

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018763.D
 Acq On : 10 Jul 2024 13:06
 Operator : SY/MD
 Sample : P3183-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-229

Quant Time: Jul 11 02:23:01 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)

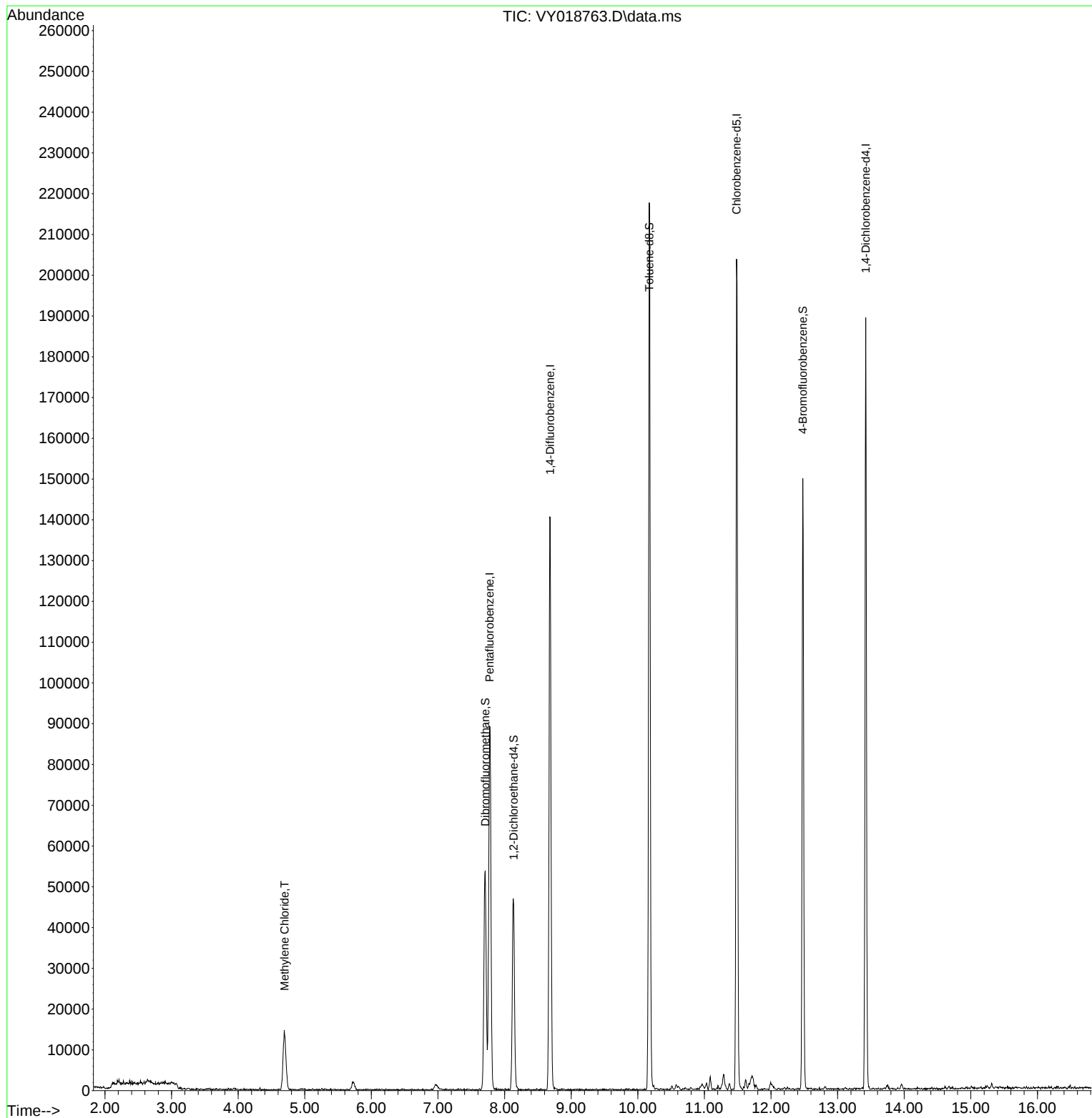
Internal Standards						
1) Pentafluorobenzene	7.777	168	72914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	125039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38085	53.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.160%	
35) Dibromofluoromethane	7.710	113	37867	48.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.173	98	139449	47.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.000%	
62) 4-Bromofluorobenzene	12.477	95	45549	44.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.900%	
Target Compounds						
20) Methylene Chloride	4.698	84	10941	10.704	ug/l	Qvalue 91

