

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012395.D
 Acq On : 30 Jan 2023 14:14
 Operator : KP/MD
 Sample : 01357-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205

Quant Time: Jan 31 01:47:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

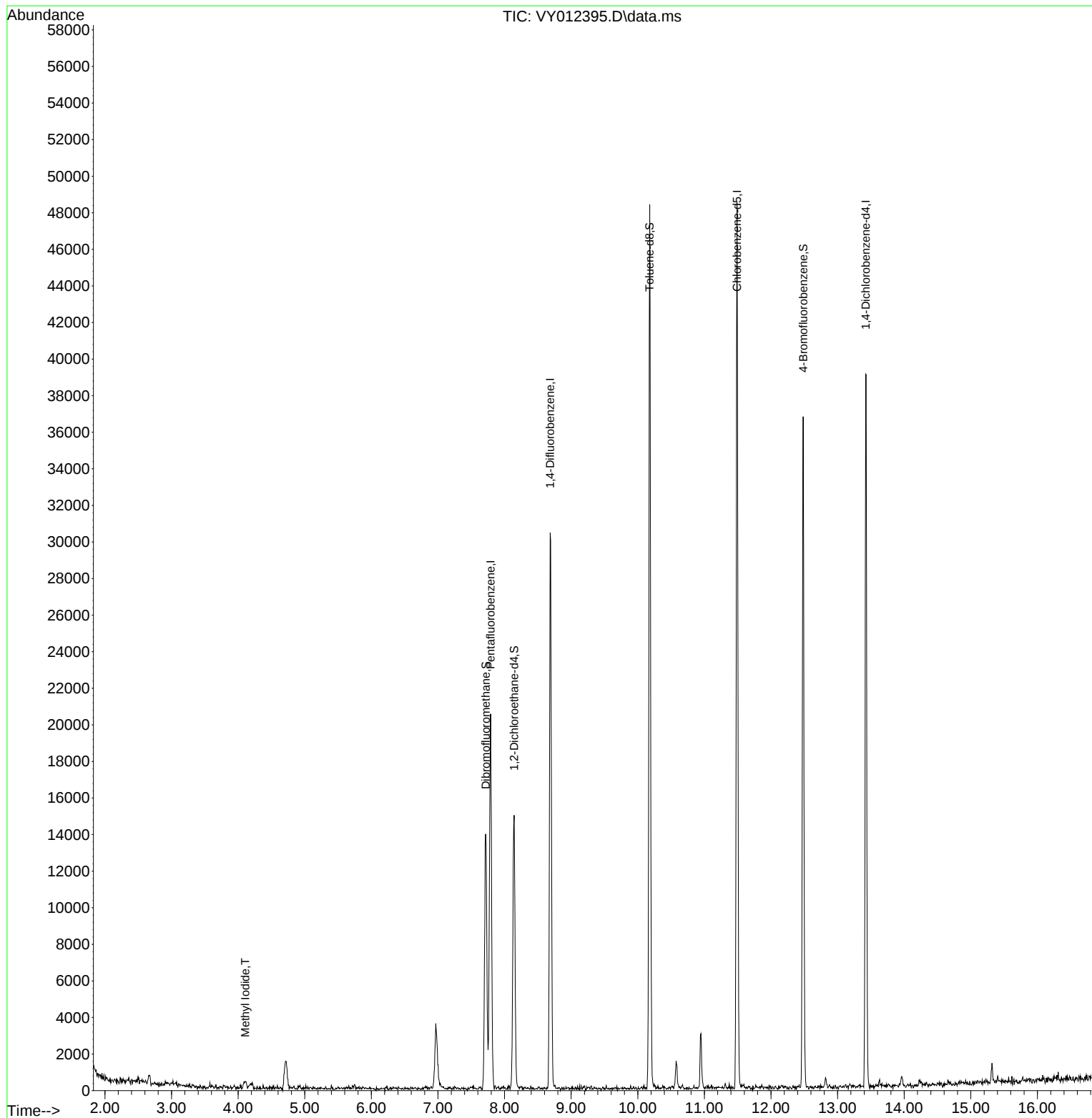
Internal Standards						
1) Pentafluorobenzene	7.789	168	16936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13260	98.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.500%#	
35) Dibromofluoromethane	7.716	113	9702	65.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.120%	
50) Toluene-d8	10.179	98	33160	66.064	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.120%	
62) 4-Bromofluorobenzene	12.483	95	10485	50.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.520%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	676	2.936	ug/l #	87

