

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010826.D
 Acq On : 05 Oct 2022 17:32
 Operator : KP/MD
 Sample : N5004-06
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-21-17

Quant Time: Oct 06 09:22:40 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)

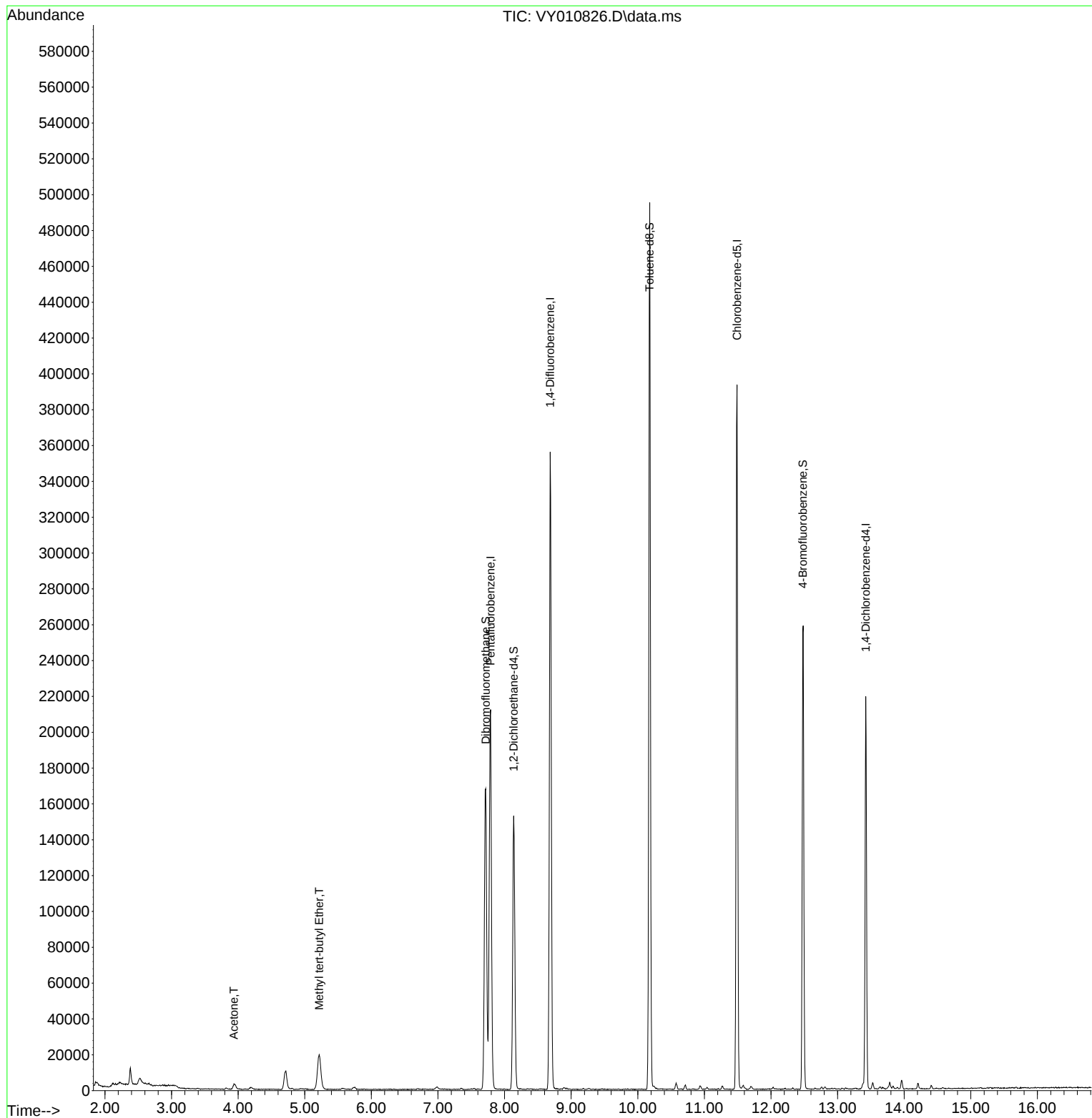
Internal Standards						
1) Pentafluorobenzene	7.789	168	164576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117904	70.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.360%
35) Dibromofluoromethane	7.716	113	121765	60.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.880%
50) Toluene-d8	10.179	98	315867	46.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.477	95	77937	27.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.080%
Target Compounds						
16) Acetone	3.936	43	5575	13.159	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	31950	7.844	ug/l	100

