

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018797.D
 Acq On : 12 Jul 2024 15:02
 Operator : SY/MD
 Sample : P3208-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: Jul 12 15:27:25 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)

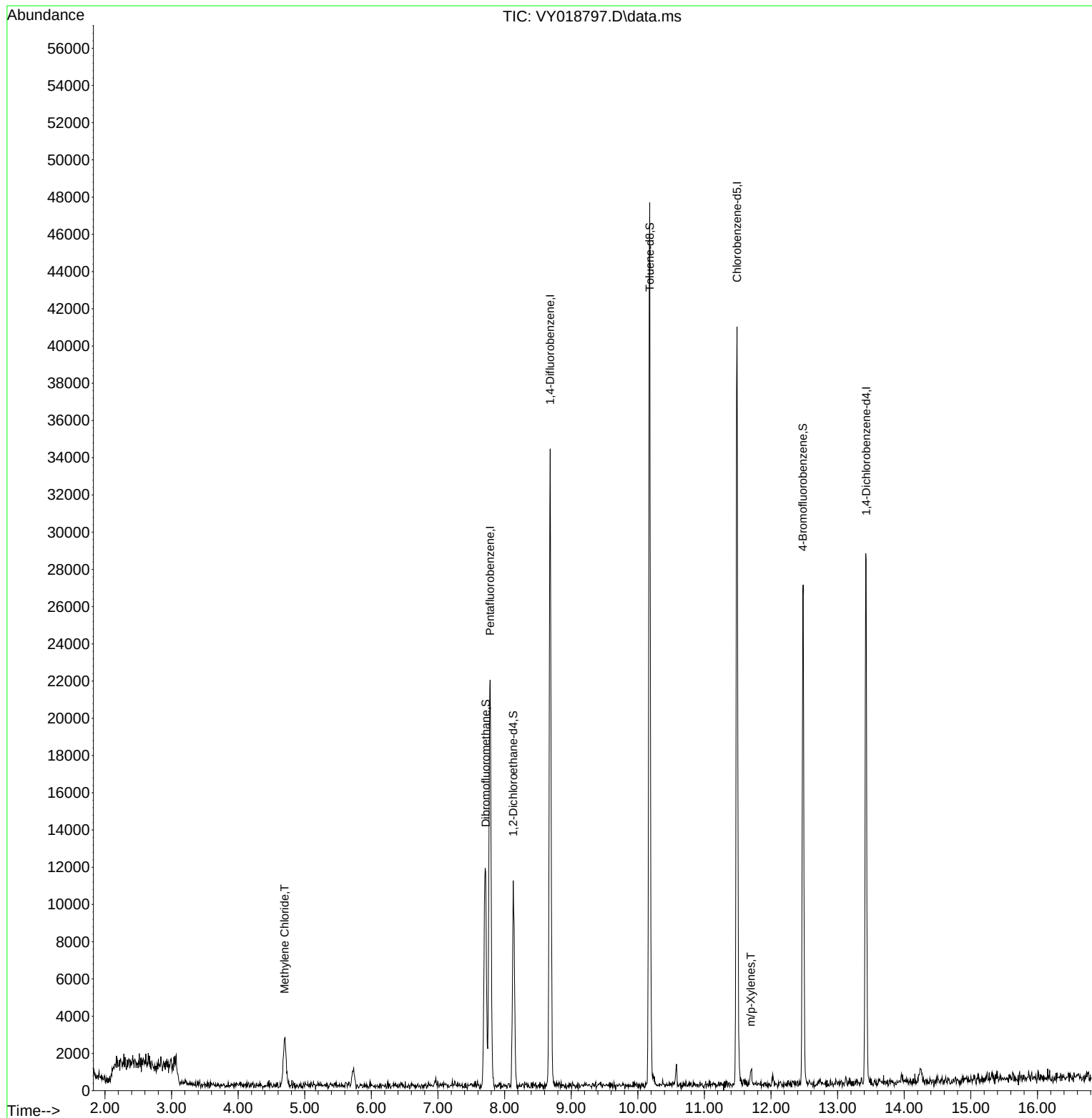
Internal Standards						
1) Pentafluorobenzene	7.783	168	18237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	28846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8412	46.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.760%
35) Dibromofluoromethane	7.716	113	8892	49.217	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.179	98	31150	45.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.477	95	8225	35.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.380%
Target Compounds						
20) Methylene Chloride	4.698	84	2061	6.701	ug/l #	75
68) m/p-Xylenes	11.697	106	357	1.085	ug/l	83