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

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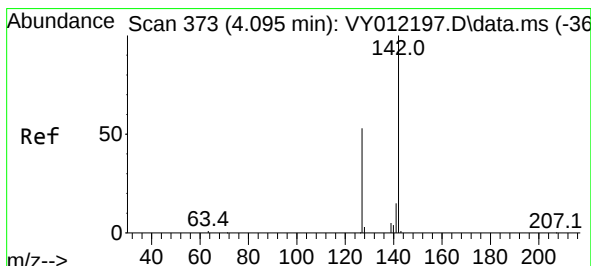
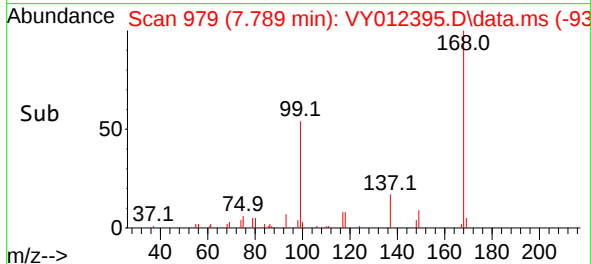
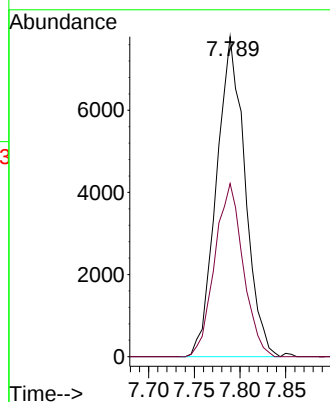
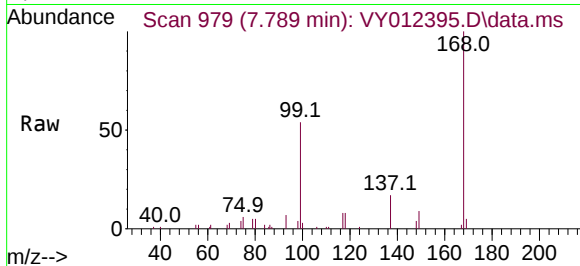




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

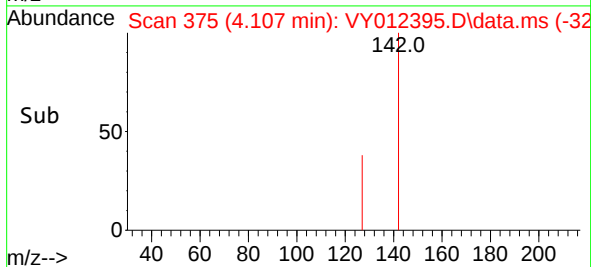
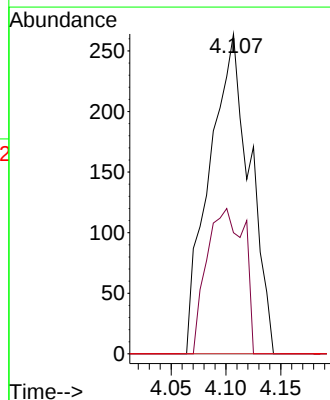
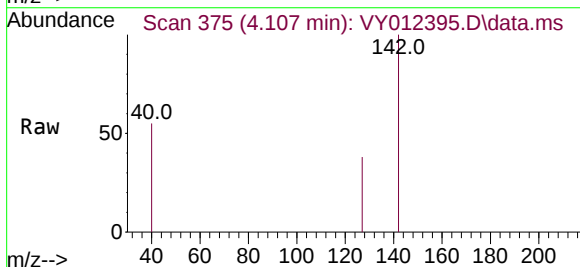
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

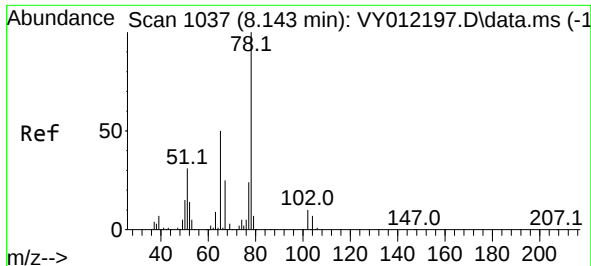
Tgt Ion:168 Resp: 16936
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#10
Methyl Iodide
Concen: 2.936 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 42.0 37.0 55.4
141 0.0 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 98.252 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012395.D

