

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015978.D
 Acq On : 16 Oct 2023 12:02
 Operator : SY/MD
 Sample : 04854-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-101123RE

Quant Time: Oct 16 12:26:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

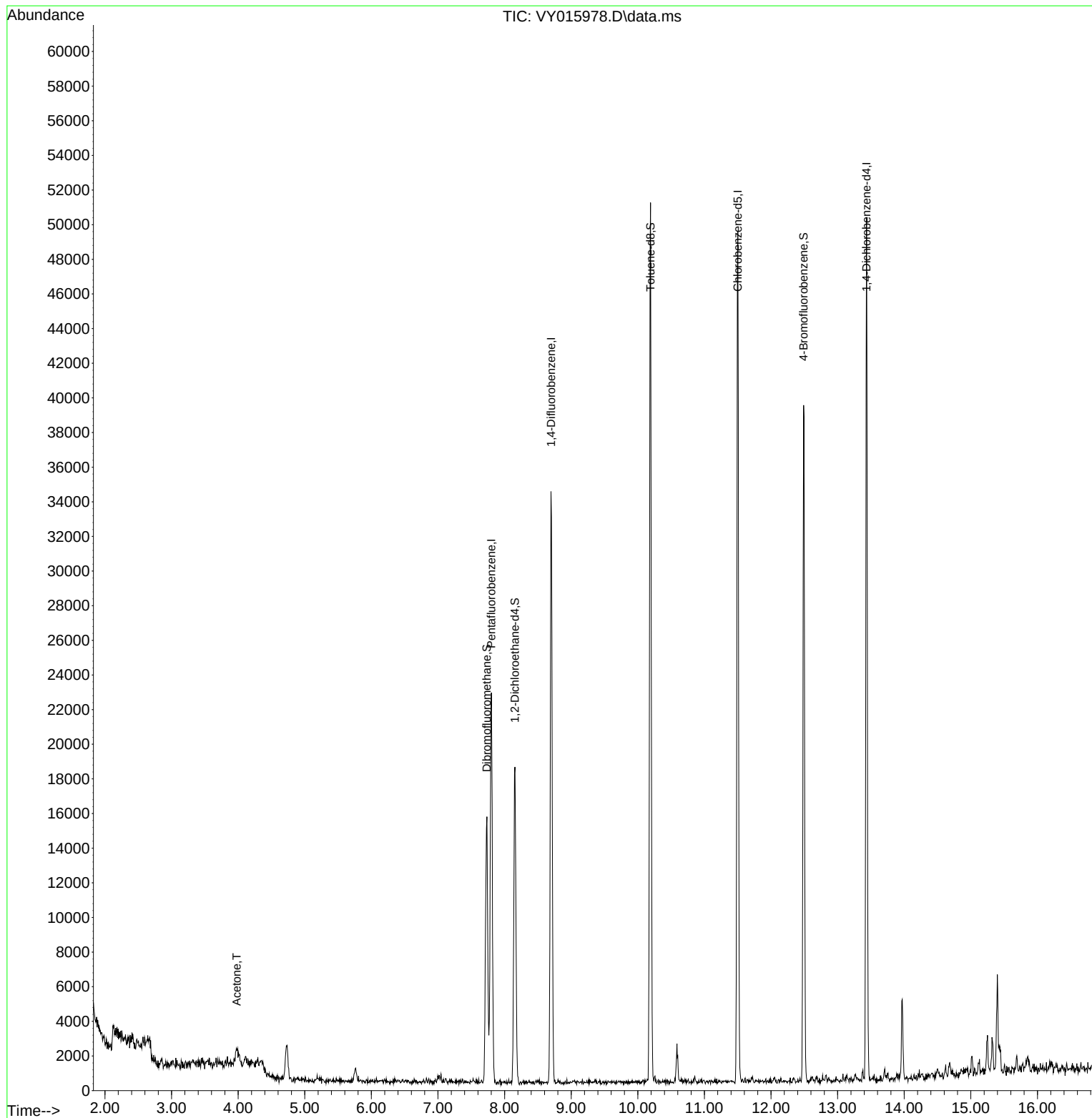
Internal Standards						
1) Pentafluorobenzene	7.801	168	18164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	29892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	28622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	12833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	14506	69.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.960%
35) Dibromofluoromethane	7.734	113	11448	60.833	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.660%
50) Toluene-d8	10.191	98	34485	48.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.489	95	11845	47.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.400%
Target Compounds						
16) Acetone	3.979	43	1691	14.043	ug/l	99