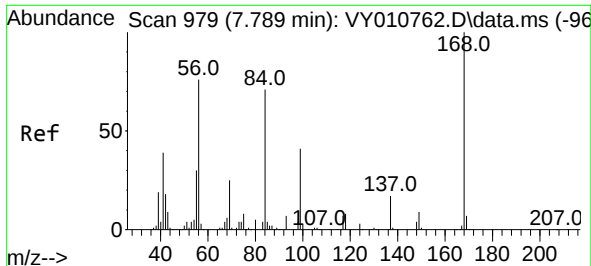
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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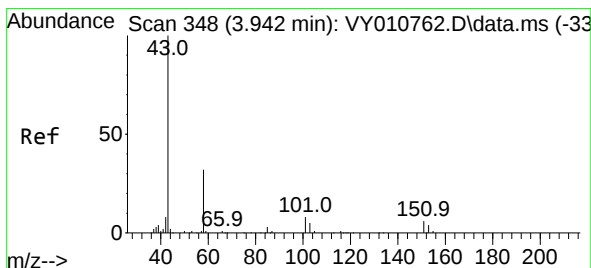
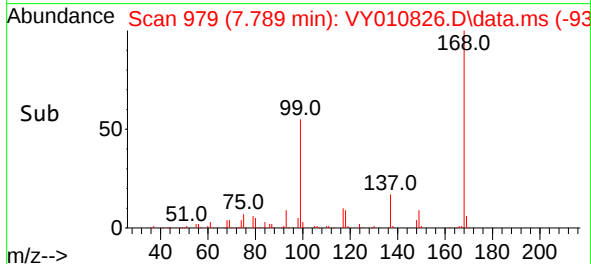
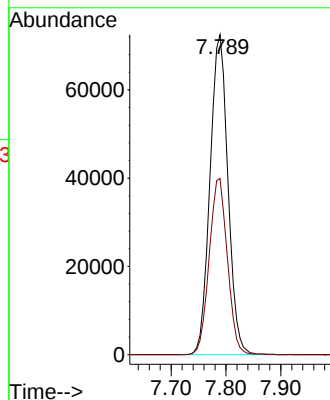
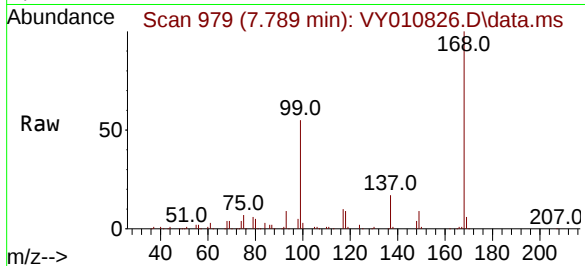




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010826.D
Acq: 05 Oct 2022 17:32

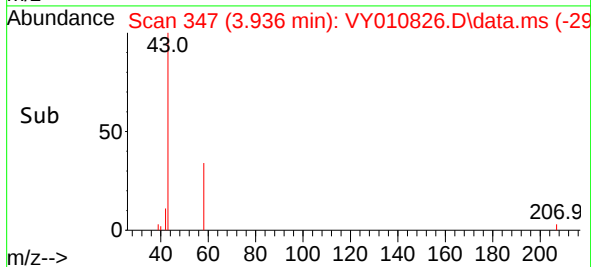
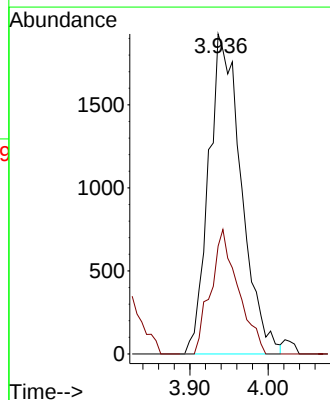
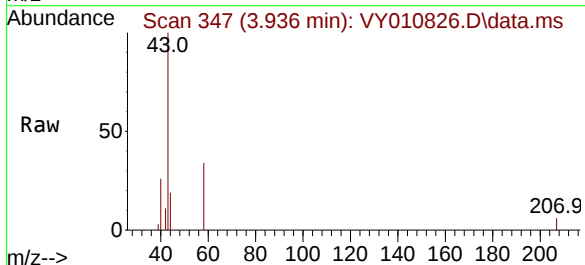
Instrument :
MSVOA_Y
ClientSampleId :
DA-21-17

