

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011093.D
 Acq On : 25 Oct 2022 14:56
 Operator : KP/MD
 Sample : N5257-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOLLAND-RD-COMP-2

Quant Time: Oct 26 08:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

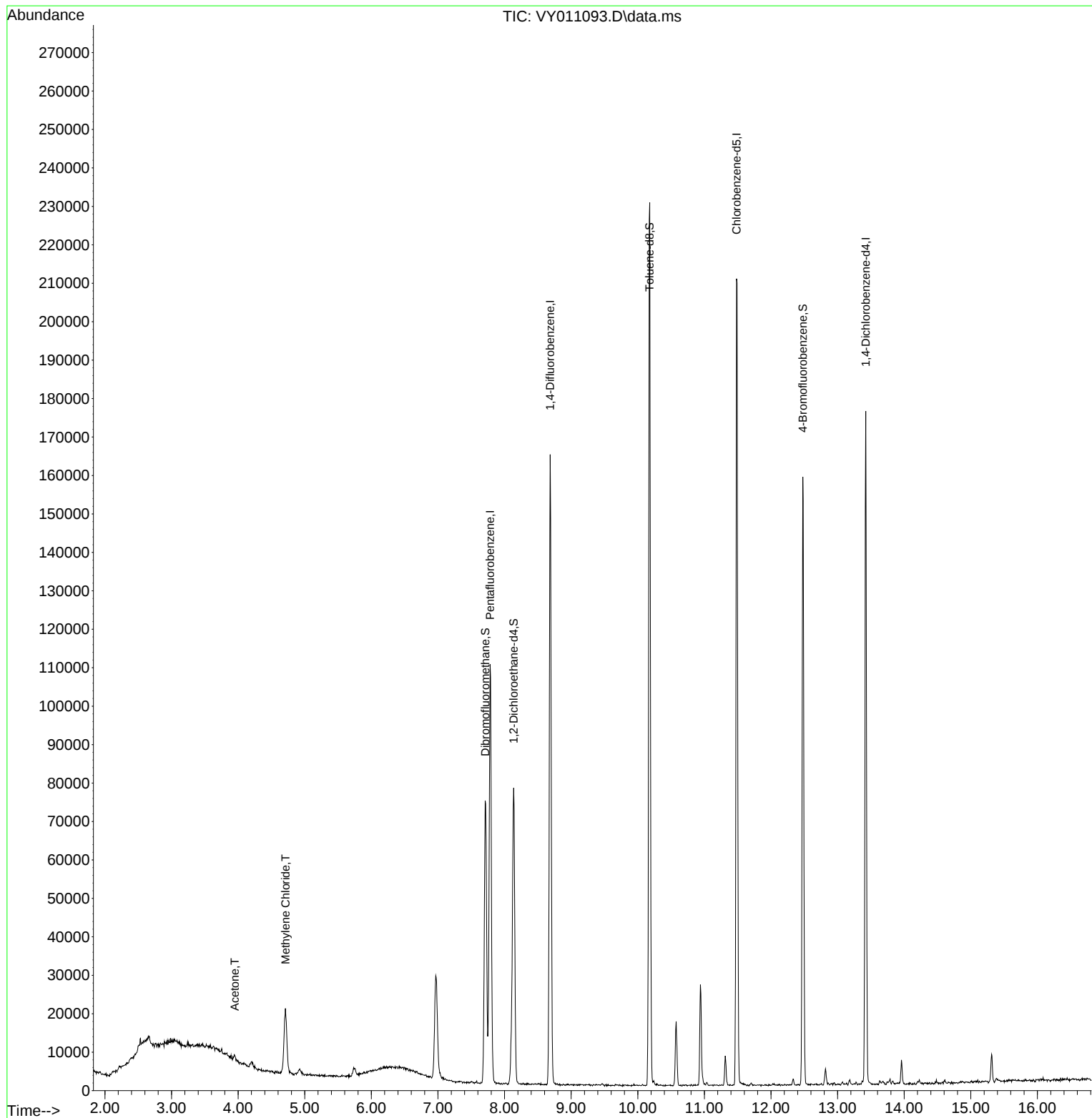
Internal Standards						
1) Pentafluorobenzene	7.783	168	84689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	122570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55456	71.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.180%
35) Dibromofluoromethane	7.710	113	54392	69.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.100%
50) Toluene-d8	10.179	98	157116	52.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.960%
62) 4-Bromofluorobenzene	12.477	95	47351	44.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.500%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	1893	8.356	ug/l	95
20) Methylene Chloride	4.710	84	12945	7.777	ug/l	86