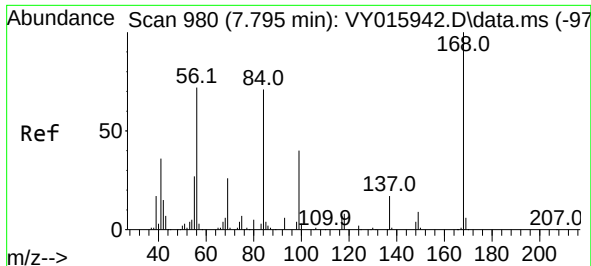
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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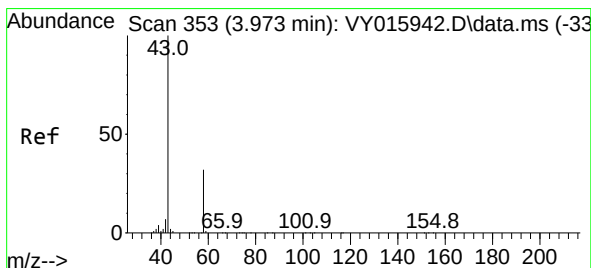
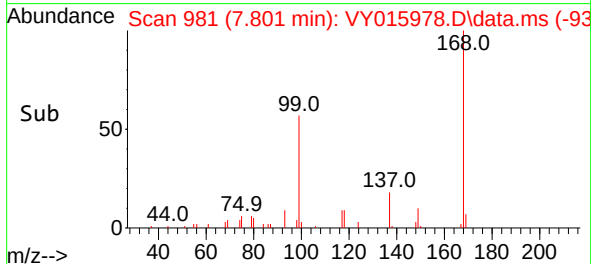
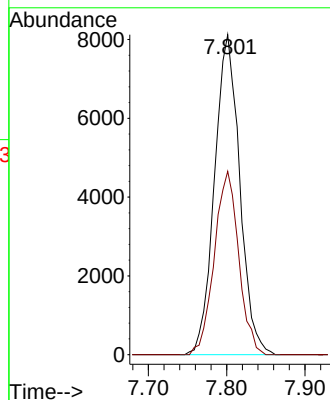
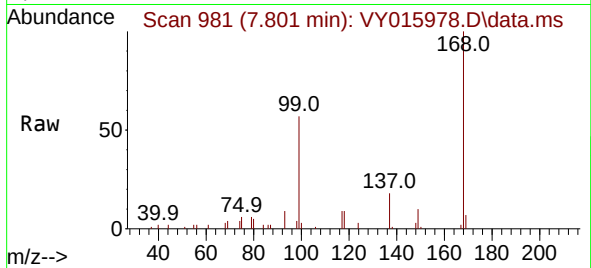




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015978.D
Acq: 16 Oct 2023 12:02

