

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018892.D
 Acq On : 22 Jul 2024 15:45
 Operator : SY/MD
 Sample : P3314-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ206RE

Quant Time: Jul 23 01:52:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

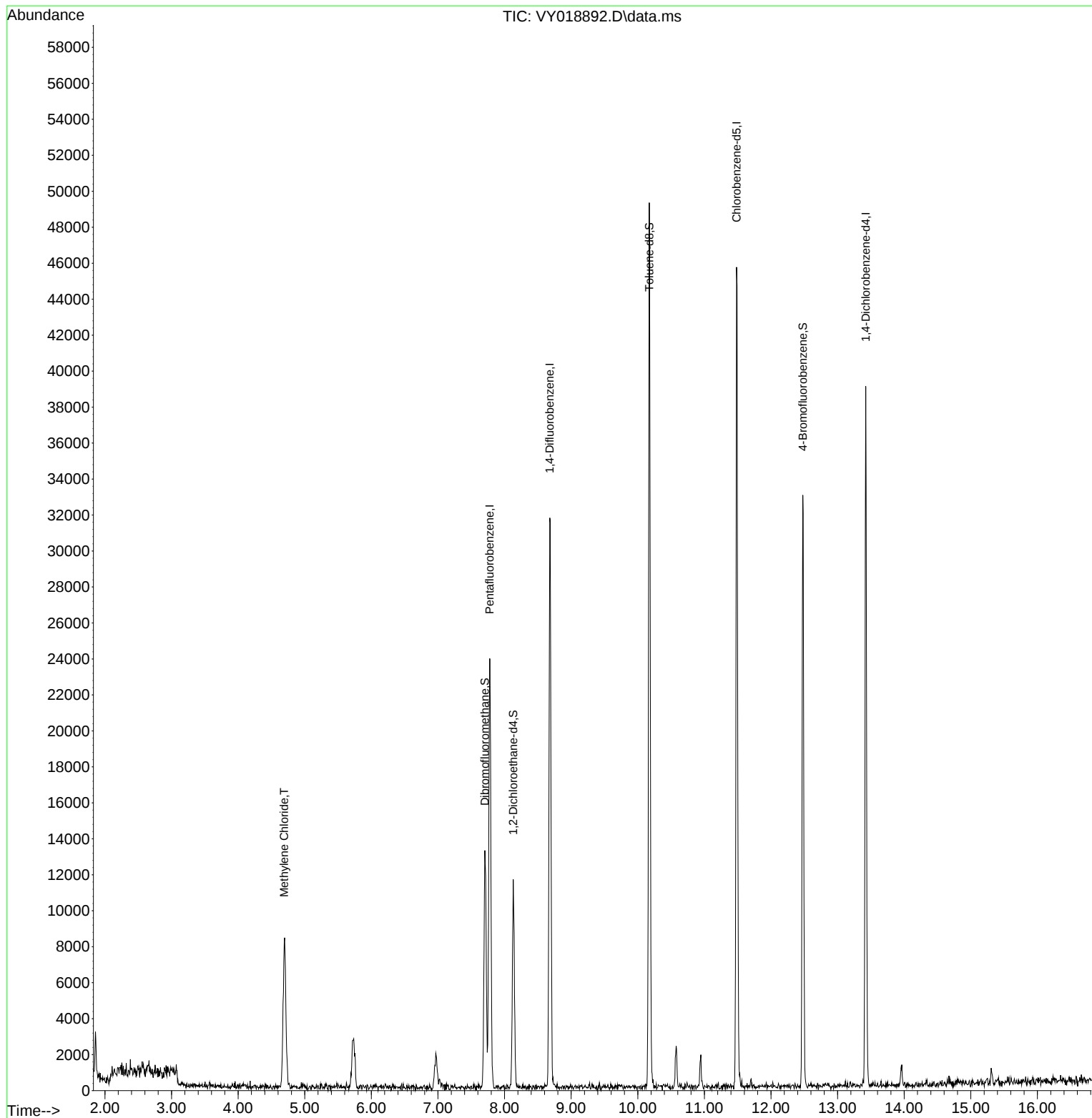
Internal Standards						
1) Pentafluorobenzene	7.777	168	18681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	28378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	25818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8193	44.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.140%
35) Dibromofluoromethane	7.704	113	8811	49.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.173	98	32251	47.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.477	95	10095	43.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.800%
Target Compounds						
20) Methylene Chloride	4.692	84	6361	31.284	ug/l	Qvalue 95

