

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011259.D
 Acq On : 02 Nov 2022 13:56
 Operator : KP/MD
 Sample : N5395-02
 Misc : 7.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-12-103122

Quant Time: Nov 03 05:15:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

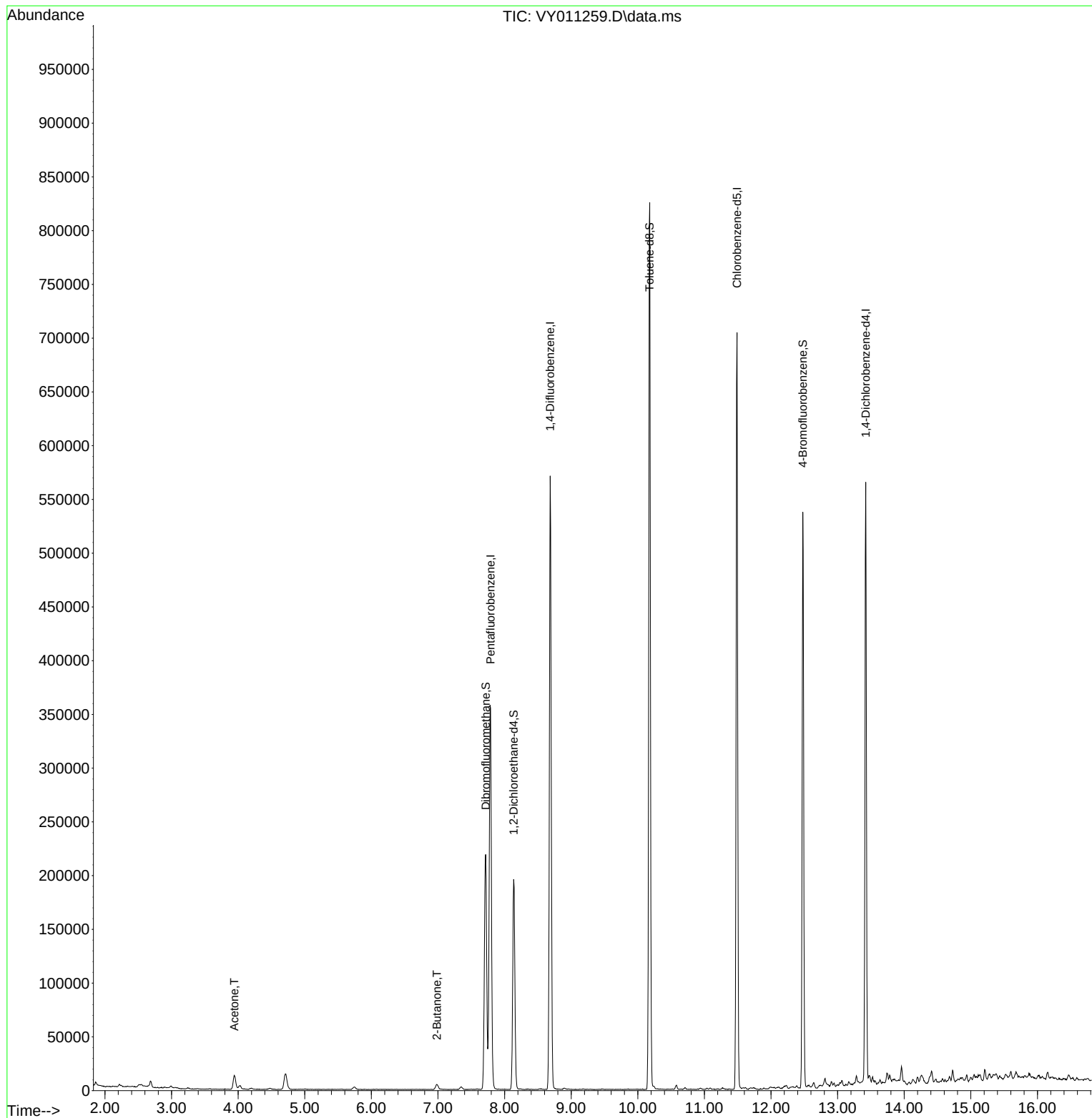
Internal Standards						
1) Pentafluorobenzene	7.789	168	288062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	497195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	397446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151526	49.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.716	113	164542	51.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.179	98	566917	45.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.477	95	169053	39.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.520%
Target Compounds						
16) Acetone	3.942	43	22739	24.451	ug/l #	88
25) 2-Butanone	6.984	43	7899	6.037	ug/l #	88

