

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018627.D
 Acq On : 18 Jun 2024 13:10
 Operator : SY/MD
 Sample : P2918-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 POLE

Quant Time: Jun 19 02:01:32 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)

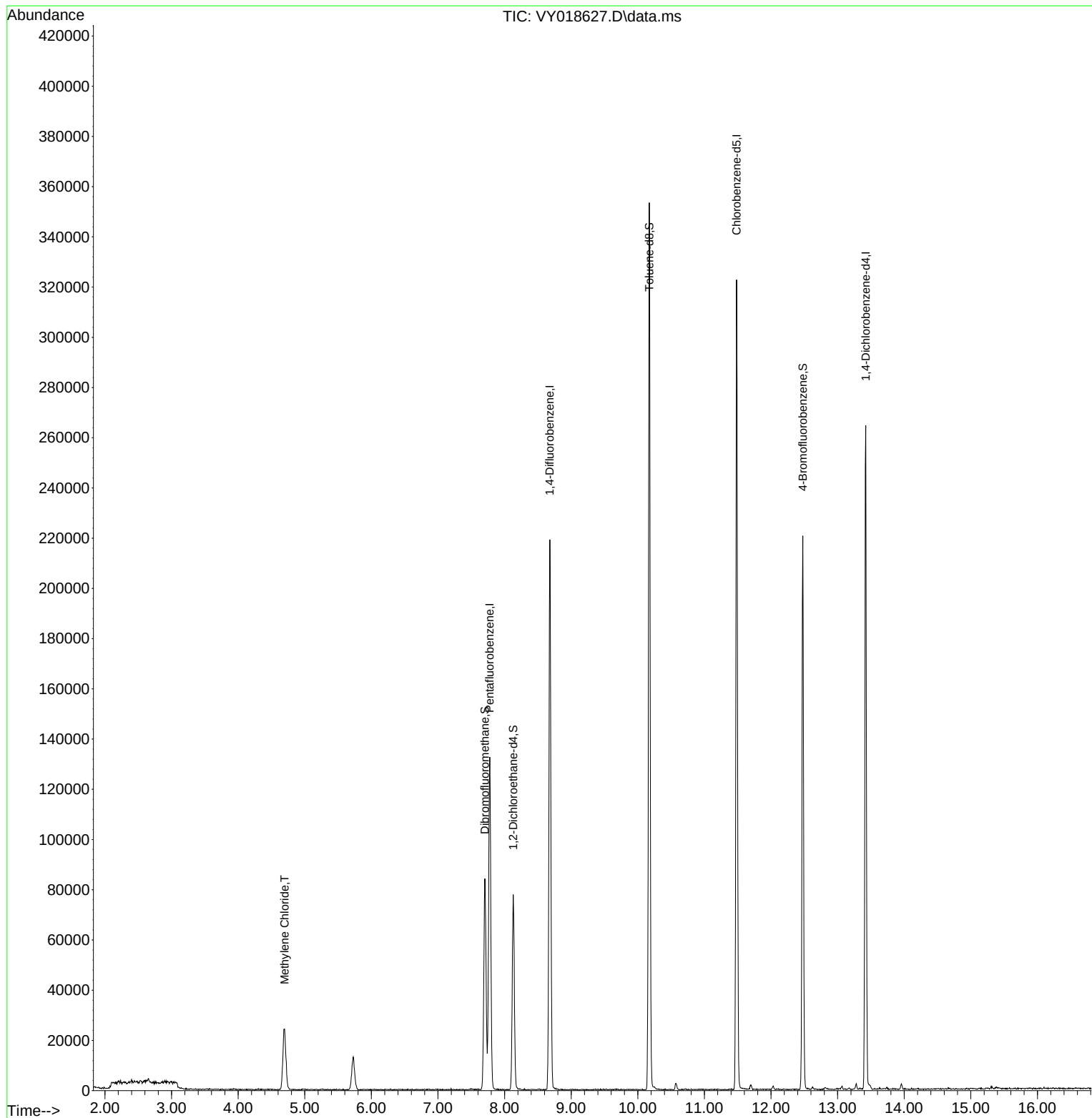
Internal Standards						
1) Pentafluorobenzene	7.777	168	101948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	189816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	173472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57875	56.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.780%
35) Dibromofluoromethane	7.704	113	58711	50.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.173	98	229263	51.486	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.477	95	65266	46.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.840%
Target Compounds						
20) Methylene Chloride	4.698	84	18409	6.512	ug/l	Qvalue # 89