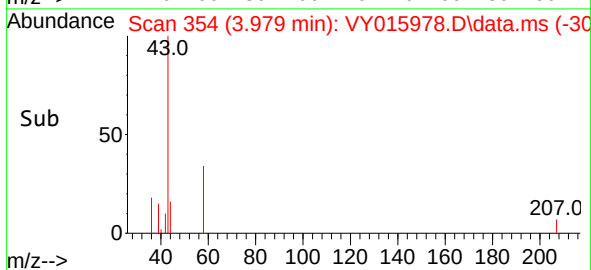
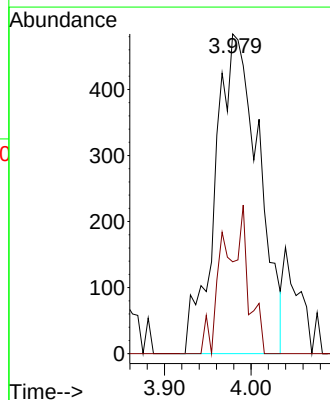
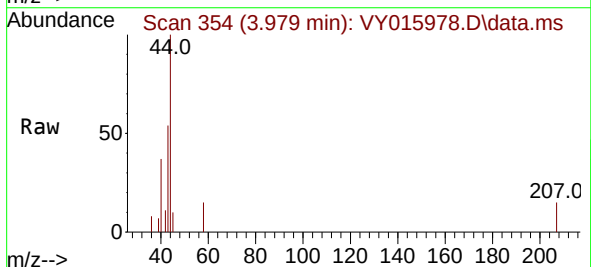
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-101123RE

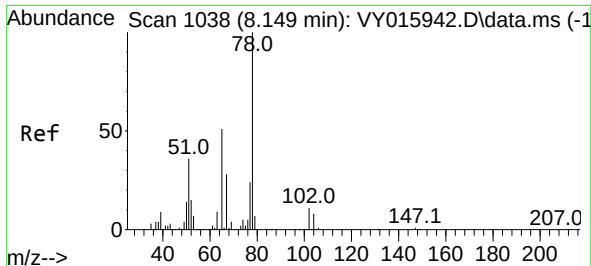
Tgt Ion:168 Resp: 18164
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#16
Acetone
Concen: 14.043 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY015978.D
Acq: 16 Oct 2023 12:02

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 69.975 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015978.D

Acq: 16 Oct 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

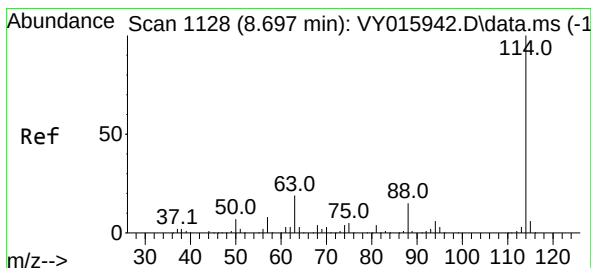
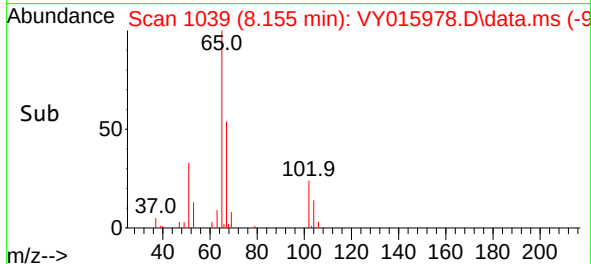
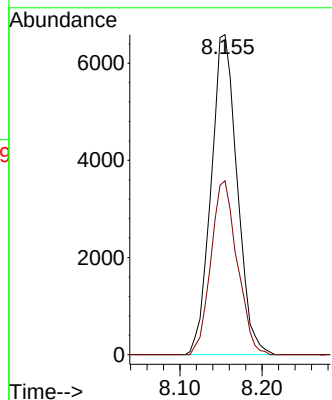
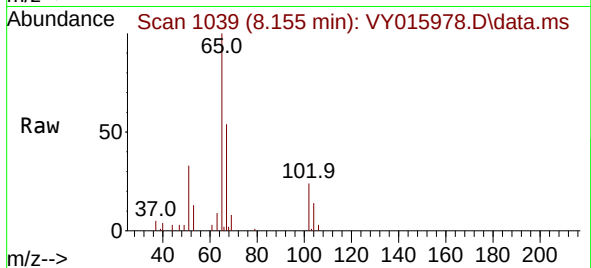
TR-05-101123RE

