

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015918.D
 Acq On : 11 Oct 2023 13:00
 Operator : SY/MD
 Sample : 04817-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Oct 12 01:56:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

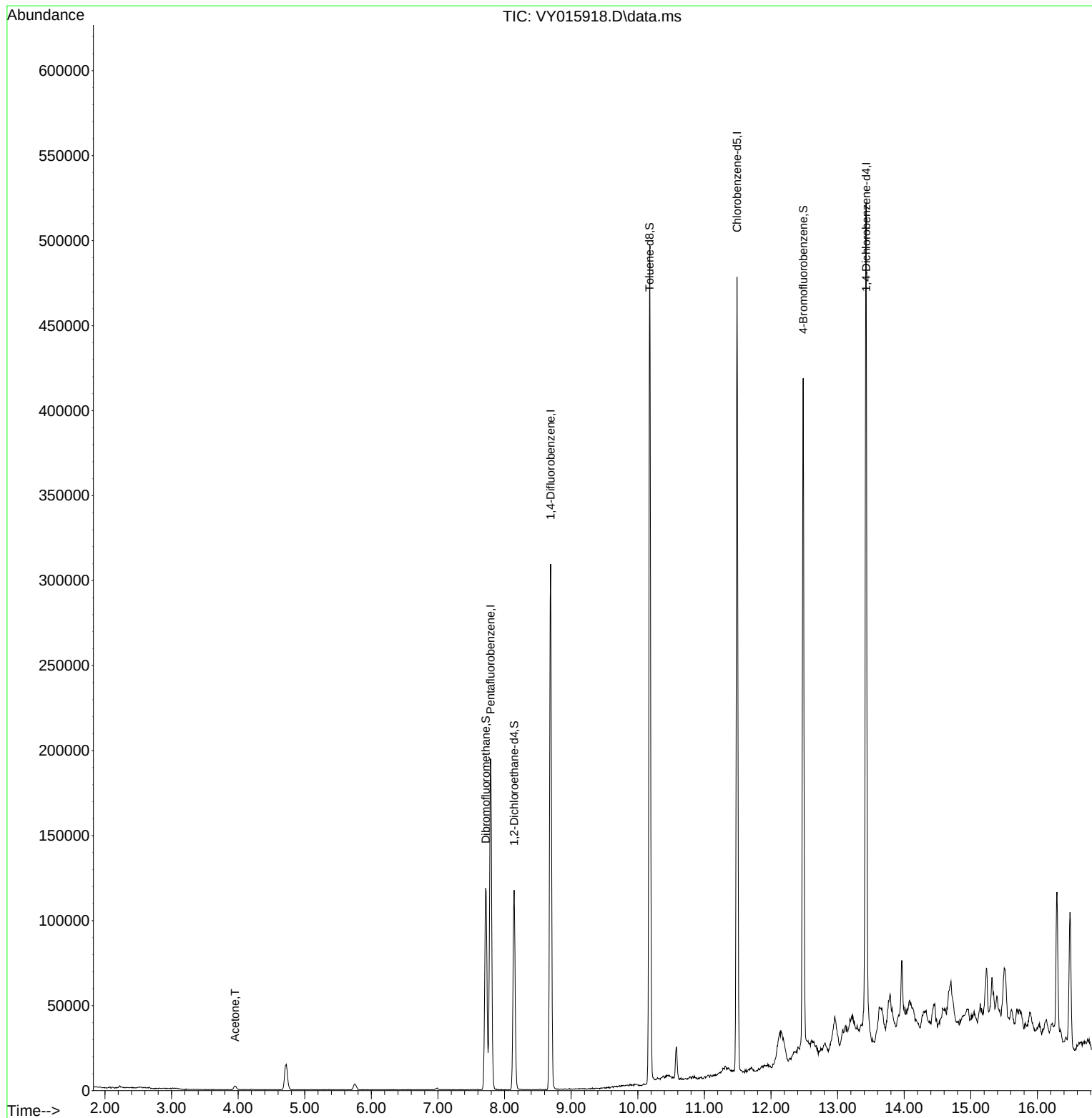
Internal Standards						
1) Pentafluorobenzene	7.789	168	153402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90642	65.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.340%	
35) Dibromofluoromethane	7.716	113	86750	57.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.179	98	324455	65.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 131.220%	
62) 4-Bromofluorobenzene	12.483	95	116087	57.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	4268	12.213	ug/l #	84

