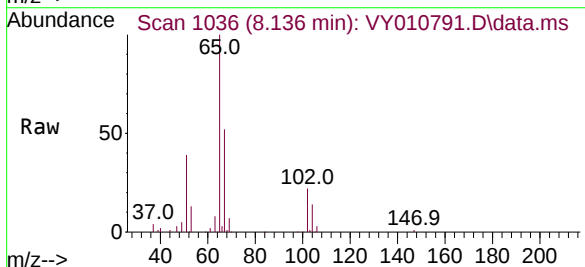
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-003-0930

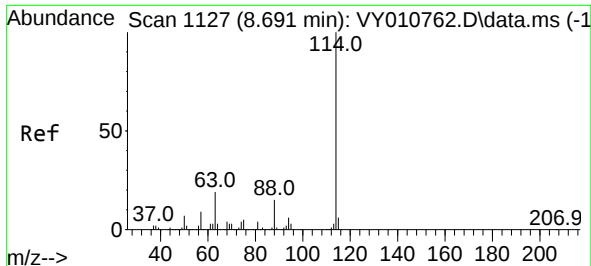
Tgt Ion:	84	Resp:	10198
Ion	Ratio	Lower	Upper
84	100		
49	101.7	114.4	171.6#
51	37.7	35.3	52.9
86	56.6	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 63.613 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

Tgt Ion:	65	Resp:	48944
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010791.D

Acq: 04 Oct 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-003-0930

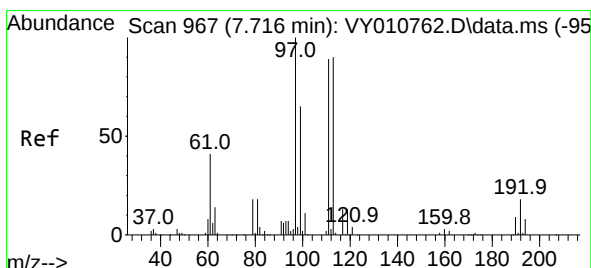
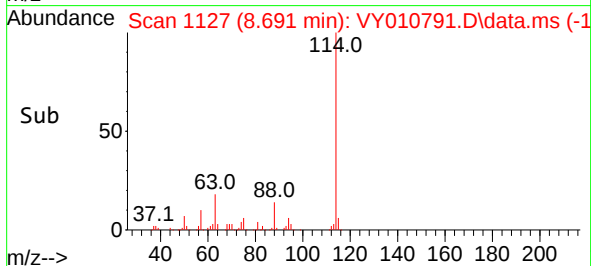
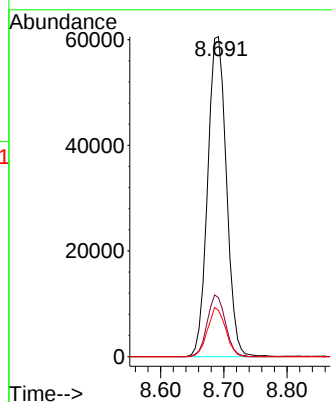
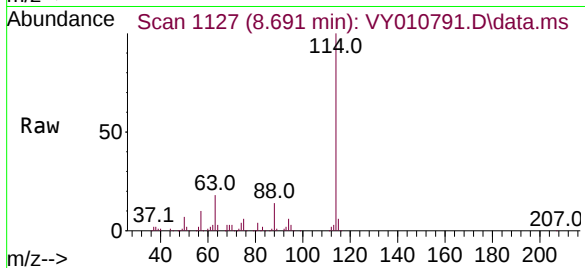
Tgt Ion:114 Resp: 124244

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.337 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010791.D

