

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010876.D
 Acq On : 07 Oct 2022 16:50
 Operator : KP/MD
 Sample : N5046-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-4

Quant Time: Oct 08 04:47:54 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)

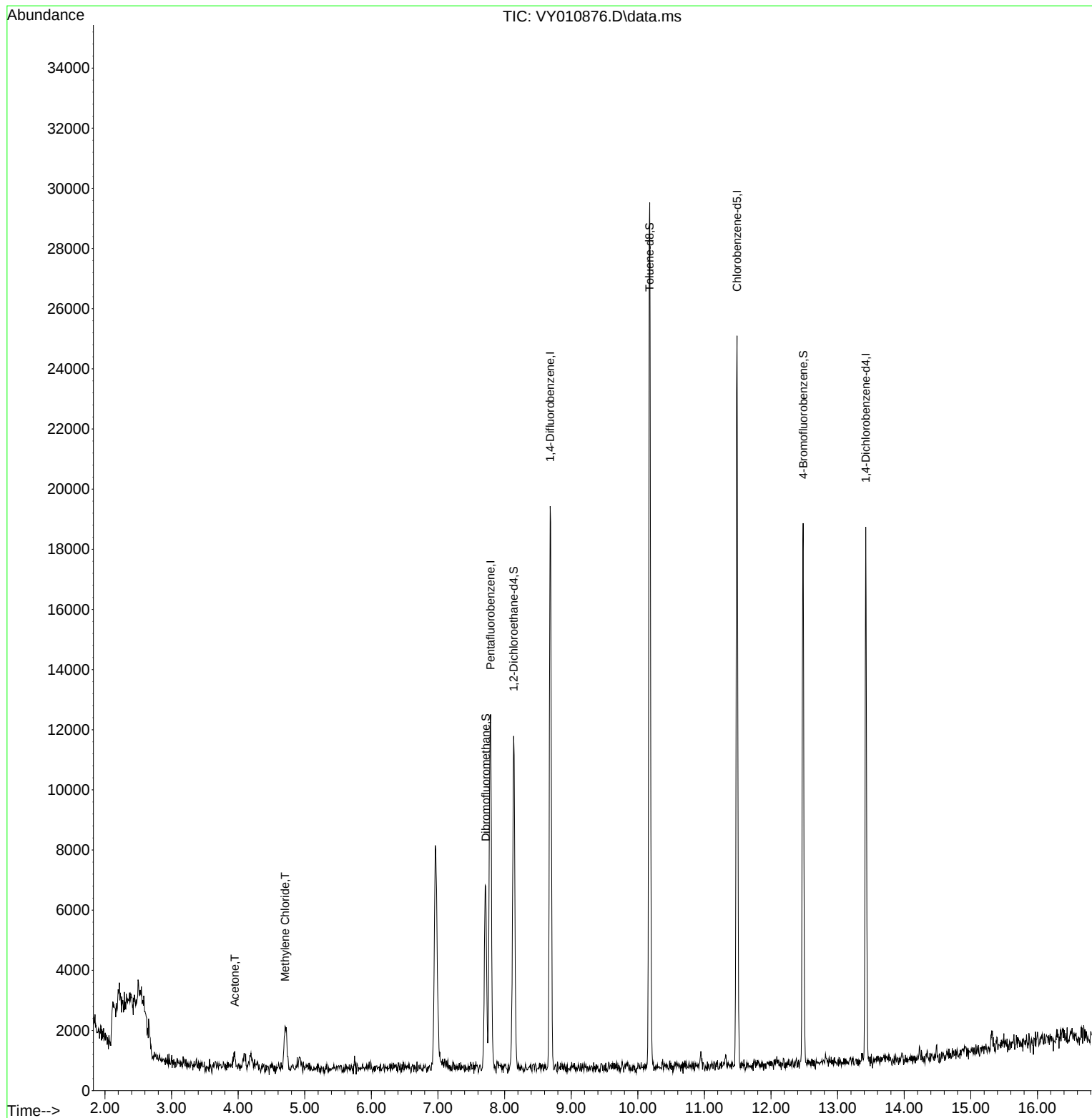
Internal Standards						
1) Pentafluorobenzene	7.789	168	9879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	16666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8266	82.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.100%#	
35) Dibromofluoromethane	7.716	113	4520	40.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.720%	
50) Toluene-d8	10.179	98	20658	54.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.200%	
62) 4-Bromofluorobenzene	12.483	95	5466	35.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.900%	
Target Compounds						Qvalue
16) Acetone	3.948	43	758	29.805	ug/l #	64
20) Methylene Chloride	4.704	84	1264	6.835	ug/l #	70

