

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010205.D
 Acq On : 25 Aug 2022 14:13
 Operator : KP/MD
 Sample : N4326-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-082322

Quant Time: Aug 26 06:46:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

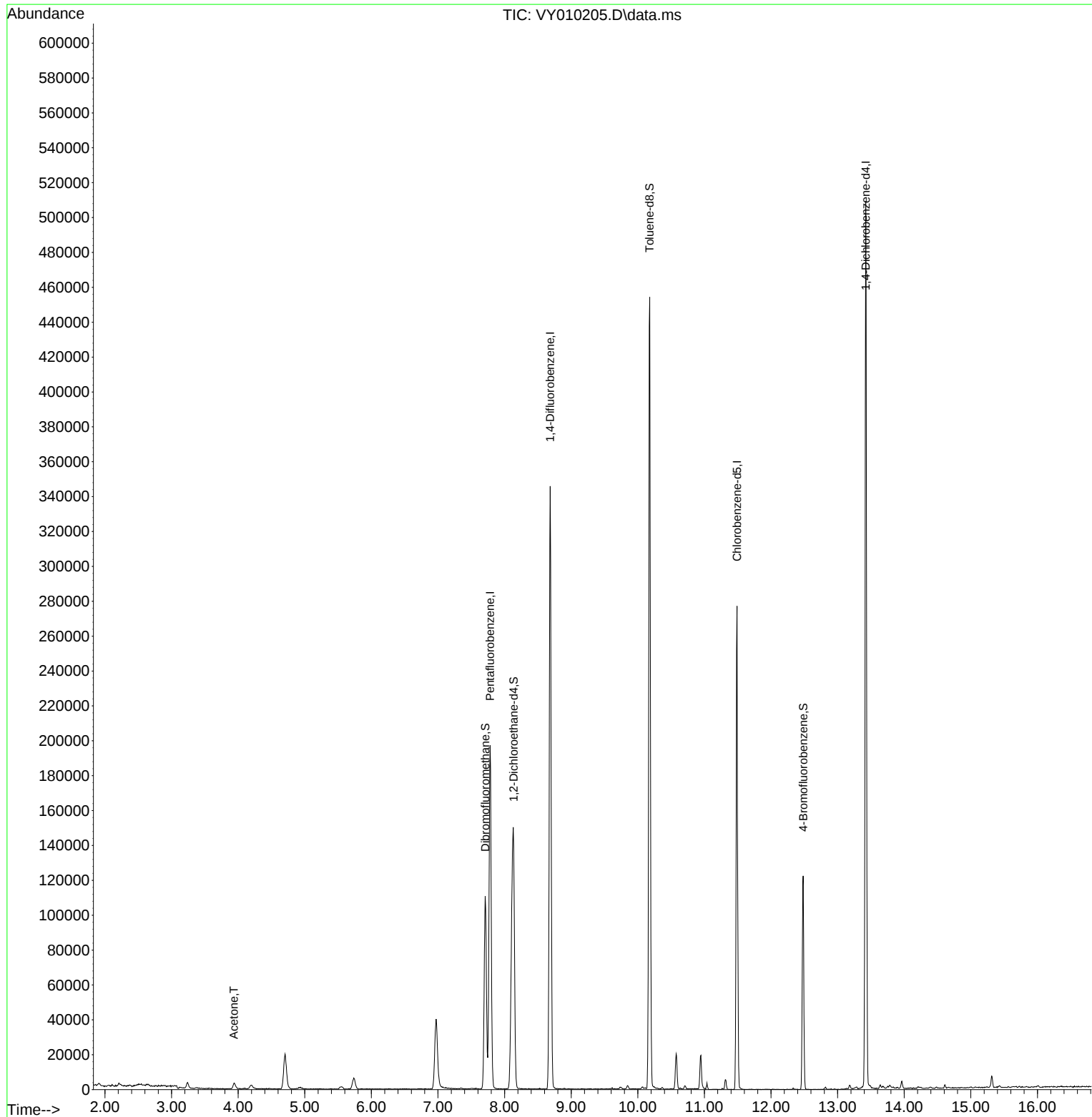
Internal Standards						
1) Pentafluorobenzene	7.783	168	155800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83700	64.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.900%
35) Dibromofluoromethane	7.710	113	79664	41.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.740%
50) Toluene-d8	10.179	98	298245	44.631	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.483	95	35001	13.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	27.340%#
Target Compounds						
16) Acetone	3.936	43	6077	14.367	ug/l	Qvalue 94