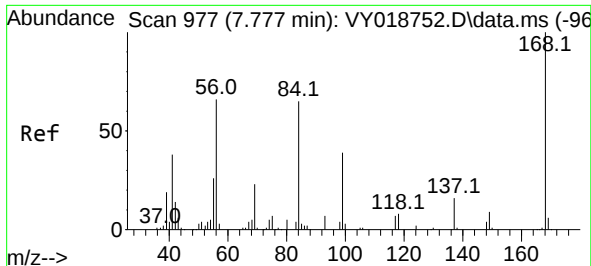
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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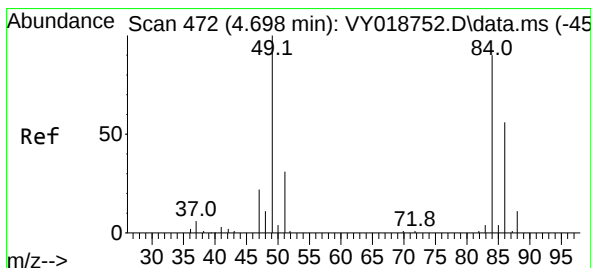
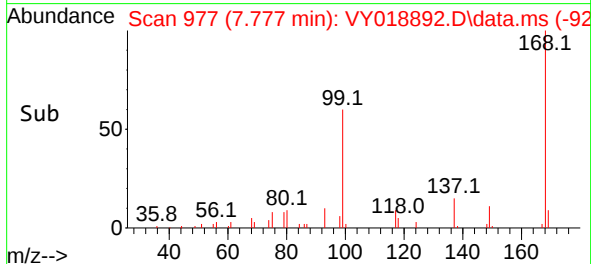
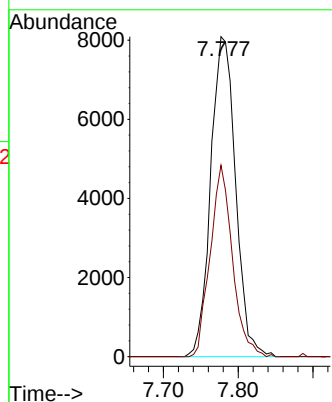
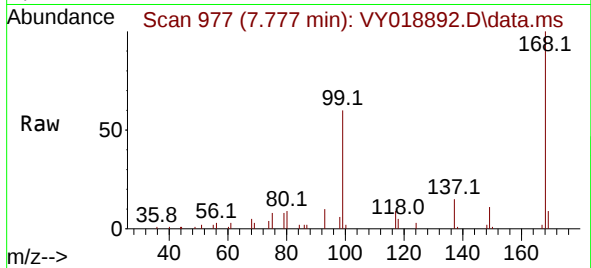




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

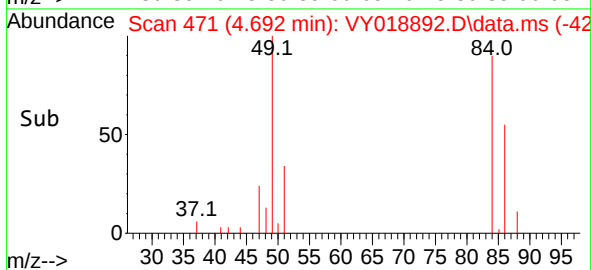
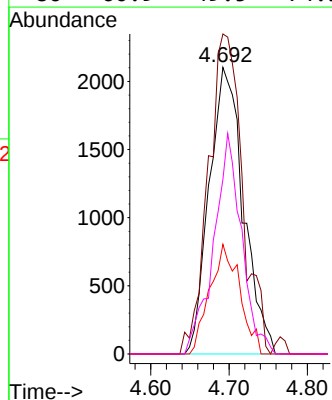
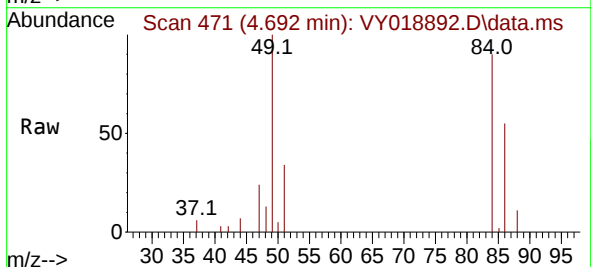
Instrument :
MSVOA_Y
ClientSampleId :
VNJ206RE