Acq: 04 Oct 2022 13:39

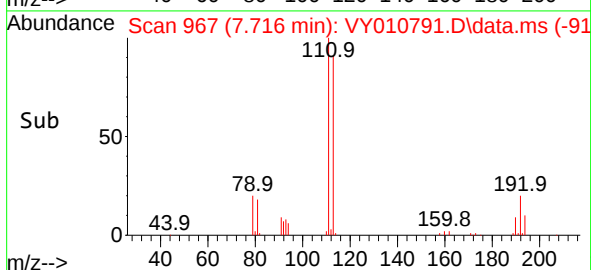
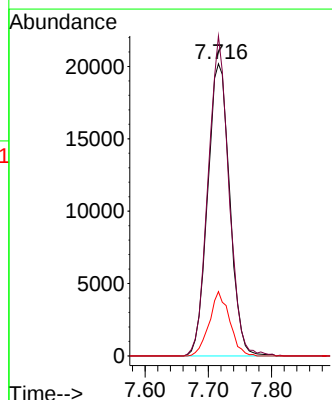
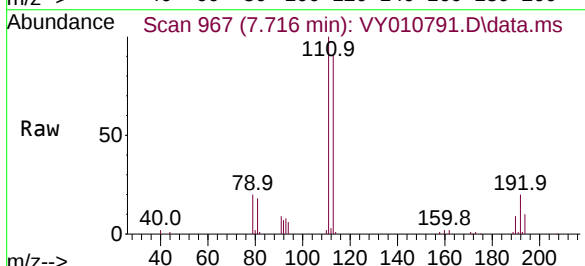
Tgt Ion:113 Resp: 48938

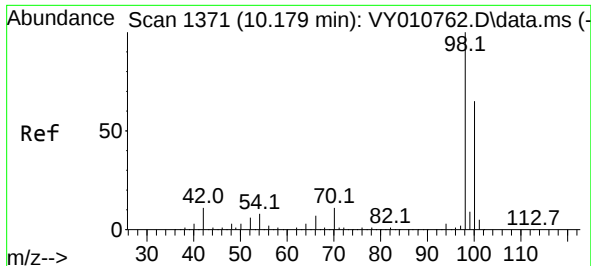
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 20.3 17.6 26.4

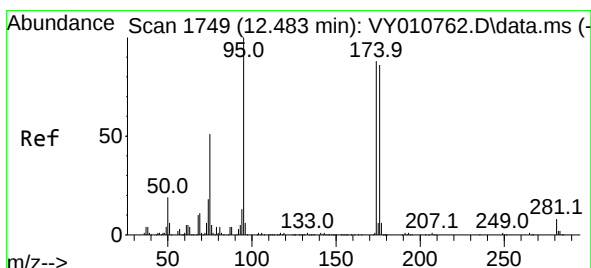
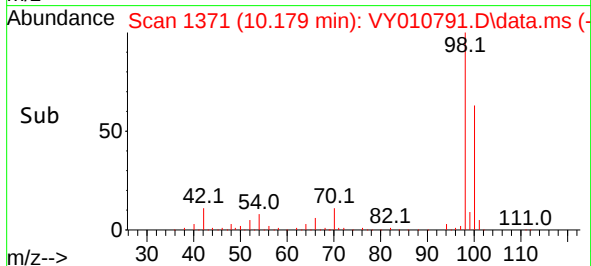
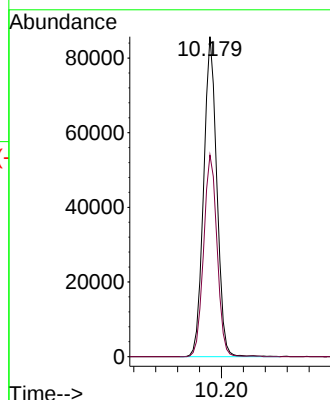
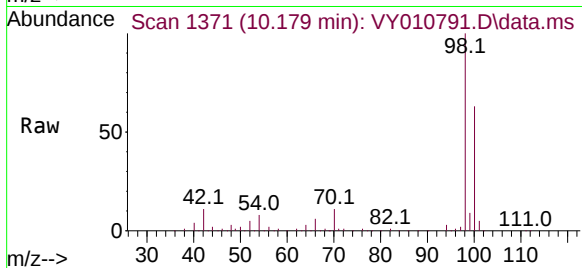




