

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010482.D
 Acq On : 14 Sep 2022 14:02
 Operator : KP/MD
 Sample : N4572-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Quant Time: Sep 14 15:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

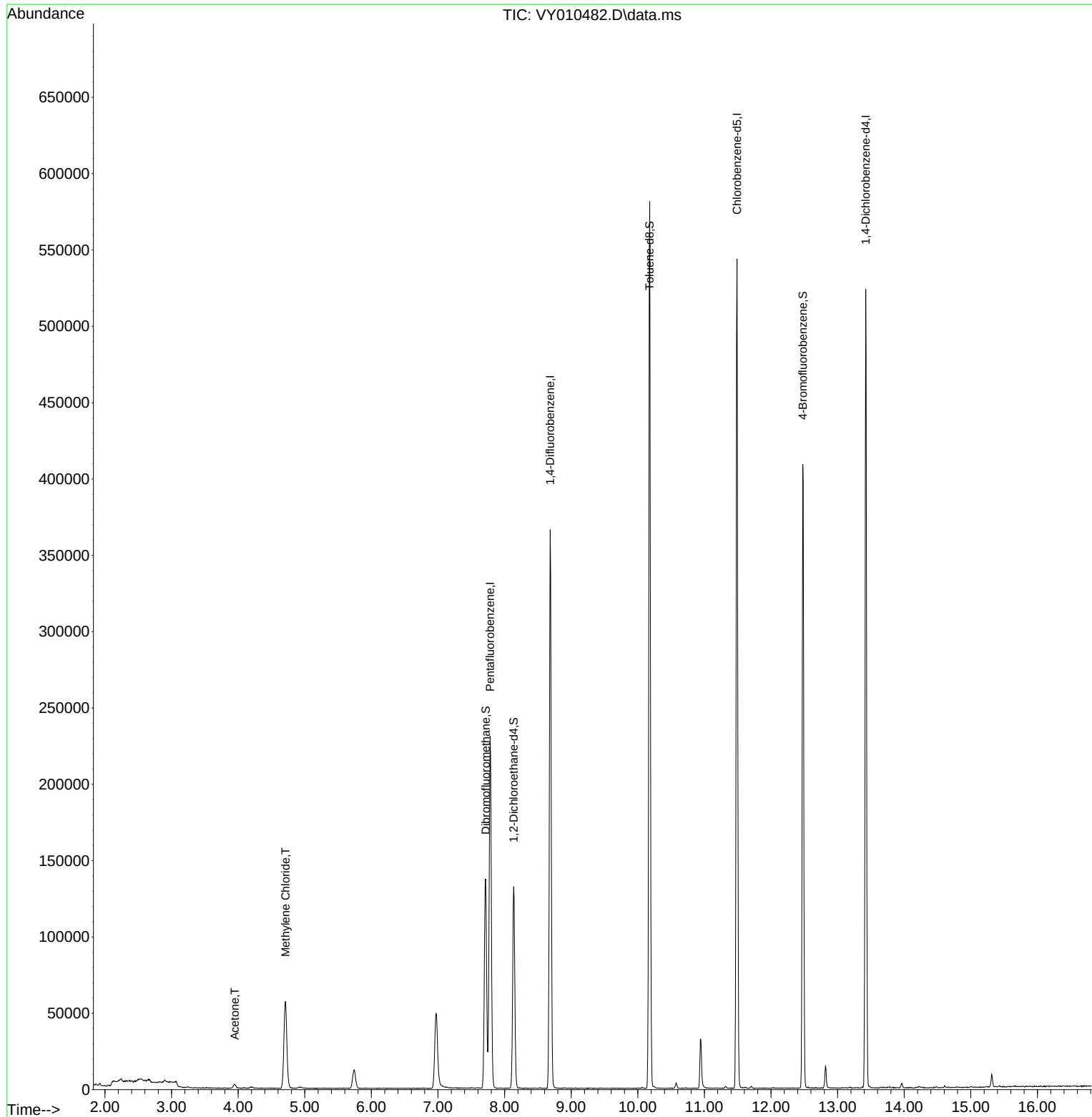
Internal Standards						
1) Pentafluorobenzene	7.783	168	180991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103100	56.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.120%
35) Dibromofluoromethane	7.716	113	98624	44.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.560%
50) Toluene-d8	10.179	98	378395	52.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.477	95	127043	43.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.220%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	4788	11.445	ug/l	98
20) Methylene Chloride	4.710	84	44437	17.466	ug/l	86

