

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017212.D
 Acq On : 03 Feb 2024 03:42
 Operator : SY/MD
 Sample : P1345-02
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-278-IDWSO-20240201-2

Quant Time: Feb 03 04:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

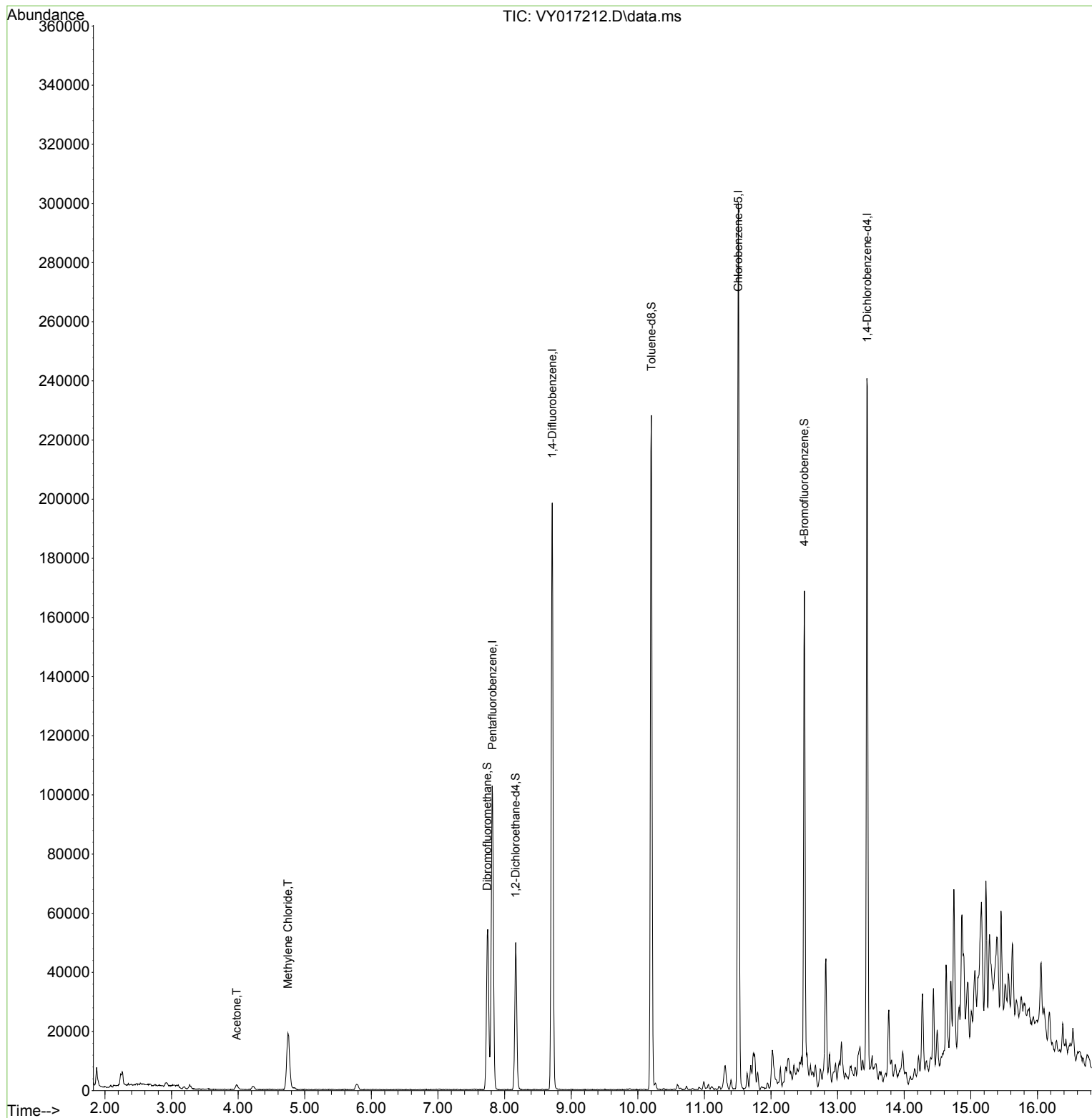
Internal Standards						
1) Pentafluorobenzene	7.819	168	78173	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	169504	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.507	117	166278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	59569	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	36072	51.653	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.740	113	40071	43.783	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.560%
50) Toluene-d8	10.203	98	149554	44.881	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.501	95	48556	44.483	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.960%
Target Compounds						
16) Acetone	3.978	43	3124	15.220	ug/l	92
20) Methylene Chloride	4.746	84	14647	14.969	ug/l	98

