

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015379.D
 Acq On : 30 Aug 2023 15:51
 Operator : SY/MD
 Sample : 04210-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-082923

Quant Time: Aug 31 01:01:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

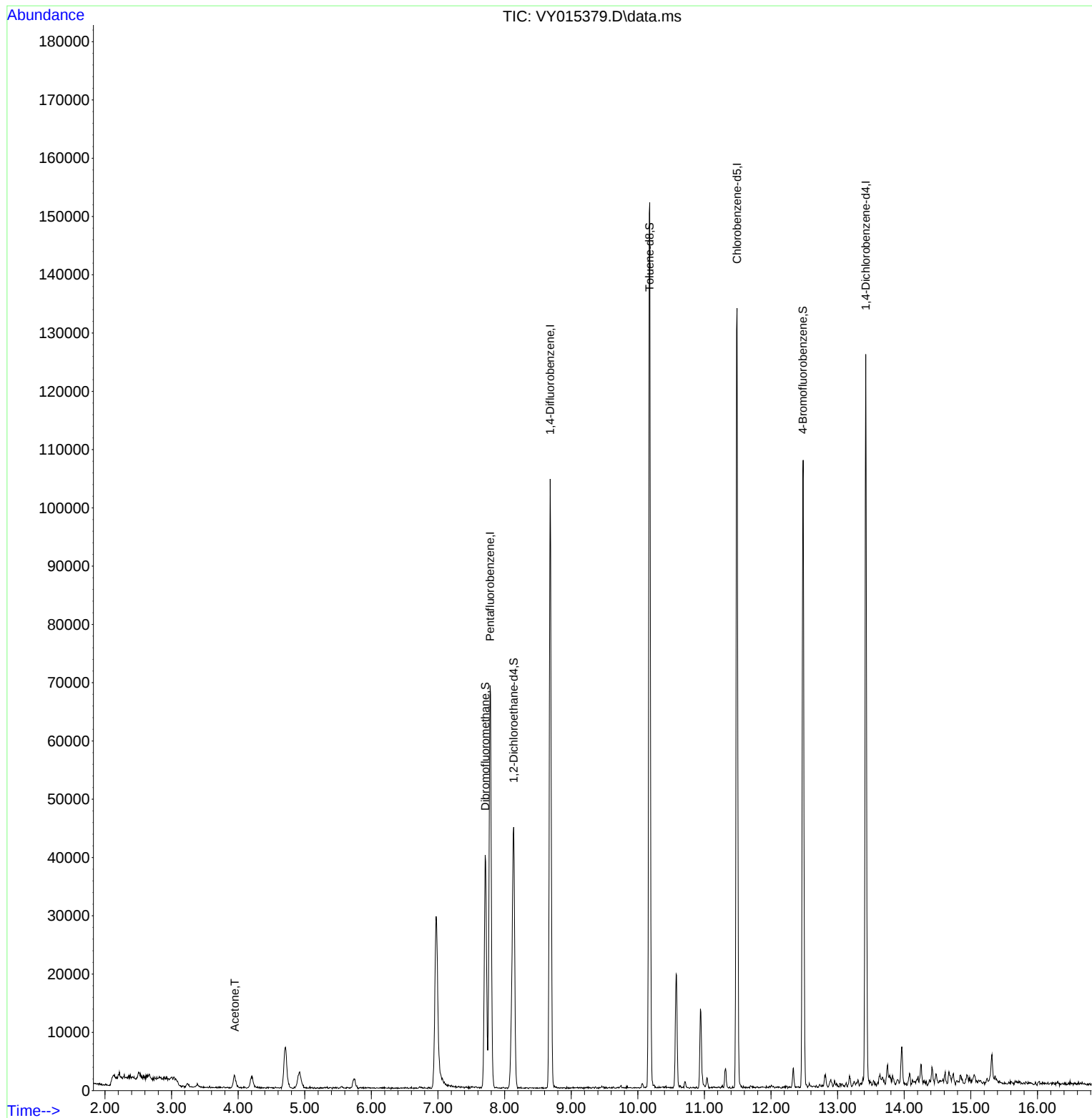
Internal Standards						
1) Pentafluorobenzene	7.783	168	54536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31363	53.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.709	113	28138	56.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.060%
50) Toluene-d8	10.178	98	100015	54.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.000%
62) 4-Bromofluorobenzene	12.477	95	29715	44.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.020%
Target Compounds						
16) Acetone	3.948	43	3852	15.786	ug/l	Qvalue 99