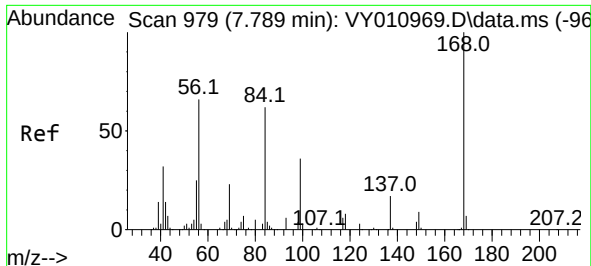
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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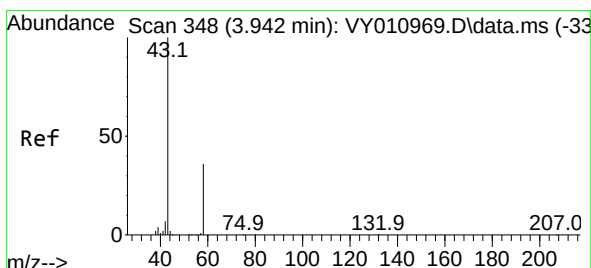
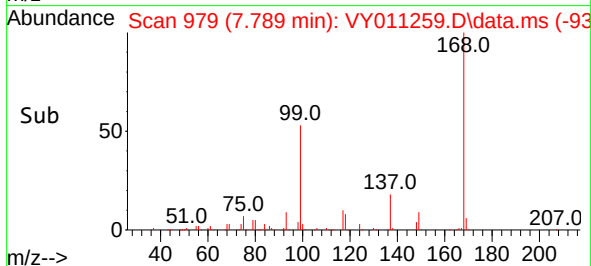
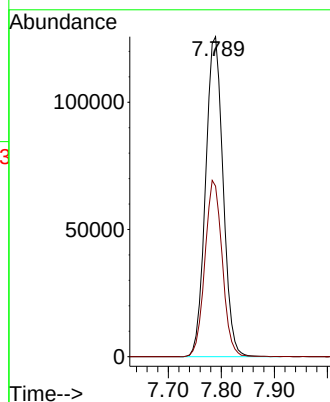
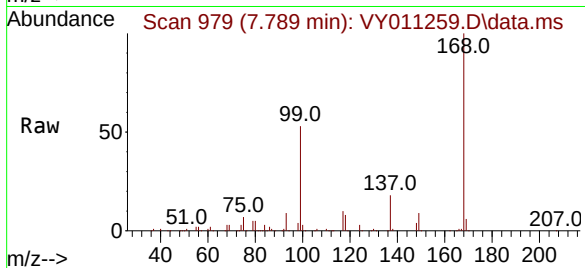




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

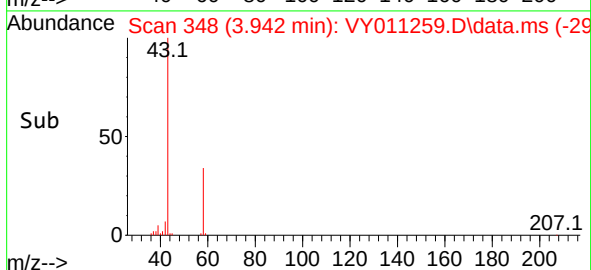
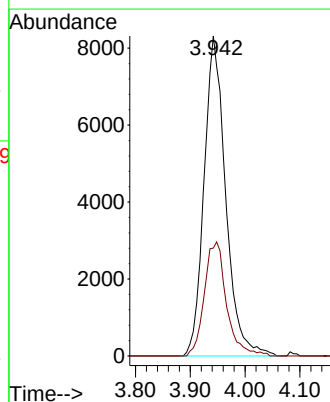
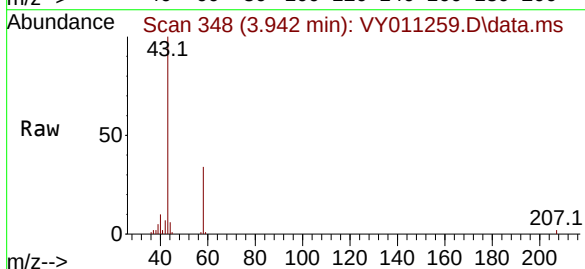
Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