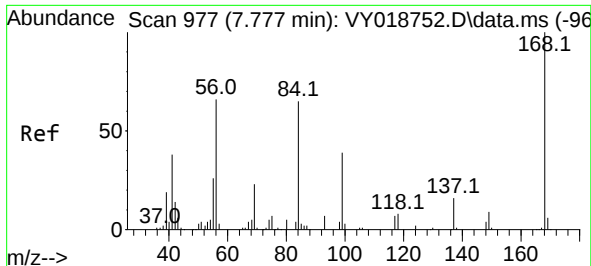
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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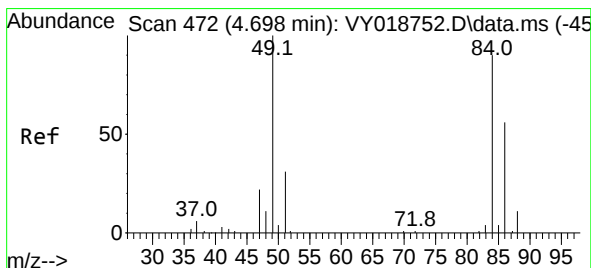
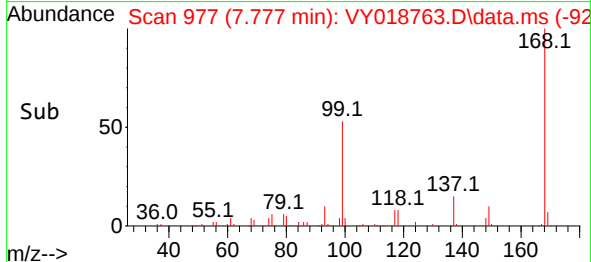
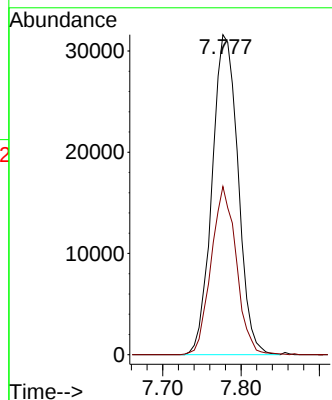
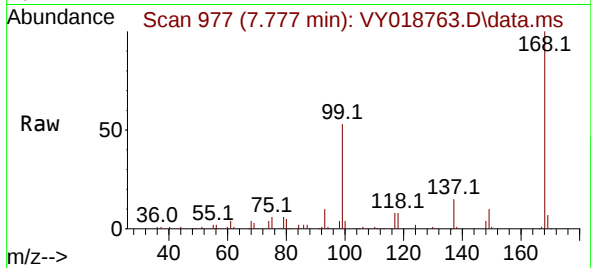