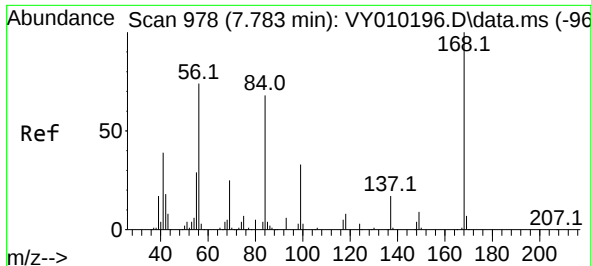
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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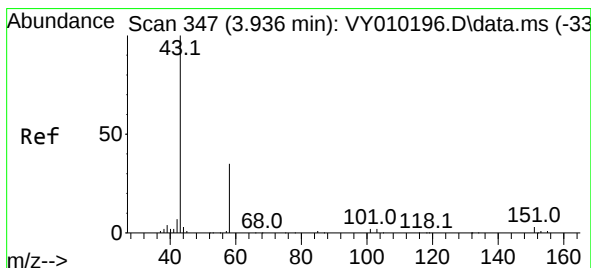
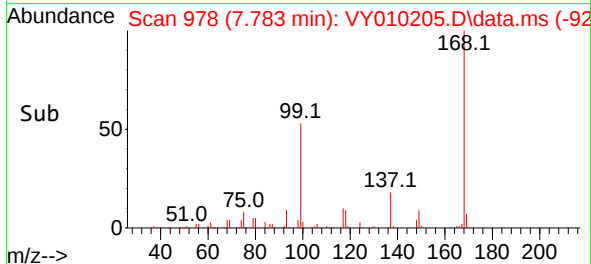
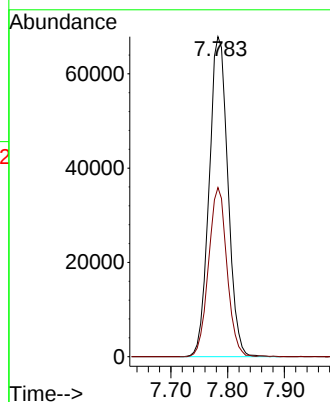
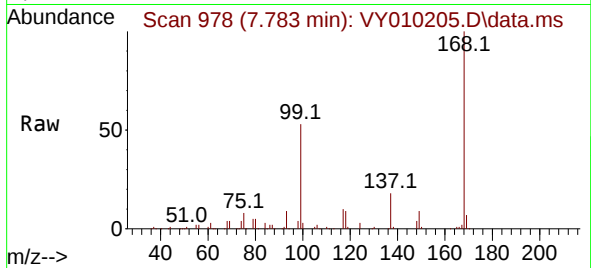




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010205.D
Acq: 25 Aug 2022 14:13

