

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018591.D
 Acq On : 14 Jun 2024 13:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 14 23:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

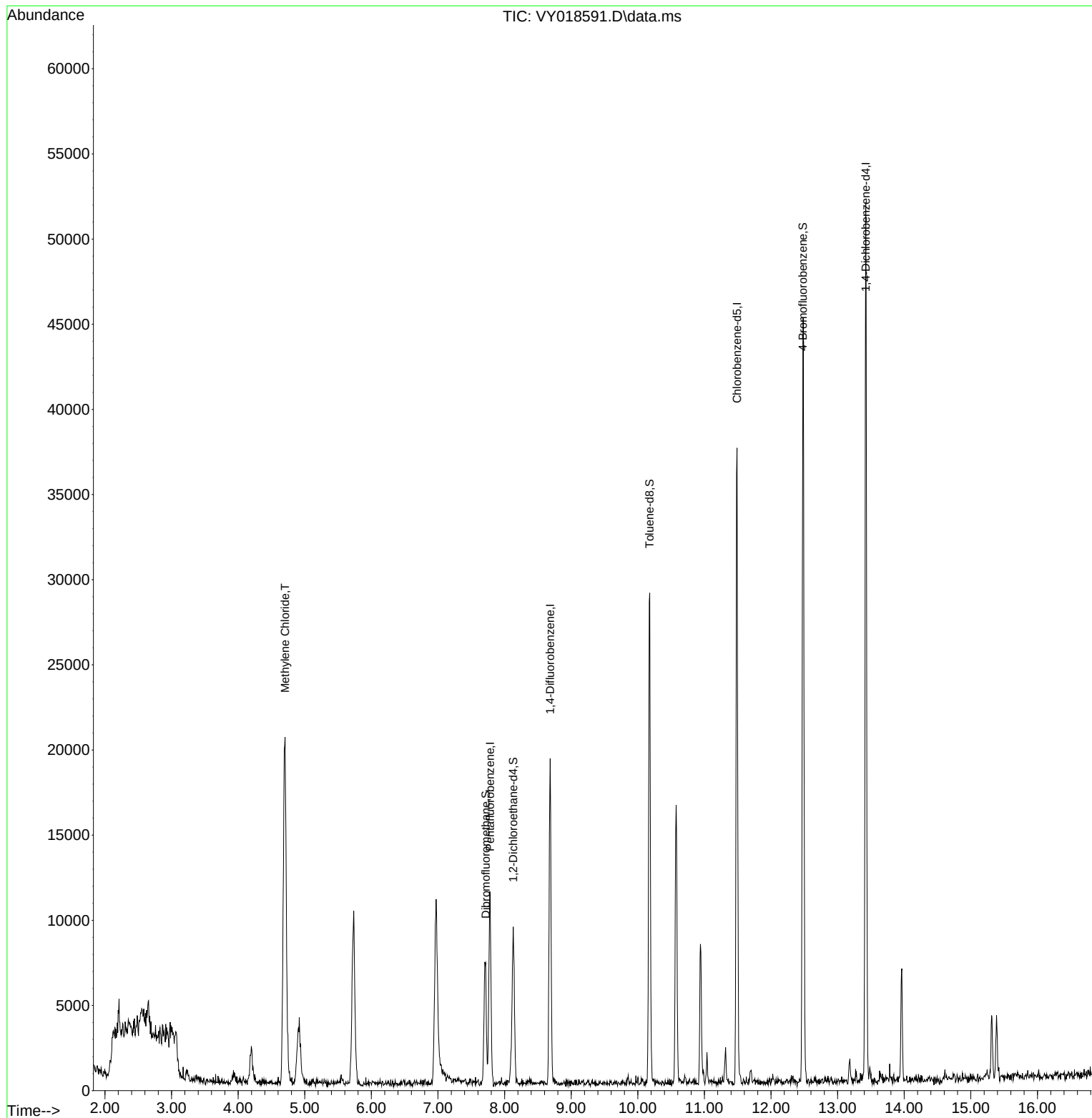
Internal Standards						
1) Pentafluorobenzene	7.783	168	8597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	16705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	6448	74.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.000%
35) Dibromofluoromethane	7.716	113	5468	53.659	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.179	98	19911	50.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.477	95	10141	81.950	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	163.900%#
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	15722	165.580	ug/l #	92