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

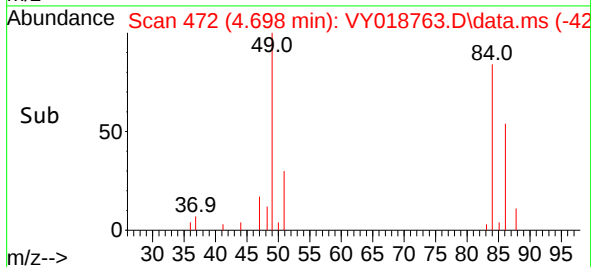
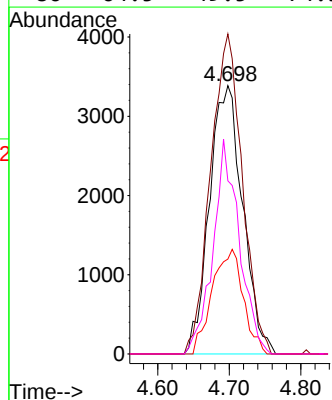
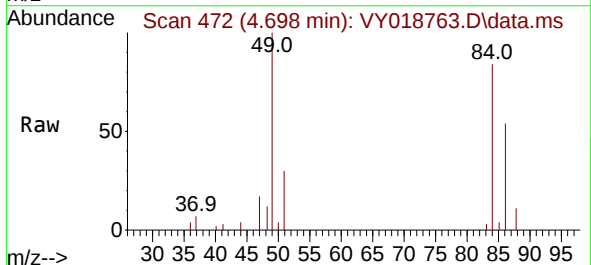
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-229

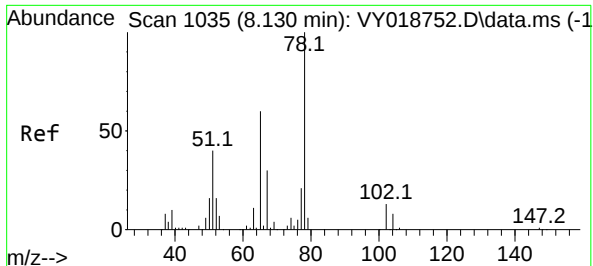
Tgt Ion:168 Resp: 72914
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#20
Methylene Chloride
Concen: 10.704 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 84 Resp: 10941
Ion Ratio Lower Upper
84 100
49 119.3 84.4 126.6
51 35.3 26.0 39.0
86 64.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 53.081 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY018763.D

Acq: 10 Jul 2024 13:06

Instrument :

MSVOA_Y

ClientSampleId :

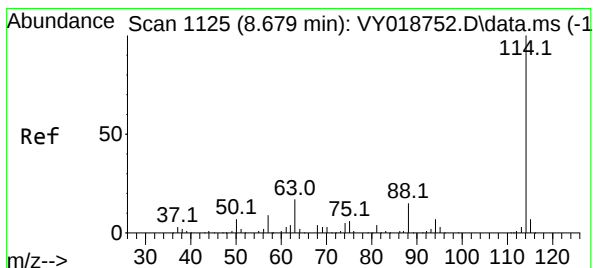
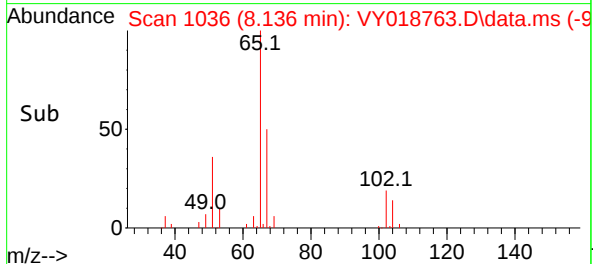
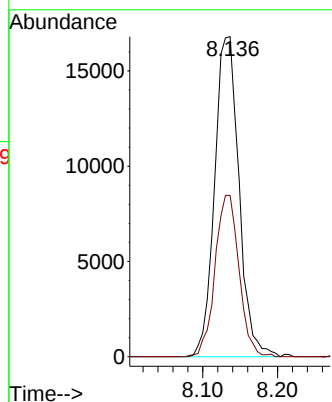
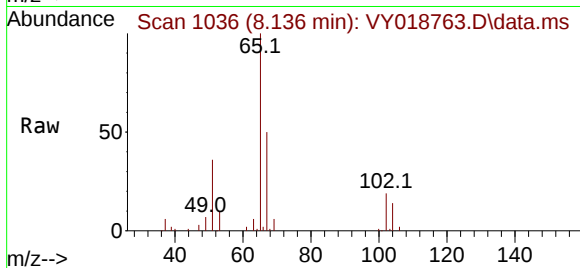
VNJ-229