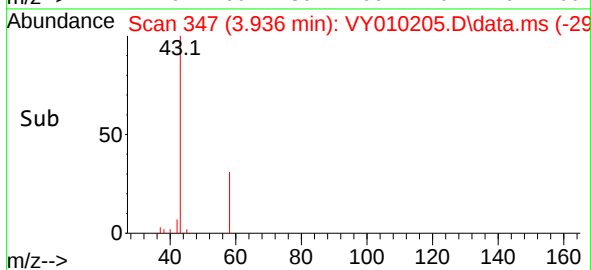
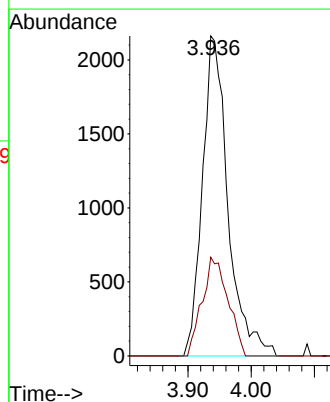
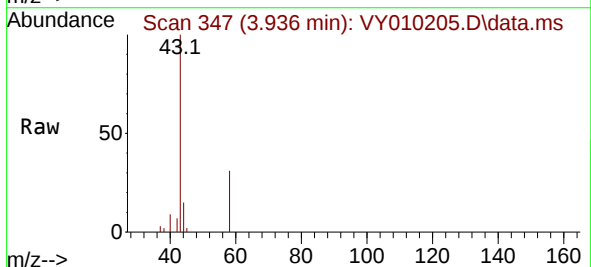
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-082322

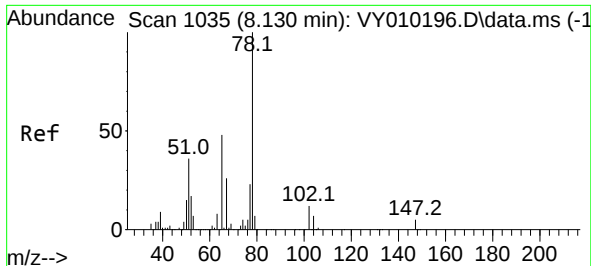
Tgt Ion:168 Resp: 155800
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#16
Acetone
Concen: 14.367 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010205.D
Acq: 25 Aug 2022 14:13

Tgt Ion: 43 Resp: 6077
Ion Ratio Lower Upper
43 100
58 30.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 64.953 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010205.D

Acq: 25 Aug 2022 14:13

Instrument :

MSVOA_Y

ClientSampleId :

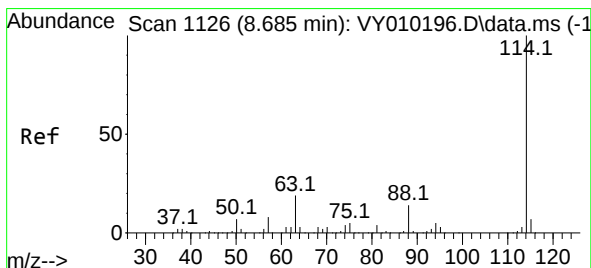
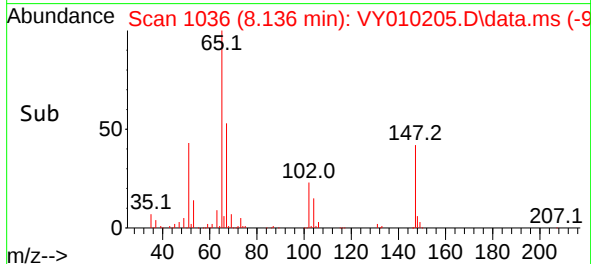
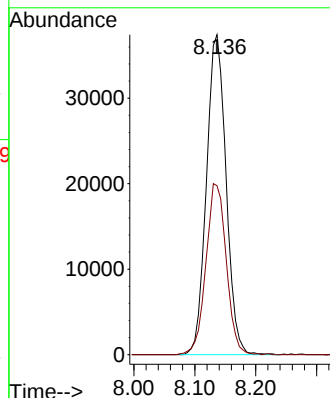
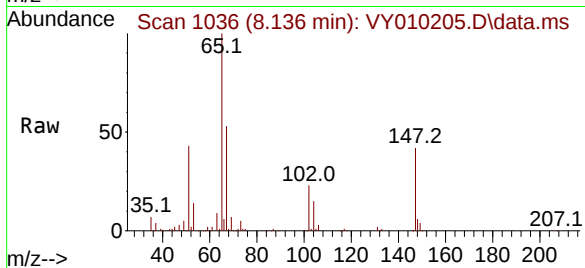
SU-03-082322