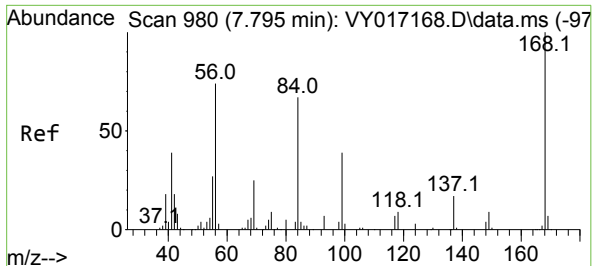
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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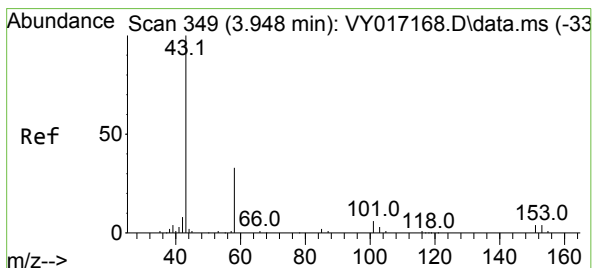
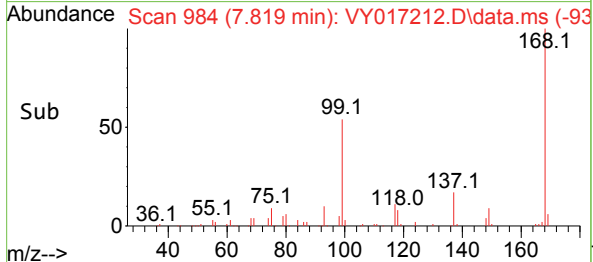
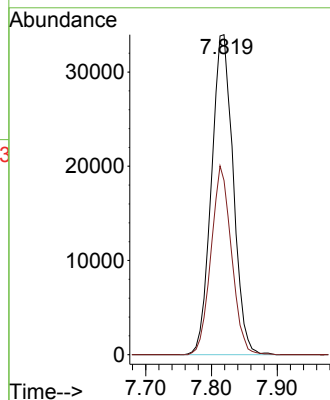
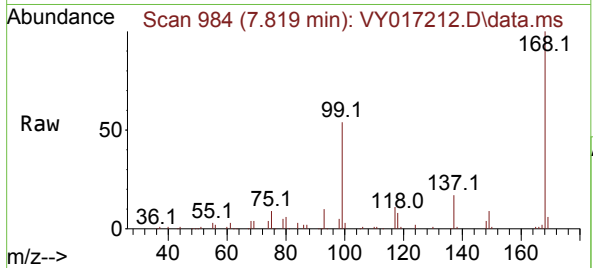




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017212.D
Acq: 03 Feb 2024 03:42

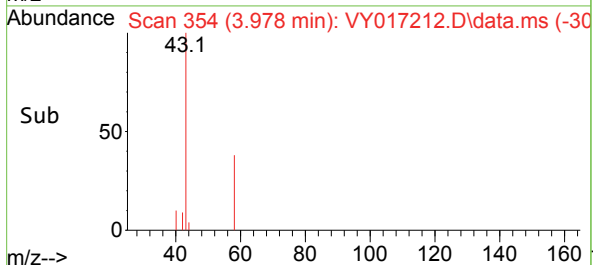
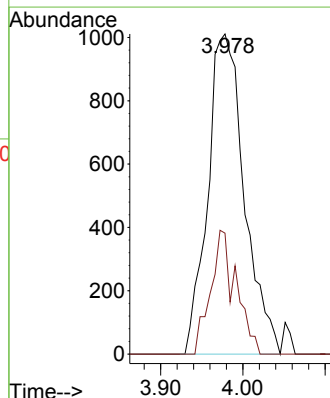
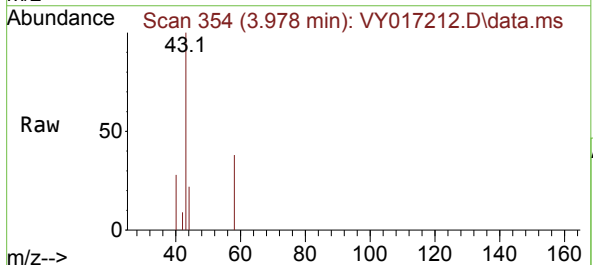
Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-2