#50
Toluene-d8
Concen: 50.622 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

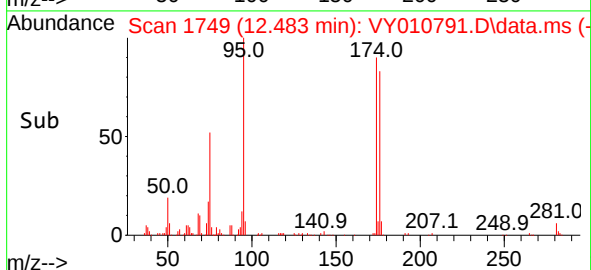
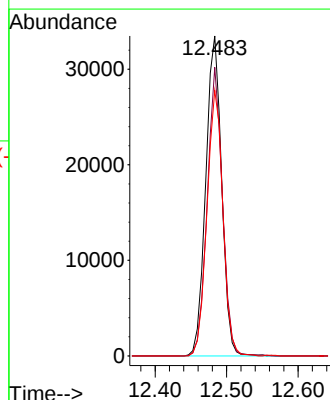
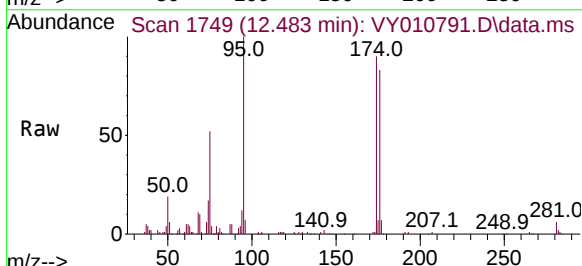
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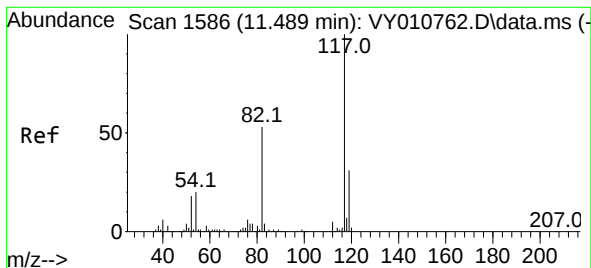
Tgt Ion: 98 Resp: 142779
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

Tgt Ion: 95 Resp: 51690
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010791.D

Acq: 04 Oct 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-003-0930

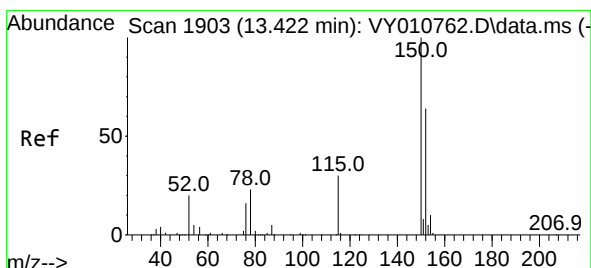
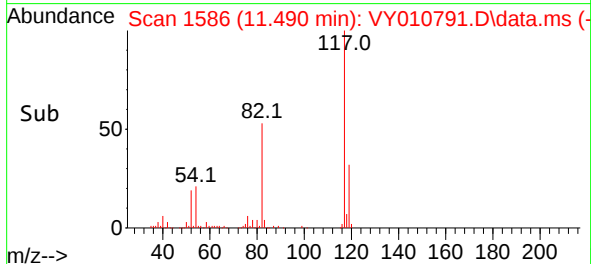
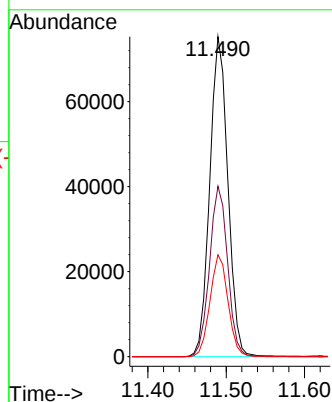
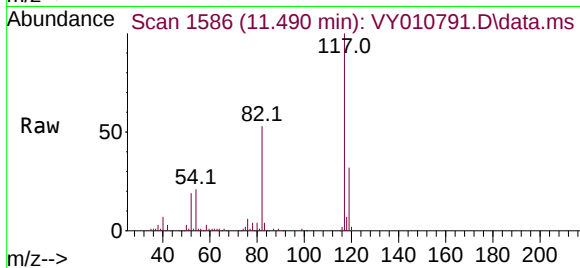
Tgt Ion:117 Resp: 120957