Acq: 30 Jan 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

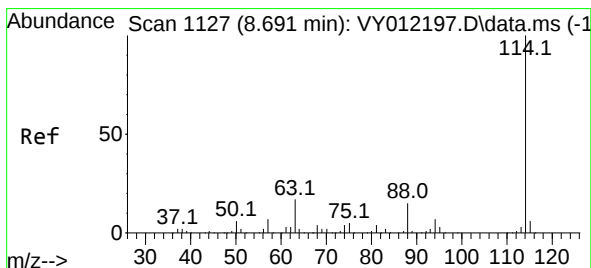
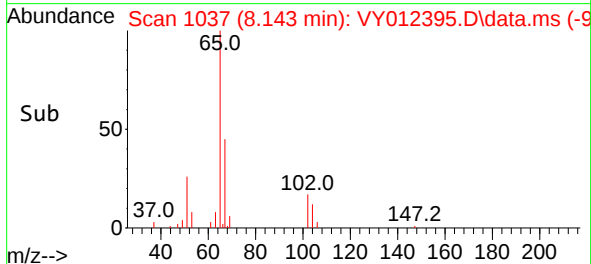
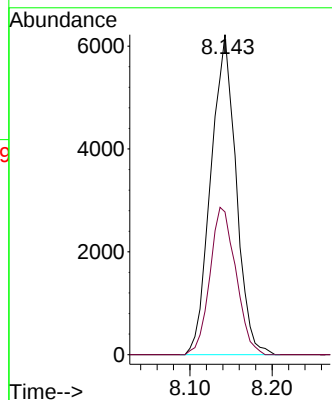
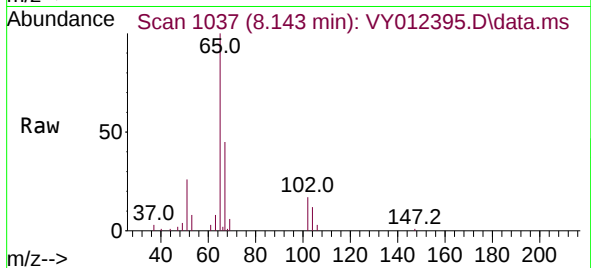
VNJ-205

Tgt Ion: 65 Resp: 13260

Ion Ratio Lower Upper

65 100

67 47.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012395.D

Acq: 30 Jan 2023 14:14

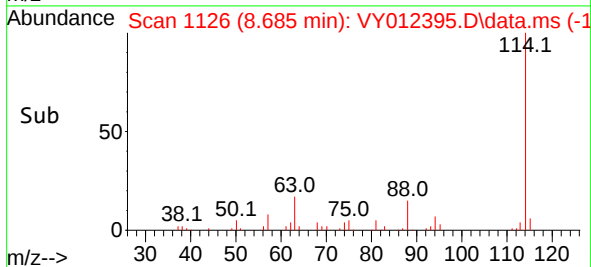
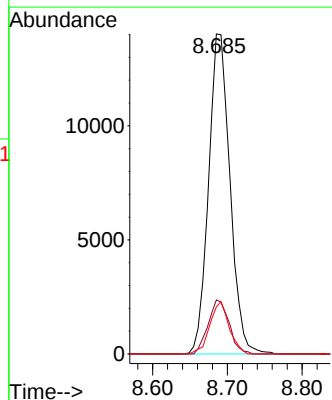
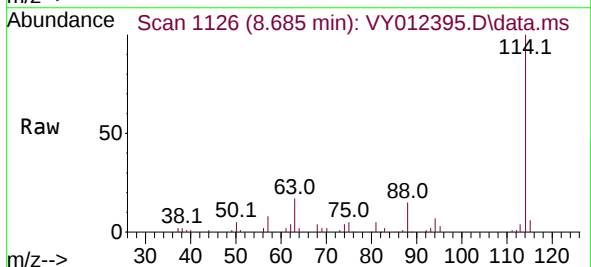
Tgt Ion: 114 Resp: 27948

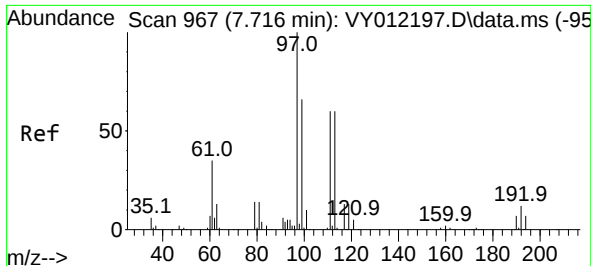
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.7 0.0 32.2