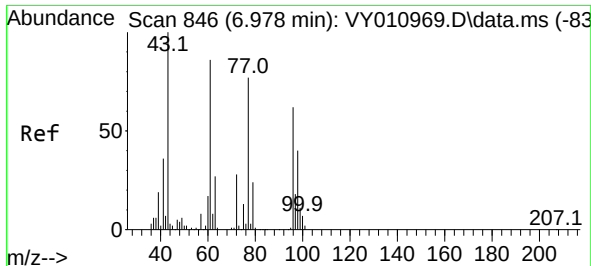
Tgt Ion:168 Resp: 288062
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 24.451 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 43 Resp: 22739
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#

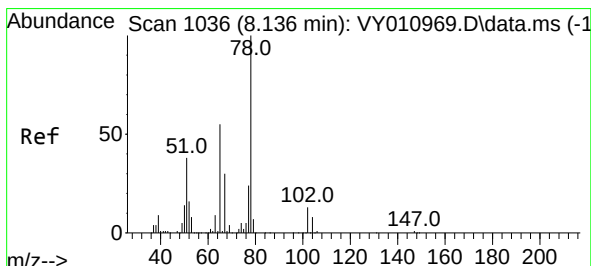
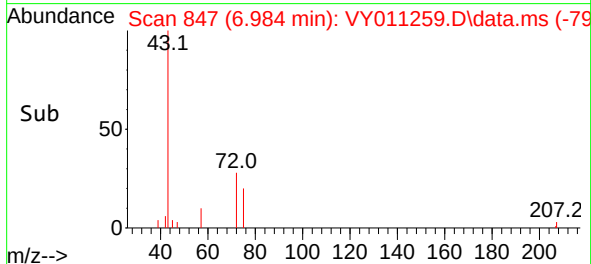
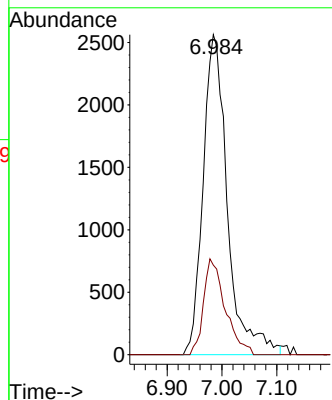
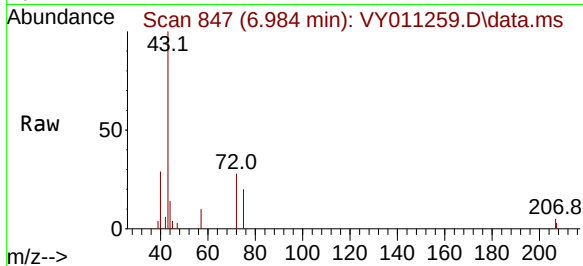




#25
2-Butanone
Concen: 6.037 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

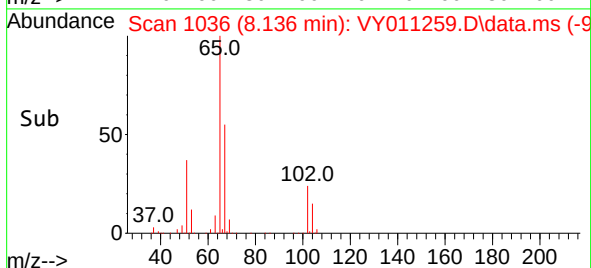
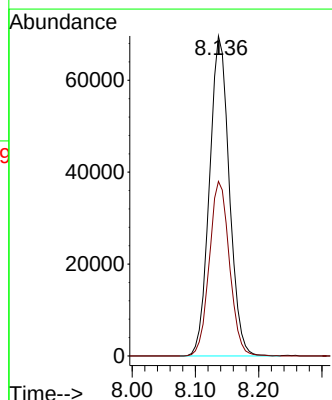
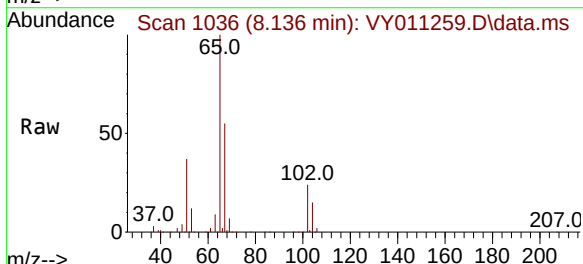
Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