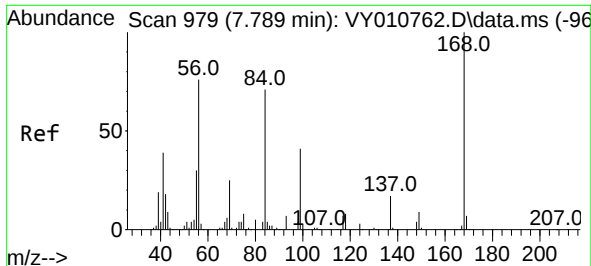
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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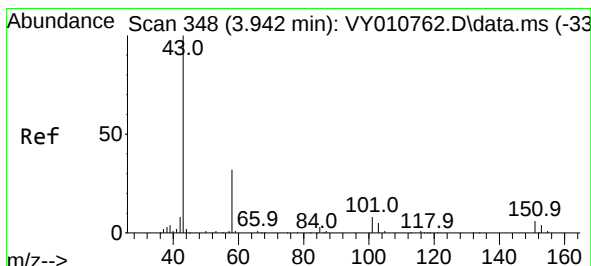
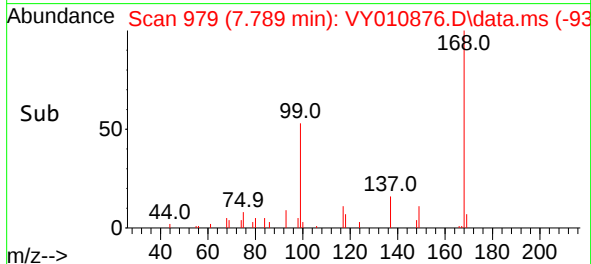
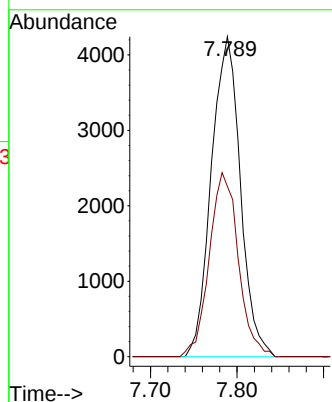
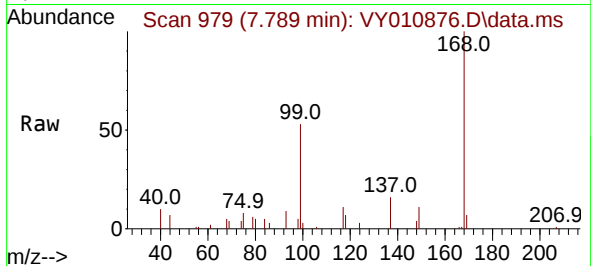




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

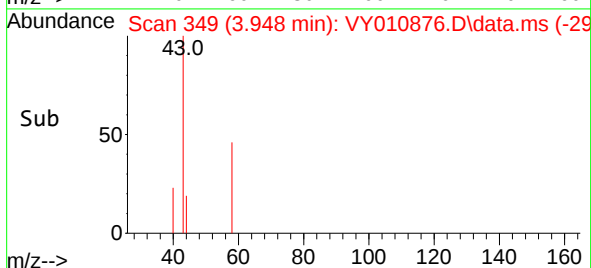
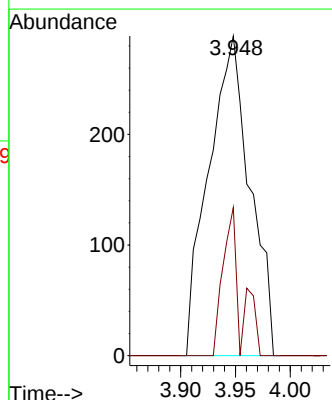
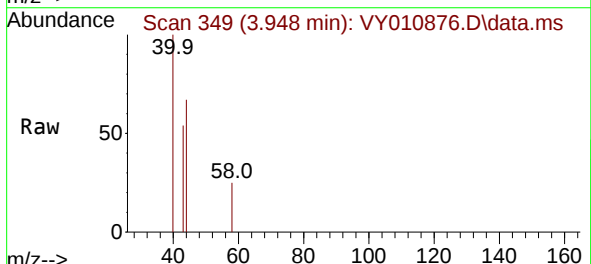
Instrument :
MSVOA_Y
ClientSampleId :
R-4