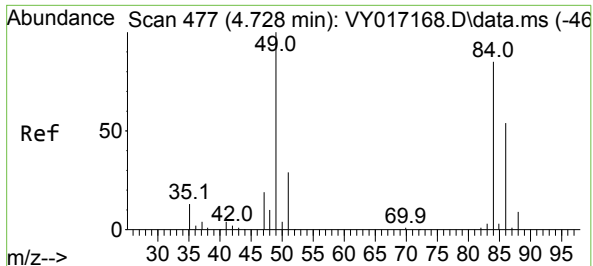
Tgt Ion:168 Resp: 78173
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#16
Acetone
Concen: 15.220 ug/l
RT: 3.978 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY017212.D
Acq: 03 Feb 2024 03:42

Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
58 37.8 26.6 39.8



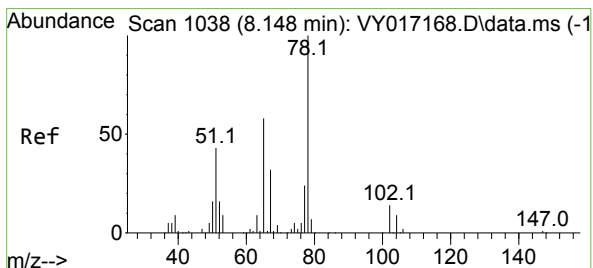
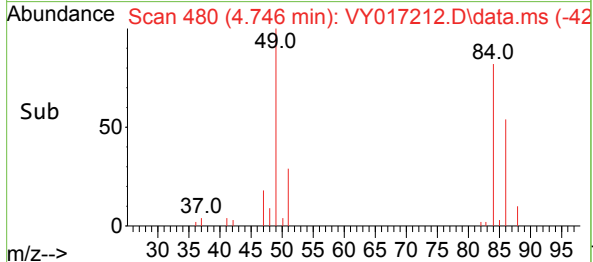
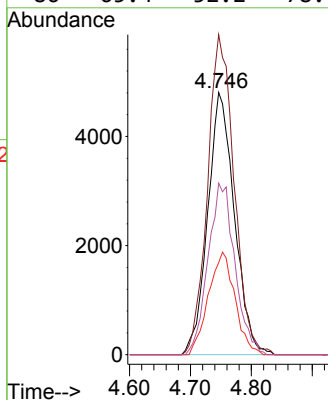
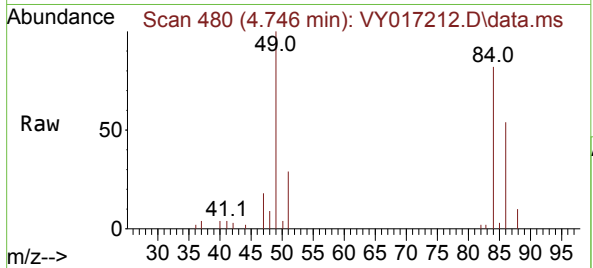


#20
Methylene Chloride
Concen: 14.969 ug/l
RT: 4.746 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY017212.D
Acq: 03 Feb 2024 03:42

Instrument :
MSVOA_Y
ClientSampleId :
TT-278-IDWSO-20240201-2

Tgt Ion: 84 Resp: 14647

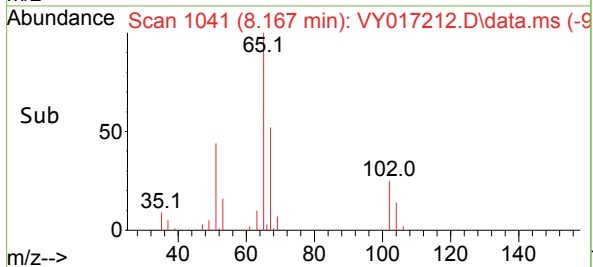
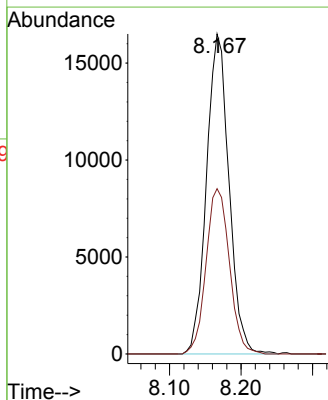
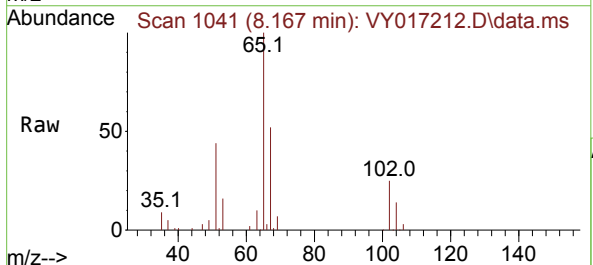
Ion	Ratio	Lower	Upper
84	100		
49	122.1	95.2	142.8
51	35.1	29.9	44.9
86	65.4	52.2	78.4