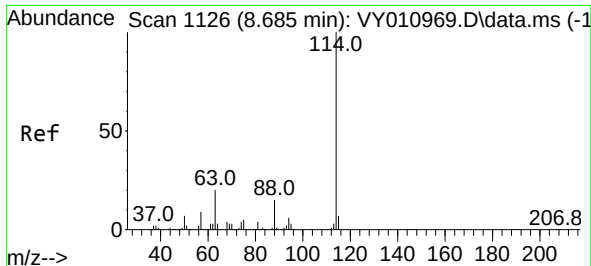
Tgt Ion: 43 Resp: 7899
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 49.183 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 65 Resp: 151526
Ion Ratio Lower Upper
65 100
67 55.3 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: VY011259.D

Acq: 02 Nov 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

S-12-103122

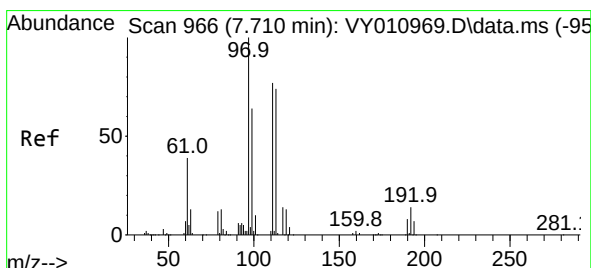
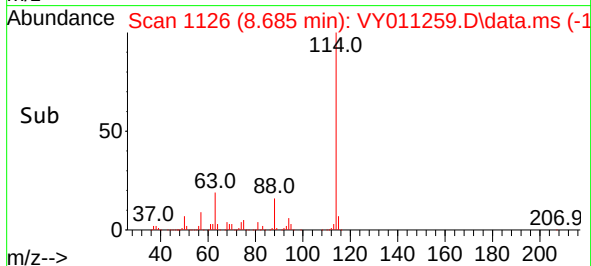
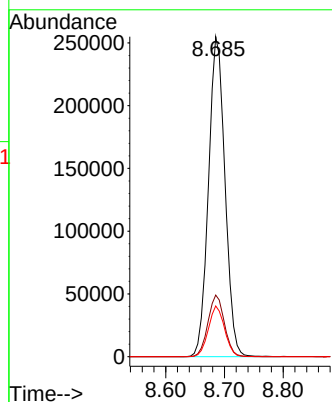
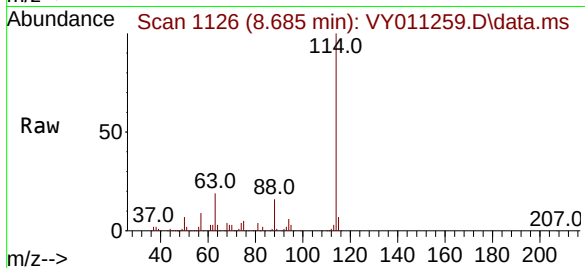
Tgt Ion:114 Resp: 497195

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.509 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011259.D

