

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018762.D
 Acq On : 10 Jul 2024 12:41
 Operator : SY/MD
 Sample : P3183-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-226

Quant Time: Jul 11 02:22:36 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)

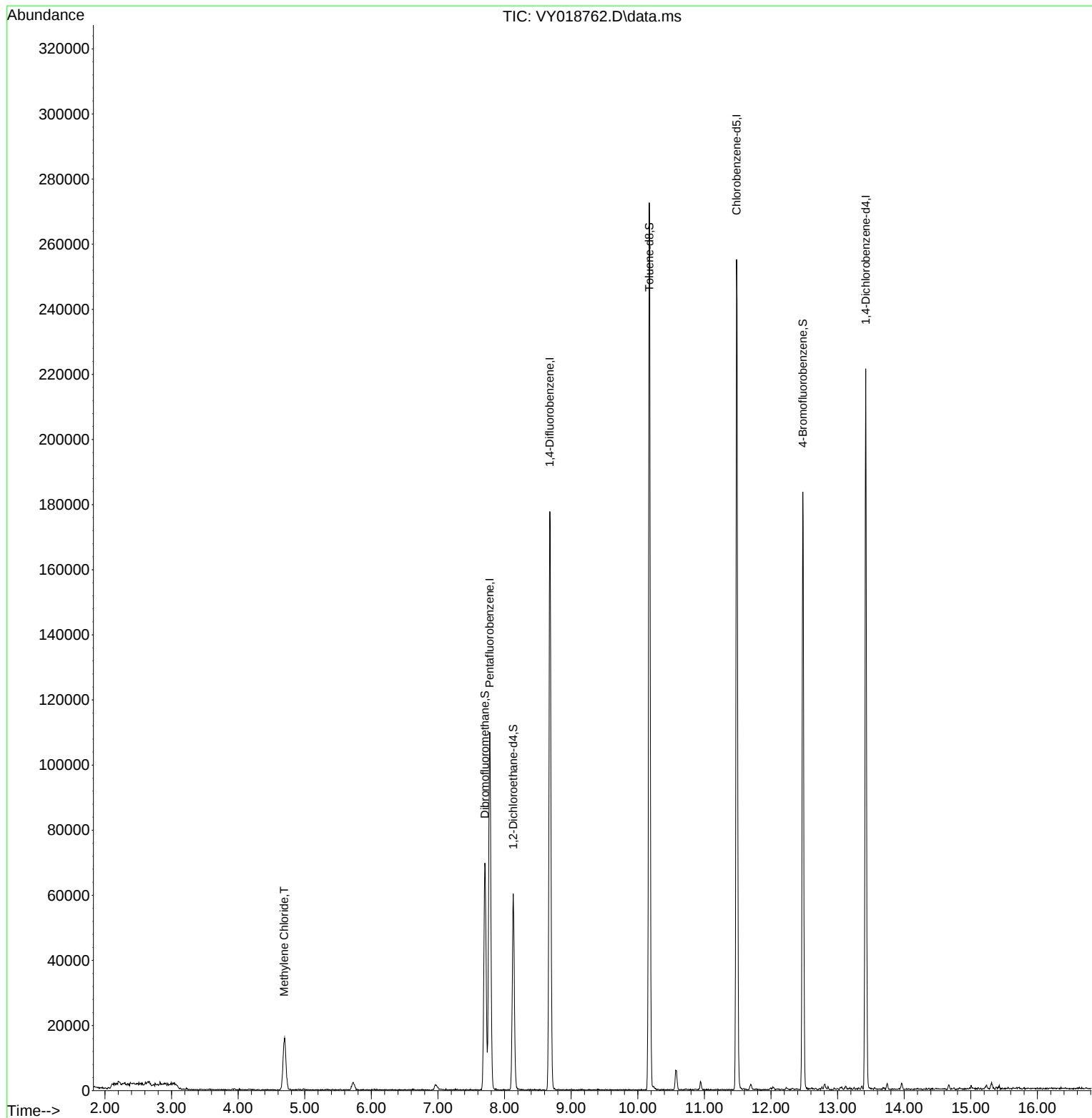
Internal Standards						
1) Pentafluorobenzene	7.777	168	87570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	156662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44339	51.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.900%
35) Dibromofluoromethane	7.704	113	47668	48.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.173	98	173680	46.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.477	95	56072	44.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.340%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.692	84	12396	9.785	ug/l	# 94