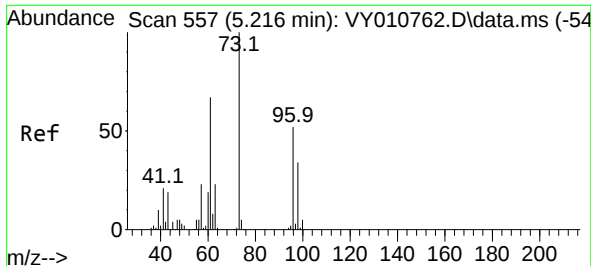
Tgt Ion:168 Resp: 164576
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#16
Acetone
Concen: 13.159 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010826.D
Acq: 05 Oct 2022 17:32

Tgt Ion: 43 Resp: 5575
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





#19

Methyl tert-butyl Ether

Concen: 7.844 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010826.D

Acq: 05 Oct 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

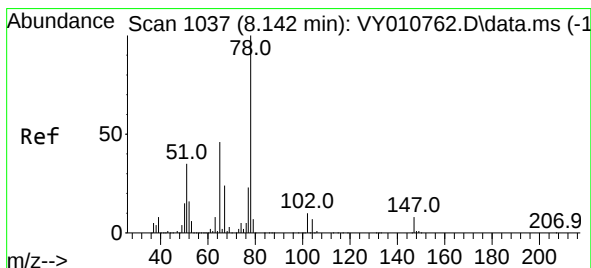
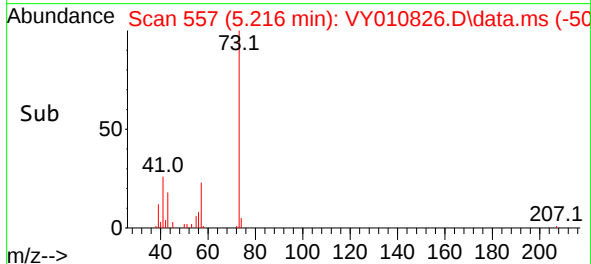
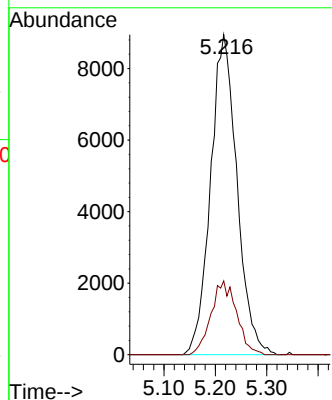
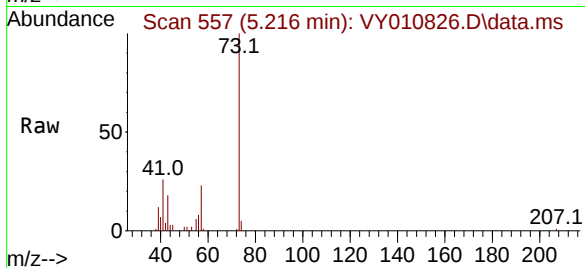
DA-21-17

Tgt Ion: 73 Resp: 31950

Ion Ratio Lower Upper

73 100

57 23.0 18.6 27.8



#33

1,2-Dichloroethane-d4

Concen: 70.678 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY010826.D

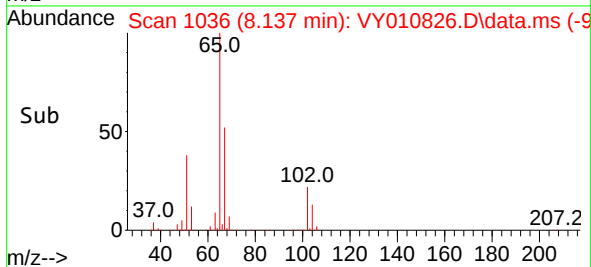
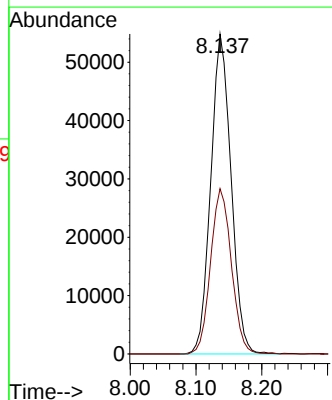
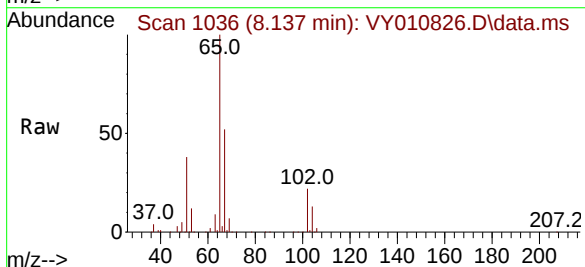
Acq: 05 Oct 2022 17:32