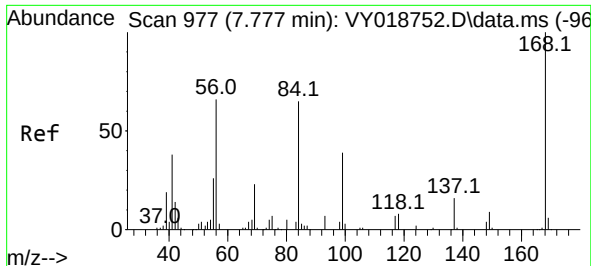
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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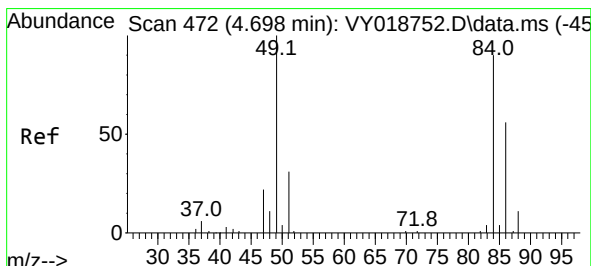
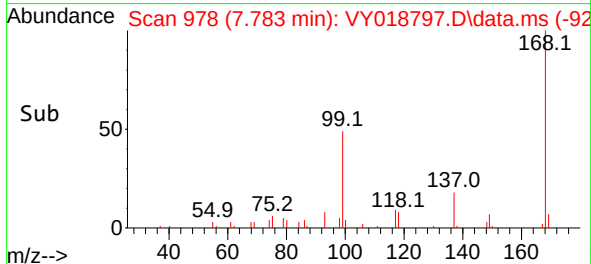
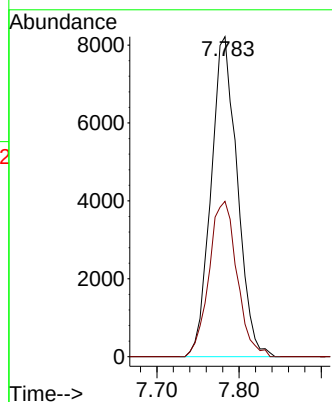
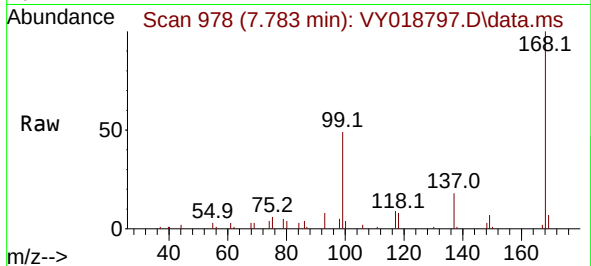




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018797.D
Acq: 12 Jul 2024 15:02

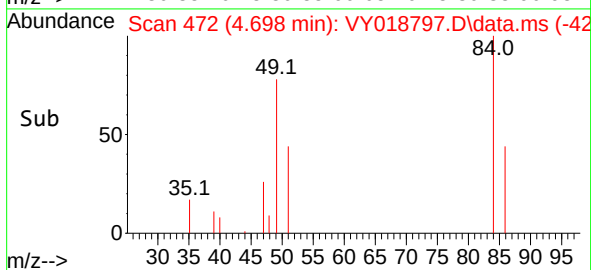
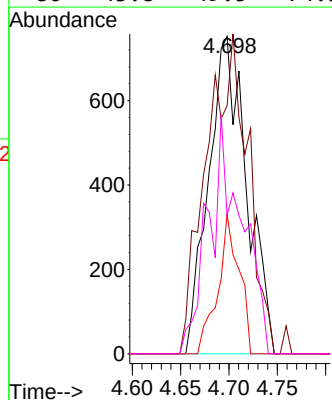
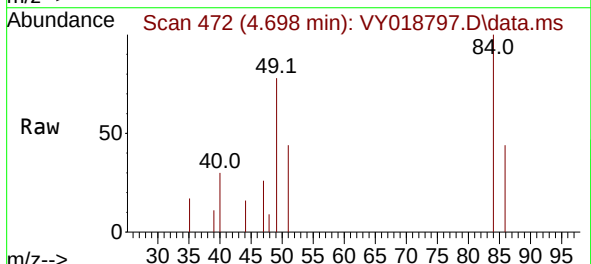
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