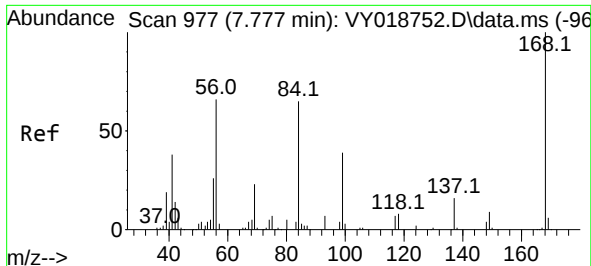
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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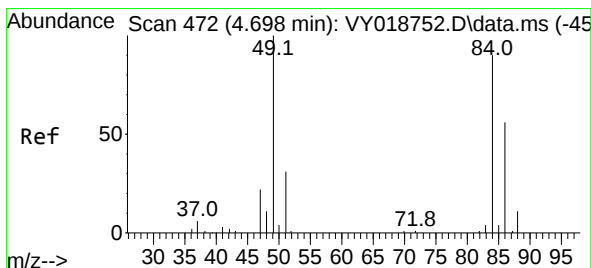
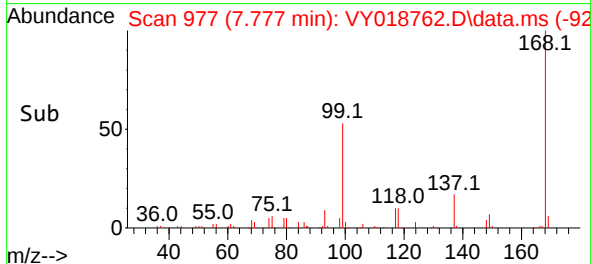
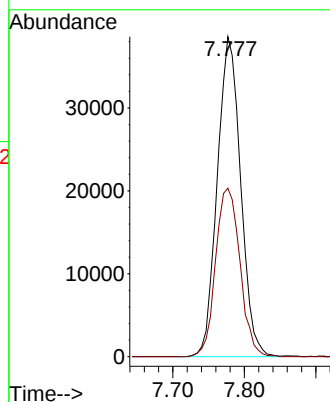
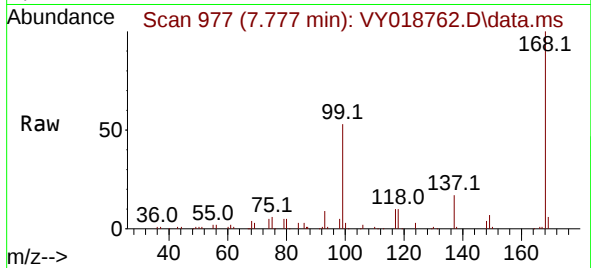




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

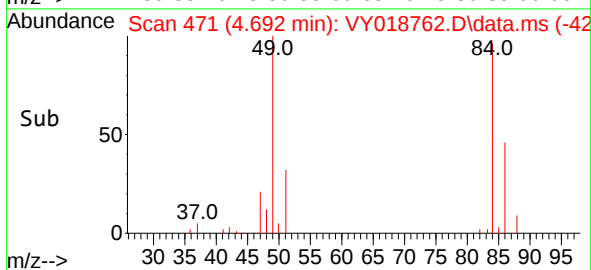
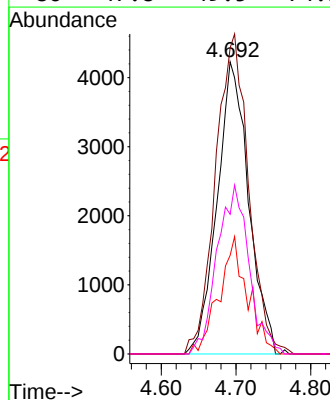
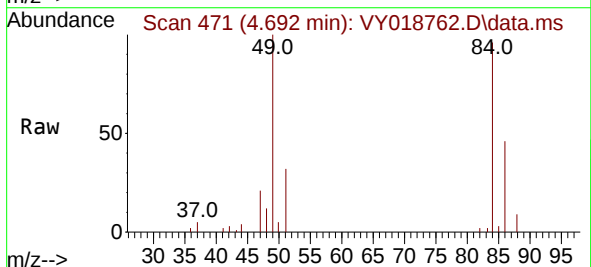
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-226