Tgt Ion: 65 Resp: 83700

Ion Ratio Lower Upper

65 100

67 55.4 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: VY010205.D

Acq: 25 Aug 2022 14:13

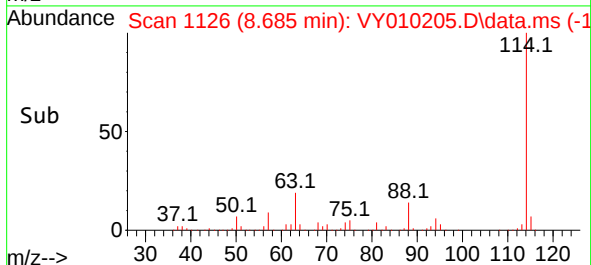
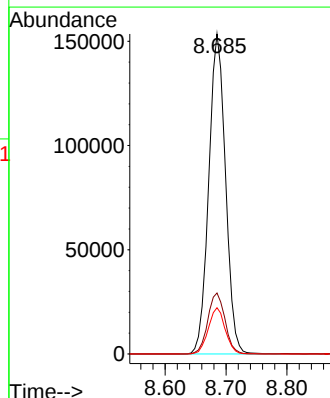
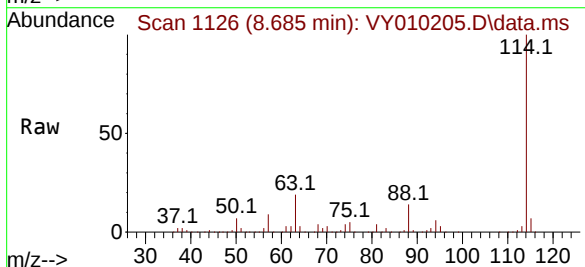
Tgt Ion:114 Resp: 293689

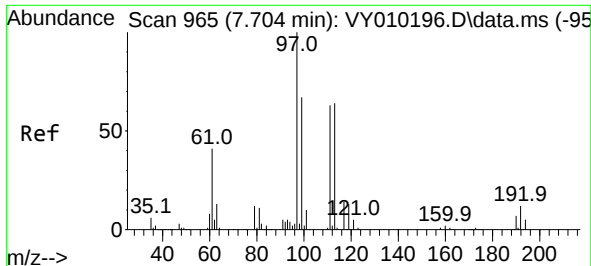
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.4 0.0 31.8

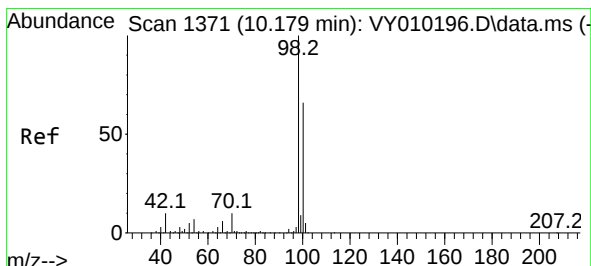
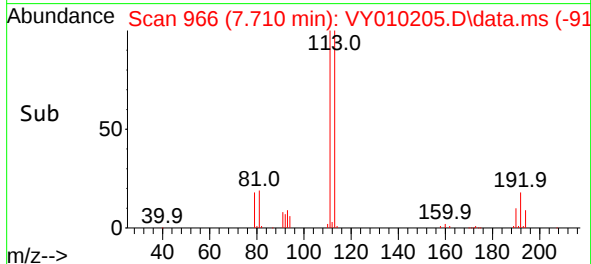
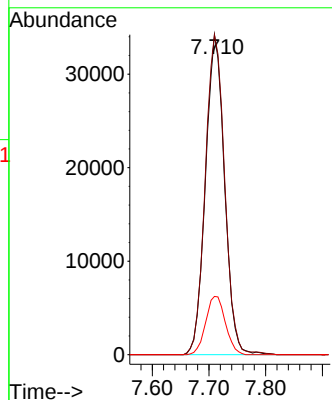
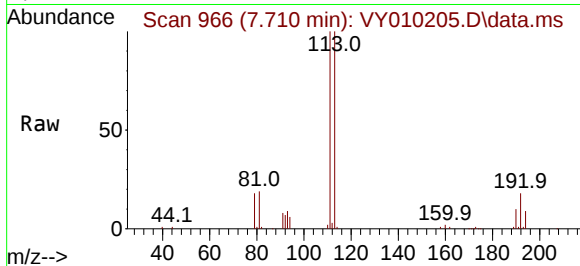