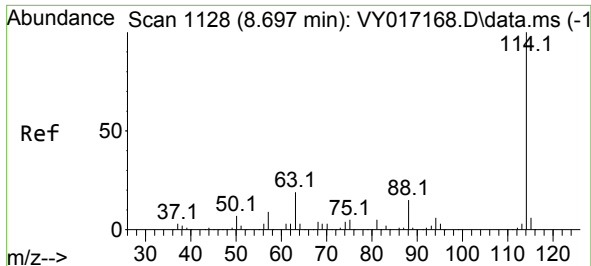


#33
1,2-Dichloroethane-d4
Concen: 51.653 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY017212.D
Acq: 03 Feb 2024 03:42

Tgt Ion: 65 Resp: 36072

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.018 min

Lab File: VY017212.D

Acq: 03 Feb 2024 03:42

Instrument :

MSVOA_Y

ClientSampleId :

TT-278-IDWSO-20240201-2

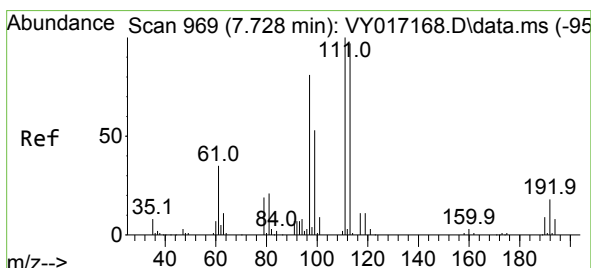
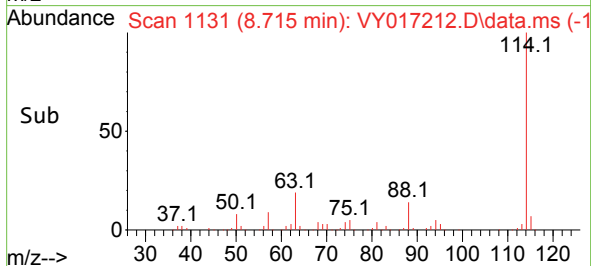
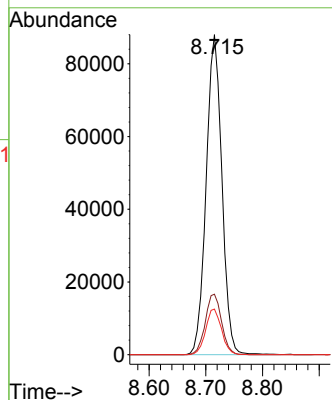
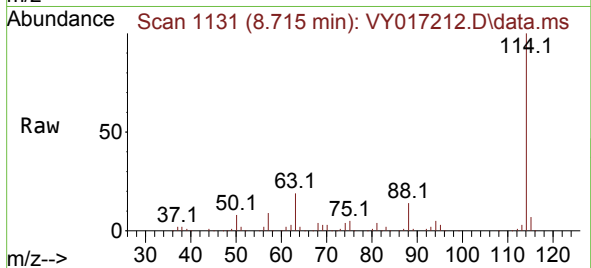
Tgt Ion:114 Resp: 169504

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.783 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017212.D