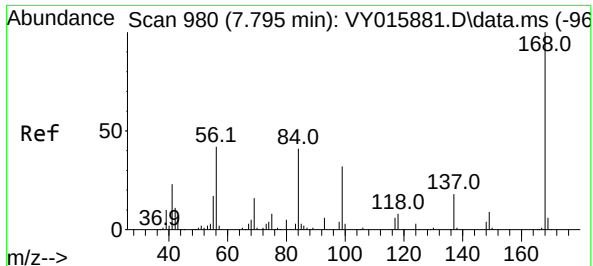
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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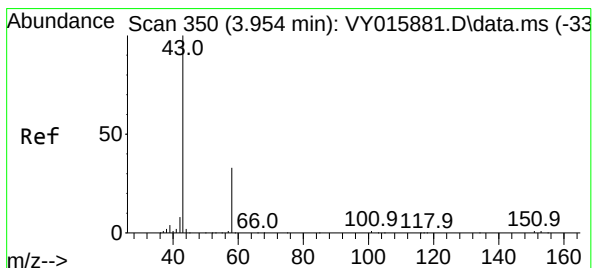
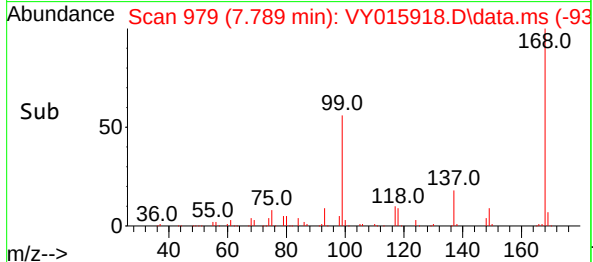
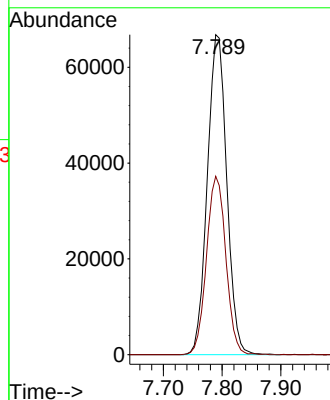
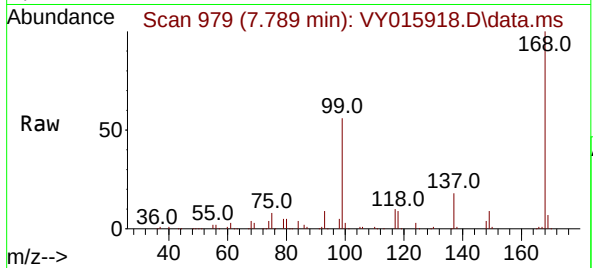




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015918.D
Acq: 11 Oct 2023 13:00

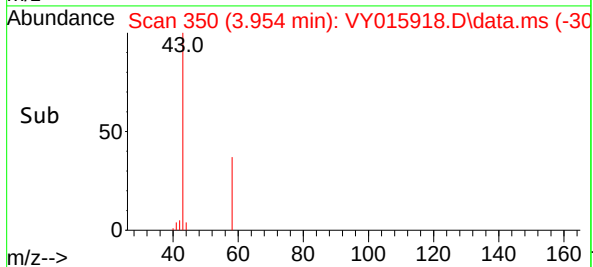
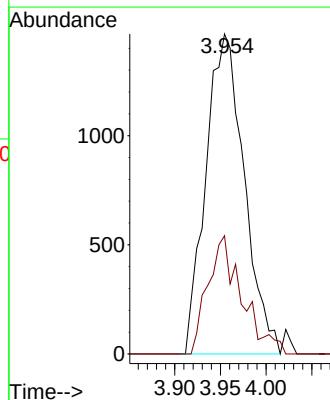
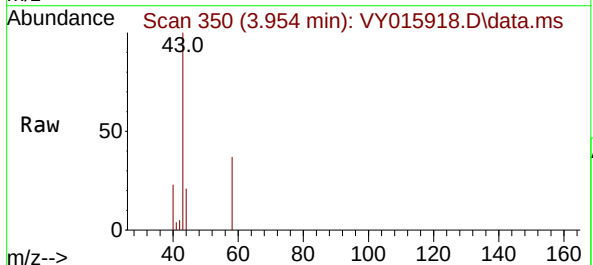
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