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

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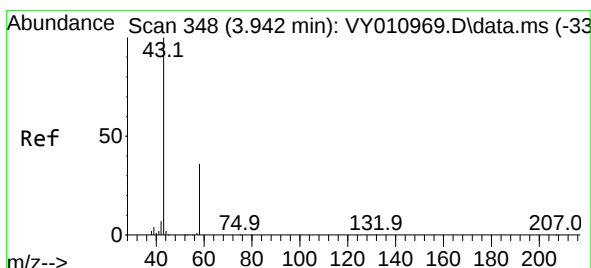
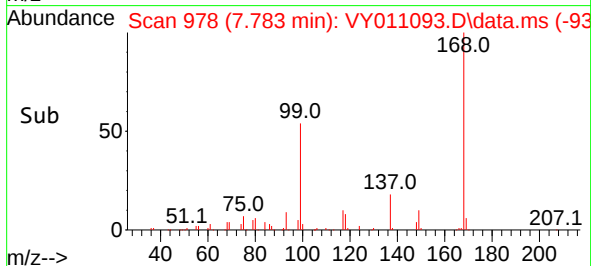
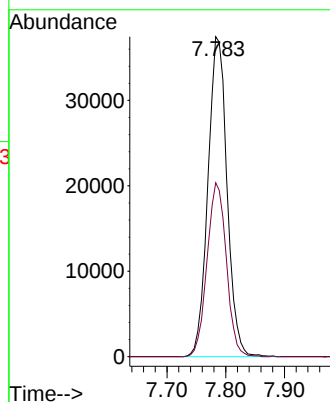
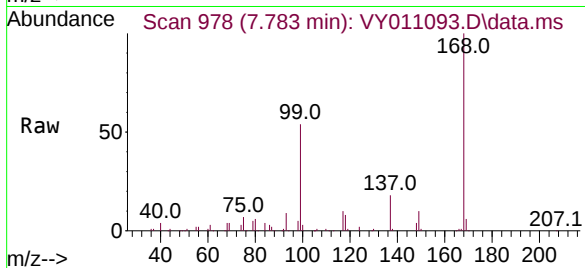




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011093.D
Acq: 25 Oct 2022 14:56

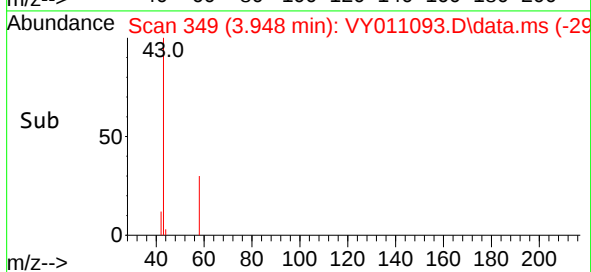
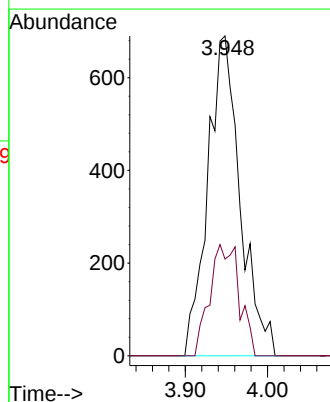
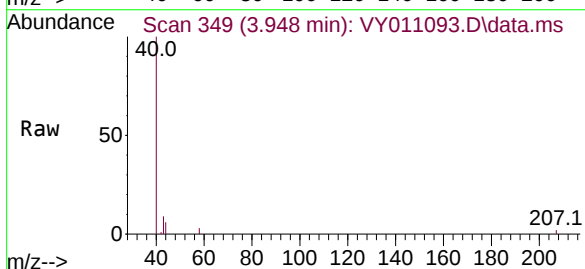
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-2