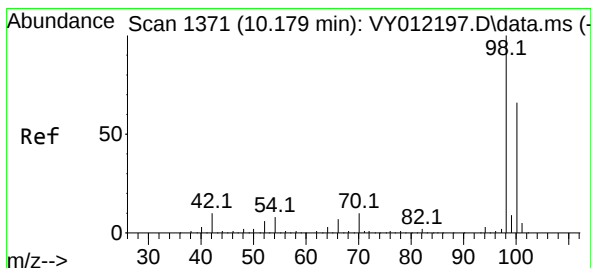
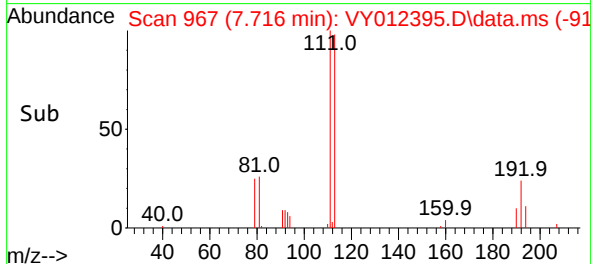
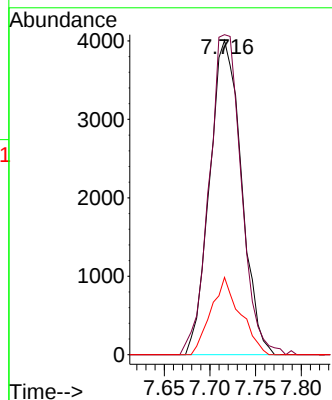
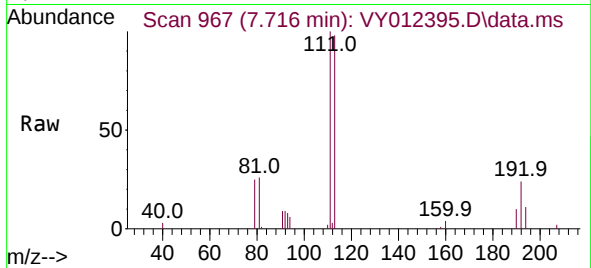




#35
Dibromofluoromethane
Concen: 65.561 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

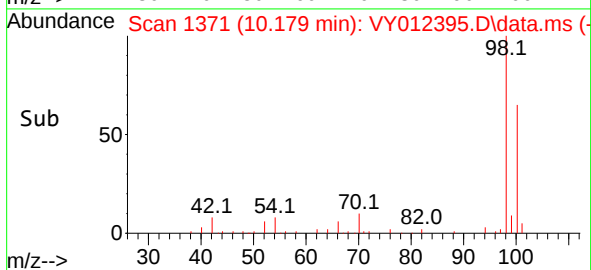
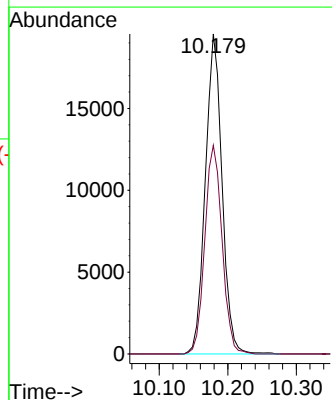
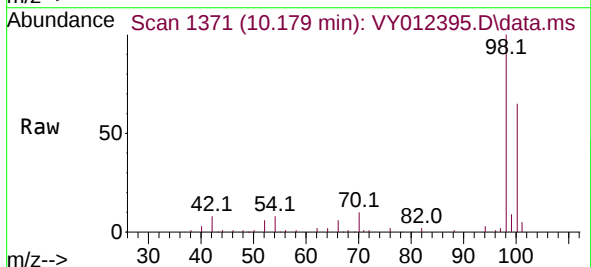
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

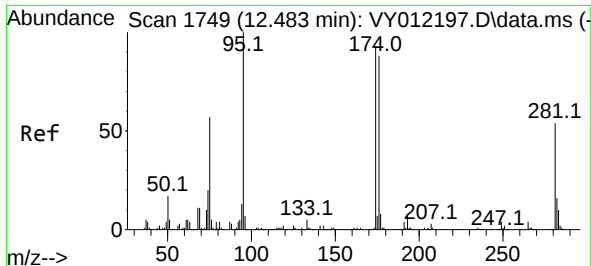
Tgt Ion:113 Resp: 9702
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 22.6 16.0 24.0



#50
Toluene-d8
Concen: 66.064 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion: 98 Resp: 33160
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9