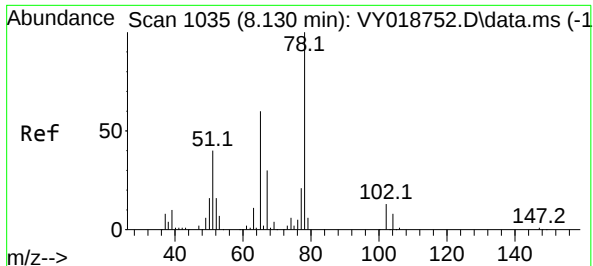
Tgt Ion:168 Resp: 18681
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#20
Methylene Chloride
Concen: 31.284 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion: 84 Resp: 6361
Ion Ratio Lower Upper
84 100
49 111.7 84.4 126.6
51 38.2 26.0 39.0
86 60.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 44.570 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018892.D

Acq: 22 Jul 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

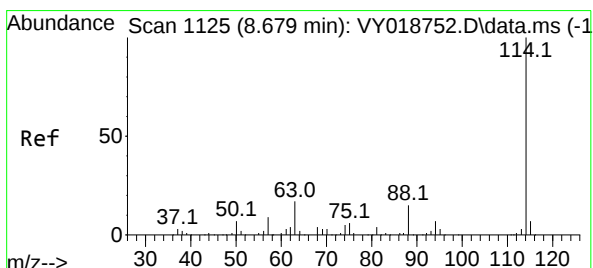
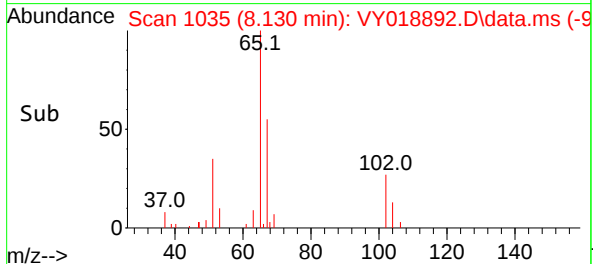
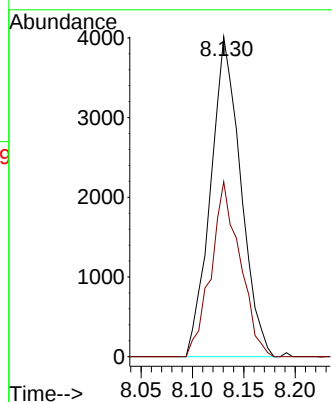
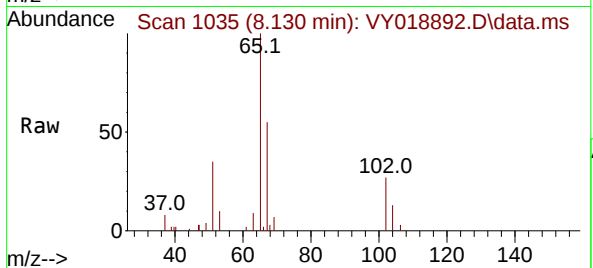
VNJ206RE