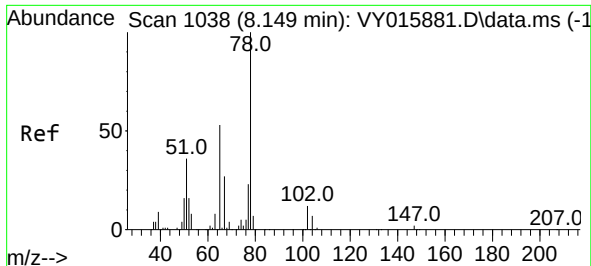
Tgt Ion:168 Resp: 153402
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 12.213 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015918.D
Acq: 11 Oct 2023 13:00

Tgt Ion: 43 Resp: 4268
Ion Ratio Lower Upper
43 100
58 37.0 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 65.668 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VY015918.D

Acq: 11 Oct 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

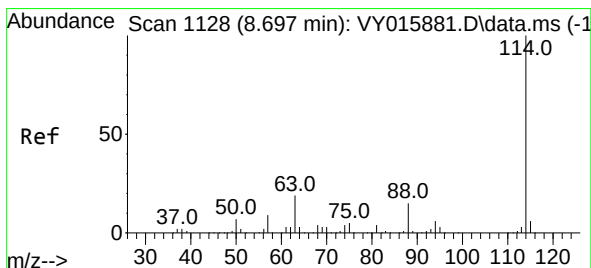
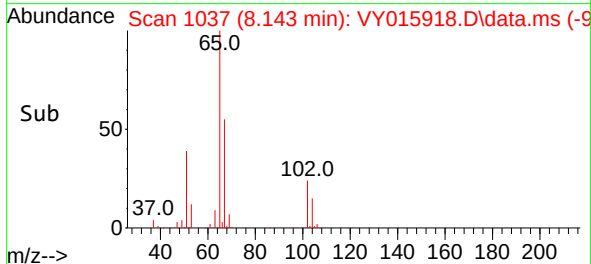
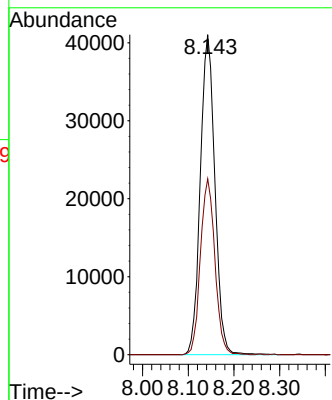
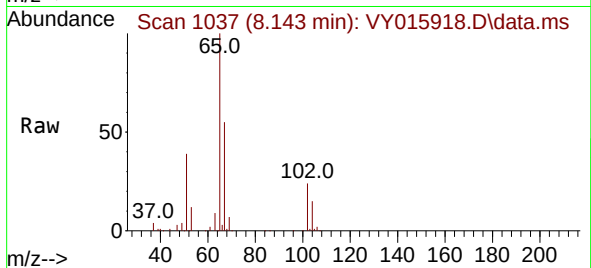
VNJ-241