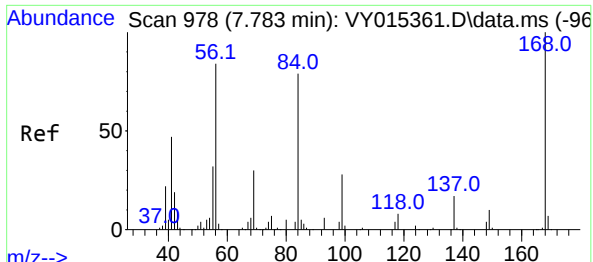
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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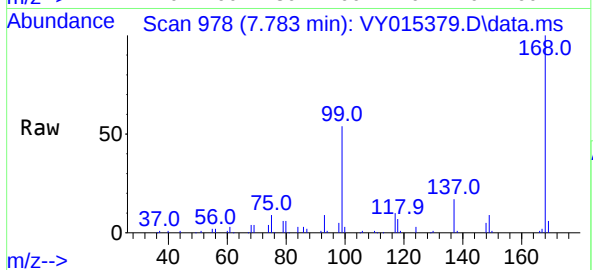
Quant Time: Aug 31 01:01:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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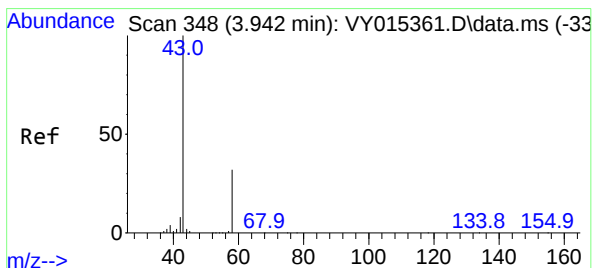
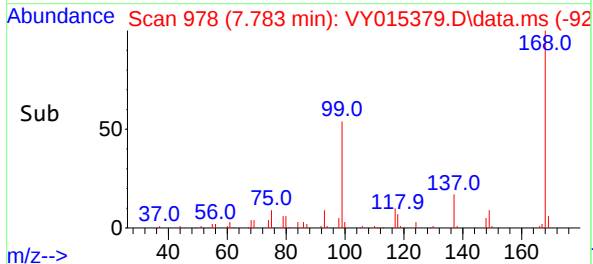
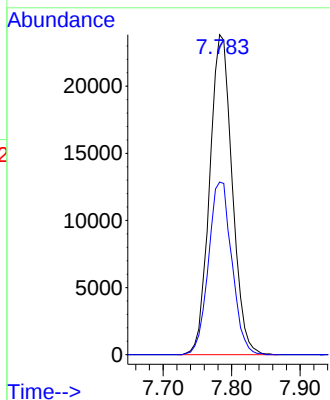