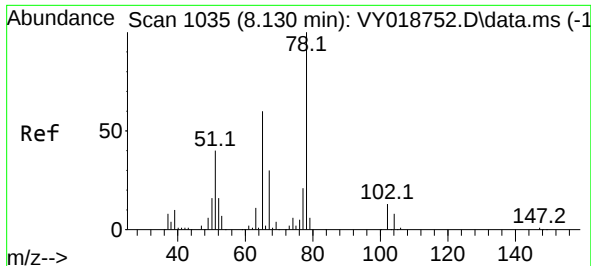
Tgt Ion:168 Resp: 87570
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#20
Methylene Chloride
Concen: 9.785 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Tgt Ion: 84 Resp: 12396
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 33.7 26.0 39.0
86 47.8 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 51.455 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018762.D

Acq: 10 Jul 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

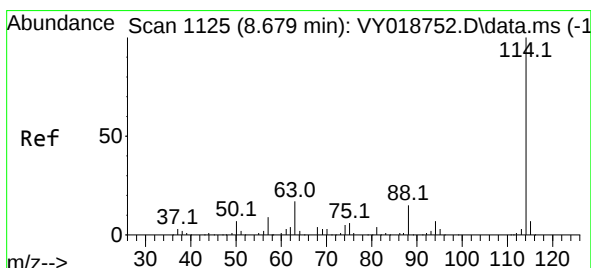
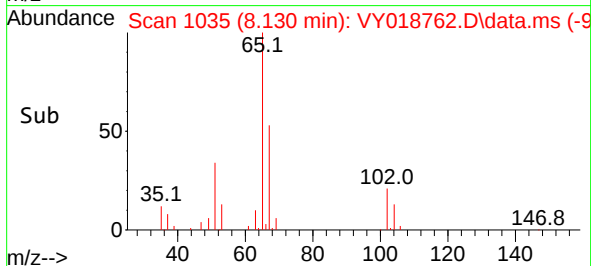
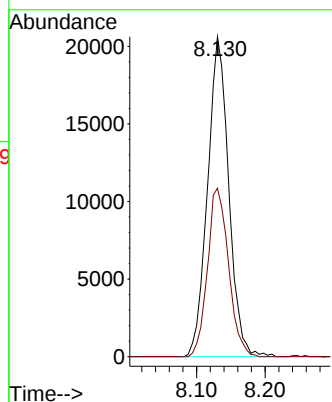
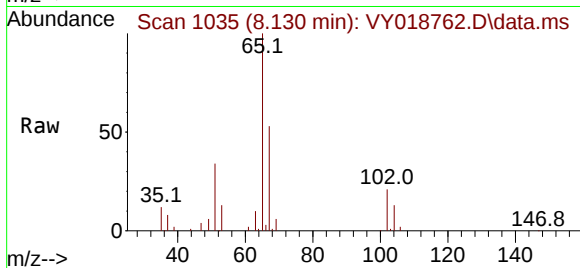
VNJ-226