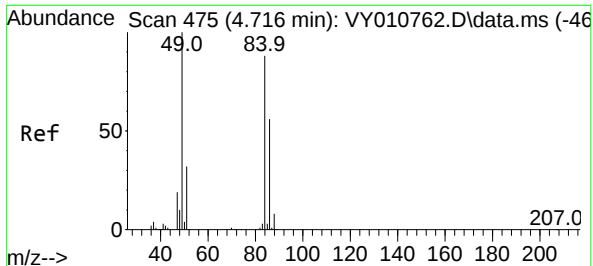
Tgt Ion:168 Resp: 9879
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 29.805 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 46.4 22.0 33.0#

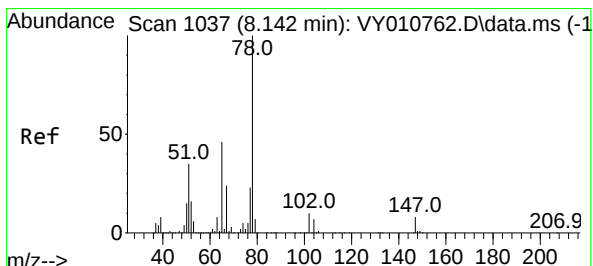
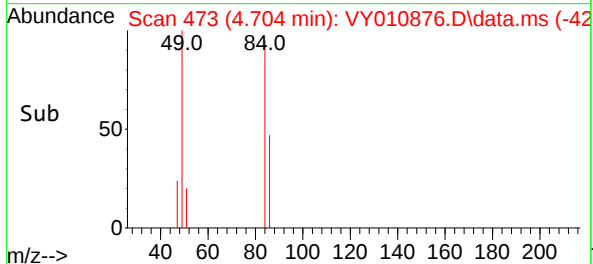
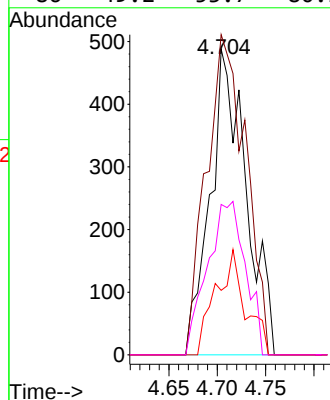
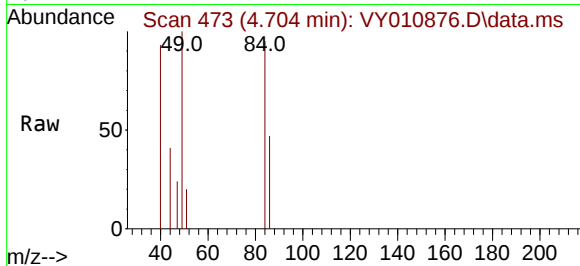




#20
Methylene Chloride
Concen: 6.835 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

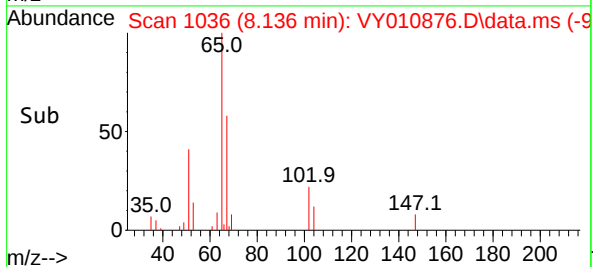
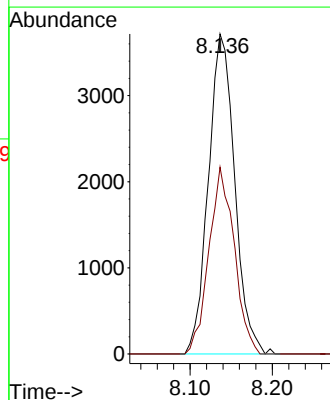
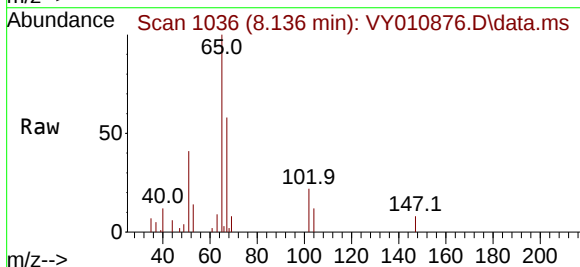
Instrument :
MSVOA_Y
ClientSampleId :
R-4