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082923

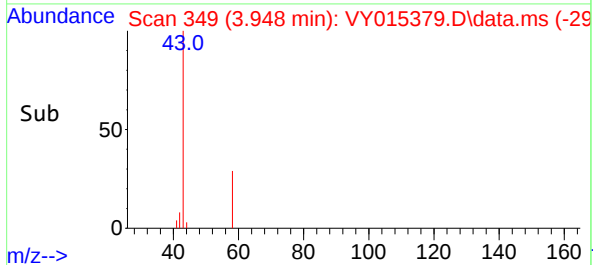
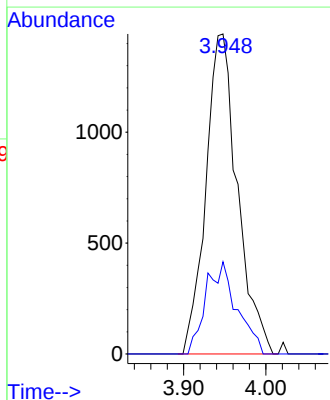
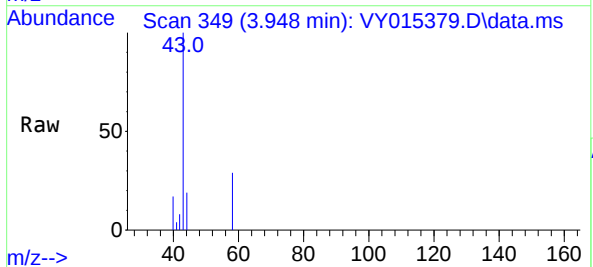


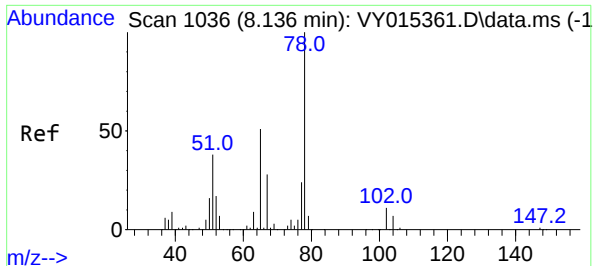
Tgt Ion:168 Resp: 54536
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 15.786 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.647 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015379.D

Acq: 30 Aug 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

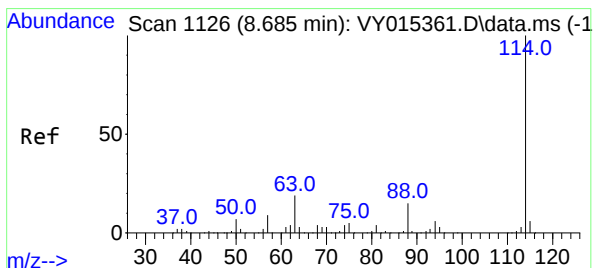
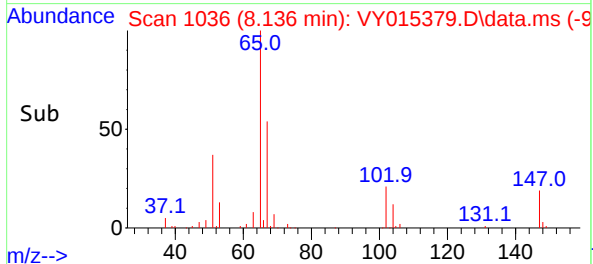
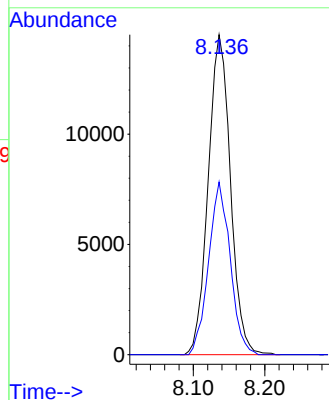
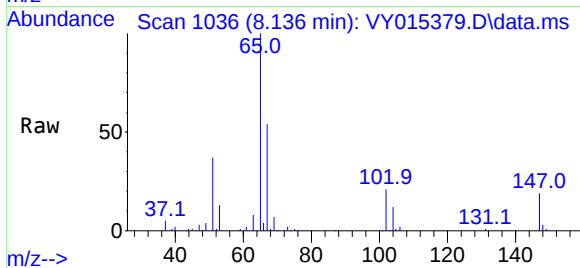
TR-04-082923