Tgt Ion: 65 Resp: 8193

Ion Ratio Lower Upper

65 100

67 52.5 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: VY018892.D

Acq: 22 Jul 2024 15:45

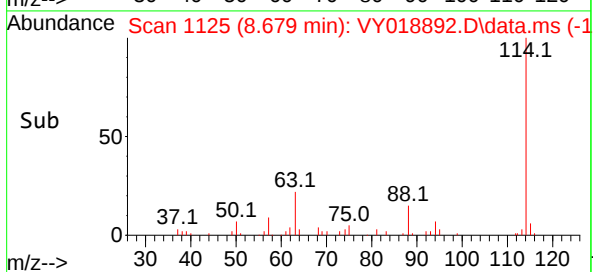
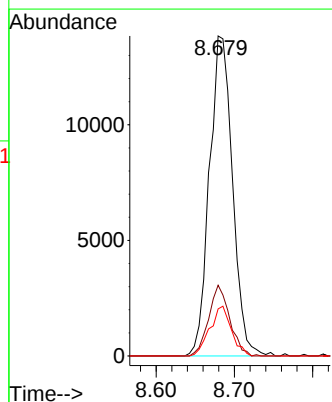
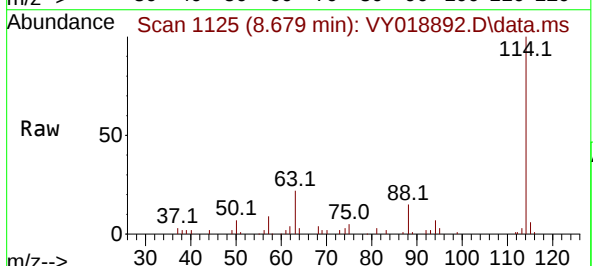
Tgt Ion: 114 Resp: 28378

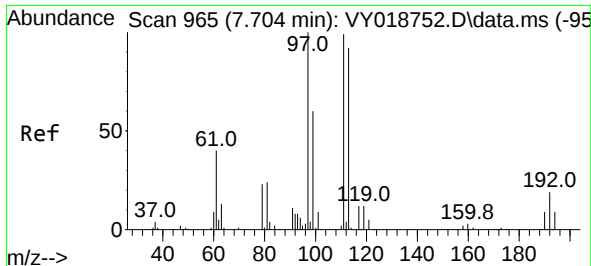
Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

88 14.7 0.0 27.2

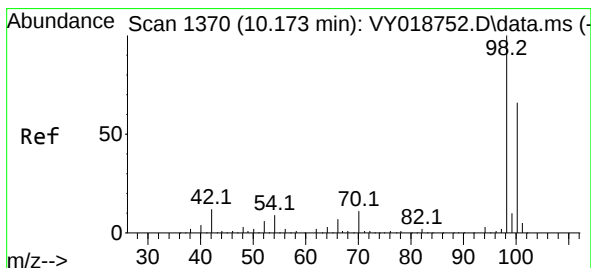
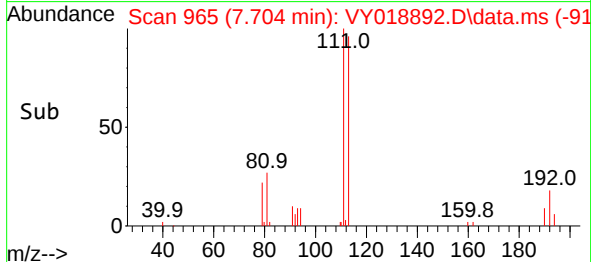
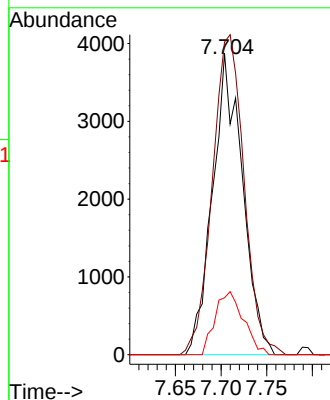
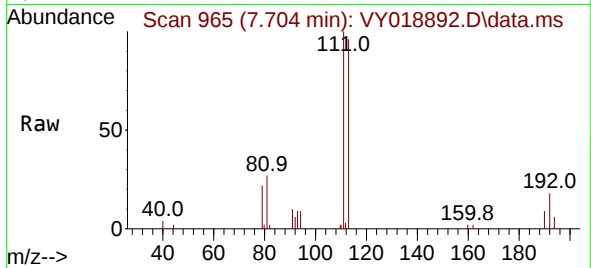