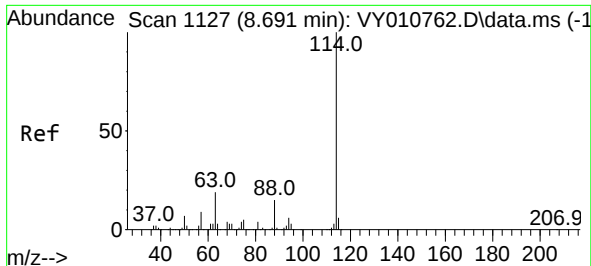
Tgt Ion: 65 Resp: 117904

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010826.D

Acq: 05 Oct 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

DA-21-17

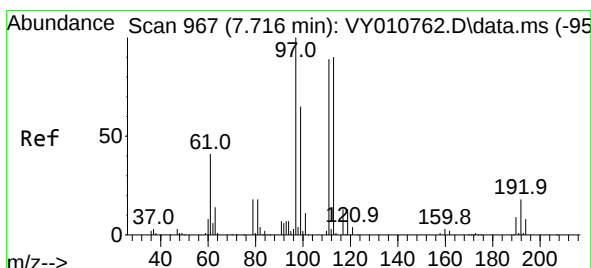
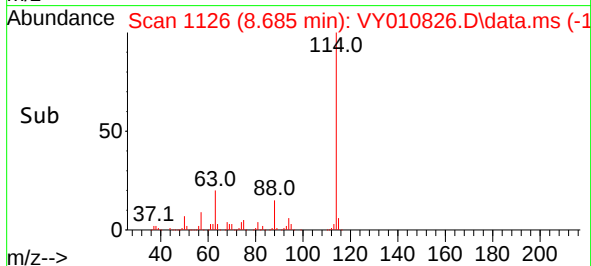
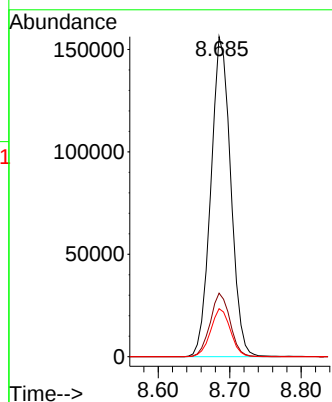
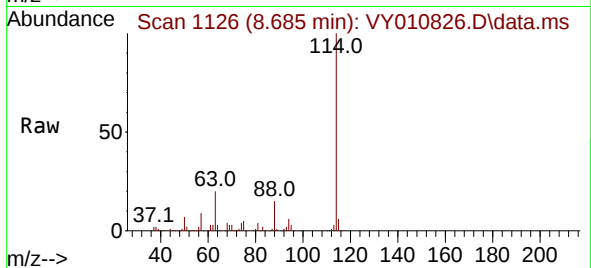
Tgt Ion:114 Resp: 301013

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.939 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010826.D