Tgt Ion: 65 Resp: 31363

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015379.D

Acq: 30 Aug 2023 15:51

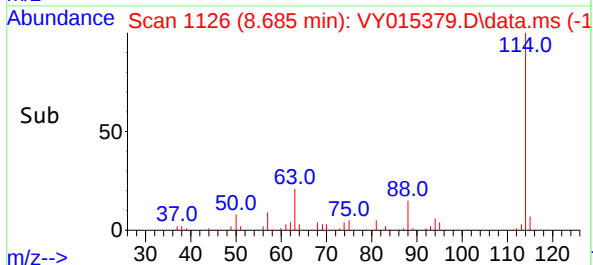
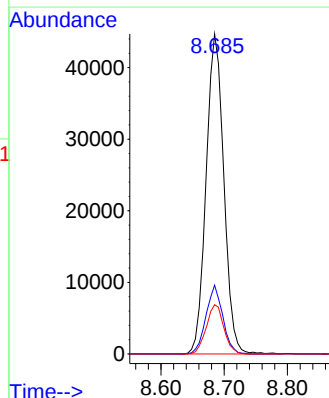
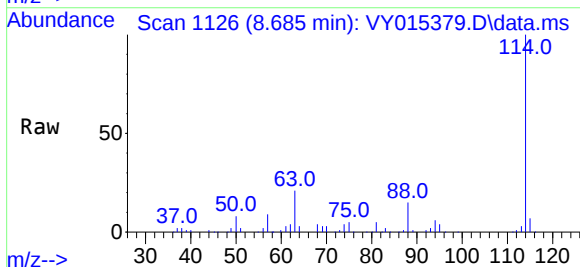
Tgt Ion: 114 Resp: 87187

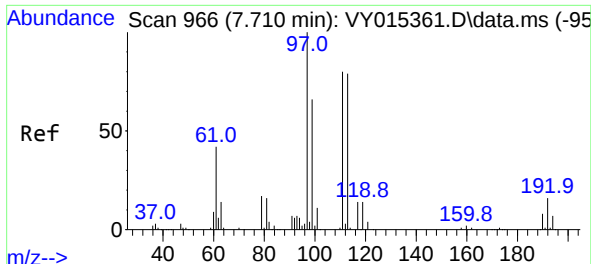
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 15.4 0.0 30.6

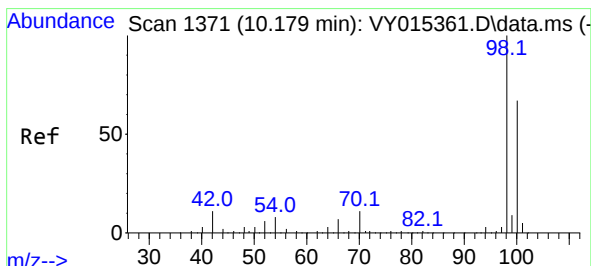
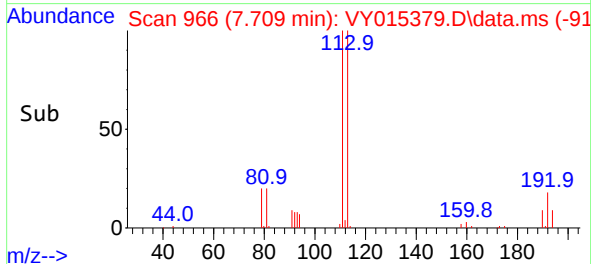
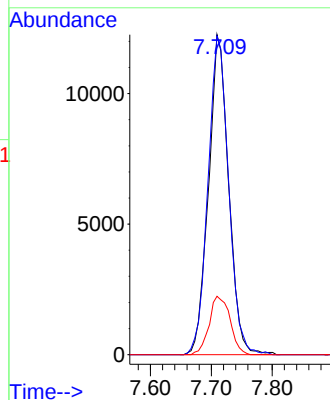
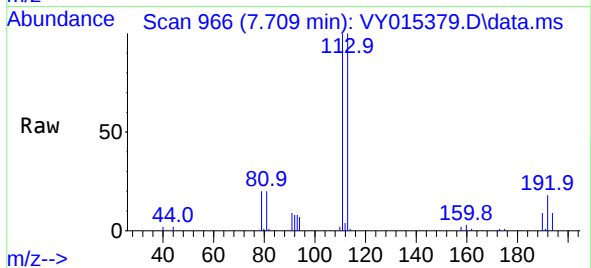