Tgt Ion: 65 Resp: 44339

Ion Ratio Lower Upper

65 100

67 52.3 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: VY018762.D

Acq: 10 Jul 2024 12:41

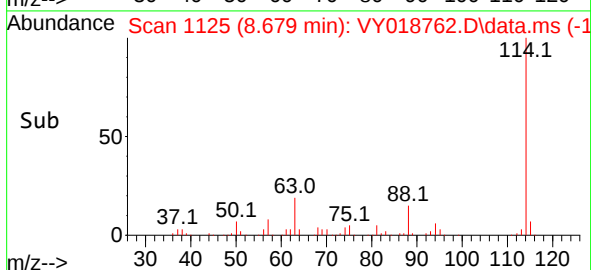
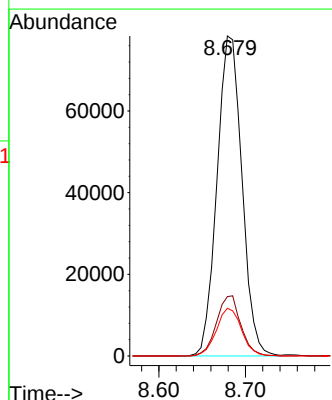
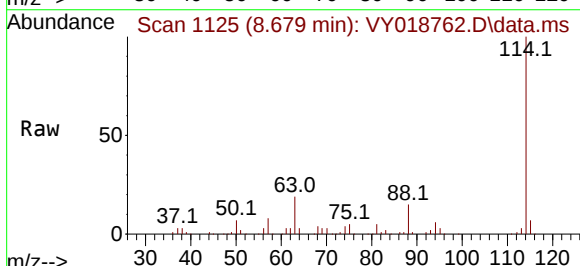
Tgt Ion: 114 Resp: 156662

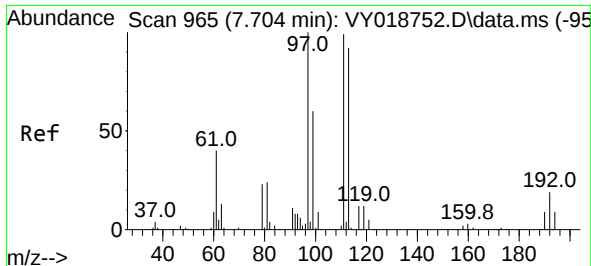
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.581 ug/l

RT: 7.704 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY018762.D

Acq: 10 Jul 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-226

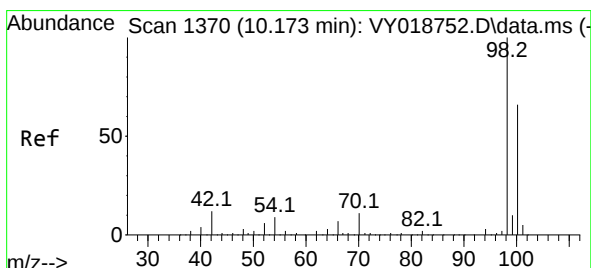
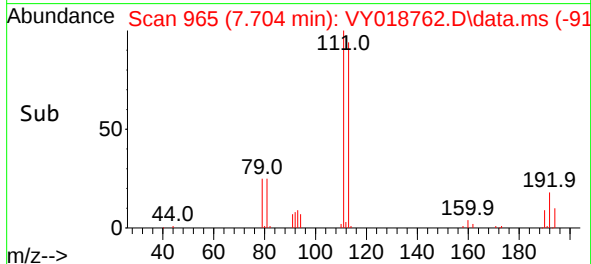
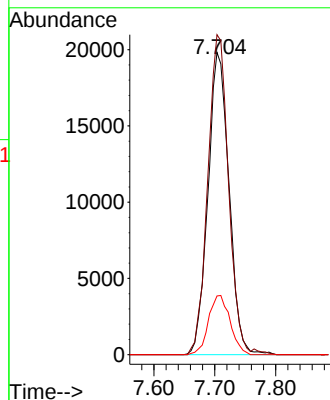
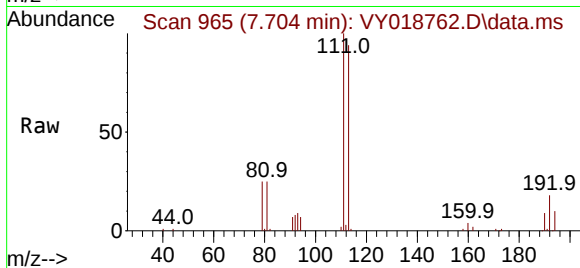
Tgt Ion:113 Resp: 47668