Acq: 05 Oct 2022 17:32

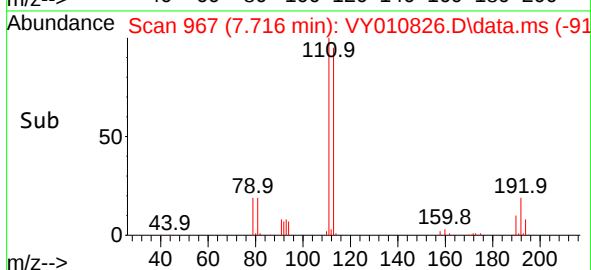
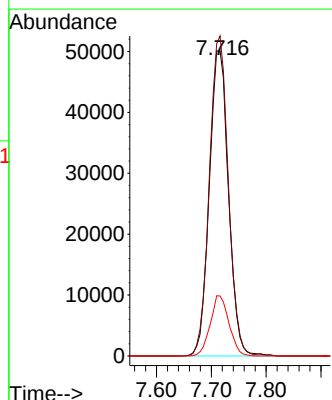
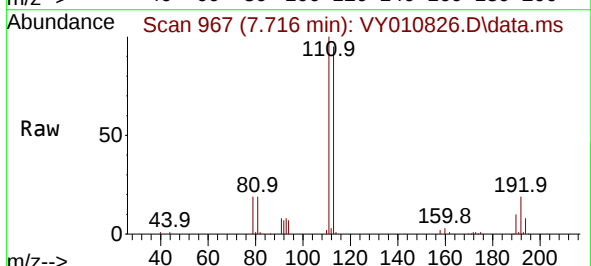
Tgt Ion:113 Resp: 121765

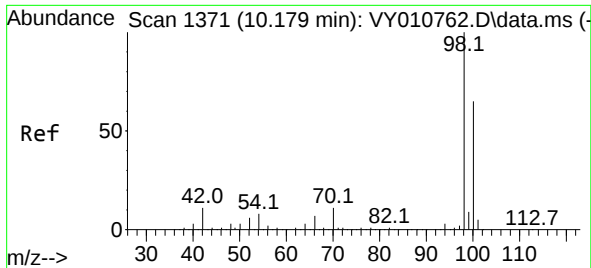
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.2 17.6 26.4

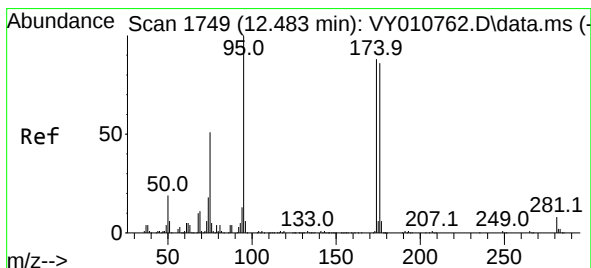
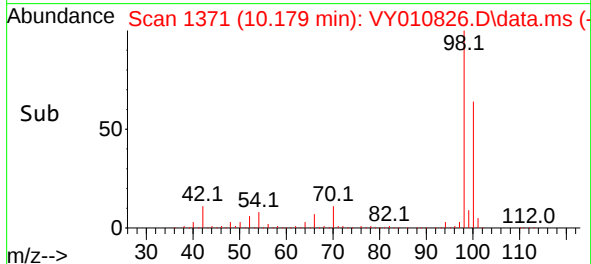
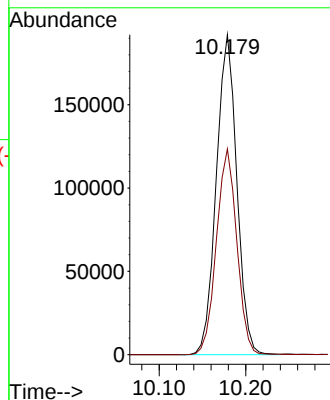
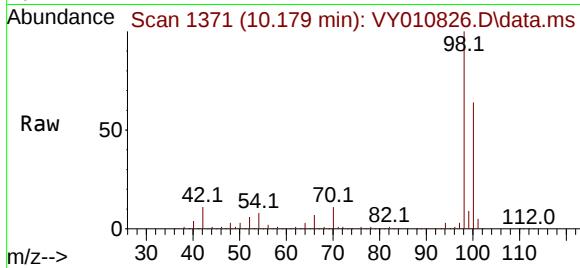




#50
Toluene-d8
Concen: 46.224 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010826.D
Acq: 05 Oct 2022 17:32