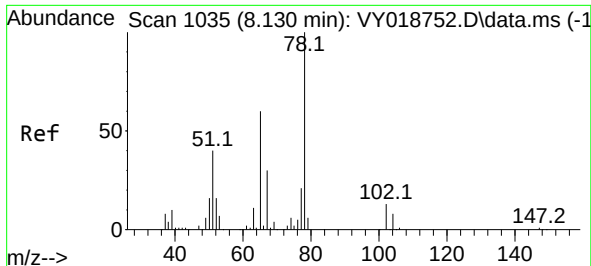
Tgt Ion:168 Resp: 18237
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#20
Methylene Chloride
Concen: 6.701 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018797.D
Acq: 12 Jul 2024 15:02

Tgt Ion: 84 Resp: 2061
Ion Ratio Lower Upper
84 100
49 78.2 84.4 126.6#
51 44.0 26.0 39.0#
86 43.8 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 46.875 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018797.D

Acq: 12 Jul 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

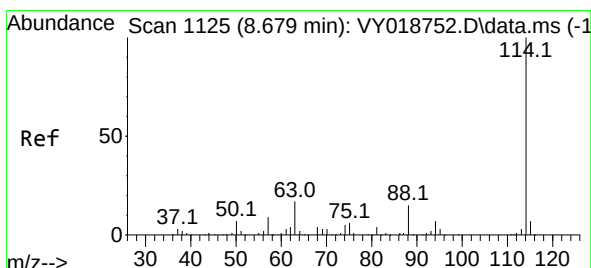
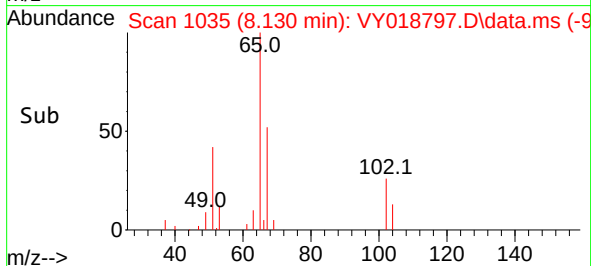
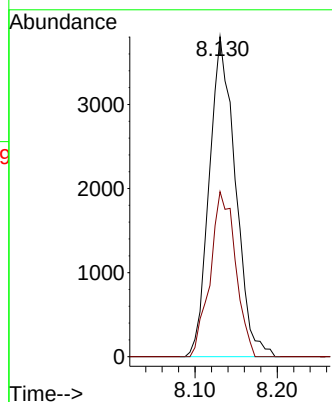
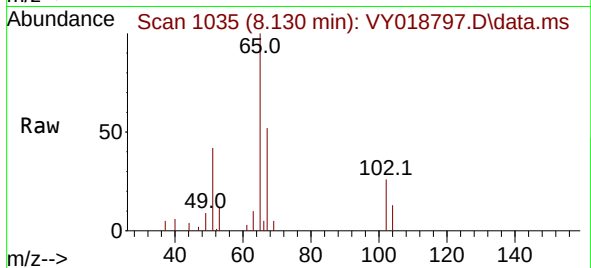
VNJ-207

Tgt Ion: 65 Resp: 8412

Ion Ratio Lower Upper

65 100

67 49.9 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: VY018797.D

Acq: 12 Jul 2024 15:02

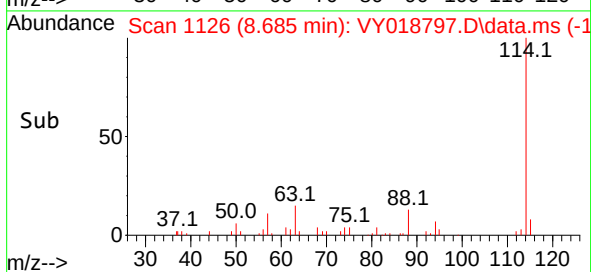
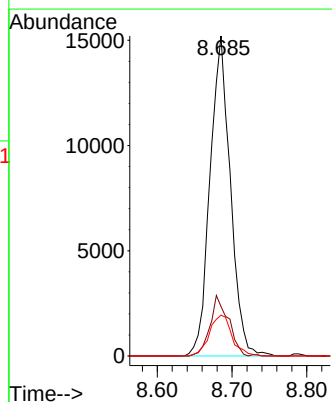
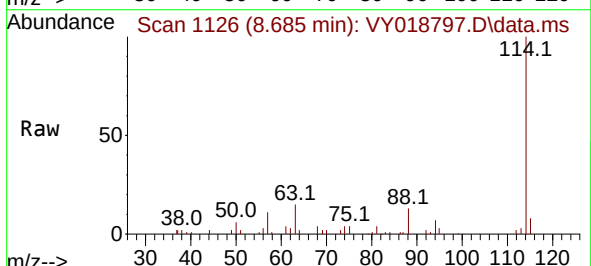
Tgt Ion: 114 Resp: 28846