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 20.1 15.9 23.9



#50

Toluene-d8

Concen: 46.721 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018762.D

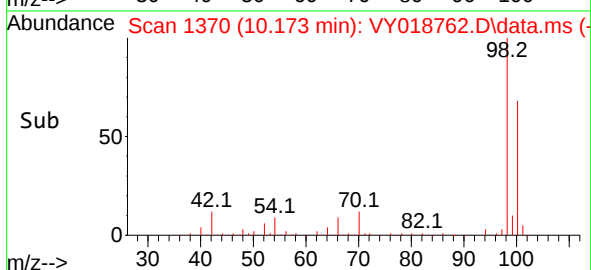
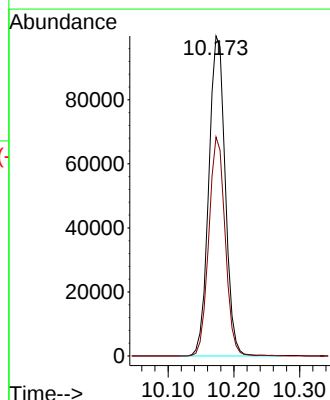
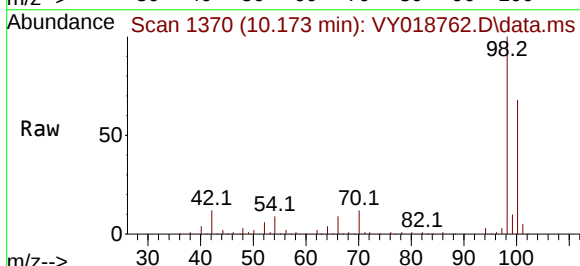
Acq: 10 Jul 2024 12:41

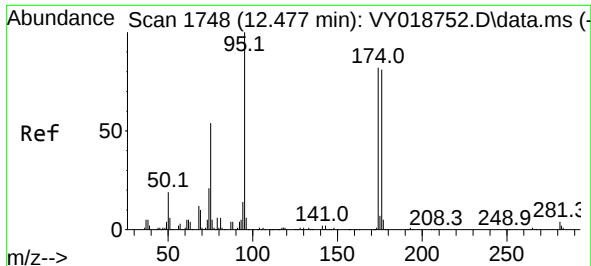
Tgt Ion: 98 Resp: 173680

Ion Ratio Lower Upper

98 100

100 67.9 52.0 78.0

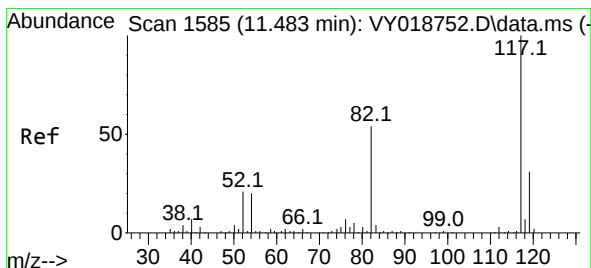
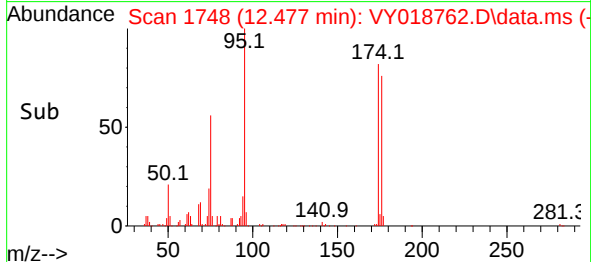
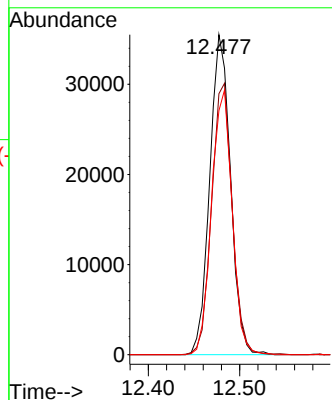
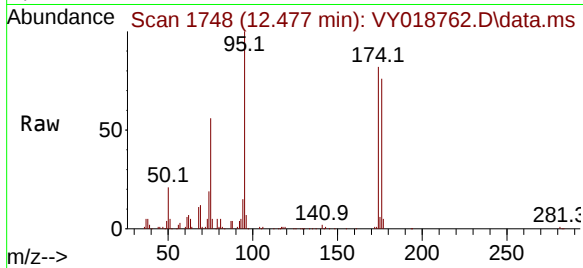