Tgt Ion: 65 Resp: 38085

Ion Ratio Lower Upper

65 100

67 49.5 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: VY018763.D

Acq: 10 Jul 2024 13:06

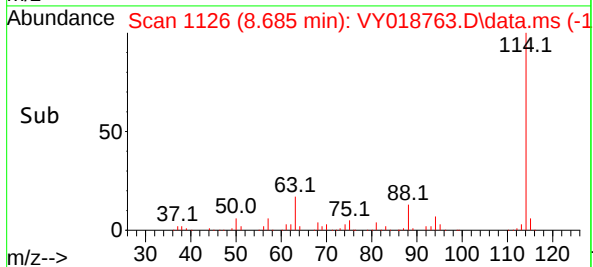
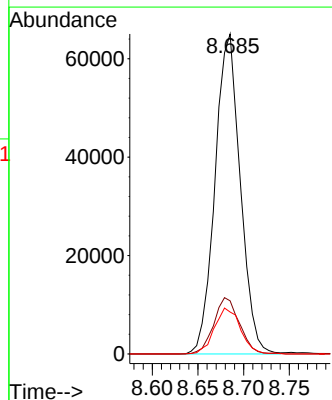
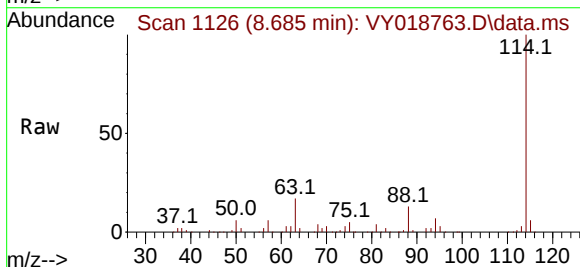
Tgt Ion: 114 Resp: 125039

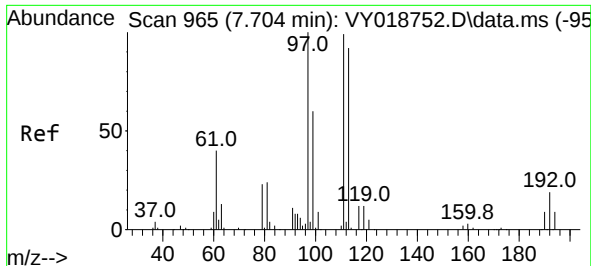
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.1 0.0 27.2

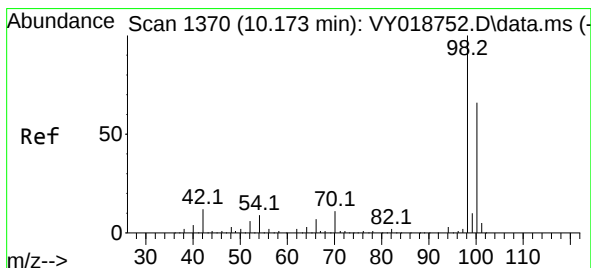
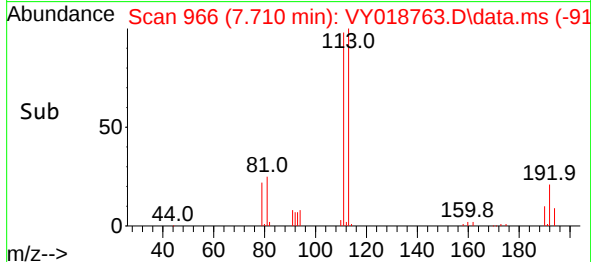
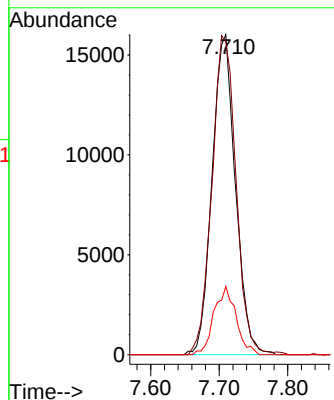
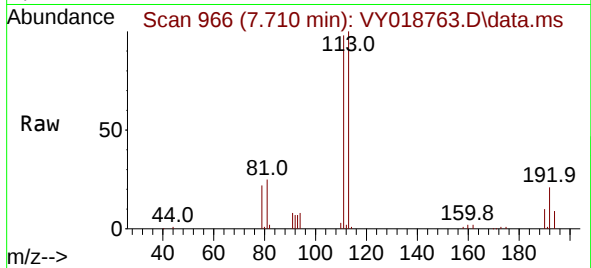




