

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015924.D
 Acq On : 11 Oct 2023 15:21
 Operator : SY/MD
 Sample : 04753-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Oct 11 16:39:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

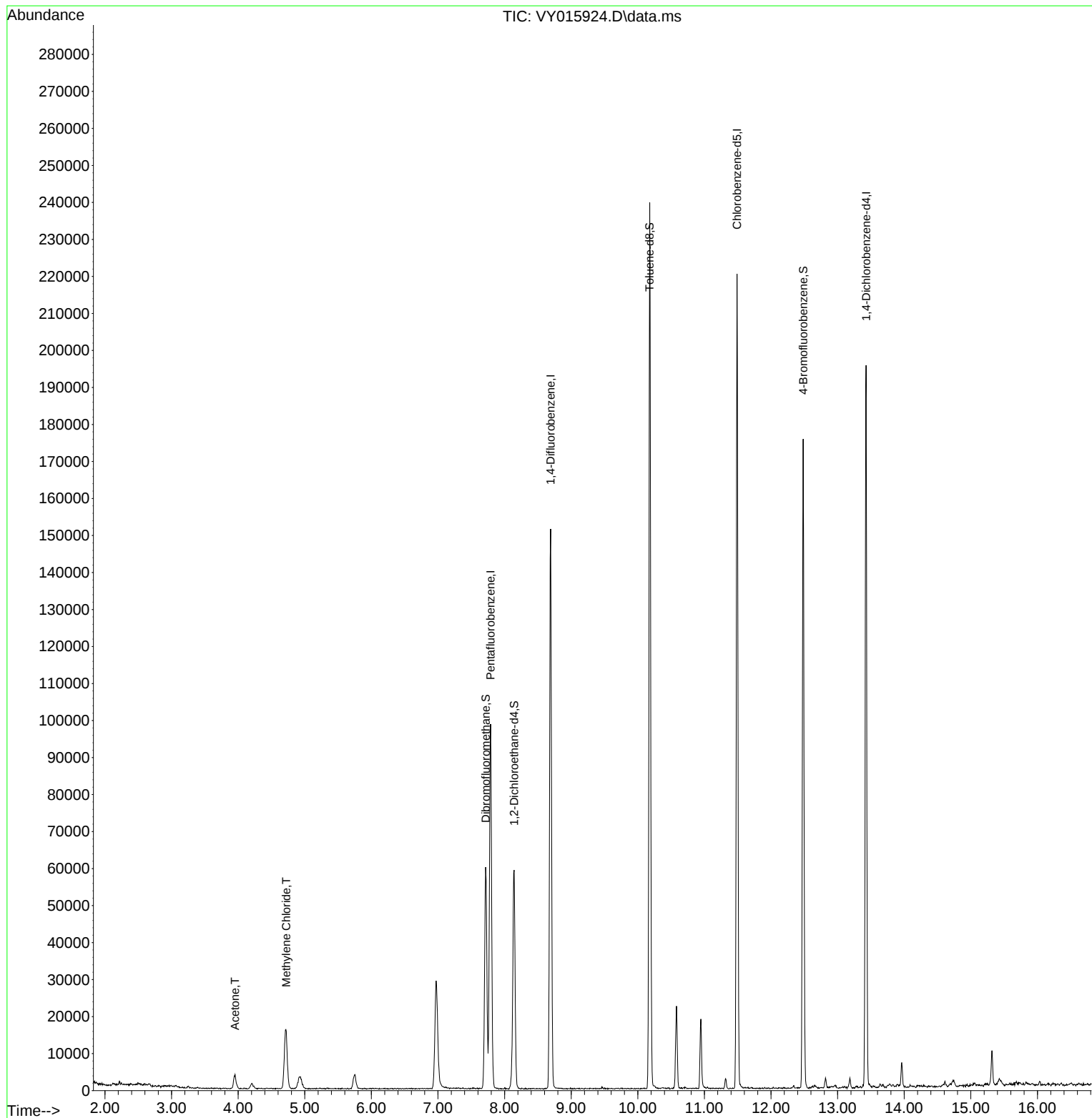
Internal Standards						
1) Pentafluorobenzene	7.789	168	78503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	133200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44788	63.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.820%	
35) Dibromofluoromethane	7.715	113	43509	58.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.120%	
50) Toluene-d8	10.178	98	156106	63.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.500%	
62) 4-Bromofluorobenzene	12.483	95	50121	50.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	6374	23.851	ug/l #	76
20) Methylene Chloride	4.722	84	12647	9.592	ug/l	88