Acq: 03 Feb 2024 03:42

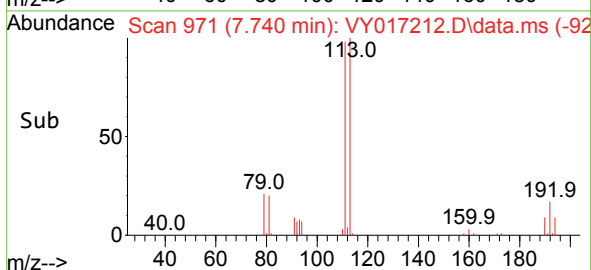
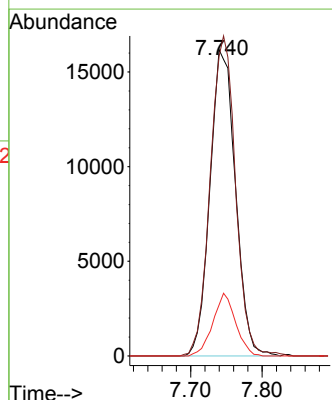
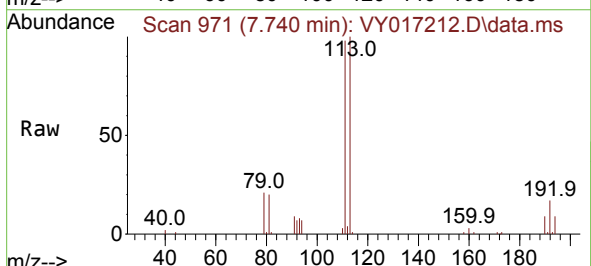
Tgt Ion:113 Resp: 40071

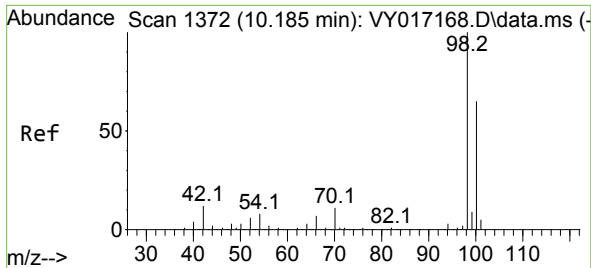
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.3 14.5 21.7

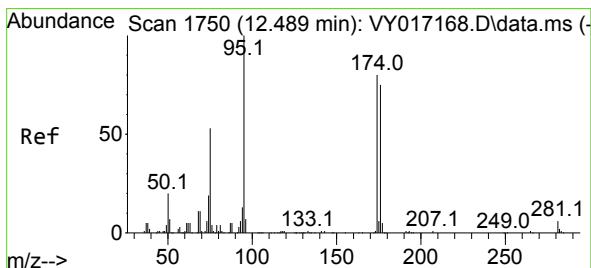
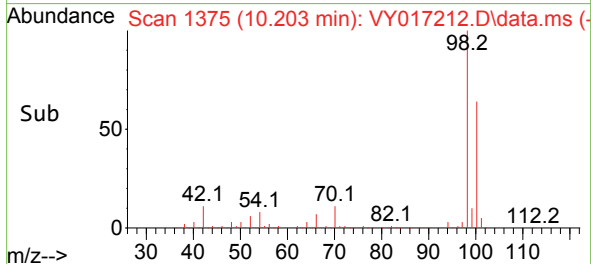
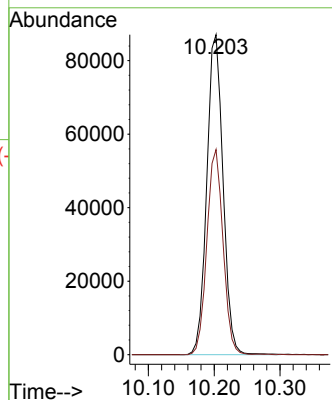
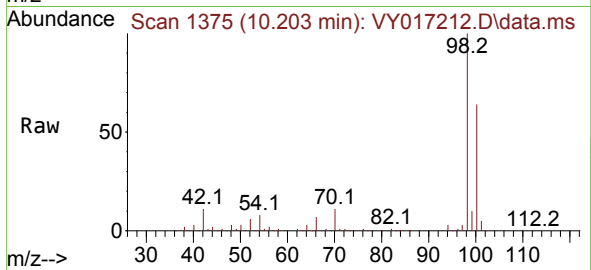




#50
Toluene-d8
Concen: 44.881 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017212.D
Acq: 03 Feb 2024 03:42