#35
 Dibromofluoromethane
 Concen: 41.371 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY010205.D
 Acq: 25 Aug 2022 14:13

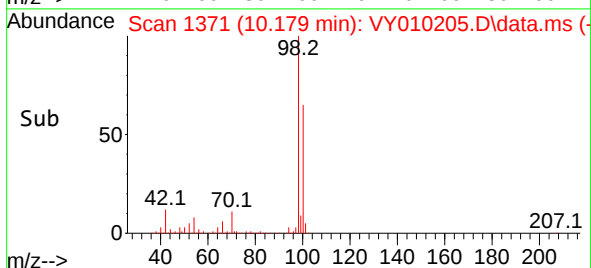
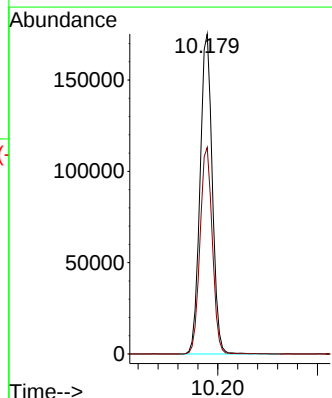
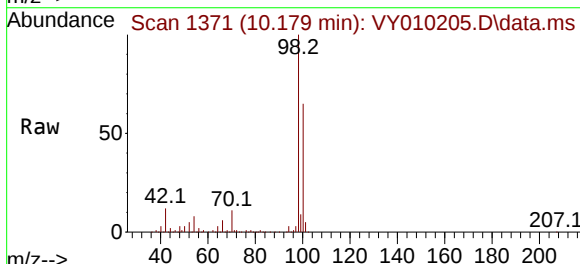
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-082322

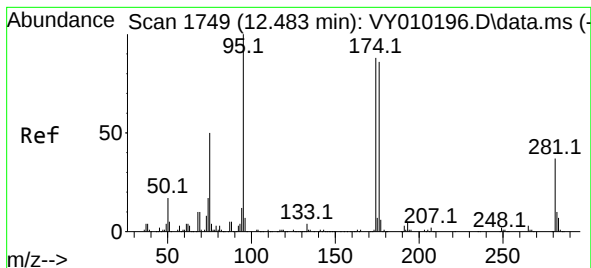
Tgt Ion:113 Resp: 79664
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 124.0
 192 18.9 17.6 26.4



#50
 Toluene-d8
 Concen: 44.631 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY010205.D
 Acq: 25 Aug 2022 14:13

Tgt Ion: 98 Resp: 298245
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.2 75.2