#62
4-Bromofluorobenzene
Concen: 44.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

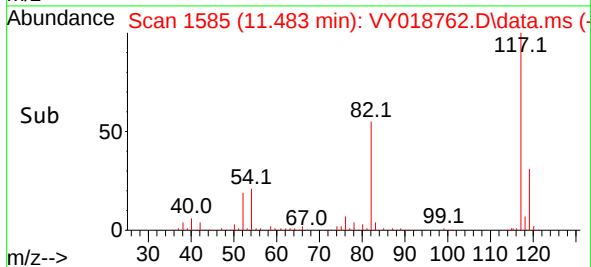
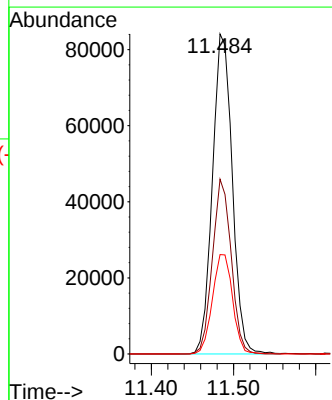
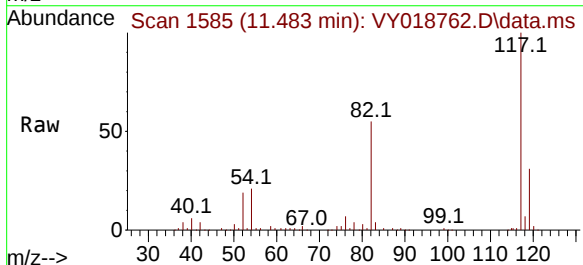
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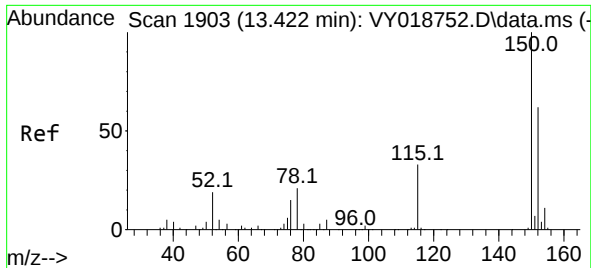
Tgt Ion:	95	Resp:	56072
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	175.6
176	82.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

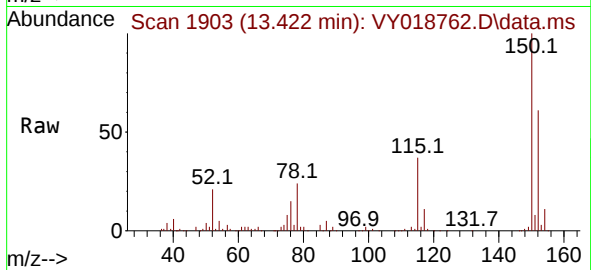
Tgt Ion:	117	Resp:	141070
Ion Ratio	Lower	Upper	
117	100		
82	54.6	42.4	63.6
119	31.1	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018762.D
 Acq: 10 Jul 2024 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-226



Tgt Ion:152 Resp: 54217
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.2 84.7
 150 158.8 0.0 345.6