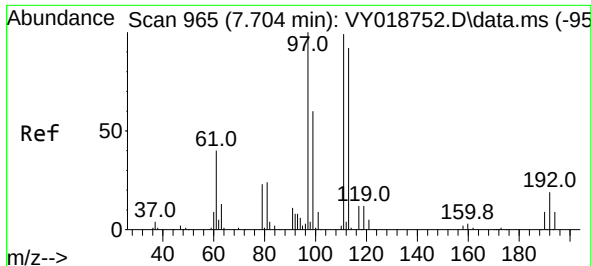
Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.0

88 12.7 0.0 27.2

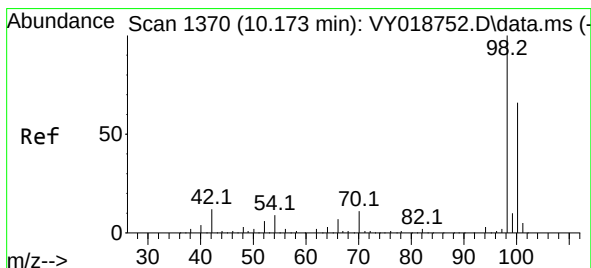
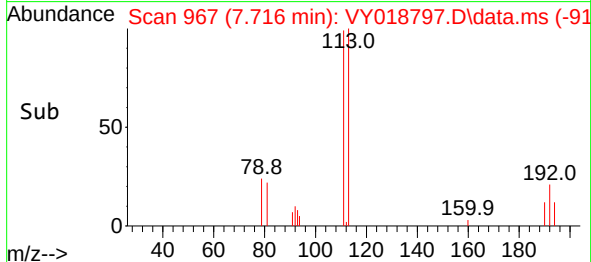
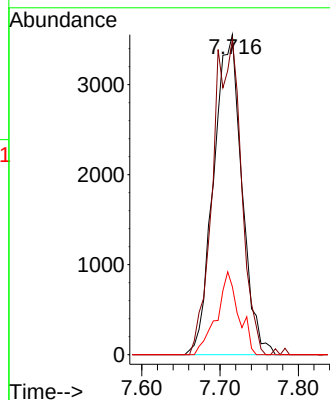
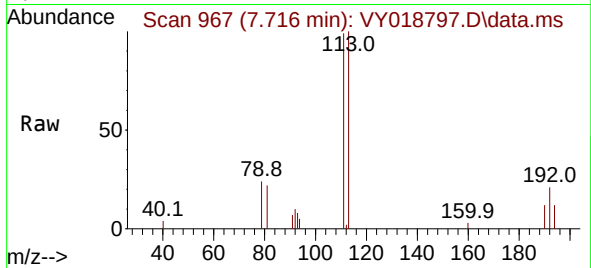




#35
 Dibromofluoromethane
 Concen: 49.217 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VY018797.D
 Acq: 12 Jul 2024 15:02

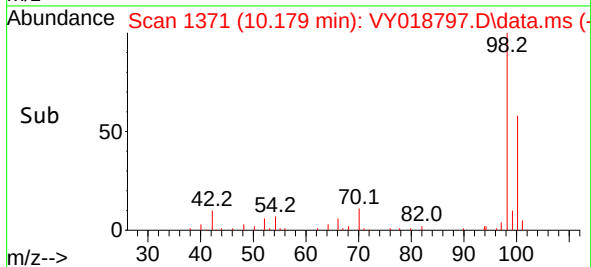
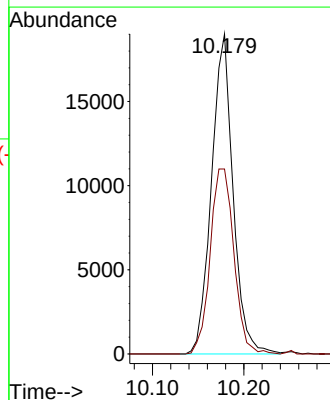
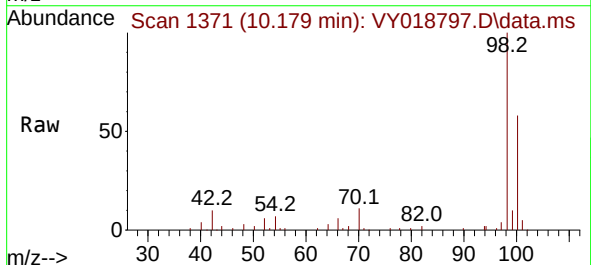
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