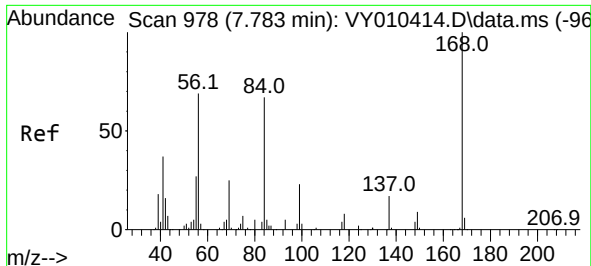
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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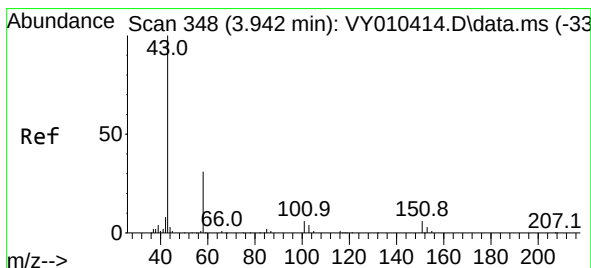
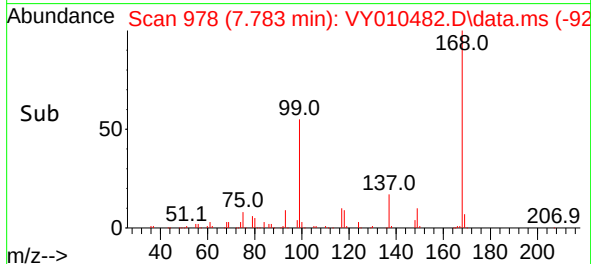
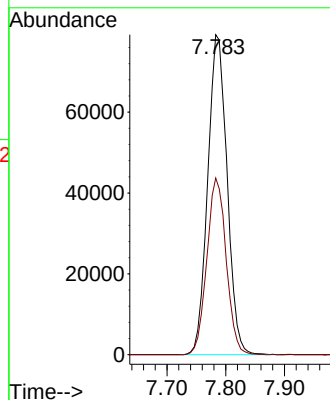
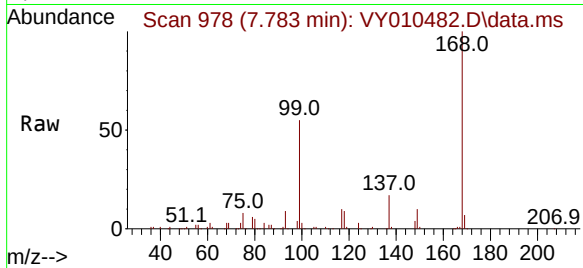




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

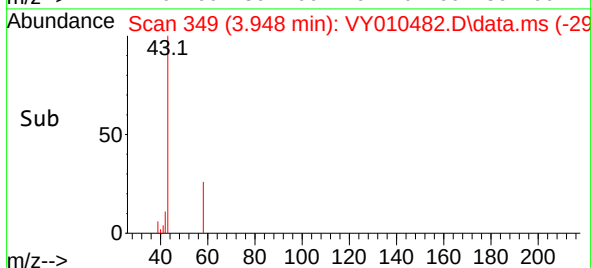
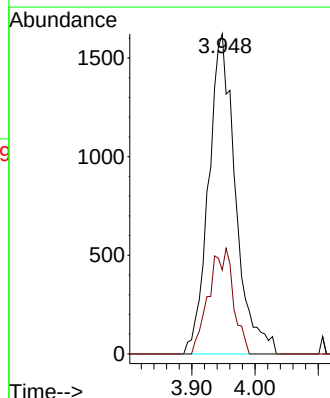
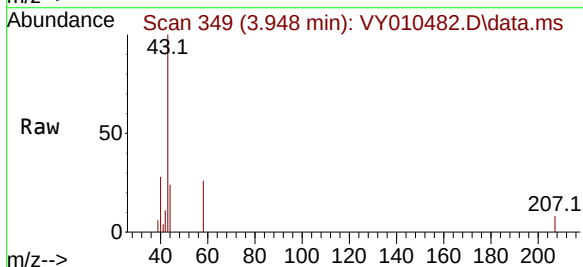
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