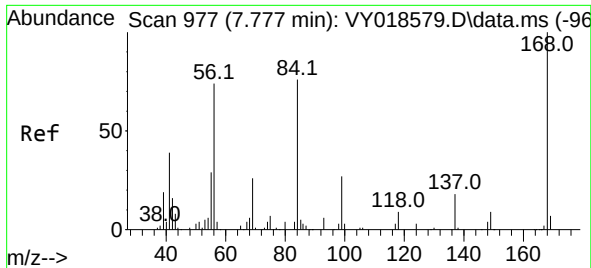
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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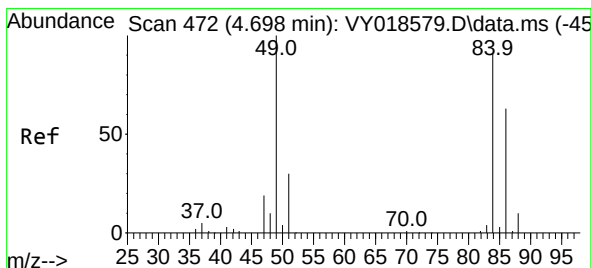
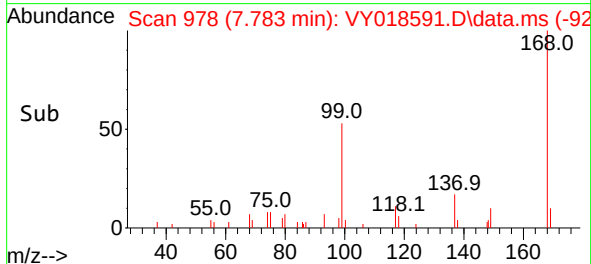
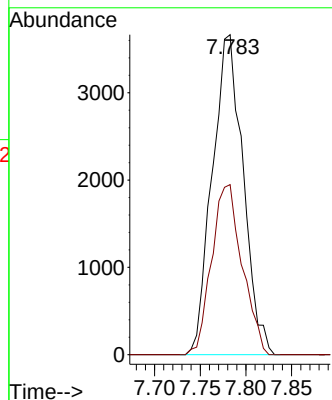
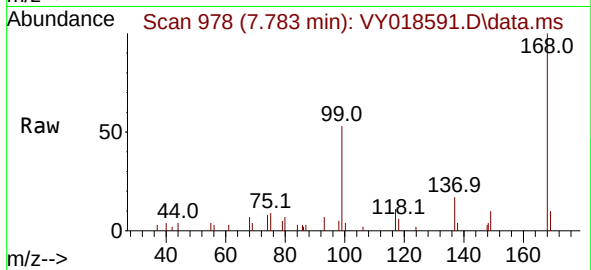




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018591.D
Acq: 14 Jun 2024 13:43

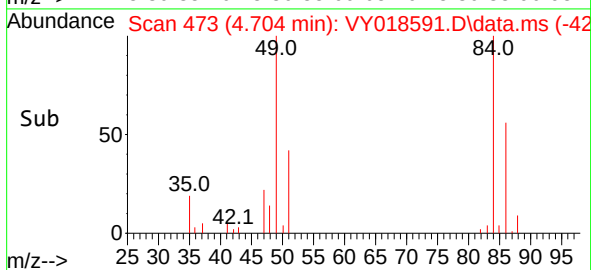
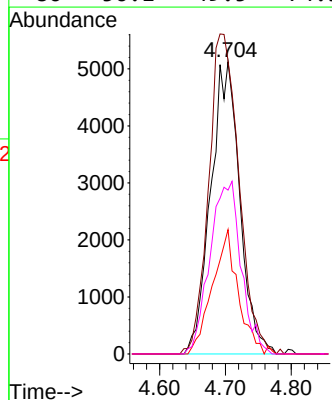
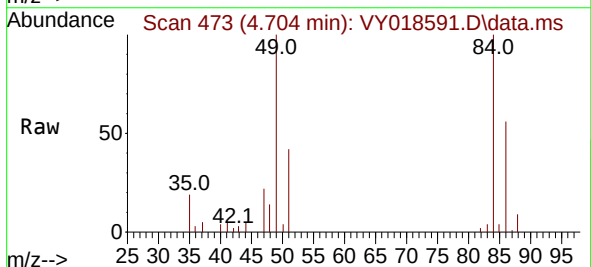
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