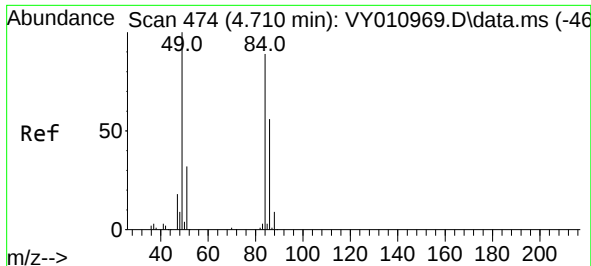
Tgt Ion:168 Resp: 84689
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 8.356 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011093.D
Acq: 25 Oct 2022 14:56

Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0





#20

Methylene Chloride

Concen: 7.777 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011093.D

Acq: 25 Oct 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

HOLLAND-RD-COMP-2

Tgt Ion: 84 Resp: 12945

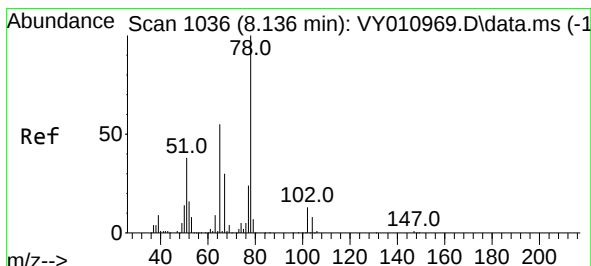
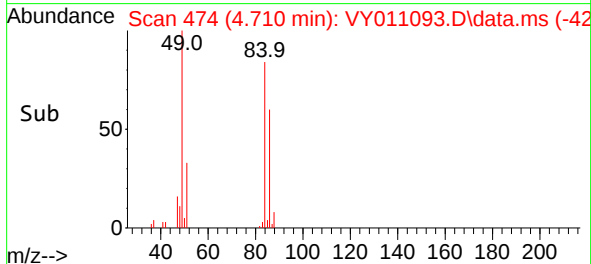
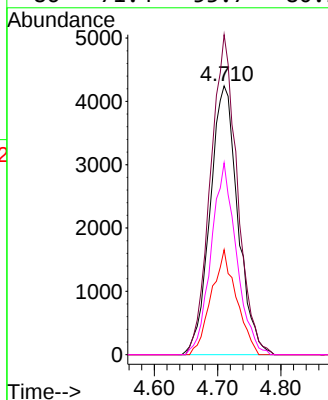
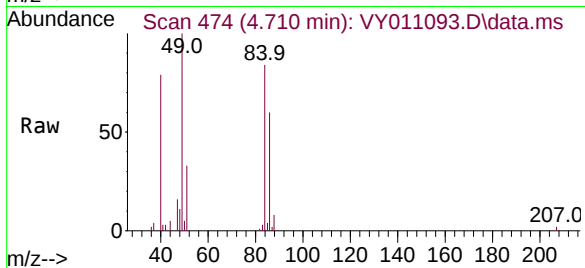
Ion Ratio Lower Upper

84 100

49 119.1 114.4 171.6

51 39.1 35.3 52.9

86 71.4 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 71.087 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011093.D

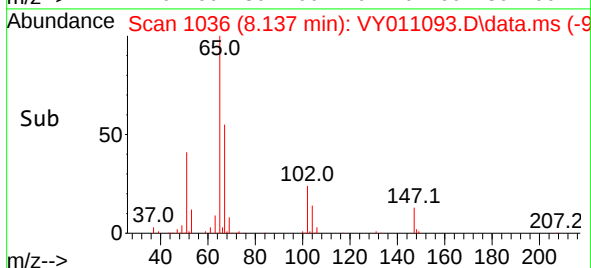
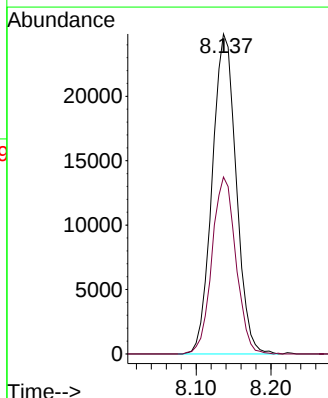
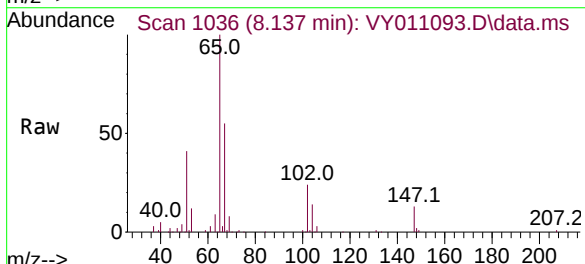
Acq: 25 Oct 2022 14:56