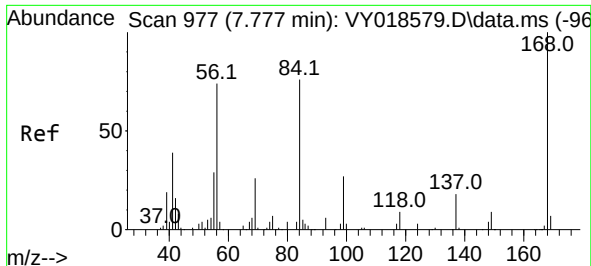
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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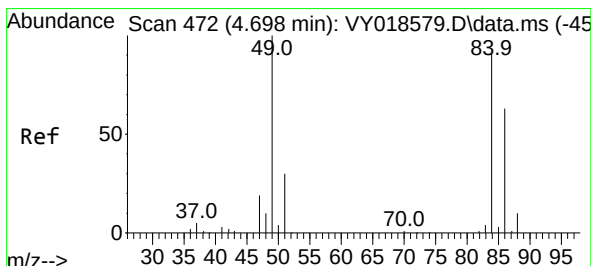
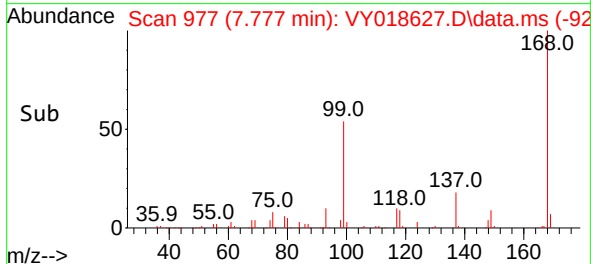
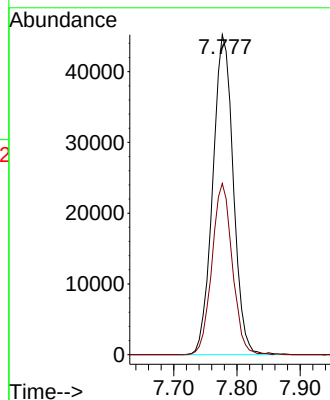
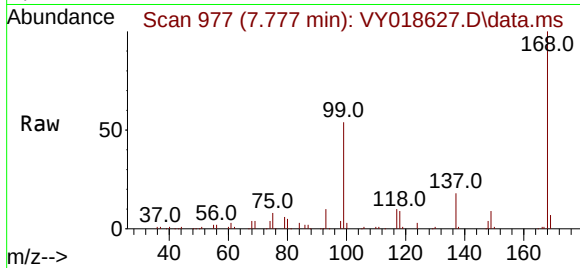




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018627.D
Acq: 18 Jun 2024 13:10

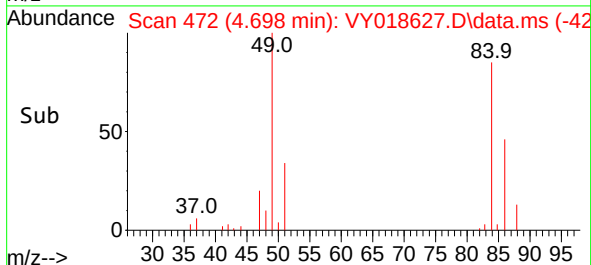
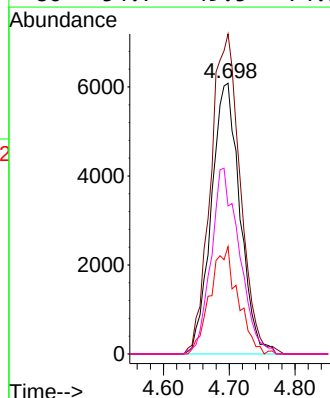
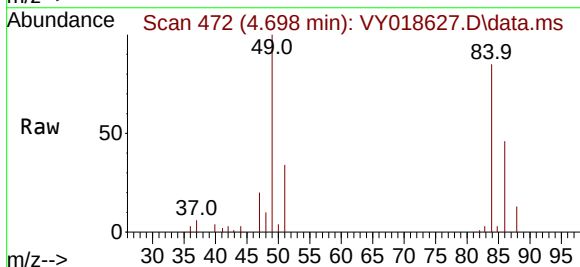
Instrument :
MSVOA_Y
ClientSampleId :
POLE