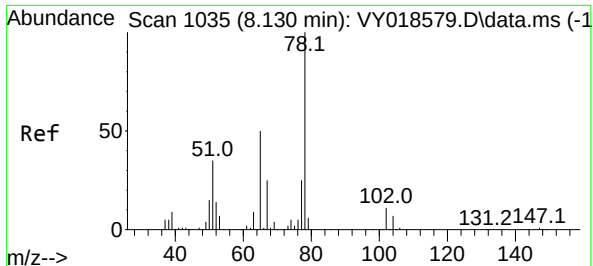
Tgt Ion:168 Resp: 8597
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#20
Methylene Chloride
Concen: 165.580 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018591.D
Acq: 14 Jun 2024 13:43

Tgt Ion: 84 Resp: 15722
Ion Ratio Lower Upper
84 100
49 100.3 84.4 126.6
51 42.5 26.0 39.0#
86 56.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 74.497 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018591.D

Acq: 14 Jun 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

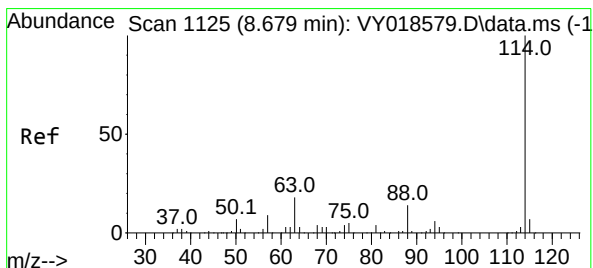
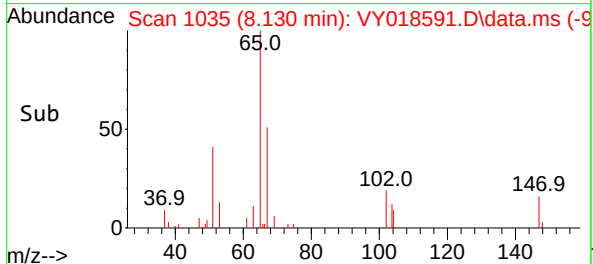
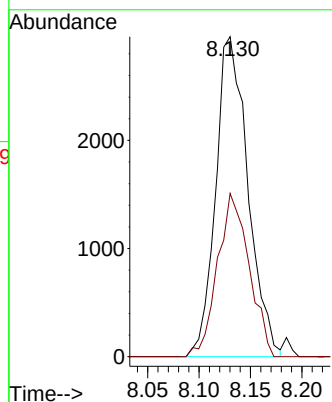
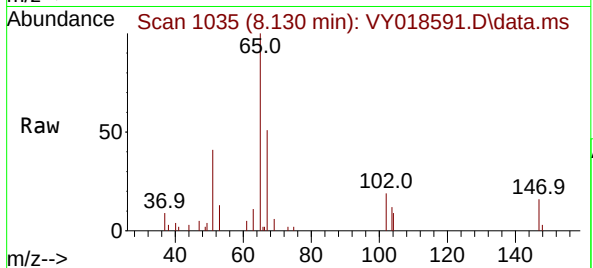
VIBLK