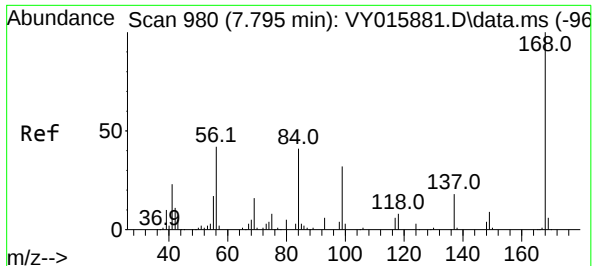
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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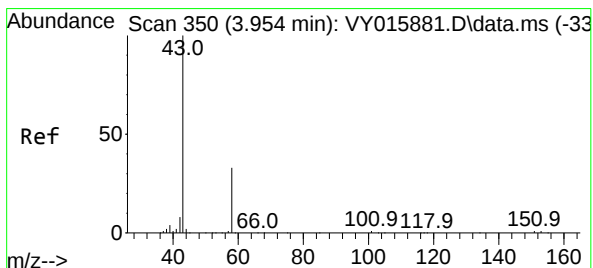
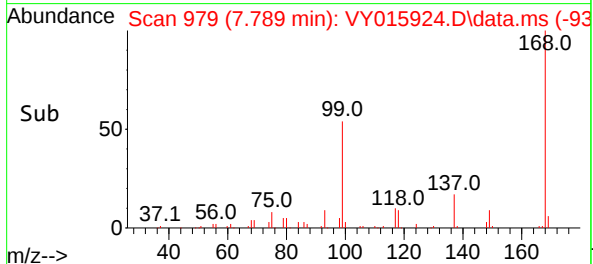
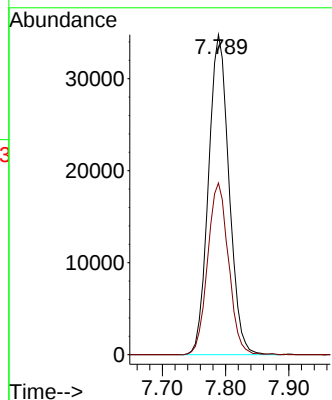
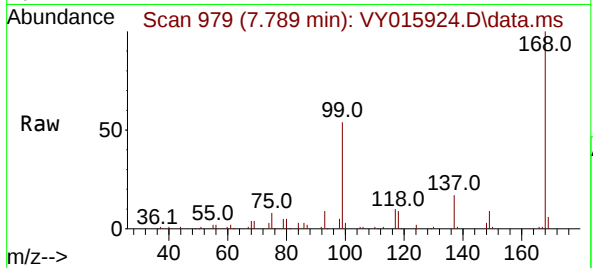




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015924.D
Acq: 11 Oct 2023 15:21

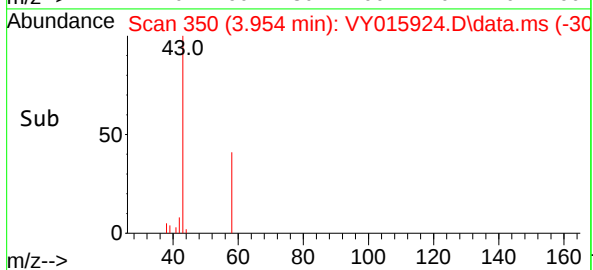
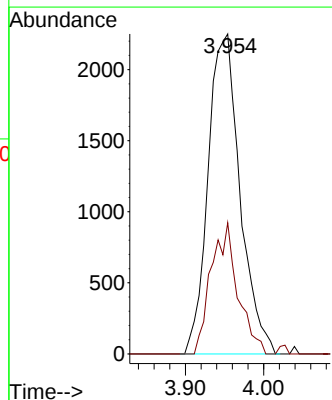
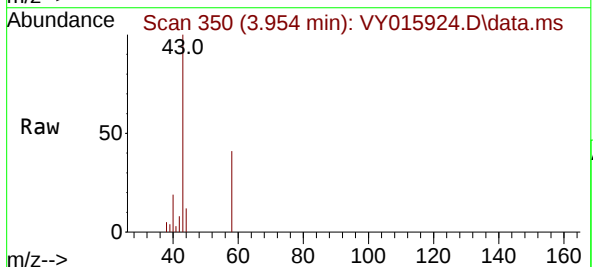
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