Acq: 02 Nov 2022 13:56

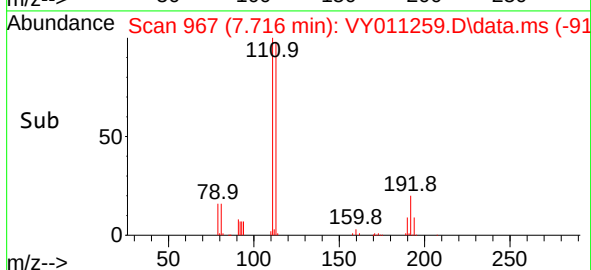
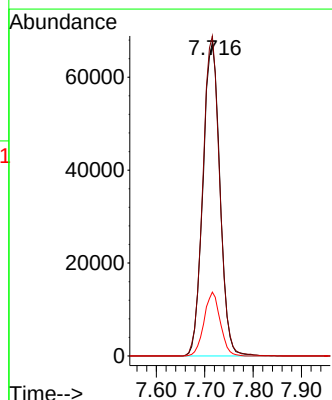
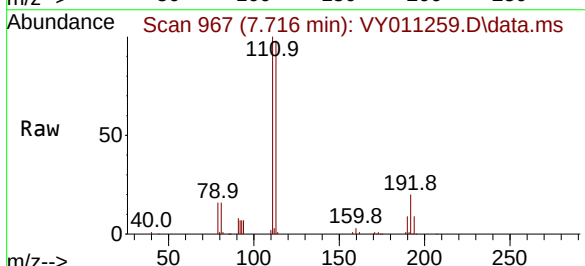
Tgt Ion:113 Resp: 164542

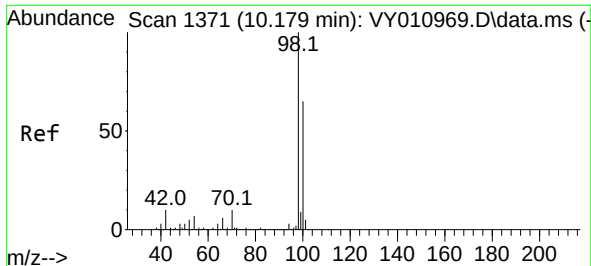
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 19.4 17.6 26.4

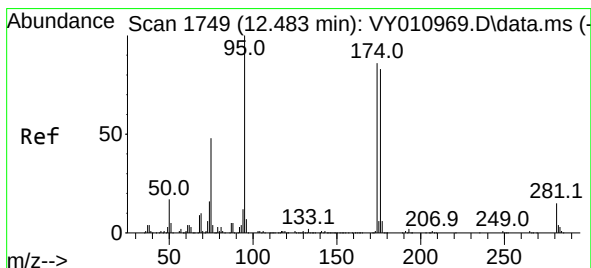
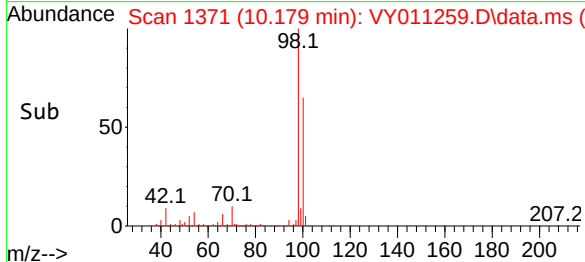
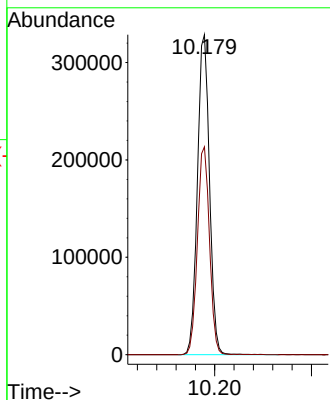
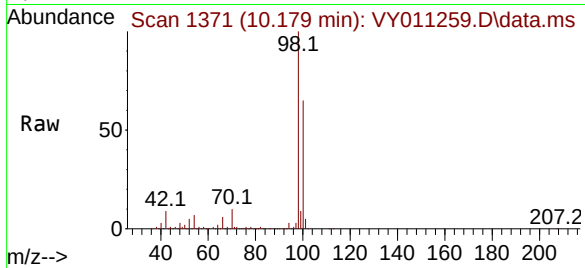




#50
Toluene-d8
Concen: 45.709 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