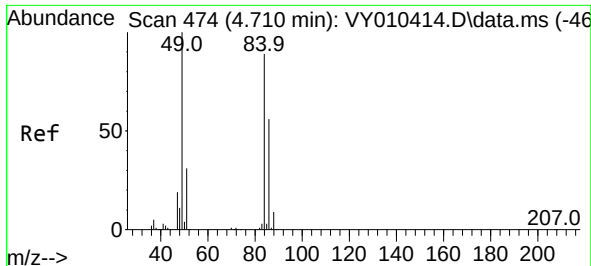
Tgt Ion:168 Resp: 180991
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#16
Acetone
Concen: 11.445 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

Tgt Ion: 43 Resp: 4788
Ion Ratio Lower Upper
43 100
58 26.2 22.0 33.0

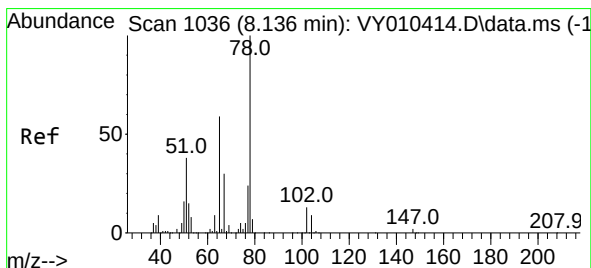
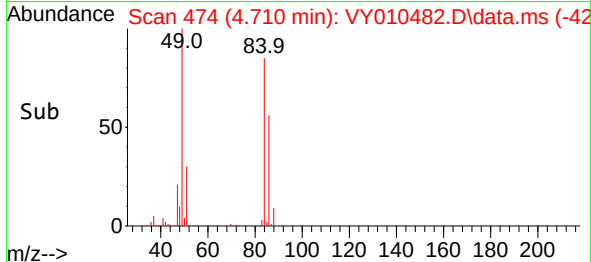
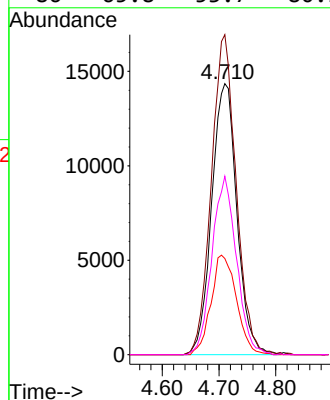
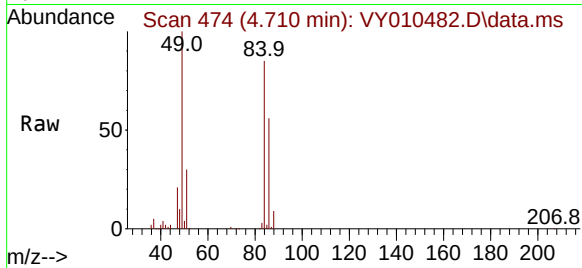




#20
Methylene Chloride
Concen: 17.466 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

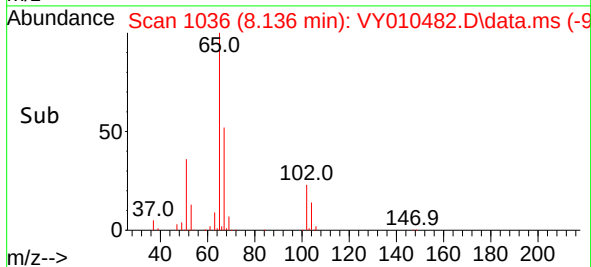
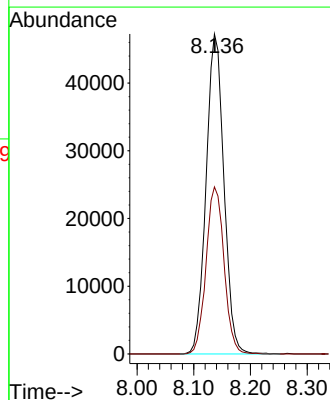
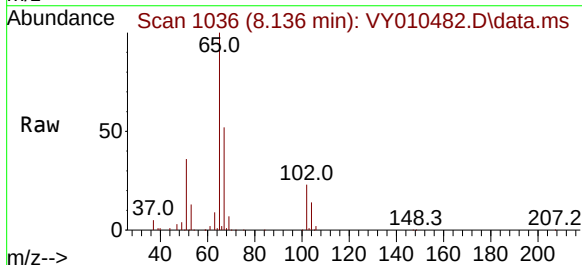
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