Tgt Ion: 65 Resp: 14506

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015978.D

Acq: 16 Oct 2023 12:02

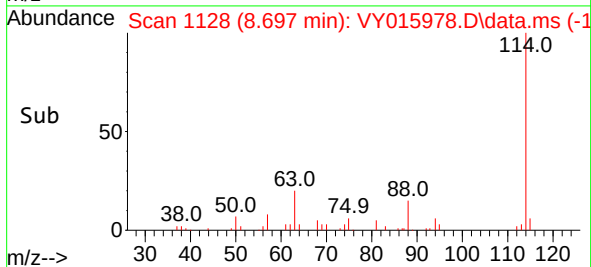
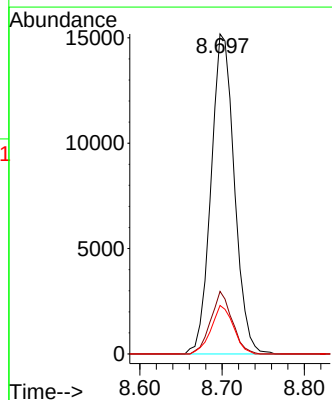
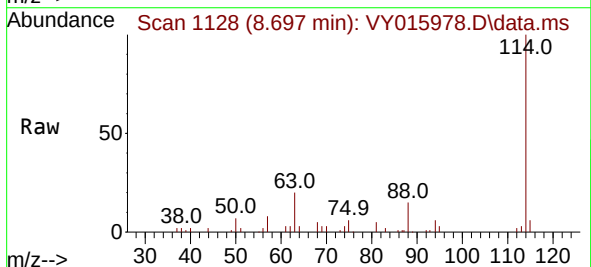
Tgt Ion: 114 Resp: 29892

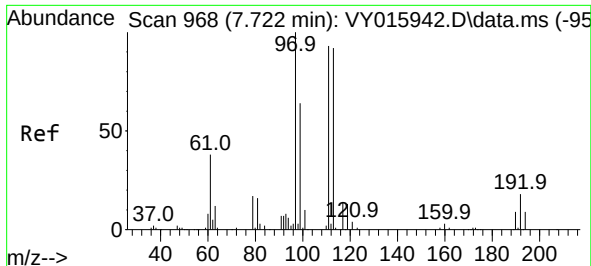
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 60.833 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015978.D

Acq: 16 Oct 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-101123RE

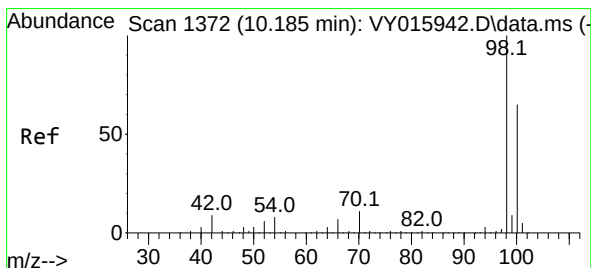
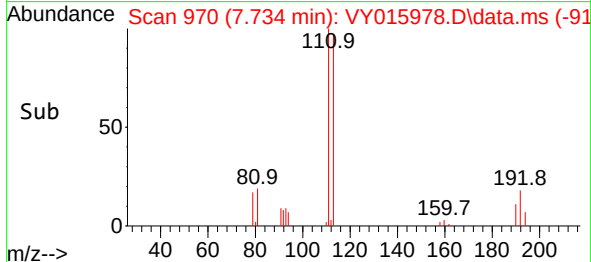
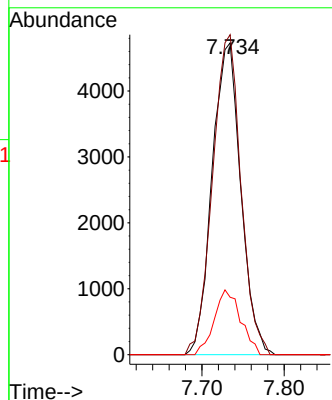
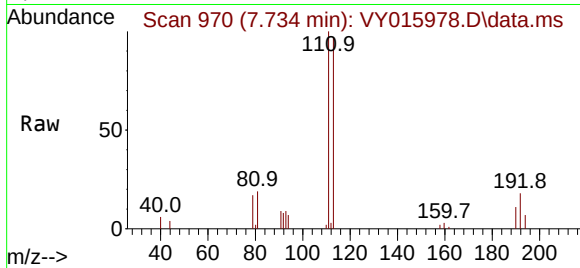
Tgt Ion:113 Resp: 11448

Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.2 16.9 25.3



#50

Toluene-d8

Concen: 48.933 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY015978.D

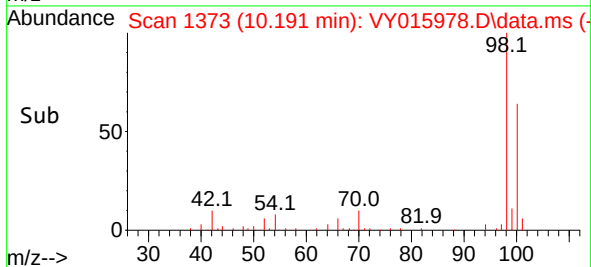
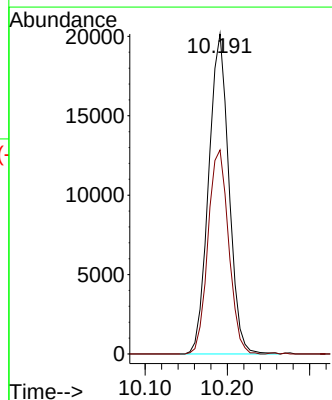
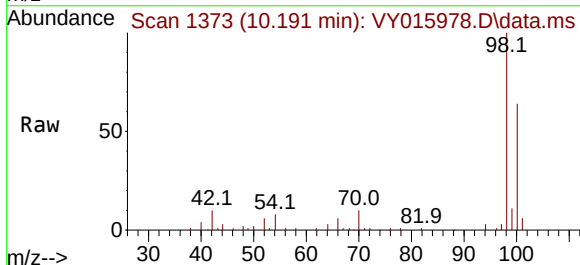
Acq: 16 Oct 2023 12:02

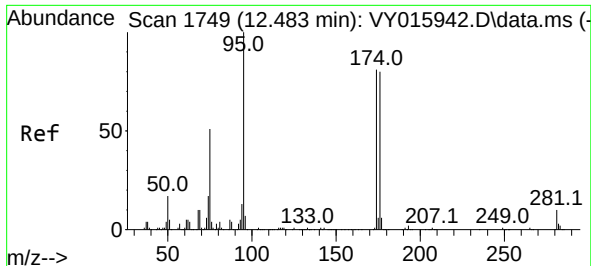
Tgt Ion: 98 Resp: 34485

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

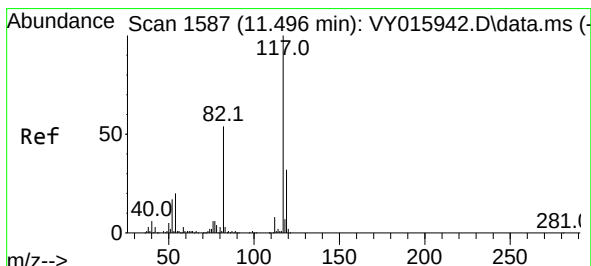
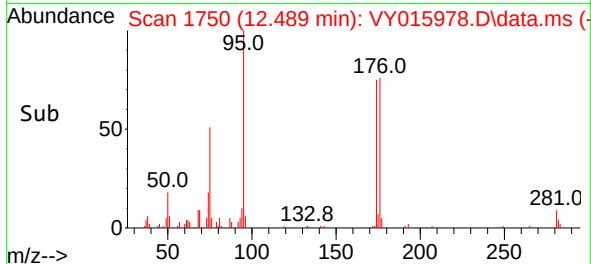
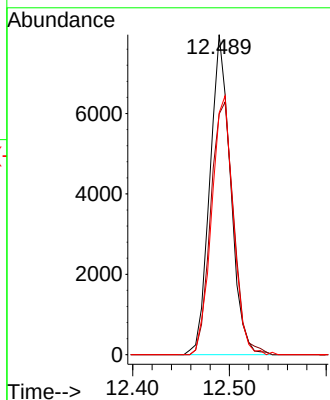
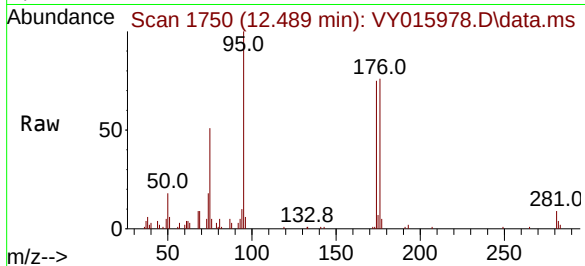