Tgt Ion: 65 Resp: 90642

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015918.D

Acq: 11 Oct 2023 13:00

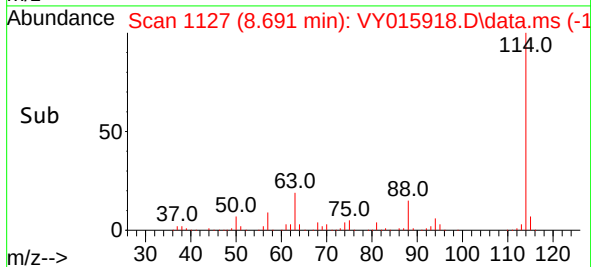
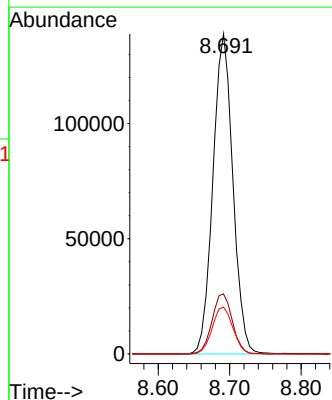
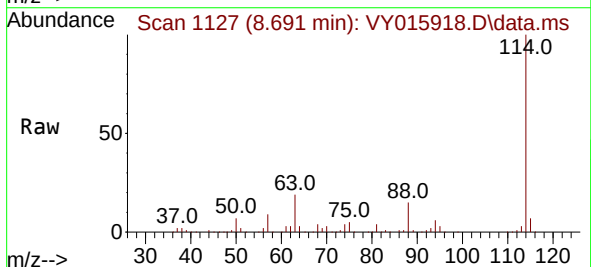
Tgt Ion: 114 Resp: 269032

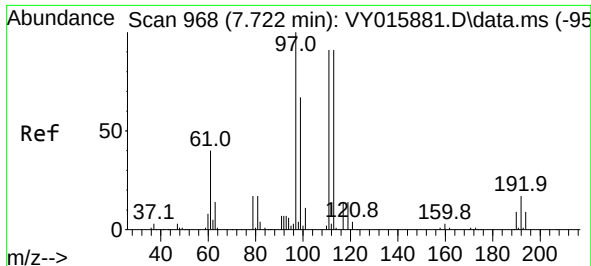
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.7 0.0 30.6

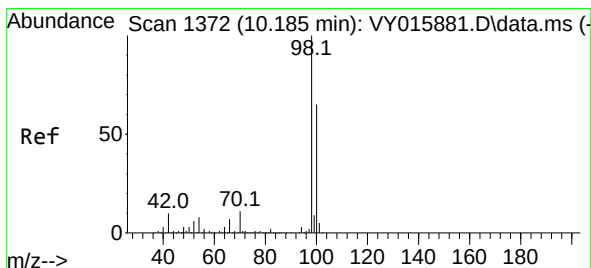
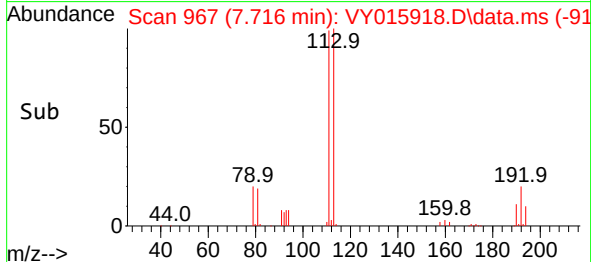
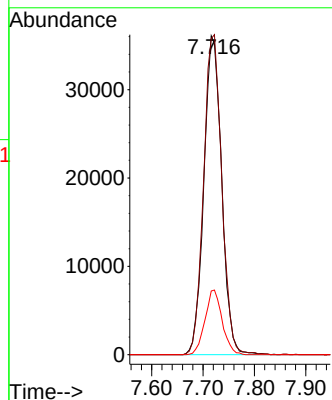
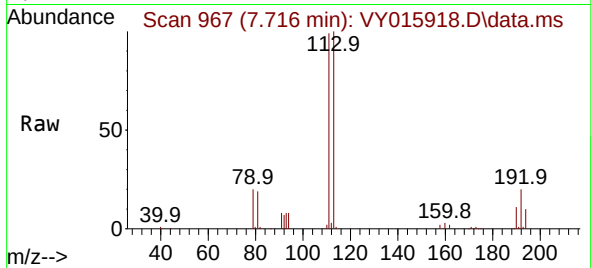