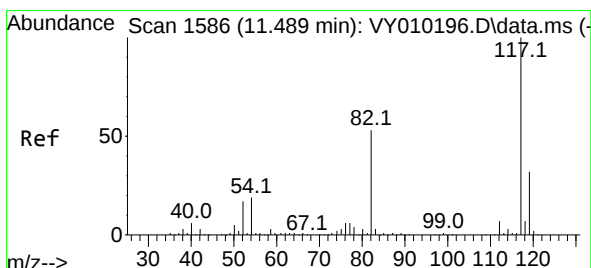
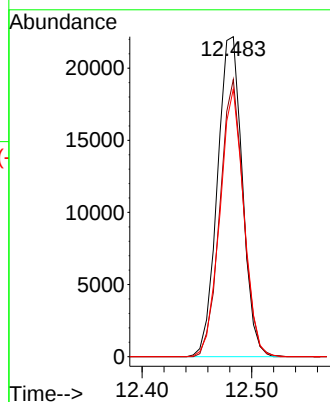
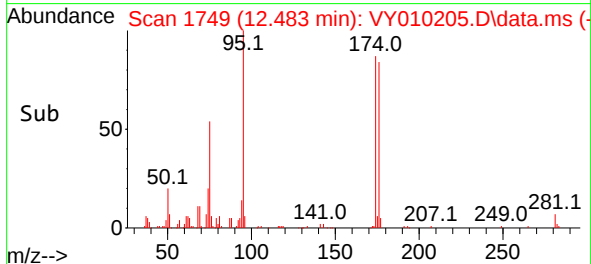
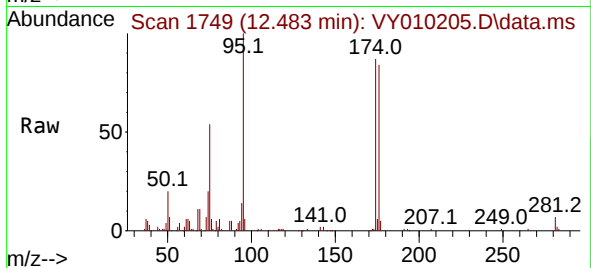




#62
4-Bromofluorobenzene
Concen: 13.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010205.D
Acq: 25 Aug 2022 14:13

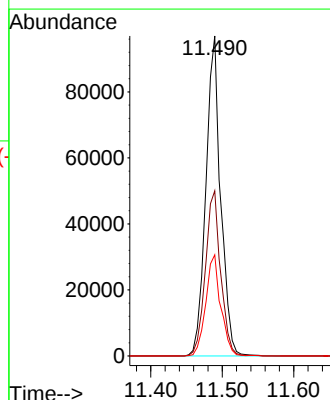
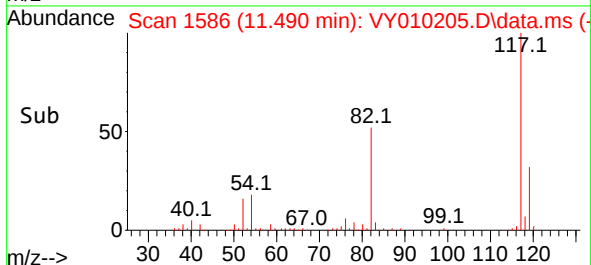
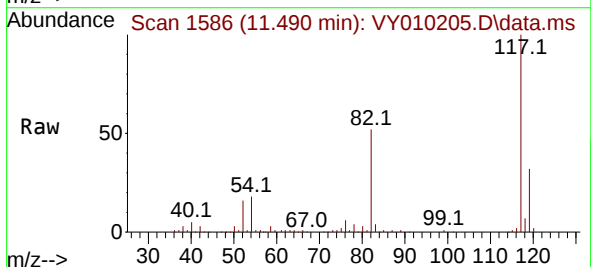
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SU-03-082322

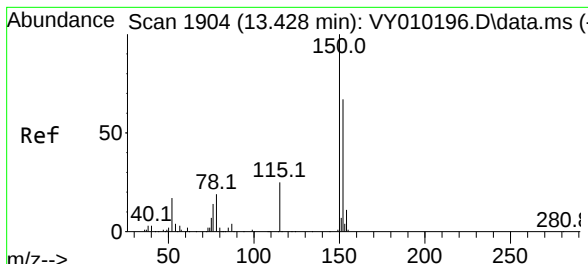
Tgt Ion: 95 Resp: 35001
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 80.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010205.D
Acq: 25 Aug 2022 14:13

Tgt Ion: 117 Resp: 139293
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010205.D
 Acq: 25 Aug 2022 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-082322

Tgt Ion:	152	Resp:	130959
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	156.0	0.0	347.6