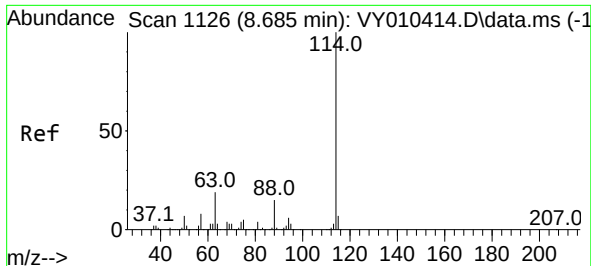
Tgt Ion:	84	Resp:	44437
Ion	Ratio	Lower	Upper
84	100		
49	118.1	114.4	171.6
51	35.5	35.3	52.9
86	65.8	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 56.559 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

Tgt Ion:	65	Resp:	103100
Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VY010482.D

Acq: 14 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

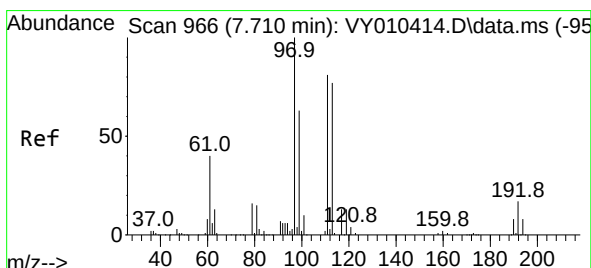
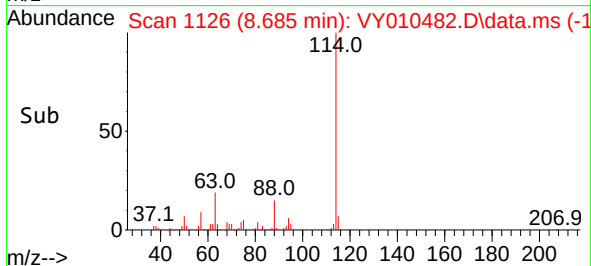
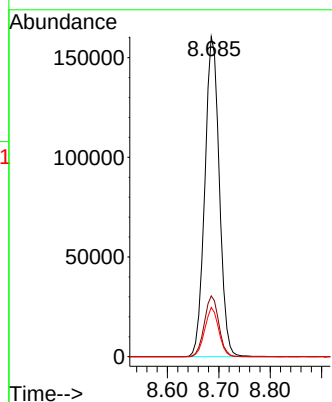
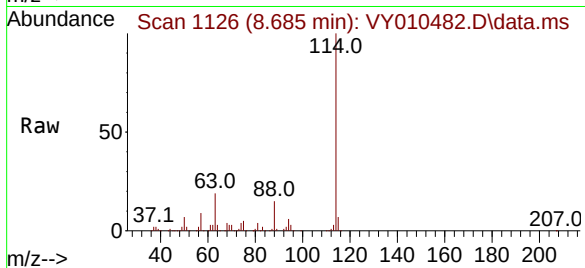
Tgt Ion:114 Resp: 313644

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.275 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010482.D