Tgt Ion: 65 Resp: 6448

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018591.D

Acq: 14 Jun 2024 13:43

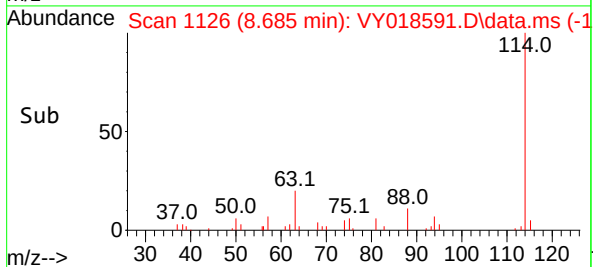
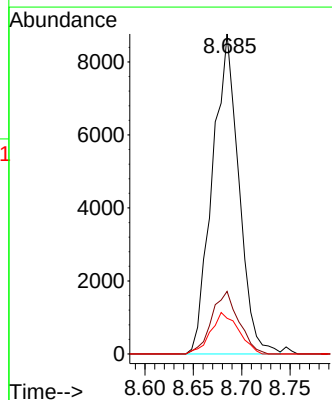
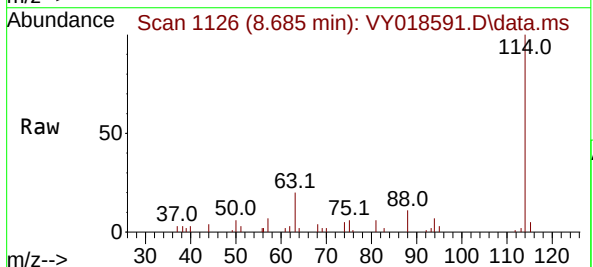
Tgt Ion:114 Resp: 16705

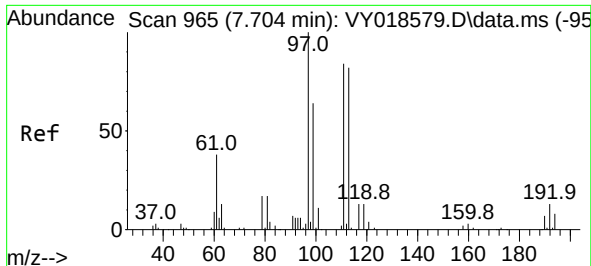
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 11.2 0.0 27.2

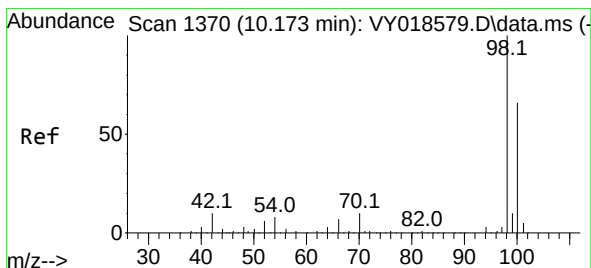
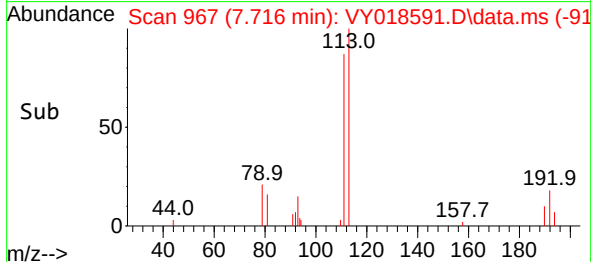
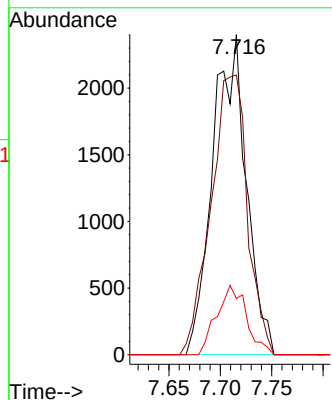
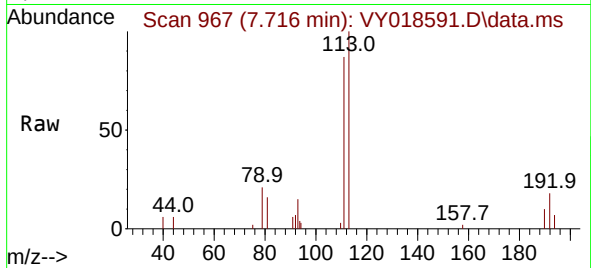