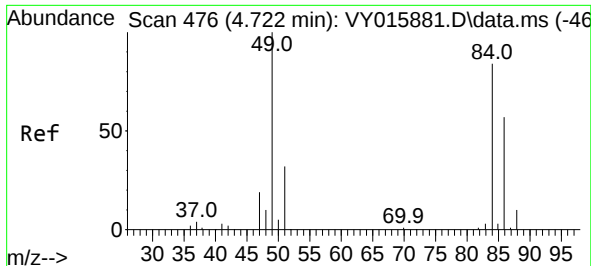
Tgt Ion:168 Resp: 78503
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 23.851 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY015924.D
Acq: 11 Oct 2023 15:21

Tgt Ion: 43 Resp: 6374
Ion Ratio Lower Upper
43 100
58 41.0 22.7 34.1#

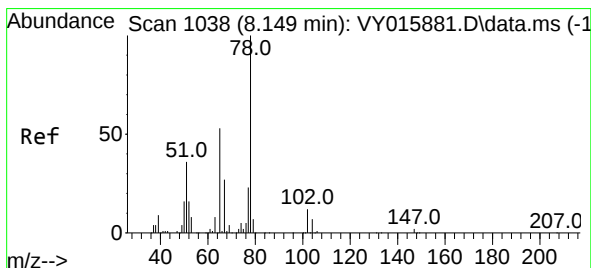
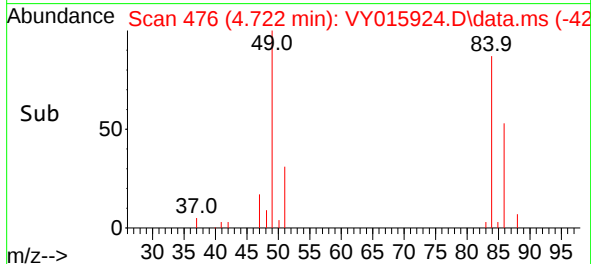
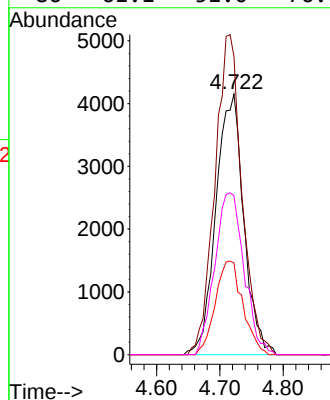
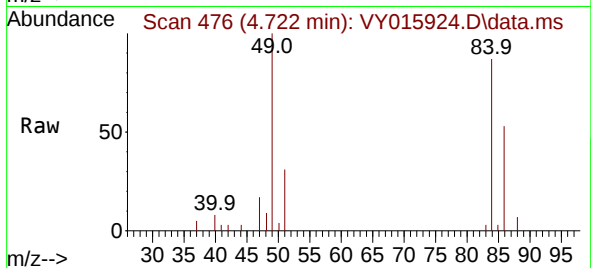




#20
Methylene Chloride
Concen: 9.592 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015924.D
Acq: 11 Oct 2023 15:21

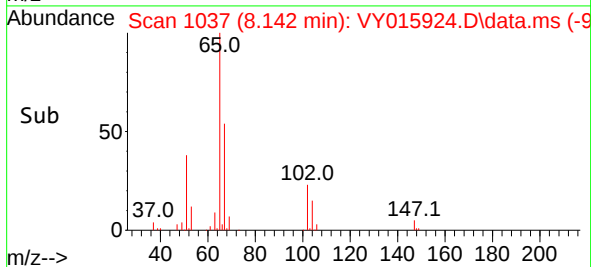
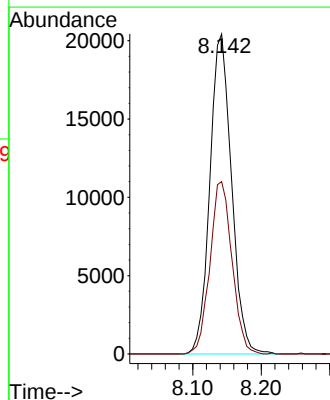
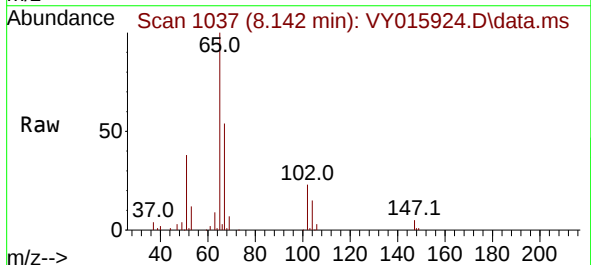
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