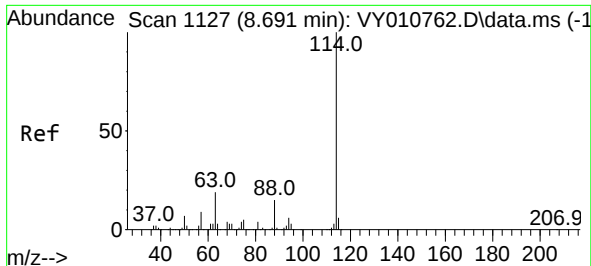
Tgt Ion:	84	Resp:	1264
Ion	Ratio	Lower	Upper
84	100		
49	104.7	114.4	171.6#
51	21.1	35.3	52.9#
86	49.2	53.7	80.5#



#33
1,2-Dichloroethane-d4
Concen: 82.548 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

Tgt Ion:	65	Resp:	8266
Ion	Ratio	Lower	Upper
65	100		
67	56.2	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: VY010876.D

Acq: 07 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

R-4

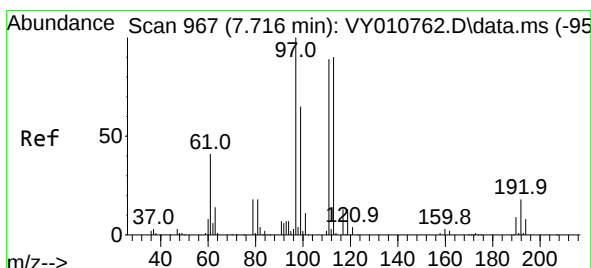
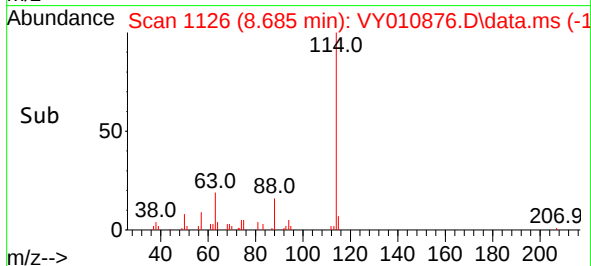
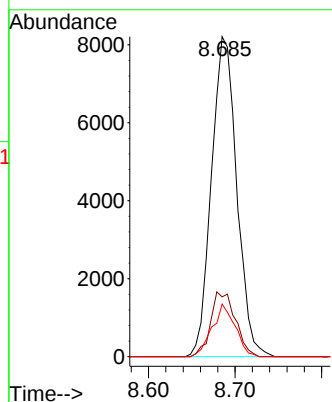
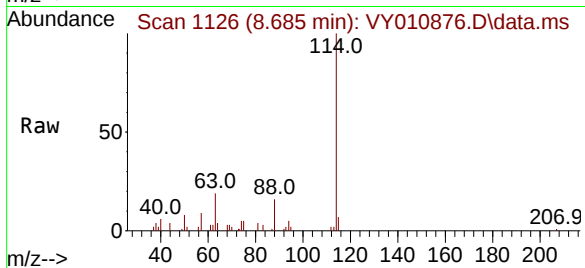
Tgt Ion:114 Resp: 16666

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 16.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.857 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010876.D