#35
Dibromofluoromethane
Concen: 53.659 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018591.D
Acq: 14 Jun 2024 13:43

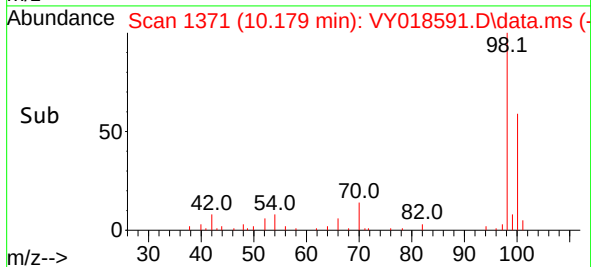
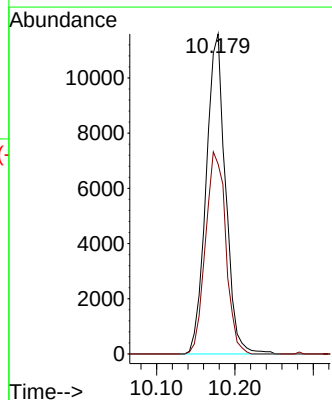
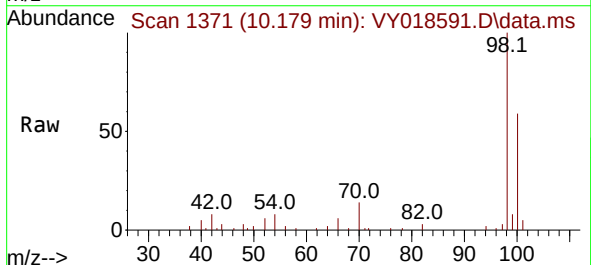
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

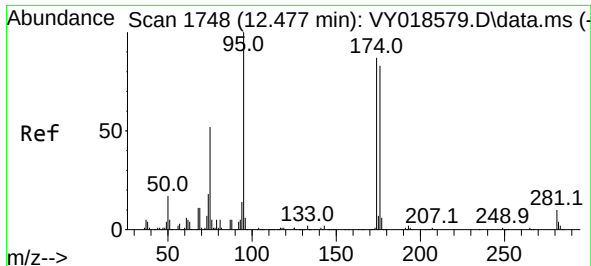
Tgt Ion:113 Resp: 5468
Ion Ratio Lower Upper
113 100
111 94.4 82.2 123.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018591.D
Acq: 14 Jun 2024 13:43

Tgt Ion: 98 Resp: 19911
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

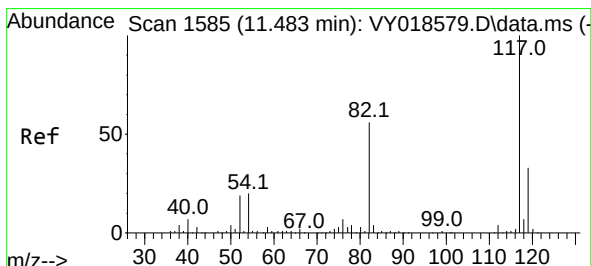
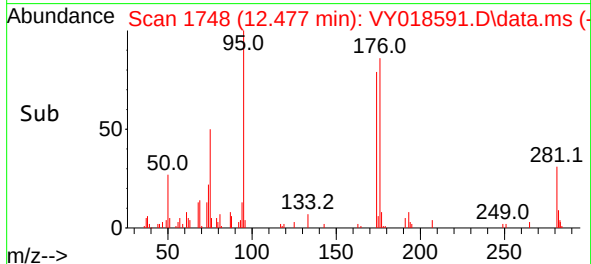
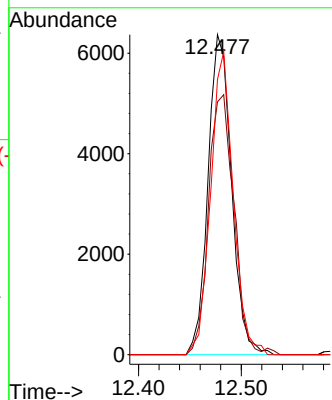
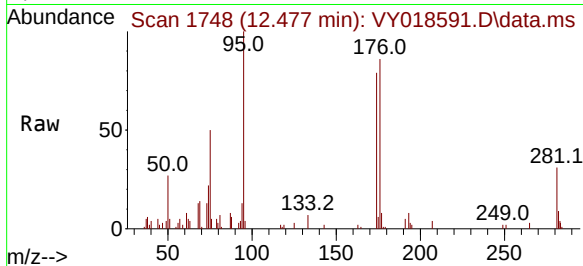