#62
4-Bromofluorobenzene
Concen: 47.201 ug/l
RT: 12.489 min Scan# 11845
Delta R.T. 0.006 min
Lab File: VY015978.D
Acq: 16 Oct 2023 12:02

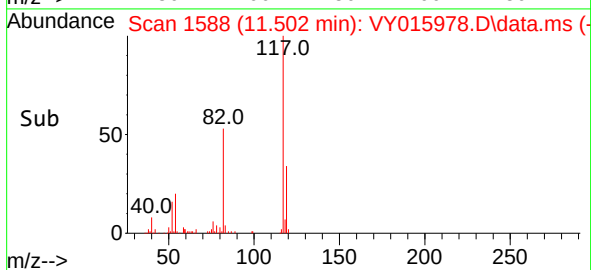
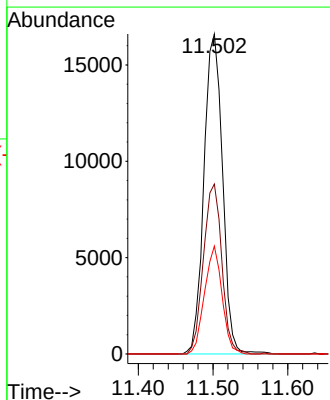
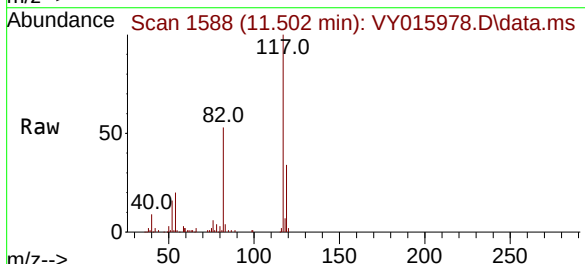
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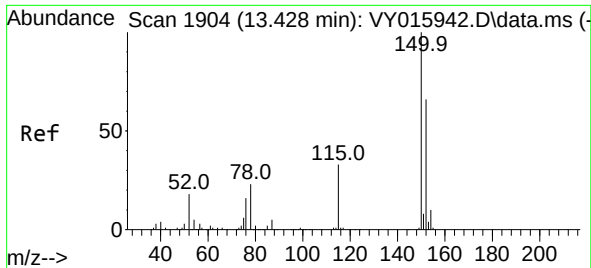
Tgt Ion:	95	Resp:	11845
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	178.2
176	84.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY015978.D
Acq: 16 Oct 2023 12:02

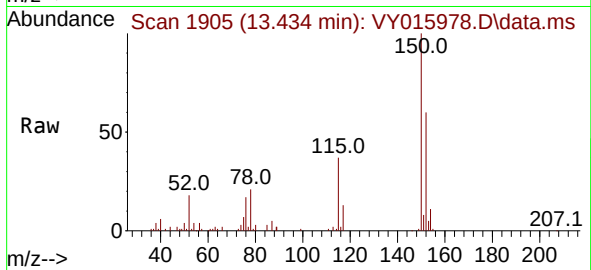
Tgt Ion:	117	Resp:	28622
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	33.7	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY015978.D
 Acq: 16 Oct 2023 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-101123RE



Tgt Ion:152 Resp: 12833
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.5
 150 160.0 0.0 348.8