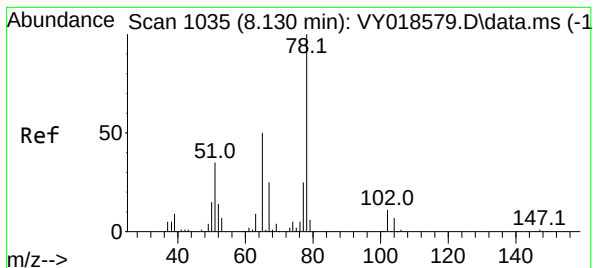
Tgt Ion:168 Resp: 101948
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#20
Methylene Chloride
Concen: 6.512 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018627.D
Acq: 18 Jun 2024 13:10

Tgt Ion: 84 Resp: 18409
Ion Ratio Lower Upper
84 100
49 118.2 84.4 126.6
51 39.7 26.0 39.0#
86 54.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.386 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018627.D

Acq: 18 Jun 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

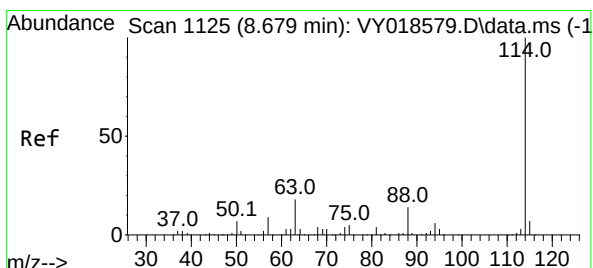
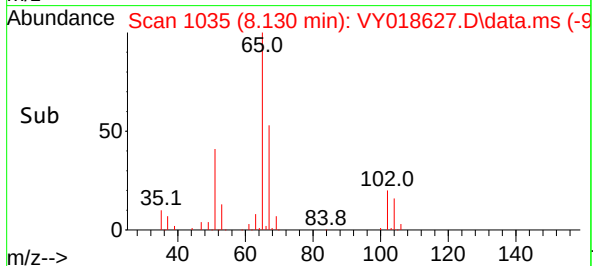
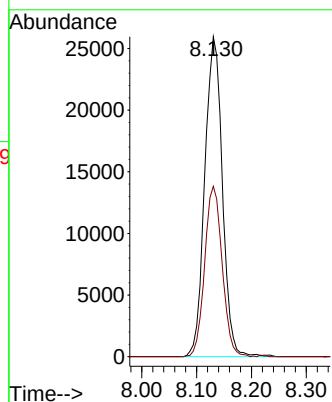
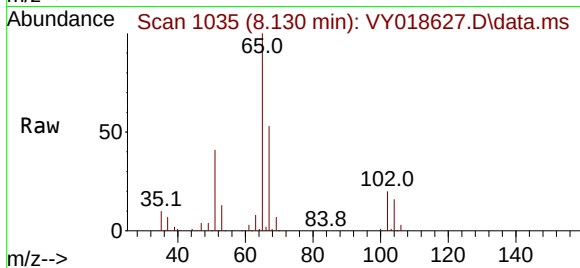
POLE