Acq: 14 Sep 2022 14:02

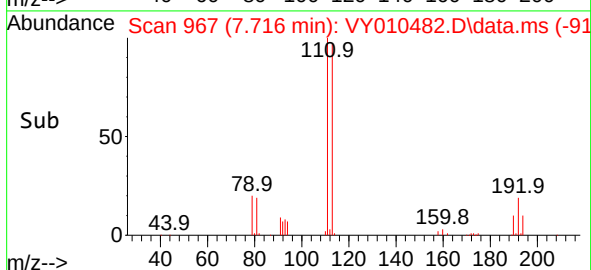
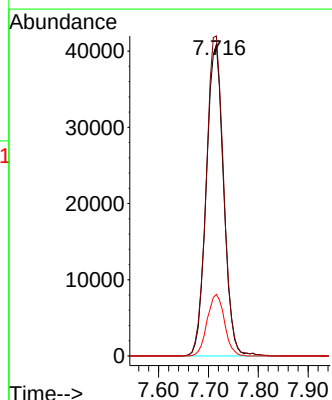
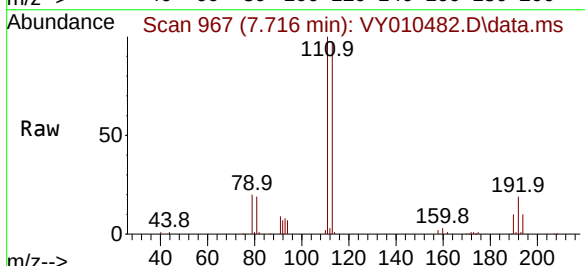
Tgt Ion:113 Resp: 98624

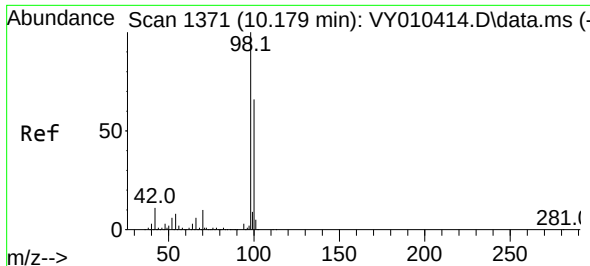
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.7 17.6 26.4

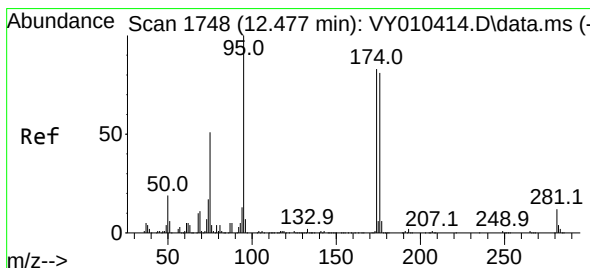
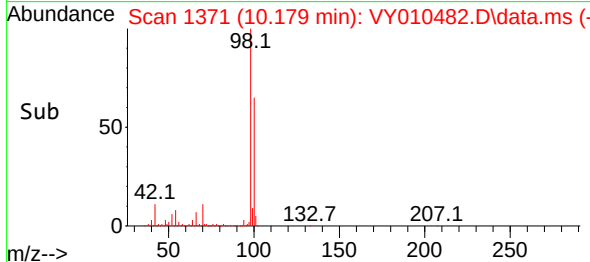
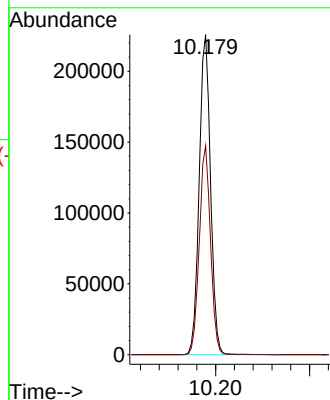
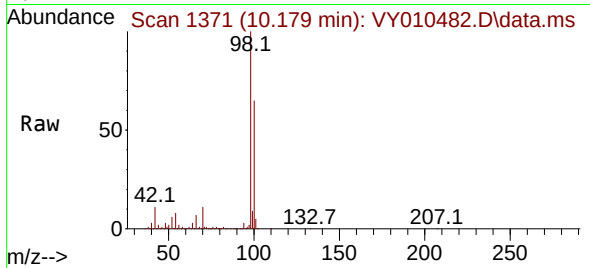