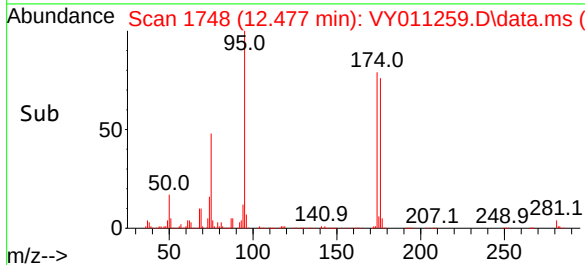
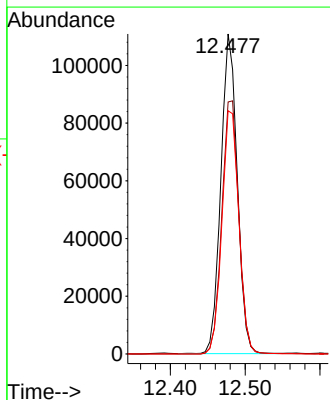
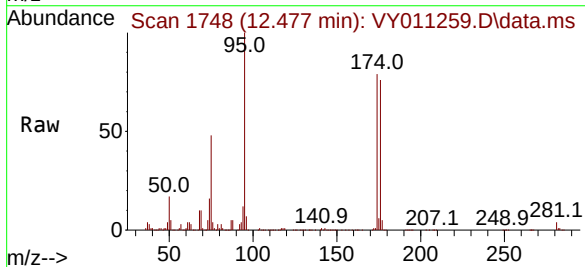
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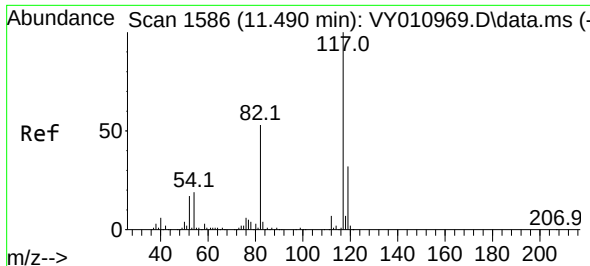
Tgt Ion: 98 Resp: 566917
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.262 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion: 95 Resp: 169053
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 78.7 0.0 175.8

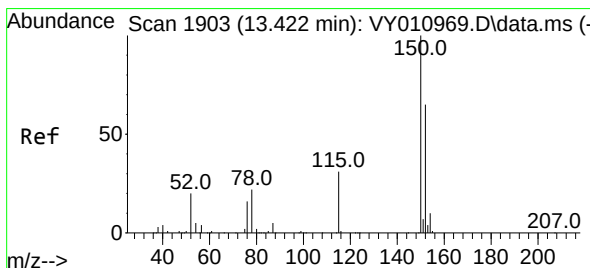
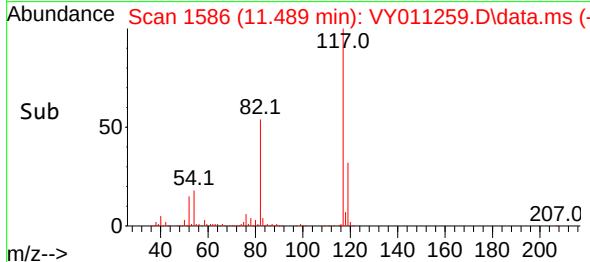
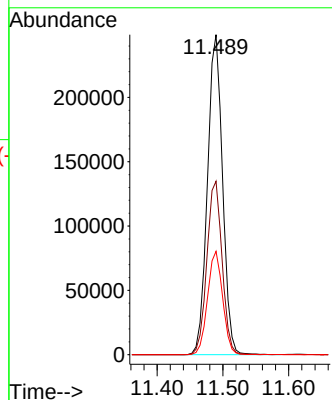
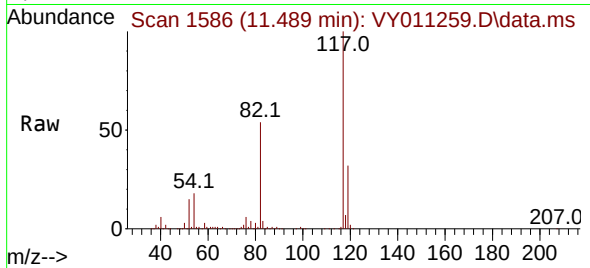




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011259.D
Acq: 02 Nov 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :
S-12-103122

Tgt Ion:117 Resp: 397446
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 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: VY011259.D
Acq: 02 Nov 2022 13:56

Tgt Ion:152 Resp: 147963
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.3 0.0 347.6