Tgt Ion: 65 Resp: 57875

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018627.D

Acq: 18 Jun 2024 13:10

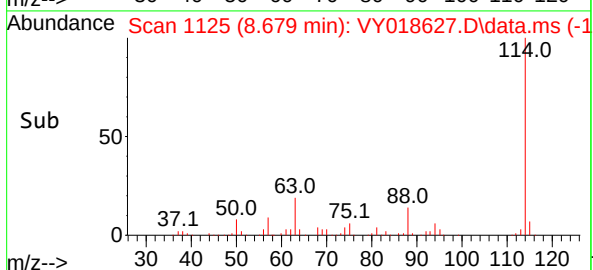
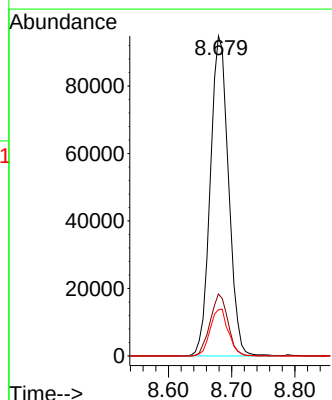
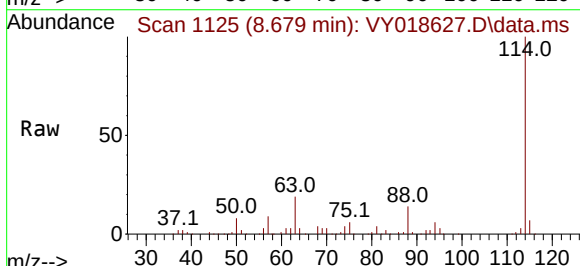
Tgt Ion: 114 Resp: 189816

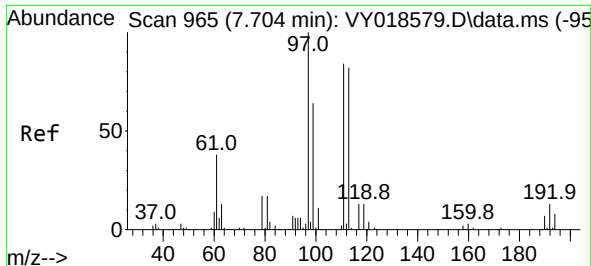
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.4 0.0 27.2

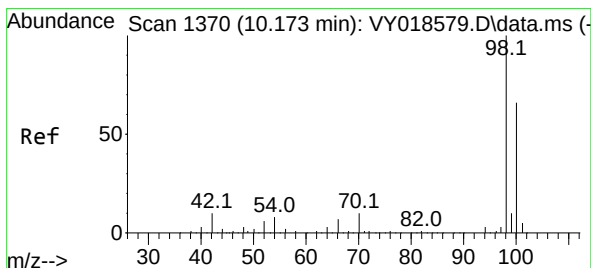
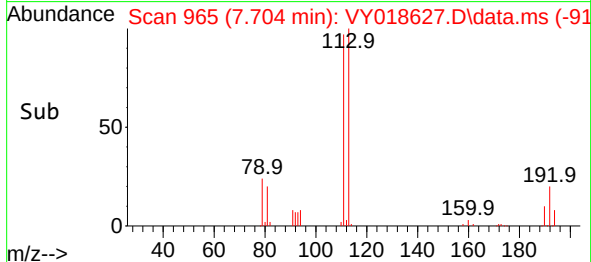
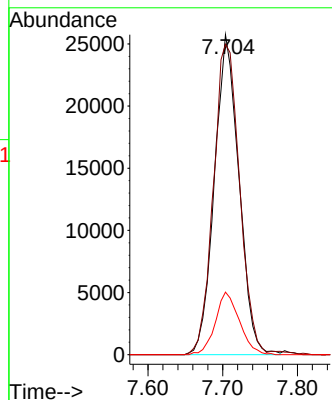
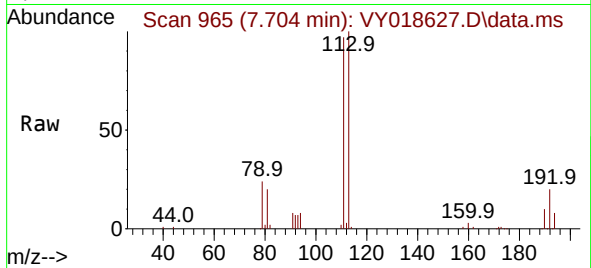