#35
Dibromofluoromethane
Concen: 49.573 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

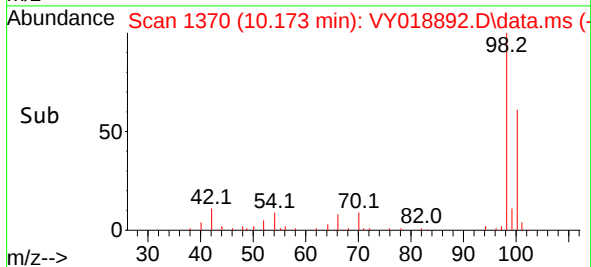
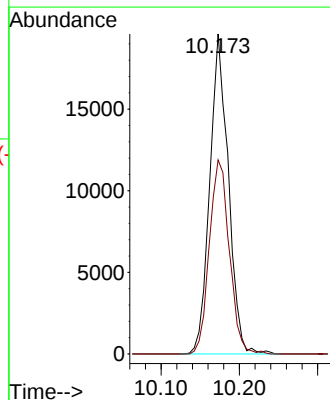
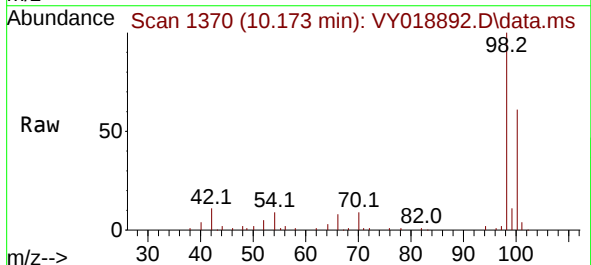
Instrument :
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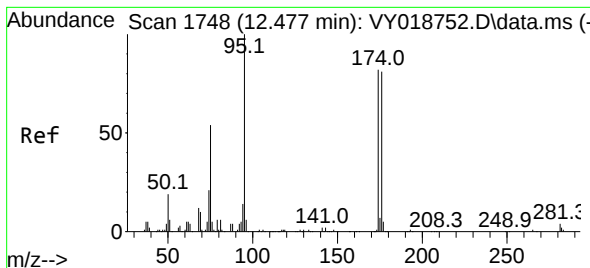
Tgt Ion:	113	Resp:	8811
Ion	Ratio	Lower	Upper
113	100		
111	112.3	82.2	123.4
192	19.9	15.9	23.9



#50
Toluene-d8
Concen: 47.895 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion:	98	Resp:	32251
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0

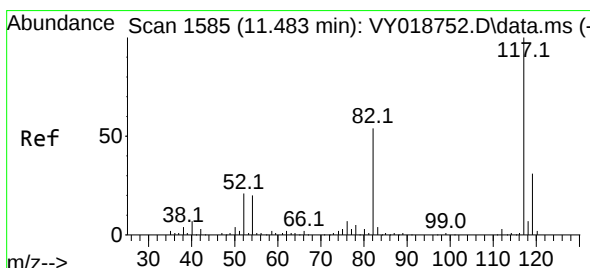
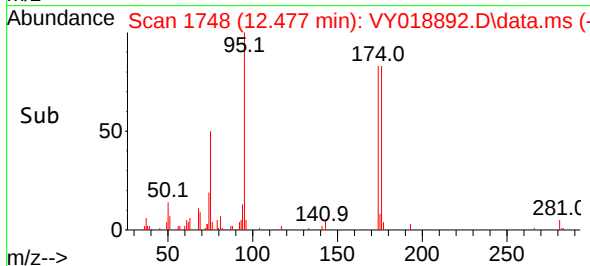
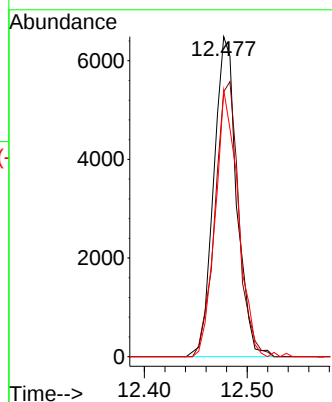
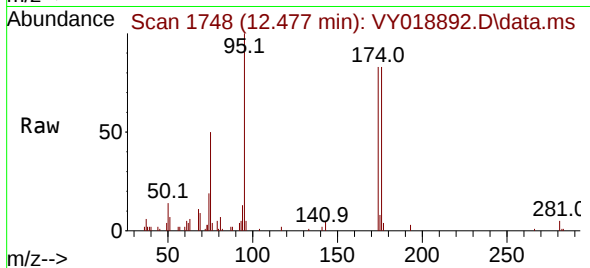