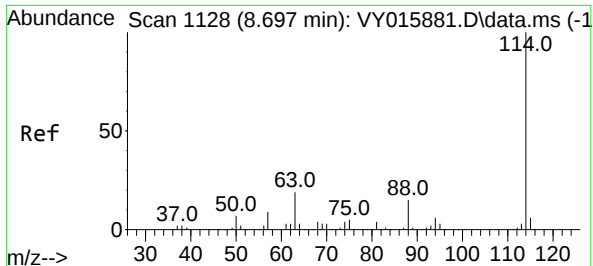
Tgt Ion: 84	Resp: 12647		
Ion	Ratio	Lower	Upper
84	100		
49	114.4	106.9	160.3
51	35.3	33.2	49.8
86	61.1	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 63.406 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015924.D
Acq: 11 Oct 2023 15:21

Tgt Ion: 65	Resp: 44788
Ion Ratio	Lower Upper
65 100	
67 54.9	0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015924.D

Acq: 11 Oct 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

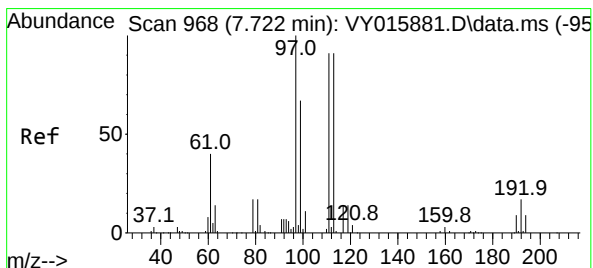
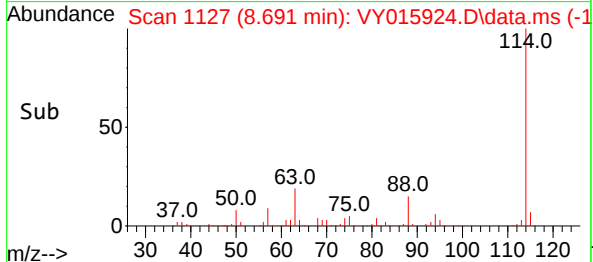
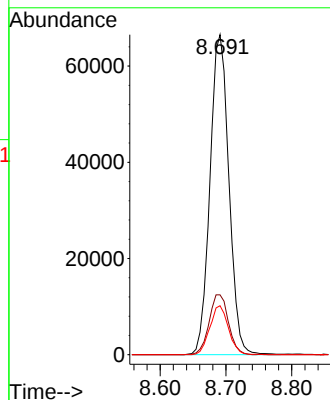
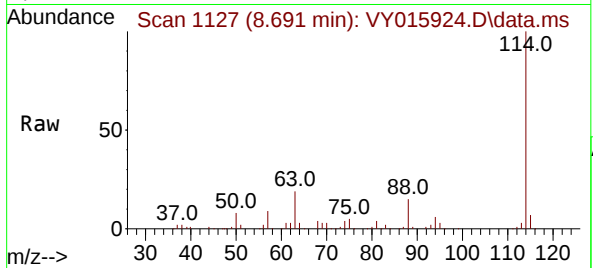
Tgt Ion:114 Resp: 133200

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.562 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015924.D