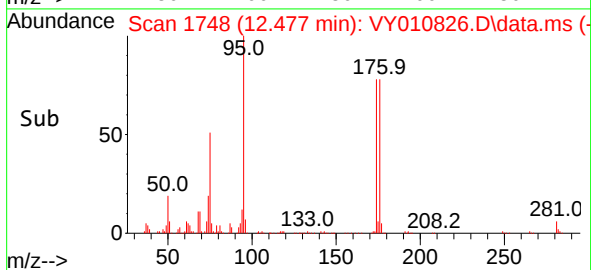
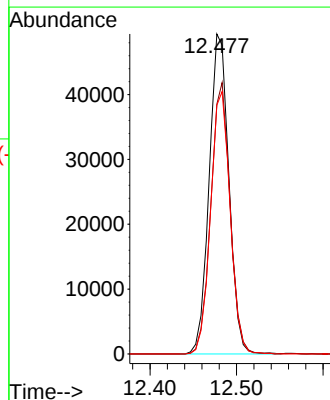
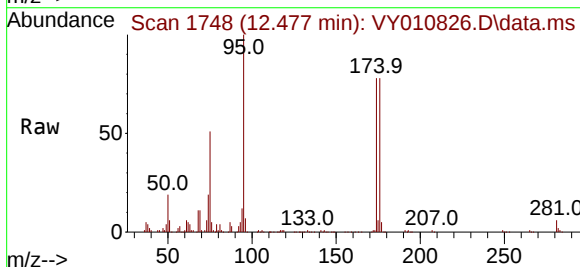
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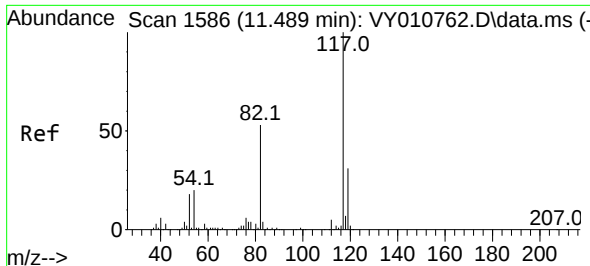
Tgt Ion: 98 Resp: 315867
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.540 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010826.D
Acq: 05 Oct 2022 17:32

Tgt Ion: 95 Resp: 77937
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 81.2 0.0 175.8

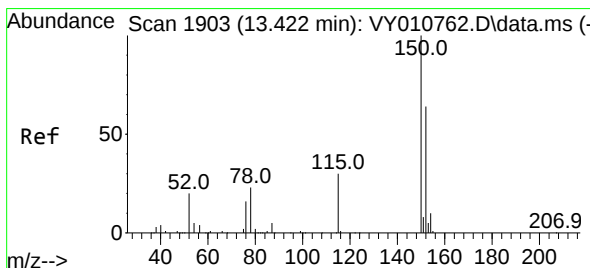
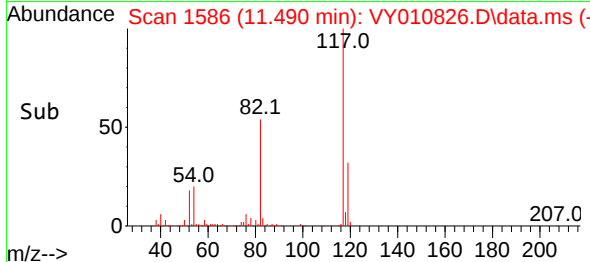
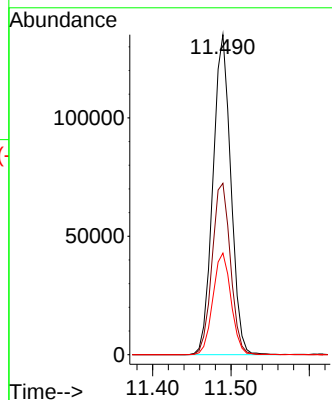
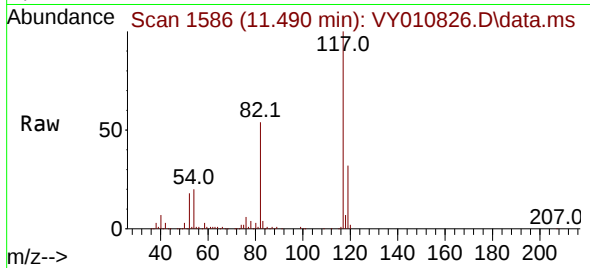




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010826.D
Acq: 05 Oct 2022 17:32

Instrument :
MSVOA_Y
ClientSampleId :
DA-21-17

Tgt Ion:117 Resp: 214443
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.8 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: VY010826.D
Acq: 05 Oct 2022 17:32

Tgt Ion:152 Resp: 55312
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.7 0.0 347.6