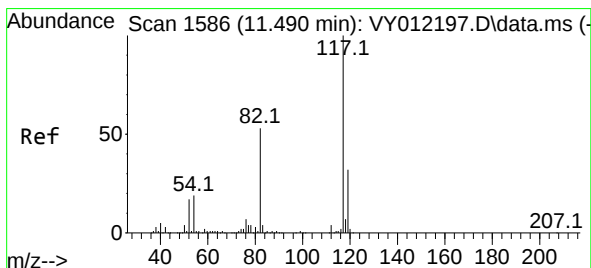
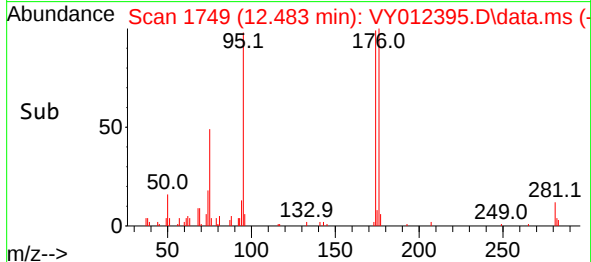
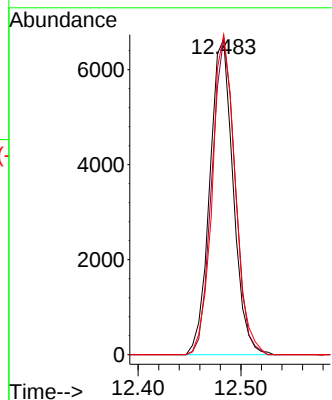
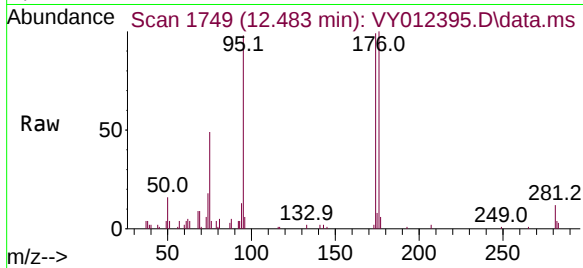




#62
4-Bromofluorobenzene
Concen: 50.260 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

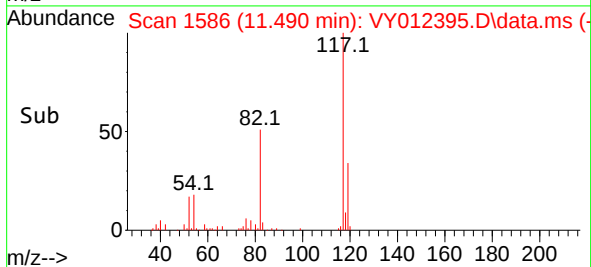
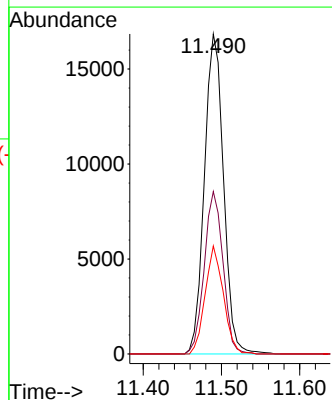
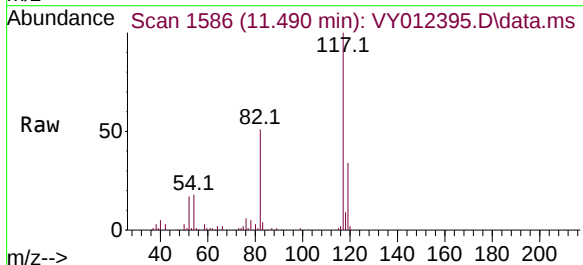
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

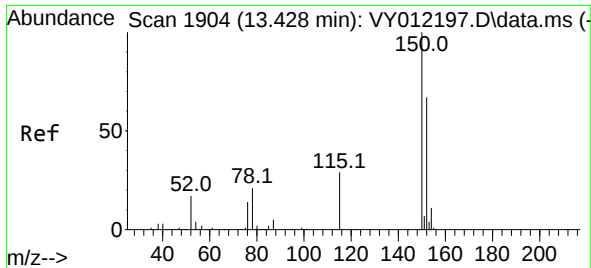
Tgt Ion:	95	Resp:	10485
Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	172.0
176	99.3	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012395.D
Acq: 30 Jan 2023 14:14

Tgt Ion:	117	Resp:	28550
Ion	Ratio	Lower	Upper
117	100		
82	50.8	44.8	67.2
119	33.8	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY012395.D
 Acq: 30 Jan 2023 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205

Tgt Ion:152 Resp: 11402
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.1 87.3
 150 161.7 0.0 342.6