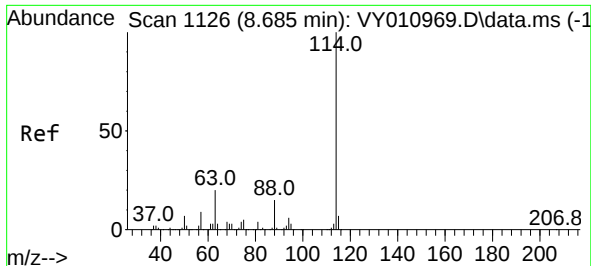
Tgt Ion: 65 Resp: 55456

Ion Ratio Lower Upper

65 100

67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011093.D

Acq: 25 Oct 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

HOLLAND-RD-COMP-2

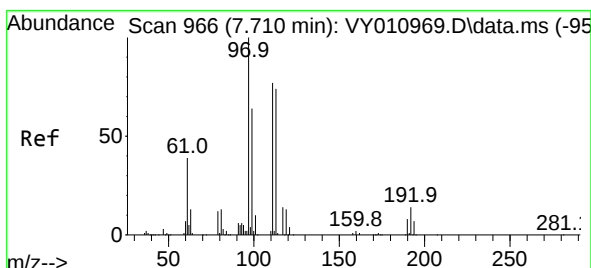
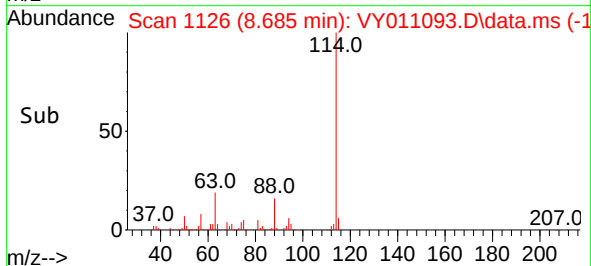
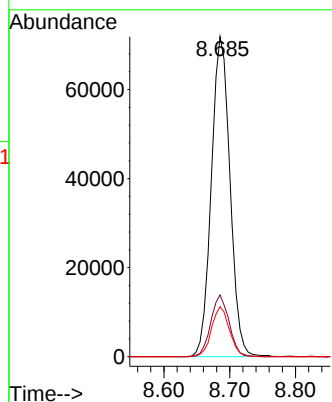
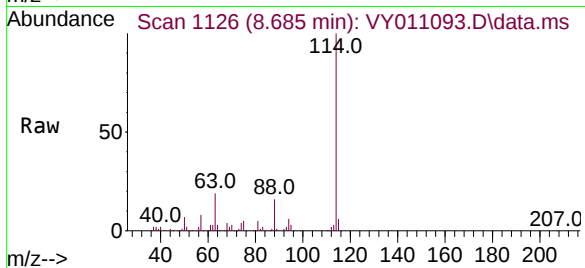
Tgt Ion:114 Resp: 142026

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 69.546 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011093.D

Acq: 25 Oct 2022 14:56

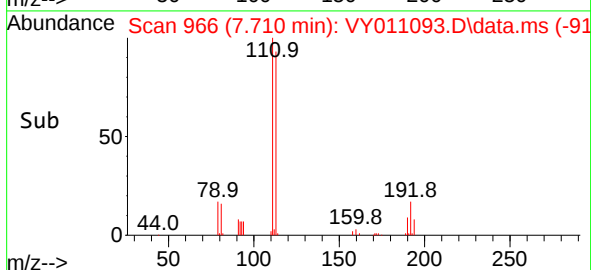
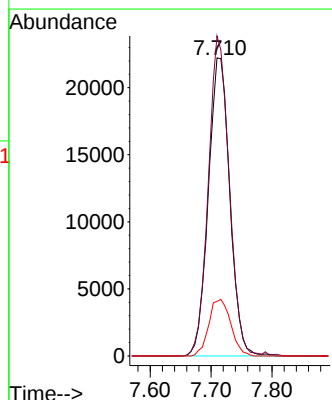
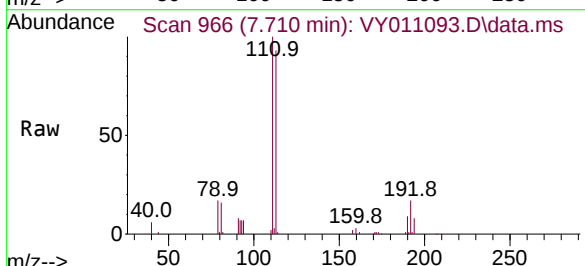
Tgt Ion:113 Resp: 54392