#35
Dibromofluoromethane
Concen: 48.352 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

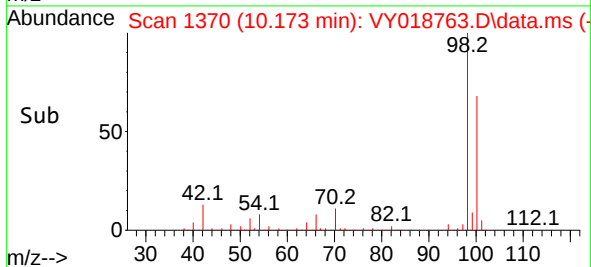
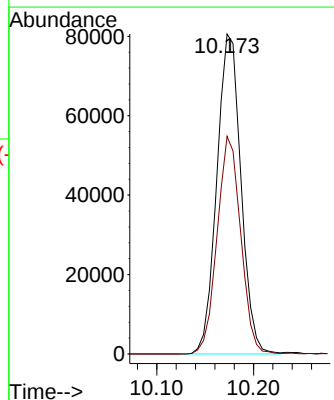
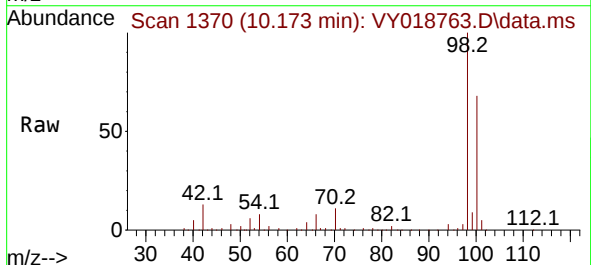
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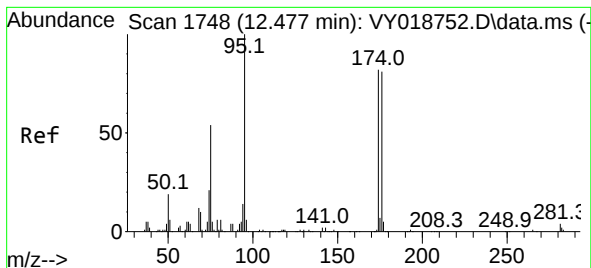
Tgt Ion:113 Resp: 37867
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.1 15.9 23.9



#50
Toluene-d8
Concen: 47.000 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 98 Resp: 139449
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

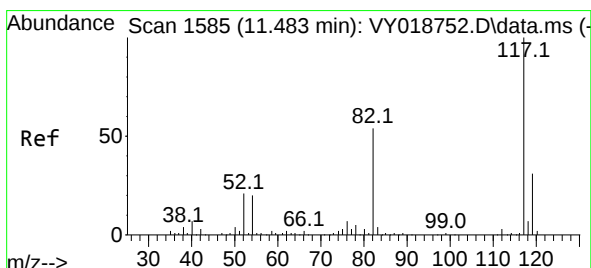
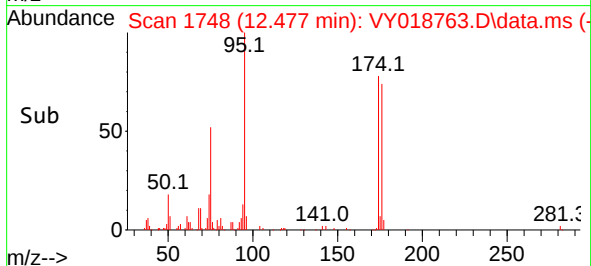
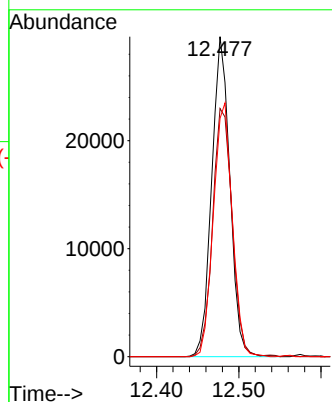
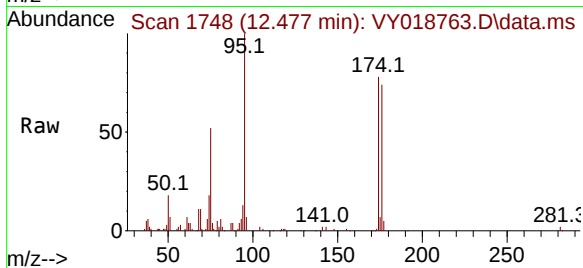