#62
4-Bromofluorobenzene
Concen: 81.950 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018591.D
Acq: 14 Jun 2024 13:43

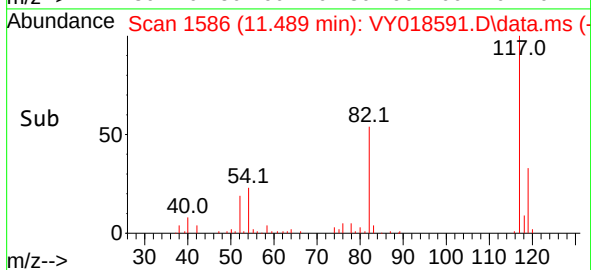
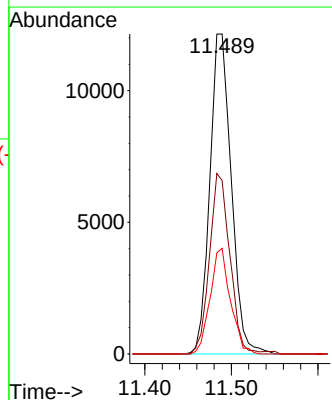
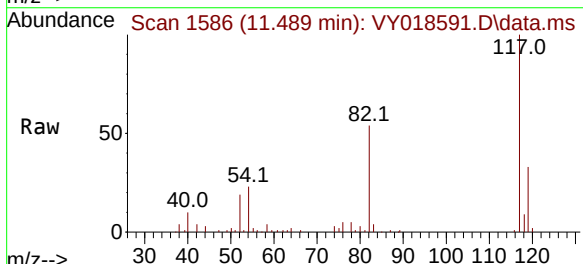
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

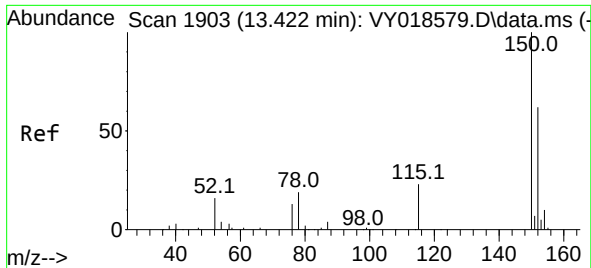
Tgt Ion:	95	Resp:	10141
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	175.6
176	91.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018591.D
Acq: 14 Jun 2024 13:43

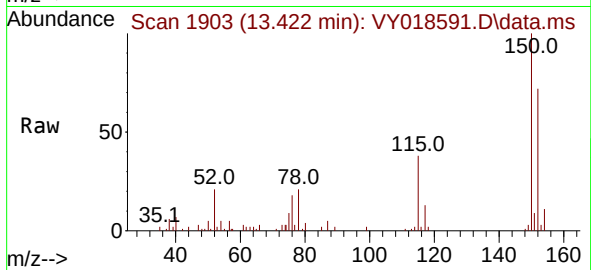
Tgt Ion:	117	Resp:	20919
Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.4	63.6
119	33.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018591.D
 Acq: 14 Jun 2024 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 13790
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 143.5 0.0 345.6