#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

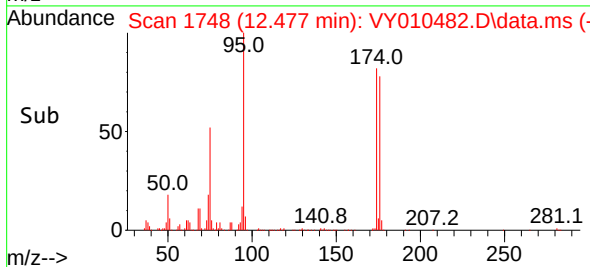
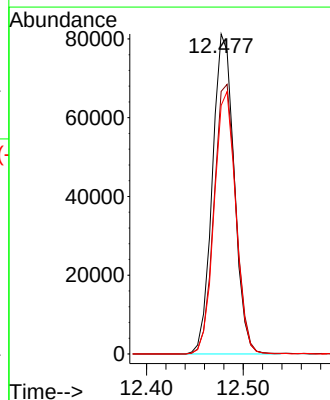
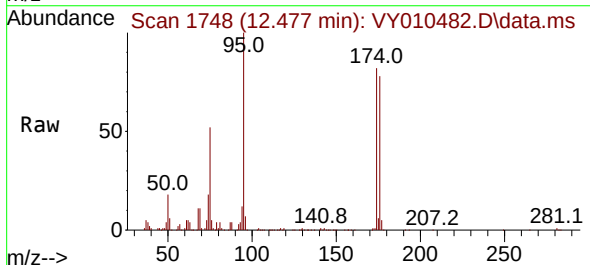
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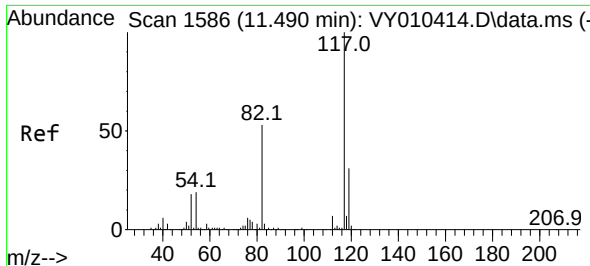
Tgt Ion: 98 Resp: 378395
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.610 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

Tgt Ion: 95 Resp: 127043
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.3 0.0 175.8

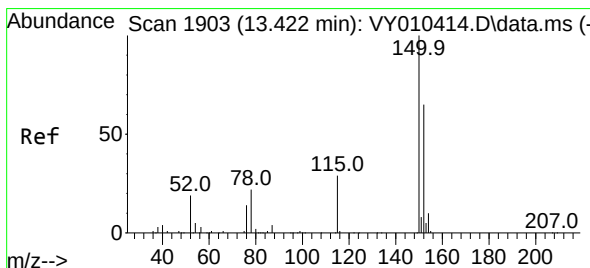
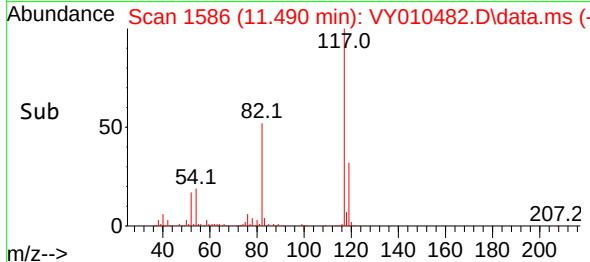
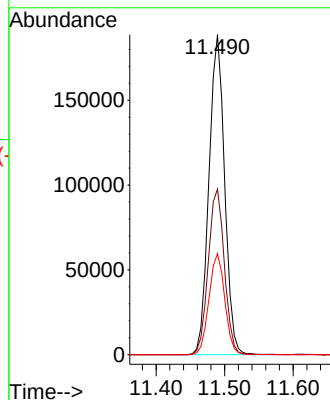
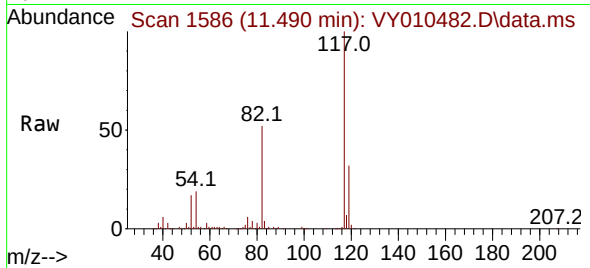




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

Tgt Ion:117 Resp: 299728
Ion Ratio Lower Upper
117 100
82 51.8 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. 0.000 min
Lab File: VY010482.D
Acq: 14 Sep 2022 14:02

Tgt Ion:152 Resp: 134076
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.7 0.0 347.6