#35
 Dibromofluoromethane
 Concen: 57.810 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY015918.D
 Acq: 11 Oct 2023 13:00

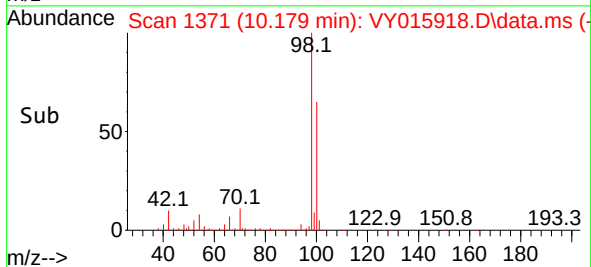
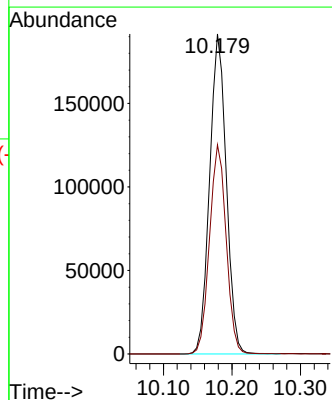
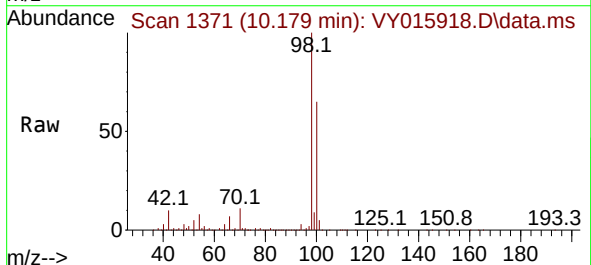
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

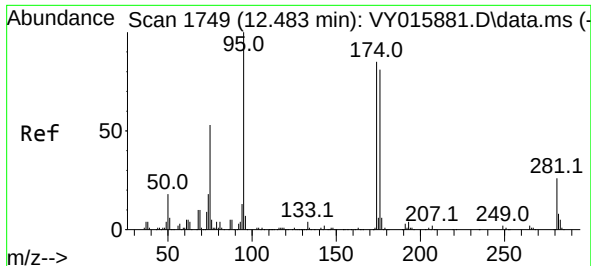
Tgt Ion:113 Resp: 86750
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 19.6 16.9 25.3



#50
 Toluene-d8
 Concen: 65.606 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY015918.D
 Acq: 11 Oct 2023 13:00

Tgt Ion: 98 Resp: 324455
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1

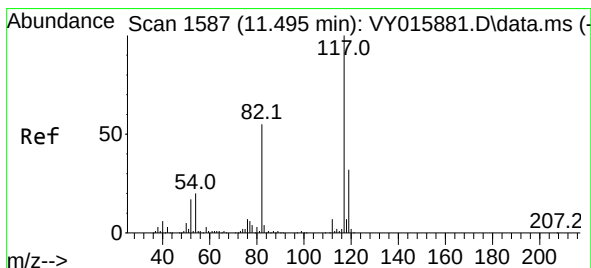
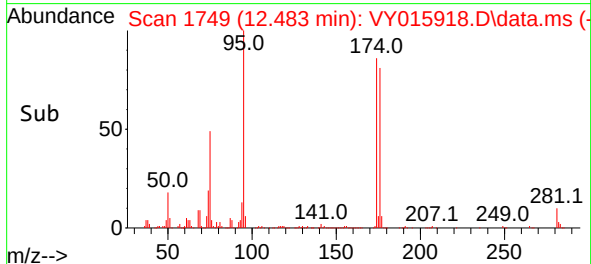
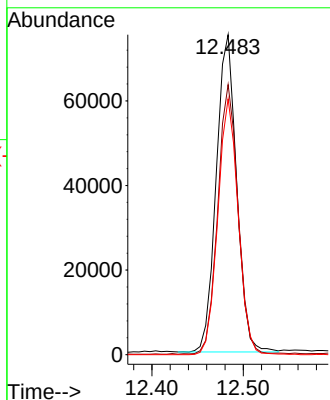
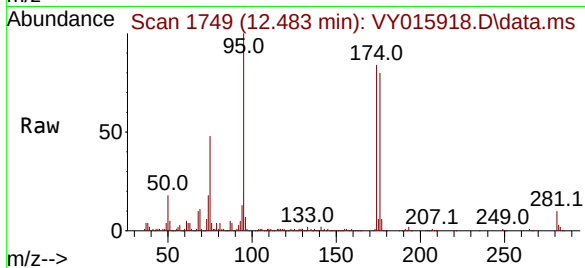