#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018627.D
Acq: 18 Jun 2024 13:10

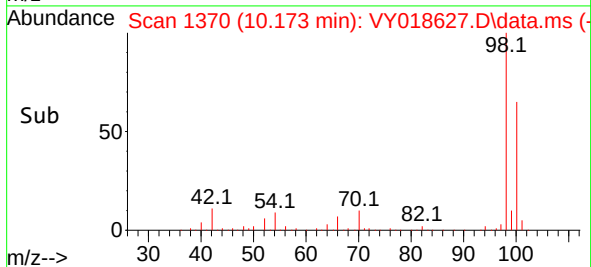
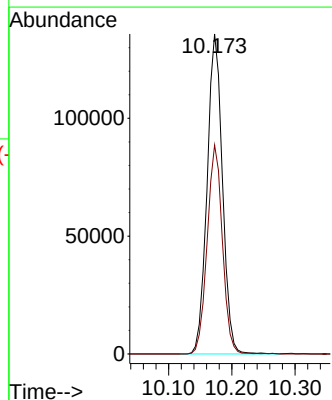
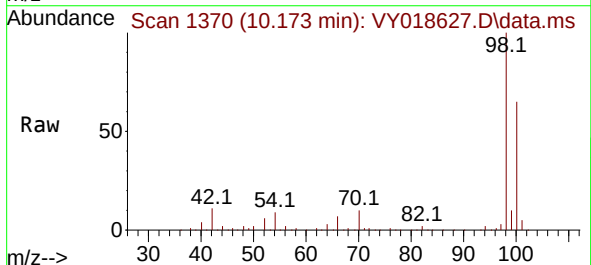
Instrument :
MSVOA_Y
ClientSampleId :
POLE

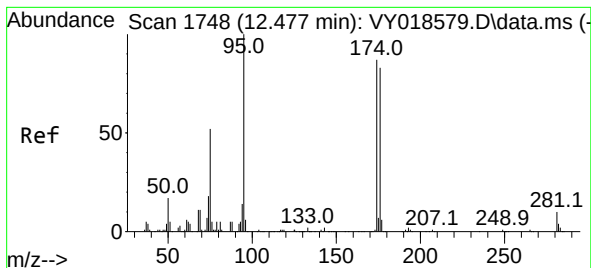
Tgt Ion:113 Resp: 58711
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 51.486 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018627.D
Acq: 18 Jun 2024 13:10

Tgt Ion: 98 Resp: 229263
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

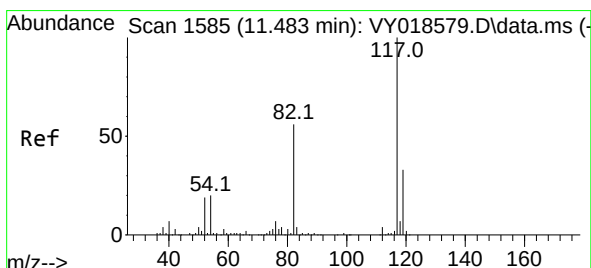
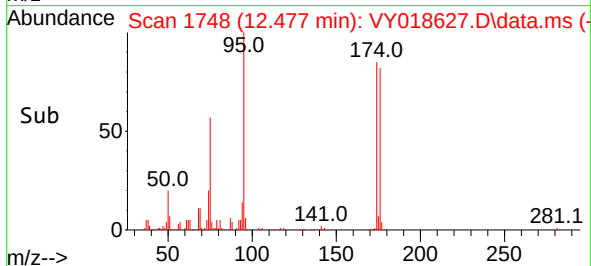
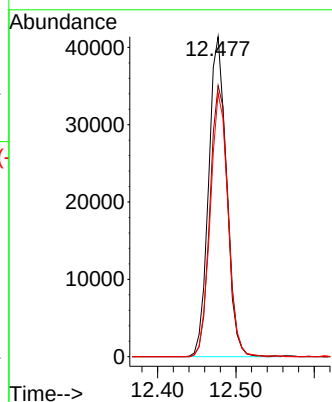
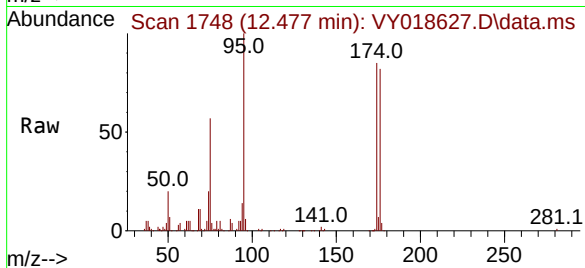