#35
Dibromofluoromethane
Concen: 56.032 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

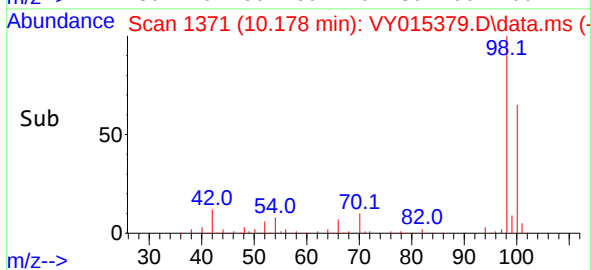
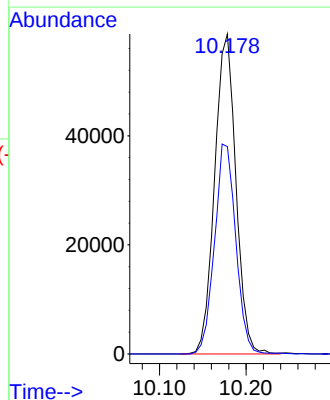
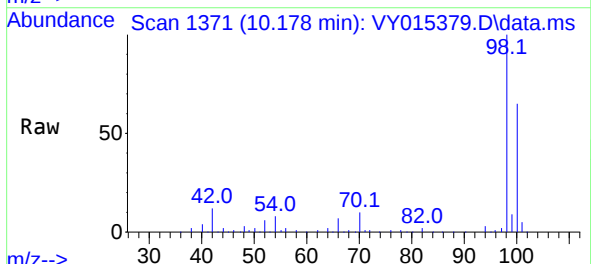
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082923

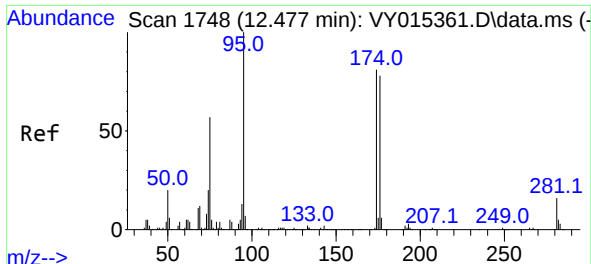
Tgt Ion:113 Resp: 28138
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 54.996 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion: 98 Resp: 100015
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

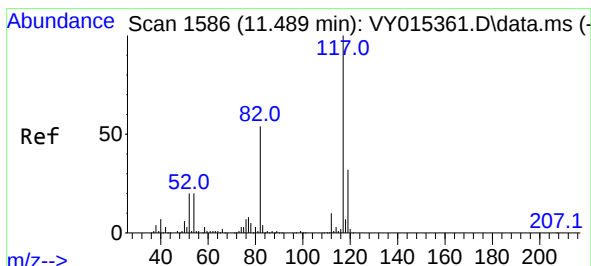
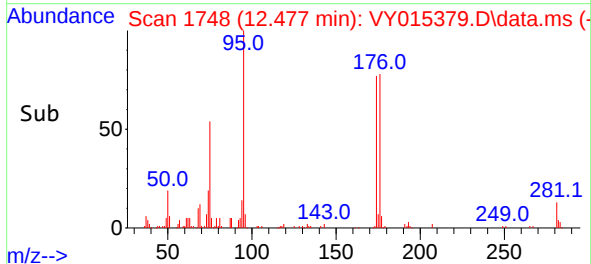
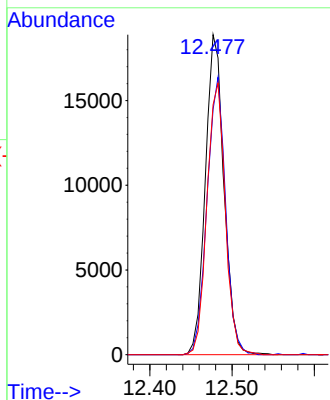
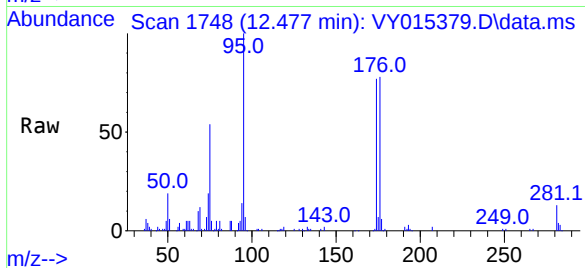