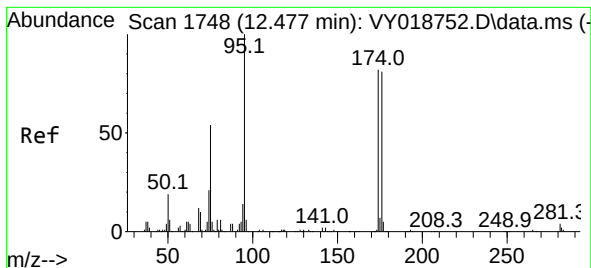
Tgt Ion:	113	Resp:	8892
Ion	Ratio	Lower	Upper
113	100		
111	99.2	82.2	123.4
192	20.2	15.9	23.9



#50
 Toluene-d8
 Concen: 45.509 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY018797.D
 Acq: 12 Jul 2024 15:02

Tgt Ion:	98	Resp:	31150
Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0

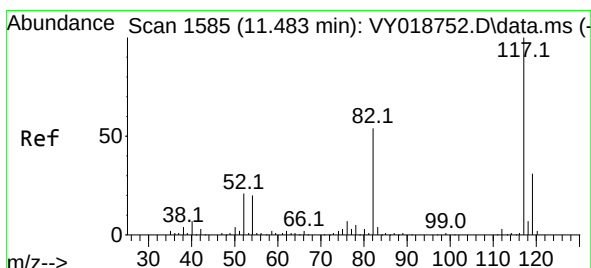
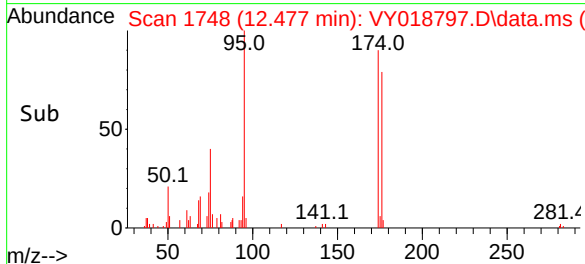
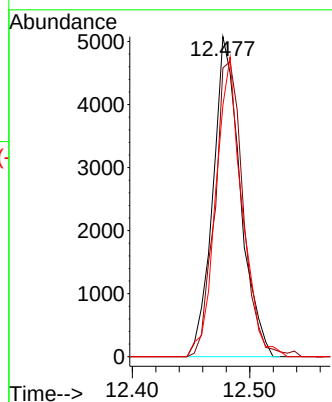
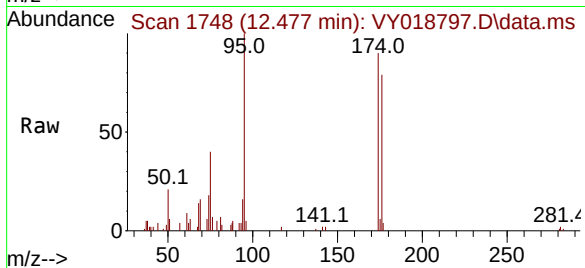




#62
4-Bromofluorobenzene
Concen: 35.187 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018797.D
Acq: 12 Jul 2024 15:02