Acq: 07 Oct 2022 16:50

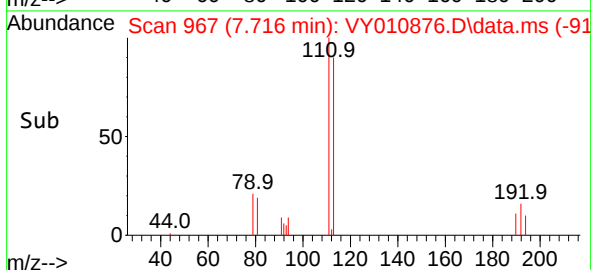
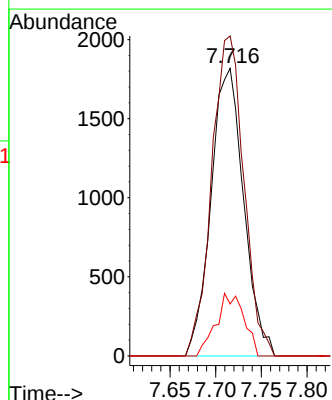
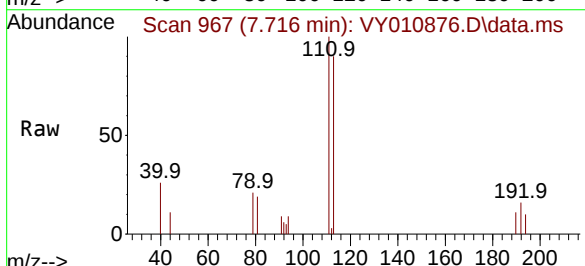
Tgt Ion:113 Resp: 4520

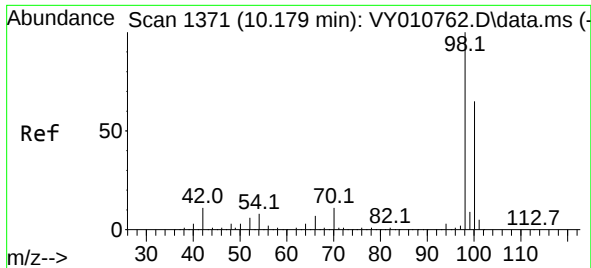
Ion Ratio Lower Upper

113 100

111 109.5 82.6 124.0

192 18.6 17.6 26.4

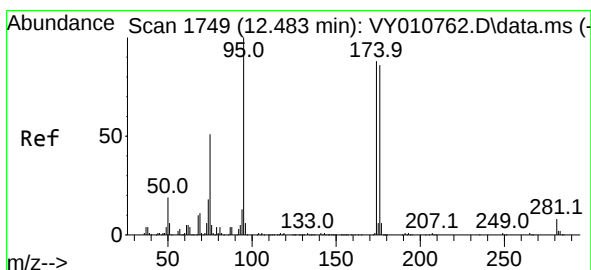
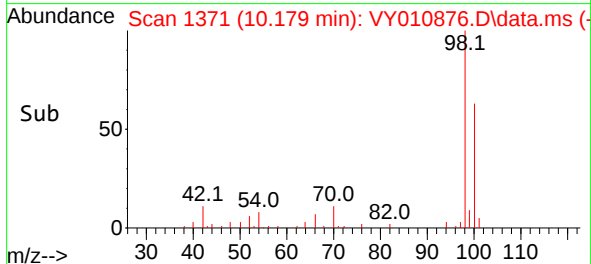
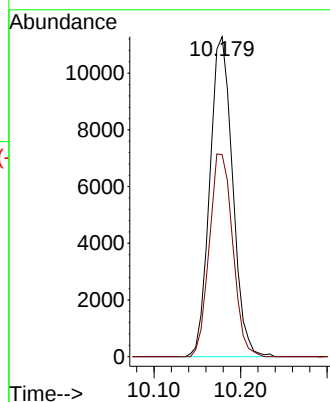
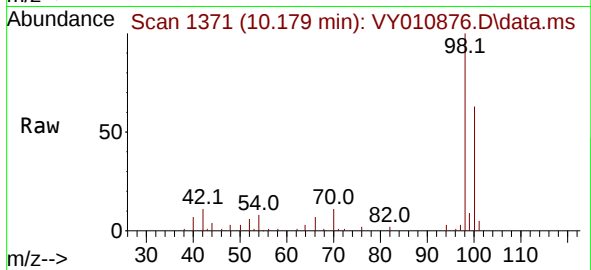




#50
Toluene-d8
Concen: 54.601 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