#62
4-Bromofluorobenzene
Concen: 44.014 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

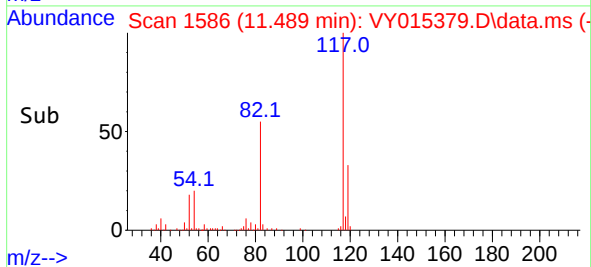
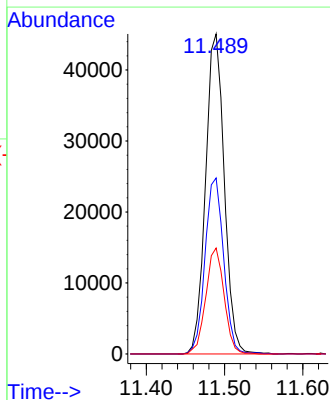
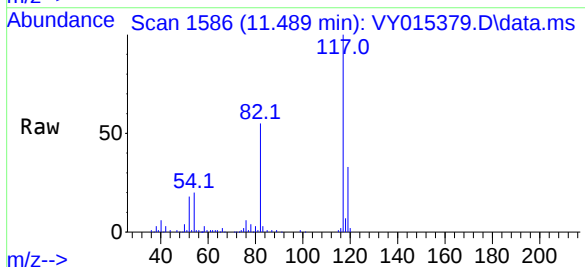
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082923

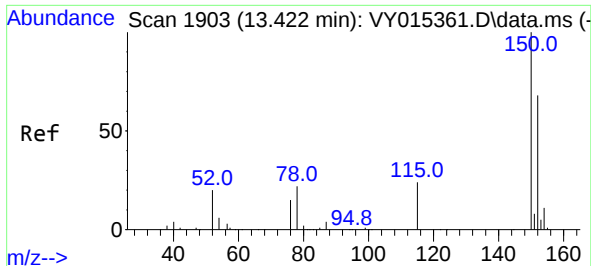
Tgt Ion:	95	Resp:	29715
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	178.2
176	83.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015379.D
Acq: 30 Aug 2023 15:51

Tgt Ion:	117	Resp:	74852
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.4	65.0
119	33.1	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015379.D

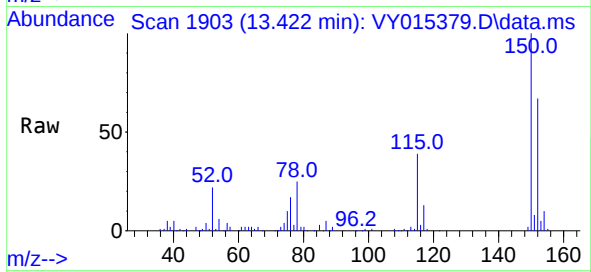
Acq: 30 Aug 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-082923



Tgt Ion:152 Resp: 31123

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 156.1 0.0 348.8