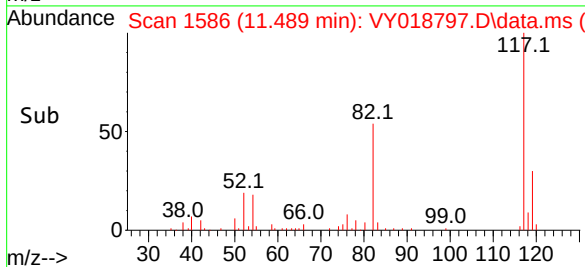
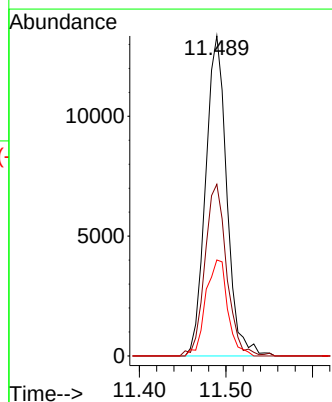
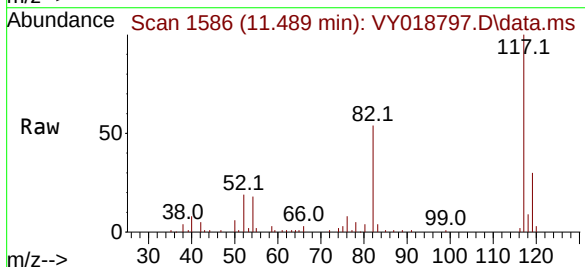
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

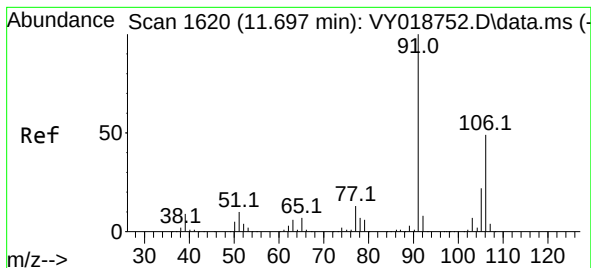
Tgt Ion:	95	Resp:	8225
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	175.6
176	89.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018797.D
Acq: 12 Jul 2024 15:02

Tgt Ion:	117	Resp:	22689
Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	30.0	25.9	38.9





#68

m/p-Xylenes

Concen: 1.085 ug/l

RT: 11.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018797.D

Acq: 12 Jul 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

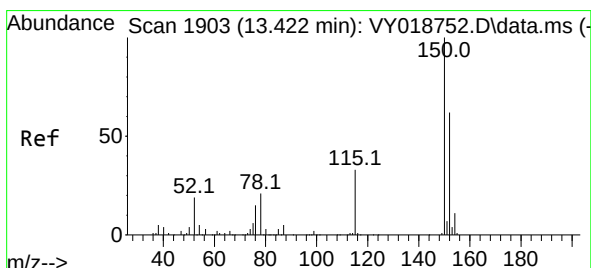
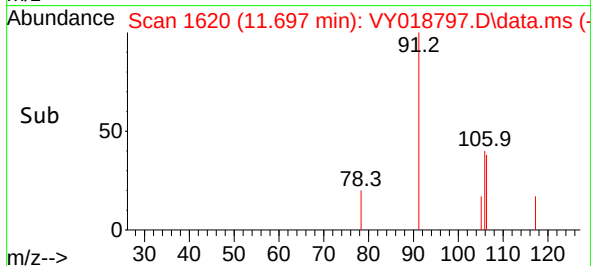
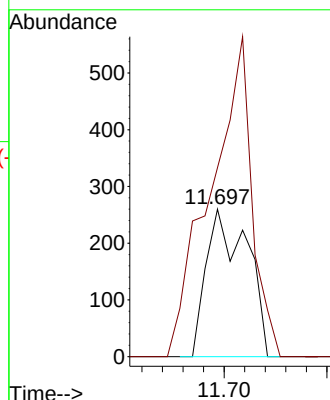
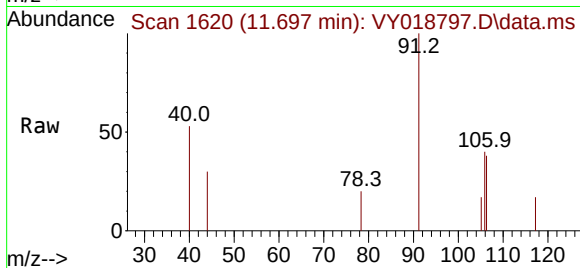
VNJ-207

Tgt Ion:106 Resp: 357

Ion Ratio Lower Upper

106 100

91 219.9 156.0 234.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018797.D

Acq: 12 Jul 2024 15:02

Tgt Ion:152 Resp: 7386

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 169.1 0.0 345.6