#62
4-Bromofluorobenzene
Concen: 46.416 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018627.D
Acq: 18 Jun 2024 13:10

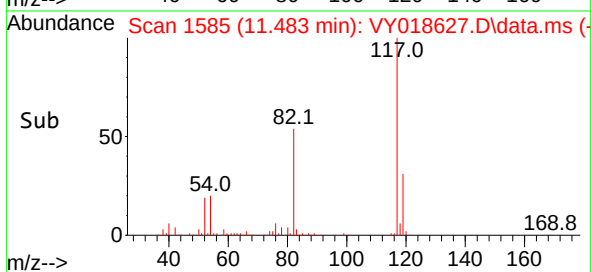
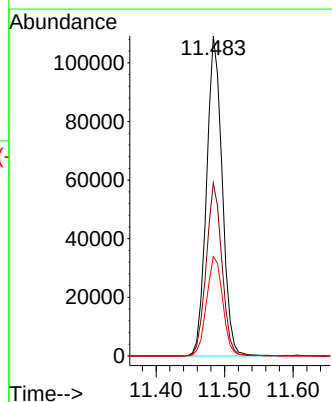
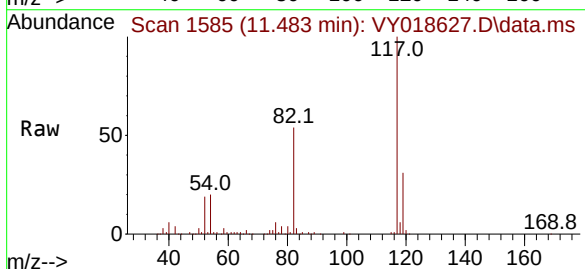
Instrument :
MSVOA_Y
ClientSampleId :
POLE

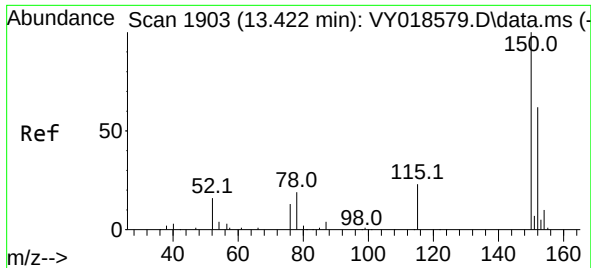
Tgt Ion: 95 Resp: 65266
Ion Ratio Lower Upper
95 100
174 85.9 0.0 175.6
176 82.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018627.D
Acq: 18 Jun 2024 13:10

Tgt Ion: 117 Resp: 173472
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 31.1 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: VY018627.D

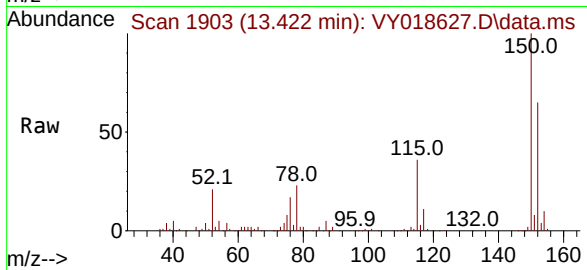
Acq: 18 Jun 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

POLE



Tgt Ion:152 Resp: 66600

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.5 0.0 345.6