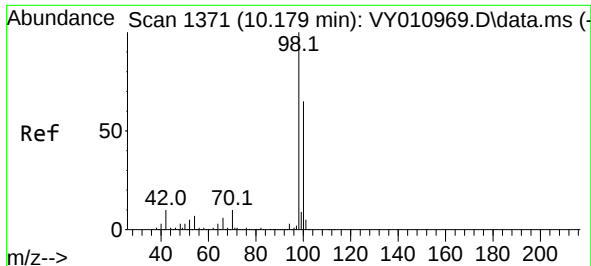
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.5 17.6 26.4

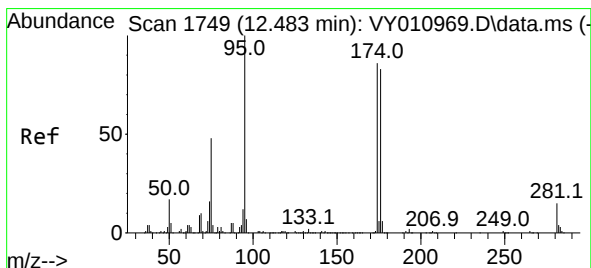
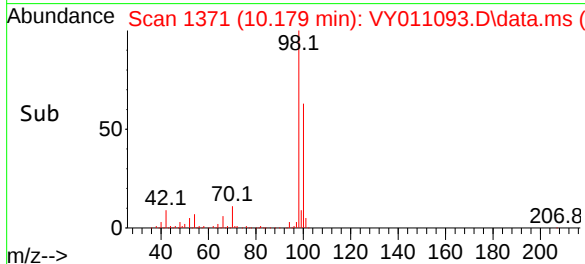
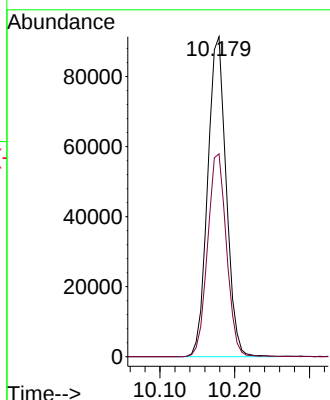
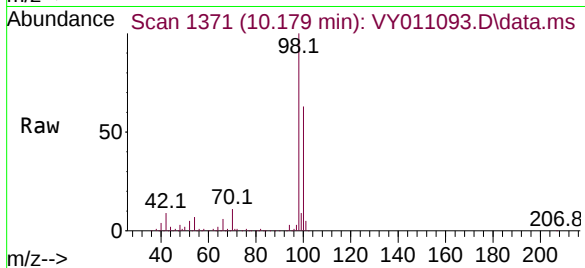




#50
Toluene-d8
Concen: 52.981 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011093.D
Acq: 25 Oct 2022 14:56