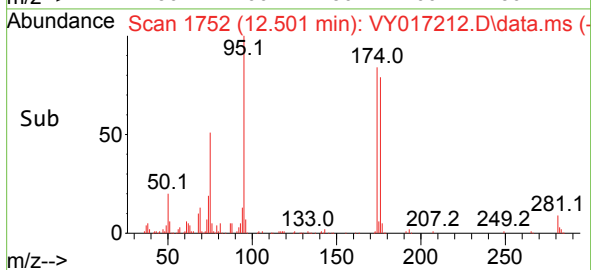
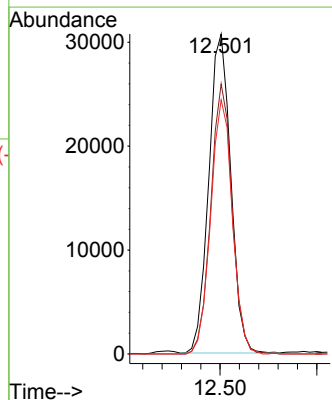
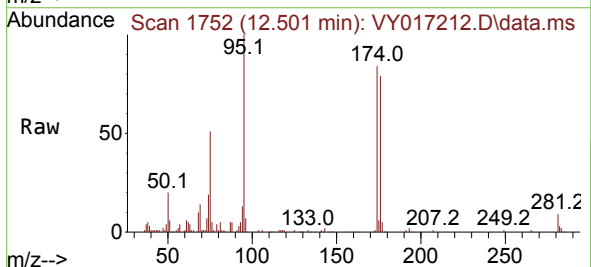
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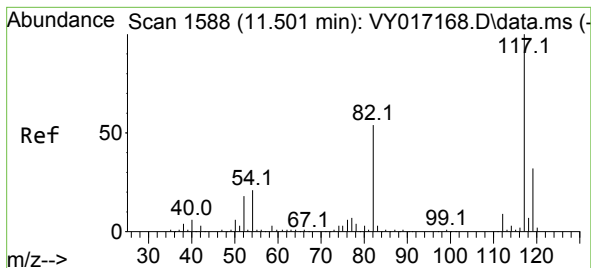
Tgt Ion: 98 Resp: 149554
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.483 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017212.D
Acq: 03 Feb 2024 03:42

Tgt Ion: 95 Resp: 48556
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.0
176 78.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.507 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017212.D

Acq: 03 Feb 2024 03:42

Instrument :

MSVOA_Y

ClientSampleId :

TT-278-IDWSO-20240201-2

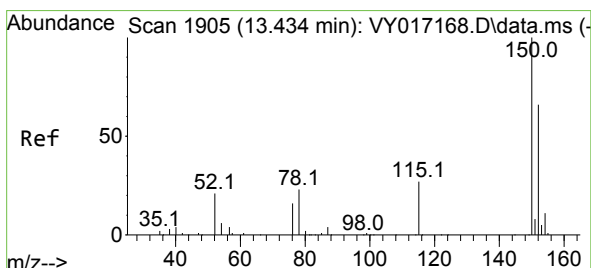
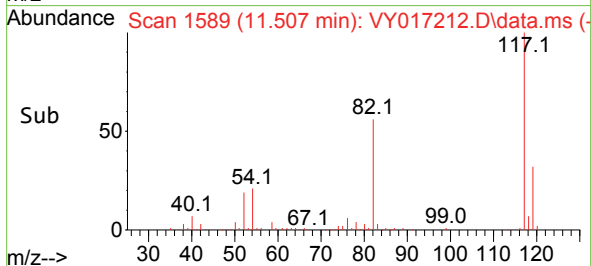
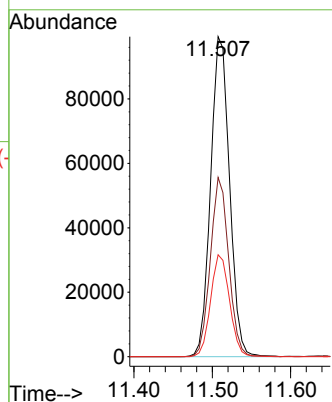
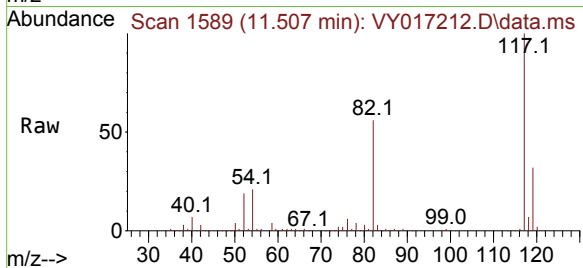
Tgt Ion:117 Resp: 166278

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017212.D

Acq: 03 Feb 2024 03:42

Tgt Ion:152 Resp: 59569

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.1 0.0 344.6