#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

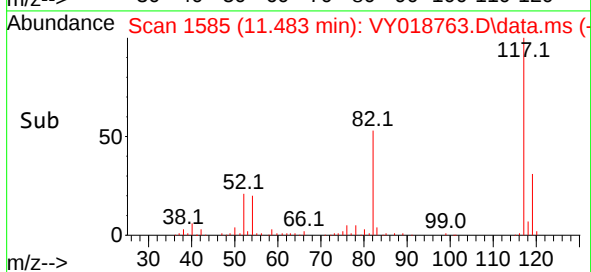
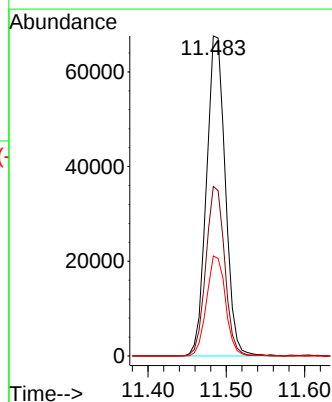
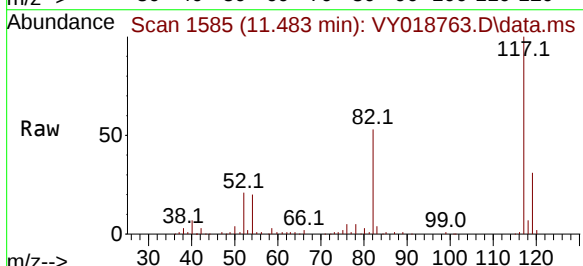
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MSVOA_Y
ClientSampleId :
VNJ-229

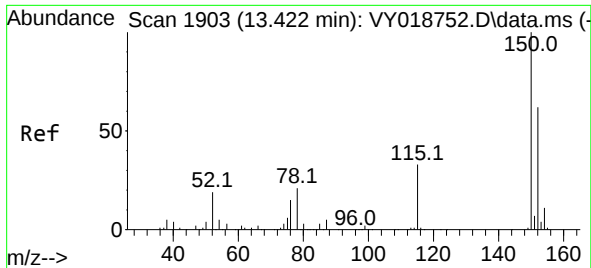
Tgt Ion: 95 Resp: 45549
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.6
176 82.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 117 Resp: 112710
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.3 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: VY018763.D

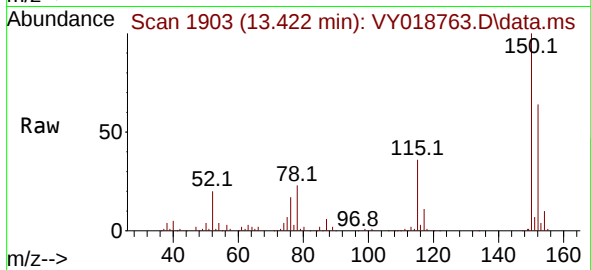
Acq: 10 Jul 2024 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-229



Tgt Ion:152 Resp: 47220

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 152.0 0.0 345.6