Acq: 11 Oct 2023 15:21

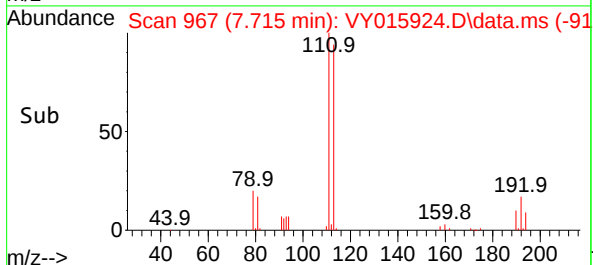
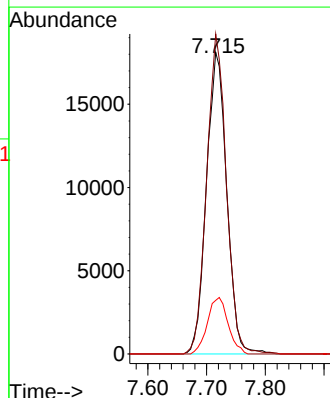
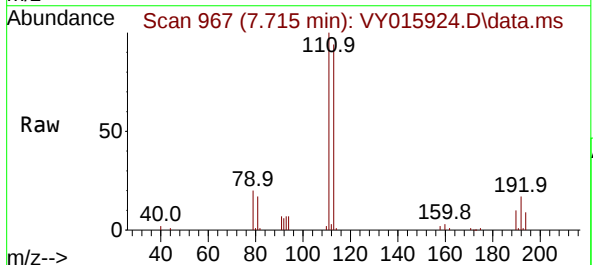
Tgt Ion:113 Resp: 43509

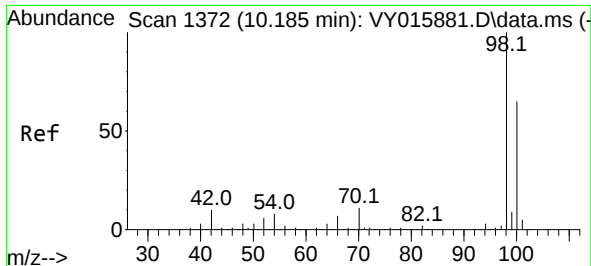
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.1 16.9 25.3

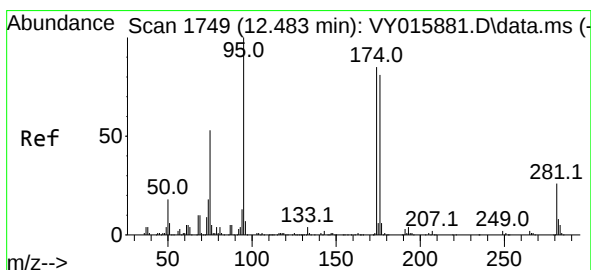
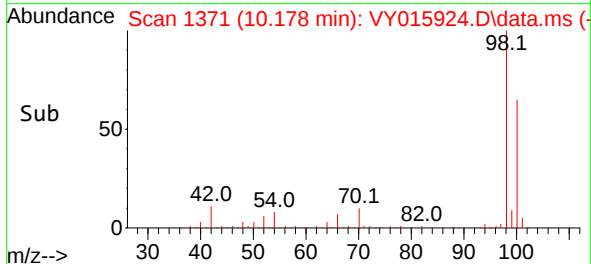
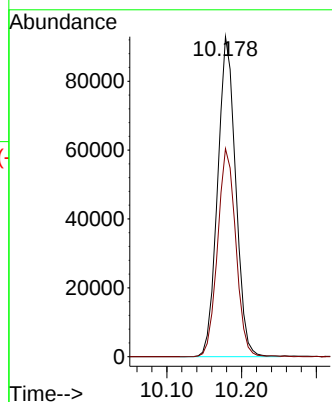
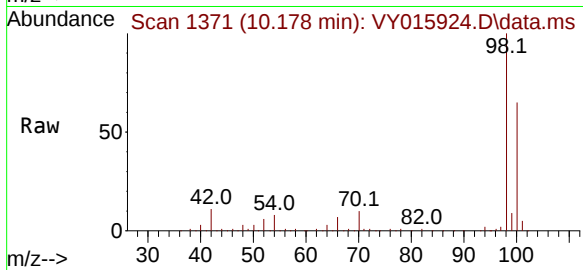




#50
Toluene-d8
Concen: 63.754 ug/l
RT: 10.178 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY015924.D
Acq: 11 Oct 2023 15:21