#62
4-Bromofluorobenzene
Concen: 57.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015918.D
Acq: 11 Oct 2023 13:00

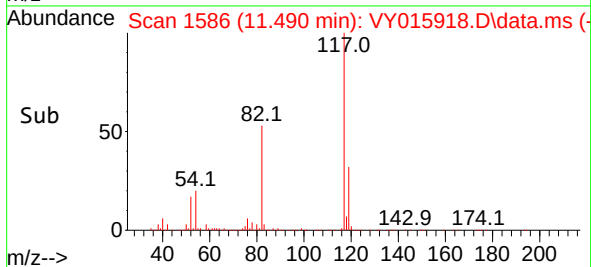
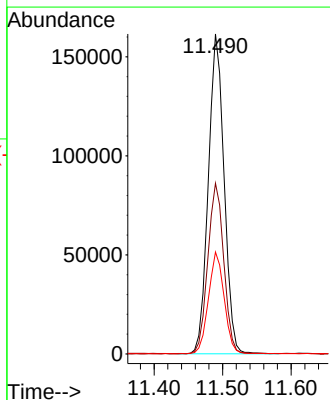
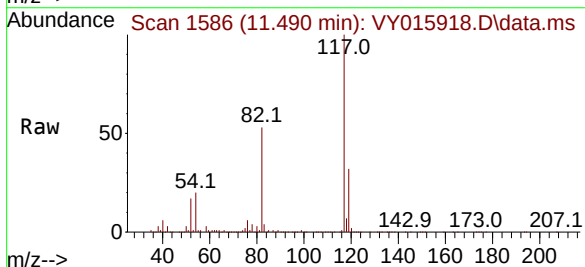
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

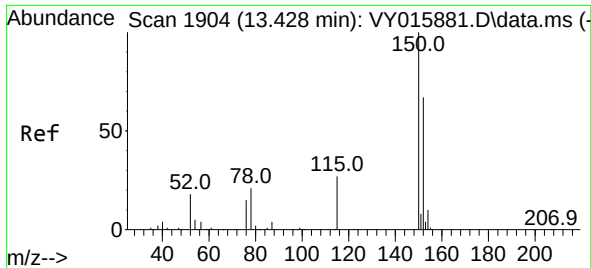
Tgt Ion: 95 Resp: 116087
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 80.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015918.D
Acq: 11 Oct 2023 13:00

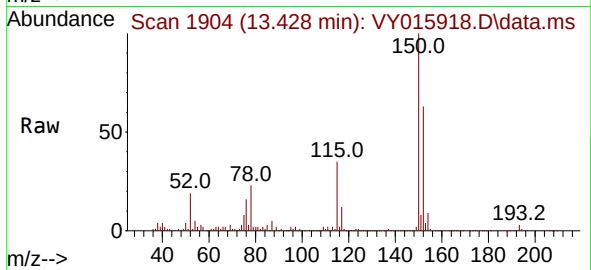
Tgt Ion: 117 Resp: 258338
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015918.D
 Acq: 11 Oct 2023 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241



Tgt Ion:152 Resp: 121452
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 157.1 0.0 348.8