#62
4-Bromofluorobenzene
Concen: 43.899 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

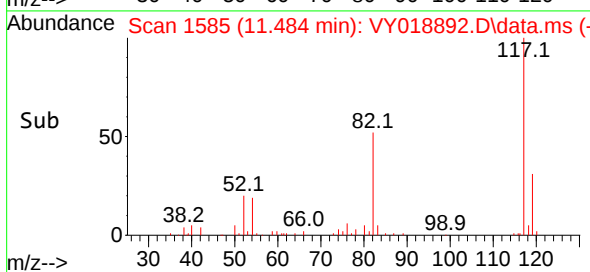
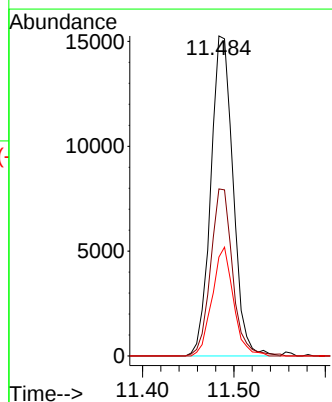
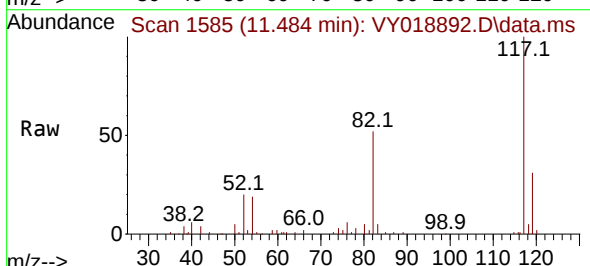
Instrument :
MSVOA_Y
ClientSampleId :
VNJ206RE

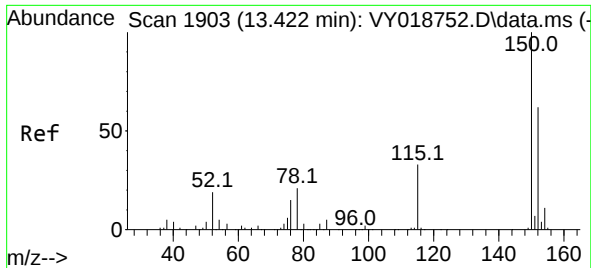
Tgt Ion:	95	Resp:	10095
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	175.6
176	83.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion:	117	Resp:	25818
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	30.9	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: VY018892.D

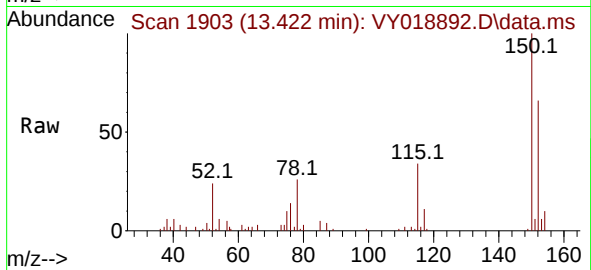
Acq: 22 Jul 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VNJ206RE



Tgt Ion:152 Resp: 10079

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 160.8 0.0 345.6