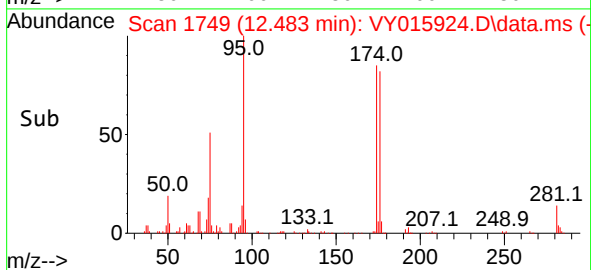
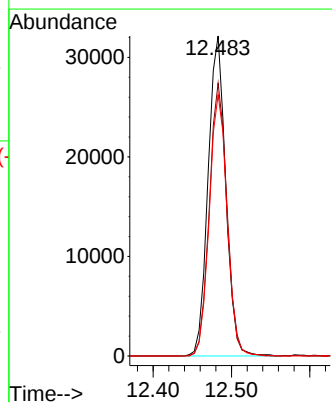
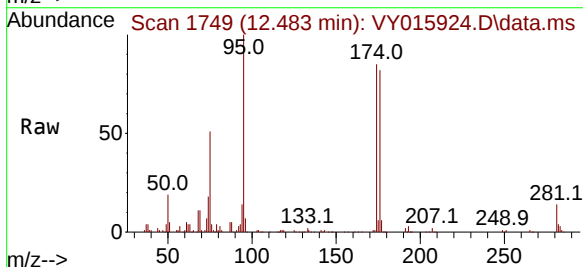
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

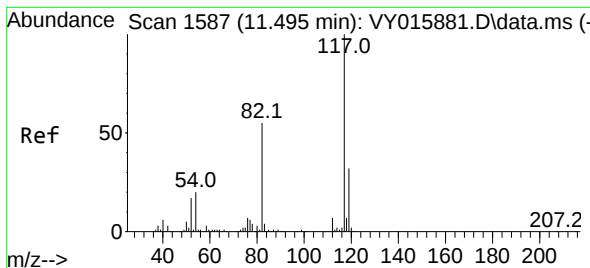
Tgt Ion: 98 Resp: 156106
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.396 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015924.D
Acq: 11 Oct 2023 15:21

Tgt Ion: 95 Resp: 50121
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015924.D

Acq: 11 Oct 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

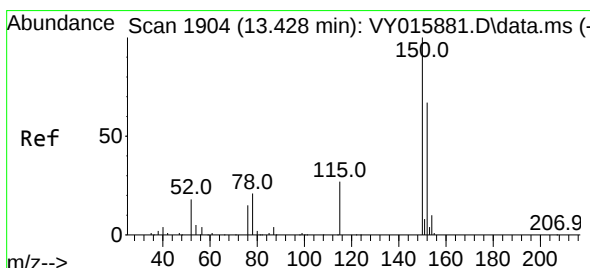
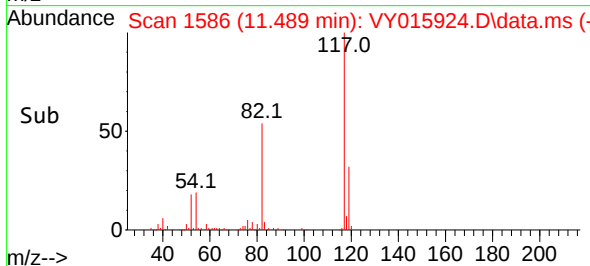
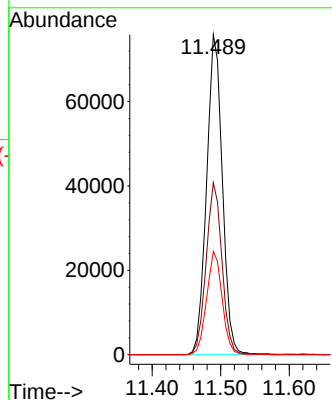
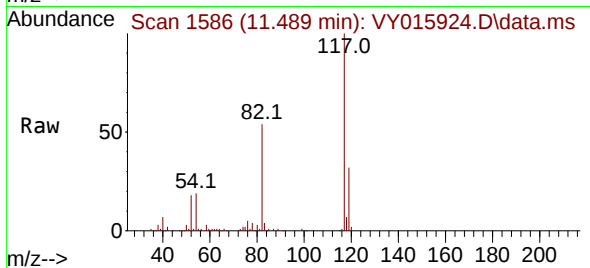
Tgt Ion:117 Resp: 121861

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY015924.D

Acq: 11 Oct 2023 15:21

Tgt Ion:152 Resp: 52134

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 155.7 0.0 348.8