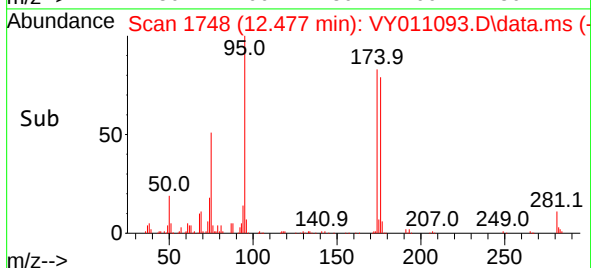
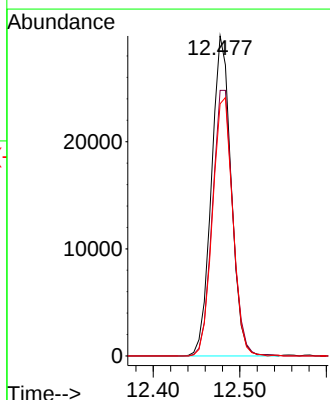
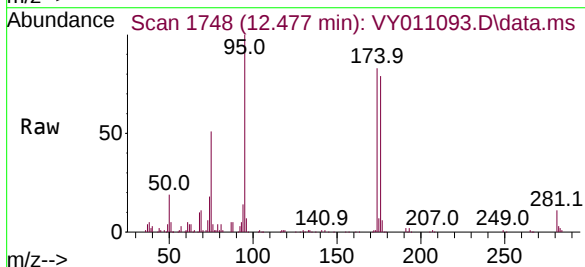
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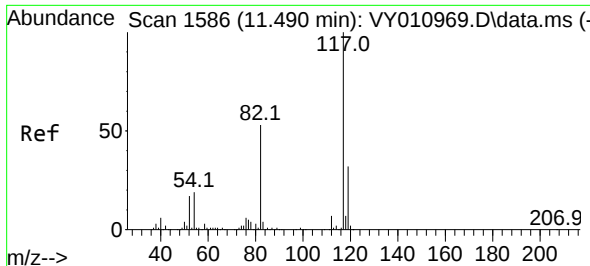
Tgt Ion: 98 Resp: 157116
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.754 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011093.D
Acq: 25 Oct 2022 14:56

Tgt Ion: 95 Resp: 47351
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.4 0.0 175.8

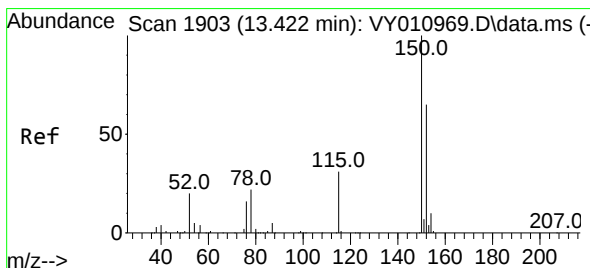
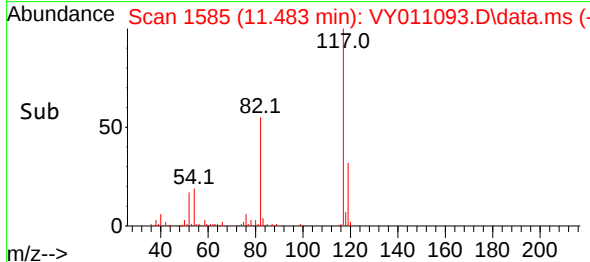
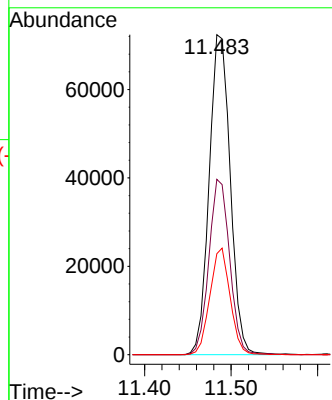
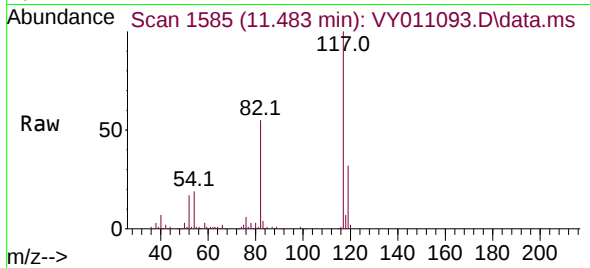




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011093.D
Acq: 25 Oct 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-2

Tgt Ion:117	Resp:	122570
Ion	Ratio	Lower Upper
117	100	
82	54.8	43.0 64.4
119	31.5	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011093.D
Acq: 25 Oct 2022 14:56

Tgt Ion:152	Resp:	46457
Ion	Ratio	Lower Upper
152	100	
115	57.4	28.2 84.7
150	153.6	0.0 347.6