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010791.D

Acq: 04 Oct 2022 13:39

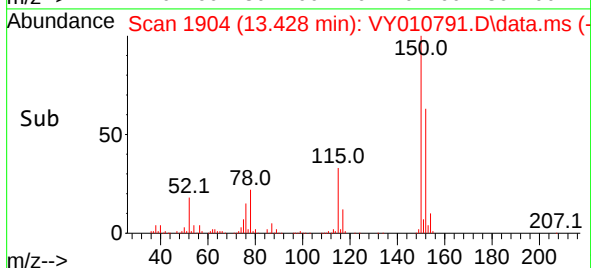
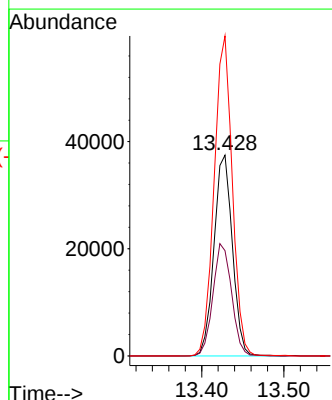
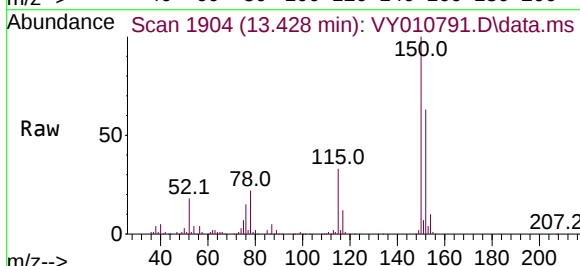
Tgt Ion:152 Resp: 58271

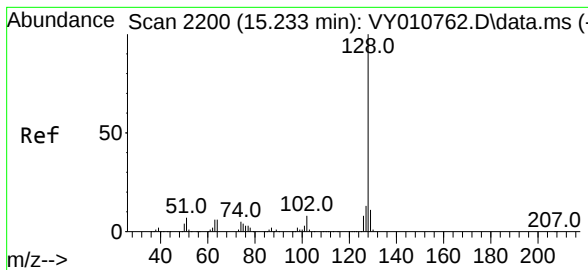
Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

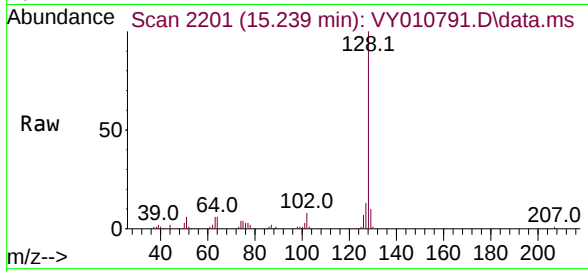
150 157.0 0.0 347.6





#95
Naphthalene
Concen: 27.883 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY010791.D
Acq: 04 Oct 2022 13:39

Instrument :
MSVOA_Y
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Tgt Ion:128 Resp: 54208
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.1 8.4 12.6