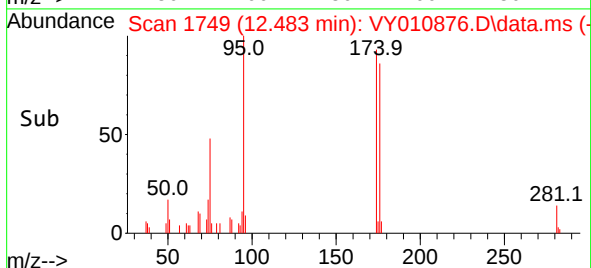
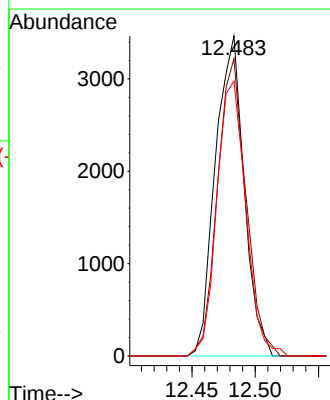
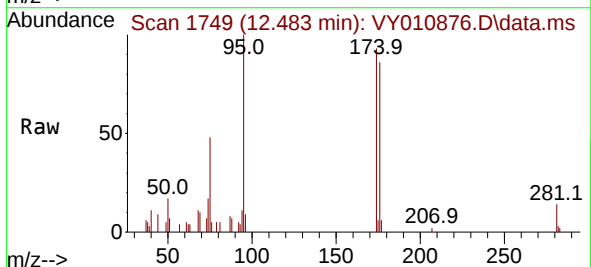
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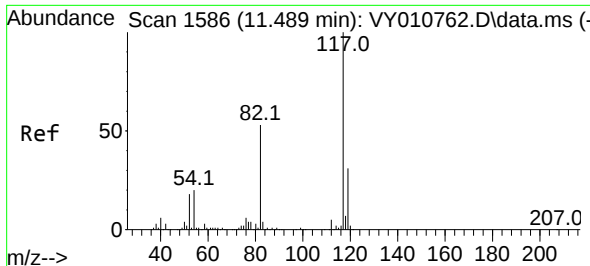
Tgt Ion: 98 Resp: 20658
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

Tgt Ion: 95 Resp: 5466
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 86.6 0.0 175.8

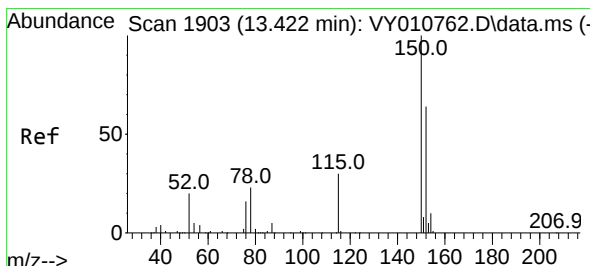
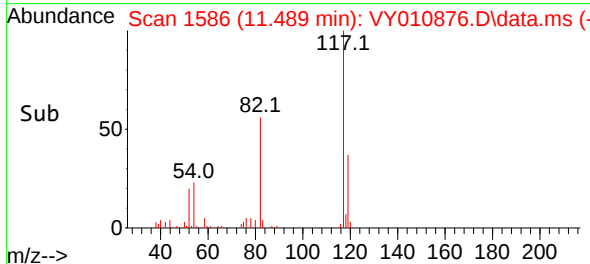
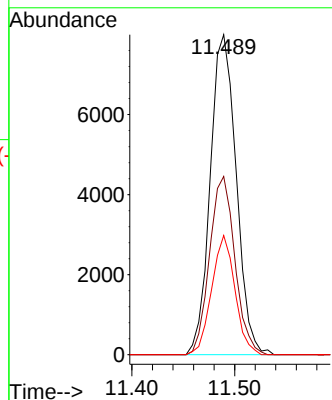
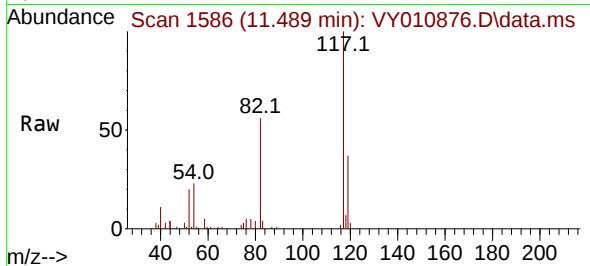




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010876.D
Acq: 07 Oct 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
R-4

Tgt Ion:117	Resp:	14027
Ion	Ratio	Lower Upper
117	100	
82	55.7	43.0 64.4
119	37.3	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: VY010876.D
Acq: 07 Oct 2022 16:50

Tgt Ion:152	Resp:	4555
Ion	Ratio	Lower Upper
152	100	
115	58.6	28.2 84.7
150	169.6	0.0 347.6

